

Characteristic	2009-2013 (N = 945,586)	2004-2013 Trends (N = 1,963,206)				
	Rate (95% CI)	Interval 1	APC (95% CI)	Interval 2	APC (95% CI)	2004-2013 AAPC
Total	118.1 (117.9-118.3)					
Age (years)						
<50	5.5 (5.4-5.5)	2004-2008	7.5^ (1.8,13.5)	2008-2013	-6.4^ (-10.2,-2.5)	-0.5
50-74	400.1 (399.2-401.1)	2004-2007	4.9 (-4.7,15.5)	2007-2013	-6.6^ (-9.5,-3.6)	-2.9^
75+	459.0 (456.8-461.2)	2004-2007	0.6 (-6.5,8.2)	2007-2013	-9.9^ (-12.4,-7.2)	-6.5^
Race/ethnicity						
White ^a	109.6 (109.3-109.9)	2004-2007	3.9 (-6.2,15.1)	2007-2013	-7.9^ (-11.2,-4.4)	-4.1^
Black ^a	184.3 (183.3-185.3)	2004-2009	-0.1 (-3.2,3.1)	2009-2013	-8.9^ (-12.9,-4.8)	-4.1^
Hispanic (any race)	92.7 (91.9-93.5)	2004-2009	-1.4 (-3.7,1)	2009-2013	-10.6^ (-13.7,-7.4)	-5.6^
American Indian or Alaska Native ^a	75.5 (72.8-78.2)	2004-2009	-1.6 (-5.5,2.4)	2009-2013	-9.1^ (-14.1,-3.8)	-5.0^
Asian or Pacific Islander ^a	60.7 (59.9-61.6)	2004-2011	-3.8^ (-6.3,-1.3)	2011-2013	-14.6 (-30.1,4.3)	-6.3^
Region ^b						
Northeast	131.4 (130.8-132.0)	2004-2007	5.3 (-5.3,17)	2007-2013	-7^ (-10.4,-3.5)	-3.1
Midwest	117.6 (117.1-118.2)	2004-2007	2.7 (-6.6,13)	2007-2013	-6.9^ (-10.2,-3.6)	-3.8^
South	116.2 (115.8-116.6)	2004-2007	4.7 (-1.6,11.4)	2007-2013	-7.5^ (-9.6,-5.4)	-3.6^
West	110.4 (109.9-110.9)	2004-2007	1.6 (-7,10.9)	2007-2013	-7.7^ (-10.7,-4.7)	-4.7^
% persons in county < poverty level						
<5% (low poverty)	128.9 (125.9-132.0)	2004-2007	9.7 (-1.8,22.5)	2007-2013	-7.6^ (-10.7,-4.3)	-2.1
5 - 9%	123.0 (122.4-123.7)	2004-2007	5.2 (-3.1,14.1)	2007-2013	-7.7^ (-10.3,-5.1)	-3.6^
10 - 19%	116.4 (116.1-116.7)	2004-2007	3.4 (-5.6,13.3)	2007-2013	-7.3^ (-10.3,-4.1)	-3.8^
20%+ (high poverty)	119.5 (118.9-120.2)	2004-2007	3.5 (-5.4,13.3)	2007-2013	-6.5^ (-9.4,-3.6)	-3.3^
SEER Summary Stage						
Localized	93.0 (92.8-93.2)	2004-2007	4.4 (-4,13.5)	2007-2013	-8.5^ (-11.2,-5.7)	-4.4^
Regional	12.9 (12.8-12.9)	2004-2011	-0.1 (-1.8,1.6)	2011-2013	-9.4 (-21.9,5.1)	-2.3
Distant	5.4 (5.3-5.4)	2004-2009	-1.3 (-3,0.4)	2009-2013	1.6 (-0.8,4)	0.0
Unstaged	6.9 (6.8-6.9)	2004-2013	-4.5^ (-6.3,-2.7)			-4.5^

Supplementary Table 1. Prostate cancer incidence rates, and annual percent changes by demographic characteristics, United States, 2004 to 2013.

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