F3 Student-Institution File
(attended as of F3)

Variable name: STU_ID

Record #1, Position:1 - 6, Format: N6.

Variable label: Student ID

Variable description:

 - ID of the student linked to the institution.

Code	Value Label	Frequency	Percentage
C	101101-461234	20951	100.00
TOTALS		20951	100.00

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Variable name: F3IIPED

Record #1, Position:7 - 12, Format: N6.

Variable label: IPEDS code of attended postsecondary institution

Variable description:

 - Postsecondary institution code, based on the the Integrated Postsecondary Education Data System (IPEDS); IPEDS codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities.

NOTE: A given respondent may have multiple records on the third follow-up student-institution file with F3IIPED values of 999995, 999996, 999997, and/or 999998; all other F3IIPED values will be associated with a given respondent no more than once (in other words, records in the third follow-up student-institution file will be unique based on pairings of stud_id and F3IIPED, with a handful of exceptions where F3IIPED = 999995, 999996, 999997, or 999998).

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	100636-461175	19887	94.92
999996	Foreign institution	213	1.02
999997	Unknown school	213	1.02
999998	Uncodable	638	3.04
TOTALS		20951	100.00

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Variable name: F3ISTATE

Record #1, Position:13 - 14, Format: N2.

Variable label: State of attended postsecondary institution

Variable description:

 - State in which the postsecondary institution is located, as indicated by the Integrated Postsecondary Education Data System (IPEDS). For institutions with no IPEDS code (F3IIPEDS=-9), state (if available) was provided by the respondent.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
1	Alabama	463	2.21
2	Alaska	13	0.06
4	Arizona	464	2.21
5	Arkansas	163	0.78
6	California	2482	11.85
8	Colorado	270	1.29
9	Connecticut	199	0.95
10	Delaware	58	0.28
11	District of Columbia	120	0.57
12	Florida	980	4.68
13	Georgia	766	3.66
15	Hawaii	130	0.62
16	Idaho	56	0.27
17	Illinois	1072	5.12
18	Indiana	446	2.13
19	Iowa	215	1.03
20	Kansas	249	1.19
21	Kentucky	276	1.32
22	Louisiana	463	2.21
23	Maine	82	0.39
24	Maryland	337	1.61
25	Massachusetts	417	1.99
26	Michigan	692	3.30
27	Minnesota	472	2.25
28	Mississippi	376	1.79
29	Missouri	409	1.95
30	Montana	71	0.34
31	Nebraska	85	0.41
32	Nevada	54	0.26
33	New Hampshire	37	0.18
34	New Jersey	501	2.39
35	New Mexico	92	0.44

36	New York	1332	6.36
37	North Carolina	654	3.12
38	North Dakota	25	0.12
39	Ohio	939	4.48
40	Oklahoma	196	0.94
41	Oregon	186	0.89
42	Pennsylvania	842	4.02
44	Rhode Island	70	0.33
45	South Carolina	317	1.51
46	South Dakota	64	0.31
47	Tennessee	365	1.74
48	Texas	1223	5.84
49	Utah	180	0.86
50	Vermont	40	0.19
51	Virginia	504	2.41
53	Washington	365	1.74
54	West Virginia	114	0.54
55	Wisconsin	434	2.07
56	Wyoming	29	0.14
66	Guam	1	0.00
72	Puerto Rico	4	0.02
78	Virgin Islands of the U.S.	2	0.01
96	Foreign country	62	0.30
-9	Missing	493	2.35
TOTALS		20951	100.00

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Variable name: F3ILEVEL

Record #1, Position:15 - 16, Format: N2.

Variable label: Level of attended postsecondary institution

Variable description:

 - Institutional level, as indicated by the Integrated Postsecondary Education Data System (IPEDS). For institutions with no IPEDS code (F3IIPEDS=-9), level (if available) was provided by the respondent.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Code	Value Label	Frequency	Percentage
1	4-year college or university	12587	60.08
2	2-year college	7036	33.58
3	Less than 2 years	1081	5.16
-9	Missing	247	1.18
TOTALS		20951	100.00

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Variable name: F3ICNTRL

Record #1, Position:17 - 18, Format: N2.

Variable label: Control of attended postsecondary institution

Variable description:

 - Institutional control, as indicated by the Integrated Postsecondary Education Data System (IPEDS). For institutions with no IPEDS code (F3IIPEDS=-9), control (if available) was provided by the respondent.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Code	Value Label	Frequency	Percentage
1	Public	14603	69.70
2	Private not-for-profit	3970	18.95
3	Private for-profit	2093	9.99
-9	Missing	285	1.36
TOTALS		20951	100.00

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Variable name: F3ISECTR

Record #1, Position:19 - 20, Format: N2.

Variable label: Sector of attended postsecondary institution

Variable description:

 - Institutional sector, as indicated by the Integrated Postsecondary Education Data System (IPEDS). For institutions with no IPEDS code (F3IIPEDS=-9), sector (if available) was provided by the respondent.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Code	Value Label	Frequency	Percentage
1	Public, 4-year or above	7851	37.47
2	Private not-for-profit, 4-year or above	3760	17.95
3	Private for-profit, 4-year or above	964	4.60
4	Public, 2-year	6389	30.49
5	Private not-for-profit, 2-year	79	0.38
6	Private for-profit, 2-year	564	2.69
7	Public, less than 2-year	345	1.65
8	Private not-for-profit, less than 2-year	118	0.56
9	Private for-profit, less than 2-year	550	2.63
-9	Missing	331	1.58
TOTALS		20951	100.00

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Variable name: F3ISELC

Record #1, Position:21 - 22, Format: N2.

Variable label: Selectivity of attended postsecondary institution

Variable description:

 - Measure of the associated institution's admissions selectivity based on 2010 Carnegie classifications. Institutions identified as 4-year schools via IPEDS data are further classified as highly selective, moderately selective, or inclusive according to the Carnegie selectivity measure; institutions identified as 4-year schools via IPEDS data with unknown Carnegie selectivity are coded in F3ISELC as "selectivity not classified, 4-year institution". Institutions identified as 2-year or less-than-2-year via IPEDS data are coded as such in F3ISELC. 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 student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
1	Highly selective, 4-yr institution	3627	17.31
2	Moderately selective, 4-yr inst	4955	23.65
3	Inclusive, 4-yr institution	1826	8.72
4	Selectivity not classified, 4yr inst	2179	10.40
5	Selectivity not classified, 2yr inst	7036	33.58
6	Selectivity not classified,less than 2yr	1081	5.16
-9	Missing	247	1.18
TOTALS		20951	100.00

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Variable name: F3IOPNAP

Record #1, Position:23 - 24, Format: N2.

Variable label: Attended institution has an open admission policy

Variable description:

 - F3IOPNAP indicates whether the associated institution has an open admission policy for all or most entering first-time undergraduate-level students. Based on the Integrated Postsecondary Education Data System (IPEDS) variable "OPENADMP"; values of "not applicable" in the original IPEDS variable have been set to missing (-9) in F3IOPNAP.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
0	No, institution does not have an open admission policy	10845	51.76
1	Yes, institution has an open admission policy	8532	40.72
-9	Missing	1574	7.51
TOTALS		20951	100.00

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Variable name: F3ISATV25

Record #1, Position:25 - 27, Format: N3.

Variable label: SAT verbal 25th percentile score (from SATVR25 in IPEDS)

Variable description:

 - SAT Verbal 25th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	200-700,492.1553/67.2569	9300	44.39
-9	Missing	11651	55.61
TOTALS		20951	100.00

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Variable name: F3ISATV75

Record #1, Position:28 - 30, Format: N3.

Variable label: SAT verbal 75th percentile score (from SATVR75 in IPEDS)

Variable description:

 - SAT Verbal 75th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	370-800,601.4346/66.7776	9300	44.39
-9	Missing	11651	55.61
TOTALS		20951	100.00

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Variable name: F3ISATM25

Record #1, Position:31 - 33, Format: N3.

Variable label: SAT math 25th percentile score (from SATMT25 in IPEDS)

Variable description:

 - SAT Math 25th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	254-760,508.4467/74.6943	9365	44.70
-9	Missing	11586	55.30
TOTALS		20951	100.00

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Variable name: F3ISATM75

Record #1, Position:34 - 36, Format: N3.

Variable label: SAT math 75th percentile score (from SATMT75 in IPEDS)

Variable description:

 - SAT Math 75th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	400-800,616.6483/72.3671	9365	44.70
-9	Missing	11586	55.30
TOTALS		20951	100.00

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Variable name: F3IACTE25

Record #1, Position:37 - 38, Format: N2.

Variable label: ACT English 25th percentile score (from ACTEN25 in IPEDS)

Variable description:

 - ACT English 25th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	2-33,20.6786/3.9037	8472	40.44
-9	Missing	12479	59.56
TOTALS		20951	100.00

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Variable name: F3IACTE75

Record #1, Position:39 - 40, Format: N2.

Variable label: ACT English 75th percentile score (from ACTEN75 in IPEDS)

Variable description:

 - ACT English 75th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	10-35,26.8031/3.8542	8472	40.44
-9	Missing	12479	59.56
TOTALS		20951	100.00

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Variable name: F3IACTM25

Record #1, Position:41 - 42, Format: N2.

Variable label: ACT math 25th percentile score (from ACTMT25 in IPEDS)

Variable description:

 - ACT Math 25th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	2-34,20.66/3.7132	8473	40.44
-9	Missing	12478	59.56
TOTALS		20951	100.00

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Variable name: F3IACTM75

Record #1, Position:43 - 44, Format: N2.

Variable label: ACT math 75th percentile score (from ACTMT75 in IPEDS)

Variable description:

 - ACT Math 75th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	10-36,26.3181/3.6098	8473	40.44
-9	Missing	12478	59.56
TOTALS		20951	100.00

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Variable name: F3IACTC25

Record #1, Position:45 - 46, Format: N2.

Variable label: ACT composite 25th percentile score (from ACTCM25 in IPEDS)

Variable description:

 - ACT Composite 25th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	2-33,21.4529/3.5968	9513	45.41
-9	Missing	11438	54.59
TOTALS		20951	100.00

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Variable name: F3IACTC75

Record #1, Position:47 - 48, Format: N2.

Variable label: ACT composite 75th percentile score (from ACTCM75 in IPEDS)

Variable description:

 - ACT Composite 75th percentile score of the institution's first-time, degree/certificate-seeking undergraduate students, as indicated by the Integrated Postsecondary Data System (IPEDS). Scores were reported by institutions which required them for admission, and had 60 percent or more of their first-time, degree/certificate-seeking undergraduate students submit said test score.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
C	10-35,26.3497/3.3814	9513	45.41
-9	Missing	11438	54.59
TOTALS		20951	100.00

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Variable name: F3IHBCU

Record #1, Position:49 - 50, Format: N2.

Variable label: Attended institution is an HBCU

Variable description:

 - F3IHBCU indicates whether the associated instition is flagged as a Historically Black College or University by the Integrated Postsecondary Education Data System (IPEDS).

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire; Integrated Postsecondary Education Data System (IPEDS).

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
0	No	19513	93.14
1	Yes	371	1.77
-9	Missing	1067	5.09
TOTALS		20951	100.00

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Variable name: F3ISTDATE

Record #1, Position:51 - 56, Format: N6.

Variable label: Year/month R first attended postsecondary institution

Variable description:

 - F3ISTDATE indicates the year and month the respondent began attending the associated postsecondary institution.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire.

Comment: For the purpose of disclosure avoidance, dates for this variable are reported as year-only and top-coded at 2012 on the public-use file.

Code	Value Label	Frequency	Percentage
C	200300-201301	19913	95.05
-9	Missing	1038	4.95
TOTALS		20951	100.00

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Variable name: F3IFIRSTINST

Record #1, Position:57 - 58, Format: N2.

Variable label: Institution is R's first-attended postsecondary institution

Variable description:

 - F3IFIRSTINST indicates whether the associated postsecondary institution is the respondent's first-attended institution. If the respondent has a "first-attended institution" identified as of the second follow-up data, then that institution is identified as such in the third follow-up student-institution file (see F2PS1 for further detail on how first-attended institutions was identified in the second follow-up); if the respondent does not have a "first-attended institution" identified as of the second follow-up, then the institution with the earliest F3ISTDATE value associated with that student is flagged as their first-attended institution.

Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.

Source: ELS:2002 Third follow-up questionnaire; Second follow-up questionnaire.

Code	Value Label	Frequency	Percentage
0	No	9249	44.15
1	Yes	11357	54.21
-9	Missing	345	1.65
TOTALS		20951	100.00

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Variable name: F3ILASTINST
Record #1, Position:59 - 60, Format: N2.
Variable label: Institution is R's last/currently attended postsecondary institution
Variable description:
 - F3ILASTINST indicates whether the associated postsecondary institution is the respondent's last/currently-attended institution, as indicated by the respondent in the third follow-up questionnaire. The student-level composite variable F3EDSTAT can be used to distinguish whether F3ILASTINST identifies a last-attended or a currently-attended institution, i.e., F3ILASTINST identifies a currently-attended institution for respondents where F3EDSTAT = 1, 2, 3, or 4; conversely, F3ILASTINST identifies a last-attended institution for respondents where F3EDSTAT=5.
Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.
Source: ELS:2002 Third follow-up questionnaire.

Code	Value Label	Frequency	Percentage
0	No	9398	44.86
1	Yes	11462	54.71
-9	Missing	91	0.43
TOTALS		20951	100.00

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Variable name: F3ICREDNUM
Record #1, Position:61 - 62, Format: N2.
Variable label: Number of credentials earned at postsecondary institution
Variable description:
 - F3ICREDNUM indicates the number of credentials the respondent earned from the associated postsecondary institution. If the respondent earned one or more credentials from the associated postsecondary institution, information regarding the first/only credential earned from that institution will be stored in variables named F3ICREDxxxxx_1; if the respondent earned two credentials from the associated postsecondary institution, information regarding the second credential earned from that institution will be stored in variables named F3ICREDxxxxx_2.
Applies to: All student-institution pairings on the ELS:2002 third follow-up student-institution file.
Source: ELS:2002 Third follow-up questionnaire.

Code	Value Label	Frequency	Percentage
0	0	12698	60.61
1	1	7666	36.59
2	2 or more	458	2.19
-9	Missing	129	0.62
TOTALS		20951	100.00

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Variable name: F3ICREDTYPE_1
Record #1, Position:63 - 64, Format: N2.
Variable label: Credential #1 (highest/only cred from this inst): credential type
Variable description:
 - If the respondent has earned one or more credentials from the associated institution, F3ICREDTYPE_1 indicates the credential type for the respondent's highest/only credential earned from the associated postsecondary institution. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").
Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1.
Source: ELS:2002 Third follow-up questionnaire.
Comment: For the purpose of disclosure avoidance: "Post-Master's certificate" recoded as "Master's degree", combined "Doctoral degree - professional practice", "Doctoral degree - research/scholarship" and "Doctoral degree - other" on the public-use file.

Code	Value Label	Frequency	Percentage
1	Undergraduate certificate or diploma	1396	6.66
2	Associate's Degree	1246	5.95
3	Bachelor's Degree	4214	20.11
4	Post-baccalaureate certificate	109	0.52
5	Master's Degree	785	3.75
6	Post-Master's certificate	27	0.13
7	Doctoral Degree - research/scholarship	6	0.03
8	Doctoral Degree - professional practice	256	1.22
9	Doctoral Degree - other	9	0.04
-3	Item legitimate skip/NA	12698	60.61
-9	Missing	205	0.98
TOTALS		20951	100.00

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Variable name: F3ICREDDATE_1

Record #1, Position:65 - 70, Format: N6.

Variable label: Credential #1 (highest/only cred from this inst): year/month earned

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDDATE_1 indicates the year and month the respondent earned their highest/only credential from the associated postsecondary institution. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: For the purpose of disclosure avoidance, dates for this variable are reported as year-only, bottom-coded at 2004 and top-coded at 2012 on the public-use file.

Code	Value Label	Frequency	Percentage
C	200305-201301	8040	38.38
-3	Item legitimate skip/NA	12698	60.61
-9	Missing	213	1.02
TOTALS		20951	100.00

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Variable name: F3ICREDFIELD_1

Record #1, Position:71 - 120, Format: A50

Variable label: Credential #1 (highest/only cred from this inst): field-of-study (verbatim)

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDFIELD_1 indicates the primary field-of-study for the respondent's highest/only credential earned from the associated postsecondary institution. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
Alpha	Alpha	8051	38.43
-3	Item legitimate skip/NA	12698	60.61
-9	Missing	202	0.96
TOTALS		20951	100.00

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Variable name: F3ICREDGEN_1

Record #1, Position:121 - 122, Format: A2

Variable label: Credential #1 (highest/only cred from this inst): field-of-study 2-digit code

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDGEN_1 indicates the two-digit CIP code (Classification of Instructional Programs code) for the primary field-of-study associated with the respondent's highest/only credential earned from the associated postsecondary institution. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: 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.

Code	Value Label	Frequency	Percentage
01	Agriculture, Agriculture Operations, and Related Sciences	61	0.29
03	Natural Resources and Conservation	38	0.18
04	Architecture and Related Services	48	0.23
05	Area, Ethnic, Cultural, and Gender Studies	27	0.13
09	Communication, Journalism, and Related Programs	285	1.36
10	Communications Technologies/Technicians and Support Services	48	0.23
11	Computer and Information Sciences and Support Services	181	0.86
12	Personal and Culinary Services	239	1.14
13	Education	616	2.94
14	Engineering	291	1.39
15	Engineering Technologies/Technicians	81	0.39
16	Foreign Languages, Literatures, and Linguistics	49	0.23
19	Family and Consumer Sciences/Human Sciences	63	0.30
22	Legal Professions and Studies	158	0.75
23	English Language and Literature/Letters	135	0.64
24	Liberal Arts and Sciences, General Studies and Humanities	266	1.27
25	Library Science	8	0.04
26	Biological and Biomedical Sciences	297	1.42
27	Mathematics and Statistics	62	0.30
29	Military Technologies	9	0.04

30	Multi/Interdisciplinary Studies	68	0.32
31	Parks, Recreation, Leisure, and Fitness Studies	108	0.52
38	Philosophy and Religious Studies	38	0.18
39	Theology and Religious Vocations	41	0.20
40	Physical Sciences	89	0.42
41	Science Technologies/Technicians	16	0.08
42	Psychology	329	1.57
43	Security and Protective Services	195	0.93
44	Public Administration and Social Service Professions	127	0.61
45	Social Sciences	421	2.01
46	Construction Trades	59	0.28
47	Mechanic and Repair Technologies/Technicians	142	0.68
48	Precision Production	32	0.15
49	Transportation and Materials Moving	38	0.18
50	Visual and Performing Arts	340	1.62
51	Health Professions and Related Clinical Sciences	1523	7.27
52	Business, Management, Marketing, and Related Support Services	1345	6.42
54	History	98	0.47
60	Residency Programs	6	0.03
-3	Item legitimate skip/NA	12698	60.61
-9	Missing	276	1.32
TOTALS		20951	100.00

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Variable name: F3ICREDSPEC_1

Record #1, Position:123 - 129, Format: A7

Variable label: Credential #1 (highest/only cred from this inst): field-of-study 6-digit code

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDGEN_1 indicates the six-digit CIP code (Classification of Instructional Programs code) for the primary field-of-study associated with the respondent's highest/only credential earned from the associated postsecondary institution. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage

-3	Item legitimate skip/NA	12698	60.61
-9	Missing	298	1.42
01.0000	Agriculture, General	1	0.00
01.0101	Agricultural Business and Management, General	6	0.03
01.0102	Agribusiness/Agricultural Business Operations	9	0.04
01.0103	Agricultural Economics	5	0.02
01.0106	Agricultural Business Technology	1	0.00
01.0301	Agricultural Production Operations, General	1	0.00
01.0307	Horse Husbandry/Equine Science and Management	2	0.01
01.0308	Agroecology and Sustainable Agriculture	1	0.00
01.0607	Turf and Turfgrass Management	2	0.01
01.0699	Applied Horticulture/Horticultural Business Services, Other	1	0.00
01.0802	Agricultural Communication/Journalism	1	0.00
01.0901	Animal Sciences, General	12	0.06
01.0902	Agricultural Animal Breeding	1	0.00
01.0903	Animal Health	3	0.01
01.0904	Animal Nutrition	1	0.00
01.0999	Animal Sciences, Other	1	0.00
01.1001	Food Science	2	0.01
01.1099	Food Science and Technology, Other	1	0.00
01.1102	Agronomy and Crop Science	4	0.02
01.1103	Horticultural Science	1	0.00
01.1201	Soil Science and Agronomy, General	2	0.01
01.9999	Agriculture, Agriculture Operations, and Related Sciences, Other	3	0.01
03.0101	Natural Resources/Conservation, General	1	0.00
03.0103	Environmental Studies	15	0.07
03.0104	Environmental Science	13	0.06
03.0201	Natural Resources Management and Policy	1	0.00
03.0204	Natural Resource Economics	1	0.00
03.0299	Natural Resources Management and Policy, Other	1	0.00
03.0501	Forestry, General	2	0.01
03.0502	Forest Sciences and Biology	1	0.00
03.0509	Wood Science and Wood Products/Pulp and Paper Technology	1	0.00
03.0511	Forest Technology/Technician	1	0.00
03.0601	Wildlife, Fish and Wildlands Science and Management	1	0.00
04.0201	Architecture	24	0.11
04.0301	City/Urban, Community and Regional Planning	6	0.03
04.0401	Environmental Design/Architecture	3	0.01
04.0501	Interior Architecture	2	0.01
04.0601	Landscape Architecture	6	0.03
04.0801	Architectural History and Criticism, General	2	0.01

04.0902	Architectural and Building Sciences/Technology	4	0.02
04.0999	Architectural Sciences and Technology, Other	1	0.00
05.0102	American/United States Studies/Civilization	2	0.01
05.0104	East Asian Studies	2	0.01
05.0107	Latin American Studies	2	0.01
05.0110	Russian Studies	1	0.00
05.0123	Chinese Studies	2	0.01
05.0124	French Studies	2	0.01
05.0125	German Studies	1	0.00
05.0126	Italian Studies	1	0.00
05.0127	Japanese Studies	1	0.00
05.0128	Korean Studies	2	0.01
05.0130	Spanish and Iberian Studies	2	0.01
05.0133	Irish Studies	1	0.00
05.0134	Latin American and Caribbean Studies	1	0.00
05.0203	Hispanic-American, Puerto Rican, and Mexican-American/Chicano Studies	1	0.00
05.0207	Women's Studies	3	0.01
05.0210	Disability Studies	1	0.00
05.0211	Deaf Studies	2	0.01
09.0100	Communication, General	77	0.37
09.0101	Speech Communication and Rhetoric	5	0.02
09.0102	Mass Communication/Media Studies	18	0.09
09.0199	Communication and Media Studies, Other	30	0.14
09.0401	Journalism	40	0.19
09.0402	Broadcast Journalism	6	0.03
09.0404	Photojournalism	2	0.01
09.0499	Journalism, Other	3	0.01
09.0701	Radio and Television	7	0.03
09.0702	Digital Communication and Media/Multimedia	10	0.05
09.0799	Radio, Television, and Digital Communication, Other	4	0.02
09.0900	Public Relations, Advertising, and Applied Communication	33	0.16
09.0901	Organizational Communication, General	7	0.03
09.0902	Public Relations/Image Management	3	0.01
09.0903	Advertising	20	0.10
09.0905	Health Communication	2	0.01
09.0906	Sports Communication	2	0.01
09.0999	Public Relations, Advertising, and Applied Communication, Other	4	0.02
09.1001	Publishing	2	0.01
09.9999	Communication, Journalism, and Related Programs, Other	10	0.05
10.0105	Communications Technology/Technician	2	0.01
10.0202	Radio and Television Broadcasting Technology/Technician	3	0.01
10.0203	Recording Arts Technology/Technician	3	0.01
10.0299	Audiovisual Communications Technologies/Technicians, Other	12	0.06
10.0301	Graphic Communications, General	10	0.05
10.0303	Prepress/Desktop Publishing and Digital Imaging Design	1	0.00
10.0304	Animation, Interactive Technology, Video Graphics and Special Effects	6	0.03
10.0308	Computer Typography and Composition Equipment Operator	1	0.00
10.0399	Graphic Communications, Other	3	0.01
10.9999	Communications Technologies/Technicians and Support Services, Other	6	0.03
11.0101	Computer and Information Sciences, General	9	0.04
11.0103	Information Technology	22	0.11
11.0199	Computer and Information Sciences, Other	2	0.01
11.0201	Computer Programming/Programmer, General	1	0.00
11.0202	Computer Programming, Specific Applications	3	0.01
11.0203	Computer Programming, Vendor/Product Certification	1	0.00
11.0401	Information Science/Studies	1	0.00
11.0501	Computer Systems Analysis/Analyst	1	0.00
11.0601	Data Entry/Microcomputer Applications, General	1	0.00
11.0701	Computer Science	61	0.29
11.0801	Web Page, Digital/Multimedia and Information Resources Design	10	0.05
11.0803	Computer Graphics	2	0.01
11.0899	Computer Software and Media Applications, Other	4	0.02
11.0901	Computer Systems Networking and Telecommunications	13	0.06
11.1001	Network and System Administration/Administrator	8	0.04
11.1002	System, Networking, and LAN/WAN Management/Manager	3	0.01
11.1003	Computer and Information Systems Security/Information Assurance	9	0.04
11.1004	Web/Multimedia Management and Webmaster	1	0.00
11.1005	Information Technology Project Management	1	0.00
11.1006	Computer Support Specialist	3	0.01
11.1099	Computer/Information Technology Services Administration and Management, Other	13	0.06
11.9999	Computer and Information Sciences and Support Services, Other	9	0.04
12.0301	Funeral Service and Mortuary Science, General	3	0.01
12.0303	Mortuary Science and Embalming/Embalmer	1	0.00
12.0401	Cosmetology/Cosmetologist, General	110	0.53

Code	Program	Count	Pct
12.0402	Barbering/Barber	3	0.01
12.0406	Make-Up Artist/Specialist	3	0.01
12.0407	Hair Styling/Stylist and Hair Design	2	0.01
12.0408	Facial Treatment Specialist/Facialist	1	0.00
12.0409	Aesthetician/Esthetician and Skin Care Specialist	15	0.07
12.0410	Nail Technician/Specialist and Manicurist	6	0.03
12.0412	Salon/Beauty Salon Management/Manager	1	0.00
12.0413	Cosmetology, Barber/Styling, and Nail Instructor	10	0.05
12.0499	Cosmetology and Related Personal Grooming Arts, Other	10	0.05
12.0500	Cooking and Related Culinary Arts, General	20	0.10
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	11	0.05
12.0502	Bartending/Bartender	3	0.01
12.0503	Culinary Arts/Chef Training	28	0.13
12.0504	Restaurant, Culinary, and Catering Management/Manager	5	0.02
12.0599	Culinary Arts and Related Services, Other	7	0.03
13.0101	Education, General	44	0.21
13.0201	Bilingual and Multilingual Education	4	0.02
13.0299	Bilingual, Multilingual, and Multicultural Education, Other	1	0.00
13.0301	Curriculum and Instruction	12	0.06
13.0401	Educational Leadership and Administration, General	9	0.04
13.0402	Administration of Special Education	1	0.00
13.0403	Adult and Continuing Education Administration	1	0.00
13.0404	Educational, Instructional, and Curriculum Supervision	4	0.02
13.0406	Higher Education/Higher Education Administration	12	0.06
13.0410	Urban Education and Leadership	1	0.00
13.0499	Educational Administration and Supervision, Other	3	0.01
13.0501	Educational/Instructional Technology	2	0.01
13.0601	Educational Evaluation and Research	1	0.00
13.0607	Learning Sciences	1	0.00
13.1001	Special Education and Teaching, General	13	0.06
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness	2	0.01
13.1004	Education/Teaching of the Gifted and Talented	2	0.01
13.1005	Education/Teaching of Individuals with Emotional Disturbances	1	0.00
13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness	1	0.00
13.1015	Education/Teaching of Individuals in Early Childhood Special Education Programs	7	0.03
13.1017	Education/Teaching of Individuals in Elementary Special Education Programs	9	0.04
13.1018	Education/Teaching of Individuals in Junior High/Middle School Special Education Programs	2	0.01
13.1099	Special Education and Teaching, Other	3	0.01
13.1101	Counselor Education/School Counseling and Guidance Services	15	0.07
13.1102	College Student Counseling and Personnel Services	4	0.02
13.1199	Student Counseling and Personnel Services, Other	3	0.01
13.1201	Adult and Continuing Education and Teaching	1	0.00
13.1202	Elementary Education and Teaching	140	0.67
13.1203	Junior High/Intermediate/Middle School Education and Teaching	8	0.04
13.1205	Secondary Education and Teaching	30	0.14
13.1207	Montessori Teacher Education	2	0.01
13.1209	Kindergarten/Preschool Education and Teaching	3	0.01
13.1210	Early Childhood Education and Teaching	83	0.40
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other	1	0.00
13.1301	Agricultural Teacher Education	1	0.00
13.1302	Art Teacher Education	9	0.04
13.1303	Business Teacher Education	2	0.01
13.1305	English/Language Arts Teacher Education	34	0.16
13.1306	Foreign Language Teacher Education	3	0.01
13.1308	Family and Consumer Sciences/Home Economics Teacher Education	2	0.01
13.1309	Technology Teacher Education/Industrial Arts Teacher Education	1	0.00
13.1311	Mathematics Teacher Education	19	0.09
13.1312	Music Teacher Education	25	0.12
13.1314	Physical Education Teaching and Coaching	23	0.11
13.1315	Reading Teacher Education	7	0.03
13.1316	Science Teacher Education/General Science Teacher Education	5	0.02
13.1317	Social Science Teacher Education	2	0.01
13.1318	Social Studies Teacher Education	7	0.03
13.1322	Biology Teacher Education	6	0.03
13.1324	Drama and Dance Teacher Education	3	0.01
13.1326	German Language Teacher Education	1	0.00
13.1327	Health Occupations Teacher Education	1	0.00
13.1328	History Teacher Education	10	0.05
13.1329	Physics Teacher Education	3	0.01
13.1330	Spanish Language Teacher Education	5	0.02
13.1335	Psychology Teacher Education	1	0.00
13.1337	Earth Science Teacher Education	2	0.01
13.1399	Teacher Education and Professional Development, Specific Subject Areas, Other	3	0.01
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor	6	0.03

13.1599	Teaching Assistants/Aides, Other	2	0.01
13.9999	Education, Other	6	0.03
14.0101	Engineering, General	11	0.05
14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering	8	0.04
14.0301	Agricultural Engineering	3	0.01
14.0401	Architectural Engineering	2	0.01
14.0501	Bioengineering and Biomedical Engineering	12	0.06
14.0601	Ceramic Sciences and Engineering	1	0.00
14.0701	Chemical Engineering	13	0.06
14.0702	Chemical and Biomolecular Engineering	2	0.01
14.0801	Civil Engineering, General	50	0.24
14.0803	Structural Engineering	2	0.01
14.0804	Transportation and Highway Engineering	1	0.00
14.0899	Civil Engineering, Other	2	0.01
14.0901	Computer Engineering, General	14	0.07
14.0903	Computer Software Engineering	6	0.03
14.0999	Computer Engineering, Other	3	0.01
14.1001	Electrical and Electronics Engineering	42	0.20
14.1099	Electrical, Electronics and Communications Engineering, Other	4	0.02
14.1101	Engineering Mechanics	1	0.00
14.1201	Engineering Physics/Applied Physics	4	0.02
14.1301	Engineering Science	4	0.02
14.1401	Environmental/Environmental Health Engineering	4	0.02
14.1801	Materials Engineering	5	0.02
14.1901	Mechanical Engineering	59	0.28
14.2101	Mining and Mineral Engineering	1	0.00
14.2201	Naval Architecture and Marine Engineering	1	0.00
14.2301	Nuclear Engineering	3	0.01
14.2501	Petroleum Engineering	1	0.00
14.2701	Systems Engineering	2	0.01
14.3301	Construction Engineering	6	0.03
14.3501	Industrial Engineering	13	0.06
14.3601	Manufacturing Engineering	3	0.01
14.3701	Operations Research	3	0.01
14.4301	Biochemical Engineering	1	0.00
14.4501	Biological/Biosystems Engineering	3	0.01
14.9999	Engineering, Other	1	0.00
15.0000	Engineering Technology, General	1	0.00
15.0201	Civil Engineering Technology/Technician	1	0.00
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	5	0.02
15.0399	Electrical and Electronic Engineering Technologies/Technicians, Other	14	0.07
15.0406	Automation Engineer Technology/Technician	1	0.00

15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician	4	0.02
15.0505	Solar Energy Technology/Technician	2	0.01
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician	1	0.00
15.0612	Industrial Technology/Technician	1	0.00
15.0613	Manufacturing Engineering Technology/Technician	2	0.01
15.0614	Welding Engineering Technology/Technician	2	0.01
15.0701	Occupational Safety and Health Technology/Technician	3	0.01
15.0702	Quality Control Technology/Technician	1	0.00
15.0703	Industrial Safety Technology/Technician	1	0.00
15.0704	Hazardous Materials Information Systems Technology/Technician	1	0.00
15.0801	Aeronautical/Aerospace Engineering Technology/Technician	2	0.01
15.0803	Automotive Engineering Technology/Technician	4	0.02
15.0805	Mechanical Engineering/Mechanical Technology/Technician	3	0.01
15.0901	Mining Technology/Technician	1	0.00
15.1001	Construction Engineering Technology/Technician	1	0.00
15.1103	Hydraulics and Fluid Power Technology/Technician	1	0.00
15.1201	Computer Engineering Technology/Technician	2	0.01
15.1202	Computer Technology/Computer Systems Technology	1	0.00
15.1203	Computer Hardware Technology/Technician	1	0.00
15.1299	Computer Engineering Technologies/Technicians, Other	2	0.01
15.1301	Drafting and Design Technology/Technician, General	2	0.01
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	7	0.03
15.1303	Architectural Drafting and Architectural CAD/CADD	3	0.01
15.1305	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD	1	0.00
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD	3	0.01
15.1399	Drafting/Design Engineering Technologies/Technicians, Other	2	0.01
15.1501	Engineering/Industrial Management	3	0.01
15.1503	Packaging Science	1	0.00
16.0102	Linguistics	12	0.06
16.0104	Comparative Literature	3	0.01
16.0301	Chinese Language and Literature	1	0.00
16.0400	Slavic Languages, Literatures, and Linguistics, General	1	0.00
16.0402	Russian Language and Literature	1	0.00

16.0500	Germanic Languages, Literatures, and Linguistics, General	2	0.01
16.0901	French Language and Literature	6	0.03
16.0902	Italian Language and Literature	1	0.00
16.0905	Spanish Language and Literature	16	0.08
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	2	0.01
16.1601	American Sign Language (ASL)	3	0.01
19.0000	Work and Family Studies	1	0.00
19.0101	Family and Consumer Sciences/Human Sciences, General	4	0.02
19.0203	Consumer Merchandising/Retailing Management	1	0.00
19.0299	Family and Consumer Sciences/Human Sciences Business Services, Other	2	0.01
19.0401	Family Resource Management Studies, General	1	0.00
19.0501	Foods, Nutrition, and Wellness Studies, General	1	0.00
19.0504	Human Nutrition	3	0.01
19.0599	Foods, Nutrition, and Related Services, Other	7	0.03
19.0601	Housing and Human Environments, General	1	0.00
19.0701	Human Development and Family Studies, General	7	0.03
19.0706	Child Development	9	0.04
19.0707	Family and Community Services	2	0.01
19.0708	Child Care and Support Services Management	1	0.00
19.0709	Child Care Provider/Assistant	1	0.00
19.0799	Human Development, Family Studies, and Related Services, Other	11	0.05
19.0901	Apparel and Textiles, General	1	0.00
19.0902	Apparel and Textile Manufacture	1	0.00
19.0905	Apparel and Textile Marketing Management	2	0.01
19.0906	Fashion and Fabric Consultant	1	0.00
19.0999	Apparel and Textiles, Other	1	0.00
19.9999	Family and Consumer Sciences/Human Sciences, Other	5	0.02
22.0000	Legal Studies, General	11	0.05
22.0001	Pre-Law Studies	4	0.02
22.0101	Law	112	0.53
22.0203	American/U.S. Law/Legal Studies/Jurisprudence	5	0.02
22.0210	International Business, Trade, and Tax Law	4	0.02
22.0301	Legal Administrative Assistant/Secretary	1	0.00
22.0302	Legal Assistant/Paralegal	18	0.09
22.0303	Court Reporting/Court Reporter	2	0.01
22.9999	Legal Professions and Studies, Other	1	0.00
23.0101	English Language and Literature, General	104	0.50
23.1301	Writing, General	1	0.00
23.1302	Creative Writing	15	0.07

23.1399	Rhetoric and Composition/Writing Studies, Other	2	0.01
23.1404	English Literature (British and Commonwealth)	2	0.01
23.1499	Literature, Other	1	0.00
23.9999	English Language and Literature/Letters, Other	10	0.05
24.0101	Liberal Arts and Sciences/Liberal Studies	54	0.26
24.0102	General Studies	92	0.44
24.0103	Humanities/Humanistic Studies	6	0.03
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	113	0.54
25.0101	Library and Information Science	7	0.03
25.0103	Archives/Archival Administration	1	0.00
26.0101	Biology/Biological Sciences, General	155	0.74
26.0102	Biomedical Sciences, General	12	0.06
26.0202	Biochemistry	22	0.11
26.0204	Molecular Biology	5	0.02
26.0205	Molecular Biochemistry	1	0.00
26.0210	Biochemistry and Molecular Biology	7	0.03
26.0301	Botany/Plant Biology	3	0.01
26.0406	Cell/Cellular and Molecular Biology	13	0.06
26.0407	Cell Biology and Anatomy	1	0.00
26.0499	Cell/Cellular Biology and Anatomical Sciences, Other	4	0.02
26.0502	Microbiology, General	8	0.04
26.0503	Medical Microbiology and Bacteriology	3	0.01
26.0508	Microbiology and Immunology	2	0.01
26.0599	Microbiological Sciences and Immunology, Other	1	0.00
26.0701	Zoology/Animal Biology	9	0.04
26.0709	Wildlife Biology	2	0.01
26.0799	Zoology/Animal Biology, Other	2	0.01
26.0801	Genetics, General	1	0.00
26.0802	Molecular Genetics	1	0.00
26.0807	Genome Sciences/Genomics	1	0.00
26.0901	Physiology, General	2	0.01
26.0903	Cell Physiology	1	0.00
26.0908	Exercise Physiology	6	0.03
26.0999	Physiology, Pathology, and Related Sciences, Other	1	0.00
26.1001	Pharmacology	1	0.00
26.1004	Toxicology	1	0.00
26.1005	Molecular Toxicology	1	0.00
26.1006	Environmental Toxicology	1	0.00
26.1102	Biostatistics	1	0.00
26.1104	Computational Biology	1	0.00
26.1201	Biotechnology	4	0.02
26.1301	Ecology	1	0.00
26.1305	Environmental Biology	3	0.01

26.1307	Conservation Biology	1	0.00
26.1309	Epidemiology	3	0.01
26.1310	Ecology and Evolutionary Biology	2	0.01
26.1399	Ecology, Evolution, Systematics and Population Biology, Other	1	0.00
26.1501	Neuroscience	5	0.02
26.1503	Neurobiology and Anatomy	2	0.01
26.9999	Biological and Biomedical Sciences, Other	6	0.03
27.0101	Mathematics, General	41	0.20
27.0301	Applied Mathematics, General	11	0.05
27.0305	Financial Mathematics	1	0.00
27.0399	Applied Mathematics, Other	2	0.01
27.0501	Statistics, General	1	0.00
27.0502	Mathematical Statistics and Probability	2	0.01
27.0503	Mathematics and Statistics	3	0.01
27.9999	Mathematics and Statistics, Other	1	0.00
29.0207	Cyber/Electronic Operations and Warfare	2	0.01
29.0301	Combat Systems Engineering	1	0.00
29.0399	Military Applied Sciences, Other	2	0.01
29.0402	Air and Space Operations Technology	1	0.00
29.0404	Explosive Ordinance/Bomb Disposal	1	0.00
29.0406	Military Information Systems Technology	1	0.00
29.0499	Military Systems and Maintenance Technology, Other	1	0.00
30.0000	Multi-/Interdisciplinary Studies, General	11	0.05
30.0101	Biological and Physical Sciences	1	0.00
30.0501	Peace Studies and Conflict Resolution	2	0.01
30.0801	Mathematics and Computer Science	1	0.00
30.1101	Gerontology	2	0.01
30.1201	Historic Preservation and Conservation	1	0.00
30.1401	Museology/Museum Studies	1	0.00
30.1501	Science, Technology and Society	1	0.00
30.1701	Behavioral Sciences	6	0.03
30.1801	Natural Sciences	5	0.02
30.1901	Nutrition Sciences	5	0.02
30.2001	International/Global Studies	16	0.08
30.2201	Ancient Studies/Civilization	1	0.00
30.2202	Classical, Ancient Mediterranean and Near Eastern Studies and Archaeology	1	0.00
30.2301	Intercultural/Multicultural and Diversity Studies	1	0.00
30.2501	Cognitive Science	1	0.00
30.2701	Human Biology	1	0.00
30.3101	Human Computer Interaction	2	0.01
30.9999	Multi-/Interdisciplinary Studies, Other	9	0.04
31.0101	Parks, Recreation and Leisure Studies	4	0.02
31.0301	Parks, Recreation and Leisure Facilities Management, General	6	0.03
31.0302	Golf Course Operation and Grounds Management	1	0.00
31.0399	Parks, Recreation and Leisure Facilities Management, Other	2	0.01
31.0501	Health and Physical Education/Fitness, General	6	0.03
31.0504	Sport and Fitness Administration/Management	19	0.09
31.0505	Kinesiology and Exercise Science	58	0.28
31.0508	Sports Studies	5	0.02
31.0599	Health and Physical Education/Fitness, Other	4	0.02
31.0601	Outdoor Education	2	0.01
38.0001	Philosophy and Religious Studies, General	2	0.01
38.0101	Philosophy	26	0.12
38.0104	Applied and Professional Ethics	1	0.00
38.0201	Religion/Religious Studies	6	0.03
38.0203	Christian Studies	2	0.01
38.0299	Religion/Religious Studies, Other	1	0.00
39.0201	Bible/Biblical Studies	8	0.04
39.0301	Missions/Missionary Studies and Missiology	1	0.00
39.0401	Religious Education	2	0.01
39.0501	Religious/Sacred Music	1	0.00
39.0601	Theology/Theological Studies	9	0.04
39.0602	Divinity/Ministry	4	0.02
39.0604	Pre-Theology/Pre-Ministerial Studies	2	0.01
39.0699	Theological and Ministerial Studies, Other	1	0.00
39.0701	Pastoral Studies/Counseling	1	0.00
39.0702	Youth Ministry	7	0.03
39.0705	Lay Ministry	1	0.00
39.0799	Pastoral Counseling and Specialized Ministries, Other	4	0.02
40.0101	Physical Sciences	6	0.03
40.0299	Astronomy and Astrophysics, Other	1	0.00
40.0401	Atmospheric Sciences and Meteorology, General	1	0.00
40.0404	Meteorology	2	0.01
40.0501	Chemistry, General	39	0.19
40.0504	Organic Chemistry	1	0.00
40.0506	Physical Chemistry	1	0.00
40.0507	Polymer Chemistry	2	0.01
40.0599	Chemistry, Other	3	0.01
40.0601	Geology/Earth Science, General	8	0.04
40.0607	Oceanography, Chemical and Physical	1	0.00
40.0699	Geological and Earth Sciences/Geosciences, Other	2	0.01
40.0801	Physics, General	15	0.07
40.0809	Acoustics	1	0.00
40.0810	Theoretical and Mathematical Physics	2	0.01
40.9999	Physical Sciences, Other	3	0.01

41.0000	Science Technologies/Technicians, General	5	0.02
41.0204	Industrial Radiologic Technology/Technician	4	0.02
41.0299	Nuclear and Industrial Radiologic Technologies/Technicians, Other	1	0.00
41.0301	Chemical Technology/Technician	1	0.00
41.0399	Physical Science Technologies/Technicians, Other	1	0.00
41.9999	Science Technologies/Technicians, Other	3	0.01
42.0101	Psychology, General	244	1.16
42.2701	Cognitive Psychology and Psycholinguistics	4	0.02
42.2703	Developmental and Child Psychology	4	0.02
42.2704	Experimental Psychology	2	0.01
42.2706	Physiological Psychology/Psychobiology	2	0.01
42.2707	Social Psychology	5	0.02
42.2799	Research and Experimental Psychology, Other	3	0.01
42.2801	Clinical Psychology	16	0.08
42.2802	Community Psychology	1	0.00
42.2803	Counseling Psychology	13	0.06
42.2804	Industrial and Organizational Psychology	4	0.02
42.2805	School Psychology	6	0.03
42.2806	Educational Psychology	3	0.01
42.2807	Clinical Child Psychology	1	0.00
42.2812	Forensic Psychology	6	0.03
42.2813	Applied Psychology	4	0.02
42.2814	Applied Behavior Analysis	2	0.01
42.2899	Clinical, Counseling and Applied Psychology, Other	4	0.02
42.9999	Psychology, Other	4	0.02
43.0102	Corrections	2	0.01
43.0103	Criminal Justice/Law Enforcement Administration	62	0.30
43.0104	Criminal Justice/Safety Studies	9	0.04
43.0106	Forensic Science and Technology	2	0.01
43.0107	Criminal Justice/Police Science	27	0.13
43.0109	Security and Loss Prevention Services	1	0.00
43.0111	Criminalistics and Criminal Science	9	0.04
43.0114	Law Enforcement Investigation and Interviewing	1	0.00
43.0122	Maritime Law Enforcement	1	0.00
43.0199	Corrections and Criminal Justice, Other	52	0.25
43.0201	Fire Prevention and Safety Technology/Technician	2	0.01
43.0203	Fire Science/Fire-fighting	16	0.08
43.0204	Fire Systems Technology	1	0.00
43.0299	Fire Protection, Other	1	0.00
43.0302	Crisis/Emergency/Disaster Management	3	0.01
43.0399	Homeland Security, Other	1	0.00

43.9999	Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other	5	0.02
44.0000	Human Services, General	18	0.09
44.0401	Public Administration	22	0.11
44.0501	Public Policy Analysis, General	9	0.04
44.0701	Social Work	77	0.37
44.9999	Public Administration and Social Service Professions, Other	1	0.00
45.0101	Social Sciences, General	14	0.07
45.0201	Anthropology	26	0.12
45.0204	Cultural Anthropology	3	0.01
45.0299	Anthropology, Other	1	0.00
45.0301	Archeology	2	0.01
45.0401	Criminology	22	0.11
45.0601	Economics, General	68	0.32
45.0602	Applied Economics	4	0.02
45.0603	Econometrics and Quantitative Economics	2	0.01
45.0604	Development Economics and International Development	1	0.00
45.0605	International Economics	5	0.02
45.0699	Economics, Other	4	0.02
45.0701	Geography	4	0.02
45.0702	Geographic Information Science and Cartography	1	0.00
45.0799	Geography, Other	1	0.00
45.0901	International Relations and Affairs	28	0.13
45.0902	National Security Policy Studies	2	0.01
45.0999	International Relations and National Security Studies, Other	6	0.03
45.1001	Political Science and Government, General	100	0.48
45.1002	American Government and Politics (United States)	4	0.02
45.1004	Political Economy	3	0.01
45.1099	Political Science and Government, Other	18	0.09
45.1101	Sociology	84	0.40
45.1201	Urban Studies/Affairs	3	0.01
45.1301	Sociology and Anthropology	7	0.03
45.9999	Social Sciences, Other	8	0.04
46.0000	Construction Trades, General	6	0.03
46.0201	Carpentry/Carpenter	9	0.04
46.0301	Electrical and Power Transmission Installation/Installer, General	9	0.04
46.0302	Electrician	10	0.05
46.0303	Lineworker	3	0.01
46.0399	Electrical and Power Transmission Installers, Other	2	0.01
46.0403	Building/Home/Construction Inspection/Inspector	1	0.00
46.0408	Painting/Painter and Wall Coverer	1	0.00
46.0410	Roofer	1	0.00

46.0412	Building/Construction Site Management/Manager	1	0.00
46.0415	Building Construction Technology	3	0.01
46.0499	Building/Construction Finishing, Management, and Inspection, Other	1	0.00
46.0502	Pipefitting/Pipefitter and Sprinkler Fitter	2	0.01
46.0503	Plumbing Technology/Plumber	4	0.02
46.0504	Well Drilling/Driller	1	0.00
46.0599	Plumbing and Related Water Supply Services, Other	2	0.01
46.9999	Construction Trades, Other	3	0.01
47.0101	Electrical/Electronics Equipment Installation and Repair, General	4	0.02
47.0104	Computer Installation and Repair Technology/Technician	2	0.01
47.0105	Industrial Electronics Technology/Technician	1	0.00
47.0106	Appliance Installation and Repair Technology/Technician	2	0.01
47.0110	Security System Installation, Repair, and Inspection Technology/Technician	1	0.00
47.0199	Electrical/Electronics Maintenance and Repair Technology, Other	5	0.02
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	12	0.06
47.0303	Industrial Mechanics and Maintenance Technology	3	0.01
47.0403	Locksmithing and Safe Repair	1	0.00
47.0404	Musical Instrument Fabrication and Repair	1	0.00
47.0408	Watchmaking and Jewelrymaking	1	0.00
47.0600	Vehicle Maintenance and Repair Technologies, General	1	0.00
47.0603	Autobody/Collision and Repair Technology/Technician	16	0.08
47.0604	Automobile/Automotive Mechanics Technology/Technician	60	0.29
47.0605	Diesel Mechanics Technology/Technician	13	0.06
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	6	0.03
47.0608	Aircraft Powerplant Technology/Technician	3	0.01
47.0610	Bicycle Mechanics and Repair Technology/Technician	1	0.00
47.0611	Motorcycle Maintenance and Repair Technology/Technician	2	0.01
47.0613	Medium/Heavy Vehicle and Truck Technology/Technician	4	0.02
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	1	0.00
47.9999	Mechanic and Repair Technologies/Technicians, Other	1	0.00
48.0000	Precision Production Trades, General	1	0.00
48.0399	Leatherworking and Upholstery, Other	1	0.00
48.0501	Machine Tool Technology/Machinist	2	0.01
48.0507	Tool and Die Technology/Technician	1	0.00

48.0508	Welding Technology/Welder	24	0.11
48.0510	Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist	2	0.01
48.0511	Metal Fabricator	1	0.00
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General	5	0.02
49.0102	Airline/Commercial/Professional Pilot and Flight Crew	4	0.02
49.0104	Aviation/Airway Management and Operations	4	0.02
49.0105	Air Traffic Controller	2	0.01
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	3	0.01
49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor	14	0.07
49.0206	Mobil Crane Operation/Operator	1	0.00
49.0208	Railroad and Railway Transportation	1	0.00
49.0299	Ground Transportation, Other	1	0.00
49.0399	Marine Transportation, Other	3	0.01
50.0101	Visual and Performing Arts, General	2	0.01
50.0102	Digital Arts	10	0.05
50.0301	Dance, General	9	0.04
50.0399	Dance, Other	1	0.00
50.0401	Design and Visual Communications, General	14	0.07
50.0404	Industrial and Product Design	4	0.02
50.0407	Fashion/Apparel Design	9	0.04
50.0408	Interior Design	17	0.08
50.0409	Graphic Design	45	0.21
50.0410	Illustration	4	0.02
50.0411	Game and Interactive Media Design	8	0.04
50.0499	Design and Applied Arts, Other	4	0.02
50.0501	Drama and Dramatics/Theatre Arts, General	16	0.08
50.0502	Technical Theatre/Theatre Design and Technology	6	0.03
50.0505	Theatre Literature, History and Criticism	1	0.00
50.0506	Acting	5	0.02
50.0507	Directing and Theatrical Production	1	0.00
50.0509	Musical Theatre	4	0.02
50.0599	Dramatic/Theatre Arts and Stagecraft, Other	4	0.02
50.0601	Film/Cinema/Video Studies	14	0.07
50.0602	Cinematography and Film/Video Production	11	0.05
50.0605	Photography	18	0.09
50.0699	Film/Video and Photographic Arts, Other	5	0.02
50.0701	Art/Art Studies, General	13	0.06
50.0702	Fine/Studio Arts, General	29	0.14
50.0703	Art History, Criticism and Conservation	16	0.08
50.0709	Sculpture	1	0.00
50.0710	Printmaking	3	0.01
50.0711	Ceramic Arts and Ceramics	4	0.02

Code	Description	Count	Percent
50.0712	Fiber, Textile and Weaving Arts	1	0.00
50.0713	Metal and Jewelry Arts	1	0.00
50.0799	Fine Arts and Art Studies, Other	5	0.02
50.0901	Music, General	6	0.03
50.0903	Music Performance, General	18	0.09
50.0904	Music Theory and Composition	1	0.00
50.0905	Musicology and Ethnomusicology	1	0.00
50.0908	Voice and Opera	1	0.00
50.0910	Jazz/Jazz Studies	1	0.00
50.0913	Music Technology	5	0.02
50.1001	Arts, Entertainment,and Media Management, General	5	0.02
50.1002	Fine and Studio Arts Management	2	0.01
50.1003	Music Management	1	0.00
50.1004	Theatre/Theatre Arts Management	6	0.03
50.1099	Arts, Entertainment, and Media Management, Other	5	0.02
50.9999	Visual and Performing Arts, Other	2	0.01
51.0000	Health Services/Allied Health/Health Sciences, General	14	0.07
51.0001	Health and Wellness, General	12	0.06
51.0101	Chiropractic	4	0.02
51.0201	Communication Sciences and Disorders, General	14	0.07
51.0202	Audiology/Audiologist	1	0.00
51.0203	Speech-Language Pathology/Pathologist	16	0.08
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist	4	0.02
51.0299	Communication Disorders Sciences and Services, Other	11	0.05
51.0401	Dentistry	15	0.07
51.0501	Dental Clinical Sciences, General	3	0.01
51.0503	Oral Biology and Oral and Maxillofacial Pathology	1	0.00
51.0601	Dental Assisting/Assistant	34	0.16
51.0602	Dental Hygiene/Hygienist	23	0.11
51.0603	Dental Laboratory Technology/Technician	2	0.01
51.0699	Dental Services and Allied Professions, Other	2	0.01
51.0701	Health/Health Care Administration/Management	17	0.08
51.0702	Hospital and Health Care Facilities Administration/Management	1	0.00
51.0703	Health Unit Coordinator/Ward Clerk	3	0.01
51.0704	Health Unit Manager/Ward Supervisor	1	0.00
51.0705	Medical Office Management/Administration	9	0.04
51.0706	Health Information/Medical Records Administration/Administrator	6	0.03
51.0707	Health Information/Medical Records Technology/Technician	3	0.01
51.0708	Medical Transcription/Transcriptionist	4	0.02
51.0709	Medical Office Computer Specialist/Assistant	1	0.00
51.0710	Medical Office Assistant/Specialist	16	0.08
51.0711	Medical/Health Management and Clinical Assistant/Specialist	1	0.00
51.0713	Medical Insurance Coding Specialist/Coder	23	0.11
51.0714	Medical Insurance Specialist/Medical Biller	5	0.02
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	7	0.03
51.0717	Medical Staff Services Technology/Technician	1	0.00
51.0799	Health and Medical Administrative Services, Other	9	0.04
51.0801	Medical/Clinical Assistant	94	0.45
51.0802	Clinical/Medical Laboratory Assistant	16	0.08
51.0803	Occupational Therapist Assistant	3	0.01
51.0805	Pharmacy Technician/Assistant	32	0.15
51.0806	Physical Therapy Technician/Assistant	9	0.04
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	8	0.04
51.0809	Anesthesiologist Assistant	1	0.00
51.0810	Emergency Care Attendant (EMT Ambulance)	15	0.07
51.0816	Speech-Language Pathology Assistant	1	0.00
51.0899	Allied Health and Medical Assisting Services, Other	23	0.11
51.0901	Cardiovascular Technology/Technologist	6	0.03
51.0902	Electrocardiograph Technology/Technician	2	0.01
51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist	1	0.00
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	51	0.24
51.0905	Nuclear Medical Technology/Technologist	4	0.02
51.0906	Perfusion Technology/Perfusionist	1	0.00
51.0908	Respiratory Care Therapy/Therapist	7	0.03
51.0909	Surgical Technology/Technologist	14	0.07
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	8	0.04
51.0911	Radiologic Technology/Science - Radiographer	17	0.08
51.0912	Physician Assistant	17	0.08
51.0913	Athletic Training/Trainer	8	0.04
51.0915	Cardiopulmonary Technology/Technologist	1	0.00
51.0917	Polysomnography	2	0.01
51.0919	Mammography Technician/Technology	1	0.00
51.0920	Magnetic Resonance Imaging (MRI) Technology/Technician	2	0.01
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5	0.02
51.1002	Cytotechnology/Cytotechnologist	3	0.01
51.1004	Clinical/Medical Laboratory Technician	3	0.01

Code	Description	Count	Pct
51.1005	Clinical Laboratory Science/Medical Technology/Technologist	5	0.02
51.1007	Histologic Technology/Histotechnologist	1	0.00
51.1008	Histologic Technician	1	0.00
51.1009	Phlebotomy Technician/Phlebotomist	29	0.14
51.1012	Sterile Processing Technology/Technician	1	0.00
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	2	0.01
51.1102	Pre-Medicine/Pre-Medical Studies	3	0.01
51.1104	Pre-Veterinary Studies	1	0.00
51.1105	Pre-Nursing Studies	9	0.04
51.1107	Pre-Occupational Therapy Studies	1	0.00
51.1109	Pre-Physical Therapy Studies	4	0.02
51.1199	Health/Medical Preparatory Programs, Other	1	0.00
51.1201	Medicine	45	0.21
51.1401	Medical Scientist	1	0.00
51.1501	Substance Abuse/Addiction Counseling	1	0.00
51.1503	Clinical/Medical Social Work	2	0.01
51.1504	Community Health Services/Liaison/Counseling	1	0.00
51.1505	Marriage and Family Therapy/Counseling	2	0.01
51.1508	Mental Health Counseling/Counselor	5	0.02
51.1701	Optometry	6	0.03
51.1801	Opticianry/Ophthalmic Dispensing Optician	1	0.00
51.1803	Ophthalmic Technician/Technologist	1	0.00
51.1901	Osteopathic Medicine/Osteopathy	4	0.02
51.2001	Pharmacy	54	0.26
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs	1	0.00
51.2008	Clinical, Hospital, and Managed Care Pharmacy	1	0.00
51.2101	Podiatric Medicine/Podiatry	2	0.01
51.2201	Public Health, General	15	0.07
51.2202	Environmental Health	3	0.01
51.2205	Health/Medical Physics	1	0.00
51.2206	Occupational Health and Industrial Hygiene	1	0.00
51.2207	Public Health Education and Promotion	15	0.07
51.2208	Community Health and Preventive Medicine	2	0.01
51.2209	Maternal and Child Health	1	0.00
51.2210	International Public Health/International Health	3	0.01
51.2211	Health Services Administration	4	0.02
51.2212	Behavioral Aspects of Health	1	0.00
51.2299	Public Health, Other	7	0.03
51.2301	Art Therapy/Therapist	1	0.00
51.2305	Music Therapy/Therapist	2	0.01
51.2306	Occupational Therapy/Therapist	18	0.09
51.2307	Orthotist/Prosthetist	1	0.00
51.2308	Physical Therapy/Therapist	28	0.13

Code	Description	Count	Pct
51.2309	Therapeutic Recreation/Recreational Therapy	6	0.03
51.2314	Rehabilitation Science	1	0.00
51.2401	Veterinary Medicine	8	0.04
51.2601	Health Aide	5	0.02
51.2602	Home Health Aide/Home Attendant	2	0.01
51.2603	Medication Aide	3	0.01
51.2604	Rehabilitation Aide	1	0.00
51.2699	Health Aides/Attendants/Orderlies, Other	4	0.02
51.2706	Medical Informatics	2	0.01
51.3101	Dietetics/Dietitian	4	0.02
51.3102	Clinical Nutrition/Nutritionist	2	0.01
51.3199	Dietetics and Clinical Nutrition Services, Other	11	0.05
51.3300	Alternative and Complementary Medicine and Medical Systems, General	1	0.00
51.3501	Massage Therapy/Therapeutic Massage	52	0.25
51.3602	Yoga Teacher Training/Yoga Therapy	2	0.01
51.3801	Registered Nursing/Registered Nurse	210	1.00
51.3803	Adult Health Nurse/Nursing	43	0.21
51.3805	Family Practice Nurse/Nursing	8	0.04
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing	3	0.01
51.3808	Nursing Science	20	0.10
51.3809	Pediatric Nurse/Nursing	3	0.01
51.3810	Psychiatric/Mental Health Nurse/Nursing	2	0.01
51.3811	Public Health/Community Nurse/Nursing	2	0.01
51.3814	Critical Care Nursing	12	0.06
51.3816	Emergency Room/Trauma Nursing	6	0.03
51.3817	Nursing Education	1	0.00
51.3818	Nursing Practice	10	0.05
51.3819	Palliative Care Nursing	1	0.00
51.3821	Geriatric Nurse/Nursing	1	0.00
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	13	0.06
51.3901	Licensed Practical/Vocational Nurse Training	35	0.17
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	98	0.47
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other	30	0.14
51.9999	Health Professions and Related Clinical Sciences, Other	9	0.04
52.0101	Business/Commerce, General	17	0.08
52.0201	Business Administration and Management, General	398	1.90
52.0203	Logistics, Materials, and Supply Chain Management	16	0.08
52.0204	Office Management and Supervision	5	0.02
52.0205	Operations Management and Supervision	3	0.01

52.0206	Non-Profit/Public/Organizational Management	5	0.02
52.0207	Customer Service Management	2	0.01
52.0208	E-Commerce/Electronic Commerce	1	0.00
52.0211	Project Management	4	0.02
52.0212	Retail Management	3	0.01
52.0213	Organizational Leadership	5	0.02
52.0299	Business Administration, Management and Operations, Other	41	0.20
52.0301	Accounting	193	0.92
52.0302	Accounting Technology/Technician and Bookkeeping	2	0.01
52.0303	Auditing	2	0.01
52.0304	Accounting and Finance	20	0.10
52.0305	Accounting and Business/Management	31	0.15
52.0401	Administrative Assistant and Secretarial Science, General	8	0.04
52.0402	Executive Assistant/Executive Secretary	1	0.00
52.0406	Receptionist	2	0.01
52.0407	Business/Office Automation/Technology/Data Entry	7	0.03
52.0408	General Office Occupations and Clerical Services	4	0.02
52.0501	Business/Corporate Communications	17	0.08
52.0601	Business/Managerial Economics	28	0.13
52.0701	Entrepreneurship/Entrepreneurial Studies	5	0.02
52.0703	Small Business Administration/Management	7	0.03
52.0799	Entrepreneurial and Small Business Operations, Other	7	0.03
52.0801	Finance, General	123	0.59
52.0803	Banking and Financial Support Services	1	0.00
52.0804	Financial Planning and Services	7	0.03
52.0806	International Finance	2	0.01
52.0899	Finance and Financial Management Services, Other	18	0.09
52.0901	Hospitality Administration/Management, General	13	0.06
52.0903	Tourism and Travel Services Management	4	0.02
52.0904	Hotel/Motel Administration/Management	1	0.00
52.0905	Restaurant/Food Services Management	4	0.02
52.0906	Resort Management	2	0.01
52.0907	Meeting and Event Planning	1	0.00
52.0909	Hotel, Motel, and Restaurant Management	9	0.04
52.0999	Hospitality Administration/Management, Other	3	0.01
52.1001	Human Resources Management/Personnel Administration, General	13	0.06
52.1002	Labor and Industrial Relations	3	0.01
52.1005	Human Resources Development	2	0.01
52.1099	Human Resources Management and Services, Other	8	0.04

52.1101	International Business/Trade/Commerce	24	0.11
52.1201	Management Information Systems, General	10	0.05
52.1206	Information Resources Management	1	0.00
52.1301	Management Science	1	0.00
52.1302	Business Statistics	1	0.00
52.1304	Actuarial Science	3	0.01
52.1399	Management Sciences and Quantitative Methods, Other	1	0.00
52.1401	Marketing/Marketing Management, General	70	0.33
52.1402	Marketing Research	1	0.00
52.1403	International Marketing	5	0.02
52.1499	Marketing, Other	27	0.13
52.1501	Real Estate	14	0.07
52.1601	Taxation	2	0.01
52.1701	Insurance	8	0.04
52.1801	Sales, Distribution, and Marketing Operations, General	3	0.01
52.1802	Merchandising and Buying Operations	2	0.01
52.1804	Selling Skills and Sales Operations	2	0.01
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	16	0.08
52.1902	Fashion Merchandising	19	0.09
52.1904	Apparel and Accessories Marketing Operations	2	0.01
52.1908	Business and Personal/Financial Services Marketing Operations	11	0.05
52.2001	Construction Management	23	0.11
52.9999	Business, Management, Marketing, and Related Support Services, Other	49	0.23
54.0101	History, General	70	0.33
54.0102	American History (United States)	16	0.08
54.0103	European History	7	0.03
54.0104	History and Philosophy of Science and Technology	1	0.00
54.0106	Asian History	3	0.01
54.0199	History, Other	1	0.00
60.0411	Diagnostic Radiology Residency Program	4	0.02
60.0499	Medical Residency Programs - General Certificates, Other	1	0.00
60.0539	Nephrology Residency Program	1	0.00
TOTALS		20951	100.00

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Variable name: F3ICREDDBLMAJ_1

Record #1, Position:130 - 131, Format: N2.

Variable label: Credential #1 (highest/only cred from this inst): double major indicator

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDDBLMAJ_1 indicates whether the respondent had a secondary field-of-study for their highest/only credential earned from the associated postsecondary institution. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1 and F3CREDTYPE_1 <> 1.

Source: ELS:2002 Third follow-up questionnaire.

Code	Value Label	Frequency	Percentage
0	No	5102	24.35
1	Yes	1107	5.28
-3	Item legitimate skip/NA	14093	67.27
-9	Missing	649	3.10
TOTALS		20951	100.00

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Variable name: F3ICREDFIELD2_1

Record #1, Position:132 - 181, Format: A50

Variable label: Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study (verbatim)

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDFIELD2_1 indicates the respondent's secondary field-of-study for their highest/only credential earned from the associated postsecondary institution. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1 and F3ICREDDBLMAJ_1 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
Alpha	Alpha	1097	5.24
-3	Item legitimate skip/NA	19195	91.62
-9	Missing	659	3.15
TOTALS		20951	100.00

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Variable name: F3ICREDGEN2_1

Record #1, Position:182 - 183, Format: A2

Variable label: Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study 2-digit code

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDGEN2_1 indicates the two-digit CIP (Classification of Instructional Programs) code for the secondary field-of-study associated with the respondent's highest/only credential earned from the associated postsecondary institution. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1 and F3ICREDDBLMAJ_1 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
01	Agriculture, Agriculture Operations, and Related Sciences	5	0.02
03	Natural Resources and Conservation	5	0.02
04	Architecture and Related Services	2	0.01
05	Area, Ethnic, Cultural, and Gender Studies	30	0.14
09	Communication, Journalism, and Related Programs	42	0.20
10	Communications Technologies/Technicians and Support Services	7	0.03
11	Computer and Information Sciences and Support Services	21	0.10
12	Personal and Culinary Services	4	0.02
13	Education	76	0.36
14	Engineering	11	0.05
15	Engineering Technologies/Technicians	4	0.02
16	Foreign Languages, Literatures, and Linguistics	91	0.43
19	Family and Consumer Sciences/Human Sciences	9	0.04
22	Legal Professions and Studies	10	0.05
23	English Language and Literature/Letters	36	0.17
24	Liberal Arts and Sciences, General Studies and Humanities	18	0.09
25	Library Science	2	0.01
26	Biological and Biomedical Sciences	41	0.20
27	Mathematics and Statistics	21	0.10
29	Military Technologies	1	0.00
30	Multi/Interdisciplinary Studies	19	0.09

Code	Value Label	Frequency	Percentage
31	Parks, Recreation, Leisure, and Fitness Studies	9	0.04
38	Philosophy and Religious Studies	21	0.10
39	Theology and Religious Vocations	8	0.04
40	Physical Sciences	17	0.08
41	Science Technologies/Technicians	1	0.00
42	Psychology	65	0.31
43	Security and Protective Services	18	0.09
44	Public Administration and Social Service Professions	7	0.03
45	Social Sciences	125	0.60
46	Construction Trades	1	0.00
47	Mechanic and Repair Technologies/Technicians	6	0.03
49	Transportation and Materials Moving	2	0.01
50	Visual and Performing Arts	64	0.31
51	Health Professions and Related Clinical Sciences	54	0.26
52	Business, Management, Marketing, and Related Support Services	202	0.96
54	History	31	0.15
60	Residency Programs	1	0.00
-3	Item legitimate skip/NA	19193	91.61
-9	Missing	671	3.20
TOTALS		20951	100.00

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Variable name: F3ICREDSPEC2_1

Record #1, Position:184 - 190, Format: A7

Variable label: Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study 6-digit code

Variable description:

 - If the respondent has earned one or more credentials from the associated institution, F3ICREDGEN2_1 indicates the six-digit CIP (Classification of Instructional Programs) code for the secondary field-of-study associated with the respondent's highest/only credential earned from the associated postsecondary institution. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 1 and F3ICREDDBLMAJ_1 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
-3	Item legitimate skip/NA	19195	91.62
-9	Missing	674	3.22

Code	Value Label	Frequency	Percentage
01.0103	Agricultural Economics	1	0.00
01.0507	Equestrian/Equine Studies	1	0.00
01.0901	Animal Sciences, General	2	0.01
01.0905	Dairy Science	1	0.00
03.0103	Environmental Studies	2	0.01
03.0104	Environmental Science	2	0.01
03.0501	Forestry, General	1	0.00
03.9999	Natural Resources and Conservation, Other	1	0.00
04.0201	Architecture	1	0.00
04.0902	Architectural and Building Sciences/Technology	1	0.00
05.0102	American/United States Studies/Civilization	3	0.01
05.0103	Asian Studies/Civilization	1	0.00
05.0104	East Asian Studies	1	0.00
05.0106	European Studies/Civilization	1	0.00
05.0107	Latin American Studies	3	0.01
05.0110	Russian Studies	1	0.00
05.0123	Chinese Studies	1	0.00
05.0124	French Studies	5	0.02
05.0125	German Studies	2	0.01
05.0127	Japanese Studies	1	0.00
05.0130	Spanish and Iberian Studies	1	0.00
05.0200	Ethnic Studies	1	0.00
05.0201	African-American/Black Studies	2	0.01
05.0206	Asian-American Studies	1	0.00
05.0207	Women's Studies	5	0.02
05.0211	Deaf Studies	1	0.00
09.0100	Communication, General	15	0.07
09.0101	Speech Communication and Rhetoric	3	0.01
09.0102	Mass Communication/Media Studies	2	0.01
09.0199	Communication and Media Studies, Other	2	0.01
09.0401	Journalism	4	0.02
09.0402	Broadcast Journalism	1	0.00
09.0404	Photojournalism	1	0.00
09.0701	Radio and Television	2	0.01
09.0702	Digital Communication and Media/Multimedia	1	0.00
09.0900	Public Relations, Advertising, and Applied Communication	6	0.03
09.0901	Organizational Communication, General	2	0.01
09.0903	Advertising	2	0.01
09.9999	Communication, Journalism, and Related Programs, Other	1	0.00
10.0202	Radio and Television Broadcasting Technology/Technician	1	0.00
10.0203	Recording Arts Technology/Technician	1	0.00
10.0299	Audiovisual Communications Technologies/Technicians, Other	1	0.00
10.0301	Graphic Communications, General	1	0.00

10.0303	Prepress/Desktop Publishing and Digital Imaging Design	1	0.00
10.0304	Animation, Interactive Technology, Video Graphics and Special Effects	1	0.00
11.0101	Computer and Information Sciences, General	1	0.00
11.0102	Artificial Intelligence	1	0.00
11.0103	Information Technology	2	0.01
11.0301	Data Processing and Data Processing Technology/Technician	1	0.00
11.0701	Computer Science	6	0.03
11.0803	Computer Graphics	1	0.00
11.0901	Computer Systems Networking and Telecommunications	2	0.01
11.1001	Network and System Administration/Administrator	1	0.00
11.1003	Computer and Information Systems Security/Information Assurance	2	0.01
11.1099	Computer/Information Technology Services Administration and Management, Other	4	0.02
12.0503	Culinary Arts/Chef Training	1	0.00
12.0504	Restaurant, Culinary, and Catering Management/Manager	2	0.01
12.0599	Culinary Arts and Related Services, Other	1	0.00
13.0101	Education, General	5	0.02
13.0201	Bilingual and Multilingual Education	1	0.00
13.0299	Bilingual, Multilingual, and Multicultural Education, Other	1	0.00
13.0501	Educational/Instructional Technology	1	0.00
13.0604	Educational Assessment, Testing, and Measurement	1	0.00
13.1001	Special Education and Teaching, General	3	0.01
13.1015	Education/Teaching of Individuals in Early Childhood Special Education Programs	2	0.01
13.1017	Education/Teaching of Individuals in Elementary Special Education Programs	1	0.00
13.1102	College Student Counseling and Personnel Services	2	0.01
13.1202	Elementary Education and Teaching	5	0.02
13.1203	Junior High/Intermediate/Middle School Education and Teaching	1	0.00
13.1205	Secondary Education and Teaching	8	0.04
13.1206	Teacher Education, Multiple Levels	1	0.00
13.1210	Early Childhood Education and Teaching	7	0.03
13.1301	Agricultural Teacher Education	1	0.00
13.1302	Art Teacher Education	4	0.02
13.1305	English/Language Arts Teacher Education	3	0.01
13.1307	Health Teacher Education	1	0.00
13.1311	Mathematics Teacher Education	8	0.04
13.1312	Music Teacher Education	2	0.01
13.1314	Physical Education Teaching and Coaching	4	0.02
13.1315	Reading Teacher Education	3	0.01
13.1316	Science Teacher Education/General Science Teacher Education	1	0.00
13.1318	Social Studies Teacher Education	1	0.00
13.1324	Drama and Dance Teacher Education	3	0.01
13.1325	French Language Teacher Education	1	0.00
13.1328	History Teacher Education	1	0.00
13.1332	Geography Teacher Education	1	0.00
13.1335	Psychology Teacher Education	1	0.00
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor	2	0.01
14.0401	Architectural Engineering	1	0.00
14.0501	Bioengineering and Biomedical Engineering	1	0.00
14.0701	Chemical Engineering	1	0.00
14.0801	Civil Engineering, General	1	0.00
14.0901	Computer Engineering, General	1	0.00
14.0903	Computer Software Engineering	1	0.00
14.1301	Engineering Science	1	0.00
14.1401	Environmental/Environmental Health Engineering	1	0.00
14.1901	Mechanical Engineering	2	0.01
14.2701	Systems Engineering	1	0.00
15.0612	Industrial Technology/Technician	1	0.00
15.0805	Mechanical Engineering/Mechanical Technology/Technician	1	0.00
15.1501	Engineering/Industrial Management	2	0.01
16.0101	Foreign Languages and Literatures, General	2	0.01
16.0102	Linguistics	2	0.01
16.0103	Language Interpretation and Translation	1	0.00
16.0301	Chinese Language and Literature	4	0.02
16.0302	Japanese Language and Literature	3	0.01
16.0402	Russian Language and Literature	1	0.00
16.0500	Germanic Languages, Literatures, and Linguistics, General	5	0.02
16.0601	Modern Greek Language and Literature	1	0.00
16.0901	French Language and Literature	13	0.06
16.0902	Italian Language and Literature	6	0.03
16.0904	Portuguese Language and Literature	1	0.00
16.0905	Spanish Language and Literature	47	0.22
16.0908	Hispanic and Latin American Languages, Literatures, and Linguistics, General	1	0.00
16.1100	Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics, General	1	0.00
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	1	0.00
16.1202	Ancient/Classical Greek Language and Literature	1	0.00
16.1203	Latin Language and Literature	1	0.00
19.0499	Family and Consumer Economics and Related Services, Other	1	0.00
19.0504	Human Nutrition	1	0.00

19.0701	Human Development and Family Studies, General	1	0.00
19.0706	Child Development	3	0.01
19.0707	Family and Community Services	1	0.00
19.0799	Human Development, Family Studies, and Related Services, Other	1	0.00
22.0001	Pre-Law Studies	1	0.00
22.0101	Law	1	0.00
22.0205	Banking, Corporate, Finance, and Securities Law	1	0.00
22.0212	Intellectual Property Law	1	0.00
22.0301	Legal Administrative Assistant/Secretary	1	0.00
22.0302	Legal Assistant/Paralegal	3	0.01
22.0399	Legal Support Services, Other	1	0.00
22.9999	Legal Professions and Studies, Other	1	0.00
23.0101	English Language and Literature, General	23	0.11
23.1301	Writing, General	4	0.02
23.1302	Creative Writing	5	0.02
23.1303	Professional, Technical, Business, and Scientific Writing	2	0.01
23.1399	Rhetoric and Composition/Writing Studies, Other	1	0.00
23.1404	English Literature (British and Commonwealth)	1	0.00
24.0101	Liberal Arts and Sciences/Liberal Studies	5	0.02
24.0102	General Studies	5	0.02
24.0103	Humanities/Humanistic Studies	2	0.01
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	6	0.03
25.0102	Children and Youth Library Services	2	0.01
26.0101	Biology/Biological Sciences, General	21	0.10
26.0202	Biochemistry	3	0.01
26.0204	Molecular Biology	1	0.00
26.0210	Biochemistry and Molecular Biology	2	0.01
26.0403	Anatomy	1	0.00
26.0406	Cell/Cellular and Molecular Biology	1	0.00
26.0502	Microbiology, General	4	0.02
26.0908	Exercise Physiology	1	0.00
26.1102	Biostatistics	1	0.00
26.1201	Biotechnology	1	0.00
26.1301	Ecology	1	0.00
26.1302	Marine Biology and Biological Oceanography	2	0.01
26.1501	Neuroscience	2	0.01
27.0101	Mathematics, General	12	0.06
27.0301	Applied Mathematics, General	4	0.02
27.0501	Statistics, General	3	0.01
27.0502	Mathematical Statistics and Probability	1	0.00
29.0499	Military Systems and Maintenance Technology, Other	1	0.00

30.0000	Multi-/Interdisciplinary Studies, General	1	0.00
30.0501	Peace Studies and Conflict Resolution	1	0.00
30.0801	Mathematics and Computer Science	1	0.00
30.1201	Historic Preservation and Conservation	1	0.00
30.1202	Cultural Resource Management and Policy Analysis	1	0.00
30.1401	Museology/Museum Studies	1	0.00
30.1701	Behavioral Sciences	1	0.00
30.1801	Natural Sciences	1	0.00
30.2001	International/Global Studies	6	0.03
30.2202	Classical, Ancient Mediterranean and Near Eastern Studies and Archaeology	1	0.00
30.2301	Intercultural/Multicultural and Diversity Studies	1	0.00
30.2601	Cultural Studies/Critical Theory and Analysis	1	0.00
30.2701	Human Biology	1	0.00
30.3301	Sustainability Studies	1	0.00
31.0301	Parks, Recreation and Leisure Facilities Management, General	2	0.01
31.0302	Golf Course Operation and Grounds Management	1	0.00
31.0504	Sport and Fitness Administration/Management	1	0.00
31.0505	Kinesiology and Exercise Science	4	0.02
31.0601	Outdoor Education	1	0.00
38.0001	Philosophy and Religious Studies, General	1	0.00
38.0101	Philosophy	10	0.05
38.0201	Religion/Religious Studies	4	0.02
38.0206	Jewish/Judaic Studies	3	0.01
38.0299	Religion/Religious Studies, Other	3	0.01
39.0201	Bible/Biblical Studies	5	0.02
39.0601	Theology/Theological Studies	2	0.01
39.0702	Youth Ministry	1	0.00
40.0101	Physical Sciences	1	0.00
40.0402	Atmospheric Chemistry and Climatology	1	0.00
40.0501	Chemistry, General	13	0.06
40.0801	Physics, General	2	0.01
41.9999	Science Technologies/Technicians, Other	1	0.00
42.0101	Psychology, General	55	0.26
42.2701	Cognitive Psychology and Psycholinguistics	1	0.00
42.2703	Developmental and Child Psychology	1	0.00
42.2801	Clinical Psychology	1	0.00
42.2806	Educational Psychology	4	0.02
42.2812	Forensic Psychology	2	0.01
42.9999	Psychology, Other	1	0.00
43.0103	Criminal Justice/Law Enforcement Administration	4	0.02
43.0106	Forensic Science and Technology	2	0.01
43.0107	Criminal Justice/Police Science	1	0.00
43.0111	Criminalistics and Criminal Science	2	0.01

43.0112	Securities Services Administration/Management	1	0.00
43.0117	Financial Forensics and Fraud Investigation	1	0.00
43.0199	Corrections and Criminal Justice, Other	5	0.02
43.0301	Homeland Security	1	0.00
43.0302	Crisis/Emergency/Disaster Management	1	0.00
44.0000	Human Services, General	1	0.00
44.0401	Public Administration	1	0.00
44.0501	Public Policy Analysis, General	1	0.00
44.0599	Public Policy Analysis, Other	2	0.01
44.0701	Social Work	2	0.01
45.0101	Social Sciences, General	4	0.02
45.0201	Anthropology	11	0.05
45.0401	Criminology	4	0.02
45.0601	Economics, General	22	0.11
45.0602	Applied Economics	1	0.00
45.0604	Development Economics and International Development	1	0.00
45.0701	Geography	4	0.02
45.0702	Geographic Information Science and Cartography	2	0.01
45.0901	International Relations and Affairs	9	0.04
45.1001	Political Science and Government, General	36	0.17
45.1002	American Government and Politics (United States)	1	0.00
45.1099	Political Science and Government, Other	1	0.00
45.1101	Sociology	28	0.13
45.1201	Urban Studies/Affairs	1	0.00
46.0000	Construction Trades, General	1	0.00
47.0302	Heavy Equipment Maintenance Technology/Technician	1	0.00
47.0603	Autobody/Collision and Repair Technology/Technician	1	0.00
47.0605	Diesel Mechanics Technology/Technician	3	0.01
47.0617	High Performance and Custom Engine Technician/Mechanic	1	0.00
49.0105	Air Traffic Controller	1	0.00
49.0309	Marine Science/Merchant Marine Officer	1	0.00
50.0101	Visual and Performing Arts, General	3	0.01
50.0102	Digital Arts	3	0.01
50.0301	Dance, General	3	0.01
50.0407	Fashion/Apparel Design	1	0.00
50.0409	Graphic Design	3	0.01
50.0411	Game and Interactive Media Design	1	0.00
50.0499	Design and Applied Arts, Other	1	0.00
50.0501	Drama and Dramatics/Theatre Arts, General	4	0.02
50.0505	Theatre Literature, History and Criticism	1	0.00
50.0506	Acting	2	0.01
50.0509	Musical Theatre	1	0.00
50.0599	Dramatic/Theatre Arts and Stagecraft, Other	1	0.00

50.0601	Film/Cinema/Video Studies	2	0.01
50.0602	Cinematography and Film/Video Production	1	0.00
50.0605	Photography	2	0.01
50.0699	Film/Video and Photographic Arts, Other	1	0.00
50.0701	Art/Art Studies, General	7	0.03
50.0702	Fine/Studio Arts, General	6	0.03
50.0703	Art History, Criticism and Conservation	6	0.03
50.0799	Fine Arts and Art Studies, Other	1	0.00
50.0901	Music, General	3	0.01
50.0902	Music History, Literature, and Theory	1	0.00
50.0903	Music Performance, General	5	0.02
50.0904	Music Theory and Composition	1	0.00
50.0910	Jazz/Jazz Studies	1	0.00
50.1001	Arts, Entertainment,and Media Management, General	1	0.00
50.1003	Music Management	1	0.00
50.1004	Theatre/Theatre Arts Management	1	0.00
51.0000	Health Services/Allied Health/Health Sciences, General	1	0.00
51.0601	Dental Assisting/Assistant	1	0.00
51.0707	Health Information/Medical Records Technology/Technician	2	0.01
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	1	0.00
51.0810	Emergency Care Attendant (EMT Ambulance)	1	0.00
51.0899	Allied Health and Medical Assisting Services, Other	1	0.00
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3	0.01
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	1	0.00
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	1	0.00
51.1011	Renal/Dialysis Technologist/Technician	1	0.00
51.1101	Pre-Dentistry Studies	1	0.00
51.1102	Pre-Medicine/Pre-Medical Studies	7	0.03
51.1103	Pre-Pharmacy Studies	1	0.00
51.1109	Pre-Physical Therapy Studies	1	0.00
51.1501	Substance Abuse/Addiction Counseling	1	0.00
51.1503	Clinical/Medical Social Work	1	0.00
51.1505	Marriage and Family Therapy/Counseling	1	0.00
51.2202	Environmental Health	1	0.00
51.2206	Occupational Health and Industrial Hygiene	1	0.00
51.2207	Public Health Education and Promotion	5	0.02
51.2211	Health Services Administration	2	0.01
51.2212	Behavioral Aspects of Health	1	0.00
51.2310	Vocational Rehabilitation Counseling/Counselor	1	0.00

51.3300	Alternative and Complementary Medicine and Medical Systems, General	1	0.00
51.3801	Registered Nursing/Registered Nurse	2	0.01
51.3803	Adult Health Nurse/Nursing	1	0.00
51.3805	Family Practice Nurse/Nursing	2	0.01
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing	1	0.00
51.3808	Nursing Science	1	0.00
51.3814	Critical Care Nursing	1	0.00
51.3815	Occupational and Environmental Health Nursing	1	0.00
51.3818	Nursing Practice	1	0.00
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	1	0.00
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other	1	0.00
51.9999	Health Professions and Related Clinical Sciences, Other	4	0.02
52.0101	Business/Commerce, General	5	0.02
52.0201	Business Administration and Management, General	54	0.26
52.0203	Logistics, Materials, and Supply Chain Management	3	0.01
52.0204	Office Management and Supervision	1	0.00
52.0205	Operations Management and Supervision	1	0.00
52.0206	Non-Profit/Public/Organizational Management	2	0.01
52.0213	Organizational Leadership	3	0.01
52.0299	Business Administration, Management and Operations, Other	3	0.01
52.0301	Accounting	9	0.04
52.0303	Auditing	1	0.00
52.0304	Accounting and Finance	5	0.02
52.0305	Accounting and Business/Management	2	0.01
52.0401	Administrative Assistant and Secretarial Science, General	1	0.00
52.0407	Business/Office Automation/Technology/Data Entry	1	0.00
52.0501	Business/Corporate Communications	2	0.01
52.0601	Business/Managerial Economics	8	0.04
52.0701	Entrepreneurship/Entrepreneurial Studies	6	0.03
52.0801	Finance, General	20	0.10
52.0803	Banking and Financial Support Services	1	0.00
52.0808	Public Finance	1	0.00
52.0899	Finance and Financial Management Services, Other	2	0.01
52.0901	Hospitality Administration/Management, General	1	0.00
52.0903	Tourism and Travel Services Management	1	0.00
52.0905	Restaurant/Food Services Management	1	0.00
52.0909	Hotel, Motel, and Restaurant Management	1	0.00

52.1001	Human Resources Management/Personnel Administration, General	5	0.02
52.1005	Human Resources Development	2	0.01
52.1099	Human Resources Management and Services, Other	5	0.02
52.1101	International Business/Trade/Commerce	10	0.05
52.1201	Management Information Systems, General	2	0.01
52.1401	Marketing/Marketing Management, General	16	0.08
52.1402	Marketing Research	2	0.01
52.1403	International Marketing	2	0.01
52.1499	Marketing, Other	3	0.01
52.1501	Real Estate	1	0.00
52.1601	Taxation	1	0.00
52.1701	Insurance	3	0.01
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	5	0.02
52.1908	Business and Personal/Financial Services Marketing Operations	2	0.01
52.9999	Business, Management, Marketing, and Related Support Services, Other	5	0.02
54.0101	History, General	22	0.11
54.0102	American History (United States)	3	0.01
54.0105	Public/Applied History	1	0.00
54.0199	History, Other	5	0.02
60.0411	Diagnostic Radiology Residency Program	1	0.00
TOTALS		20951	100.00

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Variable name: F3ICREDTYPE_2

Record #1, Position:191 - 192, Format: N2.

Variable label: Credential #2 (additional cred from this inst): credential type

Variable description:

- If the respondent has earned more than one credential from the associated institution, F3ICREDTYPE_2 indicates the credential type for Credential #2. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM = 2.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
1	Undergraduate certificate or diploma	98	0.47
2	Associate's Degree	58	0.28
3	Bachelor's Degree	273	1.30
4	Post-baccalaureate certificate	4	0.02
5	Master's Degree	14	0.07

	Code		Frequency	Percentage
	-3	Item legitimate skip/NA	20364	97.20
	-9	Missing	140	0.67
	TOTALS		20951	100.00

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Variable name: F3ICREDDATE_2

Record #1, Position:193 - 198, Format: N6.

Variable label: Credential #2 (additional cred from this inst): year/month earned

Variable description:

 - If the respondent has earned more than one credential from the associated institution,
F3ICREDDATE_2 indicates the year and month the respondent earned Credential #2. See Chapter 7 of
the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding
variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and
credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where
F3ICREDNUM = 2.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code		Value Label	Frequency	Percentage
C		200401-201212	442	2.11
	-3	Item legitimate skip/NA	20364	97.20
	-9	Missing	145	0.69
	TOTALS		20951	100.00

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Variable name: F3ICREDFIELD_2

Record #1, Position:199 - 248, Format: A50

Variable label: Credential #2 (additional cred from this inst): field-of-study (verbatim)

Variable description:

 - If the respondent has earned more than one credential from the associated institution,
F3ICREDFIELD_2 indicates the primary field-of-study for Credential #2. See Chapter 7 of the
ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in
credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential
block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where
F3ICREDNUM = 2.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code		Value Label	Frequency	Percentage
Alpha		Alpha	451	2.15
	-3	Item legitimate skip/NA	20364	97.20
	-9	Missing	136	0.65
	TOTALS		20951	100.00

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Variable name: F3ICREDGEN_2

Record #1, Position:249 - 250, Format: A2

Variable label: Credential #2 (additional cred from this inst): field-of-study 2-digit code

Variable description:

 - If the respondent has earned more than one credential from the associated institution,
F3ICREDGEN_2 indicates the two-digit CIP code (Classification of Instructional Programs code) for the
primary field-of-study associated with Credential #2. CIP codes were assigned primarily by the survey
instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012
Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see
Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in
credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential
block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where
F3ICREDNUM = 2.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
01	Agriculture, Agriculture Operations, and Related Sciences	5	0.02
03	Natural Resources and Conservation	3	0.01
04	Architecture and Related Services	5	0.02
05	Area, Ethnic, Cultural, and Gender Studies	7	0.03
09	Communication, Journalism, and Related Programs	10	0.05
10	Communications Technologies/Technicians and Support Services	1	0.00
11	Computer and Information Sciences and Support Services	10	0.05
12	Personal and Culinary Services	3	0.01
13	Education	26	0.12
14	Engineering	20	0.10
15	Engineering Technologies/Technicians	6	0.03
16	Foreign Languages, Literatures, and Linguistics	12	0.06
19	Family and Consumer Sciences/Human Sciences	3	0.01
22	Legal Professions and Studies	5	0.02
23	English Language and Literature/Letters	10	0.05
24	Liberal Arts and Sciences, General Studies and Humanities	18	0.09
26	Biological and Biomedical Sciences	27	0.13
27	Mathematics and Statistics	7	0.03
30	Multi/Interdisciplinary Studies	11	0.05
31	Parks, Recreation, Leisure, and Fitness Studies	5	0.02
39	Theology and Religious Vocations	2	0.01
40	Physical Sciences	8	0.04

Code	Value Label	Frequency	Percentage
41	Science Technologies/Technicians	1	0.00
42	Psychology	16	0.08
43	Security and Protective Services	12	0.06
44	Public Administration and Social Service Professions	7	0.03
45	Social Sciences	24	0.11
46	Construction Trades	4	0.02
47	Mechanic and Repair Technologies/Technicians	7	0.03
48	Precision Production	2	0.01
50	Visual and Performing Arts	14	0.07
51	Health Professions and Related Clinical Sciences	63	0.30
52	Business, Management, Marketing, and Related Support Services	84	0.40
54	History	11	0.05
-3	Item legitimate skip/NA	20364	97.20
-9	Missing	138	0.66
TOTALS		20951	100.00

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Variable name: F3ICREDSPEC_2

Record #1, Position:251 - 257, Format: A7

Variable label: Credential #2 (additional cred from this inst): field-of-study 6-digit code

Variable description:

 - If the respondent has earned more than one credential from the associated institution, F3ICREDGEN_2 indicates the six-digit CIP code (Classification of Instructional Programs code) for the primary field-of-study associated with Credential #2. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM >= 2.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
-3	Item legitimate skip/NA	20364	97.20
-9	Missing	140	0.67
01.0101	Agricultural Business and Management, General	1	0.00
01.0103	Agricultural Economics	1	0.00
01.0901	Animal Sciences, General	3	0.01
03.0103	Environmental Studies	3	0.01
04.0201	Architecture	4	0.02
04.0301	City/Urban, Community and Regional Planning	1	0.00

Code	Value Label	Frequency	Percentage
05.0102	American/United States Studies/Civilization	2	0.01
05.0104	East Asian Studies	2	0.01
05.0107	Latin American Studies	1	0.00
05.0108	Near and Middle Eastern Studies	1	0.00
05.0208	Gay/Lesbian Studies	1	0.00
09.0100	Communication, General	2	0.01
09.0199	Communication and Media Studies, Other	1	0.00
09.0401	Journalism	2	0.01
09.0900	Public Relations, Advertising, and Applied Communication	1	0.00
09.0903	Advertising	1	0.00
09.0908	Technical and Scientific Communication	1	0.00
09.0999	Public Relations, Advertising, and Applied Communication, Other	1	0.00
09.1001	Publishing	1	0.00
10.0202	Radio and Television Broadcasting Technology/Technician	1	0.00
11.0103	Information Technology	2	0.01
11.0299	Computer Programming, Other	1	0.00
11.0701	Computer Science	4	0.02
11.0801	Web Page, Digital/Multimedia and Information Resources Design	1	0.00
11.1001	Network and System Administration/Administrator	1	0.00
11.1099	Computer/Information Technology Services Administration and Management, Other	1	0.00
12.0401	Cosmetology/Cosmetologist, General	1	0.00
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	1	0.00
12.0503	Culinary Arts/Chef Training	1	0.00
13.0101	Education, General	2	0.01
13.0201	Bilingual and Multilingual Education	1	0.00
13.0406	Higher Education/Higher Education Administration	1	0.00
13.0501	Educational/Instructional Technology	1	0.00
13.1001	Special Education and Teaching, General	2	0.01
13.1017	Education/Teaching of Individuals in Elementary Special Education Programs	1	0.00
13.1018	Education/Teaching of Individuals in Junior High/Middle School Special Education Programs	1	0.00
13.1099	Special Education and Teaching, Other	1	0.00
13.1202	Elementary Education and Teaching	5	0.02
13.1205	Secondary Education and Teaching	2	0.01
13.1210	Early Childhood Education and Teaching	3	0.01
13.1303	Business Teacher Education	1	0.00
13.1305	English/Language Arts Teacher Education	3	0.01
13.1312	Music Teacher Education	1	0.00
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor	1	0.00
14.0101	Engineering, General	1	0.00

14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering	1	0.00
14.0501	Bioengineering and Biomedical Engineering	2	0.01
14.0701	Chemical Engineering	1	0.00
14.0801	Civil Engineering, General	1	0.00
14.0901	Computer Engineering, General	1	0.00
14.0903	Computer Software Engineering	1	0.00
14.1001	Electrical and Electronics Engineering	2	0.01
14.1401	Environmental/Environmental Health Engineering	2	0.01
14.1901	Mechanical Engineering	5	0.02
14.3501	Industrial Engineering	2	0.01
14.4501	Biological/Biosystems Engineering	1	0.00
15.0201	Civil Engineering Technology/Technician	1	0.00
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	1	0.00
15.0503	Energy Management and Systems Technology/Technician	1	0.00
15.0613	Manufacturing Engineering Technology/Technician	1	0.00
15.0703	Industrial Safety Technology/Technician	1	0.00
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1	0.00
16.0102	Linguistics	1	0.00
16.0104	Comparative Literature	1	0.00
16.0201	African Languages, Literatures, and Linguistics	1	0.00
16.0302	Japanese Language and Literature	1	0.00
16.0402	Russian Language and Literature	1	0.00
16.0901	French Language and Literature	2	0.01
16.0905	Spanish Language and Literature	4	0.02
16.9999	Foreign Languages, Literatures, and Linguistics, Other	1	0.00
19.0706	Child Development	3	0.01
22.0000	Legal Studies, General	1	0.00
22.0101	Law	1	0.00
22.0205	Banking, Corporate, Finance, and Securities Law	1	0.00
22.0302	Legal Assistant/Paralegal	2	0.01
23.0101	English Language and Literature, General	9	0.04
23.1303	Professional, Technical, Business, and Scientific Writing	1	0.00
24.0101	Liberal Arts and Sciences/Liberal Studies	5	0.02
24.0102	General Studies	6	0.03
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	7	0.03
26.0101	Biology/Biological Sciences, General	14	0.07
26.0202	Biochemistry	3	0.01
26.0210	Biochemistry and Molecular Biology	1	0.00
26.0406	Cell/Cellular and Molecular Biology	3	0.01
26.0407	Cell Biology and Anatomy	1	0.00

26.0909	Vision Science/Physiological Optics	1	0.00
26.1201	Biotechnology	1	0.00
26.1501	Neuroscience	1	0.00
26.1599	Neurobiology and Neurosciences, Other	2	0.01
27.0101	Mathematics, General	6	0.03
27.0199	Mathematics, Other	1	0.00
30.0000	Multi-/Interdisciplinary Studies, General	4	0.02
30.1801	Natural Sciences	2	0.01
30.1901	Nutrition Sciences	1	0.00
30.2001	International/Global Studies	2	0.01
30.2202	Classical, Ancient Mediterranean and Near Eastern Studies and Archaeology	1	0.00
30.2701	Human Biology	1	0.00
31.0505	Kinesiology and Exercise Science	3	0.01
31.9999	Parks, Recreation, Leisure, and Fitness Studies, Other	1	0.00
39.0201	Bible/Biblical Studies	2	0.01
40.0501	Chemistry, General	2	0.01
40.0601	Geology/Earth Science, General	2	0.01
40.0801	Physics, General	3	0.01
40.9999	Physical Sciences, Other	1	0.00
41.0299	Nuclear and Industrial Radiologic Technologies/Technicians, Other	1	0.00
42.0101	Psychology, General	9	0.04
42.2703	Developmental and Child Psychology	1	0.00
42.2804	Industrial and Organizational Psychology	1	0.00
42.2805	School Psychology	2	0.01
42.2806	Educational Psychology	1	0.00
42.2810	Health/Medical Psychology	1	0.00
42.9999	Psychology, Other	1	0.00
43.0102	Corrections	1	0.00
43.0103	Criminal Justice/Law Enforcement Administration	4	0.02
43.0104	Criminal Justice/Safety Studies	2	0.01
43.0107	Criminal Justice/Police Science	1	0.00
43.0117	Financial Forensics and Fraud Investigation	1	0.00
43.0199	Corrections and Criminal Justice, Other	1	0.00
43.0203	Fire Science/Fire-fighting	1	0.00
43.0206	Wildland/Forest Firefighting and Investigation	1	0.00
44.0000	Human Services, General	1	0.00
44.0201	Community Organization and Advocacy	1	0.00
44.0501	Public Policy Analysis, General	1	0.00
44.0701	Social Work	4	0.02
45.0101	Social Sciences, General	3	0.01
45.0201	Anthropology	1	0.00
45.0401	Criminology	2	0.01
45.0702	Geographic Information Science and Cartography	1	0.00

45.0901	International Relations and Affairs	1	0.00
45.1001	Political Science and Government, General	7	0.03
45.1004	Political Economy	1	0.00
45.1101	Sociology	6	0.03
45.9999	Social Sciences, Other	1	0.00
46.0101	Mason/Masonry	1	0.00
46.0399	Electrical and Power Transmission Installers, Other	1	0.00
46.0412	Building/Construction Site Management/Manager	1	0.00
46.9999	Construction Trades, Other	1	0.00
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	0.00
47.0604	Automobile/Automotive Mechanics Technology/Technician	5	0.02
47.0605	Diesel Mechanics Technology/Technician	1	0.00
48.0508	Welding Technology/Welder	2	0.01
50.0101	Visual and Performing Arts, General	1	0.00
50.0102	Digital Arts	1	0.00
50.0401	Design and Visual Communications, General	1	0.00
50.0407	Fashion/Apparel Design	2	0.01
50.0409	Graphic Design	1	0.00
50.0501	Drama and Dramatics/Theatre Arts, General	1	0.00
50.0701	Art/Art Studies, General	1	0.00
50.0702	Fine/Studio Arts, General	1	0.00
50.0713	Metal and Jewelry Arts	1	0.00
50.0903	Music Performance, General	1	0.00
50.0904	Music Theory and Composition	1	0.00
50.0999	Music, Other	1	0.00
50.1003	Music Management	1	0.00
51.0000	Health Services/Allied Health/Health Sciences, General	4	0.02
51.0001	Health and Wellness, General	1	0.00
51.0201	Communication Sciences and Disorders, General	3	0.01
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist	1	0.00
51.0299	Communication Disorders Sciences and Services, Other	1	0.00
51.0601	Dental Assisting/Assistant	1	0.00
51.0712	Medical Reception/Receptionist	1	0.00
51.0713	Medical Insurance Coding Specialist/Coder	2	0.01
51.0801	Medical/Clinical Assistant	2	0.01
51.0810	Emergency Care Attendant (EMT Ambulance)	2	0.01
51.0899	Allied Health and Medical Assisting Services, Other	1	0.00
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6	0.03
51.0908	Respiratory Care Therapy/Therapist	2	0.01

51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	1	0.00
51.0911	Radiologic Technology/Science - Radiographer	2	0.01
51.0913	Athletic Training/Trainer	1	0.00
51.1009	Phlebotomy Technician/Phlebotomist	2	0.01
51.1011	Renal/Dialysis Technologist/Technician	1	0.00
51.1107	Pre-Occupational Therapy Studies	2	0.01
51.2001	Pharmacy	2	0.01
51.2010	Pharmaceutical Sciences	1	0.00
51.2201	Public Health, General	1	0.00
51.2208	Community Health and Preventive Medicine	1	0.00
51.2306	Occupational Therapy/Therapist	2	0.01
51.2314	Rehabilitation Science	1	0.00
51.3102	Clinical Nutrition/Nutritionist	1	0.00
51.3801	Registered Nursing/Registered Nurse	5	0.02
51.3816	Emergency Room/Trauma Nursing	1	0.00
51.3821	Geriatric Nurse/Nursing	1	0.00
51.3901	Licensed Practical/Vocational Nurse Training	1	0.00
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9	0.04
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other	1	0.00
52.0101	Business/Commerce, General	1	0.00
52.0201	Business Administration and Management, General	19	0.09
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management	1	0.00
52.0206	Non-Profit/Public/Organizational Management	1	0.00
52.0207	Customer Service Management	1	0.00
52.0210	Research and Development Management	1	0.00
52.0301	Accounting	31	0.15
52.0304	Accounting and Finance	2	0.01
52.0305	Accounting and Business/Management	2	0.01
52.0401	Administrative Assistant and Secretarial Science, General	1	0.00
52.0408	General Office Occupations and Clerical Services	1	0.00
52.0501	Business/Corporate Communications	1	0.00
52.0701	Entrepreneurship/Entrepreneurial Studies	1	0.00
52.0703	Small Business Administration/Management	1	0.00
52.0801	Finance, General	6	0.03
52.0901	Hospitality Administration/Management, General	1	0.00
52.1002	Labor and Industrial Relations	1	0.00
52.1005	Human Resources Development	1	0.00
52.1101	International Business/Trade/Commerce	1	0.00
52.1401	Marketing/Marketing Management, General	5	0.02

52.1403	International Marketing	1	0.00
52.1499	Marketing, Other	2	0.01
52.1501	Real Estate	1	0.00
52.9999	Business, Management, Marketing, and Related Support Services, Other	1	0.00
54.0101	History, General	9	0.04
54.0102	American History (United States)	1	0.00
54.0199	History, Other	1	0.00
TOTALS		20951	100.00

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Variable name: F3ICREDDBLMAJ_2

Record #1, Position:258 - 259, Format: N2.

Variable label: Credential #2 (additional cred from this inst): double major indicator

Variable description:

 - If the respondent has earned more than one credential from the associated institution, F3ICREDDBLMAJ_2 indicates whether the respondent had a secondary field-of-study for Credential #2. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM = 2 and F3CREDTYPE_2 <> 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
0	No	255	1.22
1	Yes	66	0.32
-3	Item legitimate skip/NA	20462	97.67
-9	Missing	168	0.80
TOTALS		20951	100.00

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Variable name: F3ICREDFIELD2_2

Record #1, Position:260 - 309, Format: A50

Variable label: Credential #2 (additional cred from this inst): 2nd maj fld-of-study (verbatim)

Variable description:

 - If the respondent has earned more than one credential from the associated institution, F3ICREDFIELD2_2 indicates the respondent's secondary field-of-study for Credential #2. See Chapter 7 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM = 2 and F3ICREDDBLMAJ_2 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
Alpha	Alpha	65	0.31
-3	Item legitimate skip/NA	20717	98.88
-9	Missing	169	0.81
TOTALS		20951	100.00

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Variable name: F3ICREDGEN2_2

Record #1, Position:310 - 311, Format: A2

Variable label: Credntl #2 (additional cred from this inst): 2nd maj fld-of-study 2-digit code

Variable description:

 - If the respondent has earned more than one credential from the associated institution, F3ICREDGEN2_2 indicates the two-digit CIP (Classification of Instructional Programs) code for the secondary field-of-study associated with Credential #2. CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM = 2 and F3ICREDDBLMAJ_2 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
01	Agriculture, Agriculture Operations, and Related Sciences	1	0.00
04	Architecture and Related Services	2	0.01
05	Area, Ethnic, Cultural, and Gender Studies	2	0.01

Code		Frequency	Percentage
09	Communication, Journalism, and Related Programs	3	0.01
10	Communications Technologies/Technicians and Support Services	1	0.00
11	Computer and Information Sciences and Support Services	1	0.00
12	Personal and Culinary Services	1	0.00
13	Education	4	0.02
15	Engineering Technologies/Technicians	1	0.00
16	Foreign Languages, Literatures, and Linguistics	5	0.02
19	Family and Consumer Sciences/Human Sciences	1	0.00
23	English Language and Literature/Letters	4	0.02
26	Biological and Biomedical Sciences	2	0.01
27	Mathematics and Statistics	2	0.01
38	Philosophy and Religious Studies	2	0.01
40	Physical Sciences	5	0.02
42	Psychology	5	0.02
44	Public Administration and Social Service Professions	1	0.00
45	Social Sciences	7	0.03
50	Visual and Performing Arts	5	0.02
51	Health Professions and Related Clinical Sciences	1	0.00
52	Business, Management, Marketing, and Related Support Services	7	0.03
54	History	1	0.00
-3	Item legitimate skip/NA	20717	98.88
-9	Missing	170	0.81
TOTALS		20951	100.00

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Variable name: F3ICREDSPEC2_2

Record #1, Position:312 - 318, Format: A7

Variable label: Credntl #2 (additional cred from this inst): 2nd maj fld-of-study 6-digit code

Variable description:

 - If the respondent has earned more than one credential from the associated institution, F3ICREDGEN2_2 indicates the six-digit CIP (Classification of Instructional Programs) code for the secondary field-of-study associated with Credential #2 (additional credential from the associated institution). CIP codes were assigned primarily by the survey instrument assisted coder, supplemented by upcoding activities. See Chapter 5 of the ELS:2002/2012 Data File Documentation (NCES 2014-364) for further information regarding upcoding activities; see Chapter 7 of the ELS:2002/2012 Data File Documentation for further information regarding variables in credential block #1 (i.e., variables following the naming convention "F3ICREDxxxx_1") and credential block #2 (i.e., variables following the naming convention "F3ICREDxxxx_2").

Applies to: Student-institution pairings on the ELS:2002 third follow-up student-institution file where F3ICREDNUM = 2 and F3ICREDDBLMAJ_2 = 1.

Source: ELS:2002 Third follow-up questionnaire.

Comment: Variable suppressed with -5 values on the public use file.

Code	Value Label	Frequency	Percentage
-3	Item legitimate skip/NA	20717	98.88
-9	Missing	170	0.81
01.0901	Animal Sciences, General	1	0.00
04.0301	City/Urban, Community and Regional Planning	1	0.00
04.0901	Architectural Technology/Technician	1	0.00
05.0101	African Studies	1	0.00
05.0106	European Studies/Civilization	1	0.00
09.0100	Communication, General	1	0.00
09.0102	Mass Communication/Media Studies	1	0.00
09.0401	Journalism	1	0.00
10.0301	Graphic Communications, General	1	0.00
11.0701	Computer Science	1	0.00
12.0500	Cooking and Related Culinary Arts, General	1	0.00
13.1006	Education/Teaching of Individuals with Mental Retardation	1	0.00
13.1202	Elementary Education and Teaching	2	0.01
13.1318	Social Studies Teacher Education	1	0.00
15.1501	Engineering/Industrial Management	1	0.00
16.0901	French Language and Literature	1	0.00
16.0905	Spanish Language and Literature	3	0.01
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	1	0.00
19.0203	Consumer Merchandising/Retailing Management	1	0.00
23.0101	English Language and Literature, General	4	0.02
26.0101	Biology/Biological Sciences, General	1	0.00

26.0502	Microbiology, General	1	0.00
27.0101	Mathematics, General	2	0.01
38.0101	Philosophy	1	0.00
38.0299	Religion/Religious Studies, Other	1	0.00
40.0501	Chemistry, General	2	0.01
40.0801	Physics, General	2	0.01
40.0809	Acoustics	1	0.00
42.0101	Psychology, General	4	0.02
42.2804	Industrial and Organizational Psychology	1	0.00
44.0000	Human Services, General	1	0.00
45.0201	Anthropology	1	0.00
45.0601	Economics, General	4	0.02
45.0701	Geography	1	0.00
45.1101	Sociology	1	0.00
50.0411	Game and Interactive Media Design	1	0.00
50.0702	Fine/Studio Arts, General	1	0.00
50.0703	Art History, Criticism and Conservation	2	0.01
50.0903	Music Performance, General	1	0.00
51.1109	Pre-Physical Therapy Studies	1	0.00
52.0101	Business/Commerce, General	1	0.00
52.0201	Business Administration and Management, General	1	0.00
52.0301	Accounting	1	0.00
52.0801	Finance, General	1	0.00
52.1101	International Business/Trade/Commerce	1	0.00
52.1201	Management Information Systems, General	1	0.00
52.1909	Special Products Marketing Operations	1	0.00
54.0102	American History (United States)	1	0.00
TOTALS		20951	100.00