
Prostate cancer in Bermuda, 2010-2019

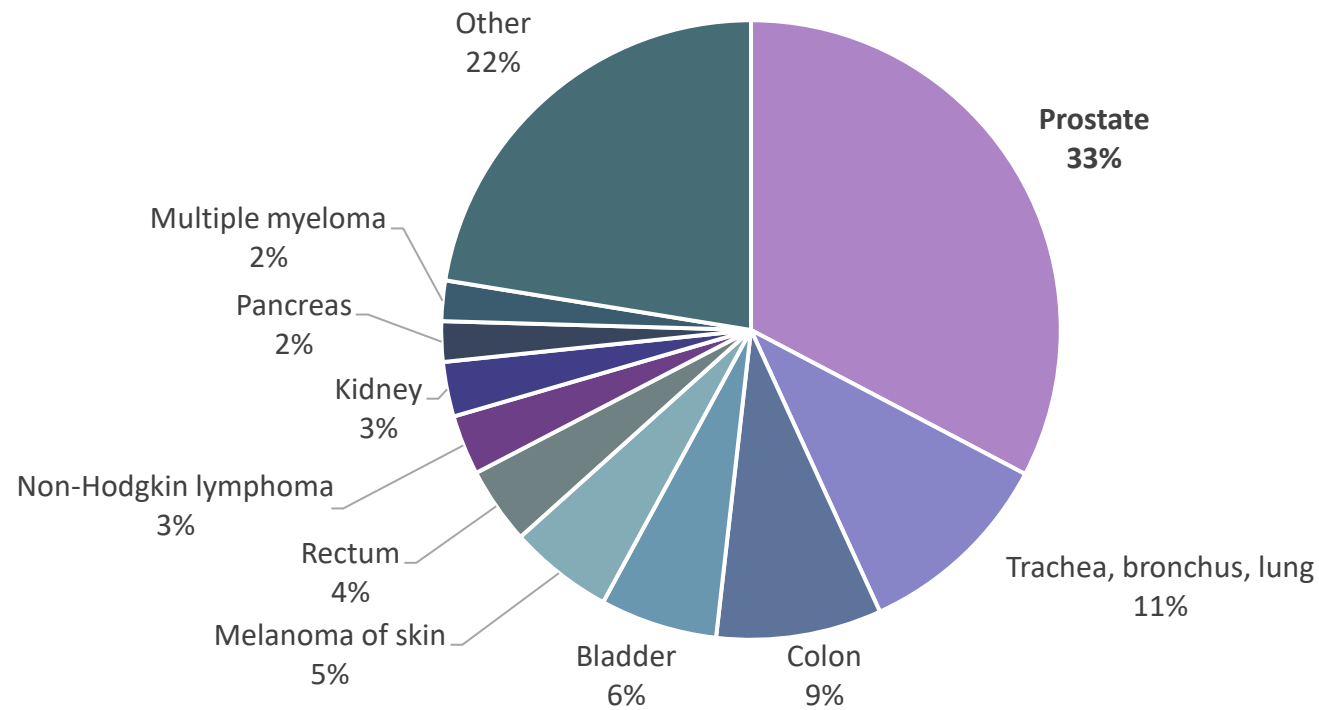
BERMUDA CANCER AND HEALTH CENTRE

Kelsey K Case, 15 March 2023

Prostate cancer in Bermuda

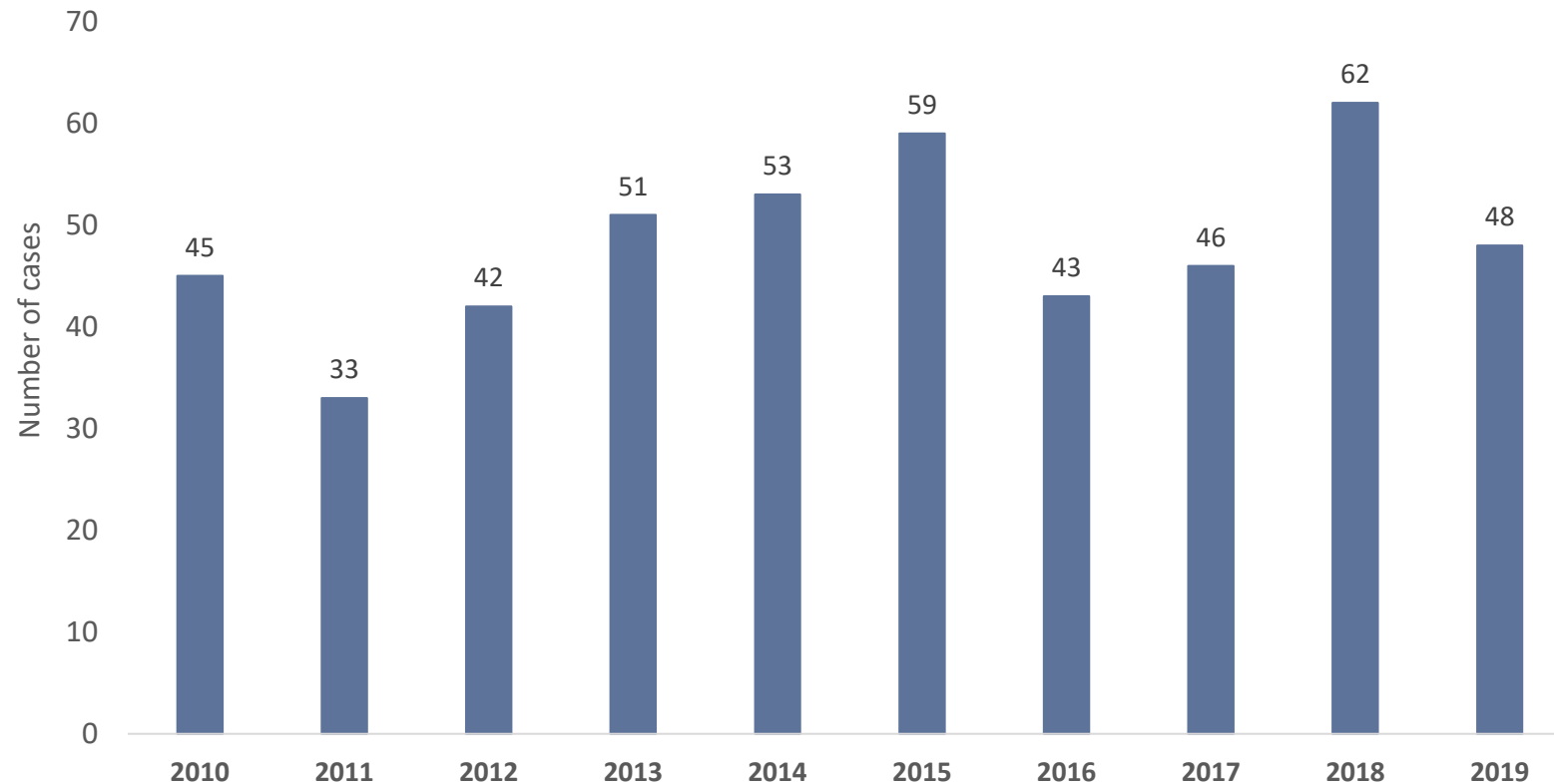
- Prostate cancer is the #1 cancer affecting men in Bermuda
- Excluding non-melanoma skin cancer, prostate cancer accounts for 1/3 of the cancer diagnoses among men in Bermuda
- Average of 52 cases of prostate cancer diagnosed per year in Bermuda
- 98% of prostate cancer cases in Bermuda are diagnosed in men aged 50 and older
- Incidence rates for prostate cancer are highest among males aged 65-79 years
- Incidence rates (crude) of prostate cancer have increased over time, but this is due to changing population dynamics – ageing population in Bermuda. Age-standardized rates have not changed.
- Mortality rates from prostate cancer have declined 2010-2019 with a 63% drop in 2019 compared to 2010.

Top 10 cancer sites: Male, Bermuda, 2010-2019, % of cancer cases



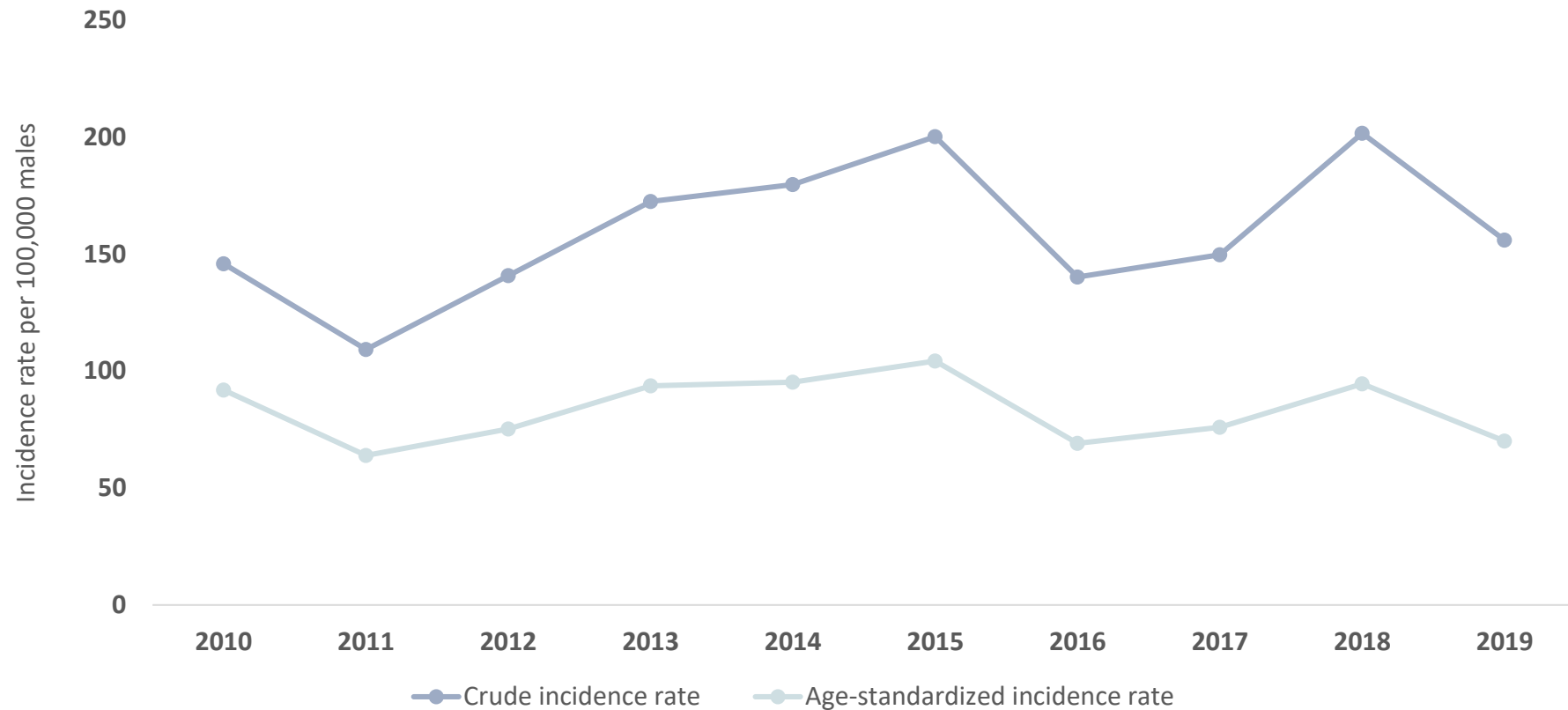
Notes: Excludes carcinoma in situ and non-melanoma skin cancer

New prostate cancer diagnoses, Bermuda, 2010-2019



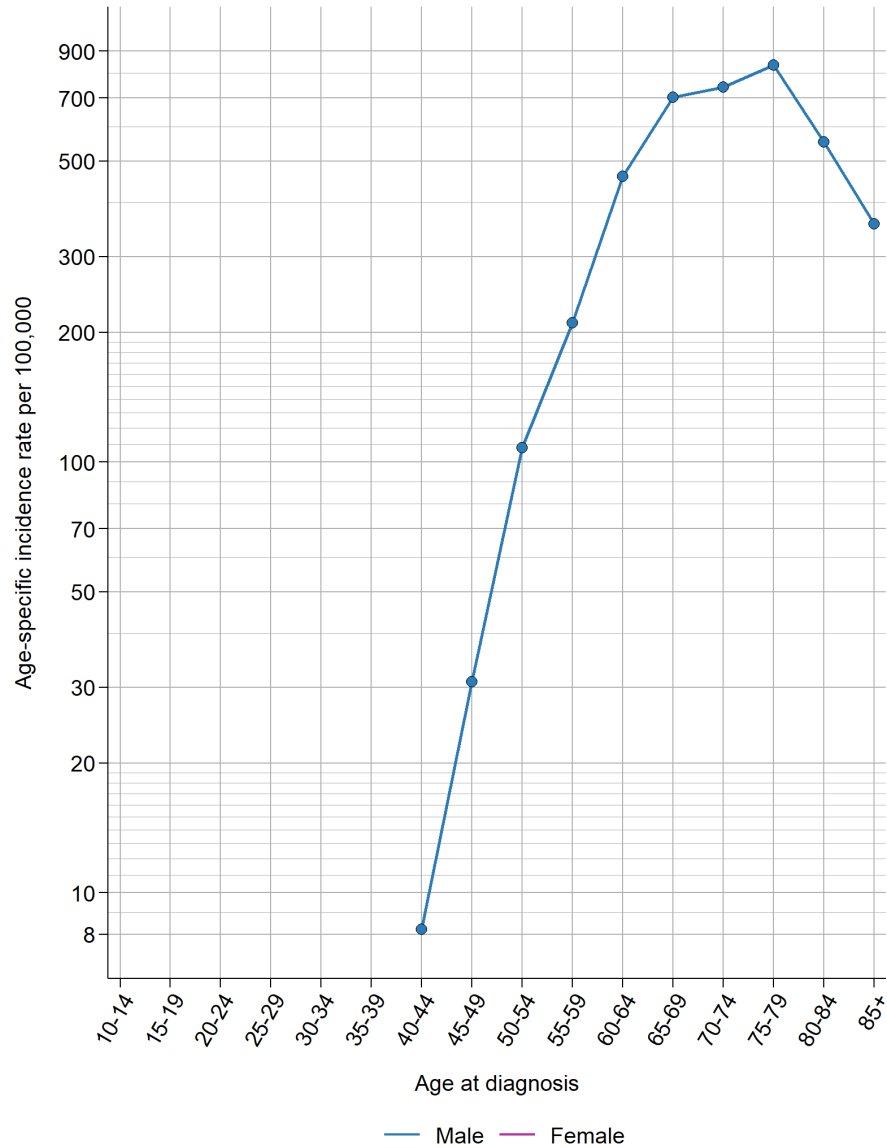
Source: Bermuda National Tumour Registry

Trends in prostate cancer incidence, Bermuda, 2010-2019



Source: Bermuda Cancer and Health Centre analysis of Bermuda National Tumour Registry data

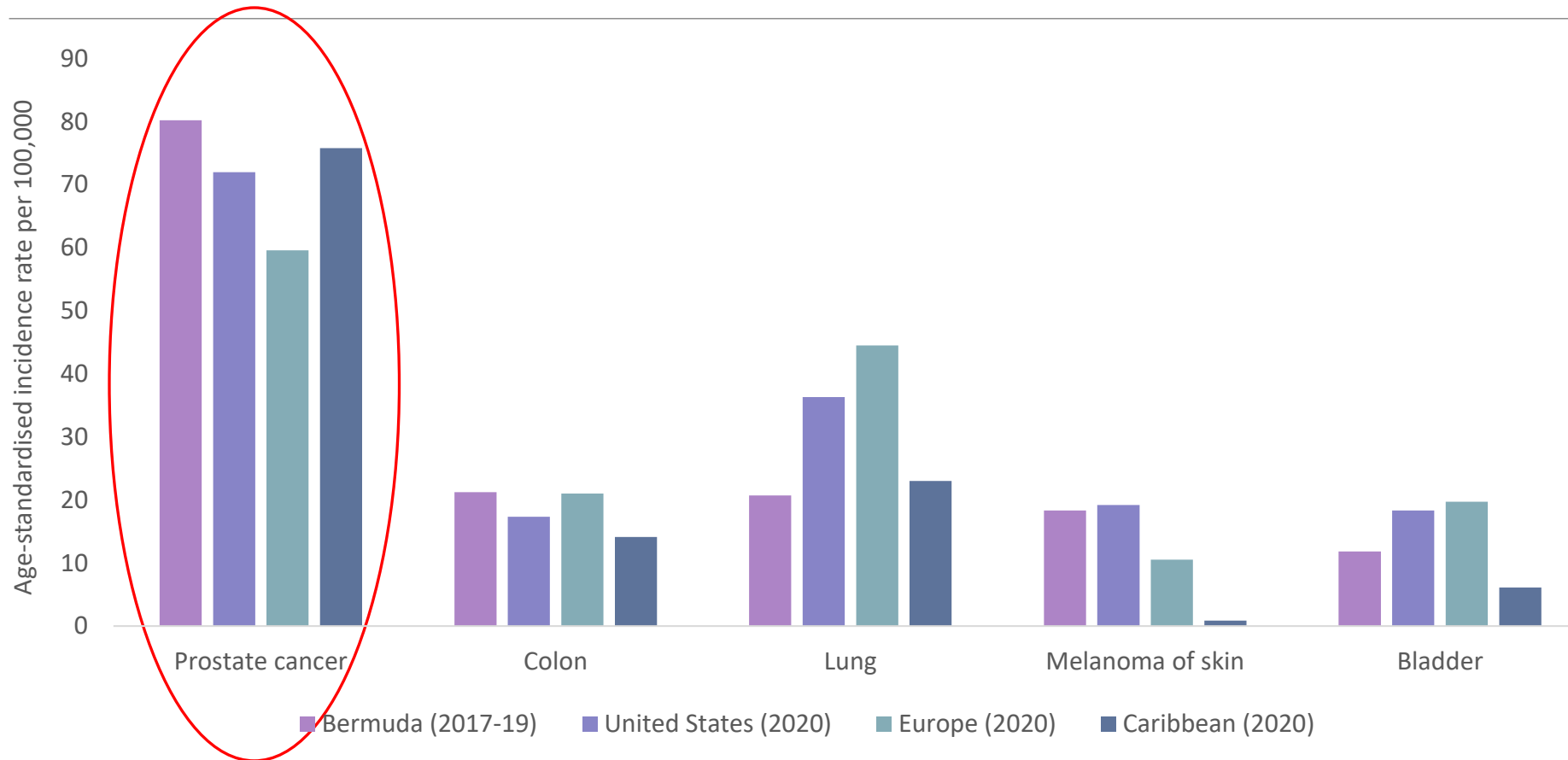
Prostate
(C61)



Prostate cancer age-specific incidence rates per 100,000, Bermuda

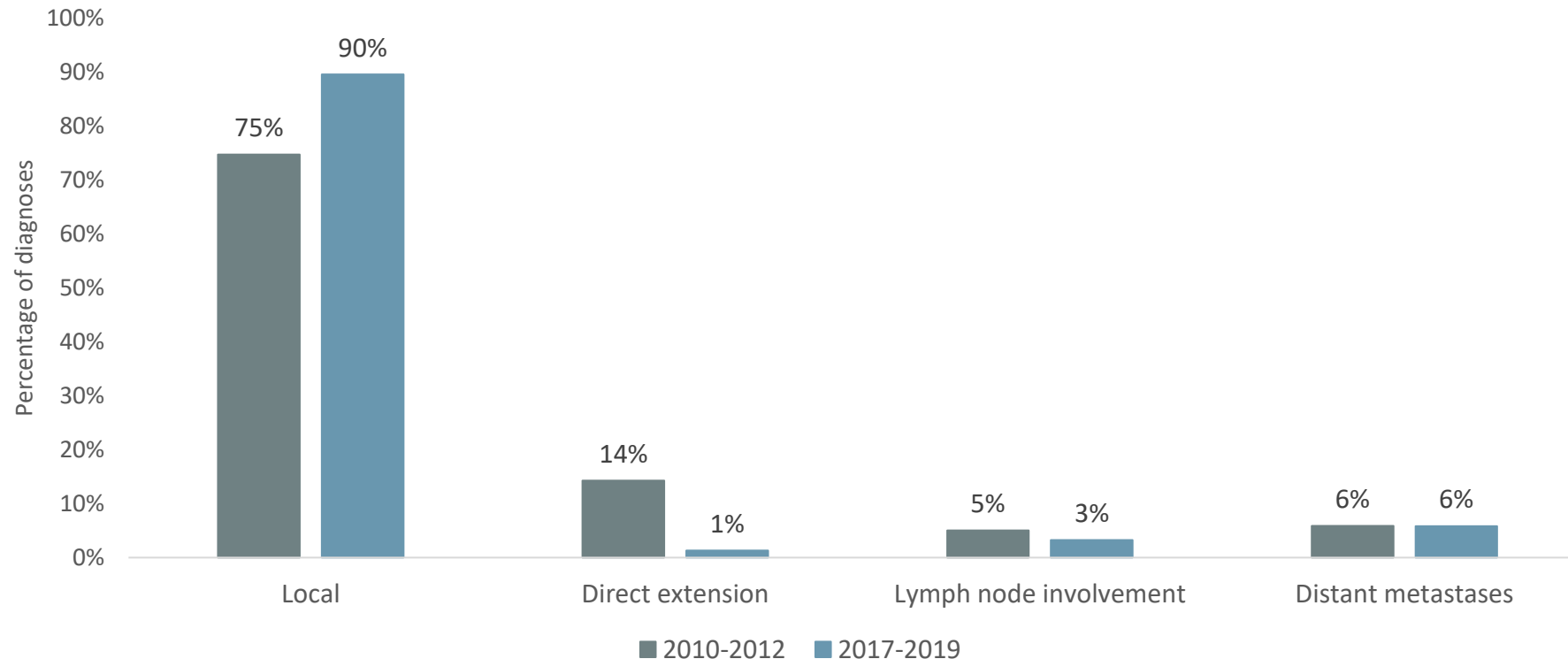
Source: Bermuda Cancer and Health Centre analysis of Bermuda National Tumour Registry data 2010-2019 combined

Comparison of incidence rates by major cancer site - males



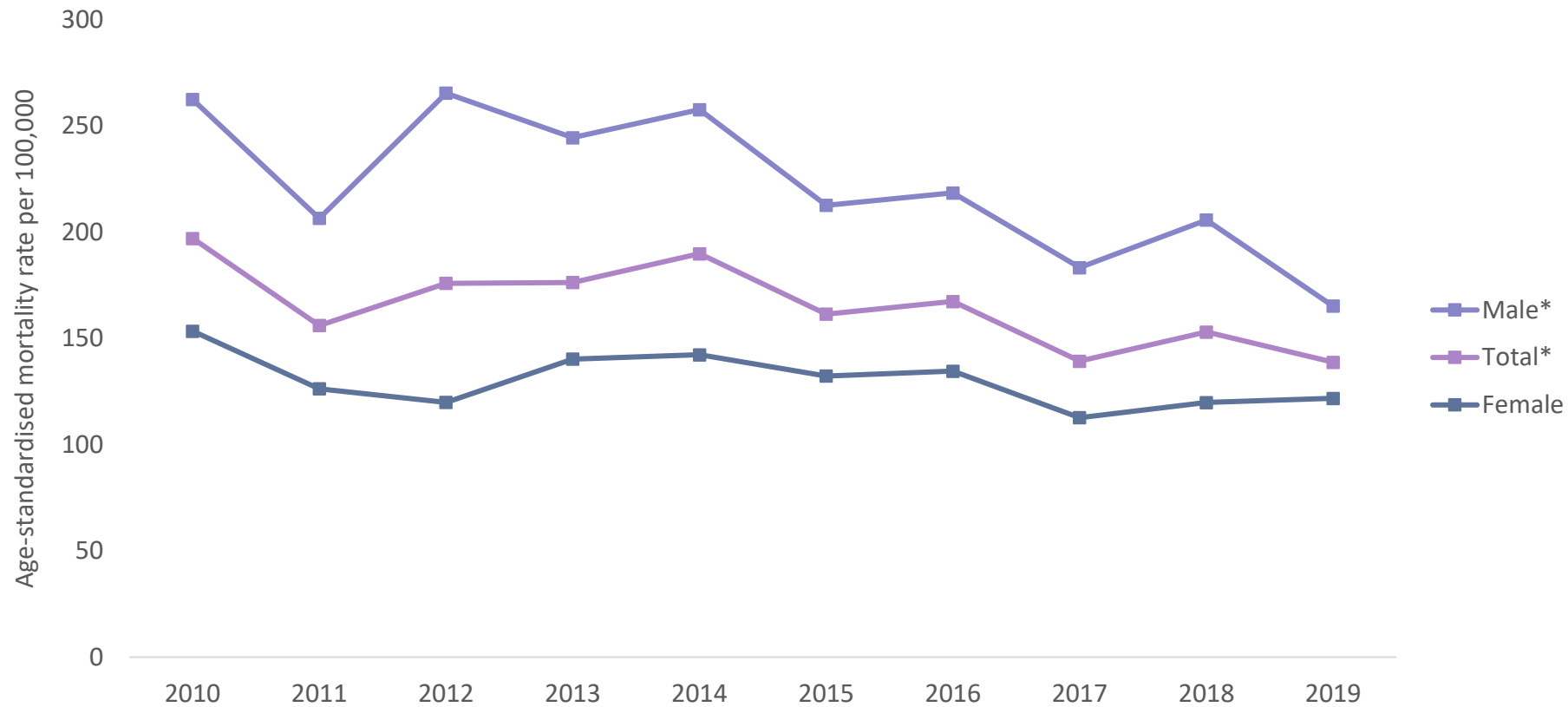
Age-standardised rates (World) per 100,000. Data sources: Bermuda National Tumour Registry 2017-19 average; GLOBOCAN 2020.

Prostate cancer: Stage at diagnosis, percentage of all diagnoses, 2010-2012 vs 2017-2019,

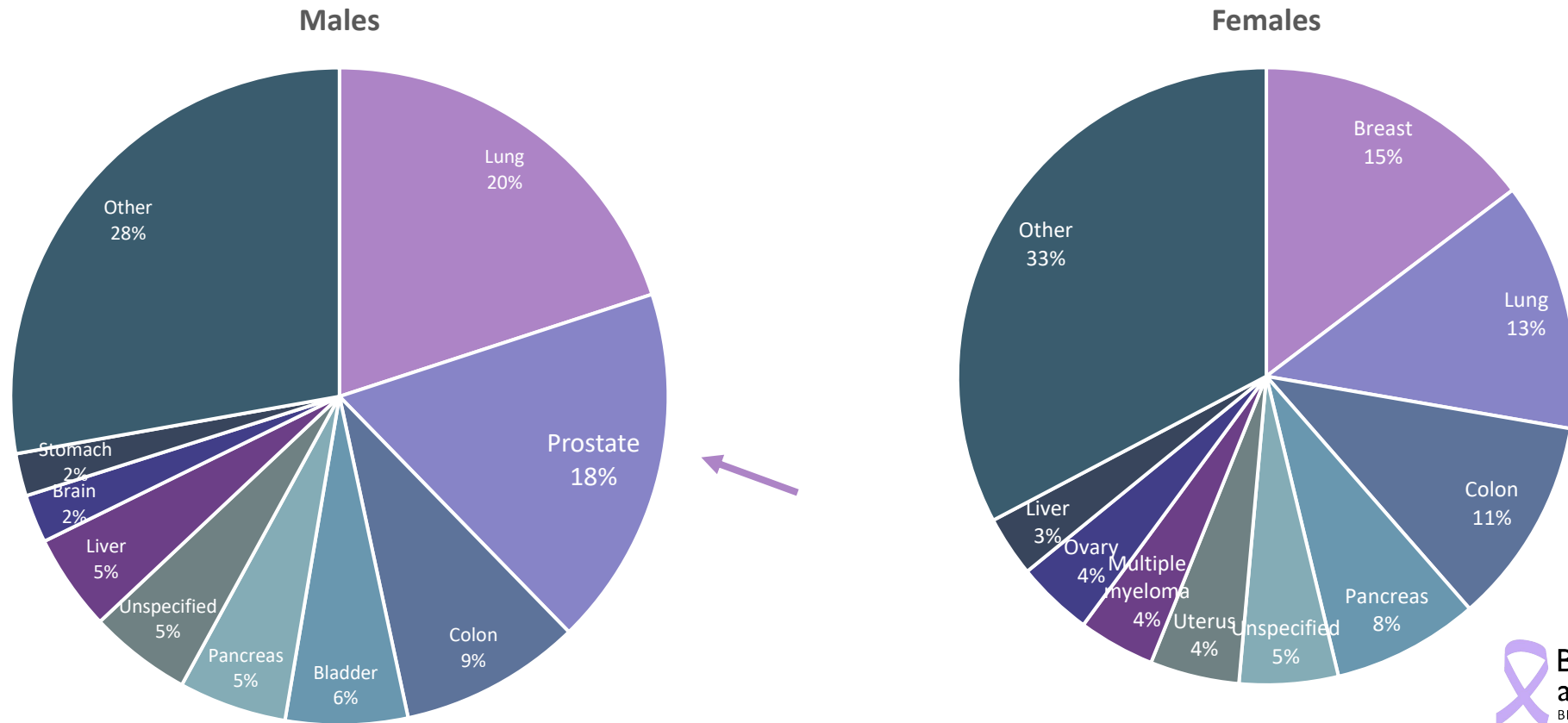


Mortality

Age-standardised cancer mortality rates, Bermuda, 2000-2019

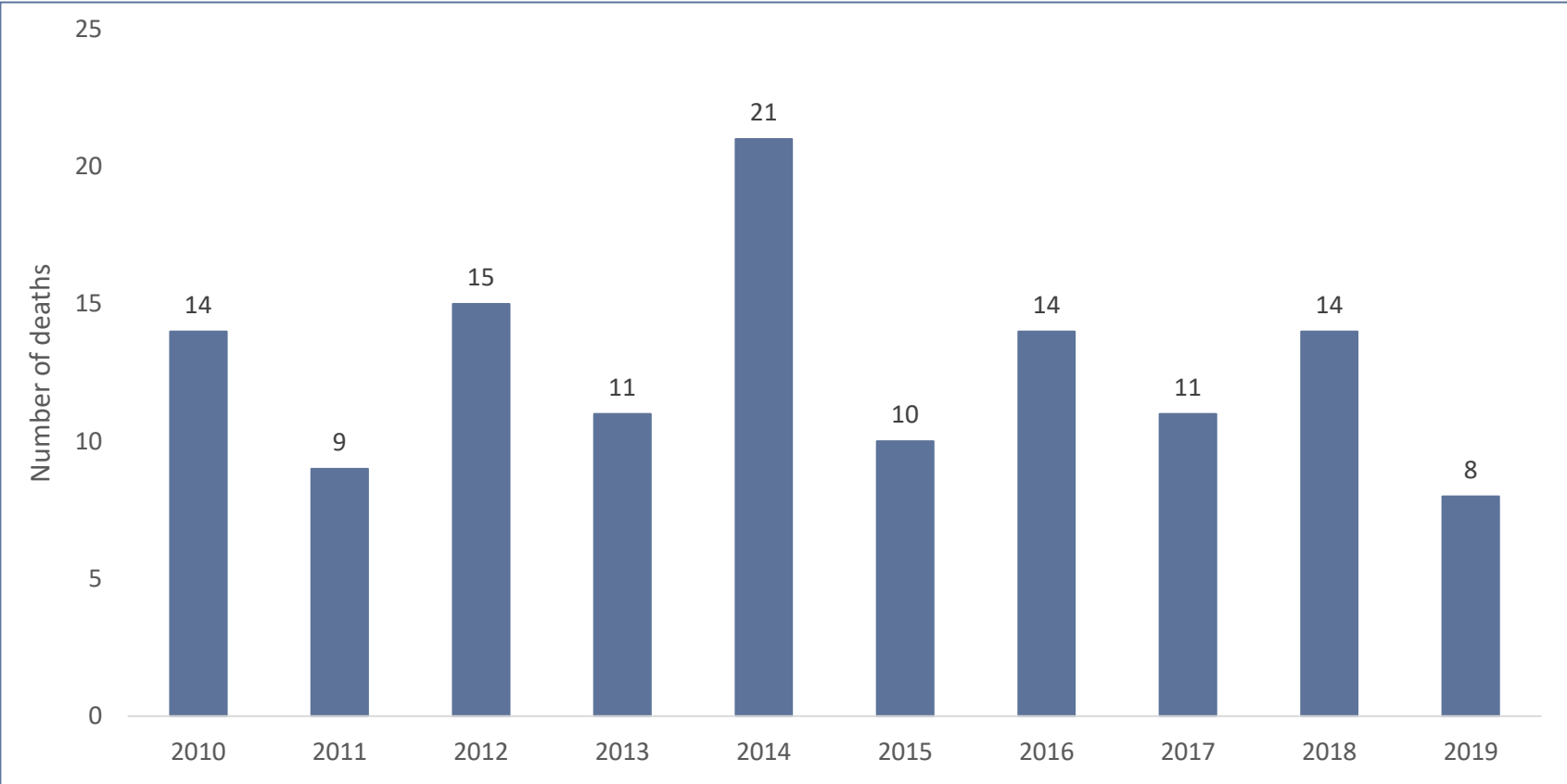


Most common causes of cancer deaths, percentage of deaths, by sex, 2010-2019



Data: Epidemiology and Surveillance Unit
Notes: C00-97

Prostate cancer: Number of deaths, Bermuda, 2000-2019

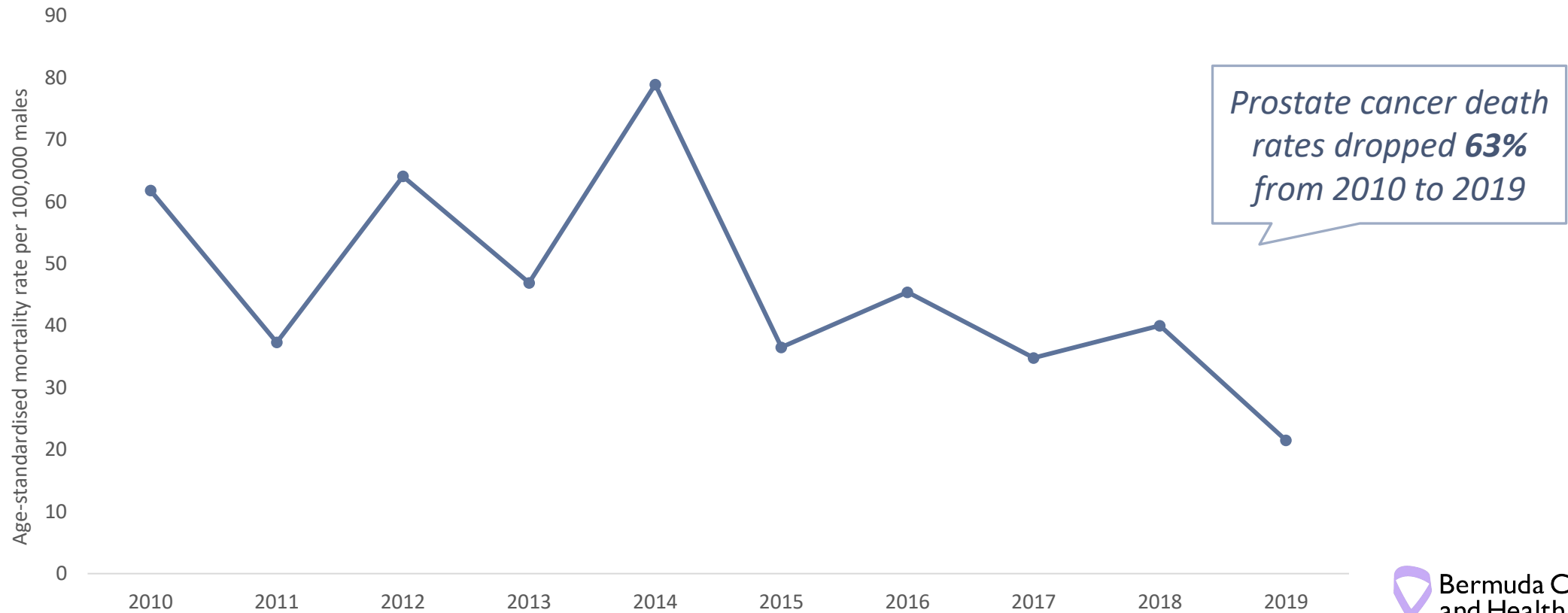


Data: Epidemiology and Surveillance Unit



Prostate cancer: Mortality trends over time

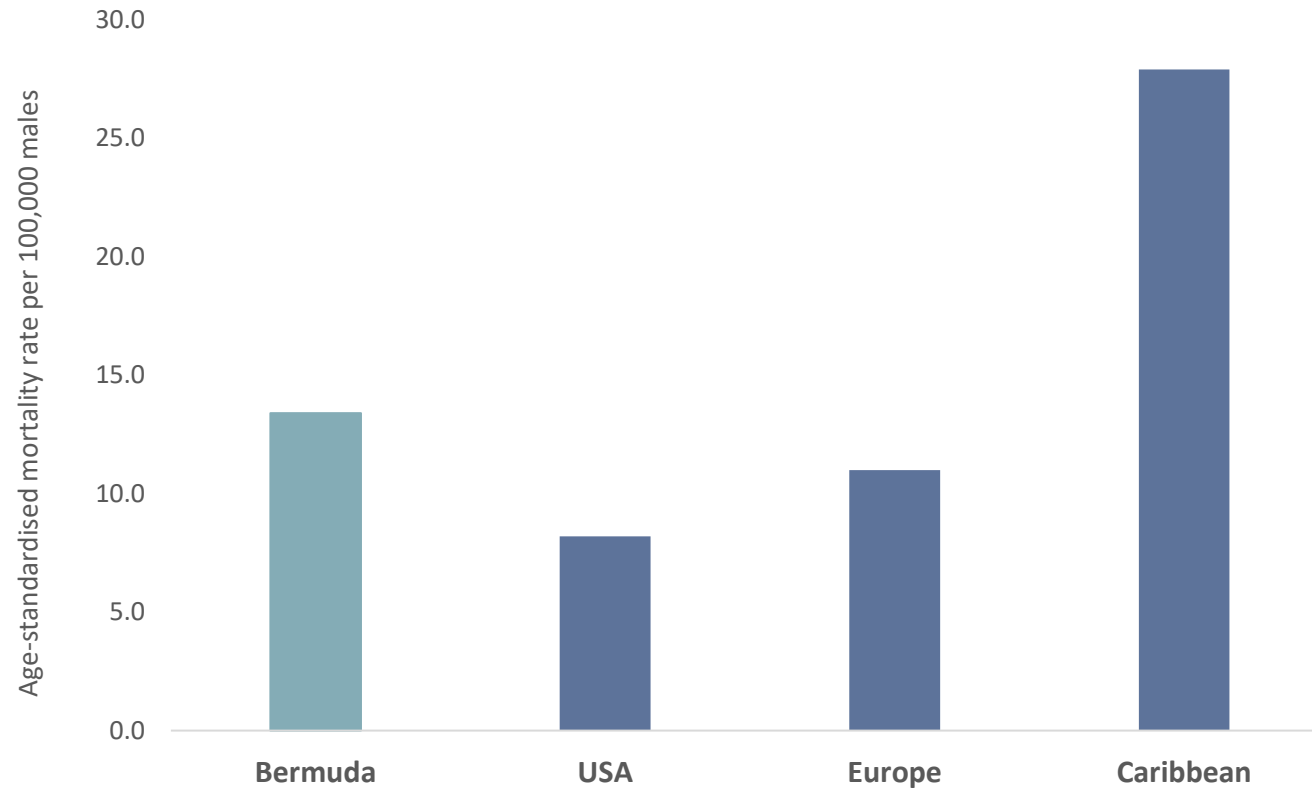
Age-standardised mortality rates, Bermuda, 2000-2019



Data: Epidemiology and Surveillance Unit

Notes: Rates are per 100,000 age-adjusted to the 2000 US Std Million (18 age groups) standard

Comparison of prostate cancer mortality rates, 2020



Data: Bermuda data represent 2017-2019 average, data provided by Epidemiology and Surveillance Unit; US, Europe, Caribbean statistics are from GLOBOCAN. Rates are per 100,000 age-adjusted to the World (Segi 1960) standard