

Supplementary Online Content

Singer S, Tkachenko E, Hartman RI, Mostaghimi A. Association between sexual orientation and lifetime prevalence of skin cancer in the United States. *JAMA Dermatol*. Published online February 12, 2020. doi:10.1001/jamadermatol.2019.4196

eTable 1. Univariate Odds Ratios for Lifetime Diagnosis of Skin Cancer Among Men

eTable 2. Univariate Odds Ratios for Lifetime Diagnosis of Skin Cancer Among Women

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1: Univariate Odds Ratios for Lifetime Diagnosis of Skin Cancer Among Men

	Skin Cancer Prevalence % (95% CI)	OR (95% CI)	p-value
Region			
Northeast	5.80 (5.57, 6.04)	<i>1.0 [reference]</i>	-
South	7.76 (7.48, 8.04)	1.37 (1.28, 1.45)	<.001
Midwest	6.19 (6.01, 6.38)	1.07 (1.02, 1.13)	0.01
West	5.93 (5.55, 6.32)	1.02 (0.94, 1.11)	0.57
Race/Ethnicity			
Non-Hispanic White	9.65 (9.44, 9.85)	<i>1.0 [reference]</i>	-
Non-Hispanic Black	0.52 (0.33, 0.7)	0.05 (0.03, 0.07)	<.001
Hispanic	1.76 (1.45, 2.07)	0.17 (0.14, 0.20)	<.001
Other	1.09 (0.81, 1.37)	0.10 (0.08, 0.13)	<.001
Education Level			
High school or less	5.28 (5.05, 5.50)	<i>1.0 [reference]</i>	-
Some college or more	7.74 (7.54, 7.94)	1.51 (1.42, 1.59)	<.001
Employment Status			
Unemployed	3.73 (3.59, 3.87)	<i>1.0 [reference]</i>	-
Employed	12.0 (11.7, 12.4)	3.53 (3.36, 3.71)	<.001
Insurance Status			
Yes	7.41 (7.24, 7.57)	<i>1.0 [reference]</i>	-
No	1.54 (1.29, 1.80)	0.20 (0.17, 0.23)	<.001
Smoking History			
Never Smoker	5.46 (5.28, 5.64)	<i>1.0 [reference]</i>	-
Former Smoker	10.6 (10.2, 10.9)	2.05 (1.95, 2.16)	<.001
Current Smoker	4.05 (3.73, 4.38)	0.73 (0.67, 0.80)	<.001
Alcohol Use			
Non-drinker	6.94 (6.70, 7.17)	<i>1.0 [reference]</i>	-

Light Drinker	6.48 (6.25, 6.71)	0.93 (0.88, 0.98)	.007
Moderate/Heavy Drinker	6.55 (6.17, 6.93)	0.94 (0.88, 1.01)	.091
Other Cancer Diagnosis			
No	5.59 (5.45, 5.73)	<i>1.0 [reference]</i>	-
Yes	24.7 (23.7, 25.8)	5.55 (5.21, 5.92)	<.001

eTable 2: Univariate Odds Ratios for Lifetime Diagnosis of Skin Cancer Among Women

	Skin Cancer Prevalence % (95% CI)	OR (95% CI)	p-value
Region			
Northeast	5.74 (5.52, 5.96)	<i>1.0 [reference]</i>	-
South	7.03 (6.79, 7.28)	1.24 (1.18, 1.31)	<.001
Midwest	5.93 (5.76, 6.10)	1.04 (0.98, 1.09)	0.184
West	6.38 (5.96, 6.80)	1.12 (1.03, 1.21)	0.007
Race/Ethnicity			
Non-Hispanic White	9.39 (9.19, 9.60)	<i>1.0 [reference]</i>	-
Non-Hispanic Black	0.36 (0.28, 0.44)	0.35 (0.03, 0.04)	<.001
Hispanic	1.54 (1.27, 1.82)	0.15 (0.13, 0.18)	<.001
Other	0.96 (0.75, 1.17)	0.09 (0.08, 0.12)	<.001
Education Level			
High school or less	5.55 (5.34, 5.77)	<i>1.0 [reference]</i>	-
Some college or more	7.00 (6.81, 7.19)	1.28 (1.22, 1.35)	<.001
Employment Status			
Unemployed	4.13 (3.95, 4.30)	<i>1.0 [reference]</i>	-
Employed	8.75 (8.52, 8.97)	2.23 (2.11, 2.35)	<.001
Insurance Status			
Yes	6.92 (6.77, 7.08)	<i>1.0 [reference]</i>	-
No	1.93 (1.65, 2.22)	0.27 (0.23, 0.31)	<.001
Smoking History			
Never Smoker	5.61 (5.45, 5.78)	<i>1.0 [reference]</i>	-
Former Smoker	9.97 (9.59, 10.4)	1.86 (1.77, 1.96)	<.001
Current Smoker	4.68 (4.37, 4.99)	0.82 (0.76, 0.89)	<.001
Alcohol Use			
Non-drinker	6.11 (5.92, 6.30)	<i>1.0 [reference]</i>	-

Light Drinker	6.64 (6.42, 6.86)	1.09 (1.04, 1.15)	<.001
Moderate/Heavy Drinker	7.93 (7.22, 8.63)	1.32 (1.19, 1.47)	<.001
Other Cancer Diagnosis			
No	5.48 (5.34, 5.62)	<i>1.0 [reference]</i>	-
Yes	16.8 (16.0, 17.5)	3.47 (3.27, 3.69)	<.001