

ORIGINAL RESEARCH

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PEER REVIEWED

Conclusion

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Results



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Table 1. Sociodemographic and Health-Related Characteristics Among Men Aged 40 Years or Older (N = 8,016^a) With a History of Prostate Cancer, United States, BRFSS 2010

Characteristic	White, % (95% CI)	Black, % (95% CI)	Other Race, % (95% CI)	Hispanic, % (95% CI)	P Value
Age, y	n = 6,886	n = 673	n = 205	n = 226	
40–64	23.0 (21.2–24.9)	34.5 (28.7–40.9)	39.4 (26.2–54.3)	38.5 (27.8–50.4)	<.001
≥65	77.0 (75.1–78.8)	65.5 (59.1–71.3)	60.6 (45.7–73.8)	61.5 (49.6–72.2)	
Education level	n = 6,894	n = 674	n = 203	n = 224	
<High school	7.0 (6.1–8.0)	21.6 (16.5–27.6)	15.9 (7.2–31.7)	40.1 (29.2–52.2)	<.001
High school graduate	25.8 (24.2–27.5)	32.1 (26.5–38.3)	17.2 (10.5–26.9)	20.3 (12.9–30.4)	
Some college	22.9 (21.3–24.7)	22.6 (18.0–28.0)	15.7 (8.8–26.6)	15.3 (9.8–23.0)	
College graduate	44.2 (42.3–46.1)	23.7 (18.9–29.3)	51.1 (37.1–65.0)	24.3 (15.2–36.6)	
Employment status	n = 6,887	n = 674	n = 204	n = 225	
Employed	24.8 (23.0–26.7)	23.5 (18.4–29.5)	34.9 (21.4–51.3)	24.1 (15.2–35.9)	.006
Not employed	6.2 (5.3–7.3)	11.1 (8.3–14.6)	9.6 (5.2–16.9)	18.8 (11.2–29.9)	
Retired	69.0 (67.1–70.9)	65.5 (59.3–71.1)	55.6 (40.8–69.4)	57.2 (45.2–68.3)	
Marital status	n = 6,902	n = 675	n = 203	n = 225	
Married or living together	77.8 (76.3–79.2)	66.3 (60.8–71.4)	82.0 (72.8–88.5)	57.9 (45.7–69.2)	<.001
Divorced, separated, or widowed	18.8 (17.5–20.2)	28.0 (23.3–33.2)	16.5 (10.2–25.5)	32.0 (22.0–44.1)	
Never married	3.4 (2.8–4.0)	5.7 (3.9–8.3)	1.6 (0.7–3.3)	10.1 (3.9–23.6)	
Health insurance	n = 6,900	n = 675	n = 204	n = 226	
Yes	97.9 (97.1–98.4)	94.6 (90.7–97.0)	88.8 (70.6–96.3)	92.1 (80.6–97.0)	.046
No	2.1 (1.6–2.9)	5.4 (3.0–9.3)	11.2 (3.7–29.4)	7.9 (3.0–19.4)	
Time since last checkup	n = 6,843	n = 668	n = 199	n = 223	
Within past year	86.9 (85.5–88.1)	90.3 (85.6–93.6)	85.9 (74.9–92.6)	81.6 (68.9–89.9)	<.001
≤2 years	7.3 (6.4–8.4)	6.1 (3.5–10.3)	5.6 (2.3–12.9)	2.3 (0.9–5.3)	
2–<5 years	2.8 (2.3–3.5)	2.7 (1.3–5.8)	1.8 (0.6–5.1)	9.2 (3.2–23.7)	
≥5 years	2.7 (2.1–3.3)	0.9 (0.3–3.1)	6.1 (1.8–18.2)	3.5 (1.2–9.6)	
Never	0.3 (0.2–0.5)	0.0 (–)	0.6 (0.1–2.4)	3.4 (0.8–13.3)	
Medical cost concerns	n = 6,896	n = 672	n = 205	n = 224	
Yes	4.2 (3.4–5.0)	8.7 (6.1–12.4)	21.3 (10.5–38.4)	11.7 (6.3–20.7)	.001
No	95.8 (95.0–96.6)	91.3 (87.6–93.9)	78.7 (61.6–89.5)	88.3 (79.3–93.7)	
Has usual health care provider	n = 6,894	n = 671	n = 205	n = 224	
Yes	96.6 (95.9–97.3)	93.6 (89.5–96.2)	95.4 (86.2–98.6)	91.5 (83.0–95.9)	.12
No	3.4 (2.7–4.1)	6.4 (3.8–10.5)	4.6 (1.4–13.8)	8.5 (4.1–17.0)	
Emotional support	n = 6,614	n = 636	n = 194	n = 213	
Always/usually	81.5 (80.0–82.9)	68.7 (62.5–74.2)	63.0 (48.3–75.6)	61.9 (49.4–72.9)	<.001
Sometimes	6.9 (6.0–7.9)	15.8 (11.8–20.9)	15.0 (6.8–30.0)	19.1 (10.8–31.5)	

Abbreviations: BRFSS, Behavioral Risk Factor Surveillance System; CI, confidence interval.

^a Variations of total count by variable might be caused by “don’t know,” refused, or missing responses.

^b Chronic conditions included are diabetes, myocardial infarction, heart disease, and current asthma.

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Table 1. Sociodemographic and Health-Related Characteristics Among Men Aged 40 Years or Older (N = 8,016^a) With a History of Prostate Cancer, United States, BRFSS 2010

Characteristic	White, % (95% CI)	Black, % (95% CI)	Other Race, % (95% CI)	Hispanic, % (95% CI)	P Value
Rare/none	11.7 (10.5–12.9)	15.5 (11.5–20.7)	22.0 (12.7–35.3)	19.1 (11.3–30.4)	
Has chronic conditions^b	n = 6,640	n = 648	n = 191	n = 219	
0	58.5 (56.5–60.3)	43.4 (37.4–49.6)	47.5 (33.3–62.1)	62.2 (50.9–72.2)	<.001
1	24.6 (23.0–26.3)	37.1 (30.8–43.9)	24.3 (15.2–36.7)	25.5 (17.0–36.3)	
2	11.6 (10.4–12.9)	15.9 (11.9–21.0)	10.1 (4.3–21.8)	5.0 (2.5–9.8)	
≥3	5.3 (4.5–6.3)	3.5 (2.0–5.9)	18.1 (8.2–35.4)	7.4 (3.7–14.3)	
Disability	n = 6,873	n = 668	n = 203	n = 226	
Yes	36.0 (34.2–37.9)	30.6 (25.0–36.8)	24.8 (14.3–39.4)	25.2 (17.2–35.4)	.02
No	64.0 (62.1–65.8)	69.4 (63.2–75.0)	75.2 (60.6–85.7)	74.8 (64.6–82.8)	

Abbreviations: BRFSS, Behavioral Risk Factor Surveillance System; CI, confidence interval.

^a Variations of total count by variable might be caused by “don't know,” refused, or missing responses.

^b Chronic conditions included are diabetes, myocardial infarction, heart disease, and current asthma.

Table 2. Weighted Percentages for Selected Health Behaviors and Preventive Health Care Among Men Aged 40 Years or Older (N = 8,016^a) With a History of Prostate Cancer, United States, BRFSS 2010

Characteristic	White % (95% CI)	Black % (95% CI)	Other Race % (95% CI)	Hispanic % (95% CI)	P Value
Current cigarette smoker^b	n = 6,867	n = 671	n = 204	n = 222	
Yes	8.4 (7.3–9.6)	15.1 (11.7–19.3)	8.0 (3.7–16.7)	15.0 (7.8–26.9)	.005
No	91.6 (90.4–92.7)	84.9 (80.7–88.3)	92.0 (83.3–96.3)	85.0 (73.1–92.2)	
Drink >2 alcoholic beverages/d	N = 6,767	N = 657	N = 201	N = 218	
Yes	3.7 (3.0–4.4)	0.8 (0.4–1.8)	1.7 (0.5–5.5)	7.0 (2.7–17.4)	<.001
No	96.3 (95.6–97.0)	99.2 (98.2–99.6)	98.3 (94.5–99.5)	93.0 (82.6–97.3)	
Physically inactive^c	N = 6,900	N = 673	N = 203	N = 224	
Yes	24.8 (23.2–26.4)	31.1 (25.8–36.9)	32.7 (20.6–47.5)	26.9 (17.3–39.4)	.13
No	75.2 (73.6–76.8)	68.9 (63.1–74.2)	67.3 (52.5–79.4)	73.1 (60.6–82.7)	
Body mass index, kg/m²	N = 6,873	N = 662	N = 204	N = 224	
<25.0	28.7 (27.0–30.5)	27.4 (21.8–34.0)	39.2 (26.7–53.4)	30.8 (20.6–43.3)	.007
25.0–29.9	48.6 (46.7–50.5)	39.3 (33.5–45.5)	34.5 (22.7–48.6)	44.3 (33.4–55.9)	
≥30.0	22.7 (21.1–24.3)	33.2 (27.7–39.2)	26.3 (14.9–42.0)	24.9 (16.2–36.2)	
Had influenza vaccination during the preceding 12 months	N = 6,870	N = 674	N = 203	N = 226	
Yes	70.3 (68.4–72.0)	63.7 (57.8–69.2)	58.5 (43.9–71.8)	58.0 (46.2–68.9)	.01
No	29.7 (28.0–31.6)	36.3 (30.8–42.2)	41.5 (28.2–56.1)	42.0 (31.1–53.8)	
Had pneumococcal vaccination (if ≥65 y)	N = 5,407	N = 451	N = 141	N = 154	
Yes	74.6 (72.7–76.4)	62.1 (54.5–69.2)	60.2 (41.4–76.4)	50.9 (35.9–65.8)	<.001
No	25.4 (23.6–27.3)	37.9 (30.8–45.5)	39.8 (23.6–58.6)	49.1 (34.2–64.1)	
Screened for colorectal cancer (if 50–75 y)^d	N = 3,541	N = 426	N = 104	N = 133	
Yes	84.8 (82.7–86.6)	77.8 (70.6–83.7)	66.0 (42.9–83.4)	77.9 (61.7–88.5)	.08
No	15.2 (13.4–17.3)	22.2 (16.3–29.4)	34.0 (16.6–57.1)	22.1 (11.5–38.3)	

Abbreviations: BRFSS, Behavioral Risk Factor Surveillance System; CI, confidence interval.

^a Variations of total count by variable might be caused by “don’t know,” refused, or missing responses.

^b Defined as having smoked 100 cigarettes in lifetime and currently smoking.

^c Defined by a no response to the question, “During the past month, other than your regular job, did participate in any physical activities or exercise, such as running, calisthenics, golf, gardening, or walking for exercise?”

^d Screened according to US Preventive Services Task Force recommendations (fecal occult blood test within 1 year, sigmoidoscopy within 5 years and fecal occult blood test within 3 years, or colonoscopy within 10 years).

Table 3. Multivariate Adjusted Percentages^a of Selected Health Behaviors and Preventive Health Care Among Men Aged 40 Years or Older With a History of Prostate Cancer, United States, BRFSS 2010

Characteristic	% (95% CI)	P Value ^b
Current cigarette smoker^c		
White	9.3 (8.1–10.8)	NA
Black	11.2 (8.0–15.4)	.37
Other race	7.4 (4.0–13.5)	.43
Hispanic	8.9 (5.3–14.7)	.87
Drink >2 alcoholic beverages/d		
White	3.6 (2.9–4.5)	NA
Black	0.9 (0.4–2.0)	<.001
Other race	2.1 (0.6–6.9)	.28
Hispanic	7.2 (3.2–15.4)	.22
Physically inactive^d		
White	24.6 (22.9–26.4)	NA
Black	27.1 (21.9–32.9)	.41
Other race	27.9 (18.3–40.2)	.56
Hispanic	22.5 (15.2–32.0)	.63
Obese (≥30.0 kg/m²)		
White	22.8 (21.1–24.6)	NA
Black	29.9 (24.5–35.9)	.02
Other race	23.4 (13.1–38.4)	.93
Hispanic	22.8 (15.4–32.5)	.99
Had influenza vaccination during the preceding 12 months		
White	69.8 (67.9–71.8)	NA
Black	65.4 (59.1–71.2)	.18
Other race	66.1 (51.9–77.9)	.58
Hispanic	61.6 (50.0–72.0)	.15
Had pneumococcal vaccination (if ≥65 y)		
White	74.2 (72.2–76.1)	NA
Black	63.2 (54.8–70.8)	.009
Other race	61.9 (43.1–77.7)	.18
Hispanic	59.8 (41.9–75.4)	.11
Screened for colorectal cancer (if 50–75 y)^e		
White	82.5 (80.7–84.1)	NA

Abbreviations: BRFSS: Behavioral Risk Factor Surveillance System; CI: confidence interval; NA, not applicable.

^aAdjusted for age, education, employment, marital status, health insurance, time since last checkup, medical cost concern, usual health care provider, emotional support, diabetes, myocardial infarction, heart disease, asthma, and disabilities.

^bP values for pairwise comparisons with whites are based on Wald F statistics.

^cDefined as having smoked 100 cigarettes in lifetime and currently smoking.

^dDefined by a no response to the question, “During the past month, other than your regular job, did participate in any physical activities or exercise, such as running, calisthenics, golf, gardening, or walking for exercise?”

^eScreened according to US Preventive Services Task Force recommendations (fecal occult blood test within 1 year, sigmoidoscopy within 5 years and fecal occult blood test within 3 years, or colonoscopy within 10 years).

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Characteristic	% (95% CI)	P Value ^b
Black	81.2 (76.1–85.5)	.62
Other race	74.9 (52.4–89.0)	.43
Hispanic	81.6 (72.5–88.2)	.83

Abbreviations: BRFSS: Behavioral Risk Factor Surveillance System; CI: confidence interval; NA, not applicable.

^aAdjusted for age, education, employment, marital status, health insurance, time since last checkup, medical cost concern, usual health care provider, emotional support, diabetes, myocardial infarction, heart disease, asthma, and disabilities.

^bP values for pairwise comparisons with whites are based on Wald F statistics.

^cDefined as having smoked 100 cigarettes in lifetime and currently smoking.

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