

## NEBRASKA

### 2010 School Health Profiles Report Sample Description and Weighting Procedures Elementary School Principal Survey

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#### **SAMPLE DESCRIPTION:**

All regular public elementary schools having at least one of grades K through 5 were included in the sampling frame. Systematic equal probability sampling with a random start was used to select schools for the survey. The principal or his/her designee was surveyed in each participating school.

#### **RESPONSE RATE:**

71% - 256 out of 360 sampled eligible principals returned questionnaires. All questionnaires were usable after data editing.

#### **WEIGHTING:**

A weight has been associated with each questionnaire to reflect the likelihood of a principal 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).

$f_2$  = a poststratification adjustment factor calculated by school size (large, medium, or small).

#### **USE OF THE RESULTS:**

The weighted results can be used to describe school health policies and practices of all regular public elementary schools in Nebraska having at least one of grades K through 5.