SWITZERLAND

BURDEN OF CANCER



8,591,361

Total # cancer cases (2018) **56,506**

Total # cancer deaths (2018)
18,377

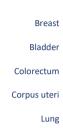
Premature deaths from NCDs (2016)

11,123

Cancer as % of NCD premature deaths (2016)

53.8%

Most common cancer cases (2018)



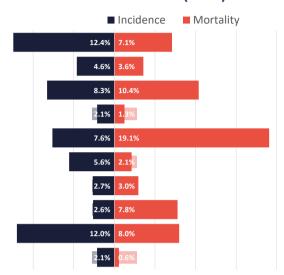
Melanoma of skin

Pancreas

Non-Hodgkin lymphoma

Prostate

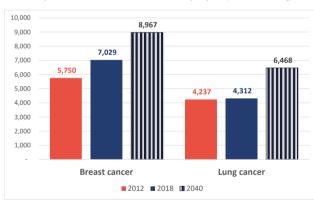
Thyroid



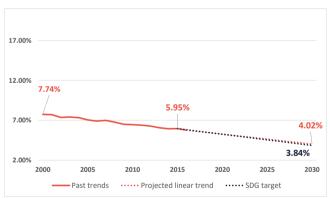


TRENDS

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



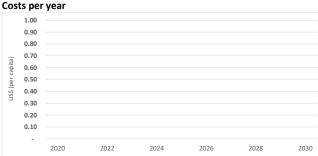
Probability of premature death from cancer per year



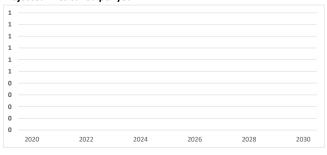
INVESTMENT CASE (2019)

*High income

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



Projected lives saved per year



■ Burkitt lymphoma

■ Retinoblastoma

■ Wilms tumour

■ CNS, low grade tumours

Other childhood cancer

SWITZERLAND

HEALTH SYSTEM CAPACITY

^a per 10,000 cancer patients					
Availability of population-based cancer registry (PBCR)**	2019	High quality PBCR	WORKFORCE		
registry (i beny			^a per 10,000 cancer patients Available staff in Ministry of Health who		
Quality of mortality registration***	2007-2016	High	dedicates significant proportion of their time to cancer	2019	yes
# of external beam radiotherapy	2019	12.7	# of radiation oncologist ^a	2019	20.9
photon, electron) a	2019	12.7	# of medical physicist ^a	2019	38.2
# of mammographs ^a	2020	49.6	# of surgeons ^a	2013	724.0
# of CT scanners ^a	2020	63.2	# of radiologist ^a	2019	154.1
# of MRI scanners ^a	2020	67.2	# of nuclear medicine physician ^a	2019	38.2
# of PET or PET/CT scanners ^a	2020	5.1	# 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	n/a
NCCP (including cancer types)	2019	operational	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	3 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 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	11962
Breast cancer screening program	2019	yes	*Defined daily doses for statistical purposes (S-DDD) per miliion inhabitants per day		
Breast cancer screening program: Starting age, target population	2019	50			
GLOBAL INITIATIVES					
Elimination of Cervical Cancer			Global Initiative for Childhood Cancer		
HPV vaccination programme coverage	2018	57	Annual cancer cases (0-14 years old)	2020	224
Cervical cancer screening	2019	yes	Early detection programme/guidelines	2019	don't know
Screening programme type	2019	opportunistic	Defined referral system	2019	don't know
Screening programme method	2019	PAP smear	Annual cancer cases (0-14 years old)		
Screening participation rates	2019	70% or more	Annual cancer cases (0-14 years old)		
Early detection programme/guidelines	2019	yes	■ Acute lymphoid leukaemia		
Defined referral system	2019	don't know	■ Acute lymphold ledkaerilla ■ Hodgkin lymphoma		
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