URUGUAY

BURDEN OF CANCER



3,461,731

Total # cancer cases (2018) **15,101**

Total # cancer deaths (2018) 8,589

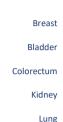
Premature deaths from NCDs (2016)

7,403

Cancer as % of NCD premature deaths (2016)

46.0%

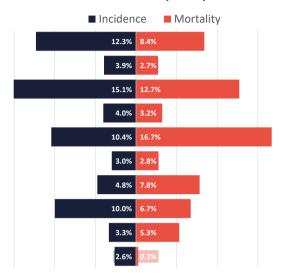
Most common cancer cases (2018)



Non-Hodgkin lymphoma

Pancreas
Prostate
Stomach

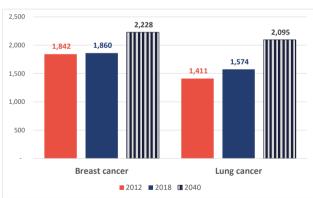
Thyroid



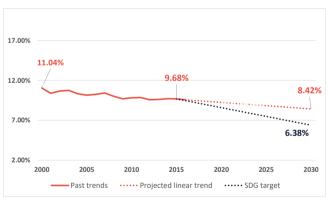
23.9% 5.6% 8.7% 5.7% 66.5% 2.6% **PAFs** Occupational risk UV (2012)° Tobacco (2017)^a Alcohol (2016)^a Infections (2012)^b Obesity (2012)^b (population attributable (2017)^a fractions) ^a PAF, cancer deaths ^b PAF, cancer cases ^c PAF, melanoma cases

TRENDS

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



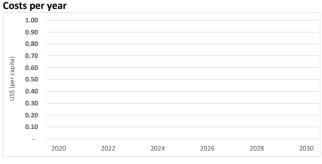
Probability of premature death from cancer per year



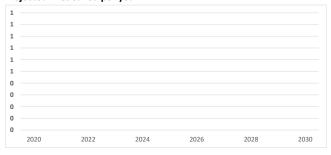
INVESTMENT CASE (2019)

*High income

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



Projected lives saved per year



RetinoblastomaWilms tumour

Other childhood cancer

URUGUAY

HEALTH SYSTEM CAPACITY

^a per 10,000 cancer patients					
Availability of population-based cancer registry (PBCR)**	2019	High quality PBCR	WORKFORCE		
registry (i ben)			° per 10,000 cancer patients Available staff in Ministry of Health who		
Quality of mortality registration***	2007-2016	Medium	dedicates significant proportion of their time to cancer	2019	yes
# of external beam radiotherapy	2019	8.6	# of radiation oncologist ^a	2019	n/a
(photon,electron) ^a	2019	8.0	# of medical physicist ^a	2019	n/a
# of mammographs ^a	2020	41.1	# of surgeons ^a	2014	264.9
# of CT scanners ^a	2020	29.8	# of radiologist ^a	2019	103.3
# of MRI scanners ^a	2020	6.6	# of nuclear medicine physician ^a	2019	21.2
# of PET or PET/CT scanners ^a	2020	2.0	# of medical & pathology lab scientists ^a	2016	n/a
FORMULATING RESPONSE					
Integrated NCD plan	2019	operational	# Public cancer centres per 10,000 cancer patients	2019	2.6
NCCP (including cancer types)	2019	operational	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	4 cancer(s)
MPOWER measures fully implemented and achieved	2018	3	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	yes	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	465
Breast cancer screening program	2019	yes	*Defined daily doses for statistical purposes (S-DDD) per million 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	41.9	Annual cancer cases (0-14 years old)	2020	96
Cervical cancer screening	2019	yes	Early detection programme/guidelines	2019	yes
Screening programme type	2019	organised	Defined referral system	2019	yes
Screening programme method	2019	PAP smear	A		
Screening participation rates	2019	70% or more	Annual cancer cases (0-14 years old)		
Early detection programme/guidelines	2019	yes		■ A 011±5	lumphoid louksemis
Defined referral system	2019	yes	25	■ Acute lymphoid leukaemia ■ Hodgkin lymphoma ■ Burkitt lymphoma	
			51		
			3	■ CNS, lo	ow grade tumours