

Supplementary Table 3. Predicted Marginal Rate Ratios of PSA Testing, NHIS 2005, 2008, 2010, 2013

	2008 to 2005 PM RR(95% CI)	2010 to 2008 PM RR(95% CI)	2013 to 2010 PM RR(95% CI)
Men aged 50-74			
Total	1.10 (1.03,1.19)	0.95 (0.88,1.02)	0.82 (0.77,0.88)
Race/ethnicity			
Non-Hispanic White	1.09 (1.00,1.19)	0.97 (0.89,1.06)	0.81^ (0.75,0.88)
Non-Hispanic Black	1.14 (0.90,1.43)	0.92 (0.75,1.13)	0.89 (0.73,1.08)
Hispanic	1.14 (0.86,1.51)	0.74 (0.55,0.99)	0.90 (0.66,1.23)
Non-Hispanic Other	1.34 (0.89,2.02)	0.87 (0.56,1.35)	0.78 (0.52,1.18)
Region^a			
Northeast	1.07 (0.90,1.28)	0.88 (0.74,1.05)	0.93 (0.78,1.12)
Midwest	1.28 (1.10,1.49)	0.94 (0.80,1.11)	0.73^ (0.64,0.84)
South	1.05 (0.94,1.18)	0.95 (0.84,1.07)	0.88^ (0.79,0.97)
West	1.05 (0.88,1.25)	1.00 (0.84,1.18)	0.75^ (0.63,0.88)
% of federal poverty threshold			
<139%	1.15 (0.86,1.55)	1.00 (0.77,1.29)	0.75^ (0.58,0.97)
139%-250%	1.19 (0.95,1.51)	0.91 (0.73,1.12)	0.80^ (0.65,0.97)
251%-400%	1.03 (0.87,1.23)	0.94 (0.78,1.13)	0.85 (0.71,1.02)
>400%	1.11 (1.01,1.22)	0.95 (0.86,1.05)	0.83^ (0.75,0.92)
Men aged 75+			
Total	1.09 (0.96,1.24)	0.90 (0.79,1.03)	0.86 (0.74,1.00)
Race/ethnicity			
Non-Hispanic White	1.10 (0.96,1.26)	0.87 (0.75,1.01)	0.84 (0.71,1.00)
Non-Hispanic Black	1.24 (0.71, 1.26)	1.01 (0.61,1.70)	1.27 (0.90,1.80)
Hispanic	1.09 (0.55,2.14)	0.85 (0.43,1.67)	0.88 (0.49,1.57)
Non-Hispanic Other	b	b	b
Region^a			
Northeast	1.13 (0.83,1.55)	0.99 (0.70,1.40)	0.72 (0.50,1.05)
Midwest	1.15 (0.89,1.49)	0.86 (0.66,1.12)	0.95 (0.71,1.27)
South	0.96 (0.78,1.17)	0.96 (0.77,1.19)	0.93 (0.75,1.16)
West	1.27 (0.96,1.70)	0.77^ (0.60,0.98)	0.78 (0.53,1.14)
% of federal poverty threshold			
<139%	0.94 (0.59,1.51)	0.72 (0.42,1.24)	1.34 (0.78,2.29)
139%-250%	0.98 (0.74,1.30)	0.85 (0.63,1.16)	0.96 (0.69,1.31)
251%-400%	1.15 (0.91,1.46)	1.01 (0.78,1.30)	0.71^ (0.53,0.93)
>400%	1.26 (0.97,1.64)	0.87 (0.67,1.13)	0.85 (0.64,1.12)

Abbreviations: PM=predicted marginal; RR=rate ratio; CI=confidence interval

Data excludes missing PSA test data; includes men who had PSA for screening only

a Categorized by US census region

b Suppressed due to denominator count <50.

^ Screening rates significantly differ between survey years.

