

# Prostate Cancer

## State of Texas



Prostate cancer results from abnormal, uncontrolled cell growth of cells in the prostate. It is the most commonly diagnosed cancer in men. Some prostate cancers grow rapidly, but most grow slowly. While the causes of prostate cancer remain unknown, obesity may increase the risk of having more advanced prostate cancer.

### Prostate Cancer Facts

1 in 9 men in America will be diagnosed with prostate cancer, with an average age (years) at diagnosis of 66.

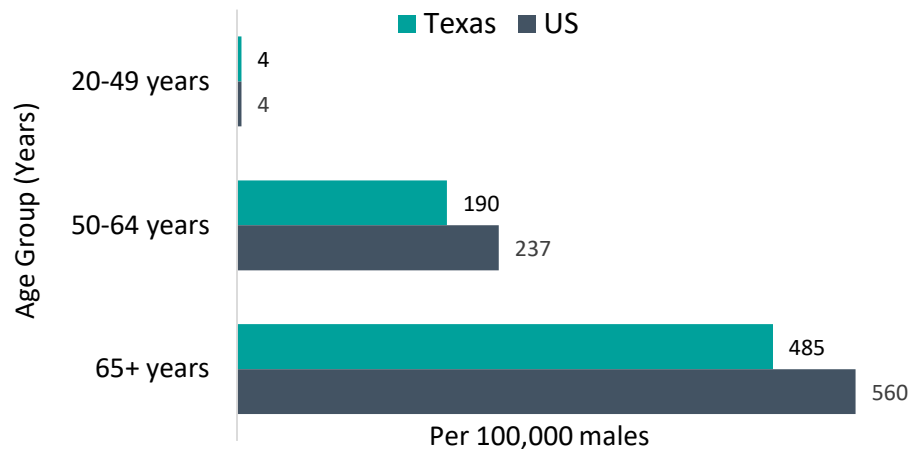
African-American men have a higher risk of developing prostate cancer compared with men of other races, and are twice as likely to die of prostate cancer than white men.

While prostate cancer is the 2<sup>nd</sup> leading cause of cancer-related deaths in men, most men diagnosed with prostate cancer will die from a different cause.

Screening can help detect prostate cancer in very early stages. Men should discuss their prostate cancer risks / concerns with their doctor and decide whether they should get tested.

### Prostate Cancer Incidence – 2012-2016

The 5-year average age-adjusted prostate cancer incidence rate was **92 per 100,000** for Texas and **110 per 100,000** for the US.



### By Race/Ethnicity

	Incidence Rate (per 100,000)	
	Texas	US
Non-Hispanic White	92	105
Black *	152	177
American Indian or Alaska Native *	61	55
Asian or Pacific Islander *	46	56
Hispanic	76	93

\* Rate at state level does not include Hispanics, rate at national level includes Hispanics

## Medicaid Reimbursement – FY 2017

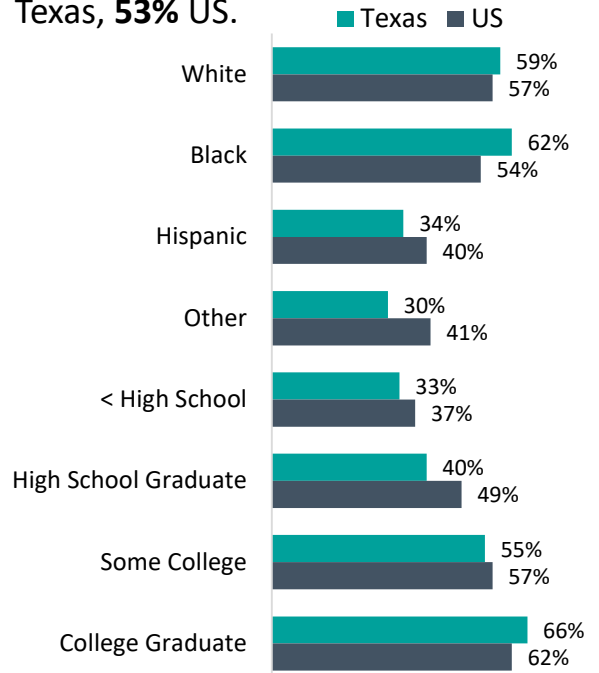
In Fiscal Year 2017, Medicaid paid over \$3 million to cover prostate cancer costs in Texas. This represents only a portion of costs since Medicare, not Medicaid, provides coverage for those most at risk of prostate cancer: adults ages 65 years and older.

### Cost of Services Among Medicaid Beneficiaries Diagnosed with Prostate Cancer in Texas

Type of Claim	Total Cost	Number of Beneficiaries	Average cost per Beneficiary
Inpatient	\$726,999	145	\$5,014
Outpatient	\$997,486	1,990	\$501
Professional	\$1,668,414	4,184	\$399
<b>Total</b>	<b>\$3,392,899</b>	<b>4,485</b>	<b>\$757</b>

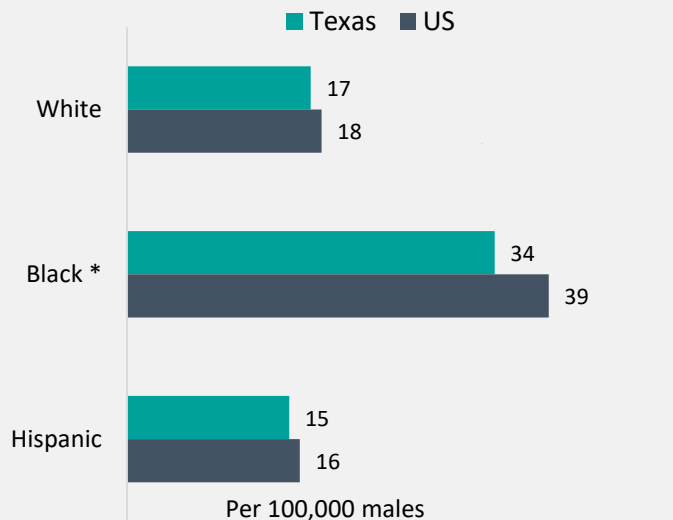
## Prostate Cancer Screening - 2016

Estimated prevalence of ever having a PSA test, males ages 40 years and older: **51% Texas, 53% US.**



## Prostate Cancer Mortality – 2012-2016

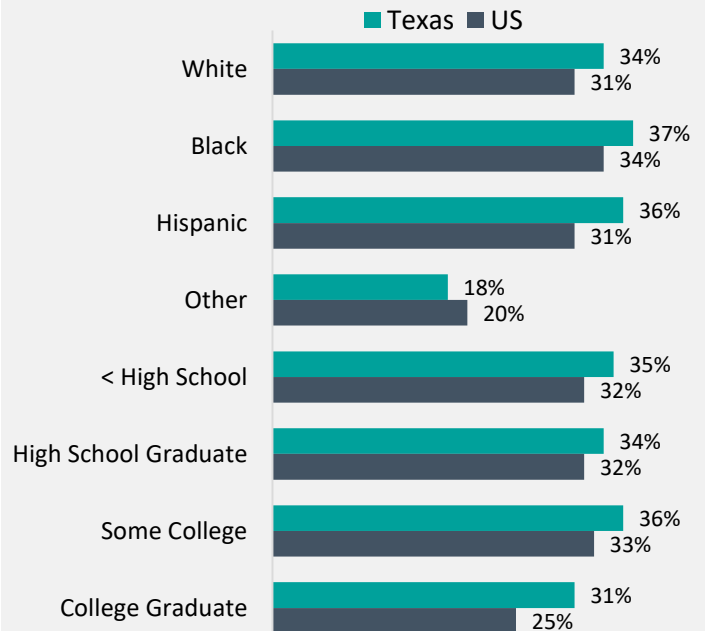
The 5-year age-adjusted mortality rate for prostate cancer was **17 per 100,000** for Texas and **19 per 100,000** for the US.



\* State rate is non-Hispanic while national rate includes Hispanic origin

## Risk Factor Prevalence - 2017

An estimated **34%** of Texas and **30%** of US adult males were obese (body mass index  $\geq 30$  kg/m<sup>2</sup>).



Data Sources: Cancer facts, American Cancer Society <https://www.cancer.org/cancer/prostate-cancer/about.html> and Centers for Disease Control and Prevention, [https://www.cdc.gov/cancer/prostate/basic\\_info/risk\\_factors.htm#basic\\_info/](https://www.cdc.gov/cancer/prostate/basic_info/risk_factors.htm#basic_info/); Incidence, Texas, Texas Cancer Registry online at <https://www.cancer-rates.info/tx/> and US online at [https://seer.cancer.gov/explorer/application.php?site=66&data\\_type=1&graph\\_type=2&compareBy=](https://seer.cancer.gov/explorer/application.php?site=66&data_type=1&graph_type=2&compareBy=race&hdn_sex=&chk_race_1=1&chk_age_range_1=1&chk_data_type_1=1&advopt_precision=1&advopt_display=2&showDataFor=age_range_1_and_data_type_1) <https://www.cancer-rates.info/tx/> and US online at [https://seer.cancer.gov/explorer/application.php?site=66&data\\_type=2&graph\\_type=10&compareBy=age\\_range&hdn\\_sex=&chk\\_race\\_1=1&chk\\_age\\_range\\_1=1&hdn\\_stage=&advopt\\_precision=1](https://seer.cancer.gov/explorer/application.php?site=66&data_type=2&graph_type=10&compareBy=age_range&hdn_sex=&chk_race_1=1&chk_age_range_1=1&hdn_stage=&advopt_precision=1); Prevalence, Texas Behavioral Risk Factor Surveillance System Public Use Data File, 2016 & 2017, Texas Department of State Health Services, Center for Health Statistics, and US online at <https://nccd.cdc.gov/weat/#/crossTabulation>; Texas Medicaid and Health Partnership Ad Hoc Query Platform Claims Universe, Fiscal Year 2017, as prepared by Data Quality & Dissemination, Strategic Decision Support, Texas Health and Human Services Commission.