

Estimated Hypertension Prevalence among Michigan Adults (2015 and 2017 Combined)

Estimated Hypertension Prevalence among Adults by Selected Characteristics^a

Selected Characteristics	Unadjusted		Age-Adjusted ^b	
	Percent (%)	95% CI (%)	Percent (%)	95% CI (%)
Overall	33.9	(33.1-34.7)	30.6	(29.9-31.4)
Age Group				
18-44 years	14.6	(13.5-15.7)	-	-
45-64 years	40.9	(39.6-42.3)	-	-
65 years and over	62.5	(61.0-63.9)	-	-
Age Group				
18-34 years	10.9	(9.8-12.2)	-	-
35-44 years	21.5	(19.6-23.6)	-	-
45-54 years	34.0	(32.0-36.1)	-	-
55-64 years	47.5	(45.7-49.4)	-	-
65-74 years	60.6	(58.8-62.5)	-	-
75 years and older	65.3	(62.9-67.5)		
Gender				
Male	35.9	(34.7-37.1)	33.6	(32.4-34.8)
Female	32.1	(31.0-33.2)	27.6	(26.7-28.6)
Race/Ethnicity				
Non-Hispanic American Indian/ Alaska Native	42.6	(32.7-53.2)	41.1	(32.0-50.9)
Non-Hispanic Asian/Pacific Islander	14.7	(10.9-19.7)	26.8	(22.0-32.1)
Non-Hispanic Black	43.9	(41.3-46.6)	43.3	(40.8-45.8)
Hispanic/Latinx	23.5	(19.5-28.1)	31.6	(27.4-36.1)
Non-Hispanic Multiracial	30.4	(25.4-35.8)	32.0	(27.0-37.4)
Non-Hispanic Other	26.4	(17.3-38.0)	29.7	(20.6-40.6)
Non-Hispanic White	33.3	(32.4-34.2)	28.6	(27.7-29.4)
Education Level				
Up to High School Diploma	39.0	(37.6-40.5)	34.2	(32.8-35.7)
Some College	32.8	(31.4-34.2)	31.2	(29.8-32.5)
At Least College Degree	27.2	(26.1-28.4)	24.7	(23.7-25.8)

^a 2015 and 2017 combined Michigan BRFSS

^b Age-adjusted (See Methods and Limitations for description)

Estimated Hypertension Prevalence among Adults by Race/Ethnicity and Age Group^a

Race/Ethnicity	Age Group					
	18-44 Years		45-64 Years		65 Years and Older	
	Percent (%)	95% CI (%)	Percent (%)	95% CI (%)	Percent (%)	95% CI (%)
Non-Hispanic Black	23.8	(20.4-27.5)	58.4	(54.2-62.5)	74.5	(69.1-79.2)
Hispanic/Latinx	8.9	(5.9-13.2)	47.7	(37.6-58.0)	74.0	(62.2-83.2)
Non-Hispanic Multiracial and Other	12.9	(9.5-17.2)	40.7	(33.5-48.3)	66.8	(56.6-75.6)
Non-Hispanic White	13.5	(12.4-14.8)	37.6	(36.2-39.1)	60.5	(59.0-62.1)

^a 2015 and 2017 combined Michigan BRFSS

Data Sources

Michigan Behavioral Risk Factor Surveillance System (MiBRFSS). Lifecourse Epidemiology and Genomics Division, Michigan Department of Health and Human Services (www.michigan.gov/brfs).

Definitions

Prevalence (Percent): The total number of cases in a specified population at a given time.

Confidence Interval (CI): A range about a measurement that expresses the precision of the measurement. A 95% CI can be interpreted as the following: If we selected 100 random samples from the population and used these samples to calculate 100 different confidence intervals, approximately 95 of the intervals would cover the true population estimate and five would not. The wider the interval means, the more imprecise the measurement; the narrower the interval, the more precise the measurement.

Methods and Limitations

Hypertension Indicator: Adult respondents (18 years and older) were asked whether a health professional had ever told them they had hypertension. Adult respondents who answered “yes” were considered being diagnosed with hypertension.

The MiBRFSS comprises annual, state-level telephone surveys of the non-institutionalized adult population, 18 years and older. The MiBRFSS provides self-reported information on behavioral risk factors for disease and on preventive health practices within the state.

Reported age-adjusted prevalence estimates were estimates adjusted to the 2000 U.S. Standard Population using seven age groups (18–24, 25–34, 35–44, 45–54, 55–64, 65–75, and 75+ years). Unadjusted prevalence estimates were not age-adjusted.