



The Michigan Profile for Healthy Youth (MiPHY) was completed by 7, 9, and 11th grade students in Michigan. The results in this report reflect student survey responses from high schools that voluntarily participated in your county and may not be representative of all high schools in the county. Characteristics of the participating districts and buildings are as follows:

	MiPHY District Participation		
	#	Total	%
	Participating Districts <sup>1</sup>	Districts in County	Participating Districts
Public	12	12	100.0%
Public Districts with Private School	5	5	100.0%
Public School Academy	1	3	33.3%
<b>Total</b> <sup>2</sup>	13	15	86.7%

	MiPHY Building Participation		
	#	Total	%
	Participating Buildings	Buildings in County <sup>3</sup>	Participating Buildings
Public	15	23	65.2%
Private	0	4	0.0%
Public School Academy	1	1	100.0%
<b>Total</b>	16	28	57.1%

<sup>1</sup> A district is counted as participating if at least one building takes the survey.

<sup>2</sup> Public districts may be represented in the "Public" and "Public District with Private School" categories, but are only counted once in the total.

<sup>3</sup> Buildings that include 9th and 11th grades in the county as identified in the Educational Entity Master.

Students completed an on-line, anonymous questionnaire. Survey procedures were designed to protect the privacy of students by allowing for anonymous and voluntary participation. Local parental notification procedures were followed before survey administration.

Reports on data results are aggregated across district. To preserve confidentiality, names and results of individual districts are not provided in this report.

The contents of this report were developed under a grant from the United States Department of Education (Grants to States to Improve Management of Drug and Violence Prevention Programs (CFDA#84.184R)). However, those contents do not necessarily represent the policy of the United States Department of Education, and you should not assume endorsement by the Federal Government. Authority: 20 U.S.C. 1221e-3 and 3474



The Michigan Profile for Healthy Youth (MiPHY) was completed by 7, 9, and 11th grade students in Michigan. The results in this report reflect student survey responses from high schools that voluntarily participated in your county and may not be representative of all high school students in the county. School buildings are identified in the county by the Educational Entity Master. Characteristics of the participating high school students are as follows:

	<b>N</b>	<b>Missing</b>	<b>%</b>		<b>N</b>	<b>Missing</b>	<b>%</b>		<b>N</b>	<b>Missing</b>	<b>%</b>
County (9 & 11th grade)	2945	134	100.0%	<b>Gender</b>				<b>Race / Ethnicity</b>			
				Males	1421	78	48.3%	American Indian	39	1	1.3%
				Females	1509	53	51.2%	Asian	20	2	0.7%
<b>Grade</b>				<b>Academics</b>				Black	180	20	6.1%
9th Grade	1594	9	54.1%	As/Bs	1877	61	63.7%	Hispanic/Latino	187	16	6.3%
11th Grade	1351	16	45.9%	Ds/Fs	235	21	8.0%	White	2345	78	79.6%

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Reports on data results are available by risk behavior and domain and are aggregated by each of the above subgroups, if possible. Results of any category are suppressed if less than 10 valid student responses are available and is identified by a "-." Comparison statewide data are provided from the Michigan Youth Risk Behavior Survey.

**Notes and aggregation information:**

N = Number of unweighted valid student surveys. Valid surveys are those containing at least 20 or more complete responses after data cleaning.  
 Missing = number of non-valid student surveys that were removed due to data cleaning rules.  
 % = the unweighted percentage of valid student surveys.

Academics uses student self-report of grades earned in school to estimate academic achievement. Students with high grades are those who report getting mostly As and mostly Bs; students with low grades are those who report getting mostly Ds and mostly Fs.

Race/ethnicity was assessed through use of two questions directly taken from the Youth Risk Behavior Survey developed by the Centers for Disease Control and Prevention. Students can select more than one race option. For this summary, students were classified as American Indian, Asian, Black (non-Hispanic), or White (non-Hispanic) if they only selected the respective group. Students were classified as Hispanic/Latino if they answered yes to, "Are you Hispanic or Latino?" Dissaggregation of the race/ethnicity categories for those who indicated, "Native Hawaiian or Other Pacific Islander" and Multiple Race (includes students who selected more than one race category and answered no, "Are you Hispanic or Latino?") has been suppressed.

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## Weight and Nutrition

% = unweighted percentage of reported response. (n) = number of students with reported response.

	2009 YRBS <sup>1</sup>	County <sup>2</sup>	Grade		Gender		Race/Ethnicity					Academics	
			9	11	M	F	Black	White	Hispanic	American Indian	Asian	As/Bs	Ds/Fs
<b>WEIGHT</b>													
Percentage of students who are obese (at or above the 95th percentile for BMI by age and sex)	11.9%	16.8% (459)	17.7% (258)	15.7% (201)	19.5% (262)	14.1% (197)	17.9% (29)	16.7% (365)	16.0% (28)	20.6% (7)	0.0% (0)	14.1% (248)	25.7% (57)
Percentage of students who are overweight (at or above the 85th percentile and below the 95th percentile for BMI by age and sex)	14.2%	16.2% (444)	17.5% (255)	14.7% (189)	16.8% (226)	15.6% (218)	16.0% (26)	15.4% (338)	24.0% (42)	23.5% (8)	6.7% (1)	16.0% (282)	17.1% (38)
Percentage of students who described themselves as slightly or very overweight	27.9%	28.8% (837)	29.5% (464)	27.9% (373)	25.8% (363)	31.7% (473)	24.0% (42)	29.8% (691)	25.0% (46)	30.8% (12)	20.0% (4)	26.6% (494)	38.6% (88)
Percentage of students who were trying to lose weight	44.8%	47.0% (1367)	48.9% (769)	44.7% (598)	33.7% (473)	59.2% (884)	37.3% (66)	47.5% (1103)	53.6% (98)	56.4% (22)	35.0% (7)	46.4% (864)	52.9% (120)
Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days	62.5%	58.9% (1716)	62.1% (976)	55.3% (740)	50.7% (712)	66.8% (996)	47.5% (84)	58.9% (1365)	65.9% (122)	64.1% (25)	70.0% (14)	61.1% (1138)	56.1% (128)
Percentage of students who ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight during the past 30 days (dieting)	38.7%	41.6% (1207)	42.4% (665)	40.6% (542)	30.3% (424)	52.2% (777)	33.3% (58)	42.8% (989)	41.6% (77)	43.6% (17)	40.0% (8)	43.1% (800)	38.6% (88)
Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days (fasting)	13.1%	10.7% (310)	11.1% (174)	10.2% (136)	7.2% (101)	13.9% (207)	9.7% (17)	10.6% (246)	14.1% (26)	15.4% (6)	10.0% (2)	7.9% (146)	22.4% (51)
Percentage of students who took diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days	7.3%	4.3% (126)	4.1% (64)	4.6% (62)	2.6% (36)	6.0% (90)	5.7% (10)	4.4% (102)	4.3% (8)	7.7% (3)	5.0% (1)	3.3% (62)	10.1% (23)
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days	7.2%	3.9% (113)	4.0% (62)	3.8% (51)	2.7% (38)	5.0% (74)	4.6% (8)	3.8% (87)	4.9% (9)	10.3% (4)	5.0% (1)	2.9% (54)	9.3% (21)



## Weight and Nutrition

% = unweighted percentage of reported response. (n) = number of students with reported response.

	2009 YRBS <sup>1</sup>	County <sup>2</sup>	Grade		Gender		Race/Ethnicity					Academics	
			9	11	M	F	Black	White	Hispanic	American Indian	Asian	As/Bs	Ds/Fs
<b>NUTRITION</b>													
Percentage of students who ate five or more servings per day of fruits and vegetables during the past seven days	19.6%	28.6% (790)	30.4% (450)	26.5% (340)	28.5% (378)	28.7% (408)	36.6% (59)	27.2% (601)	29.7% (52)	25.6% (10)	50.0% (10)	28.7% (511)	26.3% (57)
Percentage of students who drank three or more glasses per day of milk during the past seven days	13.3%	21.9% (637)	25.4% (399)	17.9% (238)	30.5% (427)	13.9% (207)	11.9% (21)	22.7% (524)	18.9% (35)	25.6% (10)	30.0% (6)	22.3% (415)	20.4% (46)
Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days	27.6%	37.7% (1091)	39.5% (618)	35.6% (473)	43.0% (600)	32.8% (487)	38.5% (67)	37.6% (865)	42.9% (79)	46.2% (18)	20.0% (4)	31.7% (587)	55.8% (125)
Percentage of students who had breakfast every day in the past seven days	N/A	35.5% (1031)	37.2% (583)	33.5% (448)	40.1% (562)	31.1% (463)	28.2% (50)	36.3% (839)	35.1% (65)	30.8% (12)	45.0% (9)	41.3% (769)	21.6% (49)
Percentage of students who did not eat breakfast in the past seven days	N/A	11.6% (337)	10.8% (170)	12.5% (167)	11.0% (154)	12.2% (182)	15.3% (27)	11.1% (257)	14.1% (26)	10.3% (4)	5.0% (1)	8.5% (158)	24.7% (56)
<b>PHYSICAL HEALTH</b>													
Percentage of students who saw a doctor or healthcare provider for a check-up or physical exam when they were not sick or injured during the past 12 months	61.8%	66.3% (1898)	64.9% (1002)	67.9% (896)	64.9% (897)	67.8% (995)	56.7% (97)	67.4% (1539)	64.8% (118)	48.6% (18)	65.0% (13)	72.0% (1324)	50.7% (113)
Percentage of students who had ever been told by a doctor or nurse that they had asthma	23.3%	24.5% (701)	24.5% (378)	24.5% (323)	24.1% (332)	24.8% (365)	28.9% (50)	23.9% (545)	29.3% (54)	27.0% (10)	10.0% (2)	25.5% (469)	24.8% (55)
Percentage of students who had been told by a doctor or nurse that they had asthma and still have asthma (i.e. current asthma)	11.6%	14.9% (425)	14.9% (228)	15.0% (197)	12.9% (177)	16.8% (246)	19.1% (33)	14.5% (329)	17.7% (32)	16.2% (6)	5.3% (1)	15.3% (280)	18.0% (40)

For additional Michigan Profile for Healthy Youth information, please log on to [www.michigan.gov/miphy](http://www.michigan.gov/miphy)

<sup>1</sup> 2009 Michigan Youth Risk Behavior Survey. For additional information on the YRBS results, please go to [www.michigan.gov/yrbs](http://www.michigan.gov/yrbs).

<sup>2</sup> County percentages are representative of the combined results as reported by 9th and 11th graders in participating buildings.

N/A = Data not available

- = Data suppressed due to fewer than 10 valid student surveys

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