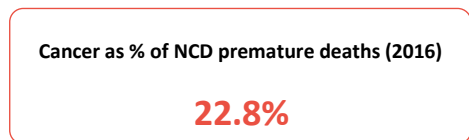
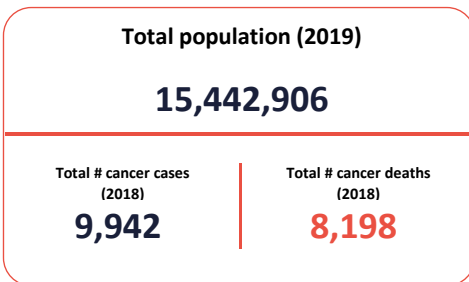
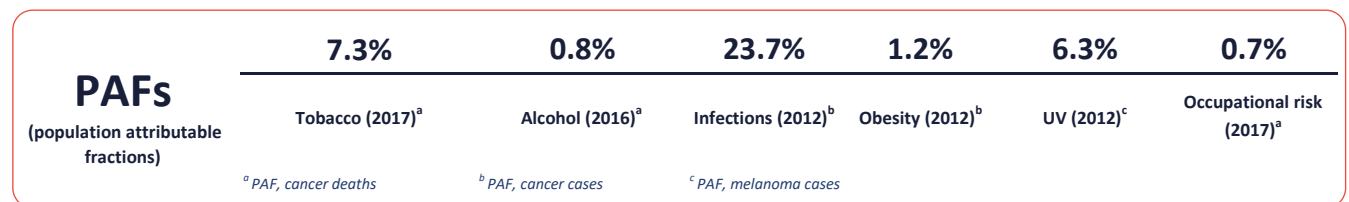
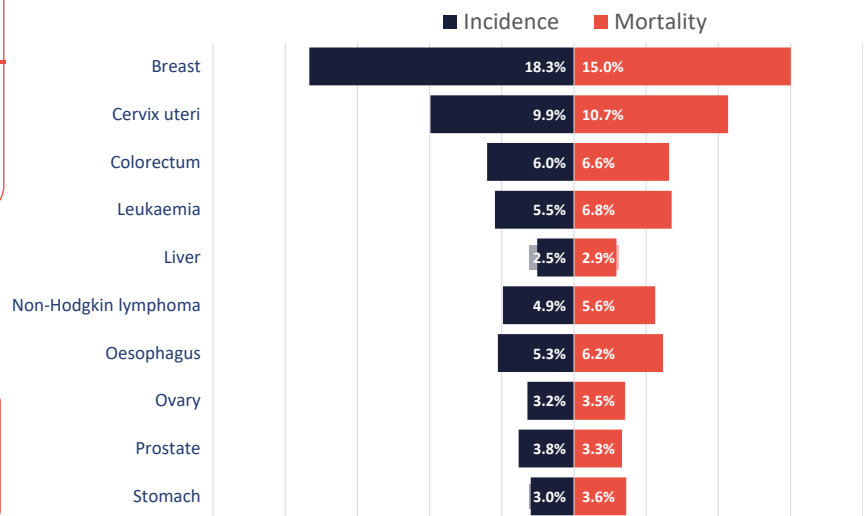


## BURDEN OF CANCER

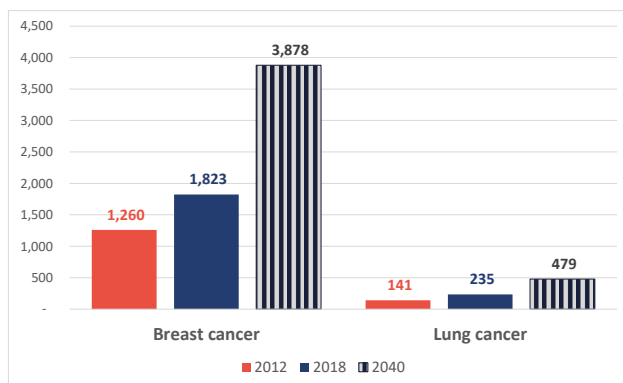


## Most common cancer cases (2018)

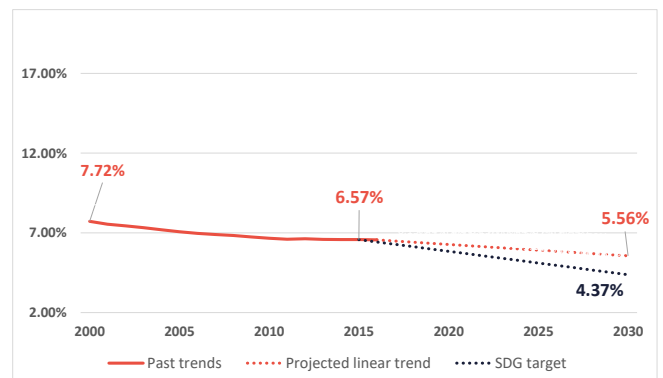


## TRENDS

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



Probability of premature death from cancer per year

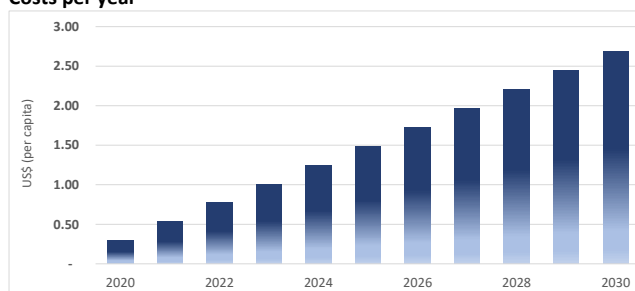


## INVESTMENT CASE (2019)

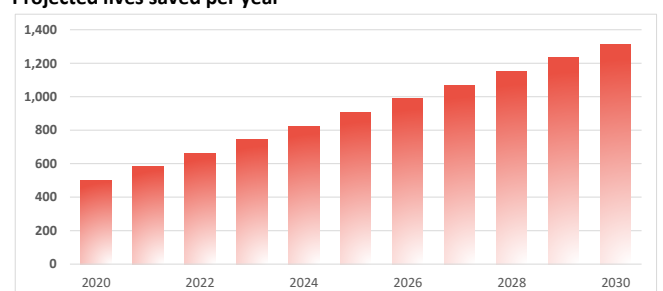
\*Low income

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

### Costs per year



### Projected lives saved per year



### HEALTH SYSTEM CAPACITY

<sup>a</sup> per 10,000 cancer patients

Availability of population-based cancer registry (PBCR)**	2019	No information
Quality of mortality registration***	2007-2016	No coverage
# of external beam radiotherapy (photon,electron) <sup>a</sup>	2019	0.0
# of mammographs <sup>a</sup>	2020	3.0
# of CT scanners <sup>a</sup>	2020	6.0
# of MRI scanners <sup>a</sup>	2020	2.0
# of PET or PET/CT scanners <sup>a</sup>	2020	0.0

### WORKFORCE

<sup>a</sup> per 10,000 cancer patients

Available staff in Ministry of Health who dedicates significant proportion of their time to cancer	2019	no
# of radiation oncologist <sup>a</sup>	2019	n/a
# of medical physicist <sup>a</sup>	2019	n/a
# of surgeons <sup>a</sup>	2014	15.1
# of radiologist <sup>a</sup>	2019	n/a
# of nuclear medicine physician <sup>a</sup>	2019	0.0
# of medical & pathology lab scientists <sup>a</sup>	2005	n/a

### FORMULATING RESPONSE

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

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

### GLOBAL INITIATIVES

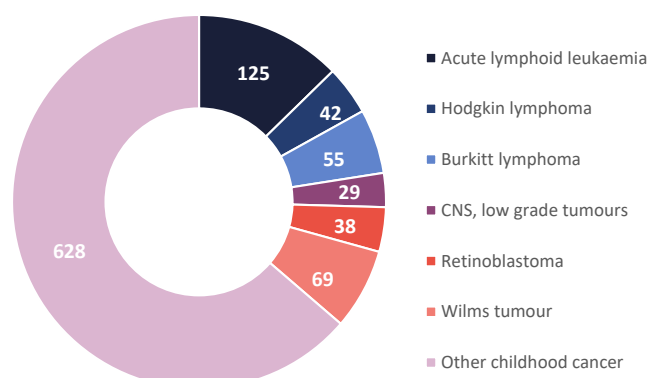
#### Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	n/a
Cervical cancer screening	2019	yes
Screening programme type	2019	don't know
Screening programme method	2019	PAP smear
Screening participation rates	2019	don't know
Early detection programme/guidelines	2019	no
Defined referral system	2019	yes

#### Global Initiative for Childhood Cancer

Annual cancer cases (0-14 years old)	2020	986
Early detection programme/guidelines	2019	no
Defined referral system	2019	yes

#### 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