

DOMINICAN REPUBLIC

Cancer Country Profile 2020

BURDEN OF CANCER

Total population (2019)

10,738,957

Total # cancer cases
(2018)

17,988

Total # cancer deaths
(2018)

10,896

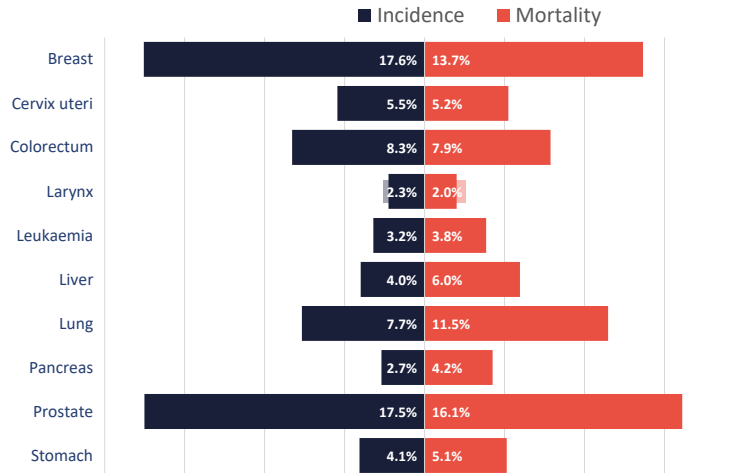
Premature deaths from NCDs (2016)

19,362

Cancer as % of NCD premature deaths (2016)

24.5%

Most common cancer cases (2018)



PAFs

(population attributable fractions)

18.7%

Tobacco (2017)^a

^a PAF, cancer deaths

5.0%

Alcohol (2016)^a

^b PAF, cancer cases

19.4%

Infections (2012)^b

^c PAF, melanoma cases

2.2%

Obesity (2012)^b

0.0%

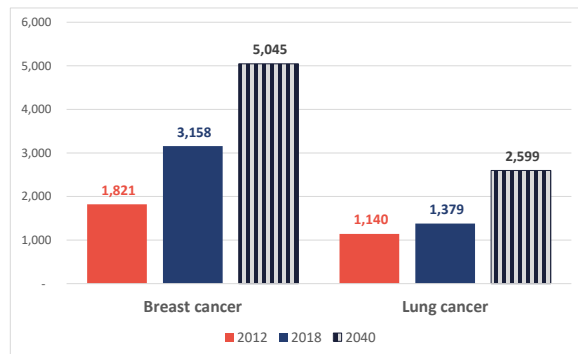
UV (2012)^c

1.2%

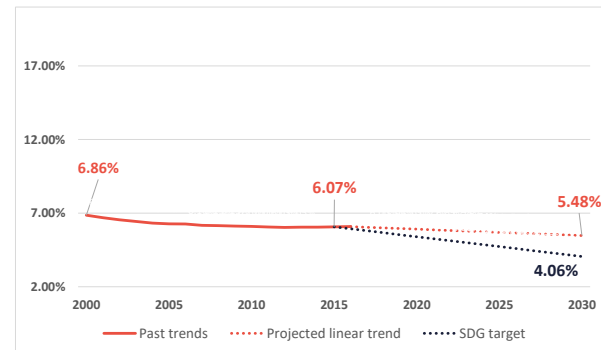
Occupational risk
(2017)^a

TRENDS

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



Probability of premature death from cancer per year

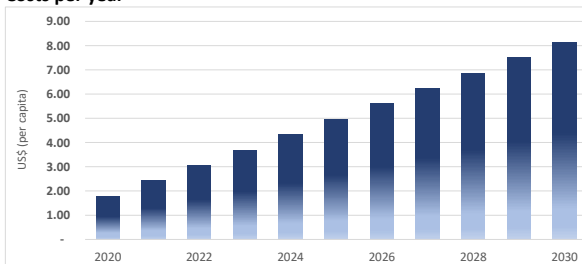


INVESTMENT CASE (2019)

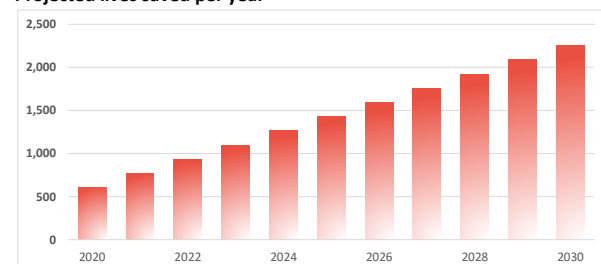
^aUpper middle income

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

Costs per year



Projected lives saved per year



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HEALTH SYSTEM CAPACITY

^a per 10,000 cancer patients

Availability of population-based cancer registry (PBCR)**	2019	Registration activity	WORKFORCE		
			^a per 10,000 cancer patients		
Quality of mortality registration***	2007-2016	Low	Available staff in Ministry of Health who dedicates significant proportion of their time to cancer	2019	yes
# of external beam radiotherapy (photon,electron) ^a	2019	11.7	# of radiation oncologist ^a	2019	n/a
# of mammographs ^a	2020	97.8	# of medical physicist ^a	2019	5.6
# of CT scanners ^a	2020	78.4	# of surgeons ^a	n/a	n/a
# of MRI scanners ^a	2020	n/a	# of radiologist ^a	2019	77.8
# of PET or PET/CT scanners ^a	2020	2.8	# of nuclear medicine physician ^a	2019	7.2
			# of medical & pathology lab scientists ^a	n/a	n/a

FORMULATING RESPONSE

Integrated NCD plan	2019	operational	# Public cancer centres per 10,000 cancer patients	2019	0.6
NCCP (including cancer types)	2019	n/a	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	2 cancer(s)
MPOWER measures fully implemented and achieved	2018	0	Pathology services	2019	generally available
Cancer management guidelines	2019	yes	Bone marrow transplantation capacity	2019	generally not available
Palliative care included in their operational, integrated NCD plan	2019	no	Palliative care availability: community/home-based care	2019	generally not available
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	3	Availability of opioids* for pain management	2015-2017	71
Breast cancer screening program	2019	yes			
Breast cancer screening program: Starting age, target population	2019	35			

*Defined daily doses for statistical purposes (5-DDD) per million inhabitants per day

GLOBAL INITIATIVES

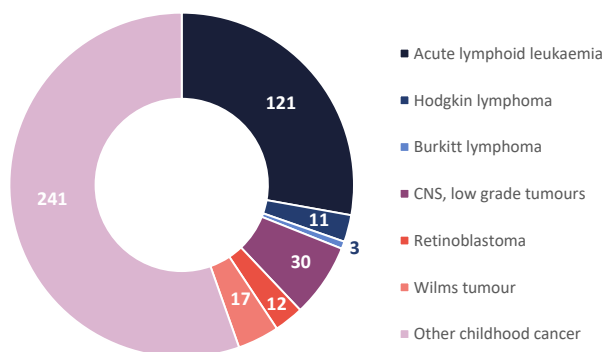
Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	5.7
Cervical cancer screening	2019	yes
Screening programme type	2019	opportunistic
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	435
Early detection programme/guidelines	2019	no
Defined referral system	2019	no

Annual cancer cases (0-14 years old)



**The incidence estimates for this country have a high degree of uncertainty because they are not based on population based cancer registry

***The mortality estimates for this country have a high degree of uncertainty because they are not based on any national NCD mortality data