

Supplementary Table 2. Prostate cancer 5-year incidence rates (2009-2013), and annual percent changes (2004-2013) for men by age and

Characteristic	Men Age 50-74 years (N=752,915)				
	2009-2013	2004-2013			
	Rate (95% CI)	Interval 1	APC (95% CI)	Interval 2	APC (95% CI)
<b>Race/ethnicity</b>					
White <sup>a</sup>	372.3 (371.3-373.3)	2004-2007	5.1 (-5.3,16.6)	2007-2013	-7.3 <sup>^</sup> (-10.6,-4.0)
Black <sup>a</sup>	638.4 (634.7-642.2)	2004-2009	0.8 (-2.3,4.0)	2009-2013	-8.3 <sup>^</sup> (-12.2,-4.3)
Hispanic (any race)	298.9 (296.2-301.8)	2004-2009	-0.5 (-3.1,2.1)	2009-2013	-9.7 <sup>^</sup> (-12.9,-6.4)
American Indian or Alaska Native <sup>a</sup>	238.6 (229.8-247.8)	2004-2010	-1.1 (-3.3,1.1)	2010-2013	-9.7 <sup>^</sup> (-15.2,-3.8)
Asian or Pacific Islander <sup>a</sup>	189.8 (186.7-192.9)	2004-2011	-2.2 (-4.9,0.7)	2011-2013	-13.5 (-29.8,6.5)
<b>Region<sup>b</sup></b>					
Northeast	449.3 (447.1-451.6)	2004-2007	6.4 (-4.7,18.8)	2007-2013	-6.3 <sup>^</sup> (-9.8,-2.8)
Midwest	398.0 (395.9-400.0)	2004-2007	3.9 (-6.6,15.6)	2007-2013	-6.2 <sup>^</sup> (-9.5,-2.8)
South	394.3 (392.8-395.8)	2004-2007	5.8 (-1.9,14.2)	2007-2013	-6.6 <sup>^</sup> (-9.0,-4.2)
West	370.6 (368.7-372.5)	2004-2010	-1.7 (-4.6,1.4)	2010-2013	-11.4 <sup>^</sup> (-19.3,-2.8)
<b>% persons in county &lt; poverty level</b>					
<5% (low poverty)	439.6 (428.4,451.1)	2004-2007	11.6 (-0.4,24.9)	2007-2013	-7.6 <sup>^</sup> (-10.8,-4.4)
5 - 9%	419.5 (417.1,421.9)	2004-2007	6.4 (-2.9,16.5)	2007-2013	-7.1 <sup>^</sup> (-9.8,-4.2)
10 - 19%	394.2 (393.1,395.3)	2004-2007	4.4 (-5.0,14.8)	2007-2013	-6.7 <sup>^</sup> (-9.6,-3.6)
20%+ (high poverty)	402.4 (400.0,404.9)	2004-2007	4.7 (-4.6,15.0)	2007-2013	-5.6 <sup>^</sup> (-8.6,-2.6)
<b>SEER Summary Stage</b>					
Localized	318.5 (317.7-319.3)	2004-2007	5.4 (-4.4,16.2)	2007-2013	-7.5 <sup>^</sup> (-10.5,-4.4)
Regional	50.3 (50.0-50.6)	2004-2009	1.2 (-2.2,4.8)	2009-2013	-5.3 <sup>^</sup> (-9.6,-0.8)
Distant	12.8 (12.6-12.9)	2004-2008	-1.1 (-2.7,0.5)	2008-2013	1.4 <sup>^</sup> (0.3,2.5)
Unstaged	18.5 (18.3-18.7)	2004-2013	-2.2 <sup>^</sup> (-4.2,0.0)		

demographic characteristics, United States

Abbreviations: N= case count; % = percent ; CI = confidence interval; AAPC= average annual percent change; APC=annual percent change

Data excludes Nevada, Kansas and Minnesota and covers 96.5% of the US population.

Rate = cases per 100,000

a Non-Hispanic

b Categorized by US census region

Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130) standard; Confidence intervals (Tiwari mod) are 95% for rates and ratios.

^ APC/AAPC is significantly different from zero at alpha = 0.05

"--" Joinpoint cannot analyze because weight variable <=0

Table 2 (continued). Prostate cancer 5-year incidence rates (2009-2013), and annual percent changes (2004-2013) by age and

Characteristic	Men Age 75+ years (N=164,735)				
	2009-2013	2004-2013			
	Rate (95% CI)	Interval 1	APC (95% CI)	Interval 2	APC (95% CI)
<b>Race/ethnicity</b>					
White <sup>a</sup>	425.8 (423.4-428.1)	2004-2007	0.3 (-7.0,8.2)	2007-2013	-10.3 <sup>^</sup> (-13.1,-7.5)
Black <sup>a</sup>	620.8 (611.3-630.5)	2004-2007	-0.1 (-6.7,7.0)	2007-2013	-9.8 <sup>^</sup> (-12.1,-7.4)
Hispanic (any race)	431.2 (423.0-439.6)	2004-2008	-1.8 (-4.6,1.1)	2008-2013	-11.8 <sup>^</sup> (-13.8,-9.9)
American Indian or Alaska Native <sup>a</sup>	359.4 (329.7-391.1)	2004-2013	-8.0 <sup>^</sup> (-11.1,-4.8)		
Asian or Pacific Islander <sup>a</sup>	310.5 (300.9-320.3)	2004-2013	-8.5 <sup>^</sup> (-10.4,-6.5)		
<b>Region<sup>b</sup></b>					
Northeast	493.3 (488.1-498.5)	2004-2006	6.2 (-12.6,28.9)	2006-2013	-8.2 <sup>^</sup> (-10.8,-5.5)
Midwest	462.3 (457.4-467.3)	2004-2007	-0.7 (-7.9,7.0)	2007-2013	-9.5 <sup>^</sup> (-12.2,-6.8)
South	443.7 (440.2-447.3)	2004-2007	1.6 (-5.2,8.8)	2007-2013	-10.4 <sup>^</sup> (-12.7,-8.0)
West	452.2 (447.4-456.9)	2004-2007	-0.8 (-7.9,6.9)	2007-2013	-9.9 <sup>^</sup> (-12.5,-7.3)
<b>% persons in county &lt; poverty level</b>					
<5% (low poverty)	489.2 (460.3,519.4)	2004-2013	-4.5 <sup>^</sup> (-7.2,-1.8)		
5 - 9%	465.1 (459.3,471.0)	2004-2007	1.6 (-6.3,10.2)	2007-2013	-10.0 <sup>^</sup> (-12.8,-7.1)
10 - 19%	454.0 (451.4,456.6)	2004-2007	0.3 (-6.3,7.4)	2007-2013	-9.9 <sup>^</sup> (-12.3,-7.5)
20%+ (high poverty)	472.3 (466.3,478.3)	2004-2007	0.5 (-8.3,10.2)	2007-2013	-9.6 <sup>^</sup> (-12.8,-6.2)
<b>SEER Summary Stage</b>					
Localized	349.2 (347.3,351.2)	2004-2007	1.4 (-6.8,10.3)	2007-2013	-11.1 <sup>^</sup> (-14.1,-8.1)
Regional	23.8 (23.3,24.3)	2004-2013	-2.1 <sup>^</sup> (-3.1,-1.0)		
Distant	40.8 (40.1,41.4)	2004-2011	-1.7 <sup>^</sup> (-2.8,-0.7)	2011-2013	5.1 (-3.4,14.4)
Unstaged	45.2 (44.5,45.9)	2004-2013	-8.2 <sup>^</sup> (-10.2,-6.2)		

demographic characteristics, United States

Abbreviations: N= case count; % = percent ; CI = confidence interval; AAPC= average annual percent change; APC=annual percent change

Data excludes Nevada, Kansas and Minnesota and covers 96.5% of the US population.

Rate = cases per 100,000

<sup>a</sup> Non-Hispanic

b Categorized by US census region

Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130) standard; Confidence intervals (Tiwari mod) are 95% for rates and ratios.

^ APC/AAPC is significantly different from zero at  $\alpha = 0.05$

"--" Joinpoint cannot analyze because weight variable  $\leq 0$