

## ANALYSIS

For the analysis, a weighting factor was applied to each student record to adjust for non response and for the varying probabilities of selection. The programs SUDAAN and Epi-Info were used to compute rates and 95.0% confidence intervals for the estimates. 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 non-response. The weight use for estimation is given:  $W=W1*W2*f1*f2*f3*f4$ .

W1= the inverse of the probability of selecting the school.

W2= the inverse of the probability of selecting the classroom within the school.

F1= a school-level non-response adjustment factor calculated by school size category (small, medium, large).

F2= a class-level non-response adjustment factor calculate for each school.

F3= a student-level non-response adjustment factor calculated by class.

F4= a post stratification adjustment factor calculate by grade.

## RESULTS

For the 2000 Chile GYTS, 6204 questionnaires were completed in 206 schools. The school response rate was 93.2%, the student response rate was 99.7%, and the overall response rate was 92.9%.

## COMMENTS

GYTS (EMTAJOVEN), is the first nationwide survey in Chile concerning issues about tobacco use in school age children and adolescents. With a 92.9% overall respond rate, GYTS (EMTAJOVEN) results are representative of adolescents in Chile age 13-15 who attend public and private schools. GYTS (EMTAJOVEN) also explored for the first time the behavior and the personal perspective of this age group not only on cigarette smoking, but the consumption of other tobacco products. Additionally, GYTS (EMTAJOVEN) results allow for the comparison of students who currently smoke vs. students who have never smoked in terms of the motivations and determinates smoking. This information is vital for the development of scientifically sound interventions.

GYTS (EMTAJOVEN) data will need to be explored extensively. In this report present only basis results, more details analysis and reporting will follow.

An important objective achieved in Chile is the strategic alliance built to allow GYTS (EMTAJOVEN) implementation. A true partnership of, the public and the private sector.