DATA DOCUMENTATION MANUAL

## Introduction

The Youth Risk Behavior Surveillance System (YRBSS) is an epidemiologic surveillance system that was established by the Centers for Disease Control and Prevention (CDC) to monitor the prevalence of youth behaviors that most influence health. The 1993 national schoolbased Youth Risk Behavior Survey (YRBS) is one component of the YRBSS.

The YRBS focuses on priority health-risk behaviors established during youth that result in the most significant mortality, morbidity, disability, and social problems during both youth and adulthood. These include: behaviors that result in unintentional and intentional injuries; tobacco use; alcohol and other drug use; sexual behaviors that result in HIV infection, other sexually-transmitted diseases (STDs), and unintended pregnancies; dietary behaviors; and physical activity.

Results from the YRBS will be used by CDC to: (1) monitor how priority health-risk behaviors among high school students (grades 9-12) increase, decrease, or remain the same over time; (2) evaluate the impact of broad national, state, and local efforts to prevent priority health-risk behaviors; and (3) monitor progress in achieving relevant national health objectives for the year 2000. Results also will be used to help focus programs and policies for comprehensive school health education on the behaviors that contribute most to the leading causes of mortality and morbidity.

To make the data more widely available, a standardized diskette has been prepared for distribution. This Data Documentation Manual contains a detailed description of the diskette.

Record Length: 107
Number of Records: 16,296

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User Services
    Questions and comments concerning the 1993 national school-based
YRBS may be addressed to:
    1993 YRBS
    Division of Adolescent and School Health
    National Center for Chronic Disease Prevention and Health Promotion
    Centers for Disease Control and Prevention
    Mailstop K-33
    4770 Buford Highway, NE
    Atlanta, Georgia 30341-3724
or call Laura Kann at (404) 488-5330.
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The Division of Adolescent and School Health will assist users as much as possible within the constraints of time and staff availability.

## Methodology

The 1993 national school-based Youth Risk Behavior Survey (YRBS) used a three-stage cluster sample design to produce a nationally representative sample of 9 th through 12 th grade students in the United States. The target population consisted of all public and private school students in grades 9 through 12 in the fifty states and the District of Columbia. The first-stage sampling frame included 1,928 primary sampling units (PSUs) consisting of large counties or groups of smaller, adjacent counties. Fifty PSUs were selected from sixteen strata formed on the basis of urbanization and the relative percentage of black and Hispanic students in the PSU. The PSUs were selected with probabilities proportional to school enrollment size. At the second stage of selection, 199 schools were selected with probability proportional to school enrollment size. Schools with substantial numbers of black and Hispanic students were sampled at relatively higher rates than all other schools. The final stage of sampling consisted of randomly selecting within each chosen school at each grade 9 through 12, one or two intact classes of a required subject such as English or social studies. All students in selected classes were eligible to participate.

## Survey Procedures

Survey procedures were designed to protect student privacy and allow for anonymous participation. The 87 -item questionnaire was administered in the classroom by trained data collectors. Students recorded responses on computer scannable answer sheets. Parental consent was obtained prior to survey administration.

The school response rate was 78 percent and the student response rate was 90 percent. All totaled, 16,296 questionnaires were completed in 155 schools. The overall response rate was 70 percent.

Weighting
A weighting factor was applied to each student record to adjust for nonresponse and the oversampling of black and Hispanic students in the sample. The final, overall weights were scaled so that the weighted count of students was equal to the total sample size and the weighted proportions of students in each grade matched national population projections.

## 1993 NATIONAL SCHOOL-BASED YRBS CODEBOOK

| Data <br> Location | Item Number | Label and Code | Frequency |
| :---: | :---: | :---: | :---: |
| 1-1 | Q1 | How old are you? |  |
|  |  | $1 \quad 12$ years old or younger | 11 |
|  |  | 213 years old | 28 |
|  |  | 314 years old | 1564 |
|  |  | 415 years old | 3469 |
|  |  | $5 \quad 16$ years old | 4079 |
|  |  | 617 years old | 4308 |
|  |  | $7 \quad 18$ years old or older | 2809 |
|  |  | Missing | 28 |
| 2-2 | Q2 | What is your sex? |  |
|  |  | 1 Female | 8233 |
|  |  | 2 Male | 8020 |
|  |  | Missing | 43 |
| 3-3 | Q3 | In what grade are you? |  |
|  |  | 1 9th grade | 3927 |
|  |  | 2 10th grade | 3806 |
|  |  | 311 th grade | 4126 |
|  |  | 412 th grade | 4373 |
|  |  | 5 Ungraded or other | 32 |
|  |  | Missing | 32 |
| 4-4 | Q4 | How do you describe yourself? |  |
|  |  | 1 White - not Hispanic | 6619 |
|  |  | 2 Black - not Hispanic | 3679 |
|  |  | 3 Hispanic | 4699 |
|  |  | 4 Asian or Pacific Islander | 543 |
|  |  | 5 Native American or Alaskan Native | 182 |
|  |  | 6 Other | 508 |
|  |  | Missing | 66 |


| Data <br> Location | Item Number | Lab | el and Code | Frequency |
| :---: | :---: | :---: | :---: | :---: |
| 5-5 | Q5 | Compared to other students in your class, what kind of student would you say you are? |  |  |
|  |  |  | One of the best | 3356 |
|  |  |  | Far above the middle | 3111 |
|  |  |  | A little above the middle | 3532 |
|  |  |  | In the middle | 4700 |
|  |  |  | A little below the middle | 1006 |
|  |  |  | Far below the middle | 222 |
|  |  |  | Near the bottom | 222 |
|  |  |  | Missing | 147 |
| 6-6 | Q6 | How often do you wear a seat belt when riding in a car driven by someone else? |  |  |
|  |  |  | Never | 1207 |
|  |  |  | Rarely | 2447 |
|  |  | 3 | Sometimes | 3501 |
|  |  |  | Most of the time | 4740 |
|  |  |  | Always | 4380 |
|  |  |  | Missing | 21 |
| 7-7 | Q7 | During the past 12 months, how many times did you ride a motorcycle? |  |  |
|  |  | 1 | 0 times | 12355 |
|  |  |  | 1 to 10 times | 2592 |
|  |  |  | 11 to 20 times | 425 |
|  |  |  | 21 to 39 times | 193 |
|  |  |  | 40 or more times | 544 |
|  |  |  | Missing | 187 |
| 8-8 | Q8 | When you rode a motorcycle during the past 12 months, how often did you wear a helmet? |  |  |
|  |  |  | I did not ride a motorcycle during the past 12 months | 12272 |
|  |  | 2 | Never wore a helmet | 1435 |
|  |  | 3 | Rarely wore a helmet | 367 |
|  |  | 4 | Sometimes wore a helmet | 304 |
|  |  | 5 | Most of the time wore helmet | 388 |
|  |  | 6 | Always wore a helmet | 1260 |
|  |  |  | Missing | 270 |


| Data <br> Location | Item Number | La | 1 and Code | Frequency |
| :---: | :---: | :---: | :---: | :---: |
| 9-9 | Q9 | During the past 12 months, how many times did you ride a bicycle? |  |  |
|  |  |  | 0 times | 4781 |
|  |  |  | 1 to 10 times | 5919 |
|  |  |  | 11 to 20 times | 1824 |
|  |  |  | 21 to 39 times | 1008 |
|  |  |  | 40 or more times | 2363 |
|  |  |  | Missing | 401 |
| 10-10 | Q10 | When you rode a bicycle during the past 12 months, how often did you wear a helmet? |  |  |
|  |  | 1 I did not ride a bicycle during the past 12 months |  |  |
|  |  |  | Never wore a helmet | 10302 |
|  |  |  | Rarely wore a helmet | 280 |
|  |  |  | Sometimes wore a helmet | 239 |
|  |  |  | Most of the time wore a helmet | 134 |
|  |  |  | Always wore a helmet | 173 |
|  |  |  | Missing | 426 |
| 11-11 | Q11 | During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been drinking alcohol? |  |  |
|  |  |  |  |  |
|  |  |  | 0 times | 9825 |
|  |  |  | 1 time | 1868 |
|  |  |  | 2 or 3 times | 2419 |
|  |  |  | 4 or 5 times | 706 |
|  |  |  | 6 or more times | 1452 |
|  |  |  | Missing | 26 |
| 12-12 | Q12 | During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol? |  |  |
|  |  |  |  |  |
|  |  | 1 | 0 times | 13797 |
|  |  | 2 | 1 time | 924 |
|  |  |  | 2 or 3 times | 802 |
|  |  |  | 4 or 5 times | 200 |
|  |  | 5 | 6 or more times | 359 |
|  |  |  | Missing | 214 |



| Data <br> Location | Item Number | Label and Code | Frequency |
| :---: | :---: | :---: | :---: |
| 17-17 | Q17 | During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club on school property? |  |
|  |  | 10 times | 14915 |
|  |  | 21 time | 627 |
|  |  | 32 or 3 times | 393 |
|  |  | 44 or 5 times | 131 |
|  |  | 56 or 7 times | 49 |
|  |  | 68 or 9 times | 37 |
|  |  | 710 or 11 times | 16 |
|  |  | 812 or more times | 99 |
|  |  | Missing | 29 |
| 18-18 | Q18 | ```During the past }12\mathrm{ months, how many times has someone stolen or deliberately damaged your property such as your car, clothing, or books on school property?``` |  |
|  |  | 10 times | 10852 |
|  |  | 21 time | 2719 |
|  |  | 32 or 3 times | 1870 |
|  |  | 44 or 5 times | 409 |
|  |  | 56 or 7 times | 151 |
|  |  | 68 or 9 times | 75 |
|  |  | 710 or 11 times | 25 |
|  |  | $8 \quad 12$ or more times | 167 |
|  |  | Missing | 28 |
| 19-19 | Q19 | During the past 12 months, how many times were you in a physical fight? |  |
|  |  | 10 times | 9324 |
|  |  | 21 time | 2601 |
|  |  | 32 or 3 times | 2223 |
|  |  | 44 or 5 times | 679 |
|  |  | 56 or 7 times | 312 |
|  |  | 68 or 9 times | 156 |
|  |  | 710 or 11 times | 99 |
|  |  | $8 \quad 12$ or more times | $514$ |
|  |  | Missing | 388 |


| Data <br> Location | Item Number | Label and Code | Frequency |
| :---: | :---: | :---: | :---: |
| 20-20 | Q20 | The last time you were in a physical fight, with whom did you fight? |  |
|  |  | 1 I have never been in a physical |  |
|  |  | 2 A total stranger | 1434 |
|  |  | 3 A friend or someone I know | 4141 |
|  |  | 4 A boyfriend, girlfriend, or date | 454 |
|  |  | 5 A family member | 1859 |
|  |  | 6 Someone not listed above | 1052 |
|  |  | 7 More than one of the persons |  |
|  |  | listed above | 1062 |
|  |  | Missing | 130 |
| 21-21 | Q21 | During the past 12 months, how many times were you in a physical fight in which you were injured and had to be treated by a doctor or nurse? |  |
|  |  |  |  |
|  |  | 10 times | 15448 |
|  |  | 21 time | 553 |
|  |  | 32 or 3 times | 111 |
|  |  | 44 or 5 times | 24 |
|  |  | 56 or more times | 26 |
|  |  | Missing | 134 |
| 22-22 | Q22 | During the past 12 months, how many times were you in a physical fight on school property? |  |
|  |  | 10 times | 13351 |
|  |  | 21 time | 1687 |
|  |  | 32 or 3 times | 687 |
|  |  | 44 or 5 times | 113 |
|  |  | 56 or 7 times | 44 |
|  |  | 68 or 9 times | 34 |
|  |  | 710 or 11 times | 10 |
|  |  | $8 \quad 12$ or more times | 70 |
|  |  | Missing | 300 |
| 23-23 | Q23 | During the past 12 months, when you went swimming in places such as a pool, lake, or ocean, how often was an adult or a lifeguard watching you? |  |
|  |  | 1 I did not go swimming during the past 12 months | 3255 |
|  |  | 2 Never | 2460 |
|  |  | 3 Rarely | 2777 |
|  |  | 4 Sometimes | 2520 |
|  |  | 5 Most of the time | 2800 |
|  |  | 6 Always | 2464 |
|  |  | Missing | 20 |



| Data <br> Location | Item Number | Label and Code | Frequency |
| :---: | :---: | :---: | :---: |
| 29-29 | Q29 | How old were you when you smoked a whole cigarette for the first time? |  |
|  |  | 1 I have never smoked a whole cigarette | 7038 |
|  |  | 2 Less than 9 years old | 789 |
|  |  | 39 or 10 years old | 1115 |
|  |  | 411 or 12 years old | 2039 |
|  |  | 513 or 14 years old | 2804 |
|  |  | 615 or 16 years old | 1756 |
|  |  | 717 or more years old | 426 |
|  |  | Missing | 329 |
| 30-30 | Q30 | Have you ever smoked cigarettes regularly, that is, at least one cigarette every day for 30 days? |  |
|  |  | 1 Yes | 3265 |
|  |  | 2 No | 12487 |
|  |  | Missing | 544 |
| 31-31 | Q31 | How old were you when you first started smoking cigarettes regularly? (at least one cigarette every day for 30 days) |  |
|  |  | 1 I have never have smoked cigarettes regularly | 12477 |
|  |  | 2 Less than 9 years old | 100 |
|  |  | 39 or 10 years old | 187 |
|  |  | 411 or 12 years old | 538 |
|  |  | 513 or 14 years old | 1214 |
|  |  | 615 or 16 years old | 969 |
|  |  | 717 or more years old | 228 |
|  |  | Missing | 583 |
| 32-32 | Q32 | During the past 30 days, on how many days did you smoke cigarettes? |  |
|  |  | 10 days | 11258 |
|  |  | 21 or 2 days | 1146 |
|  |  | 33 to 5 days | 642 |
|  |  | 46 to 9 days | 407 |
|  |  | 510 to 19 days | 490 |
|  |  | 620 to 29 days | 493 |
|  |  | 7 All 30 days | 1262 |
|  |  | Missing | 598 |


| Data <br> Location | Item Number | Label and Code | Frequency |
| :---: | :---: | :---: | :---: |
| 33-33 | Q33 | During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day? |  |
|  |  | 1 I did not smoke cigarettes during the past 30 days | 11245 |
|  |  | 2 Less than 1 cigarette per day | 937 |
|  |  | 31 cigarette per day | 757 |
|  |  | 42 to 5 cigarettes per day | 1757 |
|  |  | 56 to 10 cigarettes per day | 601 |
|  |  | $6 \quad 11$ to 20 cigarettes per day | 386 |
|  |  | 7 More than 20 cigarettes per day | 131 |
|  |  | Missing | 482 |
| 34-34 | Q34 | During the past 30 days, on how many days did you smoke cigarettes on school property |  |
|  |  | 10 days | 14217 |
|  |  | 21 or 2 days | 597 |
|  |  | 33 to 5 days | 287 |
|  |  | 46 to 9 days | 153 |
|  |  | 510 to 19 days | 222 |
|  |  | 620 to 29 days | 222 |
|  |  | 7 All 30 days | 378 |
|  |  | Missing | 220 |
| 35-35 | Q35 | During the past 6 months, did you try to quit smoking cigarettes? |  |
|  |  | 1 Did not smoke | 11350 |
|  |  | 2 Yes | 2809 |
|  |  | 3 No | 2072 |
|  |  | Missing | 65 |
| 36-36 | Q36 | During the past 30 days, did you use chewing tobacco, such as Redman, Levi Garrett, or Beechnut, or snuff, such as Skoal, Skoal Bandits, or Copenhagen? |  |
|  |  | 1 No, I did not use chewing tobacco or snuff during the past 30 days |  |
|  |  | 2 Yes, chewing tobacco only | 384 |
|  |  | 3 Yes, snuff only | 407 |
|  |  | 4 Yes, both chewing tobacco and snuff | 446 |
|  |  | Missing | 96 |





| Data <br> Location | Item | Number |
| :--- | :--- | :--- | :--- |$\quad$ Frequency



51-51 Q51 During your life, how many times have you used any other type of illegal drug, such as LSD, PCP, ecstasy, mushrooms, speed, ice, heroin, or pills without a doctor's prescription?

| 1 | 0 times | 14036 |
| :--- | :--- | ---: |
| 2 | 1 or 2 times | 850 |
| 3 | 3 to 9 times | 571 |
| 4 | 10 to 19 times | 295 |
| 5 | 20 to 39 times | 187 |
| 6 | 40 or more times | 300 |
|  | Missing | 57 |

52-52 Q52 During your life, how many times have you taken steroid pills or shots without a doctor's prescription?

| 1 | 0 times | 15818 |
| :--- | :--- | ---: |
| 2 | 1 or 2 times | 187 |
| 3 | 3 to 9 times | 89 |
| 4 | 10 to 19 times | 51 |
| 5 | 20 to 39 times | 27 |
| 6 | 40 or more times | 65 |
|  | Missing | 59 |


|  |  |  |
| :--- | :--- | :--- |
| Data | Item |  |
| Location |  | Frequency |






| Data <br> Location | Item Number |  | 1 and Code | Frequency |
| :---: | :---: | :---: | :---: | :---: |
| 73-73 | Q 73 | Yesterday, did you eat cooked vegetables? |  |  |
|  |  |  | No | 9249 |
|  |  |  | Yes, once only | 5448 |
|  |  |  | Yes, twice or more | 1482 |
|  |  |  | Missing | 117 |
| 74-74 | Q 74 | Yesterday, did you eat hamburger, hot dogs, or sausage? |  |  |
|  |  |  | No | 8843 |
|  |  |  | Yes, once only | 5734 |
|  |  | 3 | Yes, twice or more | 1602 |
|  |  |  | Missing | 117 |
| 75-75 | Q75 | Yesterday, did you eat french fries or potato chips? |  |  |
|  |  |  | No | 6802 |
|  |  |  | Yes, once only | 7319 |
|  |  | 3 | Yes, twice or more | 2052 |
|  |  |  | Missing | 123 |
| 76-76 | 276 | Yesterday, did you eat cookies, doughnuts, pie, or cake? |  |  |
|  |  |  | No | 6649 |
|  |  |  | Yes, once only | 6500 |
|  |  | 3 | Yes, twice or more | 3012 |
|  |  |  | Missing | 135 |
| 77-77 | Q77 | On how many of the past 7 days did you exercise or participate in sports activities for at least 20 minuets that made you sweat and breathe hard, such as basketball, jogging, fast dancing, swimming laps, tennis, fast bicycling, or similar aerobic activities? |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | 1 | 0 days | 3117 |
|  |  |  | 1 day | 1463 |
|  |  | 3 | 2 days | 1735 |
|  |  | 4 | 3 days | 1892 |
|  |  | 5 | 4 days | 1453 |
|  |  | 6 | 5 days | 2239 |
|  |  | 7 | 6 days | 1090 |
|  |  | 8 | 7 days | 3181 |
|  |  |  | Missing | 126 |



| Data <br> Location | Item Number | Label and Code |  | Frequency |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 6 | 5 days | 5785 |
|  |  |  | Missing | 143 |
| 82-82 | Q82 | During an average physical education (PE) class, how many minutes do you spend actually exercising or playing sports? |  |  |
|  |  | 1 | I do not take PE | 7770 |
|  |  | 2 | Less than 10 minutes | 690 |
|  |  | 3 | 10 to 20 minutes | 1263 |
|  |  | 4 | 21 to 30 minutes | 2167 |
|  |  | 5 | More than 30 minutes | 4259 |
|  |  |  | Missing | 147 |
| 83-83 | Q83 | During the past 12 months, on how many sports teams run by your school, did you play? |  |  |
|  |  |  | 0 teams | 9092 |
|  |  |  | 1 team | 3661 |
|  |  | 3 | 2 teams | 2010 |
|  |  | 4 | 3 or more teams | 1347 |
|  |  |  | Missing | 186 |
| 84-84 | Q84 | During the past 12 months, on how many sports teams run by organizations outside of your school, did you play? |  |  |
|  |  | 1 | None | 10874 |
|  |  | 2 | 1 team | 3287 |
|  |  | 3 | 2 teams | 1177 |
|  |  |  | 3 or more teams | 799 |
|  |  |  | Missing | 159 |
| 85-85 | Q85 | During this school year, in how many class periods were you taught about AIDS/HIV infection? |  |  |
|  |  | 1 | 0 periods | 4833 |
|  |  |  | 1 to 2 periods | 7076 |
|  |  | 3 | 3 to 5 periods | 1703 |
|  |  | 4 | 6 to 10 periods | 463 |
|  |  |  | 11 or more periods | 282 |
|  |  | 6 | Not sure | 1424 |
|  |  |  | Missing | 515 |
| 86-86 | Q86 | How far in school did your mother go? |  |  |
|  |  | 1 | Did not finish school | 3218 |
|  |  | 2 | Graduated from high school | 3784 |
|  |  | 3 | Some after high school | 3298 |
|  |  | 4 | Graduated from college | 4123 |


*The Weight field contains a decimal point in position 89.

