

2012 School Health Profiles Report Trend Analysis Report

Purpose:

This Trend Analysis Report describes whether school health policies and practices measured by School Health Profiles (Profiles) have increased, decreased, or stayed the same over time. The report contains two parts: 1) variables from the Elementary School Principal Survey and 2) School-Level Impact Measures (SLIMs) that can be calculated from the Elementary School Principal Survey.

Inclusion Criteria:

A Trend Analysis Report is generated for sites that have weighted Profiles data for the Elementary School Principal Survey in 2012 and 2010. Sites that do not have weighted data in one or both of these years do not receive a Trend Analysis Report. For each variable, data from both survey years are included in the analysis of that variable.

Analyses:

Logistic regression analysis is used to test for change over time. The regression models assess linear time effects.

Trend Analysis Report Column Headings:

Variable – Every question from the Elementary School Principal Survey that was included in both the 2010 and 2012 survey years are included in this column. The text reflects the response or responses of interest for the particular variable. Note that the wording used for some SLIMs has been shortened to save space. Please refer to the SLIMs section of this binder for the complete wording of each SLIM.

Prevalence – These columns provide the prevalence estimate for each variable for each year included in the report.

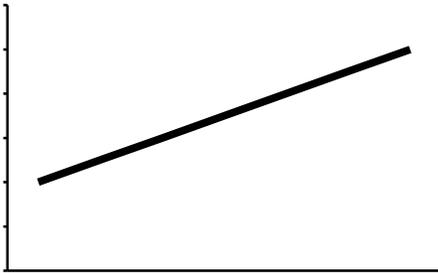
Changes Over Time – These columns indicate whether there was a significant linear change in prevalence over time. See below for an explanation of how to interpret the results of the Trend Analysis Report.

Note: Special care should be used in interpreting trend results for policies or practices that have very low prevalence. Trend analyses can be sensitive to the small number of schools in the numerator of very low prevalence variables.

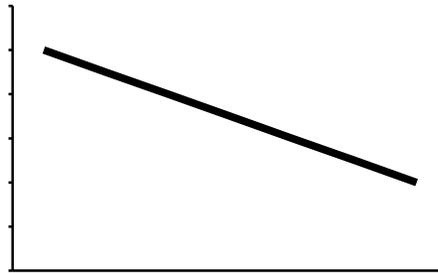
Interpretation of Results:

Linear change = YES

This means the policy or practice either increased (A) or decreased (B) significantly over time. A graph of the trend line will be relatively straight.



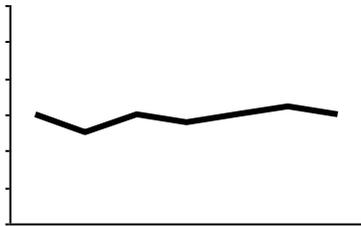
A



B

Linear change = NO

This means that there was no significant change in the policy or practice over time. A graph of the trend line will be relatively flat (C).



C