

Michigan Adolescent Suicide Report



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State of Michigan
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The Department of Community Health (MDCH) has conducted a review of adolescent suicide rates for Michigan. The most recent complete set of data available for review is 2000. A complete data set for 2001 is not available yet. Suicide was the 12th leading cause of death for all Michigan residents in 2000. The primary focus of this report will be on adolescent suicide rates in Michigan. However it is important to examine how Michigan compares with the U.S. Michigan's age-adjusted suicide rate of 9.9 was lower than the U.S. preliminary rate of 10.3 (per 100,000). Suicide rates in Michigan have generally been decreasing. The suicide rate in 1991 for Michigan was 12.4 down to 9.8 in 1998, 9.8 in 1999, and 9.9 in 2000.

ADOLESCENT SUICIDE IN MICHIGAN

The Michigan suicide rate for people under 25 in 1998 was 4.2(per 100,000) or 145deaths. All suicide rates in this report are based on a rate of per 100,000. The 1999 rate was also 4.3, with 150 deaths. The 2000 rate was 4.0 with 138 deaths by suicide. Michigan's rate of suicide for people age 10-19 in 1998, was 6.9 with 96 deaths by suicide. The rate in 1999, was 5.3 with a total of 74 deaths by suicide. The rate in 2000 dropped to 3.9 but was still identified as the 3rd leading cause of death with 55 deaths by suicide in the 10-19 age group. Specific rates and numbers is presented by county in table 1. Suicide has been identified as the 3rd leading cause of death among male adolescents 10-19 in 2000 with 44 deaths. Suicide is the 6th leading cause of death among female adolescents, age 10-19 with 11 deaths in Michigan in 2000. Table 2 shows teen suicide death by age and method, for Michigan residents in 1999. The 2 major methods of suicide for all teens was hanging, strangulation and suffocation with 26 deaths. The other major method of suicide was other and unspecified firearm discharge with 32 deaths. The suicide rates for teens was approximately a 6 to 1 ratio of males vs. females . There were 63 teen male suicides in 1999. There were 11 female teen suicides in 1999. For both teen males and females the highest rates was in the 16-19 age groups. This can also be examined in table 2. The teen suicide death by age and method, data for Michigan in 2000 although the rates were lower reflect the same trend in method as the 1999, data. In 2000 there were 22 teen deaths by hanging, strangulation and suffocation. There were 16 deaths by other and unspecified firearm discharge. These data can be examined in more detail in table 3. Consistent with the 1999 data the highest rates for teens was in the 16-19 age range. A review of the data by county is consistent with the general trend of higher rates of suicide occurring in the more urban settings. In 1998 Wayne county had 59 teenage deaths by suicide for a rate of 20.3. However the number of deaths by suicide dropped dramatically in Wayne county to 16 in 1999, and to 10 in 2000. Kent county has also experienced a steady reduction in teen suicide deaths in the last 3 years. In 1998 Kent county had 7 teen deaths by suicide, 3 in 1999, and 2 in 2000. Again, data for all counties can be examined in more detail in table 1. Please note when examining table 1 that (*) indicates a rate was not calculated when there were fewer than 6 events. (----) indicates that no suicide events occurred.

ADOLESCENT SUICIDE PREVENTION IN MICHIGAN

Suicide rates have generally been on the decline for people under 25 years of age since 1994. However, suicide and attempted suicide still remains a public health problem in Michigan and in most States in the U.S. A 2001 YOUTH RISK SURVEY was completed recently by the School Health Unit of (MDCH). This survey was directed toward high school students around Michigan. This survey asked many questions ranging from, "do you rarely or never wear a seat belt"? To questions related specifically to suicide. The results of this survey indicated that 1. The percentage of students who seriously considered attempting suicide during the past 12 months equaled approximately 18% of the survey group. 2. The percentage of students who made a plan about how they would attempt suicide during the past 12 months equaled 14.8 %. 3. The percentage of students who actually attempted suicide one or more times during the past 12 months equaled 10.2%. 4. The percentage of students whose attempted suicide during the past 12 months resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse equaled 3.2%. These data are also presented in terms of male vs. female and by ethnic background. These data can be examined in detail in table 4.

The Michigan Department of Community Health's primary suicide prevention activities are conducted through contracts the department has with all Community Mental Health Service Programs (CHMSP) throughout the State. All CHMSP's are required to have emergency service programs. These programs take on many forms due to the wide variety of population density in Michigan. Additionally, the CHMSP may have contracts with 24 hour crisis centers such as Gryphon Place in Kalamazoo, Michigan that provides hot line crisis intervention as well as in person crisis evaluation.

PRIVATE ORGANIZATION SUICIDE PREVENTION IN MICHIGAN

Although there are many private organizations in Michigan that engage in some suicide prevention activity there appear to be 2 programs that are specifically directed toward youth.

1. The Yellow Ribbon Program. This program operates throughout Michigan by providing suicide awareness and prevention methods to adolescents. Representatives of the Yellow Ribbon Program provide information in the classroom to adolescents. To date there are no outcome studies regarding the effectiveness of this program.
2. Mental Illness Needs Discussions sessions (MINDS). This program is also directed toward adolescents through classroom discussion. This program focuses on mental illness awareness and the role of mental illness as it relates to suicide.

1-800-SUICIDE. This program is offered throughout Michigan through a private 1-800-SUICIDE capitation. This service is provided by Gryphon Place, Third Level and Neighborhood Service Organization (NSO). These groups have all agreed to provide a suicide hotline to specific portions of Michigan

Table

Number and Rate of Deaths Due to Suicide for Ages 10 - 19 by County of Residence
Michigan Residents, 1998 - 2000

County of Residence	1998			1999			2000			1999-2000 age specific rate
	Population	Number	Rate	Population	Number	Rate	Population	Number	Rate	
Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Alcona	1,296			1,301			1,301			
Alger	1,346			1,358			1,358	1		
Allegan	15,532			15,797			15,797			*
Alpena	4,489			4,497		*	4,497			
Antrim	2,939			3,001			3,001			
Arenac	2,374			2,387			2,387			
Baraga	1,214			1,222			1,222			
Barry	8,212			8,223	2		8,223			
Bay	16,011			15,922			15,922	1		
Benzie	1,825			1,883			1,883			
Berrien	22,973	2		22,987			22,987	2		
Branch	6,134			6,140			6,140			
Calhoun	20,474			20,536		*	20,536	3		
Cass	7,395			7,405			7,405			
Charlevoix	3,306			3,371			3,371	1		
Cheboygan	3,306			3,341			3,341			

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Michigan Residents, 1998 - 2000

County of Residence	1998			1999			2000			1999-2000 age specific rate
	Population	Number	Rate	Population	Number	Rate	Population	Number	Rate	
Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Chippewa	5,176			5,146			5,146			
Clare	4,020			4,069			4,069			
Clinton	9,967			10,053		*	10,053			
Crawford	1,870			1,884			1,884			
Delta	5,956			5,930			5,930		*	
Dickinson	3,594			3,565			3,565			
Eaton	15,504			15,589	1	*	15,589	1		*
Emmet	3,943			3,986			3,986			
Genesee	65,121	3		65,450	4	*	65,450	2		4.6
Gladwin	3,582			3,624	1	*	3,624			
Gogebic	2,203			2,171			2,171	1	*	
Grand Traverse	10,538		*	10,695			10,695			
Gratiot	6,430			6,383	1		6,383			
Hillsdale	7,446			7,501			7,501			
Houghton	5,885			5,806			5,806			
Huron	5,006			4,995	2		4,995			

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Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Ingham	44,103	1	*	44,091			44,091	2	*	
Ionia	10,685			10,759			10,759	2	*	*
Iosco	3,240			3,258			3,258			
Iron	1,510			1,497			1,497			
Isabella	11,052			11,088			11,088			
Jackson	21,540			21,707	1		21,707			
Kalamazoo	33,144	1		33,382	2		33,382	2	*	
Kalkaska	2,423			2,460			2,460			
Kent	76,304	7	9.2	77,120	3	*	77,120	2		5.2
Keweenaw	232			235			235			
Lake	1,324			1,347			1,347			
Lapeer	14,722			14,903			14,903			
Leelanau	2,455			2,481			2,481			
Lenawee	15,828			15,982		*	15,982			
Livingston	22,986			23,674	4	*	23,674	2		#VALUE!
Luce	942			933			933			

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	Population	Number	Rate	Population	Number	Rate	Population	Number	Rate	
Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Mackinac	1,539			1,540			1,540			
Macomb	102,302	1		102,915	5	*	102,915	1		2.3
Manistee	3,018	1		3,033	2		3,033			*
Marquette	9,857			9,883	1		9,883			
Mason	3,896			3,897	3	*	3,897			
Mecosta	7,122			7,218			7,218	1	*	
Menominee	3,493			3,493			3,493		*	
Midland	12,262			12,330			12,330			
Missaukee	2,049			2,082			2,082			
Monroe	22,789			23,013	1	*	23,013	1		
Montcalm	9,275			9,381	2	*	9,381	1	*	
Montmorency	1,294			1,291			1,291			
Muskegon	23,776	4	*	23,984			23,984	1		
Newaygo	6,808			6,884			6,884			
Oakland	150,250	6	4.0	150,868	7	4.6	150,868	3		3.5
Oceana	3,841			3,852			3,852			

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	Population	Number	Rate	Population	Number	Rate	Population	Number	Rate	
Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Ogemaw	3,018			3,027	1	*	3,027			
Ontonagon	1,044			1,013			1,013			
Osceola	3,518			3,522			3,522			
Oscoda	1,031			1,028			1,028			
Otsego	3,256			3,324			3,324			
Ottawa	35,996			36,932			36,932	2	*	*
Presque Isle	2,008			2,008		*	2,008			*
Roscommon	2,591			2,605			2,605			
Saginaw	31,872	5	*	31,884			31,884			*
St Clair	24,022			24,353	2	*	24,353	2		
St Joseph	9,277			9,317			9,317			
Sanilac	6,558	2	*	6,604	1	*	6,604			
Schoolcraft	1,218			1,215			1,215			
Shiawassee	11,859			11,816			11,816			
Tuscola	9,445			9,462	1	*	9,462		*	*
Van Buren	11,609	2		11,642			11,642			*

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Michigan Residents, 1998 - 2000

County of Residence	1998			1999			2000			1999-2000 age specific rate
	Population	Number	Rate	Population	Number	Rate	Population	Number	Rate	
Michigan	1,396,027	96	6.9	1,403,841	74	5.3	1,403,841	55	3.9	5.4
Washtenaw	41,447			42,191			42,191	3	*	*
Wayne	290,928	59	20.3	290,822	16	5.5	290,822	10	3.4	9.7
Wexford	4,206			4,267		*	4,267	1	*	

Note: Rates are per 100,000 population. 1999 estimated population is used to calculate the 1999 and 2000 rates. (*) A rate is not calculated when there are fewer than 6 events. (---) No events occurred.

Source: 1998 - 2000 Michigan Resident Death files, Vital Records and Health Data Development Section, MDCH

Table 2

TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 1999

METHOD	1	2	3	4	5	6	7	8	9	TOTAL
POISONING BY OTHER AND UNSPECIFIED DRUGS.										
MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	0	0	0	2	0	2
POISONING BY OTHER GASES AND VAPOURS	0	0	0	0	0	0	0	0	3	3
HANGING, STRANGULATION AND SUFFOCATION	1	2	1	2	5	4	2	5	4	26
HANDGUN DISCHARGE	0	0	1	0	0	0	0	0	0	1
RIFLE, SHOTGUN AND LARGER FIREARM DISCHARGE	0	0	0	1	0	2	1	1	2	7
OTHER AND UNSPECIFIED FIREARM DISCHARGE	1	1	0	3	1	7	5	5	9	32
JUMPING FROM HIGH PLACE	0	0	0	0	0	0	0	0	1	1
UNSPECIFIED MEANS	0	0	0	0	0	1	0	1	0	2
TOTAL	2	3	2	6	6	14	8	14	19	74

SOURCE: 1999-2000 DEATH FILE, VR&HDDS/MDCH

FEMALE TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 1999

METHOD 14 15 16 17 18 19 TOTAL

METHOD	14	15	16	17	18	19	TOTAL
POISONING BY OTHER AND UNSPECIFIED DRUGS,							
MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	1	0	1
HANGING, STRANGULATION AND SUFFOCATION	1	1	1	0	1	0	4
UNSPECIFIED FIREARM DISCHARGE	1	1	0	1	1	2	6
TOTAL	2	2	1	1	3	2	11

MALE TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 1999

METHOD

1 12 13 14 15 16 17 18 19 TOTAL

METHOD	1	12	13	14	15	16	17	18	19	TOTAL
POISONING BY OTHER AND UNSPECIFIED DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	0	0	0	1	0	1
POISONING BY OTHER GASES AND VAPOURS	0	0	0	0	0	0	0	0	3	3
HANGING, STRANGULATION AND SUFFOCATION	1	2	1	1	4	3	2	4	4	22
HANDGUN DISCHARGE	0	0	1	0	0	0	0	0	0	1
RIFLE, SHOTGUN AND LARGER FIREARM DISCHARGE	0	0	0	1	0	2	1	1	2	7
OTHER AND UNSPECIFIED FIREARM DISCHARGE	1	1	0	2	0	7	4	4	7	26
JUMPING FROM HIGH PLACE	0	0	0	0	0	0	0	0	1	1
UNSPECIFIED MEANS	0	0	0	0	0	1	0	1	0	2
TOTAL	2	3	2	4	4	13	7	11	17	63

Table 3

TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 2000

METHOD	13	15	16	17	18	19	TOTAL
POISONING BY OTHER AND UNSPECIFIED DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	1	0	1
POISONING BY OTHER GASES AND VAPOURS	0	0	0	0	0	1	1
HANGING, STRANGULATION AND SUFFOCATION	0	1	4	7	5	1	22
HANDGUN DISCHARGE	0	0	1	0	1	0	2
RIFLE, SHOTGUN AND LARGER FIREARM DISCHARGE	0	1	3	1	2	1	8
OTHER AND UNSPECIFIED FIREARM DISCHARGE	1	2	0	5	2	2	16
SMOKE, FIRE AND FLAMES	0	0	0	0	0	1	1
SHARP OBJECT	0	0	0	1	0	0	1
JUMPING FROM HIGH PLACE	0	0	0	0	0	2	2
CRASHING OF MOTOR VEHICLE	0	0	0	1	0	0	1
TOTAL	1	4	8	15	11	4	55

FEMALE TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 2000

METHOD 13 15 16 17 18 19 TOTAL

METHOD	13	15	16	17	18	19	TOTAL
POISONING BY OTHER AND UNSPECIFIED DRUGS.							
MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	1	0	0	1
HANGING, STRANGULATION AND SUFFOCATION	0	1	3	0	0	2	6
UNSPECIFIED FIREARM DISCHARGE	1	0	1	1	1	0	4
TOTAL	1	1	4	2	1	2	11

MALE TEEN SUICIDE DEATHS BY AGE AND METHOD, MICHIGAN RESIDENTS, 2000

METHOD	13	15	16	17	18	19	TOTAL
POISONING BY OTHER GASES AND VAPOURS	0	0	0	0	0	1	1
HANGING, STRANGULATION AND SUFFOCATION	0	1	3	4	5	1	16
HANDGUN DISCHARGE	0	0	1	0	1	0	2
RIFLE, SHOTGUN AND LARGER FIREARM DISCHARGE	0	1	3	1	2	1	8
OTHER AND UNSPECIFIED FIREARM DISCHARGE	1	1	0	4	1	1	12
SMOKE, FIRE AND FLAMES	0	0	0	0	0	1	1
SHARP OBJECT	0	0	0	1	0	0	1
JUMPING FROM HIGH PLACE	0	0	0	0	0	2	2
CRASHING OF MOTOR VEHICLE	0	0	0	1	0	0	1
TOTAL	1	3	7	11	9	3	44

2001 YOUTH RISK BEHAVIOR SURVEY RESULTS

Table

Michigan High School Survey
Summary Table - Weighted Data

Q23. Percentage of students who, during the past 12 months, ever felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities

	Percentage	Total		N	Males			N	Females		
		Percentage	95% confidence interval		Percentage	95% confidence interval	Percentage		95% confidence interval		
Total	27.3	25.5 - 29.0	3,597	21.8	(20.3 - 23.3)	1,751	32.9	(30.2 - 35.6)	1,830		
Age											
15 or younger	26.9	24.0 - 29.8	1,284	21.3	(18.1 - 24.6)	570	32.4	(28.2 - 36.6)	708		
16 or 17	27.4	25.1 - 29.8	1,866	22.2	(19.3 - 25.1)	927	32.8	(29.0 - 36.6)	932		
18 or older	27.7	23.0 - 32.4	444	21.6	(16.1 - 27.1)	253	34.7	(27.4 - 42.1)	190		
Grade											
9th	26.3	(22.7 - 29.9)	915	20.7	(18.2 - 23.3)	409	32.4	(26.1 - 38.8)	501		
10th	28.6	(25.9 - 31.3)	1,047	23.4	(19.7 - 27.1)	512	34.0	(29.5 - 38.5)	530		
11th	26.6	(23.0 - 30.3)	927	21.6	(17.6 - 25.6)	474	31.5	(25.5 - 37.5)	452		
12th	27.0	(24.6 - 29.3)	654	20.9	(17.4 - 24.4)	329	32.8	(29.4 - 36.3)	325		
Race/Ethnicity											
African American	28.6	(23.0 - 34.3)	485	23.2	(17.0 - 29.3)	225	34.2	27.2 - 41.2	257		
Hispanic/ Latino	36.4	(27.2 - 45.7)	117			50	-		66		
White	26.2	(24.4 - 27.9)	2,566	20.8	(19.0 - 22.5)	1,277	31.9	(29 - 34.7)	1,284		
All other races	33.0	(26.6 - 39.4)	212	35.0	(27.8 - 42.2)	110			97		
Multiple races	35.3	(25.5 - 45.2)	177			79			98		

Note: There were 33 students who did not provide usable data for Q23

N = Number of unweighted observations.

- = Fewer than 100 observations.

200 YOUTH RISK BEHAVIOR SURVEY RESULTS

Michigan High School Survey
Summary Table - Weighted Data

Q24. Percentage of students who seriously considered attempting suicide during the past 12 months

	Total			Males			Females		
	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N
Total	18.1	(16.7 - 19.5)	3,596	13.1	(11.5 - 14.7)	1,755	23	25.2	1,827
Age									
15 or younger	18.2	(16.4 - 20.0)	1,285	13.1	(10.6 - 15.5)	574	23.5	(20.2 - 26.8)	706
16 or 17	18.6	(16.5 - 20.6)	1,862	13.9	(11.3 - 16.4)	926	23.3	(20.2 - 26.4)	930
18 or older	15.9	(13.2 - 18.5)	446	10.9	(6.5 - 15.3)	254	21.5	(16.5 - 26.5)	191
Grade									
9th	17.8	(15.6 - 20.1)	914	13.3	(10.7 - 15.9)	409	22.7	(18.9 - 26.6)	500
10th	19.8	(17.6 - 22.0)	1,046	14.4	(10.8 - 18.1)	512	25.3	(22.5 - 28.0)	530
11th	18.3	(15.7 - 21.0)	927	14.1	(10.6 - 17.6)	475	22.6	(19.0 - 26.3)	451
12th	15.9	(12.2 - 19.6)	656	10.0	(5.5 - 14.4)	330	21.6	(17.2 - 26.1)	326
Race/Ethnicity									
African American	15.3	(12.5 - 18.0)	481	9.2	4.2 - 14	224	21	17.2 - 25.0	255
Hispanic/Latino	27.1	(19.5 - 34.8)	116			49			66
White	18.2	(16.6 - 19.8)	2,567	13	(11.3 - 15.1)	1,278	23.5	(21 - 25.9)	1,284
All other races	21.4	(14.7 - 28.2)	214	21	(12.5 - 30.4)	113	-		97
Multiple races	19.1	(11.9 - 26.3)	178			80			98

Note: There were 34 students who did not provide usable data for Q24

N = Number of unweighted observations.

- = Fewer than 100 observations.

200 YOUTH RISK BEHAVIOR SURVEY RESULTS

Michigan High School Survey
Summary Table - Weighted Data

Q25. Percentage of students who made a plan about how they would attempt suicide during the past 12 months

	Total			Males			Females		
	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N
Total	14.8	(13.8 - 15.8)	3,566	11.4	(9.8 - 13.0)	1,734	18.2	(16.6 - 19.8)	1,818
Age									
15 or younger	15.1	(12.8 - 17.4)	1,276	11.6	(8.1 - 15.0)	564	18.7	(16.3 - 21.2)	707
16 or 17	15.1	(13.5 - 16.6)	1,846	11.9	(9.9 - 13.9)	917	18.3	(16.0 - 20.6)	923
18 or older	12.7	(9.5 - 15.9)	441	9.3	(5.9 - 12.8)	252	16.2	(10.8 - 21.7)	188
Grade									
9th	15.1	(12.8 - 17.5)	910	12.8	(9.2 - 16.5)	404	17.7	(15.0 - 20.5)	501
10th	14.7	(12.6 - 16.7)	1,033	10.2	(7.3 - 13.1)	507	19.2	(15.9 - 22.4)	522
11th	15.3	(12.7 - 17.9)	921	12.1	(9.2 - 15.0)	470	18.6	(15.2 - 22.1)	450
12th	13.1	(10.5 - 15.7)	649	9.2	(6.3 - 12.1)	326	16.9	(12.0 - 21.7)	323
Race/Ethnicity									
African American	14.8	(11.5 - 18.1)	483	10.8	(6.8 - 14.9)	225	18.7	(14.6 - 22.8)	256
Hispanic/ Latino	19.3	(10.9 - 27.7)	114	-		48			65
White	14.3	(13.3 - 15.3)	2,546	10.8	(8.8 - 12.8)	1,266	18.0	(16.3 - 19.6)	1,275
All other races	23.6	(16.0 - 31.2)	208	22.9	(14.3 - 31.5)	107	-		97
Multiple races	18.2	(9.5 - 26.9)	175			78			97

Note: There were 64 students who did not provide usable data for Q25.

N = Number of unweighted observations.

- = Fewer than 100 observations.

2001 YOUTH RISK BEHAVIOR SURVEY RESULTS

Michigan High School Survey
Summary Table - Weighted Data

Q26. Percentage of students who actually attempted suicide one or more times during the past 12 months

	Total			Males			Females		
	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N
Total	10.2	(8.7 - 11.6)	3,131	8.4	(6.6 10.2)	1,521	11.7	9.9 13.5)	1,595
Age									
15 or younger	12.5	(10.1 - 15.0)	1,131	10.1	(6.5 13.6)	496	14.4	11.7 17.2)	629
16 or 17	8.7	(7.0 - 10.3)	1,619	8.3	(6.1 10.4)	808	9.0	7.1 11.0)	805
18 or older	8.1	(5.2 - 11.0)	378	4.1	(1.4 6.8)	216	13.1	7.2 19.1)	161
Grade									
9th	13.0	(10.0 - 16.0)	804	11.0	(6.8 15.2)	353	14.6	(10.6 18.6)	446
10th	11.6	(9.4 - 13.9)	906	9.4	(6.0 12.8)	445	13.6	(11.3 15.8)	457
11th	6.9	(4.9 - 9.0)	816	6.6	(4.1 9.0)	418	7.3	(4.2 10.4)	397
12th	6.7	(4.7 - 8.7)	560	4.0	(1.1 6.9)	283	9.3	(6.3 12.4)	276
Race/Ethnicity									
African American	16.0	(11.3 - 20.8)	373	16	(9 23)	175	14.3	10.0 18.5)	196
Hispanic/ Latino	17.5	(8.4 - 26.6)	105	-		45			59
White	8.9	(7.7 - 10.0)	2,278	6.6	(5 8.2)	1,128	11.2	(9.3 13.1)	1,144
All other races	18.9	(10.9 - 26.8)	179			93			82
Multiple races	10.0	(4.3 - 15.6)	163			70			93

Note: There were 499 students who did not provide usable data for Q26

N = Number of unweighted observations.

- = Fewer than 100 observations.

2001 YOUTH RISK BEHAVIOR SURVEY RESULT

Michigan High School Survey
Summary Table - Weighted Data

Q27. Percentage of students whose attempted suicide during the past 12 months resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse

	Total			Males			Females		
	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N	Percentage	95% confidence interval	N
Total	3.5	(2.8 - 4.2)	3,107	3.5	(2.4 - 4.6)	1,510	3.3	(2.5 - 4.1)	1,584
Age									
15 or younger	4.1	(3.0 - 5.2)	1,119	4.5	(2.7 - 6.3)	490	3.2	(1.9 - 4.4)	624
16 or 17	3.2	(2.4 - 4.0)	1,611	3.4	(2.2 - 4.5)	805	3.0	(2.0 - 3.9)	800
18 or older	3.0	(0.8 - 5.3)	375	1.6	(0.0 - 3.1)	215	4.9	(0.3 - 9.4)	160
Grade									
9th	4.7	(3.2 - 6.3)	798	5.8	(2.8 - 8.8)	352	3.0	(1.6 - 4.3)	441
10th	3.7	(2.7 - 4.7)	899	3.0	(1.5 - 4.5)	439	4.1	(3.0 - 5.3)	456
11th	2.3	(1.2 - 3.4)	812	2.4	(0.7 - 4.1)	415	2.2	(1.1 - 3.3)	396
12th	2.3	(0.8 - 3.8)	557	1.2	(0.1 - 2.4)	283	3.4	(0.8 - 5.9)	274
Race/Ethnicity									
African American	3.8	(1.4 - 6.3)	368	4.0	(0.0 - 8.2)	174	2.1	(0.4 - 3.8)	193
Hispanic/ Latino	8.3	(-1.6 - 15.1)	103	-	-	44	-	-	58
White	3.3	(2.5 - 4.1)	2,271	3.2	(2.2 - 4.3)	1,126	3.4	(2.5 - 4.3)	1,140
All other races	8.7	(3.5 - 14.0)	175			89			82
Multiple races	1.0	(0.0 - 2.3)	159			68			91

Note: There were 523 students who did not provide usable data for Q27.

N = Number of unweighted observations.

- = Fewer than 100 observations.