UZBEKISTAN

BURDEN OF CANCER

Total population (2019)

32,981,715

Total # cancer cases (2018) **25,309**

Total # cancer deaths (2018)
16,685

Premature deaths from NCDs (2016)

63,971

Cancer as % of NCD premature deaths (2016)

15.4%

Most common cancer cases (2018)



Lung

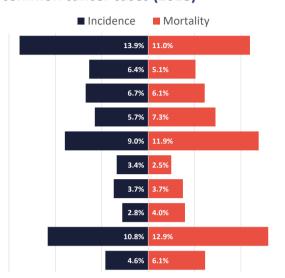
Non-Hodgkin lymphoma

Oesophagus

Pancreas

Stomach

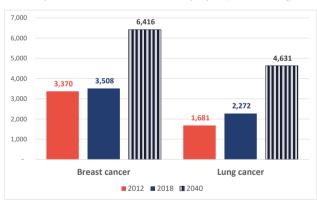
Brain, CNS



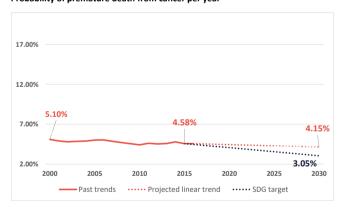


TRENDS

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



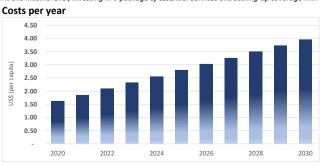
Probability of premature death from cancer per year

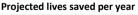


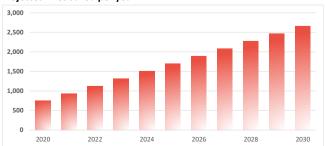
INVESTMENT CASE (2019)

*Lower middle income

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







RetinoblastomaWilms tumour

Other childhood cancer

UZBEKISTAN

HEALTH SYSTEM CAPACITY

per 10,000 cancer patients					
Availability of population-based cancer registry (PBCR)**	2019	PBCR	WORKFORCE		
egistry (i berty			° 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	2.8	# of radiation oncologist ^a	2019	n/a
(photon,electron) ^a	2013	2.0	# of medical physicist ^a	2019	n/a
# of mammographs ^a	2020	17.8	# of surgeons ^a	n/a	n/a
of CT scanners ^a	2020	9.5	# of radiologist ^a	2019	n/a
of MRI scanners ^a	2020	28.4	# of nuclear medicine physician ^a	2019	2.4
# of PET or PET/CT scanners ^a	2020	0.4	# 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	6.3
NCCP (including cancer types)	2019	operational	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	1 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, ntegrated NCD plan	2019	no	Palliative care availability: community/home-based care	2019	generally available
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	3	Availability of opioids* for pain management	2015-2017	12
Breast cancer screening program	2019	no	*Defined daily doses for statistical purposes (S-DDD) per million inhabitants per day		
Breast cancer screening program: Starting age, target population	2019	n/a			
GLOBAL INITIATIVES					
Elimination of Cervical Cancer			Global Initiative for Childhood Cancer		
HPV vaccination programme coverage	2018	n/a	Annual cancer cases (0-14 years old)	2020	1028
Cervical cancer screening	2019	no	Early detection programme/guidelines	2019	no
Screening programme type	2019	n/a	Defined referral system	2019	no
Screening programme method	2019	n/a	August 22022 2222 (0.14 vacus ald)		
Screening participation rates	2019	n/a	Annual cancer cases (0-14 years old)		
Early detection programme/guidelines	2019	no			
Defined referral system	2019	yes	■ Acute lymphoid leukaemia		
Detined referral system	2013	yes	306	■ Hodgk	in lymphoma
				■ Burkit	t lymphoma
			545	■ CNS, Io	ow grade tumours