

# 2014 SCHOOL HEALTH PROFILES REPORT

## Principal Sample Description and Weighting Procedures Documentation

**Purpose** The Principal Sample Description describes the sample and weighting procedures used for the principal survey.

### Example

**MEGATROPOLIS**  
**2014 School Health Profiles Report**  
**Sample Description and Weighting Procedures**  
**Principal Survey**

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**SAMPLE DESCRIPTION:**

The sampling frame included 1,056 schools containing at least one of grades 6 through 12. The table below shows the types of secondary schools included in and excluded from the sampling frame.

School Type	
Regular Public	Included
Charter	Included
Private	Excluded
Alternative	Excluded
Vocational	Excluded
Special Education	Excluded

NOTE: Your 2012 Profiles sampling frame had the same types of schools included and excluded.

Schools were sorted by estimated enrollment in the target grades within school level (high schools, middle schools, and junior/senior high schools combined) before sampling. Systematic equal probability sampling with a random start was used to select schools for the survey. The sample contained 426 schools. Among these 426 schools, 4 were ineligible. The principal or designee completed the questionnaire in each participating school.

**RESPONSE RATE:**

70% - 294 of the 422 principals from sampled eligible schools returned questionnaires. After data editing, 294 questionnaires were usable.

**WEIGHTING:**

A weight has been associated with each questionnaire to reflect the likelihood of a school being selected, to reduce bias by compensating for differing patterns of nonresponse, and to improve precision by making school sample distributions conform to known population distributions. The weight used for estimation is given by:

$$W = W_1 * f_1 * f_2$$

$W_1$  = inverse of the probability of school selection.

$f_1$  = a nonresponse adjustment factor calculated by school size (large, medium, or small) and school level (high school, middle school, or junior/senior high school combined).

$f_2$  = a poststratification adjustment factor calculated by school level (high school, middle school, or junior/senior high school combined).

**USE OF THE RESULTS:**

The weighted results can be used to describe school health policies and practices of all regular public schools and charter schools in Megatropolis containing at least one of grades 6 through 12.

- Content** The Principal Sample Description includes information on:
- The types of schools included in the sampling frame.
  - How the sample was selected.
  - The response rate.
  - How the data were weighted including the specific formula used.
  - A summary statement about how the results may be used.