

**Table 2. Estimated proportion of Michigan adults who have a family history of sudden cardiac death of the young\* by demographic characteristics, 2007 Michigan BRFSS.**

Demographic Characteristics	n <sup>†</sup>	% (95% CI)	$\chi^2$ P-Value
Total	2,856	6.3 (5.2-7.7)	
Age			
18-34	356	6.5 (4.1-10.3)	0.7550
35-64	1,677	6.0 (4.7-7.6)	
≥ 65	800	7.0 (5.0-9.7)	
Sex			
Male	1,006	5.4 (3.9-7.4)	0.0708
Female	1,850	7.7 (6.1-9.6)	
Race			
White	2,275	5.2 (4.1-6.6)	0.0123
Black	439	11.1 (7.7-15.9)	
Other	116	10.5 (4.7-21.6)	
Education			
≤ High school graduate	1,104	9.3 (7.1-12.0)	0.0008
> High school graduate	1,744	4.5 (3.4-6.1)	
Household income			
< \$20,000	413	7.8 (5.1-11.7)	0.0004
\$20,000-49,999	975	8.6 (6.4-11.3)	
≥ \$50,000	1,079	3.5 (2.3-5.2)	

\* Reported having at least one biological family member that had a sudden cardiac death, or sudden unexplained death, between the ages of 1 and 39.

† Subpopulation cell sample size.

**Table 3. Percent distribution of relationship of respondent to family member who experienced sudden cardiac death of the young (n=190), 2007 Michigan Behavioral Risk Factor Survey.**

<b>Relationship to Respondent</b>	<b>% (95% CI)</b>
<u>Multiple family members</u>	
≥ 1 first degree relatives	6.8 (3.8-11.8)
no first degree relatives	19.4 (11.6-30.6)
<u>Single family member</u>	
Parent	10.4 (6.2-16.9)
Sibling	17.4 (11.3-25.7)
Offspring	7.7 (4.4-13.0)
Aunt or uncle	6.4 (2.6-14.9)
Niece or nephew	9.5 (5.6-15.6)
Grandparent	1.1 (0.2-7.6)
Grandchild	0.6 (0.2-1.9)
Great grandparent, aunt, or uncle	4.4 (1.3-13.2)
Cousin or more distant	16.5 (10.2-25.5)

**Table 4. Prevalence of health-related characteristics among Michigan adults by family history of sudden cardiac death of the young (SCDY)**

Health-Related Characteristic	Has Family History of SCDY*		$\chi^2$ P-Value	Wald-F P-Value <sup>†</sup>
	Yes % (95% CI)	No % (95% CI)		
<b>Health Care</b>				
No health insurance	17.8 (11.0-27.5)	10.6 (9.0-12.5)	0.1048	0.5798
On Medicaid insurance	23.1 (15.4-33.1)	10.6 (9.0-12.4)	0.0034 <sup>‡</sup>	0.1971
No personal doctor	13.0 (7.9-20.5)	15.0 (12.9-17.4)	0.5396	0.5940
No routine checkup in past year	29.3 (20.1-40.5)	31.3 (28.7-34.0)	0.7059	0.9948
No blood cholesterol test in past 5 years	27.4 (17.9-39.6)	20.1 (17.6-23.0)	0.2286	0.3939
<b>Health Status</b>				
Fair to poor general health	16.1 (11.1-22.7)	14.3 (12.6-16.2)	0.5613	0.8687
Rarely-never receive needed emotional support	12.3 (7.1-20.4)	6.2 (5.1-7.6)	0.0773	0.0619
Has a disability	26.4 (19.6-34.6)	21.8 (19.8-23.9)	0.2296	0.1432
Obese (BMI $\geq$ 30)	34.0 (25.0-44.4)	27.6 (25.2-30.2)	0.2203	0.3252
<b>Chronic Conditions</b>				
Ever diagnosed with high blood pressure	39.5 (30.8-49.1)	27.9 (25.8-30.2)	0.0131 <sup>‡</sup>	0.0019 <sup>‡</sup>
Ever diagnosed with high cholesterol (among tested)	42.4 (33.0-52.4)	40.8 (38.1-43.5)	0.7492	0.7620
Ever diagnosed with diabetes	13.1 (8.9-19.1)	8.6 (7.5-9.9)	0.0801	0.0684
Ever diagnosed with cardiovascular disease	10.0 (6.2-15.8)	9.5 (8.3-10.9)	0.8345	0.9661
<b>Behaviors</b>				
Current smoking	32.2 (23.3-42.6)	20.1 (17.9-22.6)	0.0243 <sup>‡</sup>	0.2078
No leisure-time physical activity	20.2 (13.3-29.5)	19.3 (17.2-21.5)	0.8199	0.8181
Inadequate physical activity	48.3 (38.2-58.5)	47.3 (44.5-50.0)	0.8542	0.8022
Inadequate fruit and vegetable consumption	82.4 (75.6-87.6)	78.1 (75.7-80.2)	0.1973	0.2502

\* Reported having at least one biological family member who had a sudden cardiac death, or sudden unexplained death, between the ages of 1 and 39.

<sup>†</sup>Generated from multivariable logistic regressions with each health-related characteristic as the dependent variable, family history of SCDY as the independent variable, and age group, sex, race, education, and household income as possible confounding variables.

<sup>‡</sup>p < .05.