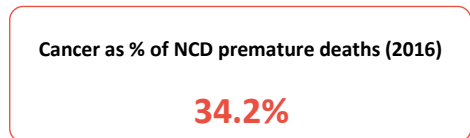
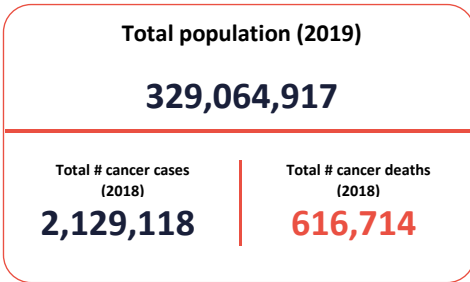


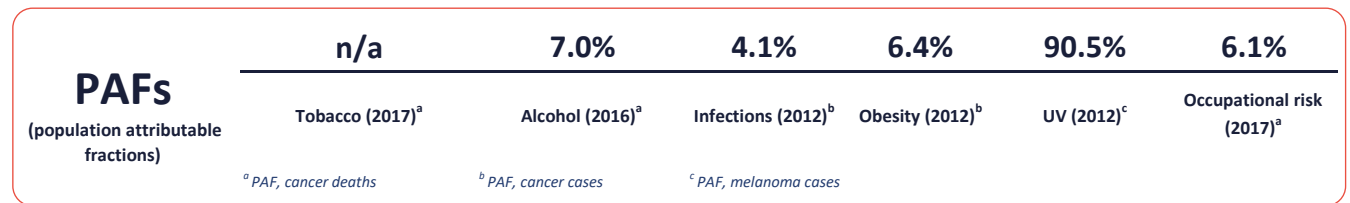
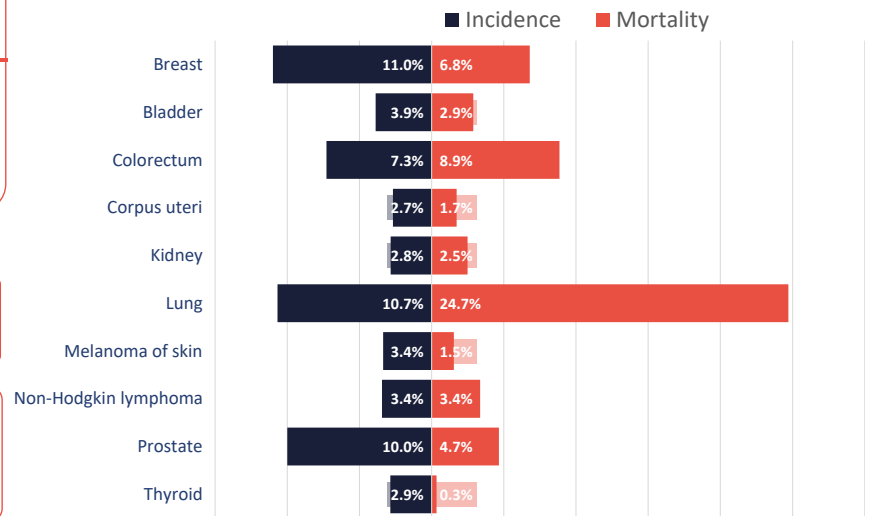
# UNITED STATES OF AMERICA

Cancer Country Profile 2020

## BURDEN OF CANCER

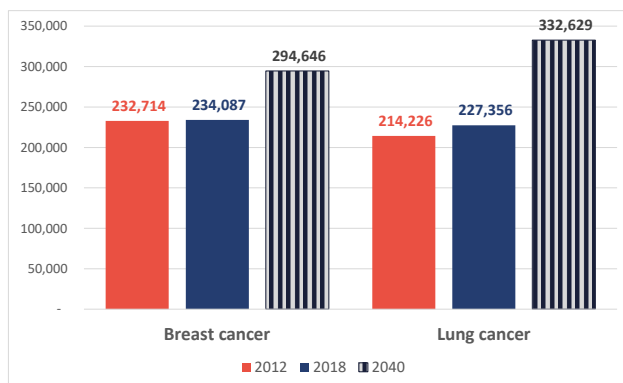


### Most common cancer cases (2018)

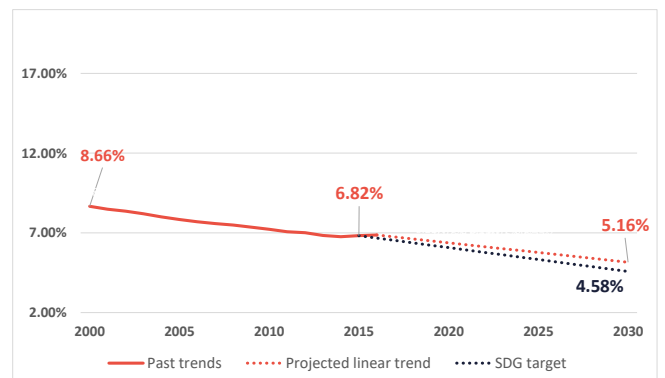


## TRENDS

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



Probability of premature death from cancer per year

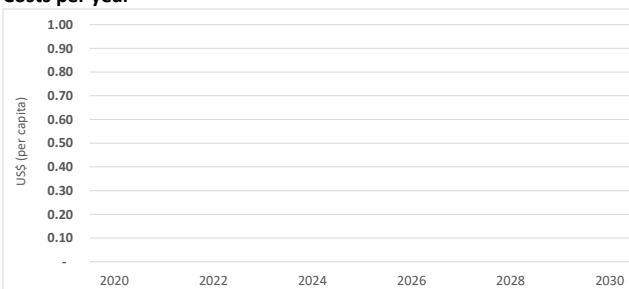


## INVESTMENT CASE (2019)

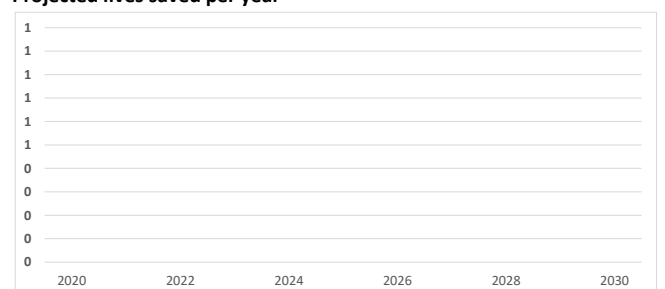
\*High income

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

## 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)

