

National Center for Education Statistics PowerStats

Study Name: *Education Longitudinal Study of 2002, High School Sophomores (ELS:2002)*

Name: BY10FLP

Label: Percent of 10th graders receiving free lunch

Description: Percent of 10th graders receiving free or reduced price lunch.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	21.10	0-5 percent
2	10.00	6-10 percent
3	17.40	11-20 percent
4	14.25	21-30 percent
5	14.36	31-50 percent
6	8.09	51-75 percent
7	5.28	76-100 percent
-9	9.52	{Missing}

Weight used in frequency: (WTA000)

Notes: Percentages categorized for public use file.

1. 0-5% receive free, reduced-price lunch

2. 6-10% receive free, reduced-price lunch

3. 11-20% receive free, reduced-price lunch

4. 21-30% receive free, reduced-price lunch

5. 31-50% receive free, reduced-price lunch

6. 51-75% receive free, reduced-price lunch

7. 76-100% receive free, reduced-price lunch

BY10FLP is taken from the school file and replicated across each student belonging to that school.

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYA14B

Label: % 10th-graders in college prep program

Description: Indicates the percentage of 10th-graders in a college prep program.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	78.34	Positive values, see statistics below
0	5.20	Zero
-4	1.02	{Nonrespondent}
-5	0.48	{Out of range}
-7	10.95	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}

-9	4.01	{Missing}	
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Minimum	Maximum	Average	Standard Deviation
1.00	100.00	62.05	29.21

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYA20

Label: Percent of 10th graders who have limited or no English proficiency

Description: Indicates the percent of 10th graders who have limited or no English proficiency.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	61.44	Positive values, see statistics below
0	33.12	Zero
-4	1.02	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.42	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	61.00	7.24	9.79

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYA51A

Label: Student morale is high

Description: Indicates whether student morale is high.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
2	2.45	Between not at all and somewhat accurate
3	18.65	Somewhat accurate
4	43.91	Between somewhat and very accurate
5	18.27	Very accurate
-4	1.02	{Nonrespondent}
-7	10.95	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.74	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYA51C

Label: Teacher morale is high

Description: Indicates whether teacher morale is high.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.73	Not accurate at all
2	6.07	Between not at all and somewhat accurate
3	20.81	Somewhat accurate
4	42.57	Between somewhat and very accurate
5	13.19	Very accurate
-4	1.02	{Nonrespondent}
-7	10.95	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.65	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYACCLIM

Label: Academic climate scale

Description: A scale of the base year school administrator's perceptions of the school's academic climate where higher values represent a more academically oriented climate.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	83.05	Positive values, see statistics below
-4	1.02	{Nonrespondent}
-9	15.93	{Missing}

Minimum	Maximum	Average	Standard Deviation
-0.63	0.27	-0.01	0.15

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the base-year school administrator's perceptions of the school's academic climate. Higher values represent perceptions of a more academically-oriented climate. Variable was created through principal factor analysis, weighted by BYSCHWT. Only administrators who provided a full set of responses were assigned a scale value, which was then linked to all students within the sampled school. To distinguish administrator-based scales from student-based scales, this variable was not standardized. The coefficient of reliability (alpha) for the scale is 0.86. Note: This composite is constructed from Administrator Questionnaire variables; thus, values of -4 (nonrespondent), -8 (survey component legitimate skip), and -9 refer to missing data from the Administrator Questionnaire.

Applies to: All sample members with a School Administrator Questionnaire respondent.

Name: BYACTCTL

Label: General effort and persistence scale

Description: A scale of the respondent's self-rated effort and persistence in 2002 where higher values represent greater ratings of effort and persistence

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	68.79	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	31.21	{Missing}

Minimum	Maximum	Average	Standard Deviation
-2.42	1.70	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the respondent's self-rated effort and persistence in the base year. Higher values represent greater ratings of effort and persistence. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.89.

Applies to: All base year respondents.

Name: BYCONEXP**Label:** Control expectation scale

Description: A scale of the respondent's success expectations in 2002 where higher values represent greater expectations of success in academic learning.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	68.84	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	31.16	{Missing}

Minimum	Maximum	Average	Standard Deviation
-2.52	1.58	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the respondent's success expectations in the base year. Higher values represent greater expectations of success in academic learning. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.84.

Applies to: All base year respondents.

Name: BYENGLSE**Label:** English self-efficacy scale: Base year

Description: A scale of the respondent's self-efficacy in English in 2002 where higher values represent greater self-efficacy.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
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Continuous	70.48	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	29.52	{Missing}

Minimum	Maximum	Average	Standard Deviation
-2.20	1.60	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the respondent's self-efficacy in English in the base year. Higher values represent greater self-efficacy. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.93.

Applies to: All base year respondents.

Name: BYFRGRIM

Label: Number of 10th grader's friends who consider grades very important

Description: Indicates how many of the 10th grader's three best friends considered grades to be very important as of 2002.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	20.50	0
1	27.79	1
2	19.70	2
3	18.07	3
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	13.94	{Missing}

Weight used in frequency: (WTA000)

Notes: Base year respondents were asked to indicate the importance of good grades to each of their three best friends (i.e., whether each friend considered good grades to be "not at all important," "somewhat important," or "very important"); this variable indicates the number of these three best friends who considered good grades to be "very important". This variable is calculated only for respondents who provided information for all three friends.

Applies to: All base year respondents.

Name: BYFRRACE

Label: Number of 10th grader's friends who are of a different race

Description: Indicates how many of the 10th grader's three best friends were of a different race in 2002.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	52.20	0
1	16.62	1
2	7.74	2

3	8.98	3
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	14.47	{Missing}

Weight used in frequency: (WTA000)

Notes: Base year respondents were asked to provide the race of up to three of their best friends; this variable indicates the number of these three best friends who are of a different race than the sample member. This variable is calculated only for respondents who provided information for all three friends.

Applies to: All base year respondents.

Name: BYG10EP

Label: Grade 10 enrollment 2001-2002

Description: The tenth grade enrollment of the school from the sampling roster in 2001-2002 school year.

Source: ELS:2002 Sampling Data

Descriptive Statistics:

Value	Percentage	Value label
1	12.47	1-99 students
2	13.65	100-199 students
3	16.10	200-299 students
4	16.42	300-399 students
5	20.53	400-549 students
6	11.64	550-699 students
7	9.20	700 or more students

Weight used in frequency: (WTA000)

Notes: Categorical version of variable for public use file. (Continuous variable is available on the restricted use file.) BYG10EP is taken from the school file and replicated across each student belonging to that school.

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYGNSTAT

Label: Generational status

Description: Indicates the generational status of the student based on the parents' origins.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	7.29	SM born in Puerto Rico or non-US country
2	8.90	SM born in US; mother born in PR/non-US
3	70.45	SM and mother both born in US
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.96	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates whether the sample member is- (1) newly immigrated (i.e., the sample member was born Puerto Rico or a non-US country, regardless of their mother's birthplace); (2) first generation (i.e., the sample member was born in the United States, but his/her mother was born in Puerto Rico or a non-US country); or, (3) second or more generation (i.e., both the sample member and their mother were born in the US). This composite is constructed from parent

questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYGPARED

Label: Highest reported level of education among parents' parents

Description: Indicates the highest level of education for any student's grandparent as reported by the sample member's parent or parent's partner.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	13.15	Did not finish high school
2	28.68	Graduated from high school or GED
3	4.37	Attended 2-year school, no degree
4	5.18	Graduated from 2-year school
5	4.05	Attended college, no 4-year degree
6	12.76	Graduated from college
7	5.18	Completed Master's degree or equivalent
8	3.64	Completed PhD, MD, advanced degree
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	10.59	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates the highest reported level of education reported for any parent of (1) the sample member's parent respondent, or (2) the parent respondent's partner. This composite is constructed from parent questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Note: BYGPARED is set to a nonmissing value if education level is missing for at least one of the sample member's parents' parents. It should also be noted that the sample member's parent respondent (and/or the parent respondent's partner) are not necessarily the sample member's biological parents; thus, BYGPARED does not necessarily indicate the highest level of education reached among the sample member's biological grandparents.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYGRDRPT

Label: Number of grades repeated (K-10)

Description: Indicates the number of grades in which the student was held back between Kindergarten and 10th grade.

Source: Base Year Parent Questionnaire; First Follow-Up New Participant Supplement

Descriptive Statistics:

Value	Percentage	Value label
0	71.11	Has not repeated a grade K-10
1	8.96	Repeated one grade K-10
2	0.74	Repeated two or more grades K-10
97	0.56	Has repeated a grade, unknown how many
98	18.64	Unable to collect info from parent
99	0.00	Unable to collect info from student

Weight used in frequency: (WTA000)

Notes: Indicates the number of grades in which the sample member was held back between Kindergarten and 10th grade.

Applies to: All sample members.

Name: BYHISPOR

Label: Highest level of participation in interscholastic athletics

Description: Indicates the student's highest level of participation in interscholastic athletics during the 2001-2002 school year.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	43.31	Did not participate
1	18.56	Junior varsity participation
2	25.09	Varsity participation
3	6.20	Varsity captain
99	1.04	Stu reports no sports programs at school
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	5.80	{Missing}

Weight used in frequency: (WTA000)

Notes: Constructed based on a set of 8 interscholastic sports, and indicates the respondent's highest level of participation during the 01-02 school year. The 8 sports used as inputs for this variable are- baseball, softball, basketball, football, soccer, "other interscholastic team sport," "individual interscholastic team sport," and cheerleading/drill team. If a respondent reports "no interscholastic team" for each of these 8 inputs, they are coded as BYHISPOR=99 (Student reports no sports programs at school).

Applies to: All base year respondents.

Name: BYHMWRK

Label: Hours per week spent on homework in and out of school: base year

Description: Indicates the number of hours per week the student spent working on homework both in school and out of school as of 2002.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	94.22	Positive values, see statistics below
0	1.46	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.33	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	99.00	13.80	20.31

Weight used in frequency: (WTA000)

Notes: Indicates the number of hours per week the respondent spends working on homework both in-school and out-of-school, as of the base year.

Note: Time spent on homework in-school and time spent on homework out-of-school were asked as separate questions in the base year questionnaire; these two variables were top-coded at 21 and 26 hours, respectively. BYHMWRK values of 97, 98, and 99 indicate that at least one of these input values was top-coded for the respondent, and therefore a more precise value cannot be calculated.

Applies to: All base year respondents.

Name: BYHOMLIT

Label: Home literacy resources

Description: Indicates how many of the following literacy resources the student's family had at home as of the base year- more than 50 books, a daily newspaper, or a regularly received magazine.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.91	Family has none of these resources
1	13.87	Family has one of these resources
2	26.38	Family has two of these resources
3	41.73	50+ books, daily paper, regular magazine
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	13.10	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates how many of the following literacy resources the base-year respondent's family has in-home- more than 50 books, a daily newspaper, or a regularly received magazine.

Applies to: All base year respondents.

Name: BYINCOME

Label: Total family income

Description: Indicates the total family income from all sources in 2001 as reported by the parent.

Source: ELS:2002 Parent Questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.44	None
2	1.17	\$1,000 or less
3	1.84	\$1,001-\$5,000
4	2.18	\$5,001-\$10,000
5	4.38	\$10,001-\$15,000
6	5.01	\$15,001-\$20,000
7	6.52	\$20,001-\$25,000
8	12.40	\$25,001-\$35,000
9	19.57	\$35,001-\$50,000
10	20.73	\$50,001-\$75,000
11	12.93	\$75,001-\$100,000
12	10.12	\$100,001-\$200,000

13	2.73	\$200,001 or more
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Weight used in frequency: (WTA000)

Notes: BYINCOME was previously named INCOME on the BY ECB. Family income- the primary source was question BYP85 in the parent questionnaire. If missing, the value was imputed (in the base year for base year respondents; in the first follow-up for others). See section 3.3 of the Base Year Data File User's Manual for a discussion of the imputation procedures.

BYP85 item wording: 85. Which category does your total family income from all sources in 2001 fall into? (If you are not sure about the amount, please estimate.) (MARK ONE RESPONSE) None \$1,000 or less \$1,001 - \$5,000 \$5,001 - \$10,000 \$10,001 - \$15,000 \$15,001 - \$20,000 \$20,001 - \$25,000 \$25,001 - \$35,000 \$35,001 - \$50,000 \$50,001 - \$75,000 \$75,001 - \$100,000 \$100,001 - \$200,000 \$200,001 or more

Name: BYINSTMO

Label: Instrumental motivation scale

Description: A scale of the student's motivation to perform well academically in order to attain external goals.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	70.34	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	29.66	{Missing}

Minimum	Maximum	Average	Standard Deviation
-1.99	1.58	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the base-year respondent's instrumental or extrinsic motivation, i.e., motivation to perform well academically in order to satisfy external goals like future job opportunities or financial security. Higher values represent greater instrumental motivation. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.85.

Applies to: All base year respondents.

Name: BYLGRRPT

Label: Last grade repeated (K-10)

Description: Indicates the last grade repeated by the student between Kindergarten and 10th grade.

Source: Base Year Parent Questionnaire; First Follow-Up New Participant Supplement

Descriptive Statistics:

Value	Percentage	Value label
0	1.85	Kindergarten
1	2.38	1st grade
2	0.93	2nd grade
3	0.72	3rd grade
4	0.30	4th grade
5	0.47	5th grade
6	0.36	6th grade
7	0.44	7th grade

8	0.43	8th grade
9	0.75	9th grade
10	1.07	10th grade
97	0.56	Has repeated a grade, unknown which one
98	18.64	Unable to collect info from parent
99	0.00	Unable to collect info from student
-3	71.11	{Item legitimate skip/NA}

Weight used in frequency: (WTA000)

Notes: Indicates the last grade repeated by the sample member among grades Kindergarten through grade 10. Sample members are coded as -3 (legitimate skip) if they have not repeated a grade between Kindergarten and grade 10 (i.e., when BYGRDRPT = 0).

Applies to: All sample members.

Name: BYMATHSE

Label: Math: self-efficacy: base year

Description: A scale of the student's self-efficacy in math in 2002 where higher values represent greater self-efficacy.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	69.16	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	30.84	{Missing}

Minimum	Maximum	Average	Standard Deviation
-1.83	1.77	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the respondent's self-efficacy in math in the base year. Higher values represent greater self-efficacy. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.93.

Applies to: All base year respondents.

Name: BYNONUSG

Label: Number of grades completed outside U.S. (K-10)

Description: Indicates the number of grades between Kindergarten and 10th grade which the student completed outside the United States.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	76.67	0
1	2.16	1
2	0.42	2
3	0.33	3

4	0.36	4
5	0.31	5
6	0.29	6
7	0.28	7
8	0.22	8
9	0.20	9
10	0.43	10 or more
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	5.93	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates the number of grades between Kindergarten and 10th grade which the sample member completed outside the United States. This composite is constructed from parent questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYNSPORT

Label: Number of interscholastic sports participated in at V or JV level

Description: Indicates how many of the 8 interscholastic sports categories the student participated in at the varsity or junior varsity level during the 2001-2002 school year.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	43.31	0 interscholastic sports
1	24.20	1 interscholastic sport
2	14.15	2 interscholastic sports
3	6.38	3 interscholastic sports
4	3.00	4 interscholastic sports
5	1.11	5 interscholastic sports
6	0.43	6 interscholastic sports
7	0.58	7 or more interscholastic sports
99	1.04	Stu reports no sports programs at school
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	5.80	{Missing}

Weight used in frequency: (WTA000)

Notes: Constructed based on a set of 8 interscholastic sports, and indicates the number of these sports the respondent participated in during the 01-02 school year, regardless of the level of participation (junior varsity or varsity). The 8 sports used as inputs for this variable are- baseball, softball, basketball, football, soccer, "other interscholastic team sport," "individual interscholastic team sport," and cheerleading/drill team. If a respondent reports "no interscholastic team" for each of these 8 inputs, they are coded as BYNSPORT=99 (Student reports no sports programs at school); BYNSPORT is calculated for all other respondents, regardless of how many sports are reported as being offered or not

offered by the respondent's school.

Note: It is possible that respondents who reporting participating in an "other interscholastic team sport" or an "individual interscholastic team sport" may have actually participated in multiple sports in those categories (e.g., tennis and golf). Since a more detailed breakdown of sports participated in is not available, the "other interscholastic team sport" and "individual interscholastic team sport" categories can each count no more than once toward the total stored in BYNSPORT.

Applies to: All base year respondents.

Name: BYP06

Label: Number of dependents

Description: Indicates the total number of dependents the respondent's parents had as of 2002.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.75	0 dependents
1	12.85	1 dependent
2	29.14	2 dependents
3	21.93	3 dependents
4	10.06	4 dependents
5	3.64	5 dependents
6	2.05	6 dependents
7	0.73	7 dependents
8	0.70	8 or more dependents
-1	0.06	{Don't know}
-2	0.07	{Refused}
-4	12.40	{Nonrespondent}
-6	0.00	{Multiple response}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.33	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP08

Label: Total number of siblings 10th grader has

Description: Indicates the total number of siblings the 10th grader had according to the parent as of 2002.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.56	0 siblings
1	23.49	1 sibling
2	23.19	2 siblings
3	13.99	3 siblings

4	6.76	4 siblings
5	3.87	5 siblings
6	5.18	6 or more siblings
-1	0.12	{Don't know}
-2	0.05	{Refused}
-4	12.40	{Nonrespondent}
-6	0.02	{Multiple response}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.07	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP23

Label: Whether 10th-grader's birthplace in US or elsewhere

Description: Indicates whether 10th-grader's birthplace is in the US or elsewhere.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	79.98	United States
2	0.24	Puerto Rico
3	7.05	Another country/area
-1	0.00	{Don't know}
-2	0.03	{Refused}
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.30	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP45

Label: Number times 10th grader changed schools other than grade promotions

Description: Indicates the number of times the 10th grader changed schools since first grade for any reason but advancement to the next grade, according to the parent in 2002.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	36.07	0 times
1	18.69	1 time
2	9.83	2 times
3	7.84	3 times

4	4.39	4 times
5	4.23	5 or more times
-1	0.40	{Don't know}
-2	0.01	{Refused}
-4	12.40	{Nonrespondent}
-6	0.01	{Multiple response}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.84	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP49

Label: Thinks 10th-grader has disability

Description: Indicates if the parent thinks 10th-grader has a disability.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	71.54	No
1	9.91	Yes
-1	0.32	{Don't know}
-2	0.06	{Refused}
-4	12.40	{Nonrespondent}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.47	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP51

Label: 10th-grader ever had behavior problem at school

Description: Indicates if the parent thinks 10th-grader ever had a behavior problem at school.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	75.05	No
1	6.57	Yes
-1	0.10	{Don't know}
-2	0.05	{Refused}
-4	12.40	{Nonrespondent}

-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.53	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP68

Label: Safety of neighborhood

Description: Indicates the level of neighborhood safety as perceived by the parent in 2002.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	54.29	Very safe
2	23.31	Somewhat safe
3	2.52	Somewhat unsafe
4	0.60	Very unsafe
-1	0.08	{Don't know}
-2	0.04	{Refused}
-4	12.40	{Nonrespondent}
-6	0.01	{Multiple response}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.45	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP81

Label: How far in school parent expects 10th-grader will go

Description: Indicates how far in school the parent expects the 10th-grader will go.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.29	Less than high school graduation
2	6.30	High school graduation or GED only
3	10.96	Attend or complete 2-year college/school
4	3.45	Attend college, 4-year degree incomplete
5	35.01	Graduate from college
6	13.23	Obtain Master's degree or equivalent
7	11.07	Obtain PhD, MD, or other advanced degree
-1	0.50	{Don't know}

-2	0.11	{Refused}
-4	12.40	{Nonrespondent}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.37	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYP84

Label: Amount of money set aside for 10th-grader's future education

Description: Indicates the amount of money set aside for the 10th-grader's future education.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.65	None
2	4.88	\$2,000 or less
3	6.71	\$2,001-\$5,000
4	7.27	\$5,001-\$10,000
5	5.98	\$10,001-\$20,000
6	3.15	\$20,001-\$30,000
7	2.68	\$30,001-\$50,000
8	2.56	More than \$50,000
-1	0.95	{Don't know}
-2	1.42	{Refused}
-3	41.31	{Item legitimate skip/NA}
-4	12.40	{Nonrespondent}
-6	0.01	{Multiple response}
-7	5.29	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.73	{Missing}

Weight used in frequency: (WTA000)

Applies to: Respondents who did something to have money for ed past hs.

Name: BYPARACE

Label: Parent's race/ethnicity

Description: Indicates the parent's race or ethnicity.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.75	Amer. Indian/Alaska Native, non-Hispanic

2	3.67	Asian, Hawaii/Pac. Islander, non-Hispanic
3	12.11	Black or African-American, non-Hispanic
4	5.21	Hispanic, no race specified
5	6.96	Hispanic, race specified
6	1.26	More than one race, non-Hispanic
7	56.33	White, non-Hispanic
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	13.71	{Missing}

Weight used in frequency: (WTA000)

Notes: BYPARACE was previously named PARACE on the BY ECB. Parent race/ethnicity from parent questionnaire (questions 13, 15). Categories for this composite- White, non-Hispanic; Black or African-American, non-Hispanic; Hispanic, race specified; Hispanic, no race specified; Asian/Native Hawaiian or other Pacific Islander, non-Hispanic; American Indian or Alaska Native, non-Hispanic; More than one race, non-Hispanic. Native Hawaiian or other Pacific Islander category was combined with Asian category for public use file.

Name: BYPARASP

Label: How far in school parent wants 10th grader to go

Description: Indicates what level of schooling the parent would like their 10th grader to ultimately attain.

Source: ELS:2002 Parent Questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.07	Less than high school graduation
2	3.97	High school graduation or GED only
3	8.58	Attend or complete 2-year college/school
4	1.00	Attend college, 4-year degree incomplete
5	45.20	Graduate from college
6	19.92	Obtain Master's degree or equivalent
7	21.26	Obtain PhD, MD, or other advanced degree

Weight used in frequency: (WTA000)

Notes: BYPARASP was previously named PARASPIR on the BY ECB. How far in school the parent wants their 10th-grader to go. Based on BYP79 from parent questionnaire. If missing, the composite variable was imputed. See section 3.3 of the Base Year Data File User's Manual for a discussion of the imputation procedures.

BYP79 item wording: 79. How far in school do you want your 10th-grader to go? Please mark only the highest level that applies. (MARK ONE RESPONSE) Less than high school graduation (SKIP TO QUESTION 81 on PAGE 28) High school graduation or GED only (SKIP TO QUESTION 81 on PAGE 28) Attend or complete a 2-year school course in a community or vocational school Attend college, but not complete a 4-year degree Graduate from college Obtain a master's degree or equivalent Obtain a Ph.D., M.D., or other advanced degree

Name: BYPARLNG

Label: Parent's native language

Description: Indicates parent's native language.

Source: ELS:2002 Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label

1	73.71	English
2	7.73	Spanish
3	0.65	Other European language
4	0.67	West/South Asian language
5	1.64	Pacific Asian/Southeast Asian language
6	1.13	Other language
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	14.46	{Missing}

Weight used in frequency: (WTA000)

Notes: BYPARLNG was previously named PARLANG on the BY ECB. Parent language recoded for confidentiality reasons. Values- English, Spanish, Other European Language, West/South Asian Language, Pacific Asian/Southeast Asian Language, Other Language.

Name: BYPLANG

Label: Parent's English fluency

Description: Indicates the parent's level of English fluency regardless of native language as of 2002.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.74	Not fluent
1	0.59	Partially fluent
2	5.44	Fluent
3	1.29	Non-native Engl speaker, fluency unknown
4	73.71	Native English speaker
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.82	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates whether the sample member's parent respondent is a native English speaker, as well as the English fluency level of non-native speakers. Sample members' parents are coded as "partially fluent" if they report speaking and understanding English well or very well. Sample members' parents are coded as "fluent" if, in addition to reporting that they speak and understand English well or very well, they report reading and writing English well or very well. This composite is constructed from parent questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYREGCTL

Label: School type: Region by control

Description: Indicates type of school based on geographic region and control.

Source: ELS:2002 sampling data (Common Core of Data, 1999-2000; Private School Survey, 1999-2000)

Descriptive Statistics:

Value	Percentage	Value label
1	16.65	Northeast public

2	1.33	Northeast Catholic
3	0.55	Northeast other private
4	22.29	Midwest public
5	1.25	Midwest Catholic
6	0.62	Midwest other private
7	31.87	South public
8	0.96	South Catholic
9	1.49	South other private
10	21.57	West public
11	0.70	West Catholic
12	0.73	West other private

Weight used in frequency: (WTA000)

Notes: This variable characterizes the sample member's base year school in terms of geographic region and school control, as indicated in the source data for sampling- the Common Core of Data (CCD) 1999-2000 and the Private School Survey (PSS) 1999-2000.

Applies to: All sample members.

Name: BYREGION

Label: Geographic region of school

Description: Indicates the geographic region of sample member's base year school.

Source: ELS:2002 Sampling Data

Descriptive Statistics:

Value	Percentage	Value label
1	18.53	Northeast
2	24.16	Midwest
3	34.31	South
4	23.00	West

Weight used in frequency: (WTA000)

Notes: Region of school as indicated in the source data for sampling: the Common Core of Data (CCD) 1999-2000 and the Private School Survey (PSS) 1999-2000.

1 Northeast

2 Midwest

3 South

4 West

BYREGION is taken from the school file and replicated across each student belonging to that school.

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYREGURB

Label: School type: Region by urbanicity

Description: Indicates type of school based on geographic region and urbanicity.

Source: ELS:2002 sampling data (Common Core of Data, 1999-2000; Private School Survey, 1999-2000)

Descriptive Statistics:

Value	Percentage	Value label
1	4.62	Northeast urban
2	10.73	Northeast suburban

3	3.17	Northeast rural
4	6.54	Midwest urban
5	12.36	Midwest suburban
6	5.27	Midwest rural
7	10.81	South urban
8	14.90	South suburban
9	8.60	South rural
10	8.18	West urban
11	12.29	West suburban
12	2.52	West rural

Weight used in frequency: (WTA000)

Notes: This variable characterizes the sample member's base year school in terms of geographic region and urbanicity, as indicated in the source data for sampling- the Common Core of Data (CCD) 1999-2000 and the Private School Survey (PSS) 1999-2000.

Applies to: All sample members.

Name: BYRISKFC

Label: Number of academic risk factors in 10th grade

Description: Indicates how many out of 6 academic risk factors are associated with the 10th grader.

Source: Base Year Parent Questionnaire; Imputation; Base Year Student Questionnaire; First Follow-Up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	31.80	No risk factors
1	24.94	One risk factor
2	12.86	Two risk factors
3	5.84	Three risk factors
4	2.38	Four risk factors
5	0.56	Five or six risk factors
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	9.22	{Missing}

Weight used in frequency: (WTA000)

Notes: This variable indicates the number of academic risk factors associated with each sample member. Academic risk factors include whether the sample member- (1) comes from a single-parent household; (2) has two parents without a high school diploma; (3) has a sibling who has dropped out of school; (4) has changed schools two or more times (excluding changes due to school promotions); (5) has repeated at least one grade; and (6) comes from a household with an income below the federal threshold for poverty. Households are considered impoverished if family income is \$20,000 or less and household size is 5 or less; \$25,000 or less if household size is 6 or 7; \$35,000 or less if household size is 8; and \$50,000 or less if household size is 9 or more.

Note: Three of the six risk factors counted in this variable are based on imputed variables, which therefore contain no missing values (F1FCOMP, F1PARED, and BYINCOME). The remaining three risk factors are based on Parent Questionnaire variables; BYRISKFC values of -4 (nonrespondent) and -8 (survey component legitimate skip) therefore refer to missing data from the Parent Questionnaire.

Applies to: All sample members.

Name: BYS20B

Label: There is real school spirit

Description: Indicates whether the respondent felt there is real school spirit at his or her base year school.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	15.77	Strongly agree
2	50.32	Agree
3	23.84	Disagree
4	5.11	Strongly disagree
-4	0.00	{Nonrespondent}
-6	0.15	{Multiple response}
-7	3.73	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.07	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS20J

Label: Does not feel safe at this school

Description: Indicates whether the respondent does not feel safe at his or her base year school.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	2.85	Strongly agree
2	8.42	Agree
3	47.48	Disagree
4	35.79	Strongly disagree
-4	0.00	{Nonrespondent}
-6	0.17	{Multiple response}
-7	3.73	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.56	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54A

Label: Importance of being successful in line work

Description: Indicates during base year how much the respondent feels it is important to be successful in his or her line of work.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.23	Not important
2	11.95	Somewhat important
3	82.91	Very important
-4	0.00	{Nonrespondent}
-6	0.06	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.85	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54B

Label: Importance of marrying right person/having happy family

Description: Indicates during base year how much the respondent feels it is important to marry the right person/have a happy family.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	4.62	Not important
2	17.98	Somewhat important
3	73.42	Very important
-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.10	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.88	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54C

Label: Importance of having lots of money

Description: Indicates during base year how much the respondent feels it is important to have lots of money.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	8.02	Not important
2	47.44	Somewhat important
3	40.30	Very important
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.19	{Multiple response}

-8	0.00	{Survey component legitimate skip/NA}
-9	4.03	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54D

Label: Importance of having strong friendships

Description: Indicates during base year how much the respondent feels it is important have strong friendships.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.57	Not important
2	14.89	Somewhat important
3	79.21	Very important
-4	0.00	{Nonrespondent}
-6	0.05	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.28	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54E

Label: Importance of being able to find steady work

Description: Indicates during base year how much the respondent feels it is important to be able to find steady work.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.56	Not important
2	13.33	Somewhat important
3	80.19	Very important
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.28	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.63	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54F

Label: Importance of helping others in community

Description: Indicates during base year how much the respondent feels it is important to help others in his or her community.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	7.49	Not important
2	53.33	Somewhat important
3	34.83	Very important
-4	0.00	{Nonrespondent}
-6	0.10	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.27	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54G

Label: Importance of giving children better opportunities

Description: Indicates during base year how much the respondent feels it is important to give his or her children better opportunities than they had.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	3.17	Not important
2	15.66	Somewhat important
3	76.64	Very important
-4	0.00	{Nonrespondent}
-6	0.12	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.41	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54H

Label: Importance of living close to parents/relatives

Description: Indicates during base year how much the respondent feels it is important to live close to his or her parents/relatives.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	15.86	Not important
2	51.28	Somewhat important
3	28.40	Very important
-4	0.00	{Nonrespondent}
-6	0.20	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}

-9

4.26

{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54I

Label: Importance of getting away from this area

Description: Indicates during base year how much the respondent feels it is important to get away from this area.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	42.35	Not important
2	32.74	Somewhat important
3	20.36	Very important
-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.20	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.35	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54J

Label: Importance of working to correct inequalities

Description: Indicates during base year how much the respondent feels it is important to work to correct social and economic inequalities.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	26.48	Not important
2	50.35	Somewhat important
3	18.47	Very important
-1	0.04	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.10	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.56	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54K

Label: Importance of having children

Description: Indicates during base year how much the respondent feels it is important to have children.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	14.03	Not important
2	36.07	Somewhat important
3	45.15	Very important
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.23	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.50	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54L

Label: Importance of having leisure time

Description: Indicates during base year how much the respondent feels it is important to have leisure time.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	2.36	Not important
2	27.99	Somewhat important
3	64.97	Very important
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.10	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.58	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54N

Label: Importance of being expert in field of work

Description: Indicates during base year how much the respondent feels it is important to be an expert in their field of work.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	3.49	Not important
2	24.32	Somewhat important
3	67.65	Very important
-1	0.02	{Don't know}
-4	0.00	{Nonrespondent}

-6	0.04	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.48	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYS54O

Label: Importance of getting good education

Description: Indicates during base year how much the respondent feels it is important to get a good education.

Source: ELS:2002 Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.16	Not important
2	15.22	Somewhat important
3	79.15	Very important
-4	0.00	{Nonrespondent}
-6	0.02	{Multiple response}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.45	{Missing}

Weight used in frequency: (WTA000)

Applies to: All respondents.

Name: BYSCENP

Label: Total school enrollment from administrator questionnaire Oct 2001

Description: Total school enrollment from school administrator questionnaire held in October 2001.

Source: ELS:2002 School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	8.33	1-399 students
2	7.61	400-599 students
3	7.29	600-799 students
4	8.48	800-999 students
5	7.97	1,000-1,199 students
6	16.34	1,200-1,599 students
7	10.32	1,600-1,999 students
8	11.08	2,000-2,499 students
9	7.20	2,500 or more students
-9	15.37	{Missing}

Weight used in frequency: (WTA000)

Notes: Public use version is categorical.

1. School enrollment from 1-399.
2. School enrollment from 400-599.

3. School enrollment from 600-799.
 4. School enrollment from 800-999.
 5. School enrollment from 1000-1199.
 6. School enrollment from 1200-1599.
 7. School enrollment from 1600-1999.
 8. School enrollment from 2000-2499
- 9 School enrollment greater than or equal to 2500.

BYSCENP is taken from the school file and replicated across each student belonging to that school.

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYSCSAF1

Label: School safety index: principal's perceptions

Description: Scale of the base year school administrator's perceptions of the school's safety level as of 2002 where higher values represent perceptions of greater school safety.

Source: Base Year Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	78.24	Positive values, see statistics below
0	1.11	Zero
-4	1.02	{Nonrespondent}
-9	19.63	{Missing}

Minimum	Maximum	Average	Standard Deviation
-0.83	0.41	-0.11	0.17

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the base-year school administrator's perceptions of the school's safety level. Higher values represent perceptions of greater school safety. Variable was created through principal factor analysis, weighted by BYSCHWT. Only administrators who provided a full set of responses were assigned a scale value, which was then linked to all students within the sampled school. To distinguish administrator-based scales from student-based scales, this variable was not standardized. The coefficient of reliability (alpha) for the scale is 0.88.

Note: This composite is constructed from Administrator Questionnaire variables; thus, values of -4 (nonrespondent), -8 (survey component legitimate skip), and -9 refer to missing data from the Administrator Questionnaire.

Applies to: All sample members with a School Administrator Questionnaire respondent.

Name: BYSCSAF2

Label: School safety index: student's perceptions

Description: Scale of the student's perceptions of the base year school's safety level as of 2002 where higher values represent perceptions of greater school safety.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	92.33	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	7.67	{Missing}

Minimum	Maximum	Average	Standard Deviation
-3.04	1.56	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the student's perceptions of base-year school safety. Higher values represent perceptions of greater school safety. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.64.

Applies to: All base year respondents.

Name: BYSCTRL

Label: School control

Description: Indicates the control of the sample member's base year school.

Source: ELS:2002 Sampling Data

Descriptive Statistics:

Value	Percentage	Value label
1	92.38	Public
2	4.24	Catholic
3	3.38	Other private

Weight used in frequency: (WTA000)

Notes: School control is either public, Catholic, or other private school as indicated in the source data for sampling: the Common Core of Data (CCD) 1999-2000 and the Private School Survey (PSS) 1999-2000.

1 Public

2 Catholic

3 Other Private

BYSCTRL is taken from the school file and replicated across each student belonging to that school.

Code: The character values from the sampling frame are given numeric values for bysctrl

if type='P' then bysctrl=1; Public

else if type='C' then bysctrl=2; Catholic

else if type='O' then bysctrl=3; Other Private

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYSIBHOM

Label: Number of in-home siblings

Description: Indicates the number of siblings living in the home as of 2002, regardless of sibling type.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	16.07	0 siblings
1	31.18	1 sibling
2	20.79	2 siblings
3	7.72	3 siblings
4	2.72	4 siblings
5	0.88	5 siblings
6	0.32	6 siblings
7	0.50	7 or more siblings
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	7.42	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates the number of siblings living in the home as of the base year survey, regardless of sibling type. This

composite is constructed from parent questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYSIBSTR

Label: In-home sibling structure

Description: Indicates whether the sample member has any siblings living in the home as of 2002, and if so, the type(s) of siblings living in the home.

Source: Base Year Parent Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	16.07	No siblings in home
1	55.88	Full/adoptive siblings only
2	0.85	Step siblings only
3	3.61	Half siblings only
4	1.14	Full/adoptive siblings + step siblings
5	2.53	Full/adoptive siblings + half siblings
6	0.33	Half siblings + step siblings
7	0.40	Full/adoptive, step, and half siblings
-4	12.40	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	6.79	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates whether the sample member has any siblings living in the home as of the base-year survey, and if so, the type(s) of siblings living in the home (i.e., full/adoptive siblings, step siblings, and/or half siblings). This composite is constructed from parent questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the Parent Questionnaire.

Applies to: All sample members with a Parent Questionnaire respondent.

Name: BYSTEXP

Label: Student's expected achievement in school: base year

Description: Indicates the student's expected level of academic achievement as of 2002.

Source: ELS:2002 Student Questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.95	Less than high school graduation
2	7.24	High school graduation or GED only
3	6.44	Attend or complete 2-year college/school
4	3.92	Attend college, 4-year degree incomplete
5	35.79	Graduate from college
6	19.70	Obtain Master's degree or equivalent
7	16.09	Obtain PhD, MD, or other advanced degree
-1	9.87	{Don't know}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTA000)

Notes: BYSTEXP was previously named STEXPECT on the BY ECB. How far student thinks he/she will get in school. Based on student questionnaire variable BYS56. If missing, composite variable was imputed. (Since "don't know" was an explicit response, these values were not imputed.) See section 3.3 of the Base Year Data File User's Manual for a discussion of the imputation procedures. BYS56 wording- 56. As things stand now, how far in school do you think you will get? (MARK ONE RESPONSE) Less than high school graduation (SKIP TO QUESTION 62 ON PAGE 20) High school graduation or GED only (SKIP TO QUESTION 62 ON PAGE 20) Attend or complete a 2-year school course in a community or vocational school (GO TO QUESTION 57) Attend college, but not complete a 4-year degree (GO TO QUESTION 57) Graduate from college (GO TO QUESTION 57) Obtain a master's degree or equivalent (GO TO QUESTION 57) Obtain a Ph.D., M.D., or other advanced degree (GO TO QUESTION 57) don't know (GO TO QUESTION 57)

Applies to: All respondents.

Name: BYSTLNG2

Label: Sample member's English fluency

Description: Indicates whether the student is a native English speaker, as well as the English fluency level of non-native speakers as of 2002.

Source: Base Year Student Questionnaire; First Follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	1.04	Not fluent
1	0.78	Partially fluent
2	10.32	Fluent
3	1.94	Non-native Engl speaker, fluency unknown
4	85.93	Native English speaker

Weight used in frequency: (WTA000)

Notes: Indicates whether the sample member is a native English speaker, as well as the English fluency level of non-native speakers. Sample members are coded as "partially fluent" if they report speaking and understanding English well or very well. Sample members are coded as "fluent" if, in addition to reporting that they speak and understand English well or very well, they report reading and writing English well or very well.

Note: One of the input variables (F1STLANG) for this composite was imputed where missing.

Applies to: All base year respondents.

Name: BYSTPREP

Label: Class preparation scale

Description: Scale of the student's preparation for class as of 2002 where higher values represent higher class preparedness.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	93.51	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	6.49	{Missing}

Minimum	Maximum	Average	Standard Deviation
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-2.65	1.03	0.00	1.00
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Weight used in frequency: (WTA000)

Notes: This variable is a scale of the base-year respondent's preparation for class. Higher values represent higher class preparedness. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Original variable responses were reverse-coded (so higher values on variables would indicate greater preparedness), and only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.81.

Applies to: All base year respondents.

Name: BYTEAQUA

Label: Student's perception of teachers

Description: Scale of the student's perceptions of the quality of teachers in the base year school where higher values represent perceptions of greater teacher quality.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	91.75	Positive values, see statistics below
0	0.01	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	8.24	{Missing}

Minimum	Maximum	Average	Standard Deviation
-3.72	2.35	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the student's perceptions of the quality of teachers in the base year school. Higher values represent perceptions of greater teacher quality. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.69.

Applies to: All base year respondents.

Name: BYTSTREL

Label: Teacher student relations

Description: Scale of the student's perceptions of teacher student relations in 2002 where higher values represent perceptions of more positive teacher student relations.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	91.10	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	8.90	{Missing}

Minimum	Maximum	Average	Standard Deviation
-3.82	2.33	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of the respondent's perceptions of student- teacher relations in the base year. Higher values represent perceptions of more positive student-teacher relations. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.73.

Applies to: All base year respondents.

Name: BYTVVIGM

Label: Hours per weekday watching TV, videos, playing video games: base year

Description: Indicates the average number of hours per weekday the student spent watching TV, videos or playing video or computer games during the 2001-2002 school year.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.36	0 hours
1	11.14	1 hour
2	14.73	2 hours
3	13.41	3 hours
4	9.75	4 hours
5	8.22	5 hours
6	4.32	6 hours
7	2.55	7 hours
8	11.70	8 or more hours
99	10.08	Top-coded input; unable to calculate
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	8.73	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates the average number of hours per weekday spent watching TV/videos or playing video/computer games during the 01-02 school year. Hours per weekday watching TV/videos and hours per weekday playing video/computer games were collected separately as part of the base year questionnaire.

Note: The two input variables for this composite were top-coded at "6 or more hours". BYTVVIGM is set to "8 or more hours" for any case where one of these input variables is top-coded at "6 or more hours" if the other input variable is at least 2 hours. If, however, one input indicates "6 or more hours" and the other input indicates 0 or 1 hours, BYTVVIGM is set to 99 ("top-coded input; unable to calculate").

Applies to: All base year respondents.

Name: BYTXCQU

Label: Standardized composite test quartile

Description: Indicates the student's standardized composite test score quartile as of 2002.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Value label
1	24.95	Lowest Quartile
2	24.98	Second Quartile
3	25.06	Third Quartile

4	25.01	Fourth Quartile
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTA000)

Notes: Standardized composite test score quartile. The quartile score divides the weighted (population estimate) achievement distributions into four equal groups, based on math and reading composite scores. Quartile 1 corresponds to the lowest-achieving quarter of the population, quartile 4 the highest. To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYTXCSTD

Label: Standardized test composite score: math, reading

Description: Indicates the average of the student's math and reading standardized test scores in 2002.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
20.91	81.04	50.02	10.00

Weight used in frequency: (WTA000)

Notes: The composite score is the average of the math (BYTXMSTD) and reading (BYTXRSTD) standardized scores, re-standardized to a national mean of 50.0 and standard deviation of 10.0. Some students had scores for only the math test or reading test, but not both. For these students who did not have both scores, the composite is based on the single score that was available. The standardized T score provides a norm-referenced measurement of achievement, that is, an estimate of achievement relative to the population (spring 2002 10th-graders) as a whole. It provides information on status compared to peers (as distinguished from the IRT-estimated number-right score which represents status with respect to achievement on a particular criterion set of test items). To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYTXMIRR

Label: Math: estimated number right (item response theory): base year

Description: Indicates the estimated number of correct answers the student would have based on the item response theory if the student had responded to all 72 ELS-2002 math items.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
12.52	69.72	37.24	11.96

Weight used in frequency: (WTA000)

Notes: Math IRT (Item-response theory) estimated number right. The estimated number right score for math is an estimate of the number of items students would have answered correctly had they responded to all 72 items in the ELS-2002 math item pool. The ability estimates and item parameters derived from the IRT calibration can be used to calculate each student's probability of a correct answer for each of the items in the pool. These probabilities are summed to produce the IRT- estimated number right score. The score is not an integer because it is a sum of probabilities, not a count of right and wrong answers. (Note that the reading IRT estimated right score is not comparable to the math IRT estimated right score since they are based on different numbers of test questions and content that is not necessarily equivalent in difficulty.) See section 2.2.2 of the ELS-2002 Base Year Data File User's Manual for further discussion.

Name: BYTXMQU

Label: Math: quartile: base year

Description: Indicates the student's math quartile score in 2002.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Value label
1	24.93	Lowest Quartile
2	24.97	Second Quartile
3	25.01	Third Quartile
4	25.09	Highest Quartile
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTA000)

Notes: Math quartile score. The quartile score divides the weighted (population estimate) achievement distributions into four equal groups, based on math score (BYTXMSTD). Quartile 1 corresponds to the lowest-achieving quarter of the population, quartile 4 the highest. To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYTXMSTD

Label: Math test standardized score

Description: Indicates the math standardized T score.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
19.38	86.68	50.02	10.00

Weight used in frequency: (WTA000)

Notes: The standardized T score provides a norm-referenced measurement of achievement, that is, an estimate of achievement relative to the population (spring 2002 10th-graders) as a whole. It provides information on status compared to peers (as distinguished from the IRT-estimated number-right score which represents status with respect to achievement on a particular criterion set of test items). The standardized T score is a transformation of the IRT theta (ability) estimate, rescaled to a mean of 50 and standard deviation of 10. To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYTXRIRR

Label: Reading: estimated number right (item response theory)

Description: Indicates the estimated number of correct answers the student would have based on the item response theory if the student had responded to all 51 ELS-2002 reading items.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
10.20	49.09	29.43	9.79

Weight used in frequency: (WTA000)

Notes: Reading IRT (Item-response theory) estimated number right. The estimated number right score for reading is an estimate of the number of items students would have answered correctly had they responded to all 51 items in the ELS-2002 reading item pool. The ability estimates and item parameters derived from the IRT calibration can be used to calculate each student's probability of a correct answer for each of the items in the pool. These probabilities are summed to produce the IRT-estimated number right score. The score is not an integer because it is a sum of probabilities, not a count of right and wrong answers. (Note that the reading IRT estimated right score is not comparable to the math IRT estimated right score since they are based on different numbers of test questions and content that is not necessarily equivalent in difficulty.) See section 2.2.2 of the ELS-2002 Base Year Data File User's Manual for further discussion.

Name: BYTXRQU

Label: Reading: quartile

Description: Indicates the student's reading quartile score in 2002.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Value label
1	25.20	Lowest Quartile
2	24.46	Second Quartile
3	25.29	Third Quartile
4	25.05	Highest Quartile
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTA000)

Notes: Reading quartile score. The quartile score divides the weighted (population estimate) achievement distributions into four equal groups, based on reading score (BYTXRSTD). Quartile 1 corresponds to the lowest-achieving quarter of the population, quartile 4 the highest. To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYTXRSTD

Label: Reading test standardized score

Description: Indicates the reading standardized T score.

Source: ELS:2002 Cognitive Tests

Descriptive Statistics:

Value	Percentage	Label

Continuous	100.00	Positive values, see statistics below
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
22.57	78.76	50.02	10.00

Weight used in frequency: (WTA000)

Notes: The standardized T score provides a norm-referenced measurement of achievement, that is, an estimate of achievement relative to the population (spring 2002 10th-graders) as a whole. It provides information on status compared to peers (as distinguished from the IRT-estimated number-right score which represents status with respect to achievement on a particular criterion set of test items). The standardized T score is a transformation of the IRT theta (ability) estimate, rescaled to a mean of 50 and standard deviation of 10. To determine the quartile cut-points, the weighted distribution of the standardized scores was divided at the 25th, 50th, and 75th percentiles. Cut points were matched to unrounded standardized scores. Resulting quartiles will not always be exactly 25% of the weighted base year sample due to rounding. Because standardized scores are rounded, some resulting values near the cut point may appear in more than one quartile.

Name: BYURBAN

Label: School urbanicity

Description: Indicates the urbanicity of the sample member's base year school.

Source: ELS:2002 Sampling Data

Descriptive Statistics:

Value	Percentage	Value label
1	30.15	Urban
2	50.28	Suburban
3	19.56	Rural

Weight used in frequency: (WTA000)

Notes: Urbanicity of school locale as indicated in the source data for sampling: the Common Core of Data (CCD) 1999-2000 and the Private School Survey (PSS) 1999-2000.

1 Urban

2 Suburban

3 Rural

BYURBAN is taken from the school file and replicated across each student belonging to that school.

Note: This school level variable is replicated on the student file for all BY eligible sample members.

Name: BYWRKhrs

Label: Hours worked per week during 2001-2002 school year

Description: Indicates the number of hours the student worked per week on average during the 2001-2002 school year on both weekdays and weekends.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	51.53	Did not work during 01-02 school year
1	5.85	1-5 hours a week
2	7.57	6-10 hours a week
3	4.64	11-15 hours a week
4	5.87	16-20 hours a week
5	2.33	21-25 hours a week

6	1.90	26-30 hours a week
7	0.70	31-35 hours a week
8	0.98	36-40 hours a week
9	0.86	Over 40 hours a week
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	17.77	{Missing}

Weight used in frequency: (WTA000)

Notes: Indicates the number of hours the respondent worked per week during the 01-02 school year on both weekdays and weekends. This variable includes hours worked for those who were not employed at the time of the base year interview if they were employed at any time between October 2001 and their base year interview.

Applies to: All base year respondents.

Name: BYWRTNGA

Label: Student writing ability (teacher reported)

Description: Scale of the student's writing ability as reported by the student's base year English teacher where higher values represent better writing ability.

Source: Base Year English Teacher Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	76.10	Positive values, see statistics below
-4	20.70	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.20	{Missing}

Minimum	Maximum	Average	Standard Deviation
-1.85	1.95	0.00	1.00

Weight used in frequency: (WTA000)

Notes: This variable is a scale of student writing ability as reported by the student's base-year English teacher. Higher values represent higher teacher-rated student writing ability. Variable was created through principal factor analysis (weighted by BYSTUWT) and standardized to a mean of 0 and standard deviation of 1. Teacher responses about student writing ability were reverse-coded (so higher values on variables would indicate greater student writing ability), and only students for whom the English teacher provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.95.

Note: This composite is constructed from English Teacher Questionnaire variables; thus, values of -4 (nonrespondent) and -8 (survey component legitimate skip) refer to missing data from the English Teacher Questionnaire.

Applies to: All sample members with a English Teacher Questionnaire respondent.

Name: BYXTRACU

Label: Number of school sponsored activities participated in 2001-2002

Description: Indicates the number of school sponsored activities the student participated in during the 2001-2002 school year.

Source: Base Year Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	49.35	0 school-sponsored activities

1	25.50	1 school-sponsored activity
2	12.73	2 school-sponsored activities
3	5.88	3 school-sponsored activities
4	2.53	4 school-sponsored activities
5	1.17	5 school-sponsored activities
6	0.48	6 school-sponsored activities
7	0.21	7 school-sponsored activities
8	0.24	8 or more school-sponsored activities
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.91	{Missing}

Weight used in frequency: (WTA000)

Notes: This variable is constructed based on a set of 9 school-sponsored activities, and indicates the number of these activities the respondent participated in during the 01-02 school year. The 9 school-sponsored activities used as inputs for this variable are- school band/chorus, a school play or musical, student government, academic honor society, school yearbook or newspaper, school service clubs, school academic clubs, school hobby clubs, and school vocational clubs.

Applies to: All base year respondents.

Name: F1A19A

Label: % of 2003 graduates went to 4-year colleges

Description: Indicates the percentage of 2003 graduates who went to 4-year colleges.

Source: ELS:2002 First Follow-up School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.14	None
2	3.72	1-10 percent
3	10.39	11-24 percent
4	23.64	25-49 percent
5	23.42	50-74 percent
6	12.40	75-100 percent
-4	3.80	{Nonrespondent}
-8	20.42	{Survey component legitimate skip/NA}
-9	2.08	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1A19B

Label: % of 2003 graduates went to 2-year colleges/vocational school

Description: Indicates the percentage of 2003 graduates who went to 2-year colleges or vocational schools.

Source: ELS:2002 First Follow-up School Administrator Questionnaire

Descriptive Statistics:

Value	Percentage	Value label

1	1.00	None
2	9.90	1-10 percent
3	24.21	11-24 percent
4	31.41	25-49 percent
5	6.13	50-74 percent
6	0.70	75-100 percent
-4	3.80	{Nonrespondent}
-6	0.07	{Multiple response}
-8	20.42	{Survey component legitimate skip/NA}
-9	2.37	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1BYEDEX

Label: Bachelor's degree expectation change: base year to first follow-up

Description: Indicates the change or stability of the student's educational expectations from 2002 to 2004.

Source: Base Year Student Questionnaire; First Follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	9.83	Steady low (no BA - no BA)
2	11.29	Faller (expect BA - no BA)
3	4.43	Riser (no BA - expect BA)
4	52.55	Steady high (expect BA - expect BA)
5	3.31	Don't know - no BA
6	3.61	Don't know - BA
7	2.72	No BA - don't know
8	4.19	BA - don't know
9	2.18	Don't know - don't know
-9	5.89	{Missing}

Weight used in frequency: (WTB000)

Notes: Indicates change or stability in the sample member's educational expectations from the base year to the first follow-up. For the purposes of this variable, "no BA" refers to any expectation less than receipt of a bachelor's degree, and "expect BA" refers to any expectation equal to or higher than receipt of a bachelor's degree (see also BYSTEXP and F1STEXP).

Note: Two of the input variables (BYSTEXP and F1STEXP) for this composite were imputed where missing.

Applies to: All sample members.

Name: F1BYMTGN

Label: Math: estimated number right gain: base year to first follow-up

Description: Indicates the student's gain or loss in their math item response theory (IRT) estimated number right scores between assessments in 2002 and 2004.

Source: Base Year Math Assessment, First Follow-up Math Assessment; Imputation

Descriptive Statistics:

Value	Percentage	Label
Continuous	87.45	Positive values, see statistics below
0	0.02	Zero
-98	12.53	{Missing one or both assessment scores}

Minimum	Maximum	Average	Standard Deviation
-39.46	46.69	4.91	6.35

Weight used in frequency: (WTB000)

Notes: Indicates the sample member's gain (or loss) in their math item response theory (IRT) estimated number right scores between the base year and first follow-up math assessments. F1BYMTGN is calculated by subtracting the math IRT-estimated number right for base year scores from the math IRT-estimated number right for first follow-up scores. Sample members who are missing either base year or first follow-up assessment scores are coded as -98 (missing one or both assessment scores). The estimated number right scores for math are an estimate of the number of items students would have answered correctly had they responded to all 85 items in the ELS-2002 base year and first follow-up math item pool. The ability estimates and item parameters derived from the IRT calibration can be used to calculate each student's probability of a correct answer for each of the items in the pool. These probabilities are summed to produce an IRT-estimated number right score for both the base year and first follow-up. These scores are not integers because they are a sum of probabilities, not a count of right and wrong answers.

Note: The input variables (F1TXMBIR and F1TXM1IR) upon which this composite is based were imputed. See F1TXMBIR and F1TXM1IR for more information regarding what types of cases were imputed.

Applies to: All sample members.

Name: F1COLINF

Label: Sources for college information

Description: Indicates the sources which the student had gone to for information about the entrance requirements of various colleges as of 2004.

Source: First Follow-up Student Questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.23	Does not plan to continue education
2	2.09	Gone to hs staff only for college info
3	1.26	Gone to friends/family only for info
4	2.60	Gone to college staff/resources only
5	0.11	Gone to schl/public/college library only
6	5.57	HS staff + college staff/resources
7	4.69	HS staff + family/friends
8	2.98	Family/friends + college staff/resources
9	0.47	Other 2 source combinations
10	0.35	Fmly/friends+college resources+libraries
11	28.22	HS staff+fmlly/friends+college resources
12	1.92	Other 3 source combinations
13	9.29	Gone to all 4 of these sources for info
14	1.85	Hasn't gone to any of these for info

-4	0.00	{Nonrespondent}
-8	33.37	{Survey component legitimate skip/NA}
-9	4.00	{Missing}

Weight used in frequency: (WTB000)

Notes: Indicates the sources which the respondent has gone to for information about the entrance requirements of various colleges. "High school staff" refers to high school counselors, teachers, and/or coaches; "friends/family" refers to parents, siblings, other relatives, and/or friends; "college staff/resources" refers to college representatives, college publications/website, and/or college search guides; and "libraries" refers to school, public, and/or college libraries.

Applies to: First Follow-up student Questionnaire completers.

Name: F1COMPHR

Label: Hours per day of computer use for all purposes

Description: Indicates the average number of hours per day the student used a computer, whether for schoolwork or for other purposes, as of 2004.

Source: First Follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires

Descriptive Statistics:

Value	Percentage	Value label
0	7.52	0 hours
1	8.99	More than 0 but less than 1 hour
2	17.53	At least 1 hour but less than 2 hours
3	18.58	At least 2 hours but less than 3 hours
4	13.78	At least 3 hours but less than 4 hours
5	13.34	At least 4 hours but less than 5 hours
6	6.56	At least 5 hours but less than 6 hours
7	8.57	6 or more hours
99	2.66	Top-coded input; unable to calculate
-4	0.00	{Nonrespondent}
-8	0.07	{Survey component legitimate skip/NA}
-9	2.39	{Missing}

Weight used in frequency: (WTB000)

Notes: Indicates the average number of hours per day the respondent used a computer for all purposes as of the first follow-up, whether for schoolwork or for other purposes. Computer use for schoolwork and computer use for other purposes were collected separately as part of the first follow-up questionnaire. Dropout and Early Graduate Questionnaire completers were not asked about computer use for schoolwork; thus, F1COMPHR values for those respondents only reflects their report of hours per day using a computer for purposes other than schoolwork.

Note: Since the two input variables for this composite are made up of ranges of hours, those input variables are first recoded to allow for combining into one composite variable. Recoding is done as follows- values representing no hours of computer use are recoded as 0 hours; "less than 1 hour a day" is recoded as 0.5 hours; "1 hour or more but less than 2 hours" is recoded as 1 hour; "2 hours or more but less than 3 hours" is recoded as 2 hours; "3 hours or more but less than 5 hours" is recoded as 4 hours; and "5 hours or more" is recoded as 5 hours. F1COMPHR is set to "6 or more hours" for any case where the sum of the two recoded input variables is at least 6 hours, including such cases having top-coded input variables. F1COMPHR is set to 99 ("top-coded input; unable to calculate") for any case having a top-coded input but the sum of the two recoded input variables is less than 6; for example, if hours per day using computer for schoolwork was "5 hours or more" and hours per day on computer for other purposes was "less than 1 hour a day", then F1COMPHR would be set to 99 ("top-coded input; unable to calculate") since the true value could potentially "At least 5 but less than 6 hours" or "6 hours or more".

Applies to: All first follow-up respondents.

Name: F1CTLPTN

Label: High school attendance pattern: base year to first follow-up

Description: Indicates the student's high school attendance pattern in terms of the control of base year and first follow-up school(s) and whether or not the student transferred, graduated early or dropped out.

Source: ELS:2002 sampling data (Common Core of Data, 1999-2000; Private School Survey, 1999-2000); ELS:2002 First Follow-up Survey Control System; High School Transcript; Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	7.32	BY public - F1 public (transfer)
2	0.27	BY public - F1 private (transfer)
3	0.27	BY private - F1 private (transfer)
4	0.53	BY private - F1 public (transfer)
5	73.09	BY public - F1 public (no transfer)
6	6.50	BY private - F1 private (no transfer)
7	0.34	BY public or private - F1 homeschool stu
8	4.79	BY public - F1 early grad
9	0.13	BY private - F1 early grad
10	6.63	BY public - F1 dropout
11	0.11	BY private - F1 dropout
-9	0.02	{Missing}

Weight used in frequency: (WTB000)

Notes: This variable characterizes the sample member's high school attendance pattern in terms of the school control of both the base year and first follow-up school(s). High school transfers between the base-year and the first follow-up are also indicated, as are shifts from base-year in-school status to first follow-up out-of-school status (i.e., first follow-up homeschooled, early graduates, and dropouts). For the purposes of this variable "private" schools include both Catholic and "other private" schools.

Applies to: All sample members.

Name: F1D20

Label: Grade when last attended school (DO)

Description: Indicates during the first follow-up the grade when respondent last attended school.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	1.37	10th grade
2	3.23	11th grade
3	1.92	12th grade
4	0.07	No grade system used
-1	0.14	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.00	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29A

Label: Left school because got a job (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she got a job.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.84	No
1	1.85	Yes
-2	0.01	{Refused}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.02	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29B

Label: Left school because did not like school (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she did not like school.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.24	No
1	2.45	Yes
-2	0.00	{Refused}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29C

Label: Left school because could not get along with teachers (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she could not get along with teachers.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.05	No
1	1.65	Yes

-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29D

Label: Left school because could not get along with other students (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she could not get along with other students.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.43	No
1	1.22	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29E

Label: Left school because was pregnant (DO)

Description: Indicates during the first follow-up if the respondent left school because she was pregnant.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	2.08	No
1	0.83	Yes
-2	0.01	{Refused}
-3	3.78	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.01	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29F

Label: Left school because became father/mother of a baby (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she became the father/mother of a baby.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.71	No
1	1.00	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.02	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29G

Label: Left school because had to support family (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she had to support a family.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.34	No
1	1.35	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29H

Label: Left school because was suspended (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she was suspended.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.55	No
1	1.15	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29I

Label: Left school because did not feel safe (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she did not feel safe.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	6.00	No
1	0.66	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29J

Label: Left school to care for a member of family (DO)

Description: Indicates during the first follow-up if the respondent left school to care for a member of his or her family.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.68	No
1	1.02	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29K

Label: Left school because was expelled (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she was expelled.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	6.01	No
1	0.69	Yes
-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}

-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29L

Label: Left school because did not feel belonged there (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she did not feel they belonged there.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.33	No
1	1.31	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.08	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29M

Label: Left school because could not keep up with schoolwork (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she could not keep up with schoolwork.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.55	No
1	2.12	Yes
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.04	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29N

Label: Left school because was getting poor grades/failing school (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she was getting poor grades/failing school.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.14	No
1	2.56	Yes
-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29O

Label: Left school because got married/planned to get married (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she got married/planned to get married.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	6.21	No
1	0.46	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29P

Label: Left school because changed schools and did not like new one (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she changed schools and did not like new one.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.94	No
1	0.76	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29Q

Label: Left school because could not work at same time (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she could not work at same time.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.27	No
1	1.43	Yes
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29R

Label: Left school because thought would fail competency test (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she thought they would fail the state competency test.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.93	No
1	0.72	Yes
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29S

Label: Left school because thought couldn't complete course requirements (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she thought they couldn't complete course requirements.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.00	No
1	1.69	Yes
-1	0.00	{Don't know}

-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1D29T

Label: Left school because thought it would be easier to get GED (DO)

Description: Indicates during the first follow-up if the respondent left school because he or she thought it would be easier to get a GED.

Source: ELS:2002 first follow-up Dropout questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.01	No
1	2.65	Yes
-1	0.02	{Don't know}
-4	0.00	{Nonrespondent}
-7	0.02	{Not administered; abbreviated interview or breakoff}
-8	93.26	{Survey component legitimate skip/NA}
-9	0.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1E21

Label: Grade when last attended school (EG)

Description: Indicates during the first follow-up the grade when the early graduate respondent last attended school.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.25	10th grade
2	0.55	11th grade
3	0.34	12th grade
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22A

Label: Left school because got a job (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she got a job.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.91	No
1	0.22	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22B

Label: Left school because did not like school (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she did not like school.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.65	No
1	0.49	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22C

Label: Left school because could not get along with teachers (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she could not get along with their teachers.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.81	No

1	0.32	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22D

Label: Left school because could not get along with other students (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she could not get along with other students.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.97	No
1	0.16	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22E

Label: Left school because was pregnant (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because she because was pregnant.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.37	No
1	0.08	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	4.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}

-8	95.08	{Survey component legitimate skip/NA}
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Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22F

Label: Left school because became father/mother of a baby (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she became father/mother of a baby.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	1.01	No
1	0.12	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22G

Label: Left school because had to support family (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she had to support their family.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.98	No
1	0.16	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22H

Label: Left school because was suspended (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she was suspended.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.99	No
1	0.15	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.**Name:** F1E22I**Label:** Left school because did not feel safe (EG)**Description:** Indicates during the first follow-up if the early graduate respondent left school because he or she did not feel safe.**Source:** ELS:2002 first follow-up Early Graduate questionnaire**Descriptive Statistics:**

Value	Percentage	Value label
0	1.03	No
1	0.10	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.**Name:** F1E22J**Label:** Left school to care for a member of family (EG)**Description:** Indicates during the first follow-up if the early graduate respondent left school to care for a member of his or her family.**Source:** ELS:2002 first follow-up Early Graduate questionnaire**Descriptive Statistics:**

Value	Percentage	Value label
0	0.99	No
1	0.15	Yes
-1	0.08	{Don't know}

-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22K

Label: Left school because was expelled (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she was expelled (EG)

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	1.00	No
1	0.13	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22L

Label: Left school because did not feel belonged there (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she did not feel they belonged there.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.83	No
1	0.30	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22M

Label: Left school because could not keep up with schoolwork (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she could not keep up with their schoolwork.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.85	No
1	0.29	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22N

Label: Left school because was getting poor grades/failing school (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she was getting poor grades/failing school.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.68	No
1	0.46	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22O

Label: Left school because got married/planned to get married (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she got married/planned to get married.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	1.06	No
1	0.08	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22P

Label: Left school because changed schools and did not like new one (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she changed schools and did not like new one.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	1.05	No
1	0.10	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22Q

Label: Left school because could not work at same time (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she could not work at same time.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.93	No
1	0.21	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}

-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22R

Label: Left school because thought would fail competency test (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she thought they would fail the state competency test.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	1.04	No
1	0.07	Yes
-1	0.09	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22S

Label: Left school because thought couldn't complete course requirements (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she thought they couldn't complete course requirements.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.89	No
1	0.24	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22T

Label: Left school because thought it would be easier to get GED (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she thought it would be easier to get a GED.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.48	No
1	0.65	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1E22U

Label: Left school because missed too many school days (EG)

Description: Indicates during the first follow-up if the early graduate respondent left school because he or she missed too many school days.

Source: ELS:2002 first follow-up Early Graduate questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	0.67	No
1	0.47	Yes
-1	0.08	{Don't know}
-2	0.01	{Refused}
-3	3.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	95.08	{Survey component legitimate skip/NA}
-9	0.06	{Missing}

Weight used in frequency: (WTB000)

Applies to: Respondents who received GED/equivalency certificate.

Name: F1FATHED

Label: Father's highest level of education

Description: Indicates the highest level of education reached by the student's father or male guardian.

Source: ELS:2002 Parent Questionnaire; Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label

1	14.03	Did not finish high school
2	30.32	Graduated from high school or GED
3	9.67	Attended 2-year school, no degree
4	7.97	Graduated from 2-year school
5	8.98	Attended college, no 4-year degree
6	17.03	Graduated from college
7	7.55	Completed Master's degree or equivalent
8	4.45	Completed PhD, MD, other advanced degree

Weight used in frequency: (WTB000)

Notes: The highest level of education reached by the respondent's father/ male guardian. Taken from base year derived variable, BYFATHED, if available; for base year nonparticipants, this variable is set to F1N16B from the first follow-up interview. F1FATHED was imputed if otherwise missing.

Name: F1FCOMP

Label: Family composition

Description: Describes the student's home family composition as reported by the parent or guardian on the first follow-up survey.

Source: ELS:2002 Parent Questionnaire; Imputation; ELS:2002 First follow-up New Participant Supplement

Descriptive Statistics:

Value	Percentage	Value label
1	57.58	Mother and father
2	12.97	Mother and male guardian
3	3.15	Father and female guardian
4	1.65	Two guardians
5	18.83	Mother only
6	3.17	Father only
7	1.35	Female guardian only
8	0.28	Male guardian only
9	1.02	Lives with student less than half time

Weight used in frequency: (WTB000)

Notes: Family composition. Taken from the base year parent interview composite variable, BYFCOMP, for all base year sample members. This variable was derived using F1N13A, F1N13B, F1N13C, and F1N13D from the first follow-up new participant supplement for all base year nonparticipants. F1COMP was imputed if otherwise missing.

Note: For base year participants, F1FCOMP refers to family composition as reported by parents in the spring of 2002.

For base year nonparticipants, F1FCOMP refers to family composition as reported by sample members in the spring of 2004.

Name: F1HIMATH

Label: F1 highest math course of a half year or more

Description: Indicates the first follow-up highest math course of a half year or more.

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	1.21	No math course or math course is other

2	5.25	Pre-algebra, general or consumer math
3	7.46	Algebra I
4	14.48	Geometry
5	29.56	Algebra II
6	41.19	Trigonometry, pre-calculus, or calculus
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.85	{Missing}

Weight used in frequency: (WTB000)

Notes: The highest math course is obtained from a series of student level variables F1S17A thru F1S17J. The order is determined by selecting the course taken a half year or more in the following order:

Trigonometry, pre-calculus, or calculus

Algebra II

Geometry

Algebra I

Pre-algebra, general or consumer math

Other math coursework or none

Code: Trigonometry, pre-calculus, or calculus;

if f1s17f in (2,3,4) or f1s17g in (2,3,4)

or f1s17h in (2,3,4), then F1HIMATH=6;

Algebra II;

else if f1s17e in (2,3,4), then F1HIMATH=5;

Geometry;

else if f1s17d in (2,3,4), then F1HIMATH=4;

Algebra I;

else if f1s17c in (2,3,4), then F1HIMATH=3;

Pre-algebra, general or consumer math;

else if f1s17a in (2,3,4) or f1s17b in (2,3,4)

or f1s17i in (2,3,4), then F1HIMATH=2;

No math course or math course is other;

else if f1s17a=1 or f1s17b=1 or f1s17c=1

or f1s17d=1 or f1s17e=1 or f1s17f=1

or f1s17g=1 or f1s17h=1 or f1s17i=1

or f1s17j in (1,2,3,4) , then F1HIMATH=1;

else if F1QSTAT>0, then F1HIMATH=-9;

else if F1QMODE=-8, then F1HIMATH=-8;

else if F1QMODE=-4 , then F1HIMATH=-4;

Name: F1HOMLNG

Label: Student's native language

Description: Characterizes the student's self-reported native language.

Source: ELS:2002 Student Questionnaire; ELS:2002 First follow-up New Participant Supplement

Descriptive Statistics:

Value	Percentage	Value label
1	84.36	English
2	7.89	Spanish
3	0.83	Other European language
4	0.67	West/South Asian language
5	1.94	Pacific Asian/Southeast Asian language
6	1.94	Other language

-8	0.00	{Survey component legitimate skip/NA}
-9	2.36	{Missing}

Weight used in frequency: (WTB000)

Notes: student's native language-composite. Taken from base year derived variable, BYHOMLNG, if available; for base year nonparticipants, this variable is set using F1N08 from the first follow-up interview.

Name: F1MATHSE

Label: Math: self-efficacy: first follow-up

Description: A scale of the student's self-efficacy in math in 2004 where higher values represent greater self-efficacy.

Source: First Follow-up Student Questionnaire

Descriptive Statistics:

Value	Percentage	Label
Continuous	65.30	Positive values, see statistics below
0	0.00	Zero
-4	0.00	{Nonrespondent}
-8	33.37	{Survey component legitimate skip/NA}
-9	1.33	{Missing}

Minimum	Maximum	Average	Standard Deviation
-2.04	1.81	0.00	1.00

Weight used in frequency: (WTB000)

Notes: This variable is a scale of the respondent's self-efficacy in math in the first follow-up. Higher values represent greater self-efficacy. Variable was created through principal factor analysis (weighted by F1QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of responses were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.91.

Applies to: All First Follow-up Student Questionnaire completers.

Name: F1MOTHED

Label: Mother's highest level of education

Description: Indicates the highest level of education reached by the student's mother or female guardian.

Source: ELS:2002 Parent Questionnaire; Student Questionnaire; ELS:2002 First follow-up New Participant

Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	13.23	Did not finish high school
2	27.91	Graduated from high school or GED
3	12.81	Attended 2-year school, no degree
4	11.07	Graduated from 2-year school
5	10.09	Attended college, no 4-year degree
6	16.76	Graduated from college
7	6.35	Completed Master's degree or equivalent
8	1.78	Completed PhD, MD, other advanced degree

Weight used in frequency: (WTB000)

Notes: The highest level of education reached by the respondent's mother/female guardian. Taken from base year derived variable, BYMOTHE, if available; for base year nonparticipants, this variable is set to F1N16A from the first follow-up interview. F1MOTHE was imputed if otherwise missing.

Name: F1N11

Label: Ever held back a grade

Description: Indicates if the respondent was ever held back a grade.

Source: ELS:2002 first follow-up New Participant Supplement

Descriptive Statistics:

Value	Percentage	Value label
0	4.50	No
1	1.23	Yes
-2	0.02	{Refused}
-3	94.11	{Item legitimate skip/NA}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.14	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1PARED

Label: Parent's highest level of education

Description: Indicates the highest level of education reached by either of the student's parents or guardians.

Source: ELS:2002 Parent Questionnaire; Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	6.43	Did not finish high school
2	20.99	Graduated from high school or GED
3	11.60	Attended 2-year school, no degree
4	11.13	Graduated from 2-year school
5	11.53	Attended college, no 4-year degree
6	22.03	Graduated from college
7	10.73	Completed Master's degree or equivalent
8	5.54	Completed PhD, MD, other advanced degree

Weight used in frequency: (WTB000)

Notes: The highest level of education reached by either of the student's parents. The inputs are the composite variables F1MOTHE and F1FATHED. In some cases, F1PARED changes from the value in BYPARED. This occurs only in cases where one parent's education was obtained in the BY, and the missing parent's education is obtained in the F1.

Name: F1PSEPLN

Label: Postsecondary plans right after high school

Description: Describes the student's education plans for right after high school as of the first follow-up survey.

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, and Early Graduate Questionnaires

Descriptive Statistics:

Value	Percentage	Value label

1	1.54	Don't plan to continue
2	6.12	Don't know or planning but unspecified
3	7.39	Vocational, technical, or trade school
4	20.60	Two-year community college
5	54.43	Four-year college or university
6	2.87	Early hs grad attending postsec school
-4	0.00	{Nonrespondent}
-8	6.74	{Survey component legitimate skip/NA}
-9	0.32	{Missing}

Weight used in frequency: (WTB000)

Notes: Post-secondary plans right after high school are obtained from a series of student level variables evaluating plans right after high school (F1S45) or sometime in the future (F1S47 and F1S49). Early graduates are flagged if they are enrolled in an educational institution (F1E43).

Name: F1RACE

Label: Student's race/ethnicity

Description: Indicates the student's race or ethnicity.

Source: ELS:2002 Student Questionnaire; Sampling; Parent Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.98	Amer. Indian/Alaska Native, non-Hispanic
2	4.18	Asian, Hawaii/Pac. Islander,non-Hispanic
3	14.41	Black or African American, non-Hispanic
4	7.19	Hispanic, no race specified
5	8.95	Hispanic, race specified
6	4.08	More than one race, non-Hispanic
7	60.21	White, non-Hispanic

Weight used in frequency: (WTB000)

Notes: The restricted file presents race as a series of five dichotomous variables (the respondent is/is not White; is/is not Black, etc.). The variables are- White, Black, American Indian/Alaskan Native, Asian, and Native Hawaiian/Pacific Islander. For disclosure risk reasons, simplified versions of race appear on the public files, with Native Hawaiian/Pacific Islander combined with Asian. See BYRACE1 for additional information. F1RACE was imputed if otherwise missing.

Name: F1RGPP2

Label: GPA for all courses taken in grades 9-12

Description: Indicates the student's grade point average for all academic and non-academic courses in grades 9-12 as of 2004.

Source: High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
0	2.43	0.00 - 1.00
1	5.89	1.01 - 1.50

2	13.22	1.51 - 2.00
3	19.80	2.01 - 2.50
4	21.72	2.51 - 3.00
5	20.43	3.01 - 3.50
6	16.47	3.51 - 4.00
-4	0.00	{Nonrespondent}
-9	0.05	{Missing}

Weight used in frequency: (WTC000)

Notes: Categorical version of restricted use variable F1RGP.

Applies to: All high school transcript respondents.

Name: F1RHTUNP

Label: Total Carnegie units

Description: Indicates the total Carnegie units on the student's transcript(s) between the 2000-2001 and 2003-2004 school years where a Carnegie unit is a one-year academic course taken one period a day, five days a week.

Source: High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
6	1.28	< 7 total credits earned
7	0.65	7 - 7.99
8	0.68	8 - 8.99
9	0.75	9 - 9.99
10	0.88	10 - 10.99
11	0.79	11 - 11.99
12	1.01	12 - 12.99
13	0.98	13 - 13.99
14	0.91	14 - 14.99
15	1.02	15 - 15.99
16	1.26	16 - 16.99
17	1.34	17 - 17.99
18	1.54	18 - 18.99
19	1.94	19 - 19.99
20	2.84	20 - 20.99
21	4.55	21 - 21.99
22	7.29	22 - 22.99
23	9.02	23 - 23.99
24	9.44	24 - 24.99
25	9.34	25 - 25.99

26	9.55	26 - 26.99
27	8.65	27 - 27.99
28	7.75	28 - 28.99
29	5.22	29 - 29.99
30	3.97	30 - 30.99
31	3.42	31 - 31.99
32	2.43	32 - 32.99
33	0.62	33 - 33.99
34	0.86	34 or more
-4	0.00	{Nonrespondent}

Weight used in frequency: (WTC000)

Notes: A Carnegie unit is equivalent to a one-year academic course taken one period a day, five days a week.

Credits associated with 8th grade courses were not included in the summation of course credits for F1RHTUN.

Note: F1RHTUNP is the categorical public-use version of the continuous restricted-use transcript variable F1RHTUN and was constructed for disclosure avoidance purposes.

Applies to: All high school transcript respondents.

Name: F1RMAT_P

Label: Units in mathematics

Description: Indicates the number of math units the student has taken in high school as of 2004.

Source: High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
0	0.92	0
1	6.77	>0 - 1.99
2	16.98	2.0 - 2.99
3	34.40	3.0 - 3.99
4	31.73	4.0 - 4.99
5	7.42	5.0 - 5.99
6	1.78	6.0 or more
-4	0.00	{Nonrespondent}

Weight used in frequency: (WTC000)

Notes: Categorical version of restricted use variable F1RMAT.

Name: F1RTRCC

Label: Transcript indicated curriculum concentration

Description: Shows which concentrator(s) the student's transcript data can sufficiently indicate toward.

Source: High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
1	21.04	Academic concentrator
2	14.49	Occupational concentrator

3	2.66	Academic and occupational concentrator
4	61.81	Other
-4	0.00	{Nonrespondent}

Weight used in frequency: (WTC000)

Notes: The third coursetaking pattern variable, F1RTRCC, combines the information from F1RACADC and F1ROCCUC to jointly indicate meeting the academic and/or occupational concentrator requirements. This categorical variable includes four categories
 academic concentrator (only);
 occupational concentrator (only);
 academic concentrator and occupational concentrator;
 and other.

As this variable is based upon updated definitions of academic and occupational concentrator, it is not directly comparable to a similar variable (F2RTRPRG) in NELS-88.

Name: F1S40A

Label: Importance of being successful in line work

Description: Indicates during the first follow-up how much the respondent feels it is important to be successful in their line work.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	0.66	Not important
2	8.53	Somewhat important
3	90.12	Very important
-1	0.00	{Don't know}
-2	0.02	{Refused}
-4	0.00	{Nonrespondent}
-6	0.02	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.51	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40B

Label: Importance of marrying right person/having happy family

Description: Indicates during the first follow-up how much the respondent feels it is important to marry the right person/have a happy family.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	4.11	Not important
2	15.50	Somewhat important
3	79.66	Very important

-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.03	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.56	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40C

Label: Importance of having lots of money

Description: Indicates during the first follow-up how much the respondent feels it is important to have lots of money.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	11.54	Not important
2	52.38	Somewhat important
3	35.34	Very important
-4	0.00	{Nonrespondent}
-6	0.00	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.60	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40D

Label: Importance of having strong friendships

Description: Indicates during the first follow-up how much the respondent feels it is important to have strong friendships.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	1.85	Not important
2	13.50	Somewhat important
3	83.79	Very important
-2	0.01	{Refused}
-4	0.00	{Nonrespondent}
-6	0.02	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}

-8	0.00	{Survey component legitimate skip/NA}
-9	0.69	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40E

Label: Importance of being able to find steady work

Description: Indicates during the first follow-up how much the respondent feels it is important to be able to find steady work.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	1.02	Not important
2	11.66	Somewhat important
3	86.26	Very important
-2	0.02	{Refused}
-4	0.00	{Nonrespondent}
-6	0.08	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.81	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40F

Label: Importance of helping others in community

Description: Indicates during the first follow-up how much the respondent feels it is important to help others in their community.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	6.04	Not important
2	51.24	Somewhat important
3	41.53	Very important
-4	0.00	{Nonrespondent}
-6	0.00	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.04	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40G

Label: Importance of giving children better opportunities

Description: Indicates during the first follow-up how much the respondent feels it is important to give his or her children better opportunities than they had.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	2.38	Not important
2	13.66	Somewhat important
3	82.87	Very important
-1	0.02	{Don't know}
-2	0.01	{Refused}
-4	0.00	{Nonrespondent}
-6	0.06	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.87	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40H

Label: Importance of living close to parents/relatives

Description: Indicates during the first follow-up how much the respondent feels it is important to live close to parents/relatives.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	18.38	Not important
2	54.79	Somewhat important
3	25.65	Very important
-1	0.00	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.04	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.00	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40I

Label: Importance of getting away from this area

Description: Indicates during the first follow-up how much the respondent feels it is important to get away from this area.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	46.98	Not important
2	33.14	Somewhat important
3	18.47	Very important
-1	0.02	{Don't know}
-4	0.00	{Nonrespondent}
-6	0.03	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.21	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40J

Label: Importance of working to correct inequalities

Description: Indicates during the first follow-up how much the respondent feels it is important to work to correct social and economic inequalities.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	27.28	Not important
2	50.72	Somewhat important
3	20.64	Very important
-1	0.10	{Don't know}
-2	0.02	{Refused}
-4	0.00	{Nonrespondent}
-6	0.05	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40K

Label: Importance of having children

Description: Indicates during the first follow-up how much the respondent feels it is important to have children.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	15.23	Not important
2	35.95	Somewhat important
3	47.75	Very important
-1	0.04	{Don't know}
-2	0.01	{Refused}
-4	0.00	{Nonrespondent}
-6	0.03	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.85	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40L

Label: Importance of having leisure time

Description: Indicates during the first follow-up how much the respondent feels it is important to have leisure time.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	2.04	Not important
2	30.29	Somewhat important
3	66.73	Very important
-1	0.01	{Don't know}
-2	0.02	{Refused}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.78	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40M

Label: Importance of being expert in field of work

Description: Indicates during the first follow-up how much the respondent feels it is important to be an expert in his or her field of work.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	2.83	Not important
2	21.88	Somewhat important
3	74.29	Very important
-1	0.02	{Don't know}
-2	0.04	{Refused}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.79	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.**Name:** F1S40N**Label:** Importance of getting good education**Description:** Indicates during the first follow-up how much the respondent feels it is important to get a good education.**Source:** ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires**Descriptive Statistics:**

Value	Percentage	Value label
1	0.78	Not important
2	10.77	Somewhat important
3	87.51	Very important
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.15	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.78	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.**Name:** F1S40O**Label:** Importance of getting good job**Description:** Indicates during the first follow-up how much the respondent feels it is important to get a good job.**Source:** ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires**Descriptive Statistics:**

Value	Percentage	Value label
1	0.43	Not important

2	6.06	Somewhat important
3	92.28	Very important
-2	0.01	{Refused}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.15	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.05	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40P

Label: Importance of being an active/informed citizen

Description: Indicates during the first follow-up how much the respondent feels it is important to be an active/informed citizen.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	6.92	Not important
2	44.73	Somewhat important
3	47.22	Very important
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.15	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.97	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40Q

Label: Importance of supporting environmental causes

Description: Indicates during the first follow-up how much the respondent feels it is important to support environmental causes.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	20.25	Not important
2	54.72	Somewhat important
3	23.83	Very important
-1	0.01	{Don't know}

-2	0.04	{Refused}
-4	0.00	{Nonrespondent}
-6	0.01	{Multiple response}
-7	0.15	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.00	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1S40R

Label: Importance of being patriotic

Description: Indicates during the first follow-up how much the respondent feels it is important to be patriotic.

Source: ELS:2002 first follow-up Student, Abbreviated Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires

Descriptive Statistics:

Value	Percentage	Value label
1	17.38	Not important
2	46.22	Somewhat important
3	34.86	Very important
-1	0.09	{Don't know}
-2	0.03	{Refused}
-4	0.00	{Nonrespondent}
-7	0.15	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.26	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1SES2QU

Label: Socio-economic status quartile

Description: Indicates student's socio-economic status quartile as of 2004.

Source: ELS:2002 Parent Questionnaire; Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	24.97	Lowest quartile
2	24.94	Second quartile
3	25.10	Third quartile
4	24.98	Highest quartile
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTB000)

Notes: Socio-economic status quartile, weighted, as determined by value of F1SES2. Definition for SES2QU is same

as for SES1QU except SES2 (and therefore SES2QU) uses 1989 GSS occupational prestige scores instead of 1961 Duncan SEI index.

Name: F1SEX

Label: Sex

Description: Indicates the student's sex/gender.

Source: ELS:2002 Student Questionnaire; Sampling; ELS:2002 First follow-up New Participant Supplement;

Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	50.41	Male
2	49.59	Female

Weight used in frequency: (WTB000)

Notes: Taken from base year derived variable, BYSEX, if available; for base year nonparticipants, this variable is set to F1N02 from the first follow-up new participant supplement. F1SEX was imputed if otherwise missing.

Name: F1STEXP

Label: Student's expected achievement in school: first follow-up

Description: Indicates the student's expected level of academic achievement as of 2004.

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires;

Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.44	Less than high school graduation
2	1.70	GED or other equivalency only
3	4.98	High school graduation only
4	15.48	Attend or complete 2-year college/school
5	3.93	Attend college, 4-year degree incomplete
6	31.46	Graduate from college
7	20.15	Obtain Master's degree or equivalent
8	12.15	Obtain PhD, MD, or other advanced degree
9	9.72	Don't know
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTB000)

Notes: How far in school respondent thinks he/she will get. Based on student questionnaire variable F1S42. F1STEXP was imputed for F1 respondents if otherwise missing. The following types of cases were not imputed for F1STEXP- F1 nonrespondents, out of scope cases, and questionnaire-ineligible cases.

Name: F1STLANG

Label: F1 whether English is student's native language-composite

Description: Indicates whether English is student's native language during the first follow up.

Source: ELS:2002 Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	14.01	No

1	85.99	Yes
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Weight used in frequency: (WTB000)

Notes: Whether English is student's native language-composite. Taken from base year derived variable, BYSTLANG, if available; for base year nonparticipants, this variable is set to F1N07 from the first follow-up interview. F1STLANG was imputed if otherwise missing.

Code: if BYSTLANG in (-4,-8) then

do ;

if F1N07 = 1 then F1STLANG = 1 ;

else if F1N07 > 0 then F1STLANG = 0;

else F1STLANG = F1N07;

end ;

else F1STLANG = BYSTLANG ;

Name: F1T16A

Label: Transferred because family moved

Description: Indicates during the first follow-up if the respondent transferred because his or her family moved.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.10	No
1	3.24	Yes
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1T16B

Label: Transferred for programs/offerings

Description: Indicates during the first follow-up if the respondent transferred to take advantage of programs/offerings.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	4.41	No
1	3.93	Yes
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1T16C

Label: Transferred for quality of instruction

Description: Indicates during the first follow-up if the respondent transferred to take advantage of the quality of instruction.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	5.40	No
1	2.94	Yes
-1	0.01	{Don't know}
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1T16D

Label: Transferred because did not feel safe at other school

Description: Indicates during the first follow-up if the respondent transferred because he or she did not feel safe at other school.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	7.53	No
1	0.81	Yes
-1	0.00	{Don't know}
-2	0.00	{Refused}
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1T16E

Label: Transferred for other reasons

Description: Indicates during the first follow-up if the respondent transferred for other reasons.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	6.07	No
1	2.28	Yes
-2	0.00	{Refused}
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.07	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1T17F

Label: Does not feel safe at transfer school

Description: Indicates during the first follow-up if the respondent does not feel safe at his or her transfer school.

Source: ELS:2002 first follow-up Transfer questionnaire

Descriptive Statistics:

Value	Percentage	Value label
1	0.21	Strongly agree
2	0.61	Agree
3	3.64	Disagree
4	3.87	Strongly disagree
-1	0.01	{Don't know}
-2	0.00	{Refused}
-4	0.00	{Nonrespondent}
-8	91.58	{Survey component legitimate skip/NA}
-9	0.08	{Missing}

Weight used in frequency: (WTB000)

Applies to: All respondents.

Name: F1TVVIGM

Label: Hours per weekday watching TV, videos, playing video games: first follow-up

Description: Indicates the average number of hours per weekday the student spent watching TV, videos or playing video or computer games during the 2003-2004 school year.

Source: First Follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires

Descriptive Statistics:

Value	Percentage	Value label
0	3.63	Does not watch TV/DVD or play video gms
1	14.57	1 hour
2	19.21	2 hours
3	21.07	3 hours
4	13.02	4 hours
5	6.11	5 hours
6	3.71	6 hours
7	3.02	7 hours
8	5.36	8 or more hours
99	7.72	Top-coded input; unable to calculate
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.59	{Missing}

Weight used in frequency: (WTB000)

Notes: Indicates the average number of hours per weekday spent watching TV/videos or playing video/computer games during the 03-04 school year. This variable combines information from the first follow-up student, abbreviated

student, transfer, homeschool, and early graduate questionnaires; as such, it includes hours even for those sample members who were not in school during the 03-04 school year. Hours per weekday watching TV/videos and hours per weekday playing video/computer games were collected separately as part of the first follow-up questionnaire, and are combined to produce F1TVVIGM.

Note: Since the two input variables for this composite are made up of ranges of hours, those input variables are first recoded to allow for combining into one composite variable. Recoding is done as follows- values representing "don't watch TV/videos" and "don't play video games" are recoded as 0 hours; "less than 1 hour a day" is recoded as 0.5 hours; "1 hour or more but less than 2 hours" is recoded as 1.5 hours; "2 hours or more but less than 3 hours" is recoded as 2.5 hours; "3 hours or more but less than 5 hours" is recoded as 4 hours; and "5 hours or more" is recoded as 5 hours. F1TVVIGM is set to "8 or more hours" for any case where the rounded sum of the two recoded input variables is at least 8 hours, including such cases having top-coded input variables. F1TVVIGM is set to 99 ("top-coded input; unable to calculate") for any case having a top-coded input but the rounded sum of the two re-coded input variables is less than 8; for example, if hours per weekday watching TV/videos was "5 hours or more" and hours per weekday playing video/computer games was "less than 1 hour a day", then F1TVVIGM would be set to 99 ("top-coded input; unable to calculate") since the true value could potentially be 6, 7, or 8+ hours per day.

Applies to: All first follow-up respondents.

Name: F1TXM1IR

Label: Math: estimated number right (item response theory): first follow-up

Description: Indicates the estimated number of correct answers the student would have based on the item response theory if the student had responded to all 85 ELS-2002 base year and first follow-up math items.

Source: ELS:2002 Cognitive Tests; Imputation

Descriptive Statistics:

Value	Percentage	Label
Continuous	88.00	Positive values, see statistics below
-8	12.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
15.20	82.54	48.41	15.08

Weight used in frequency: (WTB000)

Notes: First follow-up Math Item-response theory (IRT) estimated number right. The estimated number right score for math is an estimate of the number of items students would have answered correctly had they responded to all 85 items in the ELS-2002 base year and first follow-up math item pool. The ability estimates and item parameters derived from the IRT calibration can be used to calculate each student's probability of a correct answer for each of the items in the pool. These probabilities are summed to produce the IRT-estimated number right score. The score is not an integer because it is a sum of probabilities, not a count of right and wrong answers. F1TXM1IR may be compared with F1TXBMIR to calculate gain scores, since they are estimates based on the same pool of items. See section 2.3 of the ELS-2002 Base Year to First Follow-up Data File User's Manual for further discussion. The following types of cases were not imputed for F1TXM1IR- Dropouts, Early Graduates, Homeschoolers, F1 nonrespondents, out of scope cases, and questionnaire-ineligible cases.

Name: F1TXMBIR

Label: F1 math IRT estimated number right for base year scores

Description: Indicates the first follow-up math item-response theory (IRT) estimated number right.

Source: ELS:2002 Base Year Cognitive Tests; Imputation

Descriptive Statistics:

Value	Percentage	Label
Continuous	99.32	Positive values, see statistics below
-8	0.68	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation

13.74	82.03	42.58	13.88
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Weight used in frequency: (WTB000)

Notes: The estimated number right score for math is an estimate of the number of items students would have answered correctly had they responded to all 85 items in the ELS:2002 base year and first follow-up math item pool. The ability estimates and item parameters derived from the IRT calibration can be used to calculate each student's probability of a correct answer for each of the items in the pool. These probabilities are summed to produce the IRT-estimated number right score. The score is not an integer because it is a sum of probabilities, not a count of right and wrong answers. (Note that the reading IRT estimated right score is not comparable to the math IRT estimated right score since they are based on different numbers of test questions and content that is not necessarily equivalent in difficulty.) See section 2.2.2 of the ELS:2002 Base Year Data File User's Manual for further discussion.

The following types of cases were not imputed for F1TXMBIR: F1 freshened cases, BY questionnaire-ineligible cases, and BY nonrespondents that were F1 questionnaire-ineligible cases.

Name: F1TXMQU

Label: Math: quartile: first follow-up

Description: Indicates the student's math quartile score in 2004.

Source: ELS:2002 First follow-up Cognitive Tests; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	22.40	Lowest quartile
2	21.97	Second quartile
3	21.82	Third quartile
4	21.82	Highest quartile
-8	12.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTB000)

Notes: Mathematics achievement quartile (1=low; 4=high) Math quartile score. The quartile score divides the weighted (12th grade population estimate) achievement distributions into four equal groups, based on math score (F1TXMSTD). Quartile 1 corresponds to the lowest-achieving quarter of the 12th grade population, quartile 4 the highest. The following types of cases were not imputed for F1TXMQU- Dropouts, Early Graduates, Homeschoolers, F1 nonrespondents, out of scope cases, and questionnaire-ineligible cases.

Name: F1TXMSTD

Label: F1 math standardized score

Description: Indicates the first follow-up math standardized T score.

Source: ELS:2002 First follow-up Cognitive Tests; Imputation

Descriptive Statistics:

Value	Percentage	Label
Continuous	88.00	Positive values, see statistics below
-8	12.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
19.82	79.85	49.91	10.00

Weight used in frequency: (WTB000)

Notes: The standardized T score provides a norm-referenced measurement of achievement, that is, an estimate of achievement relative to the population (spring 2004 12th-graders) as a whole. It provides information on status compared with peers (as distinguished from the IRT-estimated number-right score which represents status with respect to achievement on a particular criterion set of test items). Although the T score is reported for all F1 in-school responding students (including transfer students), regardless of grade level, the comparison group for standardizing is the 12th grade population. The standardized T score is a transformation of the IRT theta (ability) estimate, and has a

mean of 50 and standard deviation of 10 for the weighted subset of 12th-graders in the sample.
The following types of cases were not imputed for F1TXMSTD: Dropouts, Early Graduates, Homeschoolers, F1 nonrespondents, out of scope cases, and questionnaire-ineligible cases.

Name: F1WRKHRS

Label: Hours worked per week during 2003-2004 school year

Description: Indicates the number of hours the student worked per week on average during the 2003-2004 school year on both weekdays and weekends regardless of whether the sample member was in school during that time.

Source: First Follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires

Descriptive Statistics:

Value	Percentage	Value label
0	24.49	Did not work during 03-04 school year
1	6.41	1-5 hours a week
2	9.20	6-10 hours a week
3	11.40	11-15 hours a week
4	14.49	16-20 hours a week
5	10.40	21-25 hours a week
6	7.64	26-30 hours a week
7	3.98	31-35 hours a week
8	6.65	36-40 hours a week
9	3.35	Over 40 hours a week
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.98	{Missing}

Weight used in frequency: (WTB000)

Notes: Indicates the number of hours the respondent worked per week during the 03-04 school year, regardless of whether the sample member was in school during that time (i.e., this variable includes hours worked for any F1 respondent, including dropout questionnaire completers and early graduate questionnaire completers, if they were employed at any time between October 2003 and the date of their first follow-up interview). This variable includes hours worked on both weekdays and weekends.

Applies to: All first follow-up respondents.

Name: F1XTRACU

Label: Number of school sponsored activities participated in 2003-2004

Description: Indicates the number of school sponsored activities the student participated in during the 2003-2004 school year.

Source: First Follow-up Student, Transfer, Homeschool, and Early Graduate Questionnaires

Descriptive Statistics:

Value	Percentage	Value label
0	21.65	0 school-sponsored activities
1	21.33	1 school-sponsored activity
2	18.74	2 school-sponsored activities
3	13.10	3 school-sponsored activities
4	8.94	4 school-sponsored activities

5	4.94	5 school-sponsored activities
6	2.35	6 school-sponsored activities
7	1.15	7 school-sponsored activities
8	0.43	8 school-sponsored activities
9	0.22	9 or more school-sponsored activities
-4	0.00	{Nonrespondent}
-8	6.74	{Survey component legitimate skip/NA}
-9	0.41	{Missing}

Weight used in frequency: (WTB000)

Notes: This variable is constructed based on a set of 11 school-sponsored activities, and indicates the number of these activities the respondent participated in during the 03-04 school year. The 11 school-sponsored activities used as inputs for this variable are- intramural sports, interscholastic sports, school band/chorus, a school play or musical, student government, academic honor society, school yearbook or newspaper, school service clubs, school academic clubs, school hobby clubs, and school vocational clubs. This variable combines information from the first follow-up student, abbreviated student, transfer, homeschool, and early graduate questionnaires (early graduate questionnaire completers were asked about activities participated in during their last year of high school).

Applies to: All first follow-up respondents, except Dropout Questionnaire completers (i.e., Student, Abbreviated Student, Transfer, Homeschool, and Early Graduate Questionnaire completers).

Name: F2B08A

Label: Did not continue education after HS because do not like school

Description: Indicates if the respondent did not continue education after high school because he or she did not like school.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	19.29	No
1	3.12	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.21	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08B

Label: Did not continue education after HS because grades not high

Description: Indicates if the respondent did not continue education after high school because he or she did not have high enough grades.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	19.14	No
1	3.24	Yes

-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.24	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08C

Label: Did not continue education after HS because scores not high

Description: Indicates if the respondent did not continue education after high school because he or she did not have high enough scores.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	19.30	No
1	2.89	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.43	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08D

Label: Did not continue educ after high school because won't need more educ

Description: Indicates if the respondent did not continue education after high school because he or she won't need more education for the career they want.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	18.63	No
1	3.69	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.29	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08E

Label: Did not continue education after HS because cannot afford school

Description: Indicates if the respondent did not continue education after high school because he or she cannot afford

school.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	11.52	No
1	10.81	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.29	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08F

Label: Did not continue education after HS because rather work/make money

Description: Indicates if the respondent did not continue education after high school because he or she would rather work/make money.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	11.19	No
1	11.18	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.25	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08G

Label: Did not continue education after HS because school not important

Description: Indicates if the respondent did not continue education after high school because he or she felt school is not important.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	20.70	No
1	1.54	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9	0.39	{Missing}
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Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08H

Label: Did not continue education after HS for family reasons

Description: Indicates if the respondent did not continue education after high school because of family reasons.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	13.28	No
1	9.02	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.32	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08I

Label: Did not continue education after HS because have a good job

Description: Indicates if the respondent did not continue education after high school because he or she had a good job.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	12.82	No
1	9.45	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.35	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08J

Label: Did not continue education after HS because was not accepted

Description: Indicates if the respondent did not continue education after high school because he or she was not accepted where they wanted to go.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	20.76	No

1	1.50	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.37	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08K

Label: Did not continue education after HS because of traumatic experience

Description: Indicates if the respondent did not continue education after high school because of a traumatic experience.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	20.48	No
1	1.80	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.34	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08L

Label: Did not continue education after HS because of health reasons

Description: Indicates if the respondent did not continue education after high school because of health reasons.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	20.94	No
1	1.32	Yes
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.37	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B08N

Label: Did not continue education after HS because incarcerated/other reason

Description: Indicates if the respondent did not continue education after high school because he or she was

incarcerated/other reason.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	15.83	No
1	1.75	Pregnancy/childcare/marriage
2	0.26	Taking a break
3	0.38	Undecided
4	0.75	Military
5	2.69	Other
-3	77.38	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.97	{Missing}

Weight used in frequency: (WTE000)

Applies to: Nonenrollees (F2RTYPE=5) with a high school credential, or whose high school completion status is unknown (F2A01=1 or -9).

Name: F2B11A

Label: Delayed continuing educ because could not afford school

Description: Indicates if the respondent delayed continuing their education because he or she could not afford school.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.89	No
1	2.73	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.14	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delay-leavers (F2RTYPE = 2 or 4).

Name: F2B11B

Label: Delayed continuing educ because needed to earn money

Description: Indicates if the respondent delayed continuing their education because he or she needed to earn money.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.30	No
1	3.32	Yes
-3	90.24	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.14	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11C

Label: Delayed continuing educ because not enough financial aid

Description: Indicates if the respondent delayed continuing their education because he or she did not receive enough financial aid.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	7.74	No
1	1.86	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.16	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11D

Label: Delayed continuing educ because was not accepted

Description: Indicates if the respondent delayed continuing their education because he or she was not accepted where they wanted to go.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	8.95	No
1	0.67	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.14	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11E

Label: Delayed continuing educ because needed to improve acad qualifications

Description: Indicates if the respondent delayed continuing their education because he or she needed to improve their academic qualifications.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label

0	8.47	No
1	1.16	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.12	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delay-leavers (F2RTYPE = 2 or 4).

Name: F2B11F

Label: Delayed continuing educ because school was deferred

Description: Indicates if the respondent delayed continuing their education because he or she was admitted to school on a deferred basis.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	9.19	No
1	0.38	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.19	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delay-leavers (F2RTYPE = 2 or 4).

Name: F2B11G

Label: Delayed continuing educ because wanted to work

Description: Indicates if the respondent delayed continuing their education because he or she wanted to work.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	3.77	No
1	5.83	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.16	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delay-leavers (F2RTYPE = 2 or 4).

Name: F2B11H

Label: Delayed continuing educ because wanted to serve in military

Description: Indicates if the respondent delayed continuing their education because he or she wanted to serve in military.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	8.66	No
1	0.82	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.28	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11

Label: Delayed continuing educ for family reasons

Description: Indicates if the respondent delayed continuing their education because of family reasons.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	7.23	No
1	2.25	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.27	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11J

Label: Delayed continuing educ because wanted to travel or pursue interests

Description: Indicates if the respondent delayed continuing their education because he or she wanted to travel or pursue interests.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.70	No
1	2.75	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.30	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11K

Label: Delayed continuing educ because of traumatic experience

Description: Indicates if the respondent delayed continuing their education because of a traumatic experience.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	8.72	No
1	0.77	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.27	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11L

Label: Delayed continuing educ because of health reasons

Description: Indicates if the respondent delayed continuing their education because of health reasons.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	8.72	No
1	0.69	Yes
-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.34	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delayer-leavers (F2RTYPE = 2 or 4).

Name: F2B11N

Label: Delayed continuing educ b/c incarcerated/other reason

Description: Indicates if the respondent delayed continuing their education because he or she was incarcerated/other reason.

Source: F2 Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.84	Did not provide another reason
1	0.49	Pregnancy/childcare/marriage
2	0.52	Taking a break
3	0.30	Undecided on major, career, or school
4	1.04	Other

-3	90.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.56	{Missing}

Weight used in frequency: (WTE000)

Applies to: Delayers and delay-leavers (F2RTYPE = 2 or 4).

Name: F2DOSTAT

Label: Dropout status: 2006

Description: Indicates whether or not the student had ever dropped out as of 2006 and the timing of any prior dropout episode.

Source: Variable source information will be made available in the next draft

Descriptive Statistics:

Value	Percentage	Value label
0	86.79	No known dropout episode
1	6.55	Dropout at time of F2 interview
2	0.45	HS student in F2 - prior dropout episode
3	3.78	GED recipient
4	2.43	HS graduate with prior dropout episode
5	0.00	Dropout episode - F2 status unknown

Weight used in frequency: (WTE000)

Notes: Dropout status as of the second follow-up interview. Based on F2HSSTAT and F2EVERDO.

Applies to: All ELS:2002 sample members.

Name: F2EDLEVL

Label: Highest level of education attempted

Description: Indicates the highest level of education attempted by the student as of 2006.

Source: ELS:2002 First follow-up Early Graduate Questionnaire; ELS:2002 First follow-up Dropout Questionnaire; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
1	6.96	Some high school
2	2.37	GED
3	20.25	High school diploma
4	2.05	Enrolled in less-than-2-year school
5	24.88	Enrolled in 2-year college
6	43.26	Enrolled in 4-year college or university
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.24	{Missing}

Weight used in frequency: (WTE000)

Notes: This variables indicates the highest level of education attempted by the sample member, as of the second follow-up. For respondents who have attended a postsecondary institution (F2B07=1), F2EDLEVL is determined by the

highest level among the respondent's attended institution(s) (F2ILEVEL). For respondents who have not attended a postsecondary institution, F2EDLEVL is determined by their 2006 high school completion status (F2HSSTAT). Note: Not completing high school does not preclude postsecondary enrollment; therefore, a non-high school completer may have an F2EDLEVL value of 4, 5, or 6.

Applies to: All second follow-up respondents.

Name: F2EMPPTN

Label: Employment pattern of non enrollees in 2006

Description: Characterizes the former student's post-high school pattern of employment by indicating their second follow-up employment status as well as indicating whether there were prior spells of employment or unemployment.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	9.01	Employed FT as of F2, no prior gap/delay
2	8.62	Employed FT as of F2, w/prior gap/delay
3	1.05	Employed PT as of F2, no prior gap/delay
4	1.60	Employed PT as of F2, w/prior gap/delay
5	0.10	Employed as of F2, unknown if FT/PT
6	2.17	Unemployed as of F2, w/prior employment
7	0.81	Unemployed as of F2, w/o prior empymnt
8	1.51	Out of labor force as of F2, w/prior emp
9	1.37	Out of lbr force as of F2, w/o prior emp
10	1.70	Unknown if in labor force, w/prior empl
11	0.33	Unknown if in labor force, w/o prior emp
12	70.41	Has PSE, employment pattern not collected
13	1.01	High schooler as of F2
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.31	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes the respondent's post-high school pattern of employment by indicating their second follow-up employment status as well as indicating whether there were prior spells of employment or unemployment. For the purposes of this variable, "full-time" is defined as working 30 hours or more per week, and "part-time" is defined as working less than 30 hours per week; a "prior gap/delay" is defined as a period of at least one month where the respondent was not working, regardless of whether the respondent was in the labor force at that time (i.e., regardless of whether they were looking for work at that time). Complete employment/unemployment information was only collected from second follow-up college nonenrollees (i.e., where F2RTYPE=5); thus, those respondents with postsecondary attendance are coded as "has PSE, employment pattern not collected".

Note: Categories 10 and 11 ("unknown if in labor force") imply not working as of the second follow-up interview.

Applies to: All second follow-up respondents.

Name: F2EMSTAB

Label: Number of months employed in current job

Description: Indicates the number of months the respondent had been at their current job as of 2006.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
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0	1.62	0
1	2.73	1
2	1.94	2
3	1.88	3
4	1.81	4
5	1.66	5
6	1.45	6
7	1.30	7
8	1.18	8
9	1.15	9
10	1.01	10
11	0.92	11
12	1.06	12
13	0.89	13
14	0.72	14
15	0.62	15
16	0.63	16
17	0.71	17
18	0.92	18
19	0.77	19
20	0.64	20
21	0.67	21
22	0.76	22
23	0.49	23
24	0.31	24
25	0.22	25
26	0.39	26
27	0.24	27
28	3.25	28 or more
-3	67.23	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.83	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the number of months the respondent has been in their current job, as of the second follow-up

interview. This variable only applies to non-enrollees, leavers, delayer-leavers, and high schoolers (i.e., where F2RTYPE = 3, 4, 5, or 6). Standard enrollees and delayers (i.e., respondents with postsecondary enrollment in 2006) were not asked about their current job. Values of 0 indicate that the respondent began their current job in the same month as their second follow-up interview.

Applies to: Nonenrollees, leavers, delayer-leavers, and high schoolers (i.e., F2 respondents where F2RTYPE = 3, 4, 5, or 6) who were employed at the time of their F2 interview.

Name: F2ERN5P2

Label: Respondent's total 2005 job earnings

Description: Indicates the respondent's total 2005 job earnings in the second follow-up.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	10.94	No income
1	6.73	Less than \$1,000
2	17.69	\$1,000 - \$2,999
3	20.42	\$3,000 - \$5,999
4	13.74	\$6,000 - \$9,999
5	12.61	\$10,000 - \$14,999
6	7.35	\$15,000 - \$19,999
7	9.52	\$20,000 and above
-3	1.01	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTE000)

Notes: Respondent's total earnings from all jobs in 2005 in categorical form. Data from F2ERN05R were mapped to the same categories used in F2C34. F2ERN5P2 is a categorical public-use version of the continuous restricted-use variable F2ERN05R.

Code: If F2ERN05P > 7 Then F2ERN5P2 = 7;

Else F2ERN5P2 = F2ERN05P;

Applies to: All second follow-up respondents except high schoolers (i.e., applies to sample members where F2RTYPE = 1, 2, 3, 4, or 5).

Name: F2EVERDO

Label: F2 ever dropped out of high school

Description: Indicates whether or not the student had dropped out at any point as of 2006.

Source: ELS:2002 First follow-up Survey Control System; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	86.79	No available evidence of dropout episode
1	13.21	Evidence of a dropout episode

Weight used in frequency: (WTE000)

Notes: Indicates whether the sample member has dropped out at some point in time. Cases identified by F1EVERDO as "ever dropouts" remain as such in F2EVERDO; these cases include student-reported dropouts (as reported via F1 participation; note, however, that F1 student, transfer, and homeschool questionnaire respondents were not asked whether they had had a dropout episode), and school-reported dropouts (as reported at any of the 3 enrollment status updates). F1EVERDO is then updated with second follow-up and transcript information as follows- first follow-up nonrespondents who reported in the second follow-up that they were not in school during the spring term of 2004

(F2A12=5) or that they were out for 4 or more weeks during that term (F2A13=1) are classified as "ever dropouts." Also classified as "ever dropouts" are second follow-up respondents who reported that they had completed a GED since they were last interviewed (F2A02=3), or they had not received a high school credential and were not in a high school completion program (F2A07=3 or 4). Finally, cases where the sample member's transcript indicates that the sample member dropped out, received a GED, was dismissed, or incarcerated (F1RTROUT=8, 12, 14, or 15, respectively) are coded as "ever dropouts" in F2EVERDO.

Applies to: All ELS:2002 sample members.

Name: F2EVRAPP

Label: Ever applied to postsecondary school - composite

Description: Indicates whether the respondent has ever applied to a postsecondary institution in the second follow-up.

Source: ELS:2002 Second Follow-up Interview; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
0	21.81	No
1	77.18	Yes
-3	1.01	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTE000)

Notes: This variable is taken directly from the second follow-up interview (F2B01) if available, and imputed for second follow-up respondents if missing.

Applies to: All second follow-up respondents except current high schoolers (i.e., applies to respondents where F2RTYPE = 1, 2, 3, 4, 5)

Name: F2EVRJOB

Label: Ever held a job since leaving high school - composite

Description: Indicates whether the respondent has ever held a job for pay since high school completion/exit in the second follow-up.

Source: ELS:2002 Second Follow-up Interview; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
0	7.23	No
1	91.76	Yes
-3	1.01	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTE000)

Notes: This variable is taken directly from the second follow-up interview (F2C01) if available, and imputed for second follow-up respondents if missing.

Applies to: All second follow-up respondents except high schoolers (i.e., applies to sample members where F2RTYPE = 1, 2, 3, 4, or 5).

Name: F2F1EDEX

Label: Bachelor's degree expectation change: 1st follow-up to 2nd follow-up

Description: Indicates the change or stability of the student's educational expectations from 2004 to 2006.

Source: First Follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires; Second Follow-up Interview; Imputation

Descriptive Statistics:

Value	Percentage	Value label

1	13.90	Steady low (no BA - no BA)
2	7.85	Faller (expect BA - no BA)
3	8.45	Riser (no BA - expect BA)
4	54.00	Steady high (expect BA - expect BA)
5	4.27	Don't know - no BA
6	3.65	Don't know - BA
7	3.40	No BA - don't know
8	2.83	BA - don't know
9	1.36	Don't know - don't know
-9	0.29	{Missing}

Weight used in frequency: (WTG000)

Notes: Indicates change or stability in the sample member's educational expectations from the first follow-up to the second follow-up. For the purposes of this variable, "no BA" refers to any expectation less than receipt of a bachelor's degree, and "expect BA" refers to any expectation equal to or higher than receipt of a bachelor's degree (see also F1STEXP and F2STEXP).

Note: Two of the input variables (F1STEXP and F2STEXP) for this composite were imputed where missing.

Applies to: All sample members.

Name: F2F1GR_P

Label: Grade level: Spring 2004

Description: Indicates the student's high school grade level in spring 2004.

Source: ELS:2002 First follow-up Student and Transfer Questionnaires; ELS:2002 first follow-up Survey Control System; Imputation; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
11	2.30	Less than 12th grade
12	85.93	12th grade
99	0.59	Ungraded
-3	11.19	{Item legitimate skip/NA}
-9	0.00	{Missing}

Weight used in frequency: (WTE000)

Notes: High school grade level in the spring term of 2004. F2F1GR_P is the public-use version of the restricted-use F2 composite variable F2F1GRDE. For disclosure avoidance purposes, F2F1GR_P combines the F2F1GRDE categories of "10th grade" and "11th grade" into a single category ("less than 12th grade"). For first follow-up respondents who were in school in the spring term 2004 (i.e., F1 student and transfer questionnaire completers), F2F1GRDE is set to F1GRADE; first follow-up respondents who were not in school in the spring term 2004 (i.e., F1 early graduate, dropout, and homeschool questionnaire completers) are assigned a F2F1GRDE value of -3. F2F1GRDE updates F1GRADE for first follow-up nonrespondents as follows- first follow-up nonrespondents who completed high school with a diploma or certificate of attendance in April, May, or June of 2004 as reported in the second follow-up interview (F2A02 and F2A03) or on their high school transcript (F1RTROUT and F1RDTLFT) were logically imputed as 12th-graders. All other first follow-up nonrespondents who reported in F2 being in school during the spring term of 2004 were directly asked for their grade level at that time (F2A12). Finally, first follow-up nonrespondents who were found to be early graduates or spring term 2004 dropouts (see F2SP04DO) were assigned a value of -3.

Applies to: ELS:2002 sample members who were students or transfers as of the spring term 2004. Does not apply to early graduates/alternative completers or dropouts as of the spring term of 2004.

Name: F2F1HSST

Label: High school completion status as of summer 2004

Description: Indicates the student's high school completion status as of August 2004.

Source: First Follow-Up Early Graduate and Dropout Questionnaires; High School Transcript; Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	82.59	Fall 2003 - Summer 04 graduate
2	2.76	Pre-fall 2003 graduate
3	0.37	Received certificate of attendance
4	2.15	Received GED
5	12.00	No hs credential as of Summer 04
6	0.07	Graduated, unknown if by Aug. 04
7	0.06	August 04 status cannot be determined

Weight used in frequency: (WTE000)

Notes: Indicates the sample member's high school completion status as of August 2004.

Applies to: All sample members.

Name: F2HHPAR

Label: Whether sample member lived with parents in 2006

Description: Indicates whether during the second follow-up the sample member lived with his or her parents in 2006.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	52.84	No
1	46.22	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.94	{Missing}

Weight used in frequency: (WTE000)

Code: Check 2006 school residence and household roster for evidence of living w/parents

if F2D07=2 or F2D08A>0 or F2D08B>0 then F2HHPAR=1;

if none, check for missing values in input variables

else if F2D07 in(-7,-9) or F2D08A in(-7,-9) or F2D08B in(-7,-9)

then F2HHPAR=-9;

if none, respondent not living with parents in 2006

else F2HHPAR=0;

Applies to: All second follow-up respondents.

Name: F2HHTO_P

Label: Number of household members including respondent in 2006

Description: Indicates the total number of household members including student as of 2006.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
1	10.58	1
2	24.34	2
3	20.53	3

4	21.89	4
5	11.46	5
6	10.22	6 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.97	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable summarizes F2D08A-I by totaling the number of 2006 household members (including the respondent).

Note: F2HHTO_P is the public-use version of the restricted-use F2 composite F2HHTOTL. For disclosure avoidance purposes, F2HHTO_P was top-coded to "6 or more". Partial-interview respondents who have values of -7 for all F2HHTOTL/F2HHTO_P input variables are coded as F2HHTO_P=1.

Applies to: All second follow-up respondents.

Name: F2HIGRDE

Label: Highest grade level attempted

Description: Shows the highest grade level attempted by the student as of 2006.

Source: ELS:2002 First follow-up Early Graduate Questionnaire; ELS:2002 First follow-up Dropout Questionnaire; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
1	0.75	10th grade
2	2.31	11th grade
3	3.86	12th grade
4	0.27	Ungraded program
5	92.43	R has received a high school credential
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.38	{Missing}

Weight used in frequency: (WTE000)

Notes: The most advanced high school grade level attempted as of the second follow-up interview. For respondents in high school at the time of the second follow-up interview (F2A07=1 or 2), this is their current grade level in 2006. For second follow-up respondents who have not received a high school credential and are not in a high school completion program (F2A07=3 or 4), this is the grade they were in when they last attended high school. Drawn directly from F2A08. If F2A08 indicates a grade which is less than F2F1GRDE (the respondent's spring 2004 grade level), then F2HIGRDE is set to F2F1GRDE.

Note: This variable differs from other F2 high school composite variables in that it is not applicable to F2 nonrespondents.

Applies to: All second follow-up respondents.

Name: F2HS2P_P

Label: Months between high school and postsecondary entry

Description: Indicates the number of months between the student's high school exit and first enrollment at a postsecondary institution.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label

0	2.95	0 months
1	2.01	1 month
2	17.09	2 months
3	32.88	3 months
4	4.24	4 months
5	0.59	5 months
6	0.35	6 months
7	1.57	7 months
8	1.81	8 months
9	0.31	9 months
10	0.28	10 months
11	0.17	11 months
12	0.37	12 months
13	0.29	13 months
14	0.86	14 months
15	1.71	15 months
16	0.47	16 months
17	0.24	17 months
18	0.16	18 months
19	0.36	19 months
20	0.40	20 months
21	0.59	21 or more months
-3	29.59	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.72	{Missing}

Weight used in frequency: (WTE000)

Notes: Number of months between high school completion/exit and the respondent's first enrollment at their first "real" postsecondary institution (see also F2PS1). F2HSCPDR is used as the high school completion/exit date for respondents who have earned a high school credential; F2HSLVDR is used for respondents who have not earned a high school credential.

Note: Sample members who reported enrolling in postsecondary education while in high school but left prior to high school completion/exit, and did not subsequently enroll in any postsecondary education, are recorded as missing (-9). F2HS2P_P is the public-use version of the restricted-use F2 composite F2HS2PS1. For disclosure avoidance purposes, F2HS2P_P was top-coded to "21 or more".

Applies to: Second follow-up respondents who have attended a post- secondary institution.

Name: F2HSATTM

Label: High school attainment indicator

Description: Categorizes the student's high school attainment on the basis of graduation status, grades, and assessment scores.

Source: First Follow-Up Early Graduate and Dropout Questionnaires; High School Transcript; Second Follow-up Interview; Base Year Cognitive Tests

Descriptive Statistics:

Value	Percentage	Value label
1	36.24	Successful graduate (hs diploma recipnt)
2	45.78	Marginal graduate (hs diploma recipient)
3	4.23	Completer (GED/equivalency/cert of att)
4	7.56	Non-completer
-9	6.20	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable categorizes high school attainment on the basis of graduation status, grades, and assessment scores. Sample members are coded as "successful graduates" if they meet the following three conditions- (1) they had received a high school diploma by August 2004; (2) their 10th-grade academic GPA is at least 2.5; and (3) their base year composite ELS assessment score is at or above one-fourth of a standard deviation below the mean. High school diploma recipients who did not meet all of the above criteria are coded as "marginal graduates"; sample members who received a GED or other equivalency, or a certificate of attendance, are coded as "completers". Finally, sample members who have not received a high school credential of any type are coded as "non-completers."

Applies to: All sample members.

Name: F2HSSTAT

Label: High school completion status: 2006

Description: Indicates the student's high school completion status as of 2004.

Source: ELS:2002 First follow-up Early Graduate Questionnaire; ELS:2002 First follow-up Dropout Questionnaire; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
1	82.59	Fall 2003 - Summer 2004 graduate
2	2.78	Post-summer 2004 graduate
3	2.76	Pre-fall 2003 graduate
4	0.07	Graduation date unknown
5	0.44	Received certificate of attendance
6	3.78	Received GED or other equivalency
7	1.01	Still enrolled in high school
8	2.10	Working towards GED or equivalent
9	4.45	No diploma, not in HS, not pursuing GED
10	0.01	Status cannot be determined

Weight used in frequency: (WTE000)

Notes: First follow-up, transcript, and second follow-up data are all used as inputs for F2HSSTAT. First follow-up data is used in cases where the respondent indicated during the first follow-up they had already received a high school credential; transcript data (as preloaded for the F2 instrument) is used in cases where the respondent's transcript indicated they received a May or June 2004 diploma or certificate of attendance (see also F2PHSDG and F2PHSDT). For second follow-up respondents for whom neither of these conditions apply, F2HSSTAT is determined by the following variables- type of high school credential received (F2A02); high school credential date (F2A03); or, for respondents who had not yet received a high school credential, whether they are currently pursuing any such credential (F2A07). For second follow-up nonrespondents, F2HSSTAT is determined by transcript or first follow-up data (if they indicate a final high school completion status).

Note: There are a small set of cases where F2HSSTAT is set to 1, 2, or 3 as a result of a re-examination of transcript

information during F2 data editing activities. This small set of cases is made up of F2 nonrespondents who did not indicate receipt of a high school credential during F1 participation (or were F1 nonrespondents), and where F1RTROUT = 8 (dropped out) or 9 (transferred).

Applies to: All ELS:2002 sample members.

Name: F2LIVARR

Label: Living arrangements in spring 2006

Description: Indicates who the student lived with as of spring 2006.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	9.87	Alone
2	45.88	With parents
3	3.63	With spouse (w/o parents)
4	3.61	With bio child (w/o parents or spouse)
5	2.72	W/sibling (w/o parent, spouse, or child)
6	32.06	W/non-relative roommate (w/o any of above)
7	1.27	Other living arrangement
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.96	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the respondent's living arrangement in Spring 2006. Respondents are coded with the lowest F2LIVARR value which appropriately characterizes their Spring 2006 living arrangement. For example, a respondent living with a spouse and biological child is coded as living "with spouse (w/o parents)" (F2LIVARR=3) as opposed to living "with biological child (w/o parents or spouse)" (F2LIVARR=4). Likewise, a respondent living with a sibling and a non-relative roommate is coded as living "with sibling (w/o parent, spouse, or child)" (F2LIVARR=5) as opposed to living "with non-relative roommate" (F2LIVARR=6).

Applies to: All second follow-up respondents.

Name: F2MARPAR

Label: Marital parental status in 2006

Description: Indicates the student's marital and parental status in 2006.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	2.40	Currently married with bio children
2	2.35	Currently married w/o bio children
3	7.90	Single/separtd/divrcd/widowd w/ bio chld
4	86.33	Single/separtd/divrcd/widowd w/o bio chd
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.02	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable indicates both the respondent's marital and parental status as of the second follow-up interview.

Applies to: All second follow-up respondents.

Name: F2NACC2P

Label: Number of schools that accepted respondent

Description: Indicates the number of postsecondary schools to which the student was accepted.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.99	0; applied, but was not accepted
1	23.84	1
2	13.00	2
3	7.24	3
4	3.99	4
5	1.74	5
6	0.92	6
7	0.51	7
8	0.23	8
9	0.19	9 or more
-3	41.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.09	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the number of postsecondary schools to which the respondent was accepted. F2NACC2P is a revised version of the variable F2NACCPT/F2NACC1P, where schools with open-enrollment policies are excluded, and non-open enrollment schools which the respondent did not report applying to, but reported attending "on-time" are included (see F2RTYPE for the ELS definition of "on-time"/"immediate" postsecondary attendance).

Applies to: All second follow-up respondents who applied to at least one postsecondary institution (i.e., where F2NAPP2P > 0).

Name: F2NAPAI

Label: Number of schools applied to which offered respondent financial aid

Description: Indicates the number of postsecondary schools which offered the student any form of financial aid, including scholarship/grants, loans, work-study, and tuition waivers/discounts.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	22.75	0
1	19.45	1
2	8.39	2
3	4.30	3
4	2.10	4
5	0.83	5

6	0.40	6
7	0.25	7
8	0.19	8 or more
-3	41.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.09	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the number of schools which offered the respondent any form of financial aid, including scholarship/grants, loans, work-study, and tuition waivers/discounts. Respondents were asked about aid offers from schools which they both applied to and were accepted by.

Note: F2NAPPAID is constructed based on the set of schools counted in F2NAPP2P and F2NACC2P (see F2NAPP2P and F2NACC2P for further information).

Applies to: All second follow-up respondents who applied to at least one postsecondary institution (i.e., where F2NAPP2P > 0).

Name: F2NAPP2P

Label: Number of schools applied to

Description: Indicates the number of postsecondary schools the student applied to in their first round of applications.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	40.23	0 - did not apply
1	20.56	1
2	14.26	2
3	9.26	3
4	5.70	4
5	3.78	5
6	2.11	6
7	1.14	7
8	0.64	8
9	0.41	9
10	0.36	10
11	0.53	11 or more
-3	1.01	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.01	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the number of postsecondary schools the respondent applied to in their first round of applications.

F2NAPP2P is a revised version of the variable F2NAPPLY/F2NAPP1P, where schools with open-enrollment policies are excluded, and non-open enrollment schools which the respondent did not report applying to, but reported attending

"on-time" are included (see F2RTYPE for the ELS definition of "on-time"/"immediate" postsecondary attendance).

Applies to: All second follow-up respondents except those still in high school as of their second follow-up interview (i.e., applies to respondents where F2RTYPE = 1, 2, 3, 4, or 5; does not apply to respondents where F2RTYPE = 6).

Name: F2NLFE_P

Label: Number of different types of stressful life events in past two years

Description: Represents the total number of different types of stressful life events that occurred in the past two years of the student's life as of 2006.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	40.02	0
1	32.66	1
2	17.30	2
3	6.01	3
4	1.32	4
5	0.35	5 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.35	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable summarizes F2D15A-F2D15G by totaling the number of different types of stressful life events that occurred in the past two years.

Note: F2NLFE_P is the public-use version of the restricted-use F2 composite F2NLFEVT. For disclosure avoidance purposes, F2NLFE_P was top-coded to "5 or more".

Applies to: All second follow-up respondents.

Name: F2PCTACC

Label: Percent of schools accepted at of those applied to

Description: Indicates the percent of schools applied to at which the student was accepted.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.99	0%
1	0.22	More than 0%, but less than 20%
2	1.21	At least 20%, but less than 30%
3	2.22	At least 30%, but less than 40%
4	0.87	At least 40%, but less than 50%
5	6.48	At least 50%, but less than 60%
6	4.50	At least 60%, but less than 70%
7	2.10	At least 70%, but less than 80%
8	2.13	At least 80%, but less than 100%
9	31.95	100%

-3	41.24	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.09	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the percentage of applied-to schools at which the respondent was accepted. F2PCTACC is calculated using F2NACC2P as the number of accepted schools and F2NAPP2P as the number of applied-to schools.

Note: F2PCTACC is calculated prior to F2NAPP2P and F2NACC2P being top-coded.

Applies to: All second follow-up respondents who applied to at least one postsecondary institution (i.e., where F2NAPP2P > 0).

Name: F2PCTAID

Label: Percent of schools accepted at which offered financial aid

Description: Indicates the percent of schools accepted to which also offered the student financial aid.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	15.76	0%
1	0.11	More than 0%, but less than 20%
2	0.61	At least 20%, but less than 30%
3	1.38	At least 30%, but less than 40%
4	0.28	At least 40%, but less than 50%
5	3.62	At least 50%, but less than 60%
6	1.56	At least 60%, but less than 70%
7	0.77	At least 70%, but less than 80%
8	0.49	At least 80%, but less than 100%
9	27.10	100%
-3	48.23	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.09	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the percentage of accepted-to schools which also offered the respondent financial aid. F2PCTAID is calculated using F2NAPAID as the number of schools offering aid and F2NACC2P as the number of schools to which the respondent was accepted.

Note: F2PCTAID is calculated prior to F2NAPAID and F2NACC2P being top-coded.

Applies to: All second follow-up respondents who were accepted by at least one postsecondary institution (i.e., where F2NACC2P > 0).

Name: F2POUTWF

Label: Percent of months non enrollee out of work force between HS and Jan 06

Description: Indicates the percent of months the college non-enrollee reported being out of the labor force between high school exit and January 2006.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	14.87	0%
1	1.45	More than 0%, but less than 10%
2	2.15	At least 10%, but less than 20%
3	1.30	At least 20%, but less than 30%
4	1.02	At least 30%, but less than 40%
5	0.75	At least 40%, but less than 50%
6	0.61	At least 50%, but less than 60%
7	0.71	At least 60%, but less than 70%
8	0.68	At least 70%, but less than 80%
9	0.54	At least 80%, but less than 90%
10	0.42	At least 90%, but less than 100%
11	0.75	100%
-3	71.88	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.86	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable indicates the percent of months the college nonenrollee (i.e., respondents where F2RTYPE=5) reported being out of the labor force between high school exit and January 2006. The high school exit date is the date the respondent received a high school diploma, certificate of attendance, or GED or equivalent (variable F2HSCPDR - the restricted use version of F2HSCDPD). If the respondent is not credentialed, the high school exit date is the last date of high school attendance (variable F2HSLVDR - the restricted use version of F2HSLVDP). The numerator is the number of months out of the labor force between high school exit and January 2006 (F2NOUTWF). The denominator is the number of months between high school exit and January 2006 (excluding any months where it is unknown if the respondent whether the respondent was in the labor force).

Applies to: Second follow-up nonenrollees (i.e., F2 respondents where F2RTYPE=5) with a high school exit date prior to January 2006.

Name: F2PS1EEX

Label: College entrance exam scores relative to average scores at 1st PS inst

Description: Indicates the student's college entrance exam scores relative to the average scores of first-time, degree/certificate-seeking undergraduate students at the student's first-attended postsecondary institution.

Source: Second Follow-up Interview; Integrated Postsecondary Education Data System (IPEDS); College Board (SAT); ACT; High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
0	29.59	No postsecondary attendance as of F2
1	28.79	1st PS school has open admission policy
2	5.06	Scores are in lowest quartile
3	16.05	Scores are in middle two quartiles
4	12.24	Scores are in highest quartile

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	8.28	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the respondent's college entrance exam scores relative to the average scores of first-time, degree/certificate-seeking undergraduate students at the sample member's first-attended postsecondary institution (see also F2PS1). The following entrance exam scores are available in ELS data at both the student-level and institution-level, and are therefore used for F2PS1EEX quartile assignment- SAT math, ACT math, and ACT composite.
Applies to: All second follow-up respondents.

Name: F2PS1NTY

Label: Number of types of aid offered by 1st postsecondary institution

Description: Indicates the number of types of financial aid offered to the student by their first-attended postsecondary institution.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	6.31	Not offered financial aid by PS1
1	18.87	Offered 1 type of aid by PS1
2	12.88	Offered 2 types of aid by PS1
3	8.42	Offered 3 types of aid by PS1
4	1.31	Offered 4 types of aid by PS1
97	8.95	Did not apply for admission to 1st inst
98	12.42	Did not apply for financial aid
99	29.59	No postsecondary attendance as of F2
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.24	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates the number of types of financial aid offered to the respondent by the first-attended postsecondary institution (see also F2PS1). The four types of aid specifically asked about in the ELS second follow-up interview were- scholarships/grants, loans, work- studies, and tuition waivers/discounts.

Note: Respondents with F2PS1NTY values of 98 did not apply for financial aid, and were not offered aid without applying.

Applies to: All second follow-up respondents.

Name: F2PS1REM

Label: Took math, writing, reading remedial course at 1st postsecondary inst

Description: Indicates whether the student took a remedial course at their first postsecondary institution in either reading, writing, or math.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	29.59	No postsecondary attendance as of F2
1	41.92	Did not take remedial course

2	28.01	Took remedial course
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.49	{Missing}

Weight used in frequency: (WTE000)

Notes: Indicates whether the respondent took a remedial course at the first-attended postsecondary institution (see also F2PS1) in either reading, writing, or math.

Applies to: All second follow-up respondents.

Name: F2PSEEXM

Label: Completion of college entrance exams

Description: Indicates whether the student took a college entrance exam, and if so, which exam was taken.

Source: First Follow-up Student, Abbreviated Student, Transfer, and Homeschool Questionnaires; High School Transcript; College Board (SAT); ACT

Descriptive Statistics:

Value	Percentage	Value label
0	37.23	No available evidence of entrance exam
1	22.08	Yes, took SAT
2	23.75	Yes, took ACT
3	10.92	Yes, took SAT and ACT
4	6.02	Yes, but unknown if SAT and/or ACT

Weight used in frequency: (WTE000)

Notes: Indicates whether the sample member took a college entrance exam, and if so, which exam was taken (i.e., SAT and/or ACT). Sample members are coded as "yes, but unknown if SAT or ACT" when in the first follow-up they reported having already taken a college entrance exam, but no match was made with either College Board (SAT) or ACT records to allow more specific coding.

Applies to: All sample members.

Name: F2PSEJ06

Label: Postsecondary enrollment intensity in Jan 2006

Description: Characterizes the student's postsecondary enrollment status as of January 2006 by indicating whether or not they were enrolled, and if enrolled, the enrollment intensity and the institutional level of the school which they were attending.

Source: Second Follow-up Interview; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	33.87	Enrolled full-time at 4yr school
2	13.10	Enrolled full-time at 2yr school
3	0.75	Enrolled full-time at <2yr school
4	1.21	Enrolled part-time at 4yr school
5	4.27	Enrolled part-time at 2yr school
6	0.32	Enrolled part-time at <2yr school
7	44.42	Not enrolled
8	1.52	Still in high school

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.54	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes the respondent's January 2006 postsecondary enrollment status by indicating whether or not they were enrolled, and if enrolled, the enrollment intensity and the institutional level of the school which they were attending.

Note: ELS-2002 second follow-up data include only one measure of enrollment intensity per attended institution (as opposed to month- by-month enrollment intensities). If the respondent reported attending their January 2006 institution "full-time or mainly full- time", then their January 2006 enrollment intensity is assumed to be full-time; if the respondent reported attending their January 2006 institution "part-time or mainly part-time", or "an equal mix of full- time and part-time", then their January 2006 enrollment intensity is assumed to be part-time. The "still in high school" category includes respondents who were high schoolers as of their second follow-up interview (i.e., where F2RTYPE=6), as well as respondents whose high school exit date is after January 2006. The high school exit date is the date the respondent received a high school diploma, certificate of attendance, or GED or equivalent (variable F2HSCPDR - the restricted use version of F2HSCPDP). If the respondent is not credentialed, the high school exit date is the last date of high school attendance (variable F2HSLVDR - the restricted use version of F2HSLVDP).

Applies to: All second follow-up respondents.

Name: F2PSEPLN

Label: Fulfillment of 2004 senior year college plans

Description: Characterizes fulfillment of the student's high school senior year plans for college.

Source: Second Follow-up Interview; First Follow-up Student, Abbreviated Student, Transfer, and Homeschool Questionnaires; First Follow-up Survey Control System; High School Transcript

Descriptive Statistics:

Value	Percentage	Value label
1	52.65	04 Sr; planned to attend, immediate PSE
2	4.96	04 Sr; planned to attend, delayed PSE
3	8.51	04 Sr; planned to attend, but no PSE
4	1.55	04 Sr; didn't plan to att; immediate PSE
5	1.76	04 Sr; didn't plan to attnd; delayed PSE
6	6.38	04 Sr; didn't plan to attend and no PSE
7	1.85	04 Sr; didn't know if att; immediate PSE
8	0.83	04 Sr; didn't know if att; delayed PSE
9	3.30	04 Sr; didn't know if attend; no PSE
10	2.92	Not an 04 Senior; immediate PSE
11	1.74	Not an 04 Senior; delayed PSE
12	9.41	Not an 04 Senior; no PSE as of F2
-9	4.13	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes fulfillment of the sample member's high school senior year plans for college by indicating- (1) whether or not the sample member was a spring 2004 high school senior; (2) if they were a 2004 senior, whether the sample member planned to attend college right after high school; (3) whether the sample member had postsecondary attendance as of the second follow-up; and (4) whether any postsecondary attendance as of the second follow-up was immediate/on-time or delayed. Sample members are considered to have delayed enrollment when they did not begin their postsecondary attendance by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July).

Applies to: All sample members.

Name: F2PSPLN

Label: Postsecondary education pipeline

Description: Indicates whether the student completed the postsecondary education pipeline as well as whether the student attended a postsecondary institution as of 2006.

Source: Variable source information will be made available in the next draft

Descriptive Statistics:

Value	Percentage	Value label
0	1.01	Still in high school as of F2 interview
1	9.48	Never entered pipeline, no PS attendance
2	17.71	Partially completed pipeline, no PSE
3	23.44	Prtlly compl/never entrd; 1st att <4yr
4	7.29	Prtlly compl/never entrd; 1st att 4yr
5	1.38	Completed pipeline; no PS attendance
6	6.15	Completed pipeline; 1st attended <4yr
7	33.28	Completed pipeline; 1st attended 4yr
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.26	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable indicates whether the respondent has completed the postsecondary education pipeline, as well as indicating whether the respondent attended a postsecondary institution as of the second follow-up. Respondents are considered to have completed the postsecondary pipeline if they meet all of the following four criteria- (1) having 10th grade educational expectations of a bachelor's degree or higher (12th grade educational expectations are used when 10th grade educational expectations are missing); (2) there is an indication that the sample member is "academically prepared"; that is, being in the top 75% of the sample's distribution of 4-year college attendees in either cumulative high school academic GPA, SAT composite scores, ACT composite scores, or the ELS F1 math assessment scores; or, the sample member's high school transcript met the requirements for being an "academic concentrator" (see also F2RACADC); (3) taking a college entrance exam; and (4) applying to a postsecondary institution. Respondents who meet some but not all of four these criteria are considered to have partially completed the pipeline, and respondents who meet none of these criteria are considered to have never entered the pipeline.

Note: Two input variables (BYSTEXP and F1STEXP) for this composite were imputed.

Applies to: All second follow-up respondents.

Name: F2PSYR1

Label: Months enrolled in postsecondary the year after high school

Description: Indicates the number of months the student was in attendance at any postsecondary institution during their first 12 months after high school completion.

Source: Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	31.29	0
1	0.84	1
2	0.77	2
3	1.12	3
4	1.74	4

5	3.93	5
6	1.49	6
7	1.04	7
8	1.68	8
9	9.99	9
10	30.69	10
11	7.92	11
12	2.88	12
-3	4.04	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.57	{Missing}

Weight used in frequency: (WTE000)

Notes: Number of months with attendance at any postsecondary institution during the first 12 months after high school completion/exit. F2HSCPDR is used as the high school completion/exit date for respondents who have received a high school credential; F2HSLVDR is used as the high school completion/exit date for respondents who have not received a high school credential. For respondents with postsecondary enrollment during the month of their high school completion/exit, F2PSYR1 is calculated beginning with that month. For respondents who were not enrolled in a postsecondary institution during the month of their high school completion/exit, F2PSYR1 is calculated beginning with the month following their high school completion/exit.

Applies to: Second follow-up respondents with at least 12 months between high school completion/exit and their F2 interview date.

Name: F2PTN1PS

Label: Postsecondary attendance pattern between initial post-HS and Jan 06

Description: Characterizes the student's postsecondary attendance pattern by comparing the level of the institution attended immediately after high school (if any) and the level of the institution attended in January 2006 (if any).

Source: Second Follow-up Interview; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	28.45	4yr-4yr, no transfer
2	3.07	4yr-4yr, w/transfer
3	2.33	4yr-<4yr
4	4.28	4yr-not enrolled
5	10.32	<4yr-<4yr, no transfer
6	1.71	<4yr-<4yr, w/transfer
7	1.97	<4yr-4yr
8	8.08	<4yr-not enrolled
9	1.63	Not enrolled-4yr
10	4.09	Not enrolled-<4yr
11	4.02	Not enrolled-not enrl, but w/some PSE

12	27.96	No PSE as of January 2006
13	1.52	Still in high school as of January 2006
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.56	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes the respondent's postsecondary attendance pattern by indicating the level of both the institution attended immediately after high school (if any), as well as the level of the institution attended in January 2006 (if any). This variable also indicates whether the respondent had transferred/switched postsecondary institutions during this period (see also F2SWITCH). In addition, the "initial post-high school period" component of each category indicates whether the respondent had immediate/on-time enrollment (categories 1-8) or delayed enrollment (categories 9-11). See F2RTYPE for the ELS definition of immediate/on-time enrollment and delayed enrollment. Categories which indicate "not enrolled" in January 2006 (i.e., where F2PTN1PS is 4, 8, 11, or 12) do not necessarily imply that the respondent has no postsecondary enrollment in 2006; they simply indicate that the respondent was not enrolled in January 2006 (see F2RTYPE to identify respondents with 2006 enrollment). Since second follow-up interview dates cover a range of months, F2PTN1PS is defined relative to January 2006 (the earliest interview month) so as to provide comparable information across all second follow-up respondents.

Note: Respondents in category 11 did not have immediate attendance or January 2006 attendance, but were enrolled at some point in between.

Applies to: All second follow-up respondents.

Name: F2PTN2PS

Label: Postsecondary attendance intensity between initial post-HS and Jan 06

Description: Characterizes the respondent's postsecondary attendance pattern by comparing the enrollment intensity at the institution attended immediately after high school (if any) and at the institution attended in January 2006 (if any).

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	43.03	Full time-full time
2	0.96	Full time-part time
3	9.30	Full time-not enrolled
4	0.82	Part time-full-time
5	3.04	Part time-part time
6	3.12	Part time-not enrolled
7	3.94	Not enrolled-full time
8	1.79	Not enrolled-part time
9	3.66	Not enrolled-not enrld, but w/ some PSE
10	28.32	No PSE as of January 2006
11	1.52	Still in high school as of January 2006
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.49	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes the respondent's postsecondary attendance pattern by indicating enrollment intensity at both the institution attended immediately after high school (if any), as well as the institution attended in

January 2006 (if any). Respondents were asked to characterize the intensity of their entire enrollment at each attended school, as opposed to characterizing enrollment intensity for particular periods of time (e.g., for each month). For the purposes of constructing F2PTN2PS, respondents who reported attending a particular school "full-time or mainly full-time" are assumed to have attended full-time for their entire period of attendance at that school; respondents who reported attending a particular school "part-time or mainly part-time", or "an equal mix of full-time and part-time", are assumed to have attended part-time for their entire period of attendance at that school. The "initial post-high school period" component of each category indicates whether the respondent had immediate/on-time enrollment (categories 1-6) or delayed enrollment (categories 7-9). See F2RTYPE for the ELS definition of immediate/on-time enrollment and delayed enrollment. Categories which indicate "not enrolled" in January 2006 (i.e., where F2PTN2PS is 3, 6, 9, or 10) do not necessarily imply that the respondent has no postsecondary enrollment in 2006; they simply indicate that the respondent was not enrolled in January 2006 (see F2RTYPE to identify respondents with 2006 enrollment). Since second follow-up interview dates cover a range of months, F2PTN2PS is defined relative to January 2006 (the earliest interview month) so as to provide comparable information across all second follow-up respondents.

Note: Respondents in category 9 did not have immediate attendance or January 2006 attendance, but were enrolled at some point in between.

Applies to: All second follow-up respondents.

Name: F2PTN3PS

Label: Postsecondary attendance pattern during 1st year after high school

Description: Characterizes the student's postsecondary enrollment during the first 12 months following high school exit.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
1	47.09	Mostly full-time / full year
2	8.73	Mostly full-time / part year
3	4.34	Part-time / full year
4	3.87	Part-time / part year
5	31.29	No PSE in 1st year after high school
6	0.77	Out of HS <1yr as of F2; w/ PSE
7	2.33	Out of HS <1yr as of F2; w/o PSE
8	1.01	Still in high school as of F2 interview
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.56	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable characterizes the respondent's postsecondary enrollment during the first 12 months following high school exit, regardless of the type of program enrolled in, or the institutional level of the attended school. F2PTN3PS indicates whether the respondent attended for a "full-year" during this span (defined as 9 months or more), and whether the respondent was attending full-time or part-time during this span. Respondents were asked to characterize the intensity of their entire enrollment at each attended school, as opposed to characterizing enrollment intensity for particular periods of time (e.g., for each month). For the purposes of constructing F2PTN3PS, respondents who reported attending a particular school "full-time or mainly full-time" are assumed to have attended full-time for their entire period of attendance at that school; respondents who reported attending a particular school "part-time or mainly part-time", or "an equal mix of full-time and part-time", are assumed to have attended part-time for their entire period of attendance at that school.

Note: The high school exit date is the date the respondent received a high school diploma, certificate of attendance, GED or equivalent (variable F2HSCPDR - the restricted-use version of F2HSCPDP). If the respondent is not credentialed, the high school exit date is the last date of high school attendance (variable F2HSLVDR - the restricted use version of F2HSLVDP). Respondents with less than 12 months between their high school exit date and the date of their second follow-up interview are coded as "out of high school less-than 1 year" in F2PTN3PS.

Applies to: All second follow-up respondents.

Name: F2PUNE2P

Label: Percent of months non enrollee unemployed between HS and Jan 06

Description: Indicates the percent of months the college non-enrollee reported being unemployed between high school exit and January 2006.

Source: Second Follow-up Interview

Descriptive Statistics:

Value	Percentage	Value label
0	13.65	0%
1	2.29	More than 0%, but less than 10%
2	2.26	At least 10%, but less than 20%
3	1.25	At least 20%, but less than 30%
4	0.83	At least 30%, but less than 40%
5	0.60	At least 40%, but less than 50%
6	0.64	At least 50%, but less than 60%
7	0.60	At least 60%, but less than 70%
8	0.40	At least 70%, but less than 80%
9	0.35	At least 80%, but less than 90%
10	0.19	At least 90%, but less than 100%
11	1.44	100%
-3	72.64	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.86	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable indicates the percent of months the college nonenrollee (i.e., respondents where F2RTYPE=5) reported being unemployed between high school exit and January 2006. Months out of the labor force are not counted as months unemployed. The high school exit date is the date the respondent received a high school diploma, certificate of attendance, or GED or equivalent (variable F2HSCPDR - the restricted use version of F2HSCPP2). If the respondent is not credentialed, the high school exit date is the last date of high school attendance (variable F2HSLVDR - the restricted use version of F2HSLVP2). The numerator is the number of months unemployed between high school exit and January 2006. The denominator is the number of months employed, plus the number of months unemployed, between high school exit and January 2006 (months out of the labor force are excluded from both the numerator and denominator). F2PUNE2P is a revised version of the restricted-use variable F2PUNEMP; the two variables differ in that (1) F2PUNEMP is calculated as of the respondent's second follow-up interview date, while F2PUNE2P is calculated as of January 2006; and (2) F2PUNEMP is continuous while F2PUNE2P is categorical.

Applies to: Second follow-up nonenrollees (i.e., F2 respondents where F2RTYPE=5) who had entered the labor force by January 2006.

Name: F2RTYPE

Label: Respondent type: based on 2006 postsecondary enrollment: second follow-up

Description: Classifies the student on the basis of their postsecondary participation and the timing of their postsecondary enrollment.

Source: ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
1	48.96	Standard enrollee

2	6.28	Delayer (delayed entry/enrolled in '06)
3	11.70	Leaver (immediate entry/no '06 enrollment)
4	3.48	Delayer-Leaver (delay/no '06 enrollment)
5	28.57	Nonenrollee
6	1.01	High school student
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTE000)

Notes: This variable classifies respondents on the basis of their postsecondary participation and the timing of their postsecondary enrollment. Categories include- 1) Standard enrollee- indicates a respondent with "immediate" postsecondary enrollment, who has continued their enrollment into 2006. A respondent is considered to have "immediate" enrollment if their postsecondary attendance began by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). 2) Delayer- indicates a respondent with delayed postsecondary enrollment. A respondent is considered to have delayed enrollment when they did not begin their postsecondary attendance by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). The Delayer designation (as opposed to Delayer-Leaver; see below) also indicates the respondent's postsecondary enrollment continued into 2006. 3) Leaver- indicates a respondent with "immediate" postsecondary enrollment (as with Standard enrollee), but has no 2006 enrollment. 4) Delayer-Leaver- indicates a respondent with delayed postsecondary enrollment (as with Delayer), and has no 2006 enrollment. 5) Nonenrollee- indicates a respondent who has not enrolled in a postsecondary institution since leaving high school. 6) High school student- indicates a respondent still enrolled in high school.

Note: F2HSCPDR is used as the high school completion/exit date for respondents who have received a high school credential; F2HSLVDR is used as the high school completion/exit date for respondents who have not received a high school credential.

Applies to: All second follow-up respondents.

Name: F2SP04DO

Label: Dropout status: Spring 2004

Description: Categorizes spring term 2004 dropouts and early alternative completers

Source: ELS:2002 First follow-up Survey Control System; High School Transcript; ELS:2002 Second follow-up interview

Descriptive Statistics:

Value	Percentage	Value label
0	92.08	Not spring '04 dropout/early GED recipient
1	5.10	F1 identified spring term 2004 dropout
2	0.89	F1 identified early GED recipient
3	1.67	F2 identified spring term 2004 dropout
4	0.23	F2 identified early GED recipient
-9	0.03	{Missing}

Weight used in frequency: (WTE000)

Notes: This variable categorizes spring term 2004 dropouts and early alternative completers as identified in the first follow-up, or identified retrospectively via the second follow-up interview or transcript data. F1 dropout questionnaire completers are coded as "F1 identified spring term 2004 dropouts" (see also F1DOQFLG). F1 early graduate questionnaire completers who had earned a GED are coded as "F1 identified early GED recipients" (see also F1EGQFLG). F1 student and transfer questionnaire completers who reported in F2 having dropped out in spring 2004 subsequent to F1 participation are coded as "F2 identified spring term 2004 dropouts". F1 nonrespondents are also classified as "F2 identified spring term 2004 dropouts" when reporting in F2 either- 1) they dropped out of school prior to May 2004 (and had not received a GED before April 2004) (F2A11), 2) they were not in school during the spring term of 2004 (F2A12), or 3) they were out of school for 4 or more consecutive weeks during the spring term of 2004 for

reasons other than illness or injury (F2A13). Finally, F1 nonrespondents are classified as "F2 identified early GED recipients" if they reported in the second follow-up interview that they had earned a GED prior to April 2004 (F2A02 and F2A03). When missing relevant F2 data (as a result of item or unit nonresponse), first follow-up nonrespondents are classified as early alternative completers if their transcript indicates receipt of a GED prior to April 2004.

Note: F2SP04DO updates F1DOSTAT.

Applies to: All ELS:2002 sample members.

Name: F2STEMOCC36

Label: STEM occupation flag for student's known expected occupation at age 30 as of F2 (STEM flag for F2ONET36)

Description: Indicates whether the respondent's expected occupation at age 30 as of the second follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Second follow-up questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	50.41	Not a STEM occupation
11	4.26	STEM occupation (see documentation re: '1A' designation)
12	1.62	STEM occupation (see documentation re: '1B' designation)
13	0.45	STEM occupation (see documentation re: '1C' designation)
15	0.27	STEM occupation (see documentation re: '1E' designation)
21	1.83	STEM occupation (see documentation re: '2A' designation)
23	0.28	STEM occupation (see documentation re: '2C' designation)
31	0.44	STEM occupation (see documentation re: '3A' designation)
41	10.64	STEM occupation (see documentation re: '4A' designation)
42	3.80	STEM occupation (see documentation re: '4B' designation)
99	0.59	STEM sub-domain and occupation type suppressed
-1	23.48	{Don't know}
-3	1.04	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.88	{Missing}

Weight used in frequency: (WTE000)

Notes: F2STEMOCC36 indicates whether the Occupational Information Network (O*NET) code associated with the respondent's expected occupation at age 30 as of the second follow-up (F2ONET36) is classified as STEM by the Bureau of Labor Statistics. F2STEMOCC36 further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below). See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations. STEM sub-domain- 1 Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations 2 Social Science Occupations 3 Architecture Occupations 4 Health Occupations 5 Split across 2 sub-domains STEM occupation type- A Research, Development, Design, or Practitioner Occupations B Technologist and Technician Occupations C Postsecondary Teaching Occupations D Managerial Occupations E Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F2STEMOCCC6

Label: STEM occupation flag for student's known current occupation as of F2 (STEM flag for F2ONETC6)

Description: Indicates whether the respondent's current/most recent occupation as of the second follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Second follow-up questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	30.99	Not a STEM occupation
12	0.28	STEM occupation (see documentation re: '1B' designation)
42	0.39	STEM occupation (see documentation re: '4B' designation)
99	0.51	STEM sub-domain and occupation type suppressed
-3	67.36	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.47	{Missing}

Weight used in frequency: (WTE000)

Notes: F2STEMOCCC6 indicates whether the Occupational Information Network (O*NET) code associated with the respondent's current/most recent occupation as of the second follow-up (F2ONETC6) is classified as STEM by the Bureau of Labor Statistics. F2STEMOCCC6 further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below). See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations. STEM sub-domain- 1 Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations 2 Social Science Occupations 3 Architecture Occupations 4 Health Occupations 5 Split across 2 sub-domains STEM occupation type- A Research, Development, Design, or Practitioner Occupations B Technologist and Technician Occupations C Postsecondary Teaching Occupations D Managerial Occupations E Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F2STEXP

Label: Student's expected level of academic achievement: second follow-up

Description: Indicates the highest level of education the student expected to complete as of 2006.

Source: ELS:2002 Second follow-up interview; Imputation

Descriptive Statistics:

Value	Percentage	Value label
1	0.30	Less than high school graduation only
2	1.86	GED or other equivalency only
3	5.54	High school graduation only
4	16.13	Attend or complete 2-year college/school
5	2.84	Attend college, 4-year degree incomplete
6	31.66	Graduate from college
7	23.26	Obtain Master's degree or equivalent
8	10.79	Obtain PhD, MD, or other advanced degree
9	7.63	Don't know
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
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Weight used in frequency: (WTE000)

Notes: This variable is taken directly from the second follow-up questionnaire (F2B30) and is imputed, when missing, for second follow-up respondents.

Applies to: All second follow-up respondents.

Name: F3A03C

Label: June 2012 activities: Serving in another work experience

Description: Indicates if the respondent was serving in another work experience during June 2012.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	83.04	No
1	7.02	Yes
-4	0.00	{Nonrespondent}
-7	9.49	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.45	{Missing}

Weight used in frequency: (WTH000)

Notes: Information from F3A01A--F3A01H was brought forward to F3A03A--F3A03H for cases where F3A02=1.

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those who indicated their June 2012 activities were the same as their current activities (i.e., all respondents except those where F3A02=1).

Name: F3A03F

Label: June 2012 activities: Keeping house

Description: Indicates if the respondent was keeping house during June 2012.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	72.67	No
1	17.30	Yes
-4	0.00	{Nonrespondent}
-7	9.49	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.54	{Missing}

Weight used in frequency: (WTH000)

Notes: Information from F3A01A--F3A01H was brought forward to F3A03A--F3A03H for cases where F3A02=1.

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those who indicated their June 2012 activities were the same as their current activities (i.e., all respondents except those where F3A02=1).

Name: F3A03G

Label: June 2012 activities: Caring for dependents

Description: Indicates if the respondent was caring for dependents during June 2012.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
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0	62.15	No
1	27.84	Yes
-4	0.00	{Nonrespondent}
-7	9.49	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.52	{Missing}

Weight used in frequency: (WTH000)

Notes: Information from F3A01A--F3A01H was brought forward to F3A03A--F3A03H for cases where F3A02=1.

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those who indicated their June 2012 activities were the same as their current activities (i.e., all respondents except those where F3A02=1).

Name: F3A03H

Label: June 2012 activities: Serving in the military

Description: Indicates if the respondent was serving in the military during June 2012.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	87.58	No
1	2.92	Yes
-4	0.00	{Nonrespondent}
-7	9.49	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.01	{Missing}

Weight used in frequency: (WTH000)

Notes: Information from F3A01A--F3A01H was brought forward to F3A03A--F3A03H for cases where F3A02=1.

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those who indicated their June 2012 activities were the same as their current activities (i.e., all respondents except those where F3A02=1).

Name: F3A15A

Label: Extent to which PSE prepared for life: Work and career

Description: Indicates the extent to which the respondent's postsecondary education prepared him or her for work and a career.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	47.87	Very important
2	21.33	Somewhat important
3	7.21	Not at all important
-3	15.62	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	7.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.83	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have ever attended a postsecondary institution (i.e., full-length questionnaire respondents where F3A11=1).

Name: F3A15B

Label: Extent to which PSE prepared for life: Further education

Description: Indicates the extent to which the respondent's postsecondary education prepared him or her for further education.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	47.75	Very important
2	21.30	Somewhat important
3	7.23	Not at all important
-3	15.62	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	7.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.96	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have ever attended a postsecondary institution (i.e., full-length questionnaire respondents where F3A11=1).

Name: F3A15C

Label: Extent to which PSE prepared for life: Establishing financial security

Description: Indicates the extent to which the respondent's postsecondary education prepared him or her for establishing financial security.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	43.38	Very important
2	20.29	Somewhat important
3	12.29	Not at all important
-3	15.62	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	7.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.27	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have ever attended a postsecondary institution (i.e., full-length questionnaire respondents where F3A11=1).

Name: F3A15D

Label: Extent to which PSE prepared for life: Civic participation

Description: Indicates the extent to which the respondent's postsecondary education prepared him or her for civic participation.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	21.44	Very important
2	31.61	Somewhat important
3	23.18	Not at all important
-3	15.62	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	7.14	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.00	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have ever attended a postsecondary institution (i.e., full-length questionnaire respondents where F3A11=1).

Name: F3A16B

Label: Reasons for no PS credential: Couldn't afford to continue going to school

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she couldn't afford to continue going to school.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	9.74	No
1	10.12	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.72	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16C

Label: Reasons for no PS credential: Would rather work and make money than continue going to school

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she would rather work and make money than continue going to school.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	10.73	No
1	9.11	Yes

-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.74	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16D

Label: Reasons for no PS credential: Change in family status

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she had a change in family status.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	12.71	No
1	7.15	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.72	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16E

Label: Reasons for no PS credential: Personal problems, injury, or illness

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she experienced personal problems, injury, or illness.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	15.28	No
1	4.54	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}

-9	1.76	{Missing}
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Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16F

Label: Reasons for no PS credential: Conflicts with demands at home

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she had conflicts with demands at home.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	14.66	No
1	5.18	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.75	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16G

Label: Reasons for no PS credential: Difficulty completing requirements

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because he or she had difficulty completing the requirements.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	17.00	No
1	2.83	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.75	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16H

Label: Reasons for no PS credential: Classes not available / class scheduling not convenient

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because the classes he or she wanted were not available / class scheduling not convenient.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	16.57	No
1	3.27	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.74	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A16I

Label: Reasons for no PS credential: Job or military considerations

Description: Indicates if the reason the respondent did not receive a postsecondary credential is because of job or military considerations.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	16.15	No
1	3.63	Yes
-3	75.25	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	3.16	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.80	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who have attended a postsecondary institution (but were not attending a postsecondary institution at the time of their F3 interview), and either (a) had not earned a postsecondary credential, or (b) had attended a 4-year institution but had not receive a credential from a 4-year institution.

Name: F3A27

Label: Whether R has a professional certification or license

Description: Indicates whether the respondent has a professional certification or license.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	64.17	No
1	25.72	Yes
-4	0.00	{Nonrespondent}
-7	9.65	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.47	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3A28A

Label: R is/was certified/licensed by state

Description: Indicates whether the respondent is/was certified or licensed by their state.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	5.08	No
1	20.06	Yes
-3	64.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.67	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.03	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents with a current professional certification or license (i.e., full-length questionnaire respondents where F3A27=1).

Name: F3A28B

Label: R is/was certified/licensed by a professional organization

Description: Indicates whether the respondent is/was certified or licensed by a professional organization.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	11.19	No
1	13.21	Yes
-3	64.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.65	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.77	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents with a current professional certification or license (i.e., full-length questionnaire respondents where F3A27=1).

Name: F3A28C

Label: R is/was certified/licensed by industry/company/some other organization

Description: Indicates whether the respondent is/was certified or licensed by an industry, company, or some other organization.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	14.87	No
1	9.56	Yes
-3	64.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.66	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.74	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents with a current professional certification or license (i.e., full-length questionnaire respondents where F3A27=1).

Name: F3ATTAINDATE

Label: Year/month received highest credential earned

Description: Indicates the month and year the respondent completed their highest level of education.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	94.29	Positive values, see statistics below
-3	3.58	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.14	{Missing}

Minimum	Maximum	Average	Standard Deviation
2002.00	2012.00	2006.81	2.84

Weight used in frequency: (WTH000)

Notes: The month and year the respondent completed the level of education indicated by F3ATTAINMENT. If F3ATTAINMENT indicates "no high school credential and no postsecondary attendance" (F3ATTAINMENT=1), then F3ATTAINDATE is set to -3; if F3ATTAINMENT indicates "some postsecondary attendance, but no postsecondary credential" (F3ATTAINMENT=3), then F3ATTAINDATE is set to the sample member's high school completion date (if available).

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been top-coded at 2012 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents whose highest level of education completed is a high school credential or greater (i.e., where F3ATTAINMENT>1).

Name: F3ATTAINMENT**Label:** Highest level of education earned as of F3**Description:** Indicates the respondent's highest level of education as of the third follow-up interview.**Source:** ELS:2002 Third follow-up questionnaire; Imputation.**Descriptive Statistics:**

Value	Percentage	Value label
1	3.09	No HS credential, no PS attendance
2	12.57	HS credential, no PS attendance
3	32.27	Some PS attendance, no PS credential
4	10.12	Undergraduate certificate
5	8.67	Associates degree
6	25.90	Bachelors degree
7	0.73	Post-Baccalaureate certificate
8	5.07	Master's degree/Post-Master's certificate
10	1.58	Doctoral degree
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: F3ATTAINMENT is imputed when missing for third follow-up respondents (use F3ATTAINMENTIM to identify imputed F3ATTAINMENT values).

For the purpose of disclosure avoidance, "Post-master's certificate" recoded as "master's degree" on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents.**Name:** F3B01**Label:** Whether R has ever been in the military**Description:** Indicates whether the respondent has ever been in the military.**Source:** Third follow-up questionnaire.**Descriptive Statistics:**

Value	Percentage	Value label
0	84.95	No
1	2.05	Yes
-3	3.32	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.35	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.32	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents, except those who had already indicated they were currently serving in the military (F3A01H=1) and/or were serving in the military as of June 2012 (F3A03H=1).**Name:** F3B24**Label:** Whether current/most recent employer offers medical insurance**Description:** Indicates whether the respondent's current/most recent employer offers medical insurance.**Source:** Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	23.55	No
1	59.09	Yes
-3	7.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.45	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.74	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who had worked for pay (or served in the military) since January 2006, and were not self-employed at their current/most recent job (i.e., respondents where F3B09=1 and F3B17<>1).

Name: F3B29**Label:** Relationship between current/most recent job and career goals**Description:** Indicates the relationship between the respondent's current/most recent job and career goals.**Source:** Third follow-up questionnaire.**Descriptive Statistics:**

Value	Percentage	Value label
1	8.21	It fulfills your long-term career goals.
2	46.84	It is a step on the path to your long-term career goals.
3	27.81	It is not related to your long-term career goals.
4	4.72	You do not have long-term career goals.
-3	2.10	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.51	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.80	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who had worked for pay (or served in the military) since January 2006 (i.e., respondents where F3B09=1).

Name: F3BYEDEXPFF**Label:** Fulfillment of BY educational expectations as of F3

Description: This variable compares the sample member's highest level of education as of the third follow-up (F3ATTAINMENT) to their base-year educational expectations (BYSTEXP), and indicates whether the respondent exceeded those expectations, met those expectations exactly, or did not meet those expectations.

Source: Variable source information will be made available in the next draft**Descriptive Statistics:**

Value	Percentage	Value label
1	7.05	Exceeded BY expectations
2	14.30	Met BY expectations exactly

3	56.82	Did not meet BY expectations
4	8.79	BY expectations were 'don't know'
5	5.94	BY expectations and F3 attainment are not comparable
-9	7.11	{Missing}

Weight used in frequency: (WTI000)

Notes: Sample members coded as "base-year expectations and third follow-up attainment are not comparable" (F3BYEDEXPFF=5) are those whose base year expectations were "attend or complete a 2-year school course in a community college or vocational school" (BYSTEXP=3) or "attend college, but not complete a 4-year degree" (BYSTEXP=4), but their educational attainment as of the third follow-up was "some postsecondary attendance, no postsecondary credential" (F3ATTAINMENT=3), "undergraduate certificate" (F3ATTAINMENT=4), or "associate's degree" (F3ATTAINMENT=5).

Note: Since nonmissing F3BYEDEXPFF values are dependent on both base-year and third follow-up response, analyses involving F3BYEDEXPFF are best conducted using the panel weight F3BYPNLWT.

Applies to: All ELS:2002 sample members.

Name: F3BYONET302

Label: 2-digit ONET code for student's expected occupation at age 30 as of BY (ONET version of BYOCC30)

Description: Indicates the Occupational Information Network (O*NET) code (2-digit general category) associated with the respondent's anticipated occupation at age 30 as of the base year round.

Source: ELS:2002 Base-Year Student Questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
11	3.30	Management Occupations
13	1.42	Business and Financial Operations Occupations
15	2.49	Computer and Mathematical Occupations
17	4.10	Architecture and Engineering Occupations
19	4.04	Life, Physical, and Social Science Occupations
21	1.08	Community and Social Services Occupations
23	3.95	Legal Occupations
25	3.94	Education, Training, and Library Occupations
27	9.12	Arts, Design, Entertainment, Sports, and Media Occupations
29	12.43	Healthcare Practitioners and Technical Occupations
31	0.38	Healthcare Support Occupations
33	2.01	Protective Service Occupations
35	0.78	Food Preparation and Serving Related Occupations
39	1.68	Personal Care and Service Occupations
41	0.63	Sales and Related Occupations
43	0.65	Office and Administrative Support Occupations
47	0.85	Construction and Extraction Occupations
49	1.10	Installation, Maintenance, and Repair Occupations
51	0.48	Production Occupations

53	0.78	Transportation and Material Moving Occupations
55	0.98	Military Specific Occupations
-1	30.53	{Don't know}
-2	0.01	{Refused}
-3	0.89	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	12.37	{Missing}

Weight used in frequency: (WTA000)

Notes: In the base year and first follow-up rounds of ELS-2002, student respondents were asked to provide a job title for the occupation they anticipated having at age 30. These data were collected as text strings, which were not matched to O*NET occupation descriptions as was done in the second and third follow-up rounds. As a means of facilitating cross-round occupation comparisons (BY and F1 vs. F2 and F3) and the construction of O*NET-based STEM-related composite variables (e.g., F3BYSTEMOC30 - STEM occupation flag for student's known expected occupation at age 30 as of BY), the base-year and first follow-up occupation-related text strings were coded with O*NET occupation codes. For additional information regarding O*NET coding for variables constructed in the base year or first follow-up rounds, see section 4.3 of the postsecondary transcript DFD. Some records set to missing (-9) for the purpose of disclosure avoidance.

Name: F3BYSTEMOC30

Label: STEM occupation flag for student's known expected occupation at age 30 as of BY (STEM flag for F3BYONET306)

Description: Indicates whether the respondent's expected occupation at age 30 as of the base year is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Base-Year Student Questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	33.11	Not a STEM occupation
11	5.11	STEM occupation (see documentation re: '1A' designation)
12	1.61	STEM occupation (see documentation re: '1B' designation)
21	0.97	STEM occupation (see documentation re: '2A' designation)
31	1.52	STEM occupation (see documentation re: '3A' designation)
41	11.32	STEM occupation (see documentation re: '4A' designation)
42	0.96	STEM occupation (see documentation re: '4B' designation)
99	0.29	STEM sub-domain and occupation type suppressed
-1	30.53	{Don't know}
-2	0.01	{Refused}
-3	0.89	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	13.69	{Missing}

Weight used in frequency: (WTA000)

Notes: F3BYSTEMOC30 indicates whether the Occupational Information Network (O*NET) code associated with the respondent's expected occupation at age 30 as of the base year (F3BYONET306) is classified as STEM by the Bureau of Labor Statistics. F3BYSTEMOC30 further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below).

See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations. STEM sub-domain- 1 Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations 2 Social Science Occupations 3 Architecture Occupations 4 Health Occupations 5 Split across 2 sub-domains STEM occupation type- A Research, Development, Design, or Practitioner Occupations B Technologist and Technician Occupations C Postsecondary Teaching Occupations D Managerial Occupations E Sales Occupations For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3C07

Label: Ever unemployed since January 2009

Description: Indicates if the respondent was ever unemployed since January 2009.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	58.86	No
1	39.90	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.24	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up respondents.

Name: F3C08

Label: Total number of months unemployed since January 2009

Description: Indicates the total number of months the respondent was unemployed since January 2009.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	39.29	Positive values, see statistics below
-3	58.86	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.85	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	48.00	9.78	9.70

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up respondents who indicated they had been unemployed for a month or more since January 2009 (i.e., all respondents where F3C07=1).

Name: F3CNSDUE

Label: Consolidated loan: amount owed, principal and interest (as of F3)

Description: This variable is the sum of consolidation loans owed, both principal and interest, as of spring 2013.

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Label
Continuous	7.30	Positive values, see statistics below
0	53.47	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
1000.00	100000.00	22082.00	24451.22

Weight used in frequency: (WTH000)

Notes: Based primarily on the total amount outstanding as reported in the National Student Loan Data System history files. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Name: F3CNSOWED

Label: Consolidated loan: amount owed (as of F3)

Description: This variable is the sum of consolidation loans owed (principal only) as of spring 2013.

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Label
Continuous	7.30	Positive values, see statistics below
0	53.47	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
1000.00	100000.00	21587.12	24078.03

Weight used in frequency: (WTH000)

Notes: Based primarily on the total amount outstanding as reported in the National Student Loan Data System history files. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Name: F3CURRV30

Label: Current/most recent job v. expected age-30 occupation

Description: This variable compares the Occupational Information Network (O*NET) code associated with the respondent's current or most recent job (F3ONET6CURR) to the O*NET code associated with the respondent's anticipated occupation at age 30 (F3ONET6AGE30).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	20.43	Current/most recent job matches age 30 job at 6-digit ONET level

2	4.73	Current/most recent job matches age 30 job at 3-digit ONET level
3	6.69	Current/most recent job matches age 30 job at 2-digit ONET level
4	48.22	ONET code for current/most job does not match ONET code for age 30 job
-3	19.07	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.86	{Missing}

Weight used in frequency: (WTH000)

Notes: F3CURRV30 indicates whether there is a match between those two O*NET codes, and if there is, whether the two codes match at the 2-digit (general) level, the 3-digit mid-level, or the 6-digit (specific) level. Jobs which match at the 6-digit level (indicating the respondent's current/most recent job is the same, or nearly the same, as their anticipated age 30 occupation), are more related than jobs which match at the 3-digit level only, just as jobs which match at the 3-digit level are more related than jobs which match at the 2-digit level only. Respondents who indicated that they have not worked for pay since January 2006 (F3B09=0), as well as respondents who indicated "don't know" or "don't plan to work for pay" for their expected age-30 occupation, are coded as F3CURRV30 = -3 (legitimate skip). See www.onetonline.org for further information regarding the O*NET codeframe.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3D06

Label: Whether R has any biological children

Description: Indicates whether the respondent has any biological children.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	65.33	No
1	33.69	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.98	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up respondents.

Name: F3D10

Label: Whether R has ever adopted a child

Description: Indicates whether the respondent has ever adopted a child.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	88.74	No
1	0.38	Yes
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.07	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D18

Label: Whether R has dependents

Description: Indicates whether the respondent has any dependents.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	59.13	No
1	29.80	Yes
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.25	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D24

Label: Whether received public assistance during 2011

Description: Indicates whether the respondent received public assistance during 2011.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	72.20	No
1	16.53	Yes
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.46	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D25

Label: Whether received financial assistance from parents during last 12 months

Description: Indicates whether the respondent received financial assistance from his or her parents during last 12 months.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	66.90	No
1	21.96	Yes
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}

-8	0.00	{Survey component legitimate skip/NA}
-9	1.33	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D26

Label: 2011 income from sources other than employment

Description: Indicates the 2011 income from sources other than employment of the respondent.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	25.71	Positive values, see statistics below
0	60.87	Zero
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.61	{Missing}

Minimum	Maximum	Average	Standard Deviation
50.00	98000.00	6751.69	11508.49

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D30

Label: Whether owns home / rents / has some other arrangement

Description: Indicates whether the respondent owns their own home, rents, or has some other arrangement.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	18.24	Pays mortgage towards or owns home
2	43.55	Pays rent
3	6.84	Has some other arrangement
-3	19.97	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.59	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those who are currently living with one or more parent/guardian (i.e., all F3 full-length questionnaire respondents except those where F3D16=1).

Name: F3D33

Label: Total non-mortgage debt

Description: Indicates the total non-mortgage debt of the respondent.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	75.88	Positive values, see statistics below
0	20.31	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	3.82	{Missing}

Minimum	Maximum	Average	Standard Deviation
100.00	500000.00	33493.88	46842.18

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up respondents.

Name: F3D35

Label: Difference between assets and debts

Description: Indicates the difference between assets and debts of the respondent.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	62.45	Positive values, see statistics below
0	19.75	Zero
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	7.98	{Missing}

Minimum	Maximum	Average	Standard Deviation
100.00	1500000.00	41493.90	105580.52

Weight used in frequency: (WTH000)

Notes: F3D35 is set to 0 for cases where F3D34=2.

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents except those where F3D34=2.

Name: F3D36

Label: Subjective rating of financial stress

Description: Indicates the subjective rating of financial stress of the respondent.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	13.19	1=Not at all stressful

2	14.68	2
3	28.10	3=Moderately stressful
4	14.05	4
5	18.76	5=Extremely stressful
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.40	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D40

Label: Performed unpaid volunteer work during the last 2 years

Description: Indicates if the respondent performed unpaid volunteer work during the last 2 years.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	54.19	No
1	34.92	Yes
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.08	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3D42

Label: Frequency of volunteer service

Description: Indicates the frequency of respondent's volunteer service.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	16.53	Less than once a month
2	10.85	At least once a month but not weekly
3	7.39	At least once a week
-3	54.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.24	{Missing}

Weight used in frequency: (WTH000)

Applies to: ELS:2002 third follow-up full-length questionnaire respondents who indicated they had performed volunteer or community service during the last two years.

Name: F3D43

Label: Frequency of philanthropic giving/donations

Description: Indicates the frequency of the respondent's philanthropic giving/donations.

Source: Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	25.63	1=Never
2	25.36	2
3	22.91	3
4	7.24	4
5	7.57	5=Always
-4	0.00	{Nonrespondent}
-7	9.81	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.47	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 third follow-up full-length questionnaire respondents.

Name: F3EDSTAT

Label: Postsecondary enrollment status as of the F3 interview

Description: Indicates the respondent's postsecondary enrollment status as of the third follow-up interview.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS); Imputation.

Descriptive Statistics:

Value	Percentage	Value label
1	14.19	Currently taking courses at a 4-year school
2	6.51	Currently taking courses at a 2-year school
3	1.17	Currently taking courses at less-than-2-year school
4	1.93	Currently taking courses, institutional level unknown
5	60.54	Not currently enrolled, but has previous PS attendance
6	15.66	No PS attendance
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: F3EDSTAT is imputed when missing for third follow-up respondents (use F3EDSTATIM to identify imputed F3EDSTAT values). Respondents are coded as "currently taking courses, institutional level unknown" (F3EDSTAT=4) when they were known to be taking postsecondary courses as of their third follow-up interview (F3A01D=1 and/or F3A01E=1), and one of the following is true- (1) their current institution is unknown; (2) the level of their current institution is unknown; or (3) there is an inconsistency between respondent report and the level of their current institution as indicated by IPEDS data, e.g., the respondent reports they are currently attending a 2- or 4-year school (F3A01D=1), but IPEDS data indicates the level of their current institution is a <2-year school (F3PSLLVL=3).

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3EMPSTAT

Label: Employment status as of the F3 interview

Description: This variable characterizes the respondent's employment status as of their third follow-up interview in terms of the number and type (full-time v. part-time) of job(s) they were working.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	57.44	Working one FT job (>=35 hrs/wk)
2	9.71	Working a FT job (>=35 hrs/wk) as well as 1 or more other job(s)
3	1.94	Working 2+ PT jobs (<35 hrs/wk each) totaling 35+ hrs/wk
4	11.37	Working one PT job (<35 hrs/wk)
5	1.66	Working 2+ PT jobs totaling <35 hrs/wk
6	11.00	Unemployed
7	6.89	Out of the labor force
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: If the respondent was working multiple jobs, F3EMPSTAT also indicates the number of hours worked across all their jobs. If the respondent was not working for pay as of their third follow-up interview, F3EMPSTAT distinguishes between those looking for work ("unemployed") and those not looking for work ("out of the labor force"). F3EMPSTAT is built from third follow-up survey variables, and is imputed when missing for third follow-up respondents. Use variable F3EMPSTATIM to identify imputed values for F3EMPSTAT.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3ERN2011

Label: 2011 employment income: R only

Description: The respondent's earnings from employment during the 2011 calendar year are drawn directly from the third follow-up interview when available (F3D20), and are imputed when missing. Imputed values for F3ERN2011 can be identified by using F3ERN2011IM.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	88.54	Positive values, see statistics below
0	11.46	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
100.00	250000.00	28520.46	22184.34

Weight used in frequency: (WTH000)

Notes: For disclosure avoidance purposes, F3ERN2011 was top-coded at \$600,000.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3EVERDO

Label: F3 ever dropped out of high school (updated version of F2EVERDO)

Description: Indicates if the F3 sample member ever dropped out of high school (updated version of F2EVERDO).

Source: First follow-up survey control system; High School Transcripts; Second follow-up questionnaire; Third follow-up questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	87.30	No evidence of a high school dropout episode
1	12.70	Evidence of a high school dropout episode

Weight used in frequency: (WTH000)

Notes: F3EVERDO updates F2EVERDO in cases where third follow-up questionnaire responses indicate receipt of a GED, or indicate the respondent has not earned a high school credential; F3EVERDO is therefore ultimately built from information collected from the first follow-up survey control system, from high school transcripts, and during the second and third follow-ups. See F2EVERDO for more information on the previous version of this variable.

Note: While the third follow-up interview included questions regarding high school completion status, it did not include questions regarding high school dropout episodes (questions regarding high school dropout episodes were last asked as a part of the 2006 second follow-up questionnaire). Data users should therefore note the existence of cases where no direct evidence of a high school dropout episode was ever obtained (F3EVERDO=0), but the high school completion date (F3HSCPDR) is much later than expected for a 2002 high school sophomore and/or 2004 high school senior.

Applies to: All ELS:2002 sample members.

Name: F3EVR2YR

Label: Ever attended a 2-year institution

Description: Indicates whether the respondent has ever attended a two-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	38.12	No
1	45.29	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.92	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVR2YR indicates whether there is a two-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVR4YR

Label: Ever attended a 4-year institution

Description: Indicates whether the respondent has ever attended a four-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	25.07	No
1	58.31	Yes
-3	15.66	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.95	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVR4YR indicates whether there is a four-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRATT

Label: Ever attended a postsecondary institution

Description: This variable indicates whether the respondent has ever attended a postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	15.66	No postsecondary enrollment
1	84.34	Has some postsecondary enrollment
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: It is taken directly from the third follow-up interview (F3A11) if available, and imputed for third follow-up respondents if missing (use F3EVRATTIM to identify imputed F3EVRATT values).

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3EVRGED

Label: Ever earned GED/equivalency

Description: Indicates if the F3 sample member ever earned a GED or equivalency (updated version of F2EVRGED).

Source: Variable source information will be made available in the next draft

Descriptive Statistics:

Value	Percentage	Value label
0	93.85	No evidence of receiving a GED/equivalent
1	6.15	Evidence of receiving a GED/equivalent

Weight used in frequency: (WTH000)

Notes: F3EVRGED updates F2EVRGED in cases where third follow-up questionnaire responses indicate receipt of a GED; F3EVRGED is therefore ultimately built from information collected during the first follow-up, the second follow-up, the third follow-up, from high school transcripts, and from the GED Testing Program. See F2EVRGED for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up; see the F2 GED File ("GED.PRI") for external source data drawn from the American Council on Education (ACE) GED Testing Service. Note that, as a part of the ELS-2002 postsecondary transcript data release, an updated version of F3EVRGED (F3EVRGED_U) was constructed using match data received from the American Council on Education (ACE) GED Testing Service. For information on which sample members GED Testing Service data were collected for, see F3GEDMATCH.

Applies to: All ELS:2002 sample members.

Name: F3EVRHI4

Label: Ever attended a highly-selective 4-year institution

Description: Indicates whether the respondent has ever attended a highly-selective four-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	53.20	No
1	18.15	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	12.99	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRHI4 indicates whether there is a highly-selective four-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile). Four-year institutions coded as "highly selective" refer to those whose first-year students' test scores places them in roughly the top fifth of baccalaureate institutions.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRINCL4

Label: Ever attended an inclusive 4-year institution

Description: Indicates whether the respondent has ever attended an inclusive four-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	57.79	No
1	12.73	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	13.81	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRINCL4 indicates whether there is an inclusive four-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile). Four-year institutions coded as "inclusive" either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRJOB

Label: Ever worked for pay since January 2006

Description: This variable indicates whether the respondent has ever worked for pay since January 2006.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	2.12	No
1	97.88	Yes

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: It is drawn directly from the third follow-up survey when available (F3B09), and is imputed when missing. Use variable F3EVRJOBIM to identify imputed values for F3EVRJOB.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3EVRLT2

Label: Ever attended a less-than 2-year institution

Description: Indicates whether the respondent has ever attended a less-than two-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	74.99	No
1	7.81	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.54	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRLT2 indicates whether there is a less-than two-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRMOD4

Label: Ever attended a moderately-selective 4-year institution

Description: Indicates whether the respondent has ever attended a moderately-selective four-year postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	43.41	No
1	29.33	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	11.59	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRMOD4 indicates whether there is a moderately-selective four-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile). Four-year institutions coded as "moderately selective" refer to those whose first-year students' test scores places them in roughly the middle two-fifths of baccalaureate institutions.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRPRIFOR

Label: Ever attended a private for-profit PS institution

Description: Indicates whether the respondent has ever attended a private for-profit postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	67.34	No
1	15.42	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.58	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRPRIFOR indicates whether there is a private for-profit postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRPRINOT

Label: Ever attended a private not-for-profit PS institution

Description: Indicates whether the respondent has ever attended a private not-for-profit postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	61.95	No
1	20.83	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.55	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRPRINOT indicates whether there is a private not-for-profit postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3EVRPUB

Label: Ever attended a public PS institution

Description: Indicates whether the respondent has ever attended a public postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	14.04	No
1	69.48	Yes
-3	15.66	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.82	{Missing}

Weight used in frequency: (WTH000)

Notes: F3EVRPUB indicates whether there is a public postsecondary institution associated with the respondent on the ELS third follow-up student-institution file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3F1EDEXPFF

Label: Fulfillment of F1 educational expectations as of F3

Description: This variable compares the sample member's highest level of education as of the third follow-up (F3ATTAINMENT) to their educational expectations as of the first follow-up (F1STEXP), and indicates whether the respondent exceeded those expectations, met those expectations exactly, or did not meet those expectations.

Source: Variable source information will be made available in the next draft

Descriptive Statistics:

Value	Percentage	Value label
1	6.20	Exceeded F1 expectations
2	16.83	Met F1 expectations exactly
3	53.96	Did not meet F1 expectations
4	9.28	F1 expectations were 'don't know'
5	13.47	F1 expectations and F3 attainment are not comparable
-9	0.27	{Missing}

Weight used in frequency: (WTK000)

Notes: Sample members coded as "first follow-up expectations and third follow-up attainment are not comparable" (F3F1EDEXPFF=5) are those whose expectations as of the first follow-up were "attend or complete a 1- or 2-year program in a community college or vocational school" (F1STEXP=4) or "attend college, but not complete a 4- or 5-year degree" (F1STEXP=5), but their educational attainment as of the third follow-up was "some postsecondary attendance, no postsecondary credential" (F3ATTAINMENT=3), "undergraduate certificate" (F3ATTAINMENT=4), or "associate's degree" (F3ATTAINMENT=5).

Note: Since nonmissing F3F1EDEXPFF values are dependent on both first follow-up and third follow-up response, analyses involving F3F1EDEXPFF are best conducted using the panel weight F3F1PNLWT.

Applies to: All ELS:2002 sample members.

Name: F3F1ONET302

Label: 2-digit ONET code for student's expected occupation at age 30 as of F1 (ONET version of F1OCC30)

Description: Indicates the Occupational Information Network (O*NET) code (2-digit general category) associated with the respondent's anticipated occupation at age 30 as of the first follow-up round.

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires; Imputation

Descriptive Statistics:

Value	Percentage	Value label
11	5.77	Management Occupations
13	2.47	Business and Financial Operations Occupations
15	2.27	Computer and Mathematical Occupations
17	4.18	Architecture and Engineering Occupations
19	3.59	Life, Physical, and Social Science Occupations

21	1.38	Community and Social Services Occupations
23	2.71	Legal Occupations
25	5.95	Education, Training, and Library Occupations
27	7.71	Arts, Design, Entertainment, Sports, and Media Occupations
29	15.28	Healthcare Practitioners and Technical Occupations
31	0.95	Healthcare Support Occupations
33	2.49	Protective Service Occupations
35	0.73	Food Preparation and Serving Related Occupations
39	2.14	Personal Care and Service Occupations
41	1.04	Sales and Related Occupations
43	0.83	Office and Administrative Support Occupations
47	1.57	Construction and Extraction Occupations
49	2.13	Installation, Maintenance, and Repair Occupations
51	0.76	Production Occupations
53	0.63	Transportation and Material Moving Occupations
55	1.15	Military Specific Occupations
-1	29.22	{Don't know}
-2	0.02	{Refused}
-3	0.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	0.19	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.17	{Missing}

Weight used in frequency: (WTB000)

Notes: In the base year and first follow-up rounds of ELS-2002, student respondents were asked to provide a job title for the occupation they anticipated having at age 30. These data were collected as text strings, which were not matched to O*NET occupation descriptions as was done in the second and third follow-up rounds. As a means of facilitating cross-round occupation comparisons (BY and F1 vs. F2 and F3) and the construction of O*NET-based STEM-related composite variables (e.g., F3BYSTEMOC30 - STEM occupation flag for student's known expected occupation at age 30 as of BY), the base-year and first follow-up occupation-related text strings were coded with O*NET occupation codes. For additional information regarding O*NET coding for variables constructed in the base year or first follow-up rounds, see section 4.3 of the postsecondary transcript DFD. Some records set to missing (-9) for the purpose of disclosure avoidance.

Name: F3F1ONETF2

Label: 2-digit ONET code for father/male guardian's occupation as of F1 (ONET version of F1OCCUF)

Description: Indicates the Occupational Information Network (O*NET) code (2-digit general category) associated with the father/male guardian's occupation as of the first follow-up round.

Source: ELS:2002 Parent Questionnaire; Base-Year Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
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11	16.03	Management Occupations
13	2.61	Business and Financial Operations Occupations
15	2.12	Computer and Mathematical Occupations
17	3.18	Architecture and Engineering Occupations
19	0.96	Life, Physical, and Social Science Occupations
21	0.96	Community and Social Services Occupations
23	0.96	Legal Occupations
25	2.10	Education, Training, and Library Occupations
27	1.26	Arts, Design, Entertainment, Sports, and Media Occupations
29	2.31	Healthcare Practitioners and Technical Occupations
31	0.42	Healthcare Support Occupations
33	2.93	Protective Service Occupations
35	1.43	Food Preparation and Serving Related Occupations
37	1.77	Building and Grounds Cleaning and Maintenance Occupations
39	0.57	Personal Care and Service Occupations
41	4.66	Sales and Related Occupations
43	3.35	Office and Administrative Support Occupations
45	1.31	Farming, Fishing, and Forestry Occupations
47	9.09	Construction and Extraction Occupations
49	7.03	Installation, Maintenance, and Repair Occupations
51	8.00	Production Occupations
53	6.87	Transportation and Material Moving Occupations
55	0.99	Military Specific Occupations
-3	0.75	{Item legitimate skip/NA}
-9	18.37	{Missing}

Weight used in frequency: (WTB000)

Notes: In the base year round of ELS-2002, parent respondents were asked to provide the job title and duties for their own current occupation as well as their spouse's occupation. In addition, student respondents (in the base year and first follow-up rounds) were asked to provide a job title and duties for their parents' occupations. These data were collected as text strings, which were not matched to O*NET occupation descriptions as was done in the second and third follow-up rounds. As a means of facilitating cross-round occupation comparisons (BY and F1 vs. F2 and F3) and the construction of O*NET-based STEM-related composite variables (e.g., F3F1STEMOCCM - STEM code for mother/female guardian's occupation as of F1), the base-year and first follow-up occupation-related text strings were coded with O*NET occupation codes. For additional information regarding O*NET coding for variables constructed in the base year or first follow-up rounds, see section 4.3 of the postsecondary transcript DFD.

Name: F3F1ONETM2

Label: 2-digit ONET code for mother/female guardian's occupation as of F1 (ONET version of F1OCCUM)

Description: Indicates the Occupational Information Network (O*NET) code (2-digit general category) associated with the mother/female guardian's occupation as of the first follow-up round.

Source: ELS:2002 Parent Questionnaire; Base-Year Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
11	9.94	Management Occupations
13	3.89	Business and Financial Operations Occupations
15	0.99	Computer and Mathematical Occupations
17	0.49	Architecture and Engineering Occupations
19	0.59	Life, Physical, and Social Science Occupations
21	1.74	Community and Social Services Occupations
23	0.96	Legal Occupations
25	9.27	Education, Training, and Library Occupations
27	1.65	Arts, Design, Entertainment, Sports, and Media Occupations
29	8.17	Healthcare Practitioners and Technical Occupations
31	3.79	Healthcare Support Occupations
33	0.64	Protective Service Occupations
35	4.46	Food Preparation and Serving Related Occupations
37	2.83	Building and Grounds Cleaning and Maintenance Occupations
39	3.68	Personal Care and Service Occupations
41	6.45	Sales and Related Occupations
43	16.88	Office and Administrative Support Occupations
45	0.52	Farming, Fishing, and Forestry Occupations
47	0.51	Construction and Extraction Occupations
49	0.52	Installation, Maintenance, and Repair Occupations
51	5.10	Production Occupations
53	2.37	Transportation and Material Moving Occupations
-3	3.11	{Item legitimate skip/NA}
-9	11.43	{Missing}

Weight used in frequency: (WTB000)

Notes: In the base year round of ELS-2002, parent respondents were asked to provide the job title and duties for their own current occupation as well as their spouse's occupation. In addition, student respondents (in the base year and first follow-up rounds) were asked to provide a job title and duties for their parents' occupations. These data were collected as text strings, which were not matched to O*NET occupation descriptions as was done in the second and third follow-up rounds. As a means of facilitating cross-round occupation comparisons (BY and F1 vs. F2 and F3) and the construction of O*NET-based STEM-related composite variables (e.g., F3F1STEMOCCM - STEM code for mother/female guardian's occupation as of F1), the base-year and first follow-up occupation-related text strings were coded with O*NET occupation codes. For additional information regarding O*NET coding for variables constructed in the base year or first follow-up rounds, see section 4.3 of the postsecondary transcript DFD. Some records set to missing (-9) for the purpose of disclosure avoidance.

Name: F3F1STEMOC30

Label: STEM occupation flag for student's known expected occupation at age 30 as of F1 (STEM flag for F3F1ONET306)

Description: Indicates whether the respondent's expected occupation at age 30 as of the first follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout Questionnaires; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	40.41	Not a STEM occupation
11	5.15	STEM occupation (see documentation re: '1A' designation)
12	1.48	STEM occupation (see documentation re: '1B' designation)
21	1.10	STEM occupation (see documentation re: '2A' designation)
31	0.84	STEM occupation (see documentation re: '3A' designation)
41	13.36	STEM occupation (see documentation re: '4A' designation)
42	1.81	STEM occupation (see documentation re: '4B' designation)
99	0.38	STEM sub-domain and occupation type suppressed
-1	29.22	{Don't know}
-2	0.02	{Refused}
-3	0.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-7	0.19	{Not administered; abbreviated interview or breakoff}
-8	0.00	{Survey component legitimate skip/NA}
-9	5.38	{Missing}

Weight used in frequency: (WTB000)

Notes: F3F1STEMOC30 indicates whether the Occupational Information Network (O*NET) code associated with the respondent's expected occupation at age 30 as of the first follow-up (F3F1ONET306) is classified as STEM by the Bureau of Labor Statistics. F3F1STEMOC30 further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below).

See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations.

STEM sub-domain:

1. Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations
2. Social Science Occupations
3. Architecture Occupations
4. Health Occupations
5. Split across 2 sub-domains

STEM occupation type:

- A. Research, Development, Design, or Practitioner Occupations
- B. Technologist and Technician Occupations
- C. Postsecondary Teaching Occupations
- D. Managerial Occupations
- E. Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3F1STEMOCCF

Label: STEM occupation flag for father/male guardian's known occupation as of F1 (STEM flag for F3F1ONETF6)

Description: Indicates whether the father/male guardian's occupation as of the first follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Parent Questionnaire; Base-Year Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	71.25	Not a STEM occupation
11	4.20	STEM occupation (see documentation re: '1A' designation)
12	1.56	STEM occupation (see documentation re: '1B' designation)
14	0.27	STEM occupation (see documentation re: '1D' designation)
15	0.35	STEM occupation (see documentation re: '1E' designation)
21	0.16	STEM occupation (see documentation re: '2A' designation)
31	0.20	STEM occupation (see documentation re: '3A' designation)
41	1.82	STEM occupation (see documentation re: '4A' designation)
42	0.49	STEM occupation (see documentation re: '4B' designation)
99	0.57	STEM sub-domain and occupation type suppressed
-3	0.75	{Item legitimate skip/NA}
-9	18.38	{Missing}

Weight used in frequency: (WTB000)

Notes: F3F1STEMOCCF indicates whether the Occupational Information Network (O*NET) code associated with the father/male guardian's occupation as of the first follow-up (F3F1ONETF6) is classified as STEM by the Bureau of Labor Statistics. F3F1STEMOCCF further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below).

See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations.

STEM sub-domain:

1. Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations
2. Social Science Occupations
3. Architecture Occupations
4. Health Occupations
5. Split across 2 sub-domains

STEM occupation type:

- A. Research, Development, Design, or Practitioner Occupations
- B. Technologist and Technician Occupations
- C. Postsecondary Teaching Occupations
- D. Managerial Occupations
- E. Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3F1STEMOCCM

Label: STEM occupation flag for mother/female guardian's known occupation as of F1 (STEM flag for F3F1ONETM6)

Description: Indicates whether the mother/female guardian's occupation as of the first follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Parent Questionnaire; Base-Year Student Questionnaire; ELS:2002 First follow-up New Participant Supplement; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	74.52	Not a STEM occupation
11	1.03	STEM occupation (see documentation re: '1A' designation)
12	0.71	STEM occupation (see documentation re: '1B' designation)
15	0.15	STEM occupation (see documentation re: '1E' designation)
21	0.19	STEM occupation (see documentation re: '2A' designation)
41	5.75	STEM occupation (see documentation re: '4A' designation)
42	2.42	STEM occupation (see documentation re: '4B' designation)
44	0.51	STEM occupation (see documentation re: '4D' designation)
99	0.33	STEM sub-domain and occupation type suppressed
-3	3.11	{Item legitimate skip/NA}
-9	11.28	{Missing}

Weight used in frequency: (WTB000)

Notes: F3F1STEMOCCM indicates whether the Occupational Information Network (O*NET) code associated with the mother/female guardian's occupation as of the first follow-up (F3F1ONETM6) is classified as STEM by the Bureau of Labor Statistics. F3F1STEMOCCM further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below).

See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations.

STEM sub-domain:

1. Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations
2. Social Science Occupations
3. Architecture Occupations
4. Health Occupations
5. Split across 2 sub-domains

STEM occupation type:

- A. Research, Development, Design, or Practitioner Occupations
- B. Technologist and Technician Occupations
- C. Postsecondary Teaching Occupations
- D. Managerial Occupations
- E. Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3FEDCUM3

Label: Cumulative federal loan amount for undergrad and grad

Description: Indicates the cumulative federal loan amount borrowed for undergraduate and graduate education.

Source: National Student Loan Data System

Descriptive Statistics:

Value	Percentage	Label
Continuous	50.15	Positive values, see statistics below
0	10.62	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
700.00	215000.00	24861.34	32813.30

Weight used in frequency: (WTH000)

Notes: Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS. Excludes Direct PLUS Loans to parents of undergraduate students, which are only available to the parents of dependent undergraduates.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3FEDDUE3

Label: Cumulative federal loan amount owed, principal and interest, for undergraduate or graduate education

Description: Indicates total amount owed, both principal and interest, on all federal loans.

Source: National Student Loan Data System

Descriptive Statistics:

Value	Percentage	Label
Continuous	43.26	Positive values, see statistics below
0	17.51	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
115.00	260000.00	27573.07	37921.77

Weight used in frequency: (WTH000)

Notes: Based primarily on the total amount outstanding as reported in the National Student Loan Data System history files. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3FURTHERED

Label: Whether R has already attained expected highest level of education

Description: This variable compares the respondent's highest level of education (F3ATTAINMENT) to the highest level of education they ever expect to receive (F3STEXP), and indicates whether or not they have already attained their highest expected education level.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	28.81	R has already attained highest expected education level
2	60.69	R has not yet attained highest expected education level
-3	10.50	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: blank

Applies to: All ELS:2002 Third follow-up respondents except those who indicated "don't know" for the highest level of education they ever expect to complete.

Name: F3GEDPRG

Label: Program in which GED was earned

Description: Indicates the program in which GED was earned.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	2.19	No program, just took exam
3	1.77	Enrolled through adult education
4	1.24	Other
-3	94.28	{Item legitimate skip/NA}
-9	0.52	{Missing}

Weight used in frequency: (WTH000)

Notes: F3GEDPRG updates F2GEDPRG in cases where third follow-up questionnaire responses indicate receipt of a GED; F3GEDPRG is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2GEDPRG for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

For the purpose of disclosure avoidance, "Part of a job training program" recoded as "Other" on the public-use file.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3GPLUSCUM

Label: Cumulative Graduate PLUS amount

Description: Indicates the cumulative Direct PLUS Loans to graduate students ever borrowed by the student.

Source: National Student Loan Data System

Descriptive Statistics:

Value	Percentage	Label
Continuous	2.76	Positive values, see statistics below
0	58.01	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
5000.00	120000.00	39655.56	35602.74

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 29 or more.

Name: F3HIIMPACT

Label: Number of high-impact educational activities in which R participated

Description: This variable summarizes F3A14A-F3A14F by summing the number of high-impact educational activities in which the respondent reported participating as a part of their postsecondary enrollment.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	33.22	Zero
1	16.73	1
2	11.03	2
3	7.09	3

4	4.41	4
5	1.59	5
6	0.53	6
-3	15.62	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	9.77	{Missing}

Weight used in frequency: (WTH000)

Notes: The third follow-up questionnaire asked respondents about the following high-impact educational activities--Internship, co-op, field experience, student teaching, or clinical assignment (F3A14A) --Research project with a faculty member outside of course or program requirements (F3A14B) --Study abroad (F3A14C) --Community-based project as part of a regular course (F3A14D) --Culminating senior experience, such as a capstone course, senior project or thesis, or comprehensive exam (F3A14E) --A program in which the respondent was mentored (F3A14F)

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3HS2BA

Label: Number of months between HS completion and BA completion

Description: Indicates the number of months between high school completion and receipt of a bachelor's degree.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	33.28	Positive values, see statistics below
-3	66.72	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
36.00	100.00	58.42	14.50

Weight used in frequency: (WTH000)

Notes: F3HS2BA is calculated by comparing the respondent's high school credential date (F3HSCPDR) to the date they received a bachelor's degree. If the respondent reported receipt of multiple bachelor's degrees, then the earliest bachelor's-receipt date is used in the calculation of F3HS2BA; if the respondent had not earned a bachelor's degree as of the third follow-up (i.e., F3ATTAINMENT = 1, 2, 3, 4, or 5), then F3HS2BA is coded as -3. F3HS2BA is imputed when missing for third follow-up respondents (use F3HS2BAIM to identify imputed F3HS2BA values).

Note: Data users should note the existence of cases where the number of months between postsecondary entry and bachelor's completion (F3PS2BA) is greater than the number of months between high school completion and bachelor's completion (F3HS2BA). This data pattern is associated with sample members who reported an initial postsecondary enrollment date which precedes their high school credential date.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: ELS:2002 Third follow-up respondents who have completed a bachelor's degree or higher (i.e., ELS:2002 Third follow-up respondents where F3ATTAINMENT >= 6).

Name: F3HS2PS1

Label: Number of months between HS exit and PS entry

Description: Indicates the number of months between the respondent's high school credential date and the date they first attended a postsecondary institution (updates F2HS2PS1).

Source: Third follow-up questionnaire; Second follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	77.39	Positive values, see statistics below
0	2.36	Zero
-3	15.66	{Item legitimate skip/NA}
-9	4.60	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	21.00	6.16	6.50

Weight used in frequency: (WTH000)

Notes: F2HS2PS1 values are carried forward to F3HS2PS1 for all sample members where F2HS2PS1 > 0; for all remaining sample members with evidence of postsecondary attendance, F3HS2PS1 values are calculated by comparing the respondent's high school credential date (F3HSCPDR) to the date they first attended a postsecondary institution (F3PS1START). Cases where F3PS1START precedes F3HSCPDR are handled as follows- if the sample member ultimately earned a postsecondary credential from their first-attended postsecondary school (F3PS1RETAIN = 1 or 2), or was still attending their first-attended postsecondary school as of the third follow-up (F3PS1RETAIN = 1 or 3) then F3HS2PS1 is set to 0; else if the date the sample member last attended any postsecondary school (F3A12) does not precede F3HSCPDR, and the sample member did not subsequently attend another postsecondary institution (F3PS1RETAIN =5), then F3HS2PS1 is set to 0. For any remaining sample member where F3PS1START precedes F3HSCPDR, F3HS2PS1 is set to -9. F3HS2PS1 is also set to -9 for sample members who reported no postsecondary attendance in the second follow-up (F2EVRATT=0), but did not respond to the third follow-up interview.

Note: For sample members who indicated postsecondary attendance during their second follow-up interview, a distinction is made between the first chronological institution and the first "real" institution (though those institutions are often one in the same), and such a distinction is reflected in both F2HS2PS1 and F3HS2PS1 (see F2PS1 for further information on the distinction between the first chronological institution and the first "real" institution; see F2HS2PS1 for further information on the previous version of this variable). Such a distinction is not possible, however, for sample members who did not respond in the second follow-up, or did not report postsecondary enrollment during their second follow-up participation.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 29 or more.

Applies to: All ELS:2002 sample members with evidence of postsecondary enrollment.

Name: F3HSCPDR

Label: High school completion date

Description: High school completion year (updated version of F2HSCPDR).

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; High School Transcripts; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	95.88	Positive values, see statistics below
-3	3.90	{Item legitimate skip/NA}
-9	0.22	{Missing}

Minimum	Maximum	Average	Standard Deviation
2002.00	2009.00	2004.10	0.75

Weight used in frequency: (WTH000)

Notes: All nonmissing values from F2HSCPDR are carried forward to F3HSCPDR; for all other cases, F3HSCPDR updates F2HSCPDR when a final high school completion status and an associated high school completion date can be

determined based on responses to the third follow-up questionnaire. See F2HSCPDR for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been top-coded at 2009 on the public-use file.

Applies to: All ELS:2002 sample members who have received a high school credential (as indicated by F3HSSTAT).

Name: F3HSSTAT

Label: High school completion status at time of 2013-2014 interview

Description: High school completion status (updated version of F2HSSTAT).

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; High School Transcripts; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	83.38	Recv HS diploma: Fall 2003 - Summer 2004 graduate
2	3.49	Recv HS diploma: Post-summer 2004 graduate
3	2.85	Recv HS diploma: Pre-fall 2003 graduate
4	0.22	Recv HS diploma: Graduation date unknown
5	0.43	Recv certificate of attendance
6	5.71	Recv GED or other equivalency
7	1.26	No HS credential: currently working towards GED/equivalent
8	1.93	No HS credential: not currently working towards GED/equivalent
9	0.71	No HS credential: unknown if currently working towards GED/equivalent
10	0.00	Unknown

Weight used in frequency: (WTH000)

Notes: Final high school completion statuses from F2HSSTAT are carried forward to F3HSSTAT, i.e., if F2HSSTAT in (1,2,3,4,5,6) then F3HSSTAT=F2HSSTAT. Third follow-up respondents with a non-final high F2HSSTAT value - i.e., "Still enrolled in high school" (F2HSSTAT=7); "Working towards GED or equivalent" (F2HSSTAT=8); "No diploma, not in HS, not pursuing GED" (F2HSSTAT=9); and "Status cannot be determined" (F2HSSTAT=10) - were asked about their high school completion status as a part of their third follow-up interview, and F3HSSTAT then updates F2HSSTAT accordingly. See F2HSSTAT for more information on the previous version of this variable.

Note: F3HSSTAT is ultimately built from sample members' responses to questionnaire items, supplemented by high school transcript information when necessary. F3HSSTAT does not, however, use information from the GED Testing Program as an input; for additional information on GED completion, including information gathered from the GED Testing Program, please see F3EVRGED. Please also note that although ELS-2002 survey instruments treat "certificate of attendance" as a final high school completion status, sample members may have earned a high school diploma, GED, or other high school equivalency subsequent to receiving a certificate of attendance.

Applies to: All ELS:2002 sample members.

Name: F3JOBPERSIST

Label: Social-cognitive career theory: index/scale score for job persistence intentions

Description: This variable is a scale of the respondent's job persistence intentions at their current/most recent job.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	72.65	Positive values, see statistics below
-33	17.87	{Item legitimate skip/NA}
-44	0.00	{Nonrespondent}
-88	0.00	{Survey component legitimate skip/NA}

-99	9.48	{Missing}	
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Minimum	Maximum	Average	Standard Deviation
-2.25	1.18	0.00	1.00

Weight used in frequency: (WTH000)

Notes: Higher values represent greater job persistence intentions. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of input responses (F3B34G, F3B34H, and F3B34I) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.89.

Applies to: ELS:2002 Third follow-up respondents who were working for pay as of the date of their third follow-up interview.

Name: F3JOBSATIS

Label: Social-cognitive career theory: job satisfaction index/scale score

Description: This variable is a scale of the respondent's job satisfaction at their current/most recent job.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	72.42	Positive values, see statistics below
-33	17.87	{Item legitimate skip/NA}
-44	0.00	{Nonrespondent}
-88	0.00	{Survey component legitimate skip/NA}
-99	9.71	{Missing}

Minimum	Maximum	Average	Standard Deviation
-2.66	1.25	0.00	1.00

Weight used in frequency: (WTH000)

Notes: Higher values represent greater job satisfaction. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of input responses (F3B34D, F3B34E, and F3B34F) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.90.

Applies to: ELS:2002 Third follow-up respondents who were working for pay as of the date of their third follow-up interview.

Name: F3JOBSUPP

Label: Social-cognitive career theory: work support index/scale score

Description: This variable is a scale of the respondent's perceived work support at their current/most recent job.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	72.51	Positive values, see statistics below
-33	17.87	{Item legitimate skip/NA}
-44	0.00	{Nonrespondent}
-88	0.00	{Survey component legitimate skip/NA}

-99	9.62	{Missing}
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Minimum	Maximum	Average	Standard Deviation
-4.54	0.97	0.00	1.00

Weight used in frequency: (WTH000)

Notes: Higher values represent greater perceived work support. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of input responses (F3B34A, F3B34B, and F3B34C) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.80.

Applies to: ELS:2002 Third follow-up respondents who were working for pay as of the date of their third follow-up interview.

Name: F3JUNEDSTAT

Label: Postsecondary enrollment status as of June 2012

Description: Indicates the postsecondary enrollment status as of June 2012.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	20.92	Enrolled as of June 2012
2	3.46	Possibly enrolled as of June 2012
3	59.35	Not enrolled as of June 2012, but has prior/subsequent PSE
4	15.66	No postsecondary attendance
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.60	{Missing}

Weight used in frequency: (WTH000)

Notes: F3JUNEDSTAT characterizes the respondent's postsecondary enrollment status as of June 2012; for postsecondary enrollment status as of the respondent's third follow-up interview date, see composite variable F3EDSTAT. Users should note that (1) there are subtle differences between the coding scheme for F3JUNEDSTAT and the coding scheme for F3EDSTAT, and (2) while F3EDSTAT uses IPEDS data to categorize postsecondary school type, F3JUNEDSTAT is based exclusively on sample members' responses to survey items. In instances where respondents provided potentially conflicting information regarding their June 2012 enrollment status (for example, when F3A03D=1 but F3A12 < 201206; or, when F3A03D=0 and F3A03E=0, but F3PSLSTART < 201206 and F3A12 > 201206), F3JUNEDSTAT is coded as "possibly enrolled as of June 2012" (F3JUNEDSTAT=2).

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3JUNEMPSTAT

Label: Employment status as of June 2012

Description: This variable characterizes the respondent's employment status as of June 2012.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	6.47	Working 1+ FT job and 1+ PT job
2	51.62	Working 1+ FT job (0 PT jobs)
3	13.20	Working 1+ PT job (0 FT jobs)
4	2.92	Serving in military (unknown whether working FT or PT)

5	16.30	Not working for pay
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	9.49	{Missing}

Weight used in frequency: (WTH000)

Notes: For employment status as of the respondent's third follow-up interview date, see composite variable F3EMPSTAT. Users should note that while the third follow-up interview collected extensive detail regarding employment status as of the third follow-up interview (e.g., exact number of jobs worked, number of hours worked per week, whether looking for work if not currently employed, etc.), relatively less detail was collected regarding employment status as of June 2012. As such, F3JUNEMPSTAT categories are not identical to (i.e., are less detailed than) F3EMPSTAT categories.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3LIVARR

Label: Living arrangements at time of 2013-2014 survey

Description: Indicates the respondent's living arrangement as of their third follow-up interview.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	16.65	Lives by him/herself
2	19.97	Lives in parent(s)/guardian(s) home
3	19.63	Not in parents home, lives w/spouse
4	17.69	Not in parents home, lives w/partner
5	2.48	Not in parents home, lives w/children (w/o spouse/partner)
6	1.99	Not in parents home, lives w/sibling (w/o spouse/partner or children)
7	8.85	Not in parents home, lives w/friend(s)/roommate(s) (w/o any of the above)
8	0.98	Other living arrangement
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	11.76	{Missing}

Weight used in frequency: (WTH000)

Notes: Respondents are coded with the lowest F3LIVARR value which appropriately characterizes their living arrangement as of the third follow-up interview. For example, a respondent living with a spouse and a biological child is coded as "Not in parents home, lives w/spouse" (F2LIVARR=3) as opposed to "Not in parents home, lives w/children (w/o spouse/partner)" (F2LIVARR=5). Likewise, a respondent living with both a sibling and a non-relative roommate is coded as "Not in parents home, lives w/sibling (w/o spouse/partner or children)" (F2LIVARR=6) as opposed to "Not in parents home, lives w/friend(s)/roommate(s)" (F2LIVARR=7).

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3MARRAGE

Label: Age at which R first married

Description: Indicates the age at which the sample member first married by comparing F1DOB_P (sample member's date of birth) with F3D03_1 (date of first marriage).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label

Continuous	28.95	Positive values, see statistics below
-3	66.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.88	{Missing}

Minimum	Maximum	Average	Standard Deviation
17.00	27.00	22.63	2.42

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 27 and bottom-coded at 17 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3MARRSTATUS

Label: Marital status as of F3

Description: This variable simultaneously indicates (1) the sample member's legal marital status as of third follow-up (never married, married, divorced, separated, or widowed), and (2) whether or not the sample member was living with a significant other in a marriage-like relationship as of the third follow-up.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	27.94	Married
2	20.88	Never married, currently living w/ partner
3	45.20	Never married, not currently living w/ partner
4	1.35	Divorced/Widowed, currently living w/ partner
5	2.17	Divorced/Widowed, not currently living w/ partner
6	0.35	Separated, currently living w/ partner
7	1.08	Separated, not currently living w/ partner
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.03	{Missing}

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, "Widowed..." categories were combined with "Divorced..." categories on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3MOBILITYBYF3

Label: Residential mobility: BY v. F3

Description: Indicates the distance (in miles) between the respondent's base year residence and their third follow-up residence.

Source: ELS:2002 Third follow-up questionnaire; Base-year Student and Parent questionnaires.

Descriptive Statistics:

Value	Percentage	Label

Continuous	60.94	Positive values, see statistics below
0	28.40	Zero
-9	10.66	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	3500.00	272.05	545.87

Weight used in frequency: (WTI000)

Notes: F3MOBILITYBYF3 is calculated by comparing the distance between the ZIP code centroid associated with their base year residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 sample members.

Name: F3MOBILITYF1F2

Label: Residential mobility: F1 v. F2

Description: Indicates the distance (in miles) between the respondent's first follow-up residence and their second follow-up residence.

Source: ELS:2002 Second follow-up questionnaire; First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires.

Descriptive Statistics:

Value	Percentage	Label
Continuous	26.01	Positive values, see statistics below
0	71.08	Zero
-9	2.91	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	3000.00	196.20	446.89

Weight used in frequency: (WTG000)

Notes: F3MOBILITYF1F2 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 sample members.

Name: F3MOBILITYF1F3

Label: Residential mobility: F1 v. F3

Description: Indicates the distance (in miles) between the respondent's first follow-up residence and their second follow-up residence.

Source: ELS:2002 Third follow-up questionnaire; First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires.

Descriptive Statistics:

Value	Percentage	Label
Continuous	63.87	Positive values, see statistics below
0	33.40	Zero

-9	2.73	{Missing}
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Minimum	Maximum	Average	Standard Deviation
1.00	4000.00	272.57	544.01

Weight used in frequency: (WTK000)

Notes: F3MOBILITYF1F2 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 sample members.

Name: F3MOBILITYF2F3

Label: Residential mobility: F2 v. F3

Description: Indicates the distance (in miles) between the respondent's second follow-up residence and their third follow-up residence.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	57.16	Positive values, see statistics below
0	31.65	Zero
-9	11.19	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	4000.00	273.49	548.05

Weight used in frequency: (WTH000)

Notes: F3MOBILITYF2F3 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 sample members.

Name: F3NATTND

Label: Number of postsecondary institutions attended

Description: Indicates the number of postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	38.19	1
2	30.87	2
3	15.26	3 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9

0.02

{Missing}

Weight used in frequency: (WTH000)

Notes: F3NATTND is the number of postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file. Data users should note that in some cases F3NATTND is smaller than F2NATTND; this inconsistency is at least partially a function of the fact that second follow-up respondents were asked to provide an explicit number of postsecondary institutions they had attended (that number is stored in F2NATTND even if it is greater than the number of individual institutions about which the respondent actually provided attendance information), while third follow-up respondents were not asked to provide such a number (F3NATTND is instead calculated by simply tallying the number of individual institutions about which the respondent actually provided information). See F2NATTND for further detail regarding this nuance.

For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUM2YR

Label: Number of 2-year postsecondary institutions attended

Description: Indicates the number of two-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	38.12	Zero
1	36.38	1
2	6.97	2
3	1.14	3 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.73	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUM2YR is the number of two-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file.

For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUM4YR

Label: Number of 4-year postsecondary institutions attended

Description: Indicates the number of four-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	25.07	Zero
1	35.90	1
2	17.55	2
3	3.48	3
4	0.60	4 or more
-3	15.66	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.73	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUM4YR is the number of four-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file.

For the purpose of disclosure avoidance, this variable was top-coded at 4 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMDPNDNT

Label: Total number of dependents

Description: This variable sums the respondent's number of dependents less than age 18 (F3D19A), and the sample member's number of dependents age 18 or older (F3D19B).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	59.13	Zero
1	14.44	1
2	9.32	2
3	4.15	3
4	1.12	4
5	0.38	5
6	0.18	6 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	11.27	{Missing}

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 6 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3NUMHI4

Label: Number of highly-selective 4-year PS institutions attended

Description: Indicates the number of highly selective four-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	53.20	Zero
1	12.61	1
2	2.60	2
3	0.25	3 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
-9	15.67	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMH14 is the number of highly selective four-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile); "highly selective" four-year institutions refer to those whose first-year students' test scores places them in roughly the top fifth of baccalaureate institutions.

For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMINCL4

Label: Number of inclusive 4-year PS institutions attended

Description: Indicates the number of inclusive four-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	57.79	Zero
1	10.23	1
2	0.64	2 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	15.67	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMINCL4 is the number of inclusive four-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile); "inclusive" four-year institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

For the purpose of disclosure avoidance, this variable was top-coded at 2 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMMLT2

Label: Number of less-than-2-year postsecondary institutions attended

Description: Indicates the number of less-than two-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	74.99	Zero
1	6.92	1
2	0.70	2 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9	1.73	{Missing}
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Weight used in frequency: (WTH000)

Notes: F3NUMLT2 is the number of less-than two-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file.

For the purpose of disclosure avoidance, this variable was top-coded at 2 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMMOD4

Label: Number of moderately-selective 4-year PS institutions attended

Description: Indicates the number of moderately selective four-year postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	43.41	Zero
1	21.00	1
2	3.94	2
3	0.31	3 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	15.67	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMMOD4 is the number of moderately selective four-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file. The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile); "moderately selective" four-year institutions refer to those whose first-year students' test scores places them in roughly the middle two-fifths of baccalaureate institutions.

For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMPRIFOR

Label: Number of private for-profit postsecondary institutions attended

Description: Indicates the number of private for-profit postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	67.34	Zero
1	13.84	1
2	1.19	2 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.97	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMPRIFOR is the number of private for-profit postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file. For the purpose of disclosure avoidance, this variable was top-coded at 2 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMPRINOT

Label: Number of private not-for-profit postsecondary institutions attended

Description: Indicates the number of private not-for-profit postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	61.95	Zero
1	16.73	1
2	3.28	2
3	0.41	3 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.97	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMPRINOT is the number of private not-for-profit postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file.

For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3NUMPUB

Label: Number of public postsecondary institutions attended

Description: Indicates the number of public postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	14.04	Zero
1	40.29	1
2	20.95	2
3	5.91	3
4	1.00	4
5	0.18	5 or more
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.97	{Missing}

Weight used in frequency: (WTH000)

Notes: F3NUMPUB is the number of public postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file.

For the purpose of disclosure avoidance, this variable was top-coded at 5 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3OCC30BYVF1

Label: Change/stability in occupational expectations: BY v. F1

Description: Indicates whether the prestige score associated with the respondent's expected age-30 occupation as reported in the first follow-up (F1OCC30) is higher than, equal to, or less than the prestige score associated with the respondent's expected age-30 occupation as reported in the base-year (BYOCC30).

Source: ELS:2002 First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires; Base-year Student questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	5.55	F1 occ exp has higher prestige score than BY occ exp
2	26.30	F1 occ exp has same prestige score as BY occ exp
3	9.24	F1 occ exp has lower prestige score than BY occ exp
4	14.39	Neither BY nor F1 occ exp have an associated prestige score
5	33.65	Either BY or F1 occ exp has no associated prestige score
-9	10.86	{Missing}

Weight used in frequency: (WTD000)

Notes: In both the base-year and first follow-up surveys, respondents were able to indicate either "don't plan to work for pay at age 30" or "don't know" as their expected age-30 occupation; such sample members will be coded as BYOCC30BYVF1 = 4 or BYOCC30BYVF1 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F1OCC30 / BYOCC30 categories of "homemaker", "military", or "other", and so sample members responding as such in either the base-year or first follow-up surveys will also be coded as BYOCC30BYVF1 = 4 or BYOCC30BYVF1 = 5.

Applies to: All ELS:2002 sample members.

Name: F3OCC30BYVF3

Label: Change/stability in occupational expectations: BY v. F3

Description: Indicates whether the prestige score associated with the respondent's expected age-30 occupation as reported in the third follow-up (F3SEIAGE30) is higher than, equal to, or less than the prestige score associated with the respondent's expected age-30 occupation as reported in the base year (BYOCC30).

Source: ELS:2002 Third follow-up questionnaire; Base-year Student questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	6.84	F3 occ exp has higher prestige score than BY occ exp
2	19.41	F3 occ exp has same prestige score as BY occ exp
3	17.94	F3 occ exp has lower prestige score than BY occ exp
4	6.65	Neither BY nor F3 occ exp have an associated prestige score
5	35.44	Either BY or F3 occ exp has no associated prestige score
-9	13.71	{Missing}

Weight used in frequency: (WTH000)

Notes: In both the base-year and third follow-up surveys, respondents were able to indicate either "don't plan to work for pay at age 30" or "don't know" as their expected age-30 occupation; such sample members will be coded as BYOCC30BYVF3 = 4 or BYOCC30BYVF3 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F3SEIAGE30 / BYOCC30 categories of "homemaker", "military", or "other", and so

sample members responding as such in either the base-year or third follow-up surveys will also be coded as BYOCC30BYVF3 = 4 or BYOCC30BYVF3 = 5.

Applies to: All ELS:2002 sample members.

Name: F3OCC30F1VF3

Label: Change/stability in occupational expectations: F1 v. F3

Description: Indicates whether the prestige score associated with the respondent's expected age-30 occupation as reported in the third follow-up (F3SEIAGE30) is higher than, equal to, or less than the prestige score associated with the respondent's expected age-30 occupation as reported in the first follow-up (F1OCC30).

Source: ELS:2002 Third follow-up questionnaire; First follow-up Student, Transfer, Homeschool, Early Graduate, and Dropout questionnaires.

Descriptive Statistics:

Value	Percentage	Value label
1	11.89	F3 occ exp has higher prestige score than F1 occ exp
2	24.42	F3 occ exp has same prestige score as F1 occ exp
3	19.58	F3 occ exp has lower prestige score than F1 occ exp
4	7.87	Neither F1 nor F3 occ exp have an associated prestige score
5	34.19	Either F1 or F3 occ exp has no associated prestige score
-9	2.05	{Missing}

Weight used in frequency: (WTK000)

Notes: In both the first and third follow-up surveys, respondents were able to indicate either "don't plan to work for pay at age 30" or "don't know" as their expected age-30 occupation; such sample members will be coded as BYOCC30F1VF3 = 4 or BYOCC30F1VF3 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F3SEIAGE30 / F1OCC30 categories of "homemaker", "military", or "other", and so sample members responding as such in either the first or third follow-up surveys will also be coded as BYOCC30F1VF3 = 4 or BYOCC30F1VF3 = 5.

Applies to: All ELS:2002 sample members.

Name: F3ONET2AGE30

Label: 2-digit ONET code for expected age-30 occupation

Description: Indicates the 2-digit (general category) Occupational Information Network (O*NET) code associated with the respondent's anticipated occupation at age 30.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
11	11.70	Management Occupations
13	5.72	Business and Financial Operations Occupations
15	3.10	Computer and Mathematical Occupations
17	2.35	Architecture and Engineering Occupations
19	2.16	Life, Physical, and Social Science Occupations
21	3.18	Community and Social Services Occupations
23	1.94	Legal Occupations
25	7.13	Education, Training, and Library Occupations
27	5.22	Arts, Design, Entertainment, Sports, and Media Occupations
29	14.05	Healthcare Practitioners and Technical Occupations
31	2.93	Healthcare Support Occupations

33	2.74	Protective Service Occupations
35	1.15	Food Preparation and Serving Related Occupations
37	0.51	Building and Grounds Cleaning and Maintenance Occupations
39	2.59	Personal Care and Service Occupations
41	2.19	Sales and Related Occupations
43	2.86	Office and Administrative Support Occupations
45	0.24	Farming, Fishing, and Forestry Occupations
47	2.47	Construction and Extraction Occupations
49	2.88	Installation, Maintenance, and Repair Occupations
51	2.59	Production Occupations
53	1.72	Transportation and Material Moving Occupations
55	0.92	Military Specific Occupations
-1	16.05	{Don't know}
-3	1.60	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: Respondents indicating that they do not plan on working for pay at age 30 are coded as F3ONET2AGE30 = -3, and respondents indicating that they don't know what their occupation at age 30 will be are coded as F3ONET2AGE30 = -1. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See Chapter 5 of the ELS-2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see www.onetonline.org for further information regarding the O*NET codeframe.

Note: As a part of the ELS-2002 postsecondary transcript data release, the sample member's expected age-30 occupation was also identified as a STEM or a non-STEM occupation; see F3STEMOCCA30 for the STEM occupation flag associated with the sample member's expected age-30 occupation.

Applies to: All ELS:2002 Third follow-up respondents, except those not planning/expecting to work for pay at age 30.

Name: F3ONET2CURR

Label: 2-digit ONET code for current/most recent job

Description: F3ONET2CURR stores the 2-digit (general category) Occupational Information Network (O*NET) code associated with the respondent's current and/or most recent job.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
11	8.07	Management Occupations
13	4.89	Business and Financial Operations Occupations
15	2.77	Computer and Mathematical Occupations
17	1.62	Architecture and Engineering Occupations
19	1.62	Life, Physical, and Social Science Occupations
21	2.10	Community and Social Services Occupations
23	1.09	Legal Occupations

25	6.31	Education, Training, and Library Occupations
27	2.94	Arts, Design, Entertainment, Sports, and Media Occupations
29	5.97	Healthcare Practitioners and Technical Occupations
31	3.93	Healthcare Support Occupations
33	2.58	Protective Service Occupations
35	6.85	Food Preparation and Serving Related Occupations
37	1.95	Building and Grounds Cleaning and Maintenance Occupations
39	4.37	Personal Care and Service Occupations
41	8.41	Sales and Related Occupations
43	13.82	Office and Administrative Support Occupations
45	0.38	Farming, Fishing, and Forestry Occupations
47	3.79	Construction and Extraction Occupations
49	3.54	Installation, Maintenance, and Repair Occupations
51	4.92	Production Occupations
53	3.88	Transportation and Material Moving Occupations
55	1.01	Military Specific Occupations
-3	2.10	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.08	{Missing}

Weight used in frequency: (WTH000)

Notes: Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See Chapter 5 of the ELS-2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see www.onetonline.org for further information regarding the O*NET codeframe.

Note: As a part of the ELS-2002 postsecondary transcript data release, the sample member's current/most recent job as of F3 was also identified as a STEM or a non-STEM occupation; see F3STEMOCCUR for the STEM occupation flag associated with the sample member's current/most recent job as of F3.

Applies to: All ELS:2002 Third follow-up respondents who have worked for pay since January 2006 (i.e., all ELS:2002 Third follow-up respondents where F3EVRJOB=1).

Name: F3PARAGE

Label: Age at which R first had a child

Description: Indicates the age at which the respondent first had a biological child by comparing F1DOB_P (sample member's date of birth) with F3D08_1 (date of first marriage).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	28.76	Positive values, see statistics below
-3	65.33	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
-9	5.90	{Missing}

Minimum	Maximum	Average	Standard Deviation
16.00	27.00	21.72	2.73

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 27 and bottom-coded at 16 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3PELLCUM

Label: Cumulative Pell - (as of F3)

Description: Indicates the cumulative amount of Pell grant funds ever received.

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Label
Continuous	41.65	Positive values, see statistics below
0	19.12	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
225.00	32000.00	8159.49	6868.95

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3PELLYRS

Label: Pell: number of years received - (as of F3)

Description: Indicates the number of years that a Pell grant was received.

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Value label
0	19.12	0 years
1	13.50	1 year
2	9.39	2 years
3	6.37	3 years
4	5.36	4 years
5	3.41	5 years
6	2.13	6 years
7	1.01	7 years
8	0.47	8 or more years

-9

39.23

{Missing}

Weight used in frequency: (WTH000)

Notes: For students who did not receive a Pell grant, this variable was set to zero.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3PLUSCUM

Label: Cumulative PLUS - (as of F3)

Description: Indicates the cumulative amount of PLUS loans ever borrowed by parents for the student.

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Label
Continuous	10.56	Positive values, see statistics below
0	50.21	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
1000.00	120000.00	21108.58	21759.92

Weight used in frequency: (WTH000)

Notes: Direct PLUS Loans to parents of undergraduate students are only available to the parents of dependent undergraduates.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3PLUSYRS

Label: PLUS: number of years borrowed (as of F3)

Description: Indicates the number of years the sample member received Federal Direct PLUS loan to parents as reported by the National Student Loan Data System (NSLDS).

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Value label
0	50.21	Zero
1	5.47	1
2	2.12	2
3	1.32	3
4	1.35	4
5	0.31	5 or more
-9	39.23	{Missing}

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 5 on the public-use file.

Name: F3PS1CTR

Label: Control of first-attended PS institution

Description: Indicates the control of the respondent's first-attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	61.64	Public
2	13.38	Private not-for-profit
3	7.60	Private for-profit
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.71	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PS1CTR stores the F3ICNTRL value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST=1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS1LVL

Label: Level of first-attended PS institution

Description: Indicates the level of the respondent's first-attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	46.01	4-year institution
2	32.85	At least 2, but less-than-4-year institution
3	3.94	Less-than-2-year institution
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.53	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PS1LVL stores the F3ILEVEL value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST=1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS1OUT

Label: Whether 1st PS institution was out-of-state

Description: Indicates whether the respondent's first-attended postsecondary institution was out of state with respect to their permanent address as of the third follow-up interview.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
0	66.31	No
1	15.06	Yes

-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.97	{Missing}

Weight used in frequency: (WTH000)

Notes: The indicator is set via comparing the state associated with the respondent's residential zip code (F3RESZIP) with the state identified by F3ISTATE from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST=1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS1RETAIN

Label: Status relative to first-attended postsecondary institution

Description: Indicates the respondent's status with respect to their first-attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	1.63	Earned a credential from PS1; still attending PS1 as of F3
2	29.80	Earned a credential from PS1; no longer attending PS1 as of F3
3	5.40	No cred from PS1; still attending PS1 as of F3
4	32.30	No cred from PS1; no longer attending PS1; did attend another PS institution
5	13.36	No cred from PS1; no longer attending PS1; did not attend another PS institution
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.85	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PS1RETAIN is whether they earned a credential from their first-attended postsecondary institution, whether they are still enrolled at their first-attended postsecondary institution, or whether they left their first attended postsecondary institution without a credential and attended some other postsecondary institution. Data users should note that "No credential from PS1; no longer attending PS1; did attend another postsecondary institution" (F3PS1RETAIN=4) does not necessarily indicate a transfer, since enrollment at an additional school which is concurrent with, but not subsequent to, enrollment at their first-attended postsecondary institution may be coded as F3PS1RETAIN=4. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS1SEC

Label: Sector of first-attended PS institution

Description: Indicates the sector of the respondent's first-attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	30.30	4-year public

2	12.74	4-year private, not-for-profit
3	2.94	4-year private, for-profit
4	29.89	2-year public
5	0.30	2-year private, not-for-profit
6	2.64	2-year private, for-profit
7	1.39	Less than 2-year public
8	0.34	Less than 2-year private, not-for-profit
9	2.02	Less than 2-year private, for-profit
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.78	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PS1SEC stores the F3ISECTR value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST=1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS1START

Label: Year/month first attended a postsecondary institution

Description: Indicates the year and month of the respondent began attending their first-attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	82.31	Positive values, see statistics below
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.03	{Missing}

Minimum	Maximum	Average	Standard Deviation
2003.00	2012.00	2004.73	1.76

Weight used in frequency: (WTH000)

Notes: F3PS1START stores the F3ISTDATE value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST=1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been top-coded at 2012 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PS2BA

Label: Number of months between PS entry and BA completion

Description: Indicates the number of months between postsecondary entry and receipt of a bachelor's degree.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	33.28	Positive values, see statistics below
-3	66.72	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
33.00	100.00	55.20	13.99

Weight used in frequency: (WTH000)

Notes: F3PS2BA is calculated by comparing the date the respondent first attended a postsecondary institution (F3PS1START) to the date they received a bachelor's degree. If the respondent reported receipt of multiple bachelor's degrees, then the earliest bachelor's-receipt date is used in the calculation of F3PS2BA; if the respondent had not earned a bachelor's degree as of the third follow-up (F3ATTAINMENT = 1, 2, 3, 4, or 5), then F3PS2BA is coded as -3. F3PS2BA is imputed when missing for third follow-up respondents (use F3PS2BAIM to identify imputed F3PS2BA values).

Note: Data users should note the existence of cases where the number of months between postsecondary entry and bachelor's completion (F3PS2BA) is greater than the number of months between high school completion and bachelor's completion (F3HS2BA). This data pattern is associated with sample members who reported an initial postsecondary enrollment date which precedes their high school credential date.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 27 or more.

Applies to: ELS:2002 Third follow-up respondents who have completed a bachelor's degree or higher (i.e., ELS:2002 Third follow-up respondents where F3ATTAINMENT >= 6).

Name: F3PSLCRED

Label: Whether R earned a credential from their last/currently attended PS institution

Description: Indicates whether or not the respondent earned a credential from their last/currently attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	42.08	No
1	41.31	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.94	{Missing}

Weight used in frequency: (WTH000)

Notes: The last/currently attended postsecondary institution is defined as the institution on the ELS third follow-up student-institution file where F3ILASTINST=1. See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSLCTR

Label: Control of last/currently attended PS institution

Description: Indicates the control of the respondent's last/currently attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	56.57	Public
2	14.44	Private not-for-profit
3	11.95	Private for-profit
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.37	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PSLCTR stores the F3ICNTRL value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST=1. See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSLLVL

Label: Level of last/currently attended PS institution

Description: Indicates the level of the respondent's last/currently attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	50.39	4-year college or university
2	27.48	2-year college
3	5.21	Less than 2 years
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.26	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PSLLVL stores the F3ILEVEL value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST=1. See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSLSEC

Label: Sector of last/currently attended PS institution

Description: Indicates the sector of the respondent's last/currently attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
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1	31.08	Public, 4-year or above
2	13.63	Private not-for-profit, 4-year or above
3	5.65	Private for-profit, 4-year or above
4	23.76	Public, 2-year
5	0.30	Private not-for-profit, 2-year
6	3.39	Private for-profit, 2-year
7	1.64	Public, less than 2-year
8	0.46	Private not-for-profit, less than 2-year
9	2.83	Private for-profit, less than 2-year
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.60	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PSLSEC stores the F3ISECTR value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST=1. See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSLSTART

Label: Year/month R began attending their last/currently attended PS institution

Description: Indicates the year and month the respondent began attending their last/currently attended postsecondary institution.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Label
Continuous	79.36	Positive values, see statistics below
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.98	{Missing}

Minimum	Maximum	Average	Standard Deviation
2003.00	2012.00	2006.78	2.83

Weight used in frequency: (WTH000)

Notes: F3PSLSTART stores the F3ISTDATE value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST=1. See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been top-coded at 2012 on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSSELECT

Label: Highest selectivity among all attended postsecondary institutions

Description: Indicates the highest level of admissions selectivity among all postsecondary institutions attended by the respondent.

Source: ELS:2002 Third follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS)

Descriptive Statistics:

Value	Percentage	Value label
1	18.15	Highly selective, 4-year institution
2	24.17	Moderately selective, 4-year institution
3	8.41	Inclusive, 4-year institution
4	7.06	Selectivity not classified, 4-year institution
5	22.22	Selectivity not classified, 2-year institution
6	2.85	Selectivity not classified, less-than-2-year institution
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.47	{Missing}

Weight used in frequency: (WTH000)

Notes: The ELS-2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile)- "highly selective" 4-year institutions refer to those whose first-year students' test scores places them in roughly the top fifth of baccalaureate institutions; "moderately selective" 4-year institutions refer to those whose first-year students' test scores places them in roughly the middle two-fifths of baccalaureate institutions; "inclusive" 4-year institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3PSTIMING

Label: Timing of first postsecondary enrollment

Description: Indicates the timing of the respondent's first postsecondary enrollment by comparing their high school completion date (F3HSCPDR) to the date the respondent began attending their first-attended postsecondary institution (F3PS1START).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	15.66	No postsecondary enrollment
2	19.71	Delayed postsecondary enrollment
3	59.88	Immediate postsecondary enrollment
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.74	{Missing}

Weight used in frequency: (WTH000)

Notes: F3PSTIMING distinguishes between "delayed" and "immediate" attendance in the same manner as is done in the second follow-up variable F2RTYPE; that is, respondents are coded as having "immediate" postsecondary

attendance if their postsecondary attendance began by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). Respondents are coded as having "delayed" postsecondary attendance if their postsecondary attendance did not begin by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). See variable F3HS2PS1 for additional detail regarding the timing of initial postsecondary attendance relative to high school completion.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3REGION

Label: Region of F3 residence

Description: Indicates the geographic region of the respondent's residence as of the third follow-up.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	17.35	Northeast
2	21.89	Midwest
3	36.12	South
4	23.65	West
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.99	{Missing}

Weight used in frequency: (WTH000)

Notes: The Northeast region includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT; the Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI; the South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV; the West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3SCENCRED

Label: F3 survey: Ever earned a postsecondary credential in a science & engineering field

Description: Indicates if the student has ever earned a postsecondary credential in a science and engineering major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	37.19	No PS cred in a sci & engineering field
1	11.86	Undergraduate cred in a sci & engineering field
2	1.39	UG and graduate cred or graduate only cred in a sci & engineering field
-3	47.93	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.63	{Missing}

Weight used in frequency: (WTH000)

Notes: The fields of study identified as science and engineering for this variable were adapted from the 2010 Classification of Instructional Programs (CIP). The 2010 CIP was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file. List of CCM codes for F3SCENCRED where ** variable** corresponds to one of the following- F3ICREDTYPE_1, F3ICREDTYPE2_1, F3ICREDTYPE_2, F3ICREDTYPE2_2

Code: if **variable** in (01.0103, 01.0308, 01.0508, 05.0299, 15.1501, 16.0102, 16.0105, 16.0199, 16.1602, 19.0505, 30.1001, 30.1101, 30.1501, 30.1701, 30.1901, 30.2001, 30.2301, 30.3201, 51.1507, 51.2004, 51.3201, 51.3603, 52.1302, 52.1304, 54.0104)

or (01.0800 < **variable** < 03.0511)

or (03.0511 < **variable** < 04.0201)

or (04.9999 < **variable** < 05.0207)

or (05.0207 < **variable** < 09.0100)

or (10.9999 < **variable** < 11.0601)

or (11.0699 < **variable** < 12.0301)

or (13.9999 < **variable** < 14.3701)

or (14.3701 < **variable** < 15.0000)

or (25.9999 < **variable** < 26.1309)

or (26.1309 < **variable** < 28.0101)

or (39.9999 < **variable** < 41.0000)

or (41.9999 < **variable** < 42.2805)

or (42.2806 < **variable** < 43.0102)

or (44.0201 < **variable** < 44.0701)

or (44.0799 < **variable** < 46.0000)

(End of [LIST])

if F3ICREDTYPE_1 >= 4 and F3ICREDSPEC_1 in [LIST] then grad = 1;

if F3ICREDSPEC_1 = -9 then missing = 1;

if F3ICREDTYPE2_1 >= 4 and F3ICREDSPEC2_1 in [LIST] then grad = 1;

if F3ICREDSPEC2_1 = -9 then missing = 1;

if F3ICREDTYPE_2 in (-9,1,2,3) and F3ICREDSPEC_2 in [LIST] then ug = 1;

if F3ICREDSPEC_2 = -9 then missing = 1;

if F3ICREDTYPE2_2 in (-9,1,2,3) and F3ICREDSPEC2_2 in [LIST] then ug = 1;

if F3ICREDSPEC2_2 = -9 then missing = 1;

if F3ATTAINMENT in (-4,-8) then F3SCENCRED=F3ATTAINMENT;

else if F3ATTAINMENT in (1,2,3) then F3SCENCRED=-3;

else if ug=1 and grad=1 then F3SCENCRED=3;

else if grad=1 then F3SCENCRED=2;

else if ug=1 then F3SCENCRED=1;

else if ug=0 and grad=0 and missing=0 then F3SCENCRED=0;

else F3SCENCRED=-9;

Applies to: Third follow-up respondents who indicated receipt of one or more postsecondary credentials.

Name: F3SCENRCRED

Label: F3 survey: Ever earned a postsecondary credential in a science & engineering-related field

Description: Indicates if the student has ever earned a postsecondary credential in a science and engineering major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	38.69	No PS cred in a sci & engineering-related field
1	10.03	Undergraduate cred in a sci & engineering-related field
2	1.72	UG and graduate cred or graduate only cred in a sci & engineering-related field
-3	47.93	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.64	{Missing}

Weight used in frequency: (WTH000)

Notes: The fields of study identified as science and engineering for this variable were adapted from the 2010 Classification of Instructional Programs (CIP). The 2010 CIP was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file. List of CCM codes for F3SCENRCRED where ** variable** corresponds to one of the following- F3ICREDTYPE_1, F3ICREDTYPE2_1, F3ICREDTYPE_2, F3ICREDTYPE2_2

Code: if **variable** in (05.0207, 10.9999, 15.1401, 16.1601, 16.1603, 16.1699, 26.1309, 30.1299, 30.1801, 30.2101, 30.3301, 31.0505, 48.0508, 51.0717, 51.1504, 51.3199)
 or (9.9999 < **variable** < 10.0301)
 or (14.9999 < **variable** < 15.1301)
 or (15.1301 < **variable** < 15.1399)
 or (15.1501 < **variable** < 16.0101)
 or (27.9999 < **variable** < 30.1001)
 or (30.2301 < **variable** < 30.3201)
 or (33.0199 < **variable** < 35.0101)
 or (40.9999 < **variable** < 42.0101)
 or (50.9999 < **variable** < 51.0716)
 or (51.0718 < **variable** < 51.0913)
 or (51.0913 < **variable** < 51.1503)
 or (51.1507 < **variable** < 51.2004)
 or (51.2004 < **variable** < 51.3104)
 or (51.3201 < **variable** < 51.3501)
 or (51.3501 < **variable** < 51.3603)
 or (51.3603 < **variable** < 52.0101)
 or (54.0199 < **variable** < 60.0603)

(End of [LIST])

```
if F3ICREDTYPE_1 >= 4 and F3ICREDSPEC_1 in [LIST] then grad = 1;
if F3ICREDSPEC_1 = -9 then missing = 1;
if F3ICREDTYPE2_1 >= 4 and F3ICREDSPEC2_1 in [LIST] then grad = 1;
if F3ICREDSPEC2_1 = -9 then missing = 1;
if F3ICREDTYPE_2 in (-9,1,2,3) and F3ICREDSPEC_2 in [LIST] then ug = 1;
if F3ICREDSPEC_2 = -9 then missing = 1;
if F3ICREDTYPE2_2 in (-9,1,2,3) and F3ICREDSPEC2_2 in [LIST] then ug = 1;
if F3ICREDSPEC2_2 = -9 then missing = 1;
if F3ATTAINMENT in (-4,-8) then F3SCENRCRED=F3ATTAINMENT;
else if F3ATTAINMENT in (1,2,3) then F3SCENRCRED=-3;
else if ug=1 and grad=1 then F3SCENRCRED=3;
else if grad=1 then F3SCENRCRED=2;
else if ug=1 then F3SCENRCRED=1;
else if ug=0 and grad=0 and missing=0 then F3SCENRCRED=0;
else F3SCENRCRED=-9;
```

Applies to: Third follow-up respondents who indicated receipt of one or more postsecondary credentials.

Name: F3SEIAGE30

Label: SEI-based code for expected age-30 occupation

Description: Indicates the respondent's anticipated occupation at age 30, mapped from the Occupational Information Network (O*NET) coding scheme to the ELS-2002 base year / first follow-up coding scheme (e.g., the scheme used in variable BYOCUF).

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
1	3.60	Clerical
2	5.13	Craftsperson
3	0.43	Farmer, farm manager
5	0.94	Laborer
6	13.40	Manager, administrator
7	0.92	Military

8	3.28	Operative
9	25.08	Professional A
10	6.76	Professional B
12	2.60	Protective service
13	1.76	Sales
14	4.72	School teacher
15	7.24	Service
16	6.46	Technical
-1	16.05	{Don't know}
-3	1.60	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.03	{Missing}

Weight used in frequency: (WTH000)

Notes: Respondents indicating that they do not plan on working for pay at age 30 are coded as F3SEIAGE30 = -3, and respondents indicating that they don't know what their occupation at age 30 will be are coded as F3SEIAGE30 = -1. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See Chapter 5 of the ELS-2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities.

Note: As a part of the ELS-2002 postsecondary transcript data release, the sample member's expected age-30 occupation was also identified as a STEM or a non-STEM occupation; see F3STEMOCCA30 for the STEM occupation flag associated with the sample member's expected age-30 occupation.

Applies to: All ELS:2002 Third follow-up respondents, except those not planning/expecting to work for pay at age 30.

Name: F3SEICURR

Label: SEI-based code for current/most recent job

Description: Indicates the respondent's current and/or most recent job, mapped from the Occupational Information Network (O*NET) coding scheme to the ELS-2002 base year / first follow-up coding scheme (e.g., the scheme used in variable BYOCCUF).

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	15.07	Clerical
2	5.97	Craftsperson
5	3.49	Laborer
6	10.89	Manager, administrator
7	1.01	Military
8	6.66	Operative
9	14.21	Professional A
10	2.56	Professional B
12	2.36	Protective service
13	4.78	Sales

14	3.71	School teacher
15	20.06	Service
16	5.87	Technical
-3	2.10	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.27	{Missing}

Weight used in frequency: (WTH000)

Notes: Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See Chapter 5 of the ELS-2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities.

Note: As a part of the ELS-2002 postsecondary transcript data release, the sample member's current/most recent job as of F3 was also identified as a STEM or a non-STEM occupation; see F3STEMOCCUR for the STEM occupation flag associated with the sample member's current/most recent job as of F3.

For the purpose of disclosure avoidance, "Farmer, farm manager" recoded to "Missing" on the public-use file.

Applies to: All ELS:2002 Third follow-up respondents who have worked for pay since January 2006 (i.e., all ELS:2002 Third follow-up respondents where F3EVRJOB=1).

Name: F3SES

Label: Sample member's socioeconomic status as of F3

Description: This variable is the average of 3 inputs (2011 earnings from employment, the prestige score associated with the respondent's current/most recent job, and educational attainment), each of which is standardized to a mean of 0 and a standard deviation of 1 prior to averaging.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	99.65	Positive values, see statistics below
0	0.35	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
-1.41	11.39	0.00	0.73

Weight used in frequency: (WTH000)

Notes: Data users should note that, as of the third follow-up, socioeconomic status may be less-than fully stable for some third follow-up respondents, e.g., respondents with graduate-level education who are just beginning or have yet to begin their careers. Users should also note that F3SES does not account for the income, occupation, or education of the respondent's spouse/partner, and therefore may not be fully indicative of household socioeconomic status as of the third follow-up.

Note: While the two versions of the BY family SES composites (BYSES1 and BYSES2) were created by differential assignment of prestige scores based on the 16-category BY occupation variables, F3SES is created by assigning prestige scores based on the 2-digit ONET code associated with the respondent's current/most recent job as of the third follow-up.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3SESQU

Label: Quartile coding of the sample member's socioeconomic status as of F3

Description: This variable is a weighted quartile coding of F3SES; F3SES is the average of 3 inputs (2011 earnings from employment, the prestige score associated with the respondent's current/most recent job, and educational

attainment), each of which is standardized to a mean of 0 and a standard deviation of 1 prior to averaging.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
1	24.83	Lowest quartile
2	25.03	Second quartile
3	24.97	Third quartile
4	25.18	Highest quartile
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: Data users should note that, as of the third follow-up, socioeconomic status may be less-than fully stable for some third follow-up respondents, e.g., respondents with graduate-level education who are just beginning or have yet to begin their careers. Users should also note that neither F3SESQU nor F3SES account for the income, occupation, or education of the respondent's spouse/partner, and therefore may not be fully indicative of household socioeconomic status as of the third follow-up.

Note: While the two versions of the BY family SES composites (BYSES1 and BYSES2) were created by differential assignment of prestige scores based on the 16-category BY occupation variables, F3SES / F3SESQU are created by assigning prestige scores based on the 2-digit ONET code associated with the respondent's current/most recent job as of the third follow-up.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3SINGLEPAR

Label: Single parent indicator

Description: Indicates if the respondent is a single parent.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	90.96	Not a single parent
1	3.75	Single parent
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	5.29	{Missing}

Weight used in frequency: (WTH000)

Notes: Respondents are coded as single parents in F3SINGLEPAR if they indicate that (1) they are not currently married and not currently living with a significant other in a marriage-like relationship, (2) they have had a biological child or have adopted a child, and (3) that there is one or more children currently living in their household.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3SPERN2011

Label: 2011 employment income: spouse/partner only

Description: The respondent's spouse/partner's earnings from employment during the 2011 calendar year are drawn directly from the third follow-up interview when available (F3D22), and are imputed when missing.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	43.03	Positive values, see statistics below

0	8.05	Zero
-3	48.92	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
500.00	215000.00	33330.99	24604.70

Weight used in frequency: (WTH000)

Notes: Imputed values for F3SPERN2011 can be identified by using F3SPERN2011IM.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3STAFYRS

Label: Stafford: number of years borrowed (as of F3)

Description: Indicates the number of years the sample member received Federal Direct Loans (also known as Stafford Loans) as reported by the National Student Loan Data System (NSLDS).

Source: National Student Loan Data System (NSLDS)

Descriptive Statistics:

Value	Percentage	Value label
0	10.72	Zero
1	13.25	1
2	8.86	2
3	7.55	3
4	8.34	4
5	5.44	5
6	3.29	6
7	2.14	7
8	0.94	8
9	0.24	9 or more
-9	39.23	{Missing}

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 9 on the public-use file.

Name: F3STEM1CRED

Label: F3 survey: Ever earned a postsecondary credential in a STEM field (SMART grant definition)

Description: Indicates if the student has ever earned a postsecondary credential in a STEM major/field of study (using the SMART grant definition for STEM) for their undergraduate education as of June 2013.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	42.70	No PS cred in a STEM field

1	6.94	Undergraduate cred in a STEM field
2	0.74	UG and graduate cred or graduate only cred in a STEM field
-3	47.93	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.68	{Missing}

Weight used in frequency: (WTH000)

Notes: The fields of study identified as STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). The 2010 Classification of Instructional Programs (CIP) was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file. List of CCM codes for F3STEM1CRED where ** variable** corresponds to one of the following- F3ICREDTYPE_1, F3ICREDTYPE2_1, F3ICREDTYPE_2, F3ICREDTYPE2_2

Code: if **variable** in (03.0104, 03.0301, 03.0502, 03.0509, 03.0601, 42.2706, 30.0101, 30.0601, 30.0801, 30.1501, 30.1001, 30.1601, 30.1801, 30.1901, 30.2401, 30.2501, 30.2701, 30.3001, 30.3101, 03.3201)

or (11.0100 < **variable** < 11.0600)

or (11.0700 < **variable** < 12.0000)

or (14.0000 < **variable** < 15.0500)

or (26.0000 < **variable** < 28.0000)

or (40.0000 < **variable** < 42.0000)

or (01.0900 < **variable** < 01.1300)

or (15.0502 < **variable** < 16.0000)

or (28.9999 < **variable** < 30.0000)

(End of [LIST])

if F3ICREDTYPE_1 >= 4 and F3ICREDSPEC_1 in [LIST] then grad = 1;

if F3ICREDSPEC_1 = -9 then missing = 1;

if F3ICREDTYPE2_1 >= 4 and F3ICREDSPEC2_1 in [LIST] then grad = 1;

if F3ICREDSPEC2_1 = -9 then missing = 1;

if F3ICREDTYPE_2 in (-9,1,2,3) and F3ICREDSPEC_2 in [LIST] then ug = 1;

if F3ICREDSPEC_2 = -9 then missing = 1;

if F3ICREDTYPE2_2 in (-9,1,2,3) and F3ICREDSPEC2_2 in [LIST] then ug = 1;

if F3ICREDSPEC2_2 = -9 then missing = 1;

if F3ATTAINMENT in (-4,-8) then F3STEM1CRED=F3ATTAINMENT;

else if F3ATTAINMENT in (1,2,3) then F3STEM1CRED=-3;

else if ug=1 and grad=1 then F3STEM1CRED=3;

else if grad=1 then F3STEM1CRED=2;

else if ug=1 then F3STEM1CRED=1;

else if ug=0 and grad=0 and missing=0 then F3STEM1CRED=0;

else F3STEM1CRED=-9;

Applies to: Third follow-up respondents who indicated receipt of one or more postsecondary credentials.

Name: F3STEM2CRED

Label: F3 survey: Ever earned a postsecondary credential in a STEM field (NSF grant definition)

Description: Indicates if the student has ever earned a postsecondary credential in a STEM major/field of study (using the NSF grant definition for STEM) for their undergraduate education as of June 2013.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	26.51	No PS cred in a STEM field
1	20.93	Undergraduate cred in a STEM field
2	3.06	UG and graduate cred or graduate only cred in a STEM field
-3	47.93	{legitimate skip (no PS cred)}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.56	{Missing}

Weight used in frequency: (WTH000)

Notes: The fields of study identified as STEM for this variable were adapted from the National Science Foundation's articulation of science, engineering, and science-and-engineering-related fields of study. The 2010 Classification of Instructional Programs (CIP) was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file. List of CCM codes for F3STEM2CRED where ** variable** corresponds to one of the following- F3ICREDTYPE_1, F3ICREDTYPE2_1, F3ICREDTYPE_2, F3ICREDTYPE2_2

Code: if **variable** in (01.0103, 01.0308, 01.0508, 05.0299, 15.1501, 16.0102, 16.0105, 16.0199, 16.1602, 19.0505, 30.1001, 30.1101, 30.1501, 30.1701, 30.1901, 30.2001, 30.2301, 30.3201, 51.1507, 51.2004, 51.3201, 51.3603, 52.1302, 52.1304, 54.0104)

or (01.0800 < **variable** < 03.0511)

or (03.0511 < **variable** < 04.0201)

or (04.9999 < **variable** < 05.0207)

or (05.0207 < **variable** < 09.0100)

or (10.9999 < **variable** < 11.0601)

or (11.0699 < **variable** < 12.0301)

or (13.9999 < **variable** < 14.3701)

or (14.3701 < **variable** < 15.0000)

or (25.9999 < **variable** < 26.1309)

or (26.1309 < **variable** < 28.0101)

or (39.9999 < **variable** < 41.0000)

or (41.9999 < **variable** < 42.2805)

or (42.2806 < **variable** < 43.0102)

or (44.0201 < **variable** < 44.0701)

or (44.0799 < **variable** < 46.0000)

or **variable** in (05.0207, 10.9999, 15.1401, 16.1601, 16.1603, 16.1699, 26.1309, 30.1299, 30.1801, 30.2101, 30.3301, 31.0505, 48.0508, 51.0717, 51.1504, 51.3199)

or (9.9999 < **variable** < 10.0301)

or (14.9999 < **variable** < 15.1301)

or (15.1301 < **variable** < 15.1399)

or (15.1501 < **variable** < 16.0101)

or (27.9999 < **variable** < 30.1001)

or (30.2301 < **variable** < 30.3201)

or (33.0199 < **variable** < 35.0101)

or (40.9999 < **variable** < 42.0101)

or (50.9999 < **variable** < 51.0716)

or (51.0718 < **variable** < 51.0913)

or (51.0913 < **variable** < 51.1503)

or (51.1507 < **variable** < 51.2004)

or (51.2004 < **variable** < 51.3104)

or (51.3201 < **variable** < 51.3501)

or (51.3501 < **variable** < 51.3603)

or (51.3603 < **variable** < 52.0101)

or (54.0199 < **variable** < 60.0603)

(End of [LIST])

if F3ICREDTYPE_1 >= 4 and F3ICREDSPEC_1 in [LIST] then grad = 1;

if F3ICREDSPEC_1 = -9 then missing = 1;

if F3ICREDTYPE2_1 >= 4 and F3ICREDSPEC2_1 in [LIST] then grad = 1;

if F3ICREDSPEC2_1 = -9 then missing = 1;

if F3ICREDTYPE_2 in (-9,1,2,3) and F3ICREDSPEC_2 in [LIST] then ug = 1;

if F3ICREDSPEC_2 = -9 then missing = 1;

if F3ICREDTYPE2_2 in (-9,1,2,3) and F3ICREDSPEC2_2 in [LIST] then ug = 1;

if F3ICREDSPEC2_2 = -9 then missing = 1;

if F3ATTAINMENT in (-4,-8) then F3STEM2CRED=F3ATTAINMENT;

else if F3ATTAINMENT in (1,2,3) then F3STEM2CRED=-3;

else if ug=1 and grad=1 then F3STEM2CRED=3;

else if grad=1 then F3STEM2CRED=2;

```

else if ug=1 then F3STEM2CRED=1;
else if ug=0 and grad=0 and missing=0 then F3STEM2CRED=0;
else F3STEM2CRED=-9;

```

Applies to: Third follow-up respondents who indicated receipt of one or more postsecondary credentials.

Name: F3STEMOCCA30

Label: STEM occupation flag for student's known expected occupation at age 30 as of F3 (STEM flag for F3ONET6AGE30)

Description: Indicates whether the respondent's expected occupation at age 30 as of the third follow-up is considered a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Third follow-up questionnaire; Imputation

Descriptive Statistics:

Value	Percentage	Value label
0	59.27	Not a STEM occupation
11	5.35	STEM occupation (see documentation re: '1A' designation)
12	1.06	STEM occupation (see documentation re: '1B' designation)
14	0.22	STEM occupation (see documentation re: '1D' designation)
15	0.27	STEM occupation (see documentation re: '1E' designation)
21	0.89	STEM occupation (see documentation re: '2A' designation)
31	0.21	STEM occupation (see documentation re: '3A' designation)
41	10.46	STEM occupation (see documentation re: '4A' designation)
42	3.60	STEM occupation (see documentation re: '4B' designation)
44	0.41	STEM occupation (see documentation re: '4D' designation)
99	0.60	STEM sub-domain and occupation type suppressed
-1	16.05	{Don't know}
-3	1.60	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.01	{Missing}

Weight used in frequency: (WTH000)

Notes: F3STEMOCCA30 indicates whether the Occupational Information Network (O*NET) code associated with the respondent's expected occupation at age 30 as of the third follow-up (F3ONET6AGE30) is classified as STEM by the Bureau of Labor Statistics. F3STEMOCCA30 further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below). See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations. STEM sub-domain- 1 Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations 2 Social Science Occupations 3 Architecture Occupations 4 Health Occupations 5 Split across 2 sub-domains STEM occupation type- A Research, Development, Design, or Practitioner Occupations B Technologist and Technician Occupations C Postsecondary Teaching Occupations D Managerial Occupations E Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3STEMOCCCUR

Label: STEM occupation flag for student's known current occupation as of F3 (STEM flag for F3ONET6CURR)

Description: Indicates whether the respondent's current/most recent occupation as of the third follow-up is considered

a STEM occupation by the Bureau of Labor Statistics.

Source: ELS:2002 Third follow-up questionnaire

Descriptive Statistics:

Value	Percentage	Value label
0	83.99	Not a STEM occupation
11	3.96	STEM occupation (see documentation re: '1A' designation)
12	1.30	STEM occupation (see documentation re: '1B' designation)
15	0.48	STEM occupation (see documentation re: '1E' designation)
21	0.34	STEM occupation (see documentation re: '2A' designation)
22	0.22	STEM occupation (see documentation re: '2B' designation)
41	3.21	STEM occupation (see documentation re: '4A' designation)
42	2.77	STEM occupation (see documentation re: '4B' designation)
99	0.56	STEM sub-domain and occupation type suppressed
-3	2.10	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.08	{Missing}

Weight used in frequency: (WTH000)

Notes: F3STEMOCCUR indicates whether the Occupational Information Network (O*NET) code associated with the respondent's current/most recent occupation as of the third follow-up (F3ONET6CURR) is classified as STEM by the Bureau of Labor Statistics. F3STEMOCCUR further categorizes each STEM occupation by STEM sub-domain and STEM occupation type; specifically, a 1-digit + 1-character code is applied to each STEM occupation, where the digit indicates the STEM sub-domain (as specified in the key below), and the character indicates the STEM occupation type (as specified in the key below). See <http://www.onetonline.org/> for further information regarding the O*NET classification system, and see <http://www.bls.gov/soc/> for further information regarding the Bureau of Labor Statistics classification of STEM occupations. STEM sub-domain- 1 Life and Physical Science, Engineering, Mathematics, and Information Technology Occupations 2 Social Science Occupations 3 Architecture Occupations 4 Health Occupations 5 Split across 2 sub-domains STEM occupation type- A Research, Development, Design, or Practitioner Occupations B Technologist and Technician Occupations C Postsecondary Teaching Occupations D Managerial Occupations E Sales Occupations

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Name: F3STEXP

Label: Student's expected level of academic achievement: third follow-up

Description: Indicates whether the highest level of education the respondent ever expects to complete; it is taken directly from the third follow-up interview (F3A17) if available, and imputed for third follow-up respondents if missing (use F3STEXPIM to identify imputed F3STEXP values).

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
1	0.62	Less than high school graduation
2	2.29	GED or other high school equivalency only
3	12.06	High school diploma only
4	4.68	Undergraduate certificate or diploma

5	9.94	Associate's Degree
6	23.98	Bachelor's Degree
7	24.56	Master's Degree
8	5.65	Doctoral Degree - research/scholarship
9	4.82	Doctoral Degree - professional practice
10	0.91	Doctoral Degree - other
11	10.50	Don't know
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3STFCUM3

Label: Cumulative Stafford for undergrad and grad

Description: Indicates the cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) amount borrowed for undergraduate and graduate education.

Source: National Student Loan Data System

Descriptive Statistics:

Value	Percentage	Label
Continuous	50.05	Positive values, see statistics below
0	10.72	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
600.00	190000.00	21841.71	24270.83

Weight used in frequency: (WTH000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Name: F3STLOANAMT

Label: Total amount borrowed in student loans

Description: The total amount the respondent has borrowed in student/postsecondary education loans.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	50.77	Positive values, see statistics below
-3	49.23	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation

350.00	300000.00	30061.58	37041.49
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Weight used in frequency: (WTH000)

Notes: This variable is drawn directly from the third follow-up interview when available (F3A19), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANAMT can be identified by using F3STLOANAMTIM.

For disclosure avoidance purposes, F3STLOANAMT has been top-coded at \$300,000.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: All ELS:2002 Third follow-up respondents who have taken out student/postsecondary education loans (i.e., all ELS:2002 Third follow-up respondents where F3STLOANEVR=1).

Name: F3STLOANEVR

Label: Whether R took out any student/PSE loans

Description: Indicates whether the respondent has taken out any student/postsecondary education loans.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Value label
0	33.57	No
1	50.77	Yes
-3	15.66	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTH000)

Notes: This variable is drawn directly from the third follow-up interview when available (F3A18), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANEVR can be identified by using F3STLOANEVRIM.

Applies to: All ELS:2002 Third follow-up respondents with postsecondary attendance (i.e., all ELS:2002 Third follow-up respondents where F3EVRATT=1).

Name: F3STLOANPAY

Label: Amount currently paid monthly toward student loan balance

Description: The monthly amount the respondent is currently paying toward their student/postsecondary education loans.

Source: ELS:2002 Third follow-up questionnaire; Imputation.

Descriptive Statistics:

Value	Percentage	Label
Continuous	26.03	Positive values, see statistics below
-3	73.97	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
20.00	2000.00	285.27	282.95

Weight used in frequency: (WTH000)

Notes: This variable is drawn directly from the third follow-up interview when available (F3A21), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANPAY can be identified by using F3STLOANPAYIM.

For disclosure purposes, F3STLOANPAY was top-coded at \$2,000.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 30 or more.

Applies to: ELS:2002 Third follow-up respondents who are currently making payments on their student/postsecondary education loans.

Name: F3SUBCUM3

Label: Cumulative subsidized Stafford and Perkins for undergrad and grad

Description: Indicates the cumulative federal subsidized loan amount borrowed for undergraduate and graduate education.

Source: National Student Loan Data System

Descriptive Statistics:

Value	Percentage	Label
Continuous	46.37	Positive values, see statistics below
0	14.40	Zero
-9	39.23	{Missing}

Minimum	Maximum	Average	Standard Deviation
400.00	50000.00	12270.16	10434.45

Weight used in frequency: (WTH000)

Notes: Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each (non-reserve code) value has a frequency of 29 or more.

Name: F3TZALABERN

Label: Transcript: Advanced laboratory science courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in advanced laboratory courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	26.90	Positive values, see statistics below
0	72.22	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.88	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	60.00	10.91	13.08

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZALABGPA

Label: Transcript: Advanced laboratory science courses: known GPA

Description: Indicates the known grade-point average (GPA) for all advanced laboratory courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	26.49	Positive values, see statistics below
0	0.93	Zero
-3	71.85	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.73	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.85	0.85

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in advanced laboratory courses.

Name: F3TZALABTOT

Label: Transcript: Advanced laboratory science courses: known number taken

Description: Indicates the total number of known advanced laboratory courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	29.11	Positive values, see statistics below
0	70.25	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	28.00	4.03	5.14

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZANYDEGRE

Label: Transcript: Any known degree attained as of June 2013

Description: Indicates whether the student received a known degree from any postsecondary institution as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	42.73	No
1	57.04	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.22	{Missing}

Weight used in frequency: (WTN000)

Applies to: All postsecondary transcript respondents.**Name:** F3TZASC1CIP2**Label:** Transcript: First known associate's degree major/field of study: 2-digit CIP**Description:** Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the first known associate's degree.**Source:** ELS:2002 Postsecondary Education Transcripts**Descriptive Statistics:**

Value	Percentage	Value label
11	0.48	Computer/information science/support
12	0.40	Personal and culinary services
13	0.66	Education
15	0.54	Engineering technologies/technicians
24	4.08	Liberal arts/sci/gen studies/humanities
43	0.75	Security and protective services
47	0.46	Mechanic/repair technologies/technicians
50	0.50	Visual and performing arts
51	2.22	Health/related clinical sciences
52	1.70	Business/management/marketing/related
61	1.61	Other
-3	85.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.40	{Missing}

Weight used in frequency: (WTN000)

Applies to: Postsecondary transcript respondents who received an associate's degree.**Name:** F3TZASCIERN**Label:** Transcript: All science courses: known credits earned**Description:** Indicates the total number of known normalized credits that the student earned in science courses in their undergraduate education.**Source:** ELS:2002 Postsecondary Education Transcripts**Descriptive Statistics:**

Value	Percentage	Label
Continuous	63.81	Positive values, see statistics below
0	35.31	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.88	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	108.00	14.99	18.20

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZASCIGPA

Label: Transcript: All science courses: known GPA

Description: Indicates the known grade-point average (GPA) for all science courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	62.99	Positive values, see statistics below
0	2.75	Zero
-3	33.55	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.72	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.67	0.86

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in science courses.

Name: F3TZASCITOT

Label: Transcript: All science courses: known number taken

Description: Indicates the total number of known science courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	68.75	Positive values, see statistics below
0	30.61	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	44.00	5.58	6.86

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZASCLCIP2

Label: Transcript: Most recent known associate's degree major/field of study: 2-digit CIP

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the most recent known associate's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
11	0.46	Computer/information science/support
12	0.41	Personal and culinary services
13	0.68	Education
15	0.55	Engineering technologies/technicians
24	3.86	Liberal arts/sci/gen studies/humanities
43	0.75	Security and protective services
47	0.46	Mechanic/repair technologies/technicians
50	0.56	Visual and performing arts
51	2.43	Health/related clinical sciences
52	1.70	Business/management/marketing/related
61	1.58	Other
-3	85.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.37	{Missing}

Weight used in frequency: (WTN000)

Notes: See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received an associate's degree.

Name: F3TZASOC1DT

Label: Transcript: Date of first known associate's degree earned

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the most recent known certificate.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	14.38	Positive values, see statistics below
-3	85.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.43	{Missing}

Minimum	Maximum	Average	Standard Deviation
2005.00	2013.00	2008.34	2.19

Weight used in frequency: (WTN000)

Applies to: Postsecondary transcript respondents who received an associate's degree.

Name: F3TZASOCLTDT

Label: Transcript: Date of most recent known associate's degree

Description: Indicates the date of the student's most recent known associate's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	14.38	Positive values, see statistics below
-3	85.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.43	{Missing}

Minimum	Maximum	Average	Standard Deviation
2005.00	2013.00	2008.47	2.22

Weight used in frequency: (WTN000)

Notes: This variable is presented in YYYYMM format.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2005 and top-coded at 2013 on the public-use file.

Applies to: Postsecondary transcript respondents who received an associate's degree.

Name: F3TZBACH1DT

Label: Transcript: Date of first known bachelor's degree earned

Description: Indicates the date of the student's first known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	39.93	Positive values, see statistics below
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.50	{Missing}

Minimum	Maximum	Average	Standard Deviation
2007.00	2013.00	2008.82	1.30

Weight used in frequency: (WTN000)

Notes: This variable is presented in YYYYMM format.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2007 and top-coded at 2013 on the public-use file.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZBACHL23

Label: Transcript: Most recent known bachelor's degree major/field of study: undergraduate (23 categories)

Description: Indicates the major/field of study values for the most recent known bachelor's degree received aggregated into 23 general subject categories.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	0.79	Computer and information sciences
2	2.16	Engineering and engineering technology
3	2.88	Bio/physical science, science technology
4	0.45	Mathematics
5	0.83	Agriculture and natural resources
6	0.95	General studies and other
7	3.81	Social sciences
8	2.58	Psychology
9	4.22	Humanities
10	0.90	History
11	1.12	Personal and consumer services
13	0.96	Military technology/protective services
14	2.81	Health care fields
15	7.95	Business
16	2.80	Education
17	0.19	Architecture
18	2.46	Communications

19	0.92	Public administration and human services
20	0.49	Design and applied arts
24	0.44	Other
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.72	{Missing}

Weight used in frequency: (WTN000)

Notes: The categories are created using the 2010 Classification of Instructional Programs (CIP). See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZBACHLTDT

Label: Transcript: Date of most recent known bachelor's degree

Description: Indicates the date of the student's most recent known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	39.93	Positive values, see statistics below
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.50	{Missing}

Minimum	Maximum	Average	Standard Deviation
2007.00	2013.00	2008.85	1.31

Weight used in frequency: (WTN000)

Notes: This variable is presented in YYYYMM format.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2007 and top-coded at 2013 on the public-use file.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZBCH1CIP2

Label: Transcript: First known bachelor's degree major/field of study: 2-digit CIP

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the first known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	0.44	Agriculture/operations/related sciences
3	0.38	Natural resources and conservation
4	0.18	Architecture and related services

9	2.43	Communication, journalism, related
11	0.79	Computer/information science/support
13	2.79	Education
14	1.75	Engineering
15	0.38	Engineering technologies/technicians
16	0.53	Foreign languages/literature/linguistics
19	0.47	Family/consumer sciences/human sciences
23	1.30	English language and literature/letters
24	0.54	Liberal arts/sci/gen studies/humanities
26	2.17	Biological and biomedical sciences
27	0.45	Mathematics and statistics
30	1.04	Multi/interdisciplinary studies
31	1.12	Parks/recreation/leisure/fitness studies
38	0.26	Philosophy and religious studies
40	0.60	Physical sciences
42	2.59	Psychology
43	0.90	Security and protective services
44	0.74	Public administration/social service
45	3.34	Social sciences
50	2.30	Visual and performing arts
51	2.59	Health/related clinical sciences
52	7.93	Business/management/marketing/related
54	0.90	History
61	0.77	Other
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.73	{Missing}

Weight used in frequency: (WTN000)

Notes: See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZBCHLCIP2

Label: Transcript: Most recent known bachelor's degree major/field of study: 2-digit CIP

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the most recent known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	0.45	Agriculture/operations/related sciences
3	0.38	Natural resources and conservation
4	0.19	Architecture and related services
9	2.41	Communication, journalism, related
11	0.79	Computer/information science/support
13	2.80	Education
14	1.77	Engineering
15	0.38	Engineering technologies/technicians
16	0.52	Foreign languages/literature/linguistics
19	0.48	Family/consumer sciences/human sciences
23	1.29	English language and literature/letters
24	0.54	Liberal arts/sci/gen studies/humanities
26	2.07	Biological and biomedical sciences
27	0.45	Mathematics and statistics
30	1.03	Multi/interdisciplinary studies
31	1.08	Parks/recreation/leisure/fitness studies
38	0.26	Philosophy and religious studies
40	0.59	Physical sciences
42	2.58	Psychology
43	0.90	Security and protective services
44	0.71	Public administration/social service
45	3.33	Social sciences
50	2.29	Visual and performing arts
51	2.81	Health/related clinical sciences
52	7.93	Business/management/marketing/related
54	0.90	History
61	0.77	Other
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.72	{Missing}

Weight used in frequency: (WTN000)

Notes: See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZBIOURN

Label: Transcript: Biological/agricultural/envir life science courses: known credits earned

Description: Indicates the total known number of normalized credits that the student earned in biological, agricultural, and environmental life sciences courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	50.42	Positive values, see statistics below
0	48.80	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.78	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	72.00	10.55	12.10

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZBIOLGPA

Label: Transcript: Biological/agricultural/envir life science courses: known GPA

Description: Indicates the known grade-point average (GPA) for all biological, agricultural, and environmental life sciences courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	49.32	Positive values, see statistics below
0	2.39	Zero
-3	47.55	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.74	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.70	0.88

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in Biological/agricultural/environmental life science courses.

Name: F3TZBIOLTOT

Label: Transcript: Biological/agricultural/envir life science courses: known number taken

Description: Indicates the total number of known biological, agricultural, and environmental life sciences courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	54.91	Positive values, see statistics below
0	44.45	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	28.00	3.78	4.41

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZCALCERN

Label: Transcript: Calculus/advanced math courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in calculus/advanced math courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	21.03	Positive values, see statistics below
0	78.23	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.74	{Missing}

Minimum	Maximum	Average	Standard Deviation
2.00	27.00	7.21	5.72

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZCALCGPA

Label: Transcript: Calculus/advanced math courses: known GPA

Description: Indicates the known grade-point average (GPA) for all calculus/advanced math courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	19.93	Positive values, see statistics below
0	1.05	Zero
-3	78.27	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.75	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.67	0.94

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in calculus/advanced math courses.

Name: F3TZCALCTOT

Label: Transcript: Calculus/advanced math courses: known number taken

Description: Indicates the total number of known calculus/advanced math courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	22.52	Positive values, see statistics below
0	76.84	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	2.46	2.15

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZCERT1DT

Label: Transcript: Date of first known certificate earned

Description: Indicates the date of the student's first known certificate. This variable is presented in YYYYMM format.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	8.83	Positive values, see statistics below
-3	90.78	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.39	{Missing}

Minimum	Maximum	Average	Standard Deviation
2004.00	2013.00	2007.88	2.50

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2004 and top-coded at 2013 on the public-use file.

Applies to: Postsecondary transcript respondents who received a certificate.

Name: F3TZCERTLTDT

Label: Transcript: Date of most recent known certificate

Description: Indicates the date of the student's most recent known certificate.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	8.83	Positive values, see statistics below
-3	90.78	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.39	{Missing}

Minimum	Maximum	Average	Standard Deviation
2004.00	2013.00	2008.00	2.51

Weight used in frequency: (WTN000)

Notes: This variable is presented in YYYYMM format.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2004 and top-coded at 2013 on the public-use file.

Applies to: Postsecondary transcript respondents who received a certificate.

Name: F3TZCMTHERN

Label: Transcript: All college-level mathematics courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in college-level mathematics courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
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Continuous	56.93	Positive values, see statistics below
0	42.21	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.86	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	21.00	5.58	3.50

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZCMTHGPA

Label: Transcript: All college-level mathematics courses: known GPA

Description: Indicates the known grade-point average (GPA) for all college-level mathematics courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	55.40	Positive values, see statistics below
0	3.24	Zero
-3	40.41	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.95	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.72	0.95

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in college-level mathematics courses.

Name: F3TZCMTHTOT

Label: Transcript: All college-level mathematics courses: known number taken

Description: Indicates the total number of known college-level mathematics courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label

0	36.39	Zero
1	27.43	1
2	18.08	2
3	8.52	3
4	4.21	4
5	2.24	5
6	1.04	6
7	0.66	7
8	0.30	8
9	0.49	9 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 9 on the public-use file.

Name: F3TZCOVERAGE

Label: Transcript: Overall transcript coverage indicator

Description: Indicates the completeness and source of a sample member's transcript data.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	78.03	Complete coverage: transcripts received from all known attended postsecondary institutions
2	8.41	Potentially incomplete coverage: not all transcripts were received, but some enrollment data are available for all known institutions attended
3	13.56	Incomplete coverage: not all transcripts were received, and no enrollment data are available for one or more institutions attended
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTN000)

Notes: Transcripts were requested from all known institutions attended by sample members (including all coded institutions that the student reported in the ELS-2002 second and third follow-up student interviews as well as institutions present on received transcripts). An F3TZCOVERAGE value of 1 indicates that a transcript was received from all institutions known to have been attended by the sample member. For sample members who attended more than one institution, a transcript may include data on enrollment at other institutions. Typically such data are associated with the transfer of credit from one institution to another. Such data may be incomplete, for example, including course names, but not term dates. For such cases, an F3TZCOVERAGE value of 2 indicates that while not all transcripts for known institutions were received, some enrollment data were collected for all known institutions attended. An F3TZCOVERAGE value of 3 indicates that there was some enrollment for which no transcript was received and no data were available from other institutions' transcripts. Transcripts were not requested for institutions that were uncodable, unknown, or foreign. To determine whether or not enrollment data were collected for specific student-institution pairings, see the transcript status variable (F3TSTRANSTAT) on the student-institution file (PSTSTUINST). if F3TZTRANRESP in (0,3) then F3TZCOVERAGE = -8; else if F3TZTRANRESP = 2 then F3TZCOVERAGE = -4; else do;

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if F3TZSCHTOTAL = F3TZRECTRANS then F3TZCOVERAGE = 1;
else if F3TZSCHTOTAL = [count of institutions on student-institution file (PSTSTUINST.PRI) with F3TSTRANSTAT IN(1,2)] and [at least one institution tied to student on student-institution file (PSTSTUINST.PRI) has F3TSTRANSTAT = 2] then F3TZCOVERAGE = 2;
else F3TZCOVERAGE = 3;
end;

```

Applies to: All postsecondary transcript respondents.

Name: F3TZCRT1CIP2

Label: Transcript: First known certificate major/field of study: 2-digit CIP

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the first known certificate.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
12	1.37	Personal and culinary services
47	0.96	Mechanic/repair technologies/technicians
51	3.84	Health/related clinical sciences
52	0.38	Business/management/marketing/related
61	1.90	Other
-3	90.78	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.77	{Missing}

Weight used in frequency: (WTN000)

Notes: See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a certificate.

Name: F3TZCRTLCIP2

Label: Transcript: Most recent known certificate major/field of study: 2-digit CIP

Description: Indicates the 2-digit 2010 Classification of Instructional Programs (CIP) code for the most recent known certificate.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
12	1.39	Personal and culinary services
47	0.91	Mechanic/repair technologies/technicians
51	3.86	Health/related clinical sciences
52	0.36	Business/management/marketing/related
61	1.93	Other
-3	90.78	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9	0.77	{Missing}	
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Weight used in frequency: (WTN000)

Notes: See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a certificate.

Name: F3TZCTEERN

Label: Transcript: Career and technical education courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in career and technical education courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	45.35	Positive values, see statistics below
0	53.24	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.41	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	108.00	21.94	21.41

Weight used in frequency: (WTN000)

Notes: The course codes identified as Career and Technical Education for this variable were adapted from the U.S. Department of Education, National Center for Education Statistics, Career/Technical Education Statistics system (2002), 2010 College Course Map (CCM). The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes in CTE courses.

Name: F3TZCTEGPA

Label: Transcript: Career and technical education courses: known GPA

Description: Indicates the grade-point average (GPA) for all known career and technical education courses by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	43.61	Positive values, see statistics below
0	2.69	Zero
-3	52.51	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.18	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.93	0.85

Weight used in frequency: (WTN000)

Notes: The course codes identified as Career and Technical Education for this variable were adapted from the U.S. Department of Education, National Center for Education Statistics, Career/Technical Education Statistics system (2002), 2010 College Course Map (CCM). The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in CTE courses.

Name: F3TZCTETOT

Label: Transcript: Career and technical education courses: known number taken

Description: Indicates the total number of known career and technical education courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	50.55	Positive values, see statistics below
0	48.81	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	48.00	8.71	8.69

Weight used in frequency: (WTN000)

Notes: The course codes identified as Career and Technical Education for this variable were adapted from the U.S. Department of Education, National Center for Education Statistics, Career/Technical Education Statistics system (2002), 2010 College Course Map (CCM). The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZDEG1SEC

Label: Transcript: Sector of institution where first known degree attained

Description: Indicates the sector of the postsecondary institution where first known degree was attained as reported to IPEDS.

Source: ELS:2002 Postsecondary Education Transcripts, 2002-2012 IPEDS

Descriptive Statistics:

Value	Percentage	Value label
1	26.07	4-year public
2	11.96	4-year private, not-for-profit
3	2.03	4-year private, for-profit
4	11.48	2-year public

6	2.64	2-year private, for-profit
9	1.93	Less than 2-year private, for-profit
10	0.51	Other
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.65	{Missing}

Weight used in frequency: (WTN000)

Notes: It is a nine-category postsecondary institutional sector variable that indicates the postsecondary institution type. This variable is constructed by combining the control (public, private for-profit, and private not-for-profit) and the level (4-year, 2-year, less-than-2-year) of the postsecondary institution.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZDEG1SLC

Label: Transcript: Institutional selectivity of institution where first known degree attained

Description: Indicates the selectivity of the postsecondary institution where the first known degree was attained.

Source: ELS:2002 Postsecondary Education Transcripts, 2002-2012 IPEDS

Descriptive Statistics:

Value	Percentage	Value label
1	14.29	Highly selective, 4-year institution
2	16.61	Moderately selective, 4-year institution
3	5.14	Inclusive, 4-year institution
4	4.00	Selectivity not classified, 4-year institution
5	14.12	Selectivity not classified, 2-year institution
6	1.93	Selectivity not classified, less-than-2-year institution
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.16	{Missing}

Weight used in frequency: (WTN000)

Notes: Selectivity was attained by admissions for the postsecondary institutions reported in 2002-2012 IPEDS and 2010 Carnegie classifications. Postsecondary institutions identified as 4-year postsecondary institutions via IPEDS data are further classified as highly selective, moderately selective, or inclusive according to the Carnegie selectivity measure; postsecondary institutions identified as 4-year postsecondary institutions via IPEDS data with unknown Carnegie selectivity are coded in F3ISELC as "selectivity not classified, 4-year postsecondary institution."

Postsecondary institutions identified as 2-year or less-than-2-year via IPEDS data are coded as such in F3ISELC. The ELS-2002 postsecondary institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile)- "highly selective" 4-year postsecondary institutions refer to those whose first-year students' test scores place them in roughly the top fifth of baccalaureate postsecondary institutions; "moderately selective" 4-year postsecondary institutions refer to those whose first-year students' test scores place them in roughly the middle two-fifths of baccalaureate postsecondary institutions; "inclusive" 4-year postsecondary institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement. Some records set to missing (-9) for the purpose of disclosure avoidance corresponding to the disclosure avoidance procedure applied to F3TZPS1SEC and F3TZDEG1SEC.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZDEG1STRT

Label: Transcript: Year/month first attended institution where first degree attained

Description: Indicates the year/month the student first attended the postsecondary institution where the first known degree was attained.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	56.57	Positive values, see statistics below
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.69	{Missing}

Minimum	Maximum	Average	Standard Deviation
2002.00	2011.00	2004.91	1.81

Weight used in frequency: (WTN000)

Notes: This variable is presented in a YYYYMM format.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2002 and top-coded at 2011 on the public-use file.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZENGIERN

Label: Transcript: Engineering technologies: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in engineering technologies courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	7.71	Positive values, see statistics below
0	91.63	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.65	{Missing}

Minimum	Maximum	Average	Standard Deviation
3.00	48.00	10.88	12.56

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZENGIGPA

Label: Transcript: Engineering technologies: known GPA

Description: Indicates the known grade-point average (GPA) for all engineering technologies courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	7.36	Positive values, see statistics below
0	0.40	Zero
-3	91.51	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.73	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	4.00	3.05	0.79

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in engineering technologies courses.

Name: F3TZENGINTOT

Label: Transcript: Engineering technologies: known number taken

Description: Indicates the total number of known engineering technologies courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	8.55	Positive values, see statistics below
0	90.81	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	16.00	3.82	4.26

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZENGRERN

Label: Transcript: Engineering courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in engineering courses in

their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	6.19	Positive values, see statistics below
0	93.17	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	72.00	22.92	26.17

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZENGRGPA

Label: Transcript: Engineering courses: known GPA

Description: Indicates the known grade-point average (GPA) for all engineering courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	6.11	Positive values, see statistics below
-3	93.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.70	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	4.00	2.86	0.88

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in engineering courses.

Name: F3TZENGRTOT

Label: Transcript: Engineering courses: known number taken

Description: Indicates the total number of known engineering courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	6.65	Positive values, see statistics below
0	92.71	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	32.00	9.03	10.21

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZEVER2YR

Label: Transcript: Ever attended a known 2-year institution

Description: Indicates if the student ever attended a known 2-year postsecondary institution as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	37.77	No
1	59.97	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	2.27	{Missing}

Weight used in frequency: (WTN000)

Notes: Some records set to missing (-9) for the purpose of disclosure avoidance corresponding to the disclosure avoidance procedure applied to F3TZPS1SEC and F3TZDEG1SEC.

Applies to: All postsecondary transcript respondents.

Name: F3TZEVER4YR

Label: Transcript: Ever attended a known 4-year institution

Description: Indicates if the student ever attended a known 4-year postsecondary institution as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	29.06	No
1	69.58	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.36	{Missing}

Weight used in frequency: (WTN000)

Notes: Some records set to missing (-9) for the purpose of disclosure avoidance corresponding to the disclosure avoidance procedure applied to F3TZPS1SEC and F3TZDEG1SEC.

Applies to: All postsecondary transcript respondents.

Name: F3TZEVERLT2

Label: Transcript: Ever attended a known less-than-2-year institution

Description: Indicates if the student ever attended a known less-than-2-year postsecondary institution as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	88.24	No
1	6.86	Yes
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.90	{Missing}

Weight used in frequency: (WTN000)

Notes: Some records set to missing (-9) for the purpose of disclosure avoidance corresponding to the disclosure avoidance procedure applied to F3TZPS1SEC and F3TZDEG1SEC.

Applies to: All postsecondary transcript respondents.

Name: F3TZGPA1STSC

Label: Transcript: GPA at first known institution attended

Description: Indicates the grade-point average (GPA) at the first known postsecondary institution attended as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	88.16	Positive values, see statistics below
0	3.03	Zero
-3	2.37	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	6.44	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.69	0.86

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have a combined normalized attempted credit greater than 0.

Name: F3TZGPAALL

Label: Transcript: GPA at all known institutions attended

Description: Indicates the grade-point average (GPA) at all known postsecondary institutions attended as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	94.00	Positive values, see statistics below
0	2.50	Zero
-3	1.63	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.86	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.72	0.82

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit.

Name: F3TZGPAASSOC

Label: Transcript: GPA at first known associate's degree institution

Description: Indicates the grade-point average (GPA) at the known associate's degree postsecondary institution attended as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	14.28	Positive values, see statistics below
-3	85.45	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.27	{Missing}

Minimum	Maximum	Average	Standard Deviation
2.00	4.00	3.05	0.52

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received an associate's degree.

Name: F3TZGPALAST

Label: Transcript: GPA at last known institution attended

Description: Indicates the grade-point average (GPA) at the last known postsecondary institution attended as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	84.66	Positive values, see statistics below
0	2.89	Zero
-3	2.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	9.72	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.83	0.88

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZHIGHDEG

Label: Transcript: Highest known degree attained as of June 2013

Description: Indicates the highest known degree the student attained from any postsecondary institution as of June 2013.Highest known degree attained as of June 2013

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	6.63	Certificate or diploma
2	9.60	Associate's degree
3	32.50	Bachelor's degree or Post-bachelor's certificate
5	6.33	Master's degree or Post-master's certificate
7	1.96	Doctoral degree
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.25	{Missing}

Weight used in frequency: (WTN000)

Notes: Only include degrees where the date received is before July 2013.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZHIGHDEGH

Label: Transcript: Highest known degree attained was with honors

Description: Indicates if the highest known degree the student attained from any postsecondary institution as of June 2013 was with honors.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	48.45	No
1	8.56	Yes
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.25	{Missing}

Weight used in frequency: (WTN000)

Notes: Only include degrees where the date received is before July 2013.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZHS2PS1

Label: Transcript: Number of months between HS exit and postsecondary entry

Description: Indicates the total number of months from high school exit to the start of their first known postsecondary education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	84.72	Positive values, see statistics below
0	13.41	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.86	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	96.00	10.09	18.41

Weight used in frequency: (WTN000)

Notes: See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZILABERN

Label: Transcript: Introductory laboratory science courses: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in laboratory science courses in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	43.72	Positive values, see statistics below
0	55.49	Zero
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
-9	0.79	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	48.00	9.30	8.49

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZILABGPA

Label: Transcript: Introductory laboratory science courses: known GPA

Description: Indicates the known grade-point average (GPA) for all laboratory courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	42.70	Positive values, see statistics below
0	1.92	Zero
-3	54.63	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.75	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.65	0.89

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in introductory laboratory courses.

Name: F3TZILABTOT

Label: Transcript: Introductory laboratory science courses: known number taken

Description: Indicates the total number of known laboratory courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	47.71	Positive values, see statistics below
0	51.65	Zero
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	18.00	3.46	3.31

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZLSTYRENR

Label: Transcript: Last year of known enrollment

Description: Indicates the last year of known enrollment as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Minimum	Maximum	Average	Standard Deviation
2004.00	2012.00	2009.28	2.40

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2004 and top-coded at 2012 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZMONENROL

Label: Transcript: Total known months enrolled

Description: Indicates the total number of known months enrolled.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	98.57	Positive values, see statistics below
0	0.44	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.99	{Missing}

Minimum	Maximum	Average	Standard Deviation
2.00	96.00	36.69	20.57

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZNSTM1GPA

Label: Transcript: GPA for all known non-STEM courses (using SMART Grant definition of STEM)

Description: Indicates the known grade-point average (GPA) for all non-STEM courses taken by the student for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	93.35	Positive values, see statistics below
0	2.68	Zero
-3	2.85	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.12	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.81	0.81

Weight used in frequency: (WTN000)

Notes: The course codes identified as non-STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). This variable includes courses that are not identified as STEM by the SMART Grant classification. The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in non-STEM courses.

Name: F3TZNSTM1TOT

Label: Transcript: Number of known non-STEM courses taken (using SMART Grant definition of STEM)

Description: Indicates the total number of known non-STEM courses (using the SMART Grant definition of STEM) that the student took for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	98.90	Positive values, see statistics below
0	0.46	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation

1.00	96.00	27.27	17.89
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Weight used in frequency: (WTN000)

Notes: The course codes identified as non-STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). This variable includes courses that are not identified as STEM by the SMART Grant classification. The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZNUMCRSWD

Label: Transcript: Number of known courses with withdrawals

Description: Indicates the total number of known courses that the student withdrew from during their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	59.15	Positive values, see statistics below
0	40.21	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	20.00	3.77	3.49

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more. Where F3TCOURSEDUP = 0, F3TCCRSLEVEL = 1 and F3TMTERMLEVEL = 1; Count number of duplicated courses where F3TCNORMGRDE = -93. if F3TZTRANRESP in (0,3), then F3TZNUMCRSWD = -8; else if F3TZTRANRESP = 2, then F3TZNUMCRSWD = -4; Only include courses where the start and end dates are before July 2013.

Applies to: All postsecondary transcript respondents.

Name: F3TZPOSTATT

Label: Transcript: Postsecondary career: known credits attempted

Description: Indicates the total number of known normalized credits that the student attempted in their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	98.50	Positive values, see statistics below
0	0.37	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.14	{Missing}

Minimum	Maximum	Average	Standard Deviation
3.00	288.00	101.98	61.79

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZPOSTERN

Label: Transcript: Postsecondary career: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	95.59	Positive values, see statistics below
0	3.31	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.10	{Missing}

Minimum	Maximum	Average	Standard Deviation
3.00	288.00	92.49	59.68

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZPS1SEC

Label: Transcript: Sector of first known postsecondary institution

Description: Indicates the sector of the first known postsecondary institution attended as reported to IPEDS.

Source: ELS:2002 Postsecondary Education Transcripts, 2002-2012 IPEDS

Descriptive Statistics:

Value	Percentage	Value label
1	35.30	4-year public
2	15.02	4-year private, not-for-profit
3	3.56	4-year private, for-profit
4	39.55	2-year public
6	2.86	2-year private, for-profit
9	2.18	Less than 2-year private, for-profit
10	1.23	Other
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9

0.30

{Missing}

Weight used in frequency: (WTN000)

Notes: It is a nine-category postsecondary institutional sector variable that indicates the postsecondary institution type. This variable is constructed by combining the control (public, private for-profit, and private not-for-profit) and the level (4-year, 2-year, less-than-2-year) of the postsecondary institution. This variable uses F3TSSCHLORDR to identify the first known postsecondary institution attended. See F3TSSCHLORDR for further information.

For the purpose of disclosure avoidance, categories with frequencies less than 30 were combined into an "Other" category.

Applies to: All postsecondary transcript respondents.

Name: F3TZPS1SLC

Label: Transcript: Institutional selectivity of first known postsecondary institution

Description: Indicates the selectivity of the first known postsecondary institution attended as reported to IPEDS.

Source: ELS:2002 Postsecondary Education Transcripts, 2002-2012 IPEDS

Descriptive Statistics:

Value	Percentage	Value label
1	15.79	Highly selective, 4-year institution
2	21.17	Moderately selective, 4-year institution
3	9.06	Inclusive, 4-year institution
4	7.87	Selectivity not classified, 4-year institution
5	42.42	Selectivity not classified, 2-year institution
6	2.22	Selectivity not classified, less-than-2-year institution
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.47	{Missing}

Weight used in frequency: (WTN000)

Notes: This variable uses F3TSSCHLORDR to identify the first known postsecondary institution attended. See F3TSSCHLORDR for further information. Selectivity was attained by admissions for the postsecondary institutions reported in 2002-2012 IPEDS and 2010 Carnegie classifications. Postsecondary institutions identified as 4-year postsecondary institutions via IPEDS data are further classified as highly selective, moderately selective, or inclusive according to the Carnegie selectivity measure; postsecondary institutions identified as 4-year postsecondary institutions via IPEDS data with unknown Carnegie selectivity are coded in F3ISELC as "selectivity not classified, 4-year postsecondary institution." Postsecondary institutions identified as 2-year or less-than-2-year via IPEDS data are coded as such in F3ISELC. The ELS-2002 postsecondary institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010- Undergraduate Profile)- "highly selective" 4-year postsecondary institutions refer to those whose first-year students' test scores place them in roughly the top fifth of baccalaureate postsecondary institutions; "moderately selective" 4-year postsecondary institutions refer to those whose first-year students' test scores place them in roughly the middle two-fifths of baccalaureate postsecondary institutions; "inclusive" 4-year postsecondary institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement. Some records set to missing (-9) for the purpose of disclosure avoidance corresponding to the disclosure avoidance procedure applied to F3TZPS1SEC and F3TZDEG1SEC.

Applies to: All postsecondary transcript respondents.

Name: F3TZPS1START

Label: Transcript: Date of first known postsecondary attendance

Description: Indicates the date of the student's first known postsecondary attendance.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	99.98	Positive values, see statistics below

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.02	{Missing}

Minimum	Maximum	Average	Standard Deviation
2001.00	2012.00	2004.52	1.73

Weight used in frequency: (WTN000)

Notes: Date values are presented in a YYYYMM format and only include enrollment prior to July 2013.

For the purpose of disclosure avoidance, dates for this variable are reported as year-only and have been bottom-coded at 2001 and top-coded at 2012 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZPS2ASSOC

Label: Transcript: Elapsed time from known entry to associate's degree

Description: Indicates the total number of months from the start of known postsecondary education to their first known associate's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	14.24	Positive values, see statistics below
-3	85.19	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.57	{Missing}

Minimum	Maximum	Average	Standard Deviation
15.00	108.00	51.58	25.17

Weight used in frequency: (WTN000)

Notes: See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received an associate's degree.

Name: F3TZPS2AWD1

Label: Transcript: Elapsed time from known entry to first award

Description: Indicates the total number of months from the start of known postsecondary education to their first known degree or certificate.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	56.06	Positive values, see statistics below
-3	42.73	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}

-8	0.00	{Survey component legitimate skip/NA}
-9	1.21	{Missing}

Minimum	Maximum	Average	Standard Deviation
6.00	102.00	50.95	21.05

Weight used in frequency: (WTN000)

Notes: See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZPS2BA

Label: Transcript: Elapsed time from known entry to bachelor's degree

Description: Indicates the total number of months from the start of known postsecondary education to their first known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	39.67	Positive values, see statistics below
-3	59.57	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.75	{Missing}

Minimum	Maximum	Average	Standard Deviation
36.00	114.00	57.86	16.81

Weight used in frequency: (WTN000)

Notes: See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received a bachelor's degree.

Name: F3TZREMENGPS

Label: Transcript: Remedial English courses: known number passed

Description: Indicates the total number of known remedial English courses that the student passed for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	86.81	Zero
1	9.57	1
2	2.22	2

3	0.76	3 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZREMENTOT

Label: Transcript: Remedial English courses: known number taken

Description: Indicates the total number of known remedial English courses that the student took for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	83.87	Zero
1	10.39	1
2	3.25	2
3	1.86	3 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 3 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZREMMTHPS

Label: Transcript: Remedial mathematics courses: known number passed

Description: Indicates the total number of known remedial mathematics courses that the student passed for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	71.59	Zero
1	16.99	1
2	7.17	2
3	2.45	3
4	0.80	4
5	0.36	5 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 5 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZREMMTTOT

Label: Transcript: Remedial mathematics courses: known number taken

Description: Indicates the total number of known remedial mathematics courses that the student took for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	64.42	Zero
1	17.22	1
2	9.19	2
3	4.24	3
4	2.20	4
5	2.09	5 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 5 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZREMPASS

Label: Transcript: Remedial courses: known number passed

Description: Indicates the total number of known remedial courses that the student passed for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	62.24	Zero
1	17.47	1
2	9.40	2
3	4.38	3
4	2.83	4
5	1.23	5
6	0.90	6
7	0.43	7
8	0.48	8 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9	0.64	{Missing}
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Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 8 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZREMTOT

Label: Transcript: Remedial courses: known number taken

Description: Indicates the total number of known remedial courses that the student took for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	55.64	Zero
1	16.45	1
2	10.12	2
3	6.25	3
4	3.73	4
5	2.43	5
6	1.53	6
7	1.07	7
8	2.13	8 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable was top-coded at 8 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZSCENCRED

Label: Transcript: Ever earned a postsecondary credential in a science & engineering field as of June 2013

Description: Indicates if the student has ever earned a postsecondary credential in a science and engineering major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	39.95	No PS cred in a sci & engineering field
1	14.10	Undergraduate cred in a sci & engineering field
2	1.36	UG and graduate cred or graduate only cred in a sci & engineering field
-3	42.73	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.85	{Missing}

Weight used in frequency: (WTN000)

Notes: The fields of study identified as science and engineering for this variable were adapted from the 2010 Classification of Instructional Programs (CIP). The 2010 CIP was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file.

Applies to: Postsecondary transcript respondents who have undergraduate classes in science and engineering.

Name: F3TZSCENGPA

Label: Transcript: Science and engineering courses: known GPA

Description: Indicates the known grade-point average (GPA) for all science and engineering courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	83.94	Positive values, see statistics below
0	4.33	Zero
-3	10.99	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.75	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.60	0.84

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in science and engineering courses.

Name: F3TZSCENRCRED

Label: Transcript: Ever earned a postsecondary credential in a science & engineering-related field as of June 2013

Description: Indicates if the student has ever earned a postsecondary credential in a science and engineering major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	43.32	No PS cred in a sci & engineering-related field
1	10.03	Undergraduate cred in a sci & engineering-related field
2	1.93	UG and graduate cred or graduate only cred in a sci & engineering-related field
-3	42.73	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.98	{Missing}

Weight used in frequency: (WTN000)

Notes: The fields of study identified as science and engineering for this variable were adapted from the 2010 Classification of Instructional Programs (CIP). The 2010 CIP was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file.

Applies to: Postsecondary transcript respondents who received a certificate or degree.

Name: F3TZSCENRGPA

Label: Transcript: Science and engineering-related courses: known GPA

Description: Indicates the known grade-point average (GPA) for all science and engineering-related courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	46.47	Positive values, see statistics below
0	1.57	Zero
-3	51.04	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.91	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	3.10	0.79

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in science and engineering related courses.

Name: F3TZSCENRTOT

Label: Transcript: Science and engineering-related courses: known number taken

Description: Indicates the total number of known science and engineering-related courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	51.74	Positive values, see statistics below
0	47.62	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation

1.00	36.00	5.06	6.62
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Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZSCENTOT

Label: Transcript: Science and engineering courses: known number taken

Description: Indicates the total number of known science and engineering courses that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	91.75	Positive values, see statistics below
0	7.61	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	60.00	14.13	11.39

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZSCHCOMBO

Label: Transcript: Known institution combination

Description: Indicates the postsecondary institution level change from first known postsecondary institution to second known postsecondary institution.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	41.00	4-year only
2	28.01	2-year only
3	1.74	Less-than-2-year only
4	0.47	Less-than-2-year, then 2-year or 4-year
6	12.41	2-year, then 4-year
7	1.72	2-year, then Less-than-2-year
8	0.85	4-year, then Less-than-2-year
9	11.73	4-year, then 2-year
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9

2.05

{Missing}

Weight used in frequency: (WTN000)

Notes: This variable uses F3TSSCHLORDR to identify the first and second known postsecondary institutions attended. See F3TSSCHLORDR for further information. For disclosure avoidance purposes, "Less-than-2-year, then 2-year" and "Less-than-2-year, then 4-year" recoded as "Less-than-2-year, then 2-year or 4-year" on the public use file. May be set to missing (-9) based on values of F3TZPS1SEC and F3TZDEG1SEC.

Applies to: All postsecondary transcript respondents.

Name: F3TZSCHTOTAL

Label: Transcript: Total known institutions attended

Description: Indicates the total number of known postsecondary institutions that the student attended for their postsecondary education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
1	41.42	1
2	33.65	2
3	16.12	3
4	6.12	4
5	1.79	5
6	0.62	6
7	0.28	7 or more
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTN000)

Notes: For a small number of cases, one or more unknown/uncodable postsecondary institutions reported by sample members were found to be non-postsecondary institutions. Such postsecondary institutions did not factor into the construction of this variable. It should be noted that, for a small number of cases, sample members reported attendance in prior round interviews at one or more unknown/uncodable institutions that were subsequently determined to be non-postsecondary institutions. As a result, this variable may not be consistent with prior round composite variables that indicate postsecondary attendance (e.g., F3EVRATT).

For the purpose of disclosure avoidance, this variable was top-coded at 7 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZSTATERN

Label: Transcript: Statistics courses in all departments: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in statistics courses in all departments in their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	33.68	Positive values, see statistics below
0	65.53	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.79	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	15.00	4.21	2.24

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZSTATGPA

Label: Transcript: Statistics courses in all departments: known GPA

Description: Indicates the known grade-point average (GPA) for all statistics courses taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	32.82	Positive values, see statistics below
0	1.03	Zero
-3	65.41	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.74	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.50	4.00	2.86	0.92

Weight used in frequency: (WTN000)

Notes: GPA is defined as (earned credit * grade / attempted credit).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in statistics courses.

Name: F3TZSTEM1CRED

Label: Transcript: Ever earned a postsecondary credential in a STEM field as of June 2013 (SMART grant definition)

Description: Indicates if the student has ever earned a postsecondary credential in a STEM major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	46.43	No PS cred in a STEM field
1	8.11	Undergraduate cred in a STEM field
2	0.68	UG and graduate cred or graduate only cred in a STEM field
-3	42.73	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

Weight used in frequency: (WTN000)

Notes: The fields of study identified as STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). The 2010 Classification of Instructional Programs (CIP) was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file.

Applies to: Postsecondary transcript respondents who have earned a STEM degree or certificate.

Name: F3TZSTEM1GPA

Label: Transcript: GPA for all known STEM courses (using SMART Grant definition of STEM)

Description: Indicates the known grade-point average (GPA) for all STEM courses (using the SMART Grant definition of STEM) taken by the student for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	80.23	Positive values, see statistics below
0	4.74	Zero
-3	14.28	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.75	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.59	0.86

Weight used in frequency: (WTN000)

Notes: The course codes identified as STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in STEM courses.

Name: F3TZSTEM1TOT

Label: Transcript: Number of known STEM courses taken (using SMART Grant definition of STEM)

Description: Indicates the total number of known STEM courses (using the SMART Grant definition of STEM) that the student took for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	89.84	Positive values, see statistics below
0	9.52	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}

-9	0.64	{Missing}
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Minimum	Maximum	Average	Standard Deviation
1.00	56.00	9.33	9.95

Weight used in frequency: (WTN000)

Notes: The course codes identified as STEM for this variable were adapted from the National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) Program, 34 C.F.R. 691.17(d). The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZSTEM2CRED

Label: Transcript: Ever earned a postsecondary credential in a STEM field as of June 2013 (NSF grant definition)

Description: Indicates if the student has ever earned a postsecondary credential in a STEM major/field of study for their undergraduate education as of June 2013.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label
0	29.53	No PS cred in a STEM field
1	22.75	Undergraduate cred in a STEM field
2	3.29	UG and graduate cred or graduate only cred in a STEM field
-3	42.73	{legitimate skip (no PS cred)}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	1.69	{Missing}

Weight used in frequency: (WTN000)

Notes: The fields of study identified as STEM for this variable were adapted from the National Science Foundation's articulation of science, engineering, and science-and-engineering-related fields of study. The 2010 Classification of Instructional Programs (CIP) was used to code these data. See <http://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

For the purpose of disclosure avoidance, "Graduate cred in a STEM field" and "UG and graduate cred in a STEM field" recoded as "UG and graduate cred or graduate only cred in a STEM field" on the public use file.

Applies to: Postsecondary transcript respondents who have earned a STEM degree or certificate.

Name: F3TZSTEM2GPA

Label: Transcript: GPA for all known STEM courses (using NSF definition of science, engineering, and related fields)

Description: Indicates the known grade-point average (GPA) for all STEM courses (using the NSF definition of science, engineering, and related fields) taken by the student for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	86.65	Positive values, see statistics below
0	4.05	Zero
-3	8.52	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.77	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.65	0.83

Weight used in frequency: (WTN000)

Notes: The course codes identified as STEM for this variable were adapted from the National Science Foundation's articulation of science, engineering, and science-and-engineering-related fields of study. The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who have undergraduate classes with normalized grades and attempted credit in STEM courses.

Name: F3TZSTEM2TOT

Label: Transcript: Number of known STEM courses taken (using NSF definition of science, engineering, and related fields)

Description: Indicates the total number of known STEM courses (using the NSF definition of science, engineering, and related fields) that the student took for their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	94.12	Positive values, see statistics below
0	5.24	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.64	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	72.00	16.58	13.27

Weight used in frequency: (WTN000)

Notes: The course codes identified as STEM for this variable were adapted from the National Science Foundation's articulation of science, engineering, and science-and-engineering-related fields of study. The 2010 College Course Map (CCM) was used to code these data. See <http://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZSTOPGT4M

Label: Transcript: Count of known stopouts longer than 4 months

Description: Indicates the number of stopouts in undergraduate enrollment with a duration of more than 4 months, based on term dates.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Value label

0	54.38	0 stopouts
1	20.60	1 stopout
2	7.61	2 stopouts
3	2.79	3 stopouts
4	0.61	4 or more stopouts
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	14.01	{Missing}

Weight used in frequency: (WTN000)

Notes: A stopout is defined as a student's gap in enrollment (i.e., a period of non-enrollment following a period of enrollment and preceding another period of enrollment).

For the purpose of disclosure avoidance, this variable was top-coded at 4 on the public-use file.

Applies to: All postsecondary transcript respondents.

Name: F3TZTMAS2BCH

Label: Transcript: Elapsed time from known associate's to known bachelor's degree

Description: Indicates the total number of months from the date of their first known associate's degree to the date of their first known bachelor's degree.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	4.43	Positive values, see statistics below
-3	95.17	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	0.41	{Missing}

Minimum	Maximum	Average	Standard Deviation
12.00	60.00	33.25	13.92

Weight used in frequency: (WTN000)

Notes: For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who received an associate's degree and a bachelor's degree.

Name: F3TZTTLSTOP

Label: Transcript: Total known elapsed stopout time

Description: Indicates the total time, in months, that the student had at least 1 stopout period of greater than 4 months during their undergraduate enrollment.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	31.61	Positive values, see statistics below
-3	54.38	{Item legitimate skip/NA}

-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	14.01	{Missing}

Minimum	Maximum	Average	Standard Deviation
5.00	84.00	29.24	21.00

Weight used in frequency: (WTN000)

Notes: A stopout is defined as a student's gap in enrollment (i.e., a period of non-enrollment following a period of enrollment and preceding another period of enrollment).

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who had at least 1 stopout period of greater than 4 months during their undergraduate education.

Name: F3TZYR1ERN

Label: Transcript: First year known enrollment: credits earned

Description: Indicates the total number of known normalized credits that the student earned in the first year of their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	86.67	Positive values, see statistics below
0	8.89	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.45	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	66.00	21.58	12.27

Weight used in frequency: (WTN000)

Notes: The time period was defined as the 12 months following their entry into postsecondary education. See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education. For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZYR1GPA

Label: Transcript: GPA in first year of known attendance

Description: Indicates the known grade-point average (GPA) for all courses taken by the student in the first year of their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	85.19	Positive values, see statistics below
0	3.81	Zero

-3	3.58	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	7.43	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.73	0.86

Weight used in frequency: (WTN000)

Notes: The first year is defined as the 12 months following their first entry into postsecondary education. GPA is defined as (earned credit * grade / attempted credit). See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who were enrolled in their first year of undergraduate education and earned normalized credits.

Name: F3TZYR2ERN

Label: Transcript: Second year enrollment: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in the second year of their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label
Continuous	70.00	Positive values, see statistics below
0	25.55	Zero
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	4.45	{Missing}

Minimum	Maximum	Average	Standard Deviation
1.00	60.00	23.28	11.35

Weight used in frequency: (WTN000)

Notes: The time period was defined as the 13-24 months following their entry into postsecondary education. See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: All postsecondary transcript respondents.

Name: F3TZYR2GPA

Label: Transcript: GPA in known second year of attendance

Description: Indicates the known grade-point average (GPA) for all courses taken by the student in the second year of their undergraduate education.

Source: ELS:2002 Postsecondary Education Transcripts

Descriptive Statistics:

Value	Percentage	Label

Continuous	69.43	Positive values, see statistics below
0	2.57	Zero
-3	2.16	{Item legitimate skip/NA}
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	25.84	{Missing}

Minimum	Maximum	Average	Standard Deviation
0.25	4.00	2.78	0.84

Weight used in frequency: (WTN000)

Notes: The second year is defined as months 13-24 following their first entry into postsecondary education. GPA is defined as (earned credit * grade / attempted credit). See F3TZPS1START for more information regarding the calculation of the start of known postsecondary education.

For the purpose of disclosure avoidance, this variable has been coarsened on the public-use file such that each nonmissing value has a frequency of 30 or more.

Applies to: Postsecondary transcript respondents who were enrolled in their second year of undergraduate education and earned normalized credits.

Name: F3VOTEBC

Label: Summary of recent voting behavior

Description: This variable summarizes the respondent's recent voting behavior by indicating whether they (1) voted in both the 2008 presidential election AND in a 2009, 2010, or 2011 non-presidential election; (2) voted in either the 2008 presidential election OR in a 2009, 2010, or 2011 non-presidential election; or (3) voted in neither the 2008 presidential election NOR in a 2009, 2010, 2011 non-presidential election.

Source: ELS:2002 Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
1	30.57	Voted in both the 2008 pres. election AND in a 2009/10/11 non-pres. Election
2	26.58	Voted in either the 2008 pres. election OR in a 2009/10/11 non-pres. Election
3	0.25	Evidence of voting, but unable to distinguish between category 1 and 2
4	31.44	Voted in neither the 2008 pres. election NOR in a 2009/10/11 non-pres. Election
-4	0.00	{Nonrespondent}
-8	0.00	{Survey component legitimate skip/NA}
-9	11.16	{Missing}

Weight used in frequency: (WTH000)

Applies to: All ELS:2002 Third follow-up respondents.

Name: F3WYGED1

Label: Completed GED to improve/advance at current job (update of F2WYGED1)

Description: Indicates if the F3 sample member ever completed a GED to improve/advance at current job.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
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0	2.68	No
1	2.30	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.74	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED1 updates F2WYGED1 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED1 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED1 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Note: While F3EVRGED draws on non-survey data (i.e., high school transcripts and the GED Testing Program), F3WYGED1 is built exclusively from survey data; it is possible, therefore, for some sample members to have F3EVRGED=1 and F3WYGED1=-3 (legitimate skip), e.g., if high school transcript indicated receipt of a GED, but the respondent indicated receipt of a diploma.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3WYGED2

Label: Completed GED to train for new job/career (update of F2WYGED2)

Description: Indicates if the F3 sample member ever completed a GED to train for new job/career.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	2.33	No
1	2.70	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.69	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED2 updates F2WYGED2 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED2 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED2 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Note: While F3EVRGED draws on non-survey data (i.e., high school transcripts and the GED Testing Program), F3WYGED2 is built exclusively from survey data; it is possible, therefore, for some sample members to have F3EVRGED=1 and F3WYGED2=-3 (legitimate skip), e.g., if high school transcript indicated receipt of a GED, but the respondent indicated receipt of a diploma.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3WYGED3

Label: Completed GED to improve basic skills (update of F2WYGED3)

Description: Indicates if the F3 sample member ever completed a GED to improve basic skills.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	3.11	No
1	1.84	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.77	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED3 updates F2WYGED3 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED3 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED3 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3WYGED4

Label: Completed GED to met reqmnts for additional study (update of F2WYGED4)

Description: Indicates if the F3 sample member ever completed a GED to meet requirements for additional study.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	1.81	No
1	3.28	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.63	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED4 updates F2WYGED4 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED4 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED4 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3WYGED5

Label: Completed GED b/c req/encouraged by employer (update of F2WYGED5)

Description: Indicates if the F3 sample member ever completed a GED because they were required/encouraged by employer.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	3.74	No
1	1.20	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.77	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED5 updates F2WYGED5 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED5 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED5 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

Name: F3WYGED6

Label: Completed GED for personal/family/social reasons (update of F2WYGED6)

Description: Indicates if the F3 sample member ever completed a GED for personal, family, or social reasons.

Source: ELS:2002 First follow-up Early Graduate questionnaire; First follow-up Dropout questionnaire; Second follow-up questionnaire; Third follow-up questionnaire.

Descriptive Statistics:

Value	Percentage	Value label
0	1.14	No

1	3.95	Yes
-3	94.28	{Item legitimate skip/NA}
-9	0.62	{Missing}

Weight used in frequency: (WTH000)

Notes: F3WYGED6 updates F2WYGED6 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED6 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED6 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

Applies to: All GED recipients, as indicated by F3HSSTAT (as opposed to as indicated by F3EVRGED).

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