

2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

District of Columbia Middle School Survey Sample Description

Sample Description

School Level – All schools of the following type(s) containing grades 6, 7, or 8 were included in the sampling frame:

| School Type | |
|-------------------|----------|
| Regular public | Included |
| Charter | Included |
| Private | Excluded |
| Alternative | Excluded |
| Vocational | Excluded |
| Special education | Excluded |

Note: Your 2019 YRBS sampling frame had the same types of schools included and excluded.

All 74 schools in the sampling frame were selected. 4 schools were ineligible.

Class Level - All students were included in the sample.

Response Rates

Schools - 100% 70 of the 70 sampled eligible schools participated.

Students - 76% 12,275 of the 15,595 sampled students submitted questionnaires.
11,783 questionnaires were usable after data editing.

Overall response rate - $100\% * 76\% = 76\%$ ¹

Nonresponse Bias Analyses

| Analysis | Significant difference? |
|---|-------------------------|
| Responding schools vs. nonresponding schools by | |
| school enrollment size category | NA* |
| poverty measure | NA* |
| locale type | NA* |
| Responding students vs. nonresponding students by student grade | No |
| Weighted sample % vs. population % by | |
| student sex | Yes |
| student grade | No |
| student race/ethnicity | Yes |

*NRBA is not applicable for 100% school response.

¹ Overall response rate is computed as (number of participating schools/number of eligible sampled schools) * (number of usable questionnaires/number of eligible students sampled in participating schools), rounded to the nearest integer.

Weighting

A weight has been associated with each questionnaire to reflect the likelihood of sampling each student and to reduce bias by compensating for differing patterns of nonresponse. The weight used for estimation is given by:

$$W = f1 * f2$$

f1 = a student-level nonresponse adjustment factor calculated by school;
f2 = a poststratification adjustment factor calculated by grade and by race/ethnicity.

Use of the Weighted Results

The weighted results can be used to make important inferences concerning the priority health-risk behaviors of all regular public and charter school students in grades 6 through 8.