



## China (Wuhan) 2003 Fact Sheet

The **2003 China (Wuhan) GSHS** measured alcohol and other drug use; unintentional injuries and violence; hygiene; dietary behaviors and overweight; physical activity; tobacco use; mental health; and protective factors.

The 2003 China (Wuhan) GSHS was a school-based survey of students in grades 1, 2, 3, and 4. A two-stage cluster sample design was used to produce data representative of all students in grades 1, 2, 3, and 4 in China (Wuhan). At the first stage, schools were selected with probability proportional to enrollment size. At the second stage, classes were randomly selected and all students in selected classes were eligible to participate. The school response rate was 100%, the student response rate was 98%, and the overall response rate was 98%. A total of 1,947 students participated in the China (Wuhan) GSHS. Students self-reported their responses to each question on a computer scannable answer sheet. For comparison purposes, only students aged 13-15 years are included in the analyses for this fact sheet.

| Results for students aged 13-15 years  | Total      | Boys       | Girls      |
|--|------------|------------|------------|
| <b>Alcohol and Other Drug Use</b>  |            |            |            |
| Percentage of students who had at least one drink containing alcohol on one or more days during the past 30 days   | 14.8 ± 2.5 | 19.7 ± 2.9 | 9.7 ± 2.4  |
| Percentage of students who drank so much alcohol that they were really drunk one or more times during their life   | 13.5 ± 1.2 | 18.5 ± 2.4 | 8.0 ± 2.2  |
| Percentage of students who had a hang-over, felt sick, got into trouble with their family or friends, missed school, or got into fights, as a result of drinking alcohol one or more times during their life | 6.3 ± 1.3  | 8.1 ± 2.2  | 4.1 ± 1.5  |
| Percentage of students who used drugs one or more times during their life  | 2.3 ± 1.0  | 3.8 ± 1.8  | 0.7 ± 0.4  |
| <b>Unintentional Injuries and Violence</b>   |            |            |            |
| Percentage of students who were in a physical fight one or more times during the past 12 months  | 20.1 ± 3.9 | 30.4 ± 5.6 | 8.1 ± 2.4  |
| Percentage of students who were seriously injured one or more times during the past 12 months  | 22.3 ± 2.7 | 28.4 ± 4.4 | 15.0 ± 3.4 |
| Percentage of students who were bullied on one or more days during the past 30 days  | 33.2 ± 3.4 | 34.2 ± 5.0 | 31.6 ± 4.4 |
| <b>Hygiene</b>   |            |            |            |
| Percentage of students who never or rarely washed their hands before eating during the past 30 days  | 9.1 ± 1.7  | 9.4 ± 2.5  | 8.6 ± 2.7  |
| Percentage of students who never or rarely washed their hands after using the toilet or latrine during the past 30 days  | 3.5 ± 1.3  | 3.5 ± 1.4  | 3.5 ± 1.7  |



## China (Wuhan) 2003 Fact Sheet

| Results for students aged 13-15 years   | Total      | Boys       | Girls      |
|---|------------|------------|------------|
| <b>Dietary Behaviors and Overweight</b>   |            |            |            |
| Percentage of students who went hungry most of the time or always during the past 30 days because there was not enough food in their home   | 1.9 ± 0.6  | 1.9 ± 0.8  | 2.0 ± 0.6  |
| Percentage of students who are overweight*  | 8.0 ± 2.8  | 8.8 ± 3.9  | 7.1 ± 2.6  |
| Percentage of students who are at risk for becoming overweight**  | 7.4 ± 1.5  | 9.9 ± 2.4  | 4.6 ± 1.6  |
| <b>Physical Activity</b>  |            |            |            |
| Percentage of students who were physically active for a total of at least 60 minutes per day on all 7 days during the past 7 days   | 14.6 ± 2.7 | 18.6 ± 4.2 | 10.0 ± 2.6 |
| Percentage of students who spent three or more hours per day during a typical or usual day sitting and watching television, playing computer games, talking with friends, or doing other sitting activities | 19.1 ± 3.0 | 21.8 ± 4.1 | 16.0 ± 3.2 |
| <b>Tobacco Use</b>  |            |            |            |
| Percentage of students who smoked cigarettes on one or more days during the past 30 days  | 6.6 ± 3.1  | 11.1 ± 5.5 | 1.4 ± 1.0  |
| Percentage of students who used any other form of tobacco on one or more days during the past 30 days   | 1.6 ± 0.8  | 2.5 ± 1.3  | 0.4 ± 0.5  |
| Percentage of students who reported people smoking in their presence on one or more days during the past 7 days   | 67.0 ± 4.4 | 71.5 ± 4.5 | 62.1 ± 6.1 |
| <b>Mental Health</b>  |            |            |            |
| Percentage of students who felt lonely most of the time or always during the past 12 months   | 8.0 ± 2.1  | 7.1 ± 2.4  | 9.2 ± 2.6  |
| Percentage of students who seriously considered attempting suicide during the past 12 months  | 19.0 ± 2.5 | 15.6 ± 2.9 | 22.5 ± 4.0 |
| Percentage of students who have no close friends  | 10.3 ± 1.8 | 9.8 ± 2.2  | 10.8 ± 2.5 |
| <b>Protective Factors</b>   |            |            |            |
| Percentage of students who missed classes or school without permission on one or more days during the past 30 days  | 7.0 ± 1.7  | 8.0 ± 2.4  | 5.7 ± 1.8  |
| Percentage of students who reported that most of the students in their school were never or rarely kind and helpful during the past 30 days   | 36.5 ± 4.4 | 39.4 ± 4.7 | 32.8 ± 4.5 |
| Percentage of students whose parents or guardians never or rarely really knew what they were doing with their free time during the past 30 days   | 38.0 ± 3.8 | 36.8 ± 4.7 | 39.9 ± 4.4 |



## China (Wuhan) 2003 Fact Sheet

### Results for students aged 13-15 years

**Total**

**Boys**

**Girls**

\*Students who were at or above the 95th percentile for body mass index by age and sex based on reference data from Cole, Bellizzi, Flegal, and Dietz, British Medical Journal, May, 2000.

\*\*Students who were at or above the 85th percentile but below the 95th percentile for body mass index by age and sex based on reference data from Cole, Bellizzi, Flegal, and Dietz, British Medical Journal, May, 2000.

**For additional information, please contact:**

Dr. Benchun Tian

China CDC, Beijing, China, [doctor@tian.com.cn](mailto:doctor@tian.com.cn)