

The results given for the Grade Level and Race/ Ethnicity categories show only 2015 data. Each data cell (Figure 2) contains the results that correspond to those females who reported the question out of the total female respondents within each grade level or each race/ethnicity.

- In 2015, 30.1% of 8th grade females (353 of all 8th grade female respondents) versus 39.6% of 10th grade females (299 of all 10th grade female respondents) reported feeling sad or hopeless almost every day for two weeks or more in a row.

Margin of Error








Use caution when comparing the results of females between any given survey year, grade level or race/ethnicity. Because the YAS uses a representative sample of youth among the whole population of 8th, 10th and 12th graders in Ottawa County, there is a small margin of error around each result; percentages that have small differences may actually not be statistically different from one another. See page 10 of the 2015 YAS report (www.miOttawa.org/2015YAS) for more information about Margin of Error and the YAS.

Methods

The methodology of these reports is similar to the county-wide 2015 YAS report (see the **Methods** section of the 2015 YAS report (www.miOttawa.org/2015YAS) for additional details regarding the methods of data preparation and analysis, as well as the limitations inherent in the YAS survey process). In the 2015 YAS there is an overrepresentation of 8th graders and an underrepresentation of 10th and 12th graders. To account for this, each student’s data are assigned a post-stratification weight to improve how well the results actually represent student responses from participating schools. This is done by comparing the actual number of respondents in 8th, 10th and 12th grades per school to the reported headcount for those grade levels per school.

- While this report only contains responses from females, the possibility for a skewed representation by grade still existed. Due to this, the same post-stratification weights used in the county-wide YAS report are used in the gender reports to make the data more comparable to Ottawa County’s true proportion of males and females.
- All percentages in this report are weighted; all student counts are not weighted.
- Since the questions in the Sexual Behavior section were optional for schools, not all students had these questions. The number of female respondents, and the post-stratification weight used for each respondent, is different for this section.

Once a subset of the data was created containing only the desired gender the same analysis was run on the data as the county-wide 2015 YAS. This produced population proportion estimates for each behavior included in the YAS as well as linear trends for each behavior that had at least 3 years’ worth of data. Statistically significant linear trends are indicated by the symbols in the table below. See page 11 of the 2015 YAS report (www.miOttawa.org/2015YAS) for more information about use of linear trend analysis and the YAS.

Results Table Symbols	
<i>Statistically significant linear trends</i>	
	New to YAS in 2015
	Increasing & Moving in the Right Direction
	Decreasing & Moving in the Right Direction
	Increasing & Moving in the Wrong Direction
	Decreasing & Moving in the Wrong Direction
 	Increasing or Decreasing but cannot be said to be Moving in the Right/Wrong Direction

