Supplementary Table 1. State-level prostate cancer mortality burden among men in the United States, 1999-2020					
State	**Deaths, n**	**Population**	**Crude mortality rate**	**AAMR**	**95% CI for AAMR**
Alabama	11,664	50,162,467	23.3	26.5	26.0 to 27.0
Alaska	829	7,965,027	10.4	20.9	19.3 to 22.5
Arizona	13,189	68,702,182	19.2	19.8	19.4 to 20.1
Arkansas	6,854	30,979,265	22.1	23.6	23.0 to 24.1
California	70,285	405,743,433	17.3	21.9	21.7 to 22.0
Colorado	9,278	55,475,273	16.7	23.2	22.7 to 23.7
Connecticut	8,067	37,817,705	21.3	21.5	21.0 to 22.0
Delaware	2,001	9,463,676	21.1	21.7	20.8 to 22.7
District of Columbia	1,788	6,447,945	27.7	36.8	35.0 to 38.5
Florida	48,675	202,218,145	24.1	19.3	19.1 to 19.4
Georgia	17,563	102,335,638	17.2	25.3	25.0 to 25.7
Hawaii	2,510	14,808,963	16.9	16.2	15.6 to 16.9
Idaho	3,634	16,986,639	21.4	24.9	24.1 to 25.7
Illinois	27,178	137,003,051	19.8	23.5	23.2 to 23.8
Indiana	13,645	69,632,850	19.6	23.1	22.7 to 23.5
Iowa	7,785	33,075,852	23.5	23.0	22.5 to 23.5
Kansas	5,973	30,800,290	19.4	21.0	20.4 to 21.5
Kentucky	8,713	46,372,759	18.8	22.4	21.9 to 22.9
Louisiana	9,900	48,820,717	20.3	25.3	24.8 to 25.8
Maine	3,399	14,202,363	23.9	22.4	21.6 to 23.2
Maryland	11,977	61,101,577	19.6	23.7	23.3 to 24.1
Massachusetts	14,495	70,134,083	20.7	22.0	21.6 to 22.4
Michigan	21,469	107,610,044	20.0	21.9	21.6 to 22.2
Minnesota	11,961	57,787,796	20.7	23.2	22.8 to 23.6
Mississippi	7,627	31,311,884	24.4	29.8	29.1 to 30.5
Missouri	12,394	63,685,103	19.5	20.8	20.5 to 21.2
Montana	2,740	10,860,288	25.2	24.5	23.6 to 25.5
Nebraska	4,072	19,894,515	20.5	21.8	21.2 to 22.5
Nevada	5,228	29,063,259	18.0	22.2	21.6 to 22.8
New Hampshire	2,915	14,219,939	20.5	22.4	21.5 to 23.2
New Jersey	18,049	93,721,439	19.3	21.1	20.8 to 21.5
New Mexico	4,449	21,726,686	20.5	22.6	22.0 to 23.3
New York	39,900	206,148,960	19.4	21.2	21.0 to 21.4
North Carolina	19,976	100,275,492	19.9	24.0	23.6 to 24.3
North Dakota	1,747	7,698,302	22.7	22.7	21.7 to 23.8
Ohio	26,511	123,812,774	21.4	22.9	22.6 to 23.2
Oklahoma	8,100	40,422,939	20.0	22.6	22.1 to 23.1
Oregon	9,509	41,565,158	22.9	23.5	23.1 to 24.0
Pennsylvania	31,872	135,066,242	23.6	22.4	22.1 to 22.6
Rhode Island	2,454	11,245,750	21.8	21.9	21.1 to 22.8
South Carolina	10,943	48,913,736	22.4	25.8	25.3 to 26.3
South Dakota	2,061	8,981,947	22.9	22.9	21.9 to 23.9
Tennessee	13,472	67,341,154	20.0	23.5	23.1 to 23.9
Texas	38,490	272,510,495	14.1	20.7	20.4 to 20.9
Utah	4,442	30,060,717	14.8	23.7	23.0 to 24.4
Vermont	1,503	6,735,176	22.3	22.8	21.7 to 24.0
Virginia	16,141	85,421,161	18.9	23.7	23.4 to 24.1
Washington	14,088	73,617,654	19.1	22.7	22.3 to 23.1
West Virginia	4,283	19,757,232	21.7	20.7	20.1 to 21.4
Wisconsin	13,881	61,530,044	22.6	24.1	23.7 to 24.5
Wyoming	1,123	6,117,057	18.4	21.2	20.0 to 22.5

AAMR indicates age-adjusted mortality rate per 100,000 men. Prostate cancer deaths were identified using ICD-10 code C61 as the underlying cause of death in CDC WONDER Multiple Cause of Death data. Crude and age-adjusted mortality rates are expressed per 100,000 men. Female and total-sex rows were excluded. The District of Columbia was included as a state-level jurisdiction.

AAMR: Age-adjusted mortality rate, CI: Confidence interval, ICD-10: International Classification of Diseases, Tenth Revision, CDC WONDER: Centers for Disease Control and Prevention Wide-ranging Online Data for Epidemiologic Research

Supplementary Table 2. Prostate cancer mortality trends by 2013 urbanization category among men in the United States, 1999-2020										
2013 urbanization category	**Deaths, n**	**Population**	**AAMR in 1999**	**95% CI**	**AAMR in 2020**	**95% CI**	**Relative change, %**	**AAPC, %**	**95% CI**	**p value**
Large Central Metro	181,573	1,008,664,654	31.4	30.7 to 32.0	18.9	18.5 to 19.3	-39.8	-2.56	-2.81 to -2.31	<0.001
Large Fringe Metro	144,080	812,081,252	30.1	29.4 to 30.8	17.4	17.0 to 17.8	-42.2	-2.67	-3.01 to -2.34	<0.001
Medium Metro	136,642	687,844,184	30.7	30.0 to 31.5	18.4	18.0 to 18.8	-40.1	-2.71	-3.03 to -2.39	<0.001
Small Metro	65,060	306,465,400	31.4	30.3 to 32.5	18.6	17.9 to 19.2	-40.8	-2.73	-3.08 to -2.38	<0.001
Micropolitan (Nonmetro)	66,895	293,554,003	33.3	32.2 to 34.4	19.5	18.8 to 20.2	-41.4	-2.65	-3.01 to -2.29	<0.001
NonCore (Nonmetro)	56,552	208,738,397	33.5	32.3 to 34.7	19.3	18.6 to 20.1	-42.4	-2.94	-3.23 to -2.65	<0.001

AAMR indicates age-adjusted mortality rate per 100,000 men. Prostate cancer deaths were identified using ICD-10 code C61 as the underlying cause of death. Urban-rural categories were based on the 2013 National Center for Health Statistics Urban-Rural Classification Scheme. Female and total-sex rows were excluded. AAPC values for urban-rural categories were estimated using single-period log-linear regression of annual age-adjusted mortality rates from 1999 to 2020 and were not segmented by joinpoints.

CI: Confidence interval, AAPC: Average annual percent change, ICD-10: International Classification of Diseases, Tenth Revision, AAMR: Age-adjusted mortality rate