NATIONAL CENTER FOR EDUCATION STATISTICS

| User's Manual | September 1994 |
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| NATIONAL EDUCATION LONGITUDINAL STUDY OF 1988 |  |
|  |  |
| SECOND FOLLOW-UP: STUDENT COMPONENT |  |
| DATA FILE USER'S MANUAL |  |

User's Manual $\quad$ September 1994

NATIONAL EDUCATION LONGITUDINAL STUDY OF 1988

SECOND FOLLOW-UP: STUDENT COMPONENT DATA FILE USER'S MANUAL

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National Center for Education Statistics
"The purpose of the Center shall be to collect, and analyze, and disseminate statistics and other data related to education in the United Sates and in other nations."--Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

September 1994

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F2: Student Component Data File User's Manual

## Foreword

This manual has been produced to familiarize data users with the procedures followed for data collection and processing of the second follow-up student component of the National Education Longitudinal Study of 1988 (NELS:88). A corollary objective is to provide the necessary documentation for use of the data file.

Use of the data set does not require the analyst to be a sophisticated statistician or computer programmer. Most social scientists and policy analysts should find the data set organized and equipped in a manner that facilitates straightforward production of statistical summaries and analyses. This manual provides extensive documentation of the content of the data file and how to use it. Chapter VII and Appendix I, in particular, contain essential information that allows the user to immediately proceed with minimal startup cost. A careful reading of Chapter VII and Appendix I will help users to avoid common mistakes that result in costly computer job failures or incorrect results.

The rest of the manual provides a wide range of information on the design and conduct of the National Education Longitudinal Study of 1988 (NELS:88). Chapter I begins with an overview and history of NCES's National Education Longitudinal Studies program and the various studies that it comprises. Chapter II contains a general description of the data collection instruments used in the NELS:88 second follow-up.

The sample design and weighting procedures used in the second follow-up study are documented in Chapter III, as well as standard errors and design effects, non-sampling measurement errors, and problematic variables.

Data collection procedures, schedules, and results are presented in Chapter IV. Chapter V describes data control and preparation activities such as monitoring receipt of questionnaires, editing, and data retrieval. Chapter VI describes data processing activities including machine editing and construction of the cleaned data tape. Finally, Chapter VII describes the organization and contents of the data file and provides important suggestions for using it.

The appendices contain a list of other NCES NELS:88 publications; guidelines for Statistical Analysis System (SAS) users; the second follow-up student questionnaire; the record layout for the student questionnaire; specifications for the composite variables; the content areas of the second follow-up components; a glossary of project terms; a discussion of conducting cross-cohort trend analyses of students; and a codebook for the student questionnaire data.

In addition to the study described in this manual, a number of supplemental NELS:88 components are also described in Appendix A.

F2: Student Component
Data File User's Manual
Earlier NCES longitudinal studies that may be of interest to NELS:88 users are described in Appendix B including the following: the High School and Beyond (HS\&B) base year files; merged HS\&B first, second, third, and fourth follow-up files; related HS\&B files; and assorted files related to the National Longitudinal Study of the High School Class of 1972 (NLS-72).

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Data File User's Manual

## A Note on Data Use and Confidentiality

The NELS:88 second follow-up data files are released in accordance with the provisions of the General Education Provisions Act (GEPA) [20-USC 122e 1] and the Carl D. Perkins Vocational Education Act. The GEPA assures privacy by ensuring that respondents will never be individually identified.

The National Center for Education Statistics (NCES) is responsible under the Privacy Act and Public Law 100-297 for protecting the confidentiality of individually identifiable respondents, and is releasing this data set to be used for statistical purposes only. Record matching or deductive disclosure by any user is prohibited.

To ensure that the confidentiality provisions contained in PL 100-297 and the Privacy Act have been fully implemented, procedures commonly applied for disclosure avoidance in other Government-sponsored surveys were used in preparing the data file associated with this manual. These include suppressing, abridging, and recoding identifiable variables. Every effort has been made to provide the maximum research information that is consistent with reasonable confidentiality protection. Deleted, abridged, and/or recoded variables appear with an explanatory footnote in the codebook attached to each user's manual.

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## Acknowledgements

A study such as this is built first and foremost upon the students, dropouts, teachers, school administrators, and parents who have so generously provided its basic data. We are grateful for their cooperation. We also thank the considerable numbers of school personnel who have assisted in the implementation of NELS: 88 .

We wish to acknowledge the role of a number of other individuals in the realization of the aims of this study. Donald Rock and Judith Pollack of Educational Testing Service served as task leaders for cognitive test development. Miriam Clarke provided counsel on management issues in the main study. Leslie Scott contributed significantly to the conceptualization and development of file specifications and composite variables for the components of the study.

We are also grateful to the members of NCES staff in the Longitudinal and Household Studies Branch who worked closely with us on this project. Jeffrey Owings, chief of the Longitudinal and Household Studies Branch; Peggy Quinn, project officer for the second follow-up; as well as other branch staff--Ralph Lee, ShiChang Wu, and Jerry West--who contributed to various aspects of this study. Bob Burton of the Statistical Standards and Methodology Division supplied statistical advice and review.

Three individuals in other agencies have worked particularly hard and effectively to help realize and extend the potential of NELS:88. Larry Suter of the National Science Foundation, Dick Berry (formerly of the National Science Foundation), and Carmen Simich-Dudgeon (formerly of the Office of Bilingual Education and Minority Languages Affairs (OBEMLA) of the U.S. Department of Education). We are grateful for their efforts.

In addition, we would like to express our appreciation to the members of what began in the base year as our National Advisory Panel, and became in 1989 the NELS:88 Technical Review Panel. The panelists--Jerald G. Bachman, Gordon Ensign, Lyle V. Jones, Nancy Karweit, Richard J. Murnane, Patricia Shell, Marshall S. Smith, and John Stiglmeier--provided wise counsel on many difficult issues of design, instrumentation and implementation. As consultants to the second follow-up, Aaron Pallas, Joan Talbert, Leigh Burstein, Anthony Bryk, and Senta Raizen also contributed importantly to the design and ultimate success of the study.

Steven J. Ingels was overall NELS:88 second follow-up project director. Lisa Thalji was associate project director responsible for securing school cooperation and locating NELS:88 cohort members. Katy Dowd was associate project director responsible for the student component during data collection. Laura Reed and Virginia Bartot were the data processing managers, and Martin R. Frankel was the task leader for sampling and statistics.

The authors also wish to acknowledge those who contributed to the production of this manual. Kenneth A. Rasinski performed the confidentiality disclosure analysis for the NELS:88 Second FollowUp. Additionally, Doug Barge, Michael Ma, Gloria Rauens, Supriti Sehra, Shiow-Ling Tsai-Ma, and Hsiuling Young provided a great deal of their time and expertise to produce the statistics reported throughout the manual. Our appreciation is also extended to Karen Sutherlin and Cynthia Mathews for their patience and thoroughness in the production of the manuscript. Finally, we would like to thank the National Opinion Research Center field and telephone center interviewers and supervisors who with such energy and determination collected the NELS:88 data.

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## Appendices

Appendix A: NELS: 88 Sources of Contextual Data: Parent, Teacher, School Administrator, Transcript, and Course Offerings Components
$\left.\begin{array}{ll}\text { Appendix B: } & \text { NELS:88-Related Data Files Available from the National } \\ & \text { Center for Education Statistics }\end{array}, \begin{array}{l}\text { Appendix C: }\end{array} \begin{array}{l}\text { National Center for Education Statistics, Longitudinal } \\ \text { and Household Studies Branch, NELS:88 Publications }\end{array}\right\}$

## Appendix E

## NELS:88 Second Follow-Up Item Overlap with NELS:88 Base Year and First Follow-Up; and with HS\&B and NLS-72

Note: For a discussion of the comparability of NELS:88, HS\&B and NLS-72 data, see Appendix D: Conducting Trend Analyses of NLS-72, HS\&B, and NELS: 88 Seniors: Analytical Implications of Design Differences Between the Studies.

## Intercohort Student Questionnaire Crosswalks

A = NELS:88 Second Follow-up
B = HS\&B 1982 Seniors
C = HS\&B 1980 Seniors
D $=$ NLS-72 Seniors

OUESTION NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 5a | -- |  | -- |
| 5 b | -- | 9LF | -- |
| 6a | -- | -- | -- |
| 6b | -- | -- | -- |
| 7 a | 67i | 53h | -- |
| 7 b | -- | -- | -- |
| 7 c | 67c | 53 c | 18f |
| 7 d | 67 e | 53 e | 18j |
| 7 e | 66 g | 59f | -- |
| 7 f |  | -- | -- |
| 7 g | -- |  |  |
| 7h | -- | -- | -- |
| 7 i | -- | -- | -- |
| 7 j | -- | -- | -- |
| 7k | -- | -- | -- |
| 71 | 67h | 53g | -- |
| 8 a | -- | - | -- |
| 8 b | -- | -- |  |
| 8 c |  | -- |  |
| 8d | -- | -- | -- |
| 8 e | -- |  | - |
| 8 f | -- | -- |  |
| 8 g | -- | -- |  |
| 9 a | -- | -- |  |
| 9 b | 66 f | 59e | -- |
| 9 c |  | -- | -- |
| 9d | 66b |  | -- |
| 9 e | 66d | -- | -- |
| 9 f | 66 e | 59d | -- |
| 9 g |  | -- | -- |
| 9 h | -- | 61a | - |
| 9 i | -- | -- |  |
| 10 | -- | -- |  |
| 11a | -- | -- | -- |
| 11b | 16 | 16 | -- |
| 12A | 2 | 2 | 2 |
| 12Ba | 3a | -- | 3 k |
| 12B | 3b | -- | 3d |

## QUESTION WORDING

Date questionnaire completed
Social security number
Current grade level
Certification from current school program
In school there is real school spirit
In school there are interracial friends
In school the teaching is good
In school teachers are interested in students
In schooi I don't feel safe
In school disruptions impede learning
In school interracial fights occur
In school there are many gangs
In school students are graded fairly
In school there is a lot of cheating
In school some teachers ignore cheating
In school discipline is fair
Times at school I had something stolen from me
Times at school someone offered me drugs
Times going to school someone offered drugs
Times at school someone threatened to hurt me
Times going to school someone threatened harm
Times at school I got into a physical fight
Times going to school I physically fought
Times I was late for school
Times I cut or skipped classes
Times I missed a day of school
Times I got in trouble for breaking rules
Times I was put on an in-school suspension
Times I was suspended or put on probation
Times I was transferred for disciplinary reason
Times I was arrested
Times I spent time in a juvenile center
Reason for last absence from school
Last unexcused absence from high school
\# of days missed during last unexcused absence
High School program description
Was assigned to this program
Chose program after talking to teacher

## QUESTION NUMBER

## QUESTIONWORDING

| A | B | C | D |  |
| :---: | :---: | :---: | :---: | :---: |
| 12BC | 3c | -- | 3a | Chose program after talking to my parents |
| 12 Bd | 3d | -- | 3h | Chose program after talking to my friends |
| 12 Be | 3 e |  | 3 i | Chose program myself |
| 12Bf | 3f |  | 3j | Only program offered at school |
| 13a | 9a | 11a |  | Ever been in remedial English |
| 13b | 9 b | 1 lb | -- | Ever been in remedial mathematics |
| 13c | 9 e | 11 e | -- | Ever been in bilingual/bicultural programs |
| 13d | -- | -- | -- | Ever been in English as a Second Lang. program |
| 13e | -- | 11cd | -- | Ever been in advanced placement program |
| 13 f | 9h | 11h | -- | Ever been in educationally handicapped program |
| 13 g | 9 i | 11i | -- | Ever been in physically handicapped program |
| 13h | -- | -- | -- | Ever been in dropout prevention program |
| 13 i | -- | -- | -- | Ever been enrolled in vocational course |
| 13j | -- | -- | -- | Ever been in a gifted/talented program |
| 13k | -- | -- | -- | Ever been in a magnet program |
| 14a | 11cd | 14 cd | 6de3 | Participation in Talent Search or Upward Bound |
| 14 b | -- | 14 cd | 6de3 | Years participated in TS, UB or similar |
| 15a | 4h | 4 g | -- | Enrollment in a science class past 2 years |
| 15 Ba | - | -- | -- | Current science class: review work from previous day |
| 15 Bb | -- |  | -- | Current science class: listen to teacher lecrure |
| 15Bc | - |  | -- | Current science class: copy teacher's notes |
| 15Bd | -- | -- | -- | Current science class: use calculators |
| 15 Be | -- | -- | -- | Current science class: watch teacher do experiment |
| 15Bf | -- | -- | -- | Current science class: do experiment alone or in group |
| 15Bg | -- | -- | -- | Current science class: use book to do an experiment |
| 15Bh | -- | -- | $\cdots$ | Current science class: write up reports on experiments |
| 15 Bi | -- | -- | -- | Current science class: use computers to analyze data |
| 15Bj | -- | -- | -- | Current science class: make own choice of topic for study |
| 15Bk | -- | -- | -- | Current science class: design and conduct projects alone |
| 15BI | -- | -- | -- | Current science class: discuss career opportunities in science |
| 16 | -- | -- | -- | Science class emphasis on what objectives |
| 17 | -- | -- | -- | Current science class participation |
| 18a | -- | -- | -- | Current science class enrollment |
| 18b | -- | -- | -- | Importance of guidance in taking science |
| 18c | -- | -- | -- | Reasons for taking a science class |
| 18d | -- | -- | -- | Reasons for not taking a science class |
| 19a | 4a | 4a | -- | Enrollment in a math class past 2 years |
| 19 Ba | -- | -- | -- | Current math class: review work from previous day |
| 19 Bb | -- | -- | -- | Current math class: listen to teacher lecture |
| 19 Bc | -- | -- | $\cdots$ | Current math class: copy teacher's notes |
| 19Bd | -- | -- | -- | Current math class: use books other than text |
| 19 Be | -- | -- | -- | Current math class: do problem-solving activities |
| 19Bf | -- | -- | -- | Current math class: use calculators |
| 19Bg | -- | -- | -- | Curient math class: use computers |
| 19Bh | -- | -- | -- | Current math class: explain work orally |

## QUESTION NUMBER

| A | B | C | D |  |
| :---: | :---: | :---: | :---: | :---: |
| 19Bi | -- | -- | -- | Current math class: participate in student discussions |
| 19Bj | -- | -- | -- | Current math class: use hands-on materials |
| 19Bk | -- | -- |  | Current math class: discuss career opportunities |
| 19Bl | -- | -- |  | Current math class: write about math |
| 20a | -- |  | - | Math class: emphasis on increasing math interest |
| 20b | -- | -- | -- | Math class: emphasis on memorization of rules |
| 20c | -- | -- |  | Math class: emphasis on preparation for more math |
| 20d | -- | -- |  | Math class: emphasis on meaning/solving problems |
| 20 e | -- | -- |  | Math class: emphasis on math in daily life |
| 21 | -- | -- | -- | Current math class participation |
| 22a | -- | -- | -- | Math class this term |
| 22b | -- | -- | -- | Importance of guidance in taking a math class |
| 22c | -- | 8A | -- | Reasons for taking a math class |
| 22d | -- | -- | -- | Reasons for not taking a math class |
| 23a | 41 | 4k | -- | Enrollment in a vocational class past 2 years |
| 23 Ba | - - |  |  | Vocational class: emphasis on increased interest |
| 23 Bb | -- |  | -- | Vocational class: emphasis on teaching immediate skills |
| 23Bcb | - | -- | -- | Vocational class: emphasis on facts, rules and steps |
| 23Bd | -- | -- |  | Vocational class: emphasis on math and science in work |
| 23Bed | - | -- |  | Vocational class: emphasis on a problem and its meaning |
| 23Bf | -- | -- | -- | Vocational class: emphasis on use of physical equipment |
| 23Bg | -- | -- |  | Vocational class: emphasis on further studies |
| 24a | 18a | -- |  | How often come to class without pencil or paper |
| 24 b | 18 b | -- | -- | How often come to class without books |
| 24c | 18c | -- |  | How often come to class without homework done |
| 25a1 | -- | -- |  | Time spent on math homework in school |
| 25a2 | -- | -- |  | Time spent on math homework out of school |
| 25b1 | -- | -- | -- | Time spent on science homework in school |
| 25b2 | -- |  |  | Time spent on science homework out of school |
| 25c1 | -- | -- |  | Time spent on english homework in school |
| 25c2 | -- | -- | -- | Time spent on english homework out of school |
| 25d1 | -- | -- | -- | Time spent on history/social studies homework in school |
| 25d2 | -- | -- | -- | Time spent on history/social studies homework out of school |
| 25 el | -- | -- |  | Time spent on other homework in school |
| 25 e 2 | -- | -- | -- | Time spent on other homework out of school |
| 25f1 | 15 | 15 | 7 | Total time spent on homework in school |
| 25f2 | 15 | 15 | 7 | Total time spent on homework out of school |
| 26 | -- | -- | -- | People who assist with homework |
| 27 | 70 | 55 | -- | Minimum competency test for graduation taken |
| 28 | 71 | 56 |  | Results of competency test |
| 29a | -- | -- | -- | Recognition: elected officer of a school class |
| 29b | - | -- | -- | Recognition: won academic honor |
| 29c | -- | -- | -- | Recognition:rec'd award in science or math fair |
| 29d | -- | -- | -- | Recognition: good attendance |
| 29 e | -- | -- | -- | Recognition: good grades or honor roll |

## OUESTION_NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 29 f | -- | -- | -- |
| 29g | -- | -- |  |
| 29h | -- | -- | -- |
| 29i | -- | -- | - |
| 30Aa | 38a | 32a | 10a |
| 30 Ab | -- | -- | -- |
| 30Ac | 38c | 32c | 10b |
| 30 Ba | 38e,f | 32e,f | 10c |
| 30 Bb | 38d | 32d | 10c |
| 30 Bc | 38k | 32k | 10h |
| 30Bd | 38h | 32h | 10e |
| 30 Be | 38i | 32i | 10 f |
| 30 Bf | 38p | -- | -- |
| 30Bg | 38j | 32j | $\log$ |
| 30Bh | 38 g | 32 g | 10d |
| 30 Bi | 381 | 321 | 10 i |
| 30Bj | 38b | 32 b | 10a |
| 30Bk | -- | 32b | 10a |
| 31 | -- |  | -- |
| 32 | 60b | 47b | -- |
| 33a | -- | -- | - |
| 33b | -- | -- |  |
| 33 c | -- | -- | -- |
| 33d |  | -- | -- |
| 33 e |  |  |  |
| 33 f | 60d | 47d |  |
| 33 g |  | 47a,e | -- |
| 33h | 60f | 47g | -- |
| 33i | -- | -- | -- |
| 33j |  | -- | -- |
| 33k | -- | -- | -- |
| 331 | -- | -- | -- |
| 34 | -- | -- |  |
| 35 | 61 | 48 |  |
| 36 | 85 | 70 | -- |
| 37 | -- | -- | -- |
| 38 |  |  | -- |
| 39 |  | -- | -- |
| 40a | 73a | 57a | 20a |
| 40 b | 73b | 57b | 20b |
| 40 c | 73c | 57 c | 20c |
| 40 d | 73d | 57 d | 20d |
| 40 e | 73 e | 57e | 20 e |
| 40f | 73 f | 57f | 20 f |
| 40 g | 73g | 57 g | 20 g |

## QUESTION WORDING

Recognition: wrote essay or poem
Recognition:M.V.P. of sports team
Recognition: community service award
Recognition: vocational/technical competition participant
Played on team interscholastic sport
Played an individual sport
Participated in cheerleading/pompom
Participated in school musical group
Participated in school drama club or play
Participated in student government
Participated in school honor society
Participated in school yearbook/newspaper
Participated in school service clubs
Participated in school academic clubs
Participated in school hobby clubs
Participated in FTA, FHA, FFA clubs
Participated in intramural team sports
Participated in intramural individual sports
Time spent on school-sponsored activities
Time spent on personal reading outside school
Time spent using personal computers
Time spent working on hobbies
Time spent participating in religious activity
Time spent in youth groups
Time spent doing community service
Time spent driving or riding around
Time spent doing things with friends
Time spent doing things with parents
Time spent doing things with other adults
Time spent taking classes outside school
Time spent taking sports lessons
Time spent playing sports outside school
Time spent per day playing video/computer games
Time spent per day watching TV/videotapes
National youth service program preference
Community volunteer work in past two years
Types of unpaid volunteer work
Organizations involved with for volunteer work
Importance of being successful in line of work
Importance of finding the right person to marry
Importance of having lots of money
Importance of having strong friendships
Importance of finding steady work
Importance of helping other community members
Importance of my children having better futures

## QUESTION NUMBER

| A | B | C | D |  |
| :---: | :---: | :---: | :---: | :---: |
| 40h | 73h | 57h | 20h | Importance of living close to parents |
| 40i | 73 i | 57i | 20 i | Importance of leaving the community |
| 40j | 73j | 57j | 20j | Importance of correcting social inequalities |
| 40k | 73k | 57k | -- | Importance of having children |
| 401 | 731 | 571 | -- | Importance of having leisure time |
| 40 m | -- |  | - | Importance of getting away from parents |
| 40 n | - | -- | -- | Importance of being an expert in my field |
| 400 | -- | - | - | Importance of getting a good education |
| 41a | 63a | 50a | -- | What father thinks I should do post high school |
| 41b | 63b | 50 b | -- | What mother thinks I should do post high school |
| 41c | 63 e | 50 e | -- | What friends think I should do post high school |
| 41d | 63 e | 50 e | -- | What relative thinks I should do post HS |
| 4le | 63 c | 50c | -- | What counselor thinks I should do post HS |
| 41f | 63d | 50d |  | What teacher thinks I should do post HS |
| 41 g | -- | -- |  | What coach thinks I should do post high school |
| 42a | 81 | -- | 91a | How far in school does dad want me to go |
| 42b | 81 | 66 | 91 b | How far in school does mom want me to go |
| 43 | 80 | 65 | 29 | How far in school I think I will get |
| 44a | -- | -- |  | Have you taken/plan to take Pre-SAT test |
| 44 b | 8a | 9a |  | Have you taken/plan to take the SAT |
| 44c | 8b | 9 b | -- | Have you taken/plan to take the ACT |
| 44d | -- | -- | -- | Have you taken/plan to take an AP test |
| 44 e | 8c | 9c | -- | Have you taken/plan to take the ASVAB |
| 44f | -- | -- | -- | Have you taken/plan to take other tests |
| 45 | - | -- | -- | SAT/ACT preparation plans |
| 46 | - |  | - | How will you spend the summer |
| 47 | -- | -- | -- | Do you have skills for desired job in 5 years |
| 48a | 87c | 33 | 30 | Plans to join the Armed Forces |
| 48b | -- | 34 | 44 | Armed Forces branch |
| 48c | -- | -- | 46 | Reason for joining the Armed Forces |
| 49 | 87h | -- | -- | Plan on going to school right after high school |
| 50 | -- |  | 37,42,49 | Reasons not to continue education immediately |
| 51 | 87a | 72a | 32 | Plan to work full-time after HS graduation |
| 52 | 88 | 73 | 33 | Do you have a full-time job arranged |
| 53 | -- | -- | -- | People at school who helped select job |
| 54 | 30 | -- |  | Schooi job finding services used |
| 55 | 91 | -- | -- | Hourly wage expected at FT job, post HS grad |
| 56 | 122 | 115 | -- | Plans to continue education after high school |
| 57 | -- | -- | -- | Help received at school w/college applications |
| 58 | -- | -- | -- | What have you done to learn about financial aid |
| 59a | 123a | 116a | 68a | Importance of low expenses on school choice |
| 59b | 123b | 116b | 68b | Importance of financial aid on school choice |
| 59 c | 123c | 116c | 68c | Importance of curriculum on school choice |
| 59d | 123 e | 116e | 68e | Importance of athletics on school choice |
| 59 e | 123 f | 116 f | -- | Importance of social life on school choice |

## QUESTION NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 59f | 123g | 116 g | 68k |
| 59g | 123h | -- | -- |
| 59h | 123 i | -- | -- |
| 59 i | 123j | -- |  |
| 59j | 123k | -- | -- |
| 59k | -- | -- |  |
| 591 | 123d | 116d | 68d |
| 59m | -- | -- | 68g |
| 59 n |  | -- | -- |
| 590 | -- |  |  |
| 59p |  | -- |  |
| 59q |  | -- | -- |
| 59r | -- | -- | 68h |
| 60a | 124 | 117 | 66 |
| 60B1 | 126 | 119 | -- |
| 60B1 | 125 | 118 | 67 |
| 60B1 |  | -- | -- |
| 60B1 |  | -- |  |
| 60B2 |  | -- | -- |
| 60B2 |  |  | -- |
| 60B2 | -- |  | -- |
| 60B2 |  | -- | -- |
| 61 | 115 | 107 | 70 |
| 62 | 127 | 120 | 69 |
| 63 | 120 | 113 |  |
| 64a |  | -- | -- |
| 64b | 77a | 62 | 25 |
| 65 |  |  | -- |
| 66a | 75a | 58a | 21a |
| 66b |  |  |  |
| 66c | 75b | 58b | 21b |
| 66d | 75 c | 58 c | 21 c |
| 66 e | 75d | 58d | 21d |
| 66f | 75 e | 58e | 21e |
| 66 g | 75 f | 58 f | 21 f |
| 66h | 75h | 58h | 21h |
| 66i |  |  | -- |
| 66j | 75j | 58j | -- |
| 66k | 75k | 58k | -- |
| 661 | 751 | 581 | -- |
| 66m | -- | -- | - |
| 67a | -- |  | -- |
| 67b | -- | -- | -- |
| 67c | -- | -- | -- |
| 67d | -- | -- | -- |

## OUESTION WORDING

Importance of living at home on school choice Importance of not living at home on choice Importance of religion on school choice Importance of low-crime on school choice Importance of job placement on school choice Importance of graduate school placement on choice Importance of academic reputation on choice Importance of easy admission on school choice Importance of degree for job on choice Importance of school's race/ethnicity on choice
Importance of the school size on school choice
Importance of location on school choice
Importance of attending parent school on choice
To how many school have you applied
Name and location of first school applied to
Accepted at school 1
Applied for financial aid at school 1
Awarded financial aid at school 1
Name and location of second school applied to
Accepted at school 2
Applied for financial aid at school 2
Awarded financial aid at school 2
Type of school most likely to attend
Field you would most like to study in school
Field in which you are most likely to train
Expected job/occupation after high school
Expected job/occupation at age 30
Expected education needed for job at 30
I feel good about myself
I don't have enough control of my life Good luck is more important than hard work I feel I am a person of worth
Am able to do things as well as most others
When I try to get ahead, I am stopped
My plans hardly ever work out
On the whole, Iam satisfied with myself
I feel useless at times
At times, I think I am no good at all
I am certain I can make my plans work
I feel I do not have much to be proud of
Chance and luck are very important in my life
Chances you will graduate from high school
Chances you will go to college
Chances you will have a job that pays well
Chances you will own your own home

## QUESTION NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 67 e | -- | -- | -- |
| 67f | -- | -- | -- |
| 67 g | -- | -- | - |
| 67h | -- | -- | -- |
| 67 i | -- | -- | -- |
| 67j | -- | -- | -- |
| 67k | -- |  | -- |
| 671 | -- | -- | -- |
| 68a | 64c | -- | -- |
| 68b | -- |  | -- |
| 68c | -- | -- | -- |
| 68d | 64a | -- |  |
| 68 e | 64 e | -- |  |
| 68f | -- | -- | - |
| 68 g | -- | -- |  |
| 68h | 64d | -- | -- |
| 68 i | -- | -- |  |
| 68 j | -- | -- |  |
| 68k | -- | -- | -- |
| 681 | -- | -- |  |
| 68 m | -- | -- |  |
| 68n | -- | -- |  |
| 680 | -- |  |  |
| 68p | -- | -- |  |
| 68 q | -- | -- | -- |
| 69a | -- | -- |  |
| 69 b | -- |  | -- |
| 69 c | -- | -- | -- |
| 69d | -- | -- | -- |
| 69 e | -- | -- | -- |
| 70 |  |  | -- |
| 71 | -- |  | -- |
| 72a | 97a | 81a |  |
| 72 b | 97 b | 81b | -- |
| 72c | 97c | 81 c | -- |
| 72d | 97d | 81d |  |
| 72e | 97 e | 81e | -- |
| 73 | -- | -- | -- |
| 74 | -- |  | -- |
| 75 | -- | -- | -- |
| 76 | -- | -- | -- |
| 77 | -- | -- | -- |
| 78 | -- | -- | -- |
| 79 | -- |  | -- |
| 80 | -- | -- | -- |

## OUESTION WORDING

Chances you will have a job you enjoy
Chances you will have a happy life
Chances you will stay in good health
Chances you will be able to live where you want
Chances you will be respected in your community
Chances you will have friends you can count on
Chances your life will be better than parents
Chances your children's life better than yours
Important to friends to attend class regularly
Important to friends to study
Important to friends to play sports
Important to friends to get good grades
Important to friends to be popular
Important to friends to finish High School
Important to friends to go steady
Important to friends to continue education
Important to friends to participate in religion
Important to friends to do community work
Important to friends to have a regular job
Important to get together with friends
Important to friends to go to parties
Important to friends to have sexual relations
Important to friends to use drugs
Important to friends to drink alcohol
Important to friends to make money
\# of friends that dropped out of HS
\# of friends that have no plans for college
\# of friends that plan to work full-time
\# of friends to attend community/tech school
\# of friends that plan to attend college
\# of friends that belong to gangs
Do you belong to a gang
Age you expect to marry
Age you expect to have first child
Age you expect to start first FT job
Age you expect to live in own home or apt.
Age you expect to finish your education
Current marital status
Importance of marriage before sexual relations
Consider having a child if not married
Have any children of your own
First child's birthdate
Frequency of care given to child by individuals
Type of relationship w/mom or dad of 1st child
Number of cigarettes smoked daily

## QUESTION NUMBER

| A | B | C | D |  |
| :---: | :---: | :---: | :---: | :---: |
| 81a | -- | -- |  | Occasions drank alcoholic beverages in lifetime |
| 81b | -- | - | -- | Occasions drank alcohol last 12 months |
| 81c | -- | -- | - | Occasions drank alcohol last 30 days |
| 82 | -- | - | -- | Times had 5 drinks or more in a row last 2 wks |
| 83a | -- | -- | -- | Occasions used marijuana or hashish in lifetime |
| 83b | -- |  | -- | Occasions used marijuana or hashish last year |
| 83c | -- |  | -- | Occasions used marijuana or hashish last month |
| 84a |  | -- | -- | Occasions used cocaine in any form in lifetime |
| 84b |  | -- | -- | Occasions used cocaine in any form last year |
| 84 c |  |  | -- | Occasions used cocaine in any form last month |
| 85 | -- | -- | -- | Occasions on drugs at school |
| 86a | 24 | -- | -- | Have you ever worked for pay |
| 86b | -- | 21 | -- | Date of the last time you worked for pay |
| 87 | -- | -- | -- | Date started current or most recent job |
| 88 | 25 | 22 | 8 | Hours worked per week at most recent job |
| 89 | -- |  | -- | Hours worked on the weekends |
| 90 | 29 | 24 | -- | Type of work at current or most recent job |
| 91 | 26 | 23 | -- | Pay rate per hour at current or most recent job |
| 92a | 27 b | -- | -- | Money spent on clothes and other things |
| 92b | -- | -- | -- | Money spent to go out |
| 92 c | 27c | -- | -- | Money spent to buy gas and other car items |
| 92d |  | -- | -- | Money spent to pay for rent |
| 92e | -- | -- | -- | Money spent to purchase food |
| 92 f | 27d | -- | -- | Money spent for future education |
| 92 g | -- | -- | -- | Money spent to buy alcohol |
| 92h | -- | -- | -- | Money spent to buy illegal drugs |
| 93 | -- | -- | -- | Do you babysit for own child or others |
| 94 | -- | -- | -- | Hours per school day you babysit |
| 95 | -- |  | -- | School days missed to babysit |
| 96a | -- | -- | -- | Past two years, family moved to a new home |
| 96b | -- | -- | -- | Past two years, parents got divorced |
| 96c | -- | -- | -- | Past two years, parent(s) got re/married |
| 96d | -- | -- | -- | Past two years, parent(s) lost job |
| 96e | -- | -- | -- | Past two years, parent(s) started work |
| 96 f | -- | -- | -- | Past two years, parent(s) got a better job |
| 96 g | -- | -- | -- | Past two years, student became seriously ill |
| 96h | -- | -- | -- | Past two years, my parent(s) died |
| 96i | -- | -- | -- | Past two years, close relative died |
| 96j | -- | -- | -- | Past two years, unmarried sister got pregnant |
| 96k | -- | -- | -- | Past two years, brother or sister dropped out |
| 961 | -- | -- | -- | Past two years, family on welfare |
| 96 m | -- | -- |  | Past two years, family off welfare |
| 96 n | -- | -- | -- | Past two years, family member seriously ill |
| 960 | -- | -- | -- | Past two years, family member did drugs |
| 96p | -- | -- | -- | Past two years, family member did drug rehab |

## OUESTION NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 96q | -- | -- | -- |
| 97 | -- | - | - |
| 98a | -- | -- | -- |
| 98b | -- | -- |  |
| 98c | -- | -- | -- |
| 98d | -- | -- |  |
| 98e |  | - |  |
| 98f | -- | - | -- |
| 98 g | -- | -- | -- |
| 98h | -- | -- | -- |
| 98i |  | -- | -- |
| 99a | -- | -- |  |
| 99b | -- | -- | -- |
| 99c | -- | -- | -- |
| 99d | -- | -- | -- |
| 99e | -- | -- | -- |
| 99 f | -- | -- | -- |
| 99g | -- | -- | -- |
| 99 h | -- | -- | -- |
| 99i | -- | -- | -- |
| 100a |  | -- | -- |
| 100b | -- | -- | -- |
| 100c |  | -- | - |
| 100d |  |  | -- |
| 100e | -- | -- | -- |
| 100 f | -- | - | -- |
| 101 | -- | -- | -- |
| 102 | -- | -- | -- |
| 103 |  | -- | -- |
| 104 | -- | -- | -- |
| 105 | -- | 93 | -- |
| 106 |  | 92 |  |
| 107 | 12 | 11LF | 88 |
| 108 | -- | 18LF | -- |
| 109a | -- | 19ALF | -- |
| 109b | -- | 19BLF | -- |
| 109c | -- | 19CLF | -- |
| 109d | -- | 19DLF | -- |
| 110a | -- | -- | -- |
| 110B | -- | -- | -- |
| 110B | -- |  |  |
| 110B | -- | -- | -- |
| 110B | -- | -- | -- |
| 110B | -- | -- | -- |
| 110C | -- |  |  |

## OUESTION WORDING

Past two years, family member a crime victim Parents know best friend's parents Decision maker about staying out late Decision maker about car use Decision maker about having a job Decision maker about spending money Decision maker about drinking alcohol w/parents
Decision maker about drinking alcohol at party
Decision maker about revocation of privileges
Decision maker about going to college
Decision maker about which classes to take
Discussed school courses with parents
Discussed events of interest with parents
Discussed class topics with parents
Discussed grades with parents
Discussed entrance exams with parents
Discussed applying to college with parents
Discussed post high school jobs with parents
Discussed current events with parents
Discussed things that trouble you with parents Parents trust you to do what they expect I often do not know why to do what I am told I count on parents to solve problems for me I will be a source of pride in the future My parents get along well with one another My own family wili be similar to my current one Past two years, did you run away from home Number of times family moved since 01-01-88
Number of school changes since 01-01-88
Age when left alone at home for a week plus
Do you think of yourself as a religious person
Frequency of attendance at religious services
Is English your native language
Use of native language
Understanding of spoken English
Proficiency in speaking English
Proficiency in reading English
Proficiency in writing English
Special help given in increasing English skills
Special help given in form of individual tutor
Special help given in form of a small group
Special help given in form of a large group
Special help given in form of ESL
Special help given in form of bilingual education
Understanding of spoken English has improved

## OUESTION NUMBER

## OUESTION WORDING

| A | B | C | D |  |
| :---: | :---: | :---: | :---: | :---: |
| 110 Cb |  | -- |  | Ability to speak English has improved |
| 110 Cc |  |  | -- | Ability to read English has improved |
| 110 Cd | -- | -- | -- | Ability to write English has improved |
| 111a |  | -- | - | Problems writing papers based on English skills |
| 111b |  | -- | -- | Problems with essay exams based on English |
| 111c |  |  | -- | Problems with choice exams based on English |
| 111d |  |  | -- | Problems understanding teacher based on English |
| 111e |  | -- | -- | Problems taking notes based on English skills |
| 111f |  | -- | - | Problems participating in class based on English |
| 111 g |  | -- | -- | Problems doing homework based on English |
| 112a | -- | -- | -- | Problems applying for jobs based on English |
| 112 b | -- |  | - | Problems with teachers based on English skills |
| 112c | -- | -- |  | Problems participating at school based on English |
| 112d |  | -- | -- | Problems with sports based on English skills |
| 112e |  |  |  | Problems making friends because of English |
| 113a | -- | -- | -- | Problem getting good grades based on English |
| 113b |  |  | -- | Problem getting a job based on English skills |
| 113c | -- |  |  | Problem getting higher pay based on English |
| 113d | -- | -- | -- | Problem applying to college based on English |
| 113 e |  |  | -- | Problem applying to jr. college based on English |
| 113 f | -- | -- |  | Problem applying to trade school based on English |
| 113 g |  | -- |  | Problem of acceptance to college based on English |
| 113h | -- | -- |  | Problem of acceptance to jr. coll. from English |
| 113 i |  | -- | -- | Problem of acceptance at trade school for English |
| 113j |  | -- | - | Problem of good grades at coll. based on English |
| 113 k | -- | -- |  | Problem of good grades at trade schl. from English |
| 114 | G1 | .- | -- | Date of high school graduation |
| 115a | G2 | -- | -- | Graduated early to apply to college early |
| 115b | G2 | -- |  | Graduated early to start a job or join military |
| 115c | G2 | -- | -- | Graduated early because of boredom at HS |
| 115d | G2 |  | -- | Graduated early to move to another city |
| 115e | G2 |  | -- | Graduated early to start a family |
| 115 f | G2 |  | -- | Graduated early for other reasons |
| 116a | G4a |  | -- | School counselor help decide to graduate early |
| 116b | G4b | -- | -- | Teacher help decide to graduate early |
| 116c | G4c | -- | -- | Parents help decide to graduate early |
| 116d | G4d |  | -- | Relative help decide to graduate early |
| 116e | G4e | -- | -- | Other help decide to graduate early |
| 117 Aa |  | -- | -- | Went to summer school to graduate early |
| 117 Ab |  | -- | -- | Took extra courses to graduate early |
| 117Ac |  | -- | -- | Got AP/tested out of courses to graduate early |
| 117Ad |  | -- | -- | Got accepted to college to graduate early |
| 117Ae |  | -- | -- | Passed a test to graduate early |
| 117B | -- | -- | -- | What did you do to finish high school |
| 118a | G7a | -- | -- | Working for pay as of 02-01 |

E-10

## OUESTION NUMBER

| A | B | C | D |
| :---: | :---: | :---: | :---: |
| 118b | G7b |  | -- |
| 118c | G7c | -- | -- |
| 118d | G7d | -- | -- |
| 118 e | G7e | -- | -- |
| 118 f | G7f | -- | -- |
| 118 g | G7g | -- | -- |
| 188h | G7h | -- |  |
| 118 i | G7i | -- | -- |
| 119 | G8 | -- | -- |
| 120 | G9 | -- | -- |
| 121a |  | -- | -- |
| 121b | G10.1 | -- | -- |
| 121c | G10.2 | -- | -- |
| 121 d | G10.3 | -- | -- |
| 122 | G10.5 | - | -- |
| 123 | G10.6 | -- | -- |
| 124 | G11 |  | -- |
| 125 | G12 |  | -- |
| 126 | G13A1 | -- | -- |
| 126a | -- | -- | -- |
| 126b | -- | -- | -- |
| 127a | -- | -- | -- |
| 127 b | G13A2 | -- |  |
| 127B | -- | -- | -- |
| 127B | -- | -- | -- |

## OUESTION WORDING

Taking courses at $\mathbf{2}$ or $\mathbf{4}$ year school as of 02-01
Taking courses at trade school as of 02-01
In a training program as of 02-01
On active duty in military as of 02-01
A homemaker as of 02-01
On temporary layoff from job as of 02-01
Looking for work as of 02-01
Taking a break from work as of 02-01
Between high school and now, held FT job
Months and years when you worked at ail
Description of current or most recent job
What kind of job or occupation do you have
What kind of business or industry is this in
What are your main activities or duties
Date began at most recent or current job
Date left most recent job
Post high school class enrollment
Dates of any post high school class enrollment
Name of most recent or current school
Applied for financial aid at current school
Awarded financial aid at current school
Attendance at any other school
Name and location of other school attended
Applied for financial aid at other school
Awarded financial aid at other school

## Intracohort Student Questionnaire Crosswalks

```
A = NELS:88 Second Follow-up Student
B = NELS:88 Second Follow-up Dropout
C = NELS:88 First Follow-up Student
D = NELS:88 First Follow-up Dropout
E = NELS:88 Base Year Student
```


## QUESTION NUMBER

OUESTION WORDING

| A | B | C | D | E |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5a | 5e | 110 | -- |  | Date questionnaire completed |
| 5b | -- |  |  |  | Social security number |
| 6a | -- | -- | -- | - | Current grade level |
| 6b | -- | -- | -- |  | Certification from current school program |
| 7a | 18a | 7b | 12b | 59b | In school there is real school spirit |
| 7 b | 18b | 7 e | 12e | -- | In school there are interracial friends |
| 7 c | 18 c | 7 g | 12 g | 59 f | In school the teaching is good |
| 7d | 18d | 7 h | 12h | 59 g | In school teachers are interested in students |
| 7 e | 18 f | 7 m | 12 m | 59k | In school I don't feel safe |
| 7 f | 18 e | 7n | 12n | 591 | In school disruptions impede learning |
| 7 g | 18 g | -- | -- | -- | In school interracial fights occur |
| 7 h | 18h | -- | -- | -- | In school there are many gangs |
| 7 i |  |  | - |  | In school students are graded fairly |
| 7 j | -- | -- | -- | -- | In school there is a lot of cheating |
| 7k | -- | -- |  |  | In school some teachers ignore cheating |
| 71 |  | 7d | 12d | 59d | In school discipline is fair |
| 8a |  | 9a |  | 57a | Times in school I had something stolen from me |
| 8b |  | 9 b | -- | 57b | Times in school someone offered me drugs |
| 8 c | -- | -- | - |  | Times going to school someone offered me drugs |
| 8d |  | 9c | -- | 57c | Times at school someone threatened to hurt me |
| 8 e |  | -- | -- | -- | Times going to school someone threatened me |
| 8f |  | 9d |  | 55 f | Times at school I got into a physical fight |
| 8 g | -- | -- | -- |  | Times going to school I physically fought |
| 9a | 19a | 10a | 15a | 77 | Times I was late for school |
| 9 b | 19b | 10b | 15b | 76 | Times I cut or skipped classes |
| 9 c | 19c |  | -- | 75 | Times I missed a day of school |
| 9d | 19d | 10c | 15c |  | Times I got in trouble for breaking rules |
| 9 e | 19e | 10d | 15d |  | Times I was put on an in-school suspension |
| 9 f | 19f | 10e | 15 e | -- | Times I was suspended or put on probation |
| 9 g | 19 g | I of | 15 f | -- | Times I was transferred for disciplinary reason |
| 9h | 19h | $\log$ | 15 g | -- | Times I was arrested |
| 9 i | 19i | -- | 15h | -- | Times I spent time in a juvenile center |
| 10 | -- | 14 | -- | -- | Reason for last absence from school |
| 11a |  | -- | -- | -- | Last unexcused absence from high school |
| 11 b | -- | -- | -- | -- | \# of days missed during last unexcused absence |
| 12A | 20 | 20 | 16 | 49 | High School program description |
| 12Ba | -- | -- | -- | -- | Was assigned to this program |


| A | B | C | D | E | QUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 12Bb | -- | -- | 19 | 51d | Chose program after talking to teacher |
| 12Bc | -- | -- | 19 | -- | Chose program after talking to my parents |
| 12Bd | -- | -- | 19 | -- | Chose program after talking to my friends |
| 12 Be | -- | - |  | -- | Chose program myself |
| 12Bf | -- | -- |  | -- | Only program offered at school |
| 13a | -- | 34a | 17d | -- | Ever been in remedial English |
| 13b | -- | 34 b | 17c | -- | Ever been in remedial mathematics |
| 13 c | -- | 34 c | .- | - | Ever been in bilingual/bicultural programs |
| 13d | -- | 34d | - | 68 b | Ever been in English as a 2nd Language program |
| 13 e | -- | 34 e | -- | 66 | Ever been in advanced placement program |
| 13f | -- | 34 f | -- | -- | Ever been in educationally handicapped program |
| 13g | -- | 34 g |  |  | Ever been in physically handicapped program |
| 13h | -- | 34h | - |  | Ever been in dropout prevention program |
| 13 i | -- | -- | 17 m |  | Ever been enrolled in vocational course |
| 13j | -- | -- | -- | 68a | Ever been in gifted/talented program |
| 13k | -- | -- |  | -- | Ever been in a magnet program |
| 14a | -- | -- | -- | -- | Participation in Talent Search or Upward Bound |
| 14b | -- | -- |  | -- | Yrs. participated in TS, UB or similar |
| 15a | -- | 29 | 4g | -- | Enrollment in a science class past 2 years |
| 15Ba | -- | 29a |  | -- | Current science class: review work from previous day |
| 15 Bb | - | 291 |  | -- | Current science class: listen to teacher lecture |
| 15Bc | -- | 29c |  | -- | Current science class: copy teacher's notes |
| 15Bd | -- | 29j |  | -- | Current science class: use calculators |
| 15 Be | -- | 29 n |  | -- | Current science class: watch teacher do experiment |
| 15Bf | -- |  |  | -- | Current science class: do experiment alone or in group |
| 15 Bg | -- | 29e |  | -- | Current science class: use book to do an experiment |
| 15Bh | -- | 29d | -- | -- | Current science class: write up reports on experiments |
| 15 Bi | -- | 29i |  | -- | Current science class: use computers to analyze data |
| 15 Bj | -- | 29b |  | -- | Current science class: make own choice of topic for study |
| 15Bk | - | 29 g |  | -- | Current science class: design and conduct projects alone |
| 15Bl | -- | 29 m |  | -- | Current science class: discuss career opportunities |
| 16 | -- | 30 |  | -- | Science class emphasis on what objectives |
| 17 | - | -- |  | -- | Current science class participation |
| 18a | -- | 21b |  | 67a | Current science class enrollment |
| 18 b | -- | -- |  |  | Importance of guidance in taking science |
| 18 c | -- | -- |  | 72c | Reasons for taking a science class |
| 18d | -- | -- |  | -- | Reasons for not taking a science class |
| 19a | - | -- | 4a | - | Enrollment in a math class past 2 years |
| 19 Ba | -- | 32a | -- | 67 | Current math class: review work from previous day |
| 19 Bb | -- | -- | -- | -- | Current math class: listen to teacher lecture |
| 19 Bc | -- | 32c | -- | -- | Current math class: copy teacher's notes |
| 19Bd | -- | 32b |  |  | Current math class: use books other than text |
| 19 Be | -- | 32d | -- | -- | Current math class: do problem-solving activities |
| 198f | -- | 32 g | -- | -- | Current math class: use calculators |
| 19Bg | -- | 32e | -- | -- | Current math class: use computers |
| 19Bh | -- | 32i |  |  | Current math class: explain work orally |


| A | B | C | D | E | QUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 19Bi | -- | 32h | -- | -- | Current math class: participate in student discussions |
| 19Bj | -- | 32f | -- |  | Current math class: use hands-on materials |
| 19Bk | -- | -- | -- | -- | Current math class: discuss career opportunities |
| 19Bl |  | -- | -- | -- | Current math class: write about math |
| 20a | -- | 31a | -- | .. | Math class: emphasis on increasing math interest |
| 20b | -- | 31 b | -- | -- | Math class: emphasis on memorization of rules |
| 20c |  | 31c | -- | -- | Math class: emphasis on preparation for more math |
| 20d | -- | 31d | -- | -- | Math class: emphasis on meaning/solving problems |
| 20e | -- | 31 e | -- | -- | Math class: emphasis on math in daily life |
| 21 | -- | -- | -- |  | Current math class participation |
| 22 a | -- |  |  |  | Math class this term |
| 22 b | -- | -- | -- | -- | Importance of guidance in taking a math class |
| 22c |  | -- |  | 69c | Reasons for taking a math class |
| 22d |  |  |  |  | Reasons for not taking a math class |
| 23a | -- | 33 | 17m | -- | Enrollment in a vocational class past 2 years |
| 23 Ba | -- |  | -- |  | Vocational class: emphasis on increased interest |
| 23 Bb |  | 33a | -- | -- | Vocational class: emphasis on teaching immediate skills |
| 23 Bc |  | 33b | -- | -- | Vocational class: emphasis on facts, rules and steps |
| 23Bd | -- | 33 c | -- |  | Vocational class: emphasis on math and science in work |
| 23 Be | -- | 33d | -- |  | Vocational class: emphasis on a problem and its meaning |
| 23Bf | -- | 33f |  |  | Vocational class: emphasis on use of physical equipment |
| 23 Bg | -- | -- |  | -- | Vocational class: emphasis on further studies |
| 24a |  | 40a | -- | 78a | How often come to class without pencil or paper |
| 24 b |  | 40b | -- | 78 b | How often come to class without books |
| 24c | -- | 40c | -- | 78 c | How often come to class without homework done |
| 25a1 | -- | 36b1 | -- | 79a | Time spent on math homework in school |
| 25a2 | -- | 36 bl | -- | - | Time spent on math homework out of school |
| 25b1 |  | 36 cl |  | - | Time spent on science homework in school |
| 25 b 2 |  | 36 c 2 | -- |  | Time spent on science homework out of school |
| 25c1 | -- | 36d1 | -- |  | Time spent on English homework in school |
| 25c2 | -- | 36d2 |  |  | Time spent on English homework out of school |
| 25d1 | -- | 36e1 | -- |  | Time spent on history/social studies homework in school |
| 25d2 | -- | 36 e 2 | -- | -- | Time spent on history/social studies homework out of school |
| 25e1 |  | 36f1 | -- | -- | Time spent on other homework in school |
| 25 e 2 | -- | 36f2 | -- |  | Time spent on other homework out of school |
| $25 \mathrm{f1}$ | -- | 36a1 |  | - | Total time spent on homework in school |
| 25 f2 | -- | 36 a 2 | -- |  | Total time spent on homework out of school |
| 26 | -- |  | -- |  | People who assist with homework |
| 27 | -- | -- | -- |  | Minimum competency test for graduation taken |
| 28 | -- | -- | -- | -- | Results of competency test |
| 29a | -- | 8 b | -- | -- | Recognition: elected officer of a school class |
| 29b | -- | 8 c | -- | -- | Recognition: won academic honor |
| 29c | -- | -- | -- |  | Recognition: rec'd award in science or math fair |
| 29d | -- | 8 e | -- | -- | Recognition: good attendance |
| 29 e | -- | 8 f | -- | -- | Recognition: good grades or honor roll |
| 29 f | -- | 8 g | -- | -- | Recognition: wrote essay or poem |


| A | B | C | D | E | OUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 29g |  | 8h | -- | -- | Recognition:M.V.P. of sports team |
| 29 h | -- | 8 i | -- | -- | Recognition: community service award |
| 29i | -- | 8 j | -- | -- | Recognition: vocational/technical competition participant |
| 30Aa | - | 41A-f | -- | 82b | Played on team interscholastic sport |
| 30 Ab | -- | 41 Ag | -- | 82e,f | Played an individual sport |
| 30Ac | -- | 41Ahi | -- | 82d | Participated in cheerleading/pompon |
| 30 Ba | -- | 41 Ba | -- | -- | Participated in school musical group |
| 30 Bb | -- | 41 Bb | -- | 82 n | Participated in school drama club or play |
| 30 Bc | -- | 41 Bc | -- | 82 r | Participated in student government |
| 30Bd | -- | 41 Bd | -- | 820 | Participated in school honor society |
| 30 Be | -- | 41 Be | -- | 82 q | Participated in school yearbook/newspaper |
| 30 Bf | -- | 41 Bf | -- |  | Participated in school service clubs |
| 30 Bg | -- | 41 Bg | -- | 82h,i,j | Participated in school academic clubs |
| 30Bh | -- | 41 Bh | - |  | Participated in school hobby clubs |
| 30 Bi | -- | 41 Bi | -- | 82u | Participated in FTA, FHA, FFA clubs |
| 30Bj | -- | 41 A-f | -- | 82 c | Participated in intramural team sports |
| 30Bk | -- | 41 A-f | -- | -- | Participated in intramural individual sports |
| 31 | -- | 42 | -- | -- | Time spent on school-sponsored activities |
| 32 | -- | 43 | -- | -- | Time spent on personal reading outside school |
| 33a | -- | 44 b | -- | -- | Time spent using personal computers |
| 33b | - | 44c | -- |  | Time spent working on hobbies |
| 33 c | -- | 440 | -- | -- | Time spent participating in religious activity |
| 33d |  | 44 g | -- | -- | Time spent in youth groups |
| 33 e | -- | 44h | -- | -- | Time spent doing community service |
| 33f |  | 44 i | -- | -- | Time spent driving or riding around |
| 33 g | -- | -- | -- | -- | Time spent doing things with friends |
| 33h | -- | 44k | -- | -- | Time spent doing things with parents |
| 33 i | -- | 441 | -- | -- | Time spent doing things with other adults |
| 33j | -- | 44m | -- | -- | Time spent taking classes outside school |
| 33k | -- | 44 n | -- | -- | Time spent taking sports lessons |
| 331 | -- | 44f | -- | -- | Time spent playing sports outside school |
| 34 | -- |  | -- | -- | Time spent per day playing video/computer games |
| 35 | -- | 45 | -- | -- | Time spent per day watching video/computer games |
| 36 | - | -- | -- | -- | National youth service program preference |
| 37 | -- | -- | -- | -- | Community volunteer work in past two years |
| 38 |  | -- | -- | -- | Types of unpaid volunteer work |
| 39 | -- | -- | -- | -- | Organizations involved with for volunteer work |
| 40a | 36a | 46a | 36a |  | Importance of being successful in line of work |
| 40 b | 36b | 46 b | 36 b | -- | Importance of finding the right person to marry |
| 40 c | 36c | 46 c | 36 c | -- | Importance of having lots of money |
| 40d | 36d | 46 c | 36d | -- | Importance of having strong friendships |
| 40 e | 36e | 46 e | 36 e | -- | Importance of finding steady work |
| 40f | 36f | 46 f | 36 f | -- | Importance of helping other community members |
| 40 g | 36 g | 46 g | 36 g | -- | Importance of my children having better futures |


| A | B | C | D | E | OUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 40h | 36h | 46h | 36h | -- | Importance of living close to parents |
| 40i | 36 i | 46i | 36 i | -- | Importance of leaving the community |
| 40j | 36j | 46j | 36j | -- | Importance of correcting social inequalities |
| 40k | 36k | 46k | 36k | -- | Importance of having children |
| 401 | 361 | 461 | 361 |  | Importance of having leisure time |
| 40 m | 36 m | 46m | 36 m | -- | Importance of getting away from parents |
| 40n | 36n | -- | -- | -- | Importance of being an expert in my field |
| 400 | 360 | -- |  |  | Importance of getting a good education |
| 41a |  | 47a | -- |  | What father thinks I should do post high school |
| 41b | -- | 47b |  |  | What mother thinks I should do post high school |
| 41c | -- | 47c | -- | -- | What friends think I should do post high school |
| 41d |  | 47d | -- | -- | What relative thinks I should do post HS |
| 41e |  | 47e | -- |  | What school counselor thinks I should... |
| 41f |  | 47f | -- | -- | What teacher thinks I should do post HS |
| 41 g | -- | 47 g | -- |  | What coach thinks I should do post high school |
| 42a | 37a | 48a | 37a | 48 | How far in school does dad want me to go |
| 42b | 37 b | 48b | 37 b | 48 | How far in school does mom want me to go |
| 43 | 38 | 49 | 38 | 45 | How far in school I think I will get |
| 44a |  | 50a | -- |  | Have you taken/plan to take Pre-SAT test |
| 44 b | -- | 50b |  |  | Have you taken/plan to take the SAT |
| 44c | -- | 50c | -- |  | Have you taken/plan to take the ACT |
| 44d | -- | 50d |  |  | Have you taken/plan to take an AP test |
| 44 e |  | 50 e |  |  | Have you taken/plan to take the ASVAB |
| 44f | -- | -- | -- |  | Have you taken/plan to take other tests |
| 45 | -- | -- | -- | -- | SAT/ACT preparation plans |
| 46 | -- | -- | -- |  | How will you spend the summer |
| 47 | 40b | -- | -- |  | Do you have skills for desired job in $\mathbf{5}$ years |
| 48A |  | -- | 82 |  | Plans to join the Armed Forces |
| 48B |  |  | -- |  | Armed Forces branch |
| 48C | 56 | -- | -- |  | Reason for joining the Armed Forces |
| 49 | -- |  | -- | -- | Plan on going to school right after high school |
| 50 | -- | -- | -- | -- | Reasons not to continue education immediately |
| 51 |  | -- | -- |  | Plan to work full-time after HS graduation |
| 52 |  |  | -- | -- | Do you have a full-time job arranged |
| 53 | -- | -- | -- | 51b | People at school who helped select job |
| 54 | -- | -- | -- | -- | School job finding services used |
| 55 |  | -- | -- | -- | Hourly wage expected at FT job, post HS grad |
| 56 |  | 49,51 | -- | 47 | Plans to continue education after high school |
| 57 | -- | -- | -- | -- | Help received at schl.w/coll. applications |
| 58 | -- |  | -- |  | What have you done to learn about financial aid |
| 59a | -- | 52a | -- | -- | Importance of low expenses on school choice |
| 59b | -- | 52b | -- |  | Importance of financial aid on school choice |
| 59c | -- | 52c | -- | -- | Importance of curriculum on school choice |
| 59d | -- | 52d | -- |  | Importance of athletics on school choice |
| 59 e | -- | 52e | -- | -- | Importance of social life on school choice |
| 59 f | -- | 52 f | -- | -- | Importance of living at home on school choice |
| 59 g | -- | 52 g | -- |  | Importance of not living at home on choice |


| A | B | C | D | E | QUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 59h | -- | 52h | -- | -- | Importance of religion on school choice |
| 59 i | -- | 52 i | -- | -- | Importance of low-crime on school choice |
| 59j | -- | 52j | -- | -- | Importance of job placement on school choice |
| 59k | - | -- | -- | -- | Importance of grad school placement on choice |
| 591 | -- | 52k | -- | - | Importance of academic reputation on choice |
| 59m | -- | 521 | -- |  | Importance of easy admission on school choice |
| 59n | -- | -- | -- | -- | Importance of degree for job on choice |
| 590 | -- | -- | -- | -- | Importance of school's race/ethnicity on choice |
| 59p | -- | -- | -- | -- | Importance of the school size on school choice |
| 59 q | -- | -- | -- | -- | Importance of location on school choice |
| 59 r | -- | - |  | -- | Importance of attending parent school on choice |
| 60A | - | -- |  | -- | To how many school have you applied |
| 60B1 | - | -- | -- |  | Name and location of first school applied to |
| 60B1a | -- |  | -- | -- | Accepted at school 1 |
| 60B1b | -- | -- | -- | -- | Applied for financial aid at school 1 |
| 60 Bl c | -- | -- | -- |  | Awarded financial aid at school 1 |
| 60B2 | - | -- | -- | -- | Name and location of second school applied to |
| 60B2a | -- | -- | -- | -- | Accepted at school 2 |
| 60B2b | -- |  | -- | -- | Applied for financial aid at school 2 |
| 60B2c | -- |  | -- | -- | Awarded financial aid at school 2 |
| 61 | 23 | -- | -- | -- | Type of school most likely to attend |
| 62 |  | -- | -- | -- | Field you would most like to study in school |
| 63 | -- | -- | - | -- | Field in which you are most likely to train |
| 64a | 46a | 53a |  | -- | Expected job/occupation after high school |
| 64 b | 40a | 53b | 39 |  | Expected job/occupation at age 30 |
| 65 | 40c |  | 40 | -- | Expected education needed for job at 30 |
| 66a | 57a | 62a | 46a | 44a | I feel good about myself |
| 66b | 57 b | 62b | 46 b | 44 b | I don't have enough control of my life |
| 66 c | 57 c | 62 c | 46 c | 44 c | Good luck is more important than hard work |
| 66d | 57d | 62d | 46d | 44d | I feel I am a person of worth |
| 66 e | 57e | 62 e | 46 e | 44 e | Am able to do things as well as most others |
| 666 | 57 f | 62 f | 46 f | 44 f | When I try to get ahead, I am stopped |
| 66 g | 57 g | 62 g | 46 g | 44 g | My plans hardly ever work out |
| 66h | 57h | 62h | 46h | 44h | On the whole, I am satisfied with myself |
| 66i | 57 i | 62i | 46 i | 44i | I feel useless at times |
| 66j | 57j | 62j | 46j | 44j | At times, I think I am no good at all |
| 66k | 57k | 62 k | 46k | 44k | I am certain I can make my plans work |
| 661 | 571 | 621 | 461 | 441 | I feel I do not have much to be proud of |
| 66 m | 57m | 62m | 46 m | 44 m | Chance and luck are very important in my life |
| 67a | 58a | 64a | 48a | 46 | Chances you will graduate from high school |
| 67b | 58 b | 64b | 48b |  | Chances you will go to college |
| 67 c | 58c | 64c | 48c |  | Chances you will have a job that pays well |
| 67d | 58d | 64d | 48d |  | Chances you will own your own home |
| 67 e | 58e | 64 e | 48e | -- | Chances you will have a job you enjoy |
| 67f | 58 f | 64f | 48f | -- | Chances you will have a happy life |
| 67 g | 58g | 64g | 48 g | -- | Chances you will stay in good health |
| 67h | 58h | 64h | 48h | -- | Chances you will be able to live where you want |


| A | B | C | D | E | OUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 67i | 58i | $64 i$ | 48i | -- | Chances you will be respected in your community |
| 67j | 58j | 64j | 48j | - | Chances you will have friends you can count on |
| 67 k | 58k | 64 k | 48k | -- | Chances your life will be better than parents |
| 671 | 581 | 641 | 481 | -- | Chances your children's life better than yours |
| 68a | 60a | 70a | 53a | -- | Important to friends to attend class regularly |
| 68 b | 60b | 70 b | 53b | -- | Important to friends to study |
| 68 c | 60c | 70c | 53c |  | Important to friends to play sports |
| 68d | 60d | 70d | 53d |  | Important to friends to get good grades |
| 68 e | 60e | 70e | 53 e |  | Important to friends to be popular |
| 68f | 60f | 70 f | 53 f |  | Important to friends to finish High School |
| 68g | 60 g | 70 g | 53 g | -- | Important to friends to go steady |
| 68h | 60h | 70 i | 53 i | -- | Important to friends to continue education |
| 68i | 60i | 70 j | 53j | -- | Important to friends to participate in religion |
| 68j | 60j | 70k | 53k | -- | Important to friends to do community work |
| 68k | 60k | 70k | 531 |  | Important to friends to have a regular job |
| 681 | 601 | -- | -- | -- | Important to get together with friends |
| 68m | 60 m | 70h | 53h | -- | Important to friends to go to parties |
| 68n | 60n | -- | -- | -- | Important to friends to have sexual relations |
| 680 | 600 | -- | -- |  | Important to friends to use drugs |
| 68p | 60p |  | -- |  | Important to friends to drink alcohol |
| 68 q | 60 q | -- | -- | -- | Important to friends to make money |
| 69a |  | -- | 52 |  | \# of friends that dropped out of HS |
| 69 b | -- |  |  |  | \# of friends that have no plans for college |
| 69 c | -- | -- | -- |  | \# of friends that plan to work full-time |
| 69d | -- | -- | -- | -- | \# of friends to attend community/tech school |
| 69 e | .- |  | -- |  | \# of friends that plan to attend college |
| 70 | 61A | -- | 56 | -- | \# of friends that belong to gangs |
| 71 | 61B |  | 57 | -- | Do you belong to a gang |
| 72a | 62a |  |  |  | Age you expect to marry |
| 72 b | 62b |  | -- |  | Age you expect to have first child |
| 72c | 62 c | -- | -- |  | Age you expect to start first FT job |
| 72d | 62d | -- | -- |  | Age you expect to live in own home or apt. |
| 72e | 62e | -- |  |  | Age you expect to finish your education |
| 73 | 5A | -- | 88 |  | Current marital status |
| 74 | 64 | 74 | 61 |  | Importance of marriage before sexual relations |
| 75 | 65 | 75 | 62 |  | Consider having a child if not married |
| 76 | 66 | 76 | 63 | -- | Have any children of your own |
| 77 | 67 |  | 63A |  | First child's birthdate |
| 78 | 68 |  | 65 |  | Frequency of care given to child by individuals |
| 79 | 69 | -- | 64 | -- | Type of relationship w/mom or dad of 1st child |
| 80 | 70 | 77 | 66 | -- | Cigarettes smoked daily |
| 81a | 71a | 78a | 67a | -- | Occasions drank alcoholic beverages in lifetime |
| 81b | 71 b | 78 b | 67b | -- | Occasions drank alcohol last 12 months |
| 81c | 71c | 78 c | 67c | -- | Occasions drank alcohol last 30 days |
| 82 | 72 | -- | 68 | -- | Times had 5 drinks or more in a row last 2 wks |
| 83a | 73a | 80Aa | 69Aa | -- | Occasions used marijuana or hashish in lifetime |
| 83b | 73b | 80Ab | 69 Ab | -- | Occasions used marijuana or hashish last year |


| A | B | C | D | E | QUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 83c | 73 c | 80Ac | 69Ac | -- | Occasions used marijuana or hashish last month |
| 84a | 74a | 80Ba | 69Ba | -- | Occasions used cocaine in any form in lifetime |
| 84b | 74 b | 80Bb | 69 Bb | - | Occasions used cocaine in any form last year |
| 84 c | 74 c | 80Bc | 69 Bc | -- | Occasions used cocaine in any form last month |
| 85 | 75 | -- |  | - | Occasions on drugs at school |
| 86A | -- | 84 | 73 | 53 | Have you worked for pay? |
| 86B | -- | -- | -- |  | Date of the last time you worked for pay |
| 87 | 45 e | -- | -- | -- | Date started current or most recent job |
| 88 | 46h | 85 | 74 | 53 | Hours worked per week at most recent job |
| 89 | -- | 86 | 75 | - | Hours worked on the weekends |
| 90 | 45b | 87 | 76 | 54 | Type of work at current or most recent job |
| 91 | 45k | 88 | 77 |  | Pay rate per hour at current or most recent job |
| 92a | 47a | -- | 79c | -- | Money spent on clothes and other things |
| 92b | 47b | -- | 79 c | -- | Money spent to go out |
| 92c | 47c | -- | 79d | -- | Money spent to buy gas and other car items |
| 92d | 47d | -- | -- |  | Money spent to pay for rent |
| 92e | 47 e | -- | -- | -- | Money spent to purchase food |
| 92f | 47f |  | 79e |  | Money spent for future education |
| 92 g | 47 g |  | -- |  | Money spent to buy alcohol |
| 92h | 47 h |  |  |  | Money spent to buy illegal drugs |
| 93 | 77 | 95 | 90 |  | Do you babysit for own child or others |
| 94 | 78 | 96 | 91 |  | Hours per school day you babysit |
| 95 | 79 | 97 | 92 |  | School days missed to babysit |
| 96a | 80a | 99a | 94a |  | Past two years, family moved to a new home |
| 96b | 80b | 99 c | 94 b |  | Past two years, parents got divorced |
| 96c | 80c | 99 b | 94c | -- | Past two years, parent(s) got re-married |
| 96d | 80d | 99d, | 94d, |  | Past two years, parent(s) lost job |
| 96e | 80e | 99f,g | 94f,g | -- | Past two years, parent(s) started work |
| 96 f | 80f | - | -- |  | Past two years, parent(s) got a better job |
| 96g | 80 g | 99h | 94h |  | Past two years, I became seriously ill |
| 96h | 80h | 99i,j | 94i,j | -- | Past two years, my parent(s) died |
| 96i | 80 i | 99k | 94k |  | Past two years, close relative died |
| 96j | 80j | 991 | 941 | -- | Past two years, unmarried sister got pregnant |
| 96k | 80k | 99 m | 94 m |  | Past two years, brother or sister dropped out |
| 961 | 801 | 99n | 94 n |  | Past two years, family on welfare |
| 96m | 80m | 990 | 940 | -- | Past two years, family off welfare |
| 96n | 80n | 99q | 94q |  | Past two years, family member seriously ill |
| 960 | 800 | -- | -- | -- | Past two years, family member did drugs |
| 96p | 80p | -- | -- | -- | Past two years, family member did drug rehab |
| 96q | $80 q$ | -- | -- | -- | Past two years, family member a crime victim |
| 97 | -- | 103 | 96 | -- | Parents know best friend's parents |
| 98a | 81a | 104a | 98a | -- | Decision maker about staying out late |
| 98b | 81b | -- | -- | -- | Decision maker about car use |
| 98c | 81a | 104d | 98c | -- | Decision maker about having a job |
| 98d | 81d | 104f | 98 e | -- | Decision maker about spending money |
| 98 e | 81e | -- | -- | -- | Decision maker about drinking alcohol w/parents |
| 98f | 81f | -- | -- | -- | Decision maker about drinking alcohol at party |


| A | B | C | D | E | OUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 98g | 81g | -- | -- | -- | Decision maker about revocation of privileges |
| 98h | 81h | 104j | -- | -- | Decision maker about going to college |
| 98i |  | 104c | 98g |  | Decision maker about which classes to take |
| 99a | -- | 105a | -- | 36a | Discussed school courses with parents |
| 99b | -- | 105b | -- | 36b | Discussed events of interest with parents |
| 99 c | -- | 105c | -- | 36c | Discussed class topics with parents |
| 99d | -- | 105d | -- | -- | Discussed grades with parents |
| 99e | -- | 105 f | -- |  | Discussed entrance exams with parents |
| 99 f |  | 105g | -- |  | Discussed applying to college with parents |
| 99g | -- | -- | -- | -- | Discussed post high school jobs with parents |
| 99h | -- | -- | -- |  | Discussed current events with parents |
| 99i | -- |  | -- | -- | Discussed things that trouble you w/parents |
| 100a | 82a | 108a | 99a | 39a | Parents trust you to do what they expect |
| 100b | 82b | 108b | 99b | 39b | I often don't know why to do what I am told |
| 100c | 82c | 108c | 99c | 39c | I count on parents to solve problems for me |
| 100d | 82d | 108d | 99d |  | I will be a source of pride in the future |
| 100e | 82e | 108e | 99e | -- | My parent get along well with one another |
| 100f | 82 f | 108f | 99f |  | My own family will be similar to my current one |
| 101 | 83 | 109 | 100 |  | Past 2 years, did you run away from home |
| 102 | 85 |  |  |  | Number of times family moved since 01-01-88 |
| 103 | 86 | -- |  |  | Number of times school changes since 01-01-88 |
| 104 | 84 | -- | 101 |  | Age when left alone at home for a week plus |
| 105 | 87 | 83 | 72 |  | Do you think of yourself as a religious person |
| 106 | 88 | 82 | 71 |  | Frequency of attendance at religious services |
| 107 | 89 |  | -- | 17 | Is English your native language |
| 108 | 90 | -- | -- |  | Use of native language |
| 109a | 91a | 57a | 44a | 27a | Understanding of spoken English |
| 109b | 91b | 57b | 44b | 27 b | Proficiency in speaking English |
| 109c | 91c | 57c | 44c | 27c | Proficiency in reading English |
| 109d | 91d | 57 d | 44c | 27 d | Proficiency in writing English |
| 110a | 92a | 58 | 45 | 29 | Special help given in increasing English skills |
| 110b | 92b | 59 | -- |  | Form of any special help |
| 110c | 92c | -- | -- |  | English skill improvement from help given |
| 111a | -- |  | -- |  | Problems writing papers based on English skills |
| 111 b | -- | -- | -- | -- | Problems with essay exams based on English |
| 111c | -- | -- | -- | -- | Problems with choice exams based on English |
| 111d | -- | -- | -- | -- | Problems understanding teacher based on English |
| 111e |  |  | -- |  | Problems taking notes based on English skills |
| 111f | -- | -- |  | -- | Problems participating in class based on Eng. |
| 111g | -- |  |  | -- | Problems doing homework based on English |
| 112a | -- |  | -- |  | Problems applying for jobs based on English |
| 112 b |  |  |  | -- | Problems with teachers based on English skills |
| 112c | -- | -- |  | -- | Problems participating at school based on Eng. |
| 112d | -- | -- | -- | -- | Problems with sports based on English skills |
| 112e | -- | -- | -- |  | Problems making friends because of English |
| 113a | 94a | -- | -- | -- | Problems getting good grades based on English |
| 113b | 94b | -- | -- | -- | Problems getting a job based on English skills |


| A | B | C | D | E | QUESTION WORDING |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 113c | 94 c | -- | -- | -- | Problems getting higher pay based on English |
| 113d | 94d | -- | -- | -- | Problems applying to college based on English |
| 113 e | 94e |  | -- | -- | Problems applying to jr. college based on Eng. |
| 113 f | 94f |  | -- |  | Problems applying to trade school based on Eng. |
| 113 g | 94 g | -- |  | -- | Problems of acceptance to college based on Eng. |
| 113h | 94h | -- | -- |  | Problems of acceptance to jr. coll. from Eng. |
| 113 i | 94i |  |  |  | Problems of acceptance at trade school for Eng. |
| 113j | 94j |  | -- | -- | Problems of good grades at coll. based on Eng. |
| 113k | 94k | -- |  |  | Problems of good grades at trade schl. from Eng. |
| 114 | -- | -- |  | -- | Date of high school graduation |
| 115a | -- | -- |  |  | Graduated early to apply to college early |
| 115b | -- | - | -- |  | Graduated early to start a job or join military |
| 115c | -- |  |  |  | Graduated early because of boredom at HS |
| 115d | -- | -- |  |  | Graduated early to move to another city |
| 115e | -- | -- |  | -- | Graduated early to start a family |
| 115 f | - |  | - | -- | Graduated early for other reasons |
| 116a | - | -- |  | -- | School counselor help decide to graduate early |
| 116b | - |  | -- | -- | Teacher help decide to graduate early |
| 116c | - |  | -- |  | Parents help decide to graduate early |
| 116d | -- |  | -- |  | Relative help decide to graduate early |
| 116e | - |  |  |  | Other help decide to graduate early |
| 117Aa | -- |  |  | -- | Went to summer school to graduate early |
| 117 Ab | -- | -- | -- |  | Took extra courses to graduate early |
| 117Ac | - | -- |  | -- | Got AP/tested out of courses to graduate early |
| 117A | -- | -- |  | -- | Got accepted to college to graduate early |
| 117 Ae | -- | -- |  | -- | Passed a test to graduate early |
| 117B |  | .- |  |  | What did you do to finish high school |
| 118a | - | -- | -- | -- | Working for pay as of 02-01-92 |
| 118b | - |  |  |  | Taking courses at 2 or 4 year school 02-01-92 |
| 118c | -- |  |  |  | Taking courses at trade school 02-01-92 |
| 118d | -- |  | -- |  | In a training program as of 02-01-92 |
| 118e | -- |  |  | -- | On active duty in military as of 02-01-92 |
| 118 f | - | -- | -- | -- | A homemaker as of 02-01-92 |
| 118 g | -- | -- | - | -- | On temporary layoff from job as of 02-01-92 |
| 118h | -- | -- |  | -- | Looking for work as of 02-01-92 |
| 118 i | -- |  | -- | -- | Taking a break from work as of 02-01-92 |
| 119 | 44a |  | 73 |  | Between high school and now, held FT job |
| 120 | 44b | -- | -- |  | Months and years when you worked at all |
| 121a | 45a | -- | 76 | -- | Description of current or most recent job |
| 121b | 45b | -- |  | -- | What kind of job or occupation do you have |
| 121c | 45c | -- | -- | -- | What kind of business or industry is this in |
| 121d | 45d |  |  | -- | What are your main activities or duties |
| 122 | 45e |  | -- | -- | Date began at most recent or current job |
| 123 | 45 g | -- | -- | -- | Date left most recent job |
| 124 | 23 |  |  | -- | Post high school enrollment |
| 125 | -- | -- | -- | - | Dates of any post high schl. class enrollment |
| 126 | -- | -- | -- | -- | Name of most recent or current school |


| A | B | C | D | E | OUESTION WORDING |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 126a | - | - | - | - |  |
| 126b | - | - | - | - | Applied for financial aid |
| 127a | - | - | - | - | Awarded financial aid |
| 127b | - | - | - | - | Attendance at any other school |
| 127Ba | - | - | - | - | Name and location of other school attended |
| 127Bb | - | -- | - | - | Applied for financial aid |
| Awarded financial aid |  |  |  |  |  |

## Appendix F

## NELS:88 Second Follow-Up

Followback Study of Excluded Students: Screeners

DATE: / /92
FI NAME: $\qquad$ FI ID: $\| \perp \quad|\quad| \quad \mid \quad 1$

STUDENT ID: \|_
student Name: $\qquad$
SCHOOL NAME: $\qquad$
CONTACT NAME: $\qquad$

## ASK TO SPEAK TO A GUIDANCE COUNSELOR

Hello, this is $\qquad$ calling from the National Opinion Research Center at the University of Chicago. I'm calling regarding the Second Follow-Up to the National Education Longitudinal Study of 1988. We are currently following up on students who were excluded from the student sample in 1988 or 1990 because of a language barrier or physical or mental disability. We are attempting to locate the students to determine whether they are eligible for the survey. We think that one/some of these students may be enrolled in your school, and I would like to ask you a few questions about him/her/them.

1. Is (STUDENT) currently enrolled in your school?

No, he/she dropped out (has had 20 or more
consecutive unexcused absences)............ 2 SKIP TO QUESTION 3A
No, he/she transferred to another school .... ... 3 GO TO QUESTION 2
No -- OTHER (home-study, eariv graduate, institutionalized, etc.) SPECIFY BELOW ....... 4 SKIP TO QUESTION 3A
2. What is the name and location of the school to which the student transferred?

NAME OF SCHOOL: $\qquad$ CITY $\qquad$ STATE $\qquad$

## GO TO QUESTION 3A

3A. In what grade was (STUDENT) when he/she left your school?
GRADE: $\qquad$
Not assigned a grade-level ... 1

3B. When did he/she last attend your school?

4. Did (STUDENT) have 20 or more consecutive unexcused absences between March 1,1991 and December 15,1991?


5A. During which month and year did he/she first stop attending school?

$$
\frac{1}{M O N T H}\left|\quad-19 \frac{1}{Y \text { YEA席 }}\right| \quad \text { (DROPOUT DATE) }
$$

5B. In what grade was (STUDENT) at that time?
GRADE: $\qquad$ |__|

Not assigned a grade-level .... 1
6. Did he/she return to school, and it so, during which month and year?

Yes ........ 1 DROP-IN DATE: $\left.\left|\frac{\mid}{M O N T H}\right| .19 \frac{1}{Y E A} \right\rvert\, \rightarrow$ GOTO QUESTION 7A

No ..... ... 2 SKIP TO BOX AT BOTTOM OF PAGE

7A. Did he/she stop attending school again at some later point, and if so when?

Yes....... 1 DROPOUT DATE: $\left.\left.\right|_{\overline{M O N T H}}\right|^{-19 I} \frac{\|->\text { GOTO QUESTION 7B }}{\text { YEAR }}$
No ......... 2 SKIP TO BOX BELOW
78. In what grade was (STUDENT) at that time?

GRADE: 1 _
Not assigned a grade-level .... 1
COLLECTING REMAINING DROPOUT/INDATES, IF NECESSARY. THEN GO TO BOX BELOW

[^0]FI NAME: $\qquad$
student ID:| $\qquad$
 1 $\qquad$ 1 _1
student Name: $\qquad$
school NAME: $\qquad$
CONTACT NAME: $\qquad$
Now I would like to ask a few questions that will help us determine whether (STUDENT) is eligible for the Second Follow-L of NELS:88. NOTE: IF THE STUDENT IS NOT CURRENTLY ENROLLED IN THE SCHOOL, YOU WILL NEED TO MAK the Appropriate changes in Verb tense in the screener questions, and may need to substitute "MOSTRECENT" FOR "1991-92' IN QUESTIONS 1 AND 5.

1. Was (STUDENT'S) 1991-92 (most recent) reading score in ENGLISH below the eighth grade level?

Yes ..................... 1 GO TO QUESTION 2
No ........................ 2 GO TO QUESTION 2
Unable to assign
a grade level to score .......
3
GO TO QUESTION 2
No reading score
available from 91-92....... 4
SKIP TO QUESTION 3
FI ID: $\qquad$ $1 \ldots 1$ - $\qquad$ I__ $1 \ldots 1$ 1

ALSO RECORD ANSWER, VERBATIM
5. Was his/her 1991-92 (mostrecent) reading score in Spanish below the eighth grade level?

| Yes $\ldots \ldots \ldots \ldots \ldots \ldots .1$ | GO TO QUESTION 6 |
| :--- | :--- |
| No $\ldots \ldots \ldots \ldots \ldots \ldots . .$. | GO TO QUESTION 6 |
| Unable to assign <br> a grade level to score $\ldots \ldots .3$ |  |
| No reading score <br> available from $91-92 \ldots \ldots .4$ | SKIP TO QUESTION 6 |

ALSO RECORD ANSWER, VERBATIM
6. What was that score? (WRITE IN BELOW)

## IF BELOW EIGHTH GRADE, SKIP TO Q9. IF EQUAL TO OR HIGHER THAN EIGHTH GRADE, SKIP TO Q9. IF UNABLE TO ASSIGN A GRADE LEVEL TO THE SCORE, GO TO Q7.

7. Do you feel that (STUDENT) is capable of completing a questionnaire designed for students who read Spanish at the eighth grade level?

Yes ....................... 1
No .......................... 2
also record answer, verbatim $\qquad$

NOW SKIP TO QUESTION 9
8. Is (STUDENT) a native speaker of any language other than English or Spanish?

9. Does (STUDENT) suffer from any behavior disorder, severe cognitive deficit, or severe physical impairment that would make it necessary for one to use extraordinary measures to administer the questionnaire, such as oral administration versus self-administration, a large print or Braille version of the questionnaire, or other extraordinary special assistance?

| Yes $\ldots \ldots \ldots \ldots \ldots$ |  |
| :--- | :--- |
| No $\ldots \ldots \ldots \ldots \ldots$ | GO TO QUESTION 10 |
| 10 |  |

10. Please specify the behavior disorder, severe cognitive deficit, or physical impairment:

RECORD ANSWER, VERBATIM
11. Please specify the extraordinary measures that would be needed to administer the questionnaire:

RECORD ANSWER. VERBATIM
$\qquad$
$\qquad$
$\qquad$
12. In what grade is (STUDENT)?

GRADE:


Not assigned a grade-level . . 1
13. What is (STUDENTS) sex?

Male $\ldots . .1$
Female .... 2
14. Of the following choices, which best describes (STUDENT)? (CIRCLE ONE)

Asian or Pacific Islander ........... 1
Hispanic, regardless of race ...... 2
Elack, not of Hispanic origin ...... 3
White, not of Hispanic origin ...... 4
American Indian or Alaskan Native 5
15. What are his/her home phone number, address, and parents' names, according to your most recent records? ADDRESS $\qquad$
CITY
STATE $\qquad$ ZIP
CODE $1 \perp 1 \perp 1$
MOTHER/FEMALE GUARDIAN'S NAME $\qquad$
FATHER/MALE GUARDIAN'S NAME
PHONE NUMBER () $\qquad$
16. Finally, I would like to make sure that I have the correct address for your school.

ADDRESS $\qquad$
CITY
STATE $\qquad$ ZIP CODE IL $\qquad$ PHONE NUMBER ()

Use this screener to:

1. verify the enrollment status and confirm the dropout/dropin dates of sample members reported to be Phase One-Two dropouts. START AT QUESTION 1.
2. verify the enrollment status and confirm the dropout/dropin dates of sample members reported to be Phase Three dropouts. START AT QUESTION 7. (IF A PHASE ONE-TWO AND PHASE THREE DROPOUT, START AT QUESTION 1.)
3. determine the current enrollment status of and the school most recently attended by BYI's who were not enrolled in school as of the First Follow-Up. START AT QUESTION 7.

DATE: / /92
FI NAME: $\qquad$ FI ID: $\qquad$
$\qquad$
$\qquad$

STUDENT ID: 1
STUDENT NAME: $\qquad$

CONTACT NAME: $\qquad$
IF NOT SAMPLE MEMBER,RELATION TO SAMPLE MEMBER:

## ASK TO SPEAK TO THE STUDENT (ORPARENT/GUARDIAN-MODIFY QUESTIONS AS NECESSARY)

A. Hello, this is $\qquad$ calling from the National Opinion Research Center at the University of Chicago. I'm calling regarding the Second Follow-Up to the National Education Longitudinal Study of 1988. We are currently following up on some of our sample members, and l'd like to ask you a few questions about your enrollment in school.

1. Were you out of school for a month or more for a reason other than illness or vacation between March 1, 1991 and December 15, 1991?
Yes $\ldots \ldots \ldots \ldots . . .1$ SKIP TO QUESTION 4 (SAMPLE MEMBER ISA PHASE ONE-TWO DROPOUT)
NO $\ldots \ldots \ldots \ldots . . .2$ GO TO QUESTION 2
2. Your school records from (SCHOOL) indicate that you first left that school in (DROPOUT DATE REPORTED BY SCHOOL). Did you transfer to another school, and if so, when?

3. What is the name and location of the school to which you transferred?

NAME OF SCHOOL $\qquad$ PIN: $\qquad$
CITY: $\qquad$ STATE: $\qquad$
SAMPLE MEMBER IS A PHASE ONE-TWO STUDENT. SKIP TO QUESTION 7.
4. During which month and year did you first leave school for a month or more for reason other than illness or vacation?
${ }^{\prime} \overline{M O N T H} \left\lvert\,-19 \frac{\overline{Y E A R}}{}\right.$
(EARLIEST DROPOUT DATE)
5. Did you return to school, and if so, during which month and year?

No $\ldots \ldots \ldots \ldots . .2$ SKIP TO QUESTION 8 (SAMPLE MEMBER ISA PHASE THREE DROPOUT)

6A. Did you leave school again for a month or more at some later point, and if so, when?
Yes. ......... 1 DROPOUT DATE: $\frac{\left|\frac{1}{\text { MONTH }} 19 \|\right|-\frac{\text { GO }}{\text { YEAR }} \quad \text { TO QUESTION } 6 B ~}{\text { 6B }}$
No ........... 2 SKIP TO QUESTION 8 (SAMPLE MEMBER IS A Phase three STUDENT)

6B. Did you return to school, and if so, during which month and year?

No ........ 2 SKIP TO QUESTION 8 (SAMPLE MEMBER IS A PHASE THREE DROPOUT)
7. Are you currently attending school?

Yes.................. 1 GO TO QUESTION 8
No ., ............ ... 2 GO BACK TO QUESTION 4 (SAMPLE MEMBER IS A PHASE THREE DROPOUT)
8. What is the name and location of the school you are currently attending/most recently attended?

NAME OF SCHOOL $\qquad$ $\mathrm{PIN}: \mid$ __ $\mid$ _ $\mid$ ___ $\mid$ CITY: $\qquad$ STATE: $\qquad$
NOW GO TO PARAGRAPH B
B. Thank youvery much for your assistance. Another representative from the National Opinion Research Center may be contacting you shortly about NELS:88.


[^0]:    SCREEN FOR ENROLLMENT FOR EACH EXCLUDED STUDENT REPORTED TO ATTEND THE SCHOOL. THEN ADMINISTER THE ELIGIBILITY SCREENER FOR EACH STUDENT WHO IS REPORTED TO BE A DROPOUT, AN ENROLLED STUDENT, OR AN "OTHER' IN QUESTION 1.

    DO NOT ADMINISTER THE ELIGIBILITY SCREENER FOR STUDENTS WHO HAVE TRANSFERRED TO ANOTHER SCHOOL YOU WILL INSTEAD CONTACT THE NEW SCHOOL AND ADMINISTER THE ENROLLMENT AND ELIGIBILITY SCREENERS FOR THAT STUDENT.

