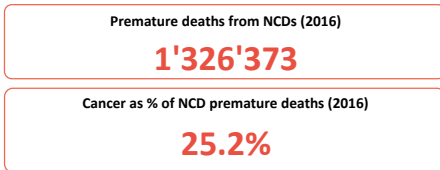
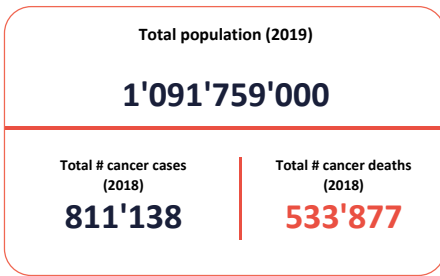


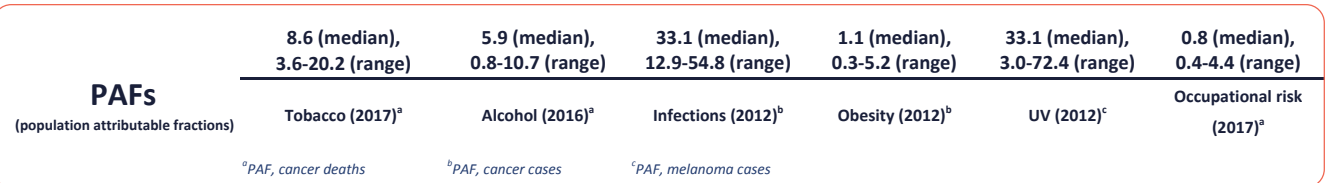
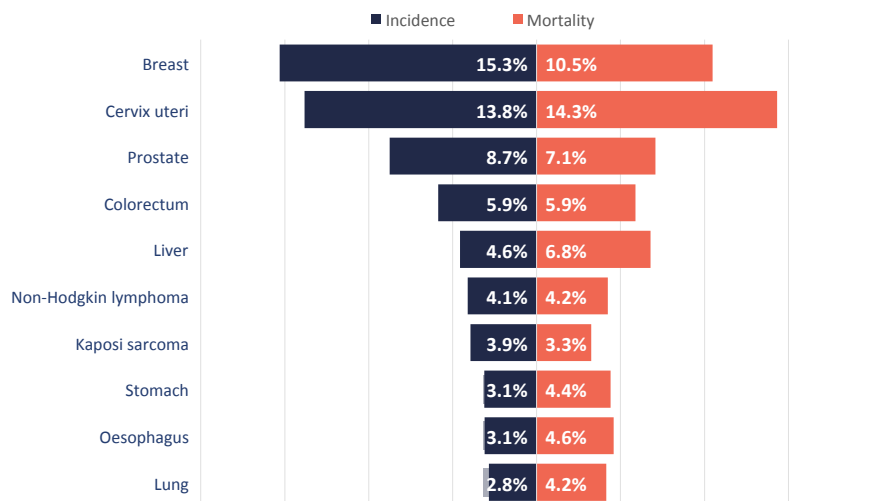
AFRO (AFRICA REGION)

WHO Cancer Regional Profile 2020

BURDEN OF CANCER

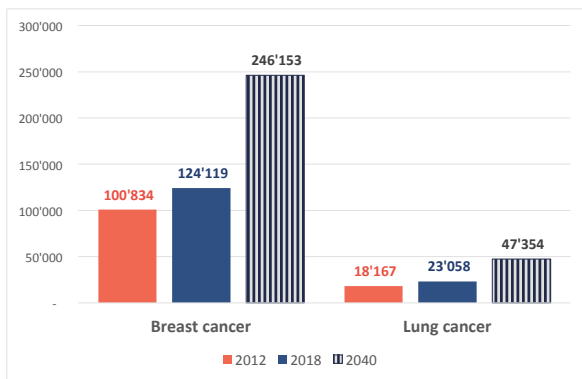


Most common cancer cases (2018)

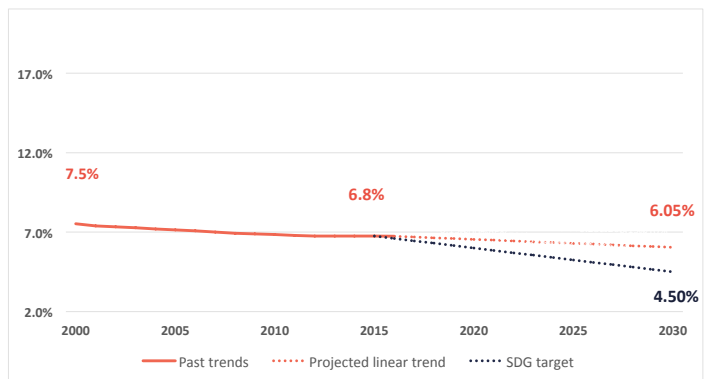


TRENDS

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



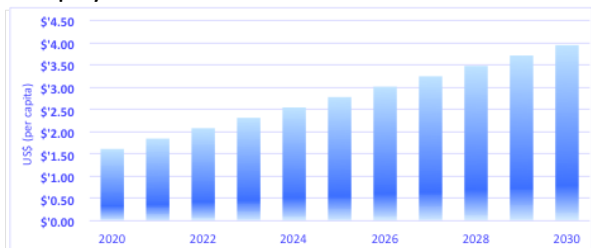
Probability of premature death from cancer per year



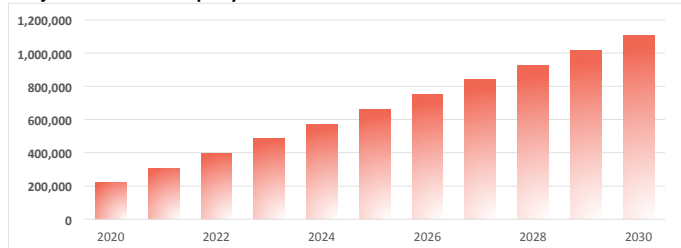
INVESTMENT CASE (2019)

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

Costs per year



Projected lives saved per year



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HEALTH SYSTEM CAPACITY

^aper 10,000 cancer patients

Availability of population-based cancer registry (PBCR)**	2019	15% of countries have high-quality PBCR
Quality of mortality registration***	2007-2016	2% of countries have high quality coverage
# of external beam radiotherapy (photon,electron) ^a	2019	0.3 (median), 0-11.9 (range)
# of mammographs ^a	2020	10.4 (median), 0-62.4 (range)
# of CT scanners ^a	2020	11.5 (median), 0-108.1 (range)
# of MRI scanners ^a	2020	1.3 (median), 0-28.3 (range)
# of PET or PET/CT scanners ^a	2020	0 (median), 0-15.6 (range)

WORKFORCE

^aper 10,000 cancer patients

Available staff in Ministry of Health who dedicates significant proportion of their time to cancer	2019	81% of countries have MoH staff with dedicated time for cancer
# of radiation oncologist ^a	2019	0 (median), 0-6 (range)
# of medical physicist ^a	2019	2 (median), 0-27 (range)
# of surgeons ^a	2019	52 (median), 11-889 (range)
# of radiologist ^a	2019	19 (median), 0-264 (range)
# of nuclear medicine physician ^a	2019	0 (median), 0-21 (range)
# of medical & pathology lab scientists ^a	2019	203 (median), 3-1643 (range)

FORMULATING RESPONSE

Integrated NCD plan	2019	55% of countries have operational integrated NCD plans	# Public cancer centres per 10,000 cancer patients	2019	1 (median), 0-15 (range)
NCCP (including cancer types)	2019	38% of countries have operational cancer plan	Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	2% of countries have all 4 cancer early detection programme/guidelines
MPOWER measures fully implemented and achieved	2018	0 (median), 0-4 (range)	Pathology services	2019	57% of countries have generally available pathology services
Cancer management guidelines	2019	49% of countries have cancer guideline	Bone marrow transplantation capacity	2019	2% of countries have generally available BMT
Palliative care plan	2019	47% of countries have operational NCD integrated plan that includes palliative care	Palliative care availability: community/home-based care	2019	11% of countries have generally available palliative care
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	30% of the countries have generally available treatment capacity	Availability of opioids* for pain management	2015-2017	3 (median), 0-475 (range)
Breast cancer screening program	2019	17% of countries have breast cancer screening	*Defined daily doses for statistical purposes (S-DDD) per million inhabitants per day		
Breast cancer screening program: Starting age, target population	2019	40% of countries adhere to best practices			

GLOBAL INITIATIVES

Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	15% of countries have ≥ 50% coverage; 4% have ≥ 90% coverage
Cervical cancer screening	2019	21% of countries have cervical cancer screening programme
Screening programme type	2019	4% of countries have organized, population-based programme
Screening programme method	2019	2% of countries use HPV test as their screening programme method
Screening participation rates	2019	0% of countries have >70% coverage
Early detection programme/guidelines	2019	36% of countries have early detection programme/guidelines
Defined referral system	2019	57% of countries have defined referral system

Global Initiative for Childhood Cancer

Annual cancer cases (0-14 years old)	2020	61'552
Early detection programme/guidelines	2019	6% of countries have early detection programme/guidelines
Defined referral system	2019	13% of countries have defined referral system

Annual cancer cases (0-14 years old)

