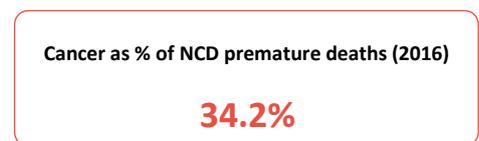
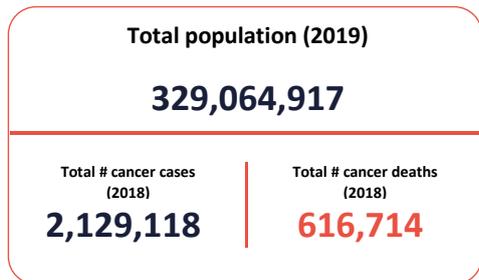
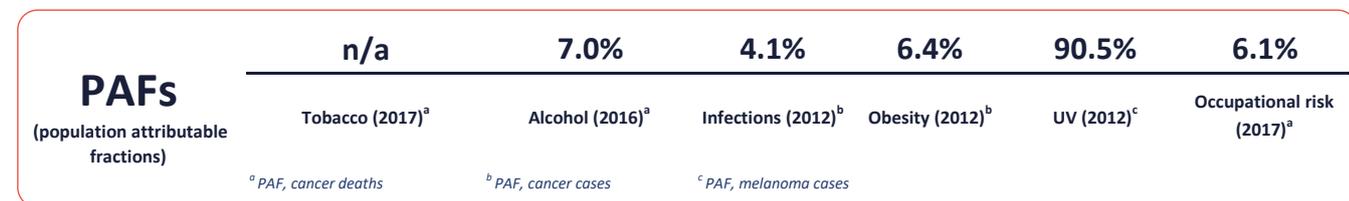
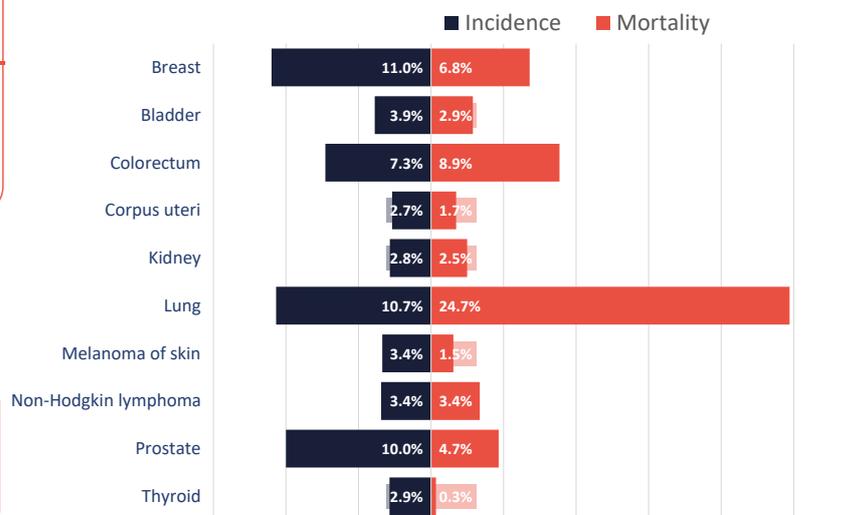


### BURDEN OF CANCER

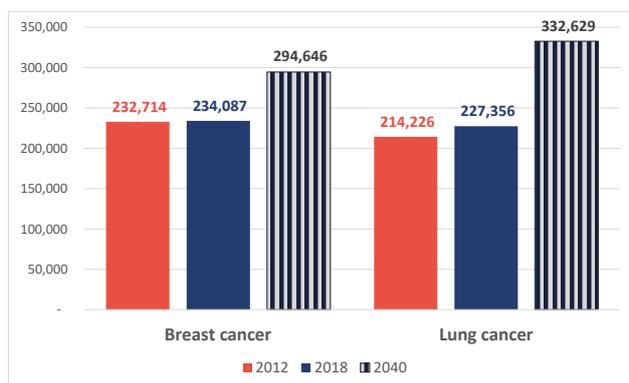


### Most common cancer cases (2018)

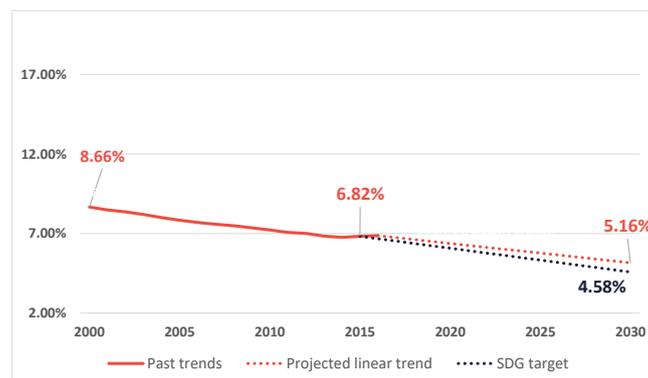


### TRENDS

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



Probability of premature death from cancer per year

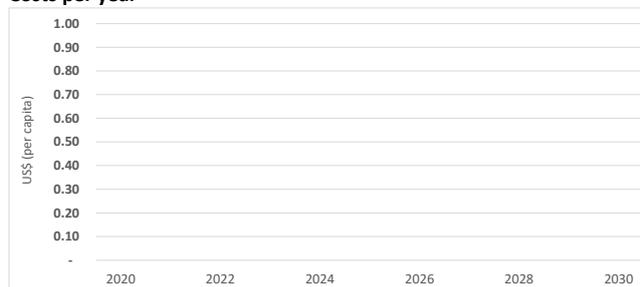


### INVESTMENT CASE (2019)

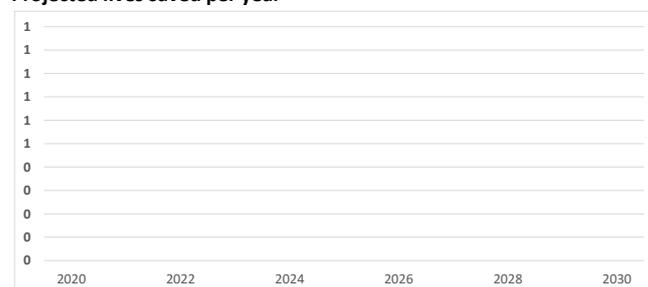
\*High income

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

#### Costs per year



#### Projected lives saved per year



# UNITED STATES OF AMERICA

## Cancer Country Profile 2020<sup>1</sup>

### HEALTH SYSTEM CAPACITY

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

Availability of population-based cancer registry (PBCR)**	2019	High quality PBCR
Quality of mortality registration***	2007-2016	High
# of external beam radiotherapy (photon,electron) <sup>a</sup>	2019	18.0
# of mammographs <sup>a</sup>	2020	84.9
# of CT scanners <sup>a</sup>	2020	65.2
# of MRI scanners <sup>a</sup>	2020	57.5
# of PET or PET/CT scanners <sup>a</sup>	2020	11.3

### 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	yes
# of radiation oncologist <sup>a</sup>	2019	n/a
# of medical physicist <sup>a</sup>	2019	41.6
# of surgeons <sup>a</sup>	2011	538.6
# of radiologist <sup>a</sup>	2019	182.6
# of nuclear medicine physician <sup>a</sup>	2019	18.3
# of medical & pathology lab scientists <sup>a</sup>	2010	2593.9

### FORMULATING RESPONSE

Integrated NCD plan	2019	operational
NCCP (including cancer types)	2019	operational
MPOWER measures fully implemented and achieved	2018	1
Cancer management guidelines	2019	yes
Palliative care included in their operational, integrated NCD plan	2019	yes
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	3
Breast cancer screening program	2019	yes
Breast cancer screening program: Starting age, target population	2019	20

# Public cancer centres per 10,000 cancer patients	2019	n/a
Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	3 cancer(s)
Pathology services	2019	generally available
Bone marrow transplantation capacity	2019	generally available
Palliative care availability: community/home-based care	2019	generally available
Availability of opioids* for pain management	2015-2017	32394

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

### GLOBAL INITIATIVES

#### Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	46
Cervical cancer screening	2019	yes
Screening programme type	2019	opportunistic
Screening programme method	2019	PAP smear
Screening participation rates	2019	<10%
Early detection programme/guidelines	2019	yes
Defined referral system	2019	yes

#### Global Initiative for Childhood Cancer

Annual cancer cases (0-14 years old)	2020	12284
Early detection programme/guidelines	2019	don't know
Defined referral system	2019	don't know

#### Annual cancer cases (0-14 years old)

