

POLAND

BURDEN OF CANCER

Total population (2019)
37,887,771

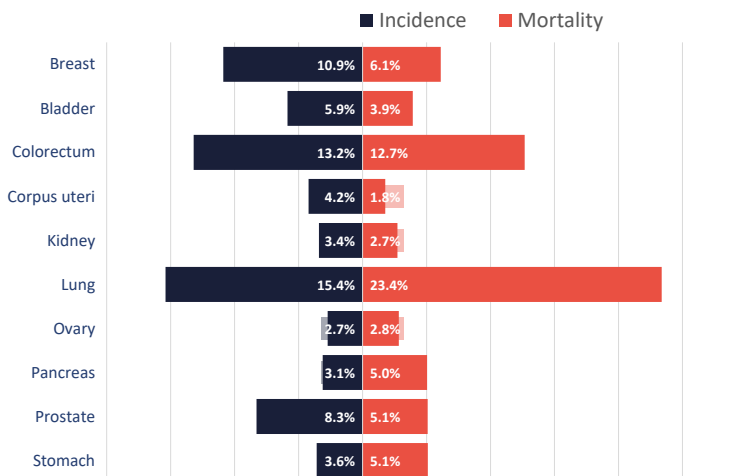
Total # cancer cases (2018)
185,630

Total # cancer deaths (2018)
113,388

Premature deaths from NCDs (2016)
121,112

Cancer as % of NCD premature deaths (2016)
43.1%

Most common cancer cases (2018)



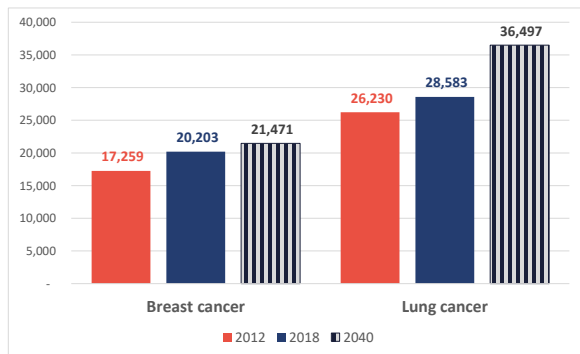
PAFs (population attributable fractions)

Factor	Percentage
Tobacco (2017) ^a	32.4%
Alcohol (2016) ^a	8.2%
Infections (2012) ^b	7.5%
Obesity (2012) ^b	6.7%
UV (2012) ^c	66.9%
Occupational risk (2017) ^a	4.5%

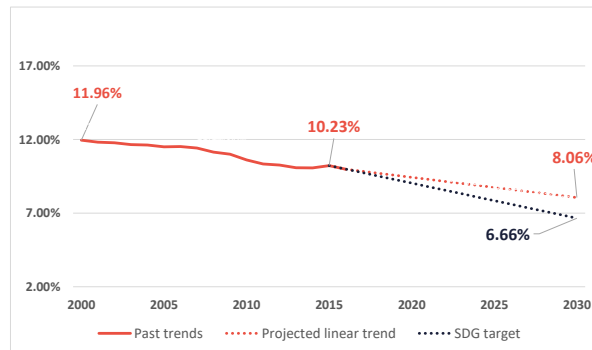
^a PAF, cancer deaths ^b PAF, cancer cases ^c PAF, melanoma cases

TRENDS

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



Probability of premature death from cancer per year

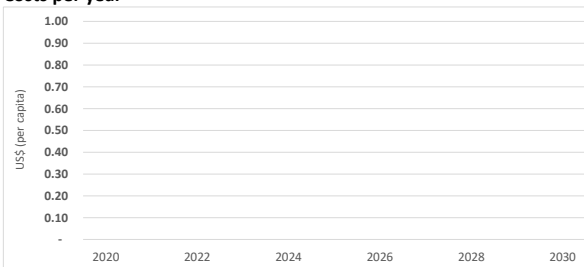


INVESTMENT CASE (2019)

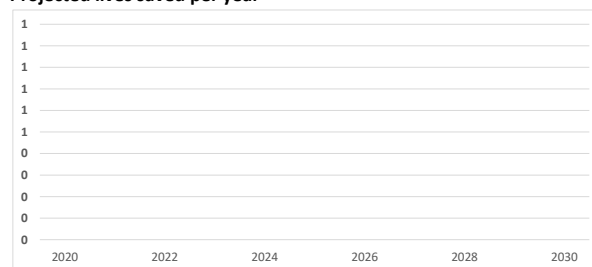
**High income*

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

Costs per year



Projected lives saved per year



POLAND

Cancer Country Profile 2020

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	Medium
# of external beam radiotherapy (photon,electron) ^a	2019	8.0
# of mammographs ^a	2020	28.5
# of CT scanners ^a	2020	43.5
# of MRI scanners ^a	2020	24.8
# of PET or PET/CT scanners ^a	2020	1.4

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	24.9
# of medical physicist ^a	2019	11.3
# of surgeons ^a	2014	320.7
# of radiologist ^a	2019	136.1
# of nuclear medicine physician ^a	2019	10.0
# 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	2.2
NCCP (including cancer types)	2019	operational	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	0 cancer(s)
MPOWER measures fully implemented and achieved	2018	2	Pathology services	2019	don't know
Cancer management guidelines	2019	don't know	Bone marrow transplantation capacity	2019	generally available
Palliative care included in their operational, integrated NCD plan	2019	no	Palliative care availability: community/home-based care	2019	generally available
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	0	Availability of opioids* for pain management	2015-2017	1820
Breast cancer screening program	2019	yes			
Breast cancer screening program: Starting age, target population	2019	50			

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

GLOBAL INITIATIVES

Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	n/a
Cervical cancer screening	2019	yes
Screening programme type	2019	opportunistic
Screening programme method	2019	PAP smear
Screening participation rates	2019	10%-50%
Early detection programme/guidelines	2019	don't know
Defined referral system	2019	don't know

Global Initiative for Childhood Cancer

Annual cancer cases (0-14 years old)	2020	1185
Early detection programme/guidelines	2019	don't know
Defined referral system	2019	don't know

Annual cancer cases (0-14 years old)

