

10-year Trend Analysis Report Documentation

Purpose The 10-Year Trend Analysis Report describes whether the prevalence of each behavior has increased, decreased, or stayed the same between 2003 and 2013 overall and by sex, and race/ethnicity.

The 10-Year Trend Analysis Report is the same as the standard “Trend Analysis Report” except it covers a different time period.

Example

2012 YOUTH RISK BEHAVIOR SURVEY RESULTS								
Metropolis High School Survey								
10-year Trend Analysis Report								
Total Injury and Violence	Health Risk Behavior and Percentages					Linear Change*	Quadratic Change*	Change from 2010-2012 †
	2003	2005	2007	2008	2010	2012		
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol								
			24.7	21.1	18.9	Decreased, 2008-2012	Not available [‡]	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days								
			3.6	5.3	6.0	Increased, 2008-2012	Not available	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days								
			5.6	8.1	6.4	No linear change	Not available	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school								
			5.5	5.1	3.9	Decreased, 2008-2012	Not available	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
 †Based on t-test analysis, $p < 0.05$.
 ‡Not enough years of data to calculate.

Content See the “Trend Analysis Report Documentation” for information on how to read the “10-year Trend Analysis Report.”