

**IOWA**  
**2020 School Health Profiles Report**  
**Sample Description and Weighting Procedures**  
**Principal Survey and Lead Health Education Teacher Survey Combined**

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**SAMPLE DESCRIPTION:**

The sampling frame included 573 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.

<b>School Type</b>	<b>Inclusion/Exclusion</b>
Regular Public	Included
Charter	Excluded
Private	Excluded
Alternative	Excluded
Vocational	Excluded
Special Education	Excluded

NOTE: Your 2018 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 (middle school or other including junior/senior high school combined and high school) before sampling. Systematic equal probability sampling with a random start was used to select schools for the survey. The sample contained 348 schools. Among these 348 schools, 3 were ineligible. The principal and the lead health education teacher completed one or both questionnaires in each participating school.

**RESPONSE RATE:**

91% - 313 out of 345 sampled eligible schools returned one or both questionnaires. After data editing, 313 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 (middle school or other including junior/senior high school combined and high school).

$f_2$  = 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 in Iowa containing at least one of grades 6 through 12.