

ORIGINAL RESEARCH

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Conclusion

PEER REVIEWED

Introduction

Methods

Results



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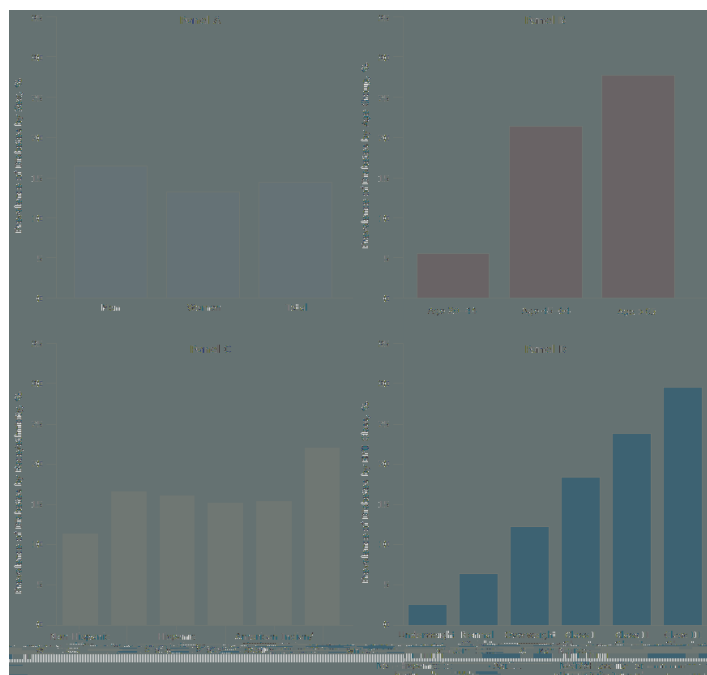


Figure 1. Prevalence of diabetes among ADVANCE study patients by sex and in total (Panel A); age group (Panel B); race/ethnicity (Panel C); and BMI class (Panel D). Body mass index was calculated as measured weight in kilograms divided by height in meters squared.

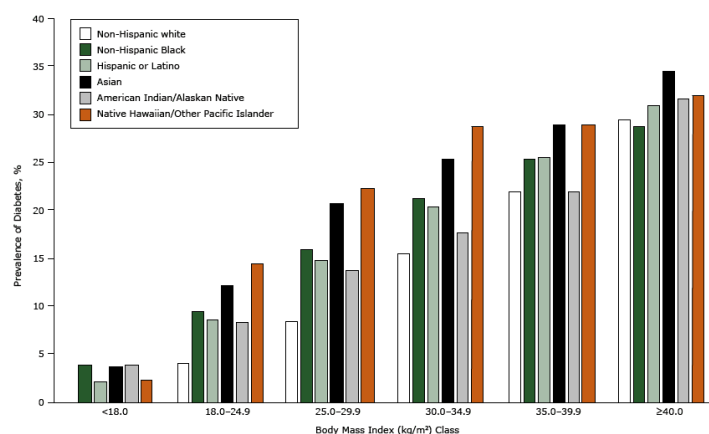


Figure 2. Prevalence of diabetes by body mass index class for selected races and Hispanic ethnicity. Body mass index was calculated as measured weight in kilograms divided by height in meters squared.

Table 1. Characteristics of the ADVANCE Population Used to Identify Diabetes, by Participating Health System, 2012–2014

Characteristics	FHI	HCN	OCHIN	Total
Total patients, n	19,627	373,555	559,134	952,316
Mean age, y (SD)	39.1 (13.5)	45.7 (15.4)	46.8 (16.5)	46.2 (16.1)
Age group, y				
20–44	67.2%	48.4%	48.0%	48.5%
45–64	28.8%	41.6%	37.7%	39.0%
≥65	4.1%	10.1%	14.3%	12.5%
Sex				
Men	62.9%	34.1%	39.3%	37.7%
Women	37.1%	65.9%	60.7%	62.3%
Race/ethnicity				
American Indian/Alaska Native	0.2%	0.2%	0.6%	0.4%
Asian	6.0%	1.8%	3.0%	2.6%
Non-Hispanic black	7.3%	22.2%	12.9%	16.5%
Hispanic or Latino	9.5%	43.1%	22.1%	30.1%
Multiple race	1.8%	0.7%	0.5%	0.6%
Native Hawaiian/Other Pacific Islander	0.5%	0.4%	0.3%	0.4%
Unknown	1.5%	2.0%	2.9%	2.5%
Non-Hispanic white	71.9%	29.6%	57.7%	47.0%
Other	1.4%	0.0%	0.1%	0.1%
Mean body mass index, kg/m ² (SD)	26.8 (5.6)	29.9 (7.3)	29.6 (7.4)	29.7 (7.4)
BMI class				
Underweight (<18.5 kg/m ²)	3.4%	3.8%	3.4%	3.6%
Normal weight (18.5–24.9 kg/m ²)	41.0%	23.5%	26.0%	25.3%
Overweight (25–29.9 kg/m ²)	33.5%	31.3%	30.7%	31.0%
Class I obesity (30–34.9 kg/m ²)	13.7%	21.8%	20.6%	20.9%
Class II obesity (35–39.9 kg/m ²)	5.1%	10.7%	10.4%	10.4%
Class III obesity (≥40 kg/m ²)	3.3%	8.8%	8.8%	8.7%

Abbreviations: ADVANCE, Accelerating Data Value Across a National Community Health Center Network; OCHIN, Community Health Information Network; HCN, Health Choice Network; FHI, Fenway Health Institute; SD, standard deviation; kg/m², kilograms divided by height in meters squared.

Table 2. ADVANCE Patients by Diabetes Status, 2012–2014

Patient Characteristics	No Diabetes	Diabetes
Total patients, N	814,871	137,445
Percentage of total	85.6%	14.4%
Age group, y		
20–44	53.6%	18.3%
45–64	35.9%	57.8%
≥65	10.5%	23.9%
Sex		
Men	36.8%	43.2%
Women	63.2%	56.8%
Race/ethnicity		
American Indian/Alaska Native	0.4%	0.5%
Asian	2.5%	3.0%
Non-Hispanic black	15.7%	20.7%
Hispanic or Latino	29.2%	35.1%
Multiple race	0.6%	0.5%
Native Hawaiian/other Pacific Islander	0.3%	0.6%
Unknown	2.7%	1.7%
Non-Hispanic white	48.5%	37.9%
Other	0.1%	0.0%
BMI class, kg/m²		
Underweight (<18.5)	4.1%	0.7%
Normal weight (18.5–24.9)	27.7%	11.3%
Overweight (25–≥29.9)	31.8%	26.4%
Class I obesity (30–34.9)	20.0%	26.7%
Class II obesity (35–39.9)	9.3%	17.2%
Class III obesity (≥40)	7.2%	17.8%

Abbreviation: ADVANCE, Accelerating Data Value Across a National Community Health Center Network.