

ICPSR 21600

**National Longitudinal Study of
Adolescent to Adult Health (Add
Health), 1994-2008 [Public Use]**

Kathleen Mullan Harris

University of North Carolina-Chapel Hill

J. Richard Udry

University of North Carolina-Chapel Hill

Wave III: Public Use Education Data

Inter-university Consortium for
Political and Social Research
P.O. Box 1248
Ann Arbor, Michigan 48106
www.icpsr.umich.edu

Terms of Use

The terms of use for this study can be found at:
<http://www.icpsr.umich.edu/icpsrweb/ICPSR/studies//terms>

Information about Copyrighted Content

Some instruments administered as part of this study may contain in whole or substantially in part contents from copyrighted instruments. Reproductions of the instruments are provided as documentation for the analysis of the data associated with this collection. Restrictions on "fair use" apply to all copyrighted content. More information about the reproduction of copyrighted works by educators and librarians is available from the United States Copyright Office.

NOTICE
WARNING CONCERNING COPYRIGHT RESTRICTIONS

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted material. Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that user may be liable for copyright infringement.

ICPSR PROCESSING NOTES FOR #21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008
[Public Use]

DS16: Wave III: Public Use Education Data

- 1. Duplicate Value Labels:** Variable **ELYEAR4** features a duplicate value label of "1999-2000" for values '1999' and '2000'. No information was provided.
- 2. Truncated Value Labels:** Due to limitations in the statistical packages, a number of variables feature truncated value labels. Please see the P.I. Codebook/Questionnaire for full value labels.

ICPSR 21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008 [Public Use]

Variable Description and Frequencies

Note: Frequencies displayed for the variables are not weighted. They are purely descriptive and may not be representative of the study population. Please review any sampling or weighting information available with the study.

Summary statistics (minimum, maximum, mean, median, and standard deviation) may not be available for every variable in the codebook. Conversely, a listing of frequencies in table format may not be present for every variable in the codebook either. However, all variables in the dataset are present and display sufficient information about each variable. These decisions are made intentionally and are at the discretion of the archive producing this codebook.

Wave III: Public Use Education Data

AID: RESPONDENT IDENTIFIER

Respondent Identifier

Based upon 3,947 valid cases out of 3,947 total cases.

Location: 1-8 (width: 8; decimal: 0)

Variable Type: character

ELYEAR1: 1ST YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|--------------|------------------|----------------------|-------------|
| 1987 | (1987) 1987-1988 | 1 | 0.0 % |
| 1988 | (1988) 1988-1989 | 3 | 0.1 % |
| 1989 | (1989) 1989-1990 | 3 | 0.1 % |
| 1990 | (1990) 1990-1991 | 20 | 0.5 % |
| 1991 | (1991) 1991-1992 | 590 | 14.9 % |
| 1992 | (1992) 1992-1993 | 707 | 17.9 % |
| 1993 | (1993) 1993-1994 | 686 | 17.4 % |
| 1994 | (1994) 1994-1995 | 661 | 16.7 % |
| 1995 | (1995) 1995-1996 | 597 | 15.1 % |
| 1996 | (1996) 1996-1997 | 637 | 16.1 % |
| 1997 | (1997) 1997-1998 | 27 | 0.7 % |
| 1998 | (1998) 1998-1999 | 4 | 0.1 % |
| 1999 | (1999) 1999-2000 | 11 | 0.3 % |
| Total | | 3,947 | 100% |

Based upon 3,947 valid cases out of 3,947 total cases.

- Minimum: 1987.00
- Maximum: 1999.00

Location: 9-12 (width: 4; decimal: 0)

Variable Type: numeric

ELYEAR2: 2ND YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|-------|------------------|----------------------|-------|
| 1989 | (1989) 1989-1990 | 3 | 0.1 % |
| 1990 | (1990) 1990-1991 | 3 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 1991 | (1991) 1991-1992 | 20 | 0.5 % |
| 1992 | (1992) 1992-1993 | 590 | 14.9 % |
| 1993 | (1993) 1993-1994 | 705 | 17.9 % |
| 1994 | (1994) 1994-1995 | 677 | 17.2 % |
| 1995 | (1995) 1995-1996 | 638 | 16.2 % |
| 1996 | (1996) 1996-1997 | 579 | 14.7 % |
| 1997 | (1997) 1997-1998 | 613 | 15.5 % |
| 1998 | (1998) 1998-1999 | 17 | 0.4 % |
| 1999 | (1999) 1999-2000 | 2 | 0.1 % |
| Missing Data | | | |
| 9992 | (9992) No course taking data in Year 2 | 100 | 2.5 % |
| Total | | 3,947 | 100% |

Based upon 3,847 valid cases out of 3,947 total cases.

- Minimum: 1989.00
- Maximum: 1999.00

Location: 13-16 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992

ELYEAR3: 3RD YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 1990 | (1990) 1990-1991 | 3 | 0.1 % |
| 1991 | (1991) 1991-1992 | 3 | 0.1 % |
| 1992 | (1992) 1992-1993 | 20 | 0.5 % |
| 1993 | (1993) 1993-1994 | 588 | 14.9 % |
| 1994 | (1994) 1994-1995 | 692 | 17.5 % |
| 1995 | (1995) 1995-1996 | 649 | 16.4 % |
| 1996 | (1996) 1996-1997 | 615 | 15.6 % |
| 1997 | (1997) 1997-1998 | 549 | 13.9 % |
| 1998 | (1998) 1998-1999 | 587 | 14.9 % |
| 1999 | (1999) 1999-2000 | 12 | 0.3 % |
| Missing Data | | | |
| 9992 | (9992) No course taking data in Year 3 | 229 | 5.8 % |
| Total | | 3,947 | 100% |

Based upon 3,718 valid cases out of 3,947 total cases.

- Minimum: 1990.00
- Maximum: 1999.00

Location: 17-20 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992

ELYEAR4: 4TH YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 1991 | (1991) 1991-1992 | 3 | 0.1 % |
| 1992 | (1992) 1992-1993 | 3 | 0.1 % |
| 1993 | (1993) 1993-1994 | 19 | 0.5 % |
| 1994 | (1994) 1994-1995 | 568 | 14.4 % |
| 1995 | (1995) 1995-1996 | 656 | 16.6 % |
| 1996 | (1996) 1996-1997 | 616 | 15.6 % |
| 1997 | (1997) 1997-1998 | 578 | 14.6 % |
| 1998 | (1998) 1998-1999 | 520 | 13.2 % |
| 1999 | (1999) 1999-2000 | 550 | 13.9 % |
| 2000 | (2000) 1999-2000 | 2 | 0.1 % |
| Missing Data | | | |
| 9992 | (9992) No course taking data in Year 4 | 432 | 10.9 % |
| Total | | 3,947 | 100% |

Based upon 3,515 valid cases out of 3,947 total cases.

- Minimum: 1991.00
- Maximum: 2000.00

Location: 21-24 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992

ELYEAR5: 5TH YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|-------|------------------|----------------------|-------|
| 1992 | (1992) 1992-1993 | 3 | 0.1 % |
| 1993 | (1993) 1993-1994 | 2 | 0.1 % |
| 1994 | (1994) 1994-1995 | 15 | 0.4 % |
| 1995 | (1995) 1995-1996 | 34 | 0.9 % |
| 1996 | (1996) 1996-1997 | 30 | 0.8 % |
| 1997 | (1997) 1997-1998 | 34 | 0.9 % |

| Value | Label | Unweighted Frequency | % |
|-------|--|----------------------|-------------|
| 1998 | (1998) 1998-1999 | 26 | 0.7 % |
| 1999 | (1999) 1999-2000 | 20 | 0.5 % |
| | Missing Data | | |
| 9992 | (9992) No course taking data in Year 5 | 3783 | 95.8 % |
| | Total | 3,947 | 100% |

Based upon 164 valid cases out of 3,947 total cases.

- Minimum: 1992.00
- Maximum: 1999.00

Location: 25-28 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992

ELYEAR6: 6TH YR OF HIGH SCHOOL COURSE-TAKING

School years of students' course taking in high school, beginning with their 1st and continuing through their 2nd, 3rd, and 4th. Students with more than four years of high school course taking have valid values for ELYEAR5 and in a few cases, ELYEAR6.

| Value | Label | Unweighted Frequency | % |
|-------|--|----------------------|-------------|
| 1993 | (1993) 1993-1994 | 2 | 0.1 % |
| 1994 | (1994) 1994-1995 | 2 | 0.1 % |
| 1995 | (1995) 1995-1996 | 4 | 0.1 % |
| 1996 | (1996) 1996-1997 | 6 | 0.2 % |
| 1997 | (1997) 1997-1998 | 11 | 0.3 % |
| 1998 | (1998) 1998-1999 | 7 | 0.2 % |
| 1999 | (1999) 1999-2000 | 6 | 0.2 % |
| | Missing Data | | |
| 9992 | (9992) No course taking data in Year 6 | 3909 | 99.0 % |
| | Total | 3,947 | 100% |

Based upon 38 valid cases out of 3,947 total cases.

- Minimum: 1993.00
- Maximum: 1999.00

Location: 29-32 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992

ELMAT945: MATCH BETWEEN EAYEAR1-6 AND 1994-95

Match between student's course-taking years (ELYEAR1-6) and the school year 1994-95.

| Value | Label | Unweighted Frequency | % |
|-------|--------------------|----------------------|--------|
| 1 | (1) Year 1=1994-95 | 661 | 16.7 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 2 | (2) Year 2=1994-95 | 677 | 17.2 % |
| 3 | (3) Year 3=1994-95 | 692 | 17.5 % |
| 4 | (4) Year 4=1994-95 | 568 | 14.4 % |
| 5 | (5) Year 5=1994-95 | 15 | 0.4 % |
| 6 | (6) Year 6=1994-95 | 4 | 0.1 % |
| Missing Data | | | |
| 9993 | (9993) Year 1 after 1994-95 | 1276 | 32.3 % |
| 9994 | (9994) Last year of course-taking before 1995-96 | 54 | 1.4 % |
| Total | | 3,947 | 100% |

Based upon 2,617 valid cases out of 3,947 total cases.

- Minimum: 1.00
- Maximum: 6.00

Location: 33-36 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993 , 9994

ELGLV945: MEAN GRADE LEVEL OF COURSES IN 1994-95

Students' high school grade level for the school year 1994-95, calculated as the mean grade level of all courses listed on their transcript for that school year.

| Value | Label | Unweighted Frequency | % |
|-------|-----------------|----------------------|--------|
| 9.0 | (9) 9th grade | 652 | 16.5 % |
| 9.1 | - | 20 | 0.5 % |
| 9.2 | - | 2 | 0.1 % |
| 9.5 | - | 4 | 0.1 % |
| 9.9 | - | 2 | 0.1 % |
| 10.0 | (10) 10th grade | 659 | 16.7 % |
| 10.1 | - | 18 | 0.5 % |
| 10.2 | - | 1 | 0.0 % |
| 10.3 | - | 4 | 0.1 % |
| 10.4 | - | 1 | 0.0 % |
| 10.5 | - | 1 | 0.0 % |
| 10.7 | - | 1 | 0.0 % |
| 10.8 | - | 1 | 0.0 % |
| 11.0 | (11) 11th grade | 667 | 16.9 % |
| 11.1 | - | 19 | 0.5 % |
| 11.4 | - | 1 | 0.0 % |
| 11.5 | - | 2 | 0.1 % |
| 11.6 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|--------|---|----------------------|-------------|
| 11.7 | - | 1 | 0.0 % |
| 11.8 | - | 2 | 0.1 % |
| 11.9 | - | 3 | 0.1 % |
| 12.0 | (12) 12th grade | 550 | 13.9 % |
| | Missing Data | | |
| 9993.0 | (9993) Year 1 after 1994-1995 | 1276 | 32.3 % |
| 9994.0 | (9994) Last year of course-taking data before 1994-95 | 54 | 1.4 % |
| 9995.0 | (9995) No courses recorded in 1994-95 | 5 | 0.1 % |
| | Total | 3,947 | 100% |

Based upon 2,612 valid cases out of 3,947 total cases.

- Mean: 10.44
- Median: 10.00
- Mode: 11.00
- Minimum: 9.00
- Maximum: 12.00
- Standard Deviation: 1.09

Location: 37-42 (width: 6; decimal: 1)

Variable Type: numeric

(Range of) Missing Values: 9993.0, 9994.0, 9995.0

ELY1NINE: GRADE LEVEL YEAR1

Dichotomous variable indicating whether or not students' 1st of course taking (ELYEAR1) corresponds to their 9th grade year, as indicated by the mean grade level of courses listed on their transcript in that year.

| Value | Label | Unweighted Frequency | % |
|-------|--|----------------------|-------------|
| 0 | (0) Mean grade level of year 1 courses greater than/equal to | 68 | 1.7 % |
| 1 | (1) Mean grade level of year 1 course between 9 and 10 | 3879 | 98.3 % |
| | Total | 3,947 | 100% |

Based upon 3,947 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 1.00

Location: 43-43 (width: 1; decimal: 0)

Variable Type: numeric

EAMSQ1: MATH SEQUENCE LEVEL YEAR1

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|-------|-------------|----------------------|-------|
| 0 | (0) No math | 93 | 2.4 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 1 | (1) Basic/remedial math | 192 | 4.9 % |
| 2 | (2) General/applied math | 422 | 10.7 % |
| 3 | (3) Pre-algebra | 482 | 12.2 % |
| 4 | (4) Algebra I | 1979 | 50.1 % |
| 5 | (5) Geometry | 541 | 13.7 % |
| 6 | (6) Algebra II | 167 | 4.2 % |
| 7 | (7) Advanced math | 20 | 0.5 % |
| 8 | (8) Pre-calculus | 16 | 0.4 % |
| 9 | (9) Calculus | 3 | 0.1 % |
| Missing Data | | | |
| 9993 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,915 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 44-47 (*width:* 4; *decimal:* 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EAMSQ2: MATH SEQUENCE LEVEL YEAR2

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 118 | 3.0 % |
| 1 | (1) Basic/remedial math | 117 | 3.0 % |
| 2 | (2) General/applied math | 305 | 7.7 % |
| 3 | (3) Pre-algebra | 154 | 3.9 % |
| 4 | (4) Algebra I | 825 | 20.9 % |
| 5 | (5) Geometry | 1358 | 34.4 % |
| 6 | (6) Algebra II | 722 | 18.3 % |
| 7 | (7) Advanced math | 78 | 2.0 % |
| 8 | (8) Pre-calculus | 133 | 3.4 % |
| 9 | (9) Calculus | 14 | 0.4 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993 | (9993) No math courses on transcript in any year | 11 | 0.3 % |
| Total | | 3,947 | 100% |

Based upon 3,824 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 48-51 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EAMSQ3: MATH SEQUENCE LEVEL YEAR3

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 342 | 8.7 % |
| 1 | (1) Basic/remedial math | 68 | 1.7 % |
| 2 | (2) General/applied math | 262 | 6.6 % |
| 3 | (3) Pre-algebra | 78 | 2.0 % |
| 4 | (4) Algebra I | 341 | 8.6 % |
| 5 | (5) Geometry | 706 | 17.9 % |
| 6 | (6) Algebra II | 935 | 23.7 % |
| 7 | (7) Advanced math | 193 | 4.9 % |
| 8 | (8) Pre-calculus | 717 | 18.2 % |
| 9 | (9) Calculus | 47 | 1.2 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993 | (9993) No math courses on transcript in any year | 10 | 0.3 % |
| Total | | 3,947 | 100% |

Based upon 3,689 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 52-55 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EAMSQ4: MATH SEQUENCE LEVEL YEAR4

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|-------|--------------------------|----------------------|--------|
| 0 | (0) No math | 1178 | 29.8 % |
| 1 | (1) Basic/remedial math | 54 | 1.4 % |
| 2 | (2) General/applied math | 294 | 7.4 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 3 | (3) Pre-algebra | 23 | 0.6 % |
| 4 | (4) Algebra I | 139 | 3.5 % |
| 5 | (5) Geometry | 248 | 6.3 % |
| 6 | (6) Algebra II | 341 | 8.6 % |
| 7 | (7) Advanced math | 236 | 6.0 % |
| 8 | (8) Pre-calculus | 606 | 15.4 % |
| 9 | (9) Calculus | 379 | 9.6 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993 | (9993) No math courses on transcript in any year | 6 | 0.2 % |
| Total | | 3,947 | 100% |

Based upon 3,498 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 56-59 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EAMSQ5: MATH SEQUENCE LEVEL YEAR5

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 58 | 1.5 % |
| 1 | (1) Basic/remedial math | 7 | 0.2 % |
| 2 | (2) General/applied math | 14 | 0.4 % |
| 3 | (3) Pre-algebra | 8 | 0.2 % |
| 4 | (4) Algebra I | 18 | 0.5 % |
| 5 | (5) Geometry | 20 | 0.5 % |
| 6 | (6) Algebra II | 6 | 0.2 % |
| 7 | (7) Advanced math | 6 | 0.2 % |
| 8 | (8) Pre-calculus | 4 | 0.1 % |
| 9 | (9) Calculus | 10 | 0.3 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993 | (9993) No math courses on transcript in any year | 2 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 151 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 60-63 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EAMSQ6: MATH SEQUENCE LEVEL YEAR6+

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 16 | 0.4 % |
| 1 | (1) Basic/remedial math | 0 | 0.0 % |
| 2 | (2) General/applied math | 6 | 0.2 % |
| 3 | (3) Pre-algebra | 1 | 0.0 % |
| 4 | (4) Algebra I | 4 | 0.1 % |
| 5 | (5) Geometry | 3 | 0.1 % |
| 6 | (6) Algebra II | 1 | 0.0 % |
| 7 | (7) Advanced math | 3 | 0.1 % |
| 8 | (8) Pre-calculus | 2 | 0.1 % |
| 9 | (9) Calculus | 1 | 0.0 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993 | (9993) No math courses on transcript in any year | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 37 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 64-67 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EAMSQH: HIGHEST MATH LEVEL TAKEN IN ALL YRS

Ordinal variables that represent the highest level math course taken in each year of students' high school course taking (EAMSQ1-6), and the highest level math course taken by the end of high school (EAMSQH).

| Value | Label | Unweighted Frequency | % |
|-------|--------------------------|----------------------|--------|
| 1 | (1) Basic/remedial math | 53 | 1.3 % |
| 2 | (2) General/applied math | 146 | 3.7 % |
| 3 | (3) Pre-algebra | 142 | 3.6 % |
| 4 | (4) Algebra I | 451 | 11.4 % |
| 5 | (5) Geometry | 587 | 14.9 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 6 | (6) Algebra II | 953 | 24.1 % |
| 7 | (7) Advanced math | 264 | 6.7 % |
| 8 | (8) Pre-calculus | 903 | 22.9 % |
| 9 | (9) Calculus | 416 | 10.5 % |
| Missing Data | | | |
| 9993 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,915 valid cases out of 3,947 total cases.

- Minimum: 1.00
- Maximum: 9.00

Location: 68-71 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EAMSQB1: MATH LEVEL WITH CREDIT YEAR1

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 382 | 9.7 % |
| 1 | (1) Basic/remedial math | 170 | 4.3 % |
| 2 | (2) General/applied math | 376 | 9.5 % |
| 3 | (3) Pre-algebra | 435 | 11.0 % |
| 4 | (4) Algebra I | 1822 | 46.2 % |
| 5 | (5) Geometry | 533 | 13.5 % |
| 6 | (6) Algebra II | 163 | 4.1 % |
| 7 | (7) Advanced math | 17 | 0.4 % |
| 8 | (8) Pre-calculus | 14 | 0.4 % |
| 9 | (9) Calculus | 3 | 0.1 % |
| Missing Data | | | |
| 9993 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,915 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 72-75 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EAMSQB2: MATH LEVEL WITH CREDIT YEAR2

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 568 | 14.4 % |
| 1 | (1) Basic/remedial math | 104 | 2.6 % |
| 2 | (2) General/applied math | 258 | 6.5 % |
| 3 | (3) Pre-algebra | 34 | 0.9 % |
| 4 | (4) Algebra I | 672 | 17.0 % |
| 5 | (5) Geometry | 1280 | 32.4 % |
| 6 | (6) Algebra II | 688 | 17.4 % |
| 7 | (7) Advanced math | 76 | 1.9 % |
| 8 | (8) Pre-calculus | 130 | 3.3 % |
| 9 | (9) Calculus | 14 | 0.4 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993 | (9993) No math courses on transcript in any year | 11 | 0.3 % |
| Total | | 3,947 | 100% |

Based upon 3,824 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 76-79 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EAMSQB3: MATH LEVEL WITH CREDIT YEAR3

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|-------|--------------------------|----------------------|--------|
| 0 | (0) No math | 692 | 17.5 % |
| 1 | (1) Basic/remedial math | 53 | 1.3 % |
| 2 | (2) General/applied math | 238 | 6.0 % |
| 3 | (3) Pre-algebra | 60 | 1.5 % |
| 4 | (4) Algebra I | 253 | 6.4 % |
| 5 | (5) Geometry | 613 | 15.5 % |
| 6 | (6) Algebra II | 854 | 21.6 % |
| 7 | (7) Advanced math | 179 | 4.5 % |
| 8 | (8) Pre-calculus | 700 | 17.7 % |
| 9 | (9) Calculus | 47 | 1.2 % |

| Value | Label | Unweighted Frequency | % |
|-------|--|----------------------|-------------|
| | Missing Data | | |
| 9992 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993 | (9993) No math courses on transcript in any year | 10 | 0.3 % |
| | Total | 3,947 | 100% |

Based upon 3,689 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 80-83 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EAMSQB4: MATH LEVEL WITH CREDIT YEAR4

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|-------|--|----------------------|-------------|
| 0 | (0) No math | 1405 | 35.6 % |
| 1 | (1) Basic/remedial math | 44 | 1.1 % |
| 2 | (2) General/applied math | 276 | 7.0 % |
| 3 | (3) Pre-algebra | 17 | 0.4 % |
| 4 | (4) Algebra I | 115 | 2.9 % |
| 5 | (5) Geometry | 200 | 5.1 % |
| 6 | (6) Algebra II | 291 | 7.4 % |
| 7 | (7) Advanced math | 220 | 5.6 % |
| 8 | (8) Pre-calculus | 567 | 14.4 % |
| 9 | (9) Calculus | 363 | 9.2 % |
| | Missing Data | | |
| 9992 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993 | (9993) No math courses on transcript in any year | 6 | 0.2 % |
| | Total | 3,947 | 100% |

Based upon 3,498 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 84-87 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EAMSQB5: MATH LEVEL WITH CREDIT YEAR5

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 73 | 1.8 % |
| 1 | (1) Basic/remedial math | 7 | 0.2 % |
| 2 | (2) General/applied math | 12 | 0.3 % |
| 3 | (3) Pre-algebra | 5 | 0.1 % |
| 4 | (4) Algebra I | 15 | 0.4 % |
| 5 | (5) Geometry | 15 | 0.4 % |
| 6 | (6) Algebra II | 6 | 0.2 % |
| 7 | (7) Advanced math | 5 | 0.1 % |
| 8 | (8) Pre-calculus | 3 | 0.1 % |
| 9 | (9) Calculus | 10 | 0.3 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993 | (9993) No math courses on transcript in any year | 2 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 151 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 88-91 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EAMSQB6: MATH LEVEL WITH CREDIT YEAR6+

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--------------------------|----------------------|-------|
| 0 | (0) No math | 18 | 0.5 % |
| 1 | (1) Basic/remedial math | 0 | 0.0 % |
| 2 | (2) General/applied math | 6 | 0.2 % |
| 3 | (3) Pre-algebra | 1 | 0.0 % |
| 4 | (4) Algebra I | 2 | 0.1 % |
| 5 | (5) Geometry | 3 | 0.1 % |
| 6 | (6) Algebra II | 1 | 0.0 % |
| 7 | (7) Advanced math | 3 | 0.1 % |
| 8 | (8) Pre-calculus | 2 | 0.1 % |
| 9 | (9) Calculus | 1 | 0.0 % |
| Missing Data | | | |

| Value | Label | Unweighted Frequency | % |
|--------------|--|----------------------|-------------|
| 9992 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993 | (9993) No math courses on transcript in any year | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 37 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 92-95 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EAMSQBH: HIGHEST MATH LEVEL (CREDIT) ALL YRS

B Version: Ordinal variables that represent the highest level math course for which a student received credit in each year (EASMSQB1-6), and the highest level math course for which the student received credit by the end of high school (EAMSQBH).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0 | (0) No math | 100 | 2.5 % |
| 1 | (1) Basic/remedial math | 59 | 1.5 % |
| 2 | (2) General/applied math | 195 | 4.9 % |
| 3 | (3) Pre-algebra | 137 | 3.5 % |
| 4 | (4) Algebra I | 436 | 11.0 % |
| 5 | (5) Geometry | 570 | 14.4 % |
| 6 | (6) Algebra II | 899 | 22.8 % |
| 7 | (7) Advanced math | 245 | 6.2 % |
| 8 | (8) Pre-calculus | 874 | 22.1 % |
| 9 | (9) Calculus | 400 | 10.1 % |
| Missing Data | | | |
| 9993 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,915 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 9.00

Location: 96-99 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EASSQ1: SCIENCE SEQUENCE LEVEL YEAR1

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 339 | 8.6 % |
| 1 | (1) Basic/remedial science | 34 | 0.9 % |
| 2 | (2) General/earth science | 2182 | 55.3 % |
| 3 | (3) Biology | 1156 | 29.3 % |
| 4 | (4) Chemistry | 30 | 0.8 % |
| 5 | (5) Advanced science | 55 | 1.4 % |
| 6 | (6) Physics | 97 | 2.5 % |
| Missing Data | | | |
| 9993 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| Total | | 3,947 | 100% |

Based upon 3,893 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 100-103 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EASSQ2: SCIENCE SEQUENCE LEVEL YEAR2

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 219 | 5.5 % |
| 1 | (1) Basic/remedial science | 30 | 0.8 % |
| 2 | (2) General/earth science | 497 | 12.6 % |
| 3 | (3) Biology | 2145 | 54.3 % |
| 4 | (4) Chemistry | 604 | 15.3 % |
| 5 | (5) Advanced science | 242 | 6.1 % |
| 6 | (6) Physics | 72 | 1.8 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993 | (9993) No science courses on transcript in any year | 26 | 0.7 % |
| Total | | 3,947 | 100% |

Based upon 3,809 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 104-107 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EASSQ3: SCIENCE SEQUENCE LEVEL YEAR3

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 715 | 18.1 % |
| 1 | (1) Basic/remedial science | 11 | 0.3 % |
| 2 | (2) General/earth science | 394 | 10.0 % |
| 3 | (3) Biology | 416 | 10.5 % |
| 4 | (4) Chemistry | 1235 | 31.3 % |
| 5 | (5) Advanced science | 566 | 14.3 % |
| 6 | (6) Physics | 343 | 8.7 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993 | (9993) No science courses on transcript in any year | 19 | 0.5 % |
| Total | | 3,947 | 100% |

Based upon 3,680 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 108-111 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EASSQ4: SCIENCE SEQUENCE LEVEL YEAR4

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 1676 | 42.5 % |
| 1 | (1) Basic/remedial science | 9 | 0.2 % |
| 2 | (2) General/earth science | 260 | 6.6 % |
| 3 | (3) Biology | 138 | 3.5 % |
| 4 | (4) Chemistry | 267 | 6.8 % |
| 5 | (5) Advanced science | 521 | 13.2 % |
| 6 | (6) Physics | 616 | 15.6 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993 | (9993) No science courses on transcript in any year | 17 | 0.4 % |
| Total | | 3,947 | 100% |

Based upon 3,487 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 112-115 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EASSQ5: SCIENCE SEQUENCE LEVEL YEARS

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 72 | 1.8 % |
| 1 | (1) Basic/remedial science | 3 | 0.1 % |
| 2 | (2) General/earth science | 26 | 0.7 % |
| 3 | (3) Biology | 17 | 0.4 % |
| 4 | (4) Chemistry | 5 | 0.1 % |
| 5 | (5) Advanced science | 12 | 0.3 % |
| 6 | (6) Physics | 16 | 0.4 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993 | (9993) No science courses on transcript in any year | 2 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 151 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 116-119 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EASSQ6: SCIENCE SEQUENCE LEVEL YEAR6+

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|---------------------|----------------------------|----------------------|-------|
| 0 | (0) No science | 21 | 0.5 % |
| 1 | (1) Basic/remedial science | 0 | 0.0 % |
| 2 | (2) General/earth science | 3 | 0.1 % |
| 3 | (3) Biology | 6 | 0.2 % |
| 4 | (4) Chemistry | 1 | 0.0 % |
| 5 | (5) Advanced science | 4 | 0.1 % |
| 6 | (6) Physics | 2 | 0.1 % |
| Missing Data | | | |

| Value | Label | Unweighted Frequency | % |
|--------------|---|----------------------|-------------|
| 9992 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993 | (9993) No science courses on transcript in any year | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 37 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 120-123 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EASSQH: HIGHEST SCIENCE LEVEL TAKEN IN ALL YRS

Ordinal variables that represent the highest level science course taken in each year of students' high school course taking (EASSQ1-6), and the highest level science course taken by the end of high school (EASSQH).

| Value | Label | Unweighted Frequency | % |
|--------------|---|----------------------|-------------|
| 1 | (1) Basic/remedial science | 19 | 0.5 % |
| 2 | (2) General/earth science | 191 | 4.8 % |
| 3 | (3) Biology | 970 | 24.6 % |
| 4 | (4) Chemistry | 806 | 20.4 % |
| 5 | (5) Advanced science | 863 | 21.9 % |
| 6 | (6) Physics | 1044 | 26.5 % |
| | Missing Data | | |
| 9993 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| Total | | 3,947 | 100% |

Based upon 3,893 valid cases out of 3,947 total cases.

- Minimum: 1.00
- Maximum: 6.00

Location: 124-127 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EASSQB1: SCIENCE LEVEL WITH CREDIT YEAR1

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|-------|----------------------------|----------------------|--------|
| 0 | (0) No science | 563 | 14.3 % |
| 1 | (1) Basic/remedial science | 31 | 0.8 % |
| 2 | (2) General/earth science | 2038 | 51.6 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 3 | (3) Biology | 1094 | 27.7 % |
| 4 | (4) Chemistry | 27 | 0.7 % |
| 5 | (5) Advanced science | 47 | 1.2 % |
| 6 | (6) Physics | 93 | 2.4 % |
| Missing Data | | | |
| 9993 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| Total | | 3,947 | 100% |

Based upon 3,893 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 128-131 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EASSQB2: SCIENCE LEVEL WITH CREDIT YEAR2

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 461 | 11.7 % |
| 1 | (1) Basic/remedial science | 27 | 0.7 % |
| 2 | (2) General/earth science | 441 | 11.2 % |
| 3 | (3) Biology | 1992 | 50.5 % |
| 4 | (4) Chemistry | 584 | 14.8 % |
| 5 | (5) Advanced science | 235 | 6.0 % |
| 6 | (6) Physics | 69 | 1.7 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993 | (9993) No science courses on transcript in any year | 26 | 0.7 % |
| Total | | 3,947 | 100% |

Based upon 3,809 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 132-135 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EASSQB3: SCIENCE LEVEL WITH CREDIT YEAR3

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 959 | 24.3 % |
| 1 | (1) Basic/remedial science | 11 | 0.3 % |
| 2 | (2) General/earth science | 355 | 9.0 % |
| 3 | (3) Biology | 349 | 8.8 % |
| 4 | (4) Chemistry | 1142 | 28.9 % |
| 5 | (5) Advanced science | 530 | 13.4 % |
| 6 | (6) Physics | 334 | 8.5 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993 | (9993) No science courses on transcript in any year | 19 | 0.5 % |
| Total | | 3,947 | 100% |

Based upon 3,680 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 136-139 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992, 9993

EASSQB4: SCIENCE LEVEL WITH CREDIT YEAR4

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 1797 | 45.5 % |
| 1 | (1) Basic/remedial science | 8 | 0.2 % |
| 2 | (2) General/earth science | 234 | 5.9 % |
| 3 | (3) Biology | 115 | 2.9 % |
| 4 | (4) Chemistry | 234 | 5.9 % |
| 5 | (5) Advanced science | 499 | 12.6 % |
| 6 | (6) Physics | 600 | 15.2 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993 | (9993) No science courses on transcript in any year | 17 | 0.4 % |
| Total | | 3,947 | 100% |

Based upon 3,487 valid cases out of 3,947 total cases.

- Minimum: 0.00

- Maximum: 6.00

Location: 140-143 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EASSQB5: SCIENCE LEVEL WITH CREDIT YEAR5

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 86 | 2.2 % |
| 1 | (1) Basic/remedial science | 3 | 0.1 % |
| 2 | (2) General/earth science | 21 | 0.5 % |
| 3 | (3) Biology | 11 | 0.3 % |
| 4 | (4) Chemistry | 3 | 0.1 % |
| 5 | (5) Advanced science | 12 | 0.3 % |
| 6 | (6) Physics | 15 | 0.4 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993 | (9993) No science courses on transcript in any year | 2 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 151 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 144-147 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EASSQB6: SCIENCE LEVEL WITH CREDIT YEAR6+

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|--------|
| 0 | (0) No science | 22 | 0.6 % |
| 1 | (1) Basic/remedial science | 0 | 0.0 % |
| 2 | (2) General/earth science | 3 | 0.1 % |
| 3 | (3) Biology | 5 | 0.1 % |
| 4 | (4) Chemistry | 1 | 0.0 % |
| 5 | (5) Advanced science | 4 | 0.1 % |
| 6 | (6) Physics | 2 | 0.1 % |
| Missing Data | | | |
| 9992 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |

| Value | Label | Unweighted Frequency | % |
|--------------|---|----------------------|-------------|
| 9993 | (9993) No science courses on transcript in any year | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 37 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 148-151 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9992 , 9993

EASSQBH: HIGHEST SCIENCE LEVEL (CREDIT) ALL YRS

B Version: Ordinal variables that represent the highest level science course for which a student received credit in each year (EASSQB1-6), and the highest level science course for which the student received credit by the end of high school (EAHSSQB).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0 | (0) No science | 94 | 2.4 % |
| 1 | (1) Basic/remedial science | 22 | 0.6 % |
| 2 | (2) General/earth science | 244 | 6.2 % |
| 3 | (3) Biology | 951 | 24.1 % |
| 4 | (4) Chemistry | 732 | 18.5 % |
| 5 | (5) Advanced science | 828 | 21.0 % |
| 6 | (6) Physics | 1022 | 25.9 % |
| Missing Data | | | |
| 9993 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| Total | | 3,947 | 100% |

Based upon 3,893 valid cases out of 3,947 total cases.

- Minimum: 0.00
- Maximum: 6.00

Location: 152-155 (width: 4; decimal: 0)

Variable Type: numeric

(Range of) Missing Values: 9993

EAMGPA1: MATH GPA YEAR1

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 214 | 5.4 % |
| 0.250 | - | 1 | 0.0 % |
| 0.333 | - | 13 | 0.3 % |
| 0.400 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.500 | - | 108 | 2.7 % |
| 0.600 | - | 1 | 0.0 % |
| 0.667 | - | 23 | 0.6 % |
| 0.714 | - | 1 | 0.0 % |
| 0.750 | - | 3 | 0.1 % |
| 1.000 | - | 408 | 10.3 % |
| 1.200 | - | 3 | 0.1 % |
| 1.250 | - | 5 | 0.1 % |
| 1.333 | - | 26 | 0.7 % |
| 1.400 | - | 1 | 0.0 % |
| 1.500 | - | 228 | 5.8 % |
| 1.600 | - | 1 | 0.0 % |
| 1.667 | - | 20 | 0.5 % |
| 1.750 | - | 7 | 0.2 % |
| 1.800 | - | 2 | 0.1 % |
| 1.833 | - | 1 | 0.0 % |
| 2.000 | - | 754 | 19.1 % |
| 2.250 | - | 11 | 0.3 % |
| 2.333 | - | 29 | 0.7 % |
| 2.400 | - | 1 | 0.0 % |
| 2.500 | - | 325 | 8.2 % |
| 2.600 | - | 1 | 0.0 % |
| 2.667 | - | 24 | 0.6 % |
| 2.750 | - | 8 | 0.2 % |
| 2.800 | - | 2 | 0.1 % |
| 3.000 | - | 778 | 19.7 % |
| 3.200 | - | 3 | 0.1 % |
| 3.250 | - | 9 | 0.2 % |
| 3.333 | - | 14 | 0.4 % |
| 3.500 | - | 211 | 5.3 % |
| 3.667 | - | 16 | 0.4 % |
| 3.750 | - | 5 | 0.1 % |
| 4.000 | - | 539 | 13.7 % |
| Missing Data | | | |
| 9993.000 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| 9994.000 | (9994) No math course in year 1 | 93 | 2.4 % |
| 9995.000 | (9995) No graded math course in year 1 | 25 | 0.6 % |
| Total | | 3,947 | 100% |

Based upon 3,797 valid cases out of 3,947 total cases.

- Mean: 2.325
- Median: 2.500
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.135

Location: 156-163 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9994.000 , 9995.000

EAMGPA2: MATH GPA YEAR2

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 260 | 6.6 % |
| 0.333 | - | 13 | 0.3 % |
| 0.500 | - | 122 | 3.1 % |
| 0.667 | - | 14 | 0.4 % |
| 0.750 | - | 1 | 0.0 % |
| 1.000 | - | 454 | 11.5 % |
| 1.200 | - | 1 | 0.0 % |
| 1.250 | - | 7 | 0.2 % |
| 1.333 | - | 26 | 0.7 % |
| 1.500 | - | 242 | 6.1 % |
| 1.600 | - | 1 | 0.0 % |
| 1.667 | - | 21 | 0.5 % |
| 1.750 | - | 4 | 0.1 % |
| 2.000 | - | 725 | 18.4 % |
| 2.125 | - | 1 | 0.0 % |
| 2.200 | - | 1 | 0.0 % |
| 2.250 | - | 10 | 0.3 % |
| 2.333 | - | 17 | 0.4 % |
| 2.500 | - | 265 | 6.7 % |
| 2.667 | - | 19 | 0.5 % |
| 2.750 | - | 11 | 0.3 % |
| 2.800 | - | 1 | 0.0 % |
| 2.833 | - | 1 | 0.0 % |
| 3.000 | - | 717 | 18.2 % |
| 3.250 | - | 5 | 0.1 % |
| 3.333 | - | 13 | 0.3 % |
| 3.500 | - | 207 | 5.2 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|--------------------------|
| 3.667 | - | 8 | 0.2 % |
| 3.750 | - | 4 | 0.1 % |
| 4.000 | - | 502 | 12.7 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993.000 | (9993) No math courses on transcript in any year | 11 | 0.3 % |
| 9994.000 | (9994) No math course in year 2 | 118 | 3.0 % |
| 9995.000 | (9995) No graded math course in year 2 | 33 | 0.8 % |
| Total | | | 3,947 100% |

Based upon 3,673 valid cases out of 3,947 total cases.

- Mean: 2.242
- Median: 2.000
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.171

Location: 164-171 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMGPA3: MATH GPA YEAR3

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 249 | 6.3 % |
| 0.250 | - | 2 | 0.1 % |
| 0.333 | - | 12 | 0.3 % |
| 0.400 | - | 1 | 0.0 % |
| 0.500 | - | 104 | 2.6 % |
| 0.600 | - | 1 | 0.0 % |
| 0.667 | - | 20 | 0.5 % |
| 0.750 | - | 2 | 0.1 % |
| 0.800 | - | 1 | 0.0 % |
| 1.000 | - | 429 | 10.9 % |
| 1.250 | - | 5 | 0.1 % |
| 1.333 | - | 19 | 0.5 % |
| 1.400 | - | 1 | 0.0 % |
| 1.500 | - | 203 | 5.1 % |
| 1.667 | - | 19 | 0.5 % |
| 1.750 | - | 11 | 0.3 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 2.000 | - | 757 | 19.2 % |
| 2.250 | - | 8 | 0.2 % |
| 2.333 | - | 20 | 0.5 % |
| 2.400 | - | 1 | 0.0 % |
| 2.500 | - | 218 | 5.5 % |
| 2.667 | - | 21 | 0.5 % |
| 2.750 | - | 11 | 0.3 % |
| 3.000 | - | 581 | 14.7 % |
| 3.200 | - | 1 | 0.0 % |
| 3.250 | - | 8 | 0.2 % |
| 3.333 | - | 9 | 0.2 % |
| 3.400 | - | 1 | 0.0 % |
| 3.500 | - | 171 | 4.3 % |
| 3.667 | - | 11 | 0.3 % |
| 3.750 | - | 9 | 0.2 % |
| 4.000 | - | 409 | 10.4 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993.000 | (9993) No math courses on transcript in any year | 10 | 0.3 % |
| 9994.000 | (9994) No math course in year 3 | 342 | 8.7 % |
| 9995.000 | (9995) No graded math course in year 3 | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,315 valid cases out of 3,947 total cases.

- Mean: 2.177
- Median: 2.000
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.161

Location: 172-179 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMGPA4: MATH GPA YEAR4

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 148 | 3.7 % |
| 0.333 | - | 4 | 0.1 % |
| 0.500 | - | 58 | 1.5 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.667 | - | 8 | 0.2 % |
| 0.750 | - | 2 | 0.1 % |
| 0.800 | - | 1 | 0.0 % |
| 1.000 | - | 284 | 7.2 % |
| 1.200 | - | 1 | 0.0 % |
| 1.250 | - | 5 | 0.1 % |
| 1.333 | - | 9 | 0.2 % |
| 1.429 | - | 1 | 0.0 % |
| 1.500 | - | 119 | 3.0 % |
| 1.600 | - | 1 | 0.0 % |
| 1.667 | - | 8 | 0.2 % |
| 1.750 | - | 3 | 0.1 % |
| 1.800 | - | 1 | 0.0 % |
| 2.000 | - | 495 | 12.5 % |
| 2.200 | - | 1 | 0.0 % |
| 2.250 | - | 5 | 0.1 % |
| 2.333 | - | 11 | 0.3 % |
| 2.500 | - | 155 | 3.9 % |
| 2.667 | - | 13 | 0.3 % |
| 2.750 | - | 3 | 0.1 % |
| 3.000 | - | 447 | 11.3 % |
| 3.250 | - | 6 | 0.2 % |
| 3.333 | - | 7 | 0.2 % |
| 3.500 | - | 119 | 3.0 % |
| 3.600 | - | 2 | 0.1 % |
| 3.667 | - | 6 | 0.2 % |
| 3.750 | - | 8 | 0.2 % |
| 3.800 | - | 1 | 0.0 % |
| 4.000 | - | 351 | 8.9 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993.000 | (9993) No math courses on transcript in any year | 6 | 0.2 % |
| 9994.000 | (9994) No math course in year 4 | 1178 | 29.8 % |
| 9995.000 | (9995) No graded math course in year 4 | 37 | 0.9 % |
| Total | | 3,947 | 100% |

Based upon 2,283 valid cases out of 3,947 total cases.

- Mean: 2.308
- Median: 2.000

- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.165

Location: 180-187 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMGPA5: MATH GPA YEAR5

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 10 | 0.3 % |
| 0.333 | - | 1 | 0.0 % |
| 0.500 | - | 1 | 0.0 % |
| 0.667 | - | 1 | 0.0 % |
| 1.000 | - | 17 | 0.4 % |
| 1.333 | - | 2 | 0.1 % |
| 1.500 | - | 2 | 0.1 % |
| 1.600 | - | 1 | 0.0 % |
| 1.667 | - | 1 | 0.0 % |
| 2.000 | - | 19 | 0.5 % |
| 2.333 | - | 1 | 0.0 % |
| 2.500 | - | 1 | 0.0 % |
| 3.000 | - | 18 | 0.5 % |
| 3.500 | - | 3 | 0.1 % |
| 3.750 | - | 1 | 0.0 % |
| 4.000 | - | 11 | 0.3 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993.000 | (9993) No math courses on transcript in any year | 2 | 0.1 % |
| 9994.000 | (9994) No math course in year 5 | 58 | 1.5 % |
| 9995.000 | (9995) No graded math course in year 5 | 3 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 90 valid cases out of 3,947 total cases.

- Mean: 2.028
- Median: 2.000
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.243

Location: 188-195 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMGPA6: MATH GPA YEAR6+

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 1 | 0.0 % |
| 1.000 | - | 3 | 0.1 % |
| 1.143 | - | 1 | 0.0 % |
| 1.500 | - | 1 | 0.0 % |
| 2.000 | - | 5 | 0.1 % |
| 2.500 | - | 1 | 0.0 % |
| 3.000 | - | 6 | 0.2 % |
| 4.000 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993.000 | (9993) No math courses on transcript in any year | 1 | 0.0 % |
| 9994.000 | (9994) No math course in year 6+ | 16 | 0.4 % |
| 9995.000 | (9995) No graded math course in year 6+ | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 20 valid cases out of 3,947 total cases.

- Mean: 2.207
- Median: 2.000
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.061

Location: 196-203 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMGPAC: CUMULATIVE MATH GPA ACROSS ALL YRS

GPA of math courses taken in each year (EAMGPA1-6) and cumulatively (EAMGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 68 | 1.7 % |
| 0.125 | - | 1 | 0.0 % |
| 0.143 | - | 4 | 0.1 % |
| 0.167 | - | 3 | 0.1 % |
| 0.182 | - | 1 | 0.0 % |
| 0.200 | - | 3 | 0.1 % |
| 0.250 | - | 3 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.286 | - | 2 | 0.1 % |
| 0.333 | - | 20 | 0.5 % |
| 0.364 | - | 1 | 0.0 % |
| 0.375 | - | 2 | 0.1 % |
| 0.400 | - | 7 | 0.2 % |
| 0.429 | - | 2 | 0.1 % |
| 0.444 | - | 2 | 0.1 % |
| 0.500 | - | 37 | 0.9 % |
| 0.556 | - | 3 | 0.1 % |
| 0.571 | - | 3 | 0.1 % |
| 0.600 | - | 9 | 0.2 % |
| 0.615 | - | 1 | 0.0 % |
| 0.625 | - | 1 | 0.0 % |
| 0.636 | - | 2 | 0.1 % |
| 0.667 | - | 41 | 1.0 % |
| 0.700 | - | 2 | 0.1 % |
| 0.706 | - | 1 | 0.0 % |
| 0.714 | - | 5 | 0.1 % |
| 0.750 | - | 27 | 0.7 % |
| 0.778 | - | 4 | 0.1 % |
| 0.800 | - | 16 | 0.4 % |
| 0.818 | - | 3 | 0.1 % |
| 0.824 | - | 1 | 0.0 % |
| 0.833 | - | 13 | 0.3 % |
| 0.857 | - | 6 | 0.2 % |
| 0.875 | - | 15 | 0.4 % |
| 0.889 | - | 8 | 0.2 % |
| 0.900 | - | 3 | 0.1 % |
| 0.909 | - | 4 | 0.1 % |
| 1.000 | - | 154 | 3.9 % |
| 1.056 | - | 1 | 0.0 % |
| 1.083 | - | 2 | 0.1 % |
| 1.091 | - | 5 | 0.1 % |
| 1.100 | - | 8 | 0.2 % |
| 1.111 | - | 15 | 0.4 % |
| 1.125 | - | 18 | 0.5 % |
| 1.143 | - | 17 | 0.4 % |
| 1.154 | - | 1 | 0.0 % |
| 1.167 | - | 30 | 0.8 % |

| Value | Label | Unweighted Frequency | % |
|----------|--|----------------------|-------------|
| 1.182 | - | 1 | 0.0 % |
| 1.200 | - | 22 | 0.6 % |
| 1.222 | - | 10 | 0.3 % |
| 1.250 | - | 64 | 1.6 % |
| | Missing Data | | |
| 9993.000 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| 9995.000 | (9995) No graded math course in years 1 to 6+ | 16 | 0.4 % |
| | Total | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,899 valid cases out of 3,947 total cases.

- Mean: 2.218
- Median: 2.250
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.950

Location: 204-211 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9995.000

EASGPA1: SCIENCE GPA YEAR1

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 194 | 4.9 % |
| 0.333 | - | 8 | 0.2 % |
| 0.500 | - | 104 | 2.6 % |
| 0.667 | - | 8 | 0.2 % |
| 0.750 | - | 1 | 0.0 % |
| 1.000 | - | 384 | 9.7 % |
| 1.250 | - | 1 | 0.0 % |
| 1.333 | - | 10 | 0.3 % |
| 1.500 | - | 195 | 4.9 % |
| 1.667 | - | 7 | 0.2 % |
| 1.750 | - | 1 | 0.0 % |
| 2.000 | - | 697 | 17.7 % |
| 2.250 | - | 3 | 0.1 % |
| 2.333 | - | 7 | 0.2 % |
| 2.500 | - | 302 | 7.7 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 2.667 | - | 8 | 0.2 % |
| 2.750 | - | 2 | 0.1 % |
| 3.000 | - | 784 | 19.9 % |
| 3.250 | - | 2 | 0.1 % |
| 3.333 | - | 11 | 0.3 % |
| 3.500 | - | 213 | 5.4 % |
| 3.667 | - | 5 | 0.1 % |
| 3.750 | - | 5 | 0.1 % |
| 4.000 | - | 577 | 14.6 % |
| Missing Data | | | |
| 9993.000 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| 9994.000 | (9994) No science course in year 1 | 339 | 8.6 % |
| 9995.000 | (9995) No graded science course in year 1 | 25 | 0.6 % |
| Total | | 3,947 | 100% |

Based upon 3,529 valid cases out of 3,947 total cases.

- Mean: 2.394
- Median: 2.500
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.147

Location: 212-219 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000, 9994.000, 9995.000

EASGPA2: SCIENCE GPA YEAR2

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 210 | 5.3 % |
| 0.250 | - | 1 | 0.0 % |
| 0.333 | - | 11 | 0.3 % |
| 0.500 | - | 82 | 2.1 % |
| 0.667 | - | 5 | 0.1 % |
| 0.750 | - | 2 | 0.1 % |
| 1.000 | - | 380 | 9.6 % |
| 1.250 | - | 3 | 0.1 % |
| 1.333 | - | 10 | 0.3 % |
| 1.500 | - | 203 | 5.1 % |
| 1.600 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 1.667 | - | 16 | 0.4 % |
| 1.750 | - | 8 | 0.2 % |
| 2.000 | - | 753 | 19.1 % |
| 2.250 | - | 3 | 0.1 % |
| 2.333 | - | 11 | 0.3 % |
| 2.500 | - | 279 | 7.1 % |
| 2.667 | - | 10 | 0.3 % |
| 2.750 | - | 4 | 0.1 % |
| 3.000 | - | 827 | 21.0 % |
| 3.200 | - | 1 | 0.0 % |
| 3.250 | - | 7 | 0.2 % |
| 3.333 | - | 6 | 0.2 % |
| 3.500 | - | 181 | 4.6 % |
| 3.600 | - | 1 | 0.0 % |
| 3.667 | - | 8 | 0.2 % |
| 3.750 | - | 6 | 0.2 % |
| 4.000 | - | 542 | 13.7 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993.000 | (9993) No science courses on transcript in any year | 26 | 0.7 % |
| 9994.000 | (9994) No science course in year 2 | 219 | 5.5 % |
| 9995.000 | (9995) No graded science course in year 2 | 19 | 0.5 % |
| Total | | 3,947 | 100% |

Based upon 3,571 valid cases out of 3,947 total cases.

- Mean: 2.367
- Median: 2.500
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.132

Location: 220-227 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASGPA3: SCIENCE GPA YEAR3

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 193 | 4.9 % |
| 0.200 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.333 | - | 4 | 0.1 % |
| 0.500 | - | 51 | 1.3 % |
| 0.667 | - | 3 | 0.1 % |
| 0.750 | - | 2 | 0.1 % |
| 1.000 | - | 331 | 8.4 % |
| 1.250 | - | 3 | 0.1 % |
| 1.333 | - | 11 | 0.3 % |
| 1.500 | - | 159 | 4.0 % |
| 1.667 | - | 11 | 0.3 % |
| 1.750 | - | 7 | 0.2 % |
| 1.800 | - | 2 | 0.1 % |
| 2.000 | - | 605 | 15.3 % |
| 2.167 | - | 1 | 0.0 % |
| 2.200 | - | 1 | 0.0 % |
| 2.250 | - | 5 | 0.1 % |
| 2.333 | - | 17 | 0.4 % |
| 2.500 | - | 236 | 6.0 % |
| 2.667 | - | 15 | 0.4 % |
| 2.750 | - | 7 | 0.2 % |
| 3.000 | - | 612 | 15.5 % |
| 3.200 | - | 1 | 0.0 % |
| 3.250 | - | 7 | 0.2 % |
| 3.333 | - | 8 | 0.2 % |
| 3.500 | - | 191 | 4.8 % |
| 3.667 | - | 5 | 0.1 % |
| 3.750 | - | 8 | 0.2 % |
| 4.000 | - | 438 | 11.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993.000 | (9993) No science courses on transcript in any year | 19 | 0.5 % |
| 9994.000 | (9994) No science course in year 3 | 715 | 18.1 % |
| 9995.000 | (9995) No graded science course in year 3 | 30 | 0.8 % |
| | Total | 3,947 | 100% |

Based upon 2,935 valid cases out of 3,947 total cases.

- Mean: 2.359
- Median: 2.500
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000

- Standard Deviation: 1.144

Location: 228-235 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASGPA4: SCIENCE GPA YEAR4

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|--------|
| 0.000 | - | 88 | 2.2 % |
| 0.250 | - | 1 | 0.0 % |
| 0.333 | - | 4 | 0.1 % |
| 0.400 | - | 1 | 0.0 % |
| 0.500 | - | 23 | 0.6 % |
| 0.667 | - | 3 | 0.1 % |
| 0.750 | - | 3 | 0.1 % |
| 1.000 | - | 172 | 4.4 % |
| 1.250 | - | 2 | 0.1 % |
| 1.333 | - | 3 | 0.1 % |
| 1.500 | - | 56 | 1.4 % |
| 1.667 | - | 2 | 0.1 % |
| 1.750 | - | 2 | 0.1 % |
| 2.000 | - | 357 | 9.0 % |
| 2.250 | - | 5 | 0.1 % |
| 2.333 | - | 4 | 0.1 % |
| 2.500 | - | 121 | 3.1 % |
| 2.667 | - | 9 | 0.2 % |
| 2.750 | - | 4 | 0.1 % |
| 2.833 | - | 1 | 0.0 % |
| 3.000 | - | 404 | 10.2 % |
| 3.250 | - | 8 | 0.2 % |
| 3.333 | - | 10 | 0.3 % |
| 3.500 | - | 98 | 2.5 % |
| 3.667 | - | 11 | 0.3 % |
| 3.750 | - | 4 | 0.1 % |
| 4.000 | - | 392 | 9.9 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993.000 | (9993) No science courses on transcript in any year | 17 | 0.4 % |
| 9994.000 | (9994) No science course in year 4 | 1676 | 42.5 % |
| 9995.000 | (9995) No graded science course in year 4 | 23 | 0.6 % |

| Value | Label | Unweighted Frequency | % |
|-------|--------------|----------------------|-------------|
| | Total | 3,947 | 100% |

Based upon 1,788 valid cases out of 3,947 total cases.

- Mean: 2.573
- Median: 3.000
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.144

Location: 236-243 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASGPA5: SCIENCE GPA YEAR5

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|----------|---|----------------------|-------------|
| 0.000 | - | 11 | 0.3 % |
| 0.500 | - | 2 | 0.1 % |
| 0.667 | - | 1 | 0.0 % |
| 1.000 | - | 11 | 0.3 % |
| 1.250 | - | 1 | 0.0 % |
| 1.333 | - | 1 | 0.0 % |
| 1.400 | - | 1 | 0.0 % |
| 1.500 | - | 5 | 0.1 % |
| 1.600 | - | 1 | 0.0 % |
| 2.000 | - | 16 | 0.4 % |
| 2.500 | - | 2 | 0.1 % |
| 2.800 | - | 1 | 0.0 % |
| 3.000 | - | 14 | 0.4 % |
| 3.500 | - | 1 | 0.0 % |
| 3.667 | - | 1 | 0.0 % |
| 4.000 | - | 6 | 0.2 % |
| | Missing Data | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993.000 | (9993) No science courses on transcript in any year | 2 | 0.1 % |
| 9994.000 | (9994) No science course in year 5 | 72 | 1.8 % |
| 9995.000 | (9995) No graded science course in year 5 | 4 | 0.1 % |
| | Total | 3,947 | 100% |

Based upon 75 valid cases out of 3,947 total cases.

- Mean: 1.850
- Median: 2.000
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.200

Location: 244-251 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASGPA6: SCIENCE GPA YEAR6+

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.000 | - | 1 | 0.0 % |
| 0.333 | - | 1 | 0.0 % |
| 0.600 | - | 1 | 0.0 % |
| 1.000 | - | 3 | 0.1 % |
| 1.500 | - | 1 | 0.0 % |
| 2.000 | - | 4 | 0.1 % |
| 2.333 | - | 1 | 0.0 % |
| 2.500 | - | 1 | 0.0 % |
| 2.750 | - | 1 | 0.0 % |
| 3.000 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993.000 | (9993) No science courses on transcript in any year | 1 | 0.0 % |
| 9994.000 | (9994) No science course in year 6+ | 21 | 0.5 % |
| 9995.000 | (9995) No graded science course in year 6+ | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 15 valid cases out of 3,947 total cases.

- Mean: 1.601
- Median: 2.000
- Mode: 2.000
- Minimum: 0.000
- Maximum: 3.000
- Standard Deviation: 0.907

Location: 252-259 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASGPAC: CUMULATIVE SCIENCE GPA ACROSS ALL YRS

GPA of science courses taken in each year (EASGPA1-6) and cumulatively (EASGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 82 | 2.1 % |
| 0.091 | - | 1 | 0.0 % |
| 0.143 | - | 1 | 0.0 % |
| 0.167 | - | 5 | 0.1 % |
| 0.200 | - | 5 | 0.1 % |
| 0.250 | - | 11 | 0.3 % |
| 0.286 | - | 2 | 0.1 % |
| 0.333 | - | 13 | 0.3 % |
| 0.375 | - | 2 | 0.1 % |
| 0.400 | - | 2 | 0.1 % |
| 0.429 | - | 4 | 0.1 % |
| 0.444 | - | 2 | 0.1 % |
| 0.500 | - | 37 | 0.9 % |
| 0.545 | - | 1 | 0.0 % |
| 0.556 | - | 1 | 0.0 % |
| 0.571 | - | 7 | 0.2 % |
| 0.583 | - | 1 | 0.0 % |
| 0.600 | - | 7 | 0.2 % |
| 0.636 | - | 1 | 0.0 % |
| 0.667 | - | 35 | 0.9 % |
| 0.700 | - | 1 | 0.0 % |
| 0.714 | - | 3 | 0.1 % |
| 0.750 | - | 24 | 0.6 % |
| 0.778 | - | 1 | 0.0 % |
| 0.800 | - | 17 | 0.4 % |
| 0.833 | - | 8 | 0.2 % |
| 0.857 | - | 9 | 0.2 % |
| 0.875 | - | 6 | 0.2 % |
| 0.889 | - | 1 | 0.0 % |
| 0.900 | - | 3 | 0.1 % |
| 0.923 | - | 1 | 0.0 % |
| 0.929 | - | 2 | 0.1 % |
| 1.000 | - | 176 | 4.5 % |
| 1.100 | - | 1 | 0.0 % |
| 1.125 | - | 3 | 0.1 % |
| 1.143 | - | 13 | 0.3 % |
| 1.167 | - | 22 | 0.6 % |
| 1.200 | - | 22 | 0.6 % |
| 1.222 | - | 5 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 1.250 | - | 53 | 1.3 % |
| 1.286 | - | 13 | 0.3 % |
| 1.300 | - | 2 | 0.1 % |
| 1.333 | - | 88 | 2.2 % |
| 1.375 | - | 10 | 0.3 % |
| 1.400 | - | 31 | 0.8 % |
| 1.417 | - | 1 | 0.0 % |
| 1.429 | - | 12 | 0.3 % |
| 1.444 | - | 4 | 0.1 % |
| 1.500 | - | 154 | 3.9 % |
| 1.538 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9993.000 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| 9995.000 | (9995) No graded science course in years 1 to 6+ | 11 | 0.3 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,882 valid cases out of 3,947 total cases.

- Mean: 2.325
- Median: 2.333
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.974

Location: 260-267 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9995.000

EAOGPA1: OVERALL GPA YEAR1

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 25 | 0.6 % |
| 0.077 | - | 1 | 0.0 % |
| 0.100 | - | 1 | 0.0 % |
| 0.111 | - | 1 | 0.0 % |
| 0.125 | - | 1 | 0.0 % |
| 0.143 | - | 4 | 0.1 % |
| 0.154 | - | 3 | 0.1 % |
| 0.167 | - | 2 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.200 | - | 3 | 0.1 % |
| 0.250 | - | 6 | 0.2 % |
| 0.273 | - | 1 | 0.0 % |
| 0.286 | - | 4 | 0.1 % |
| 0.300 | - | 1 | 0.0 % |
| 0.308 | - | 2 | 0.1 % |
| 0.313 | - | 1 | 0.0 % |
| 0.333 | - | 5 | 0.1 % |
| 0.375 | - | 1 | 0.0 % |
| 0.385 | - | 2 | 0.1 % |
| 0.400 | - | 1 | 0.0 % |
| 0.417 | - | 2 | 0.1 % |
| 0.429 | - | 4 | 0.1 % |
| 0.462 | - | 3 | 0.1 % |
| 0.500 | - | 8 | 0.2 % |
| 0.538 | - | 3 | 0.1 % |
| 0.545 | - | 2 | 0.1 % |
| 0.556 | - | 3 | 0.1 % |
| 0.563 | - | 1 | 0.0 % |
| 0.571 | - | 2 | 0.1 % |
| 0.583 | - | 1 | 0.0 % |
| 0.600 | - | 2 | 0.1 % |
| 0.615 | - | 3 | 0.1 % |
| 0.625 | - | 2 | 0.1 % |
| 0.636 | - | 3 | 0.1 % |
| 0.643 | - | 2 | 0.1 % |
| 0.667 | - | 7 | 0.2 % |
| 0.688 | - | 1 | 0.0 % |
| 0.692 | - | 1 | 0.0 % |
| 0.700 | - | 1 | 0.0 % |
| 0.714 | - | 3 | 0.1 % |
| 0.727 | - | 1 | 0.0 % |
| 0.733 | - | 2 | 0.1 % |
| 0.750 | - | 5 | 0.1 % |
| 0.769 | - | 3 | 0.1 % |
| 0.778 | - | 2 | 0.1 % |
| 0.786 | - | 3 | 0.1 % |
| 0.800 | - | 5 | 0.1 % |
| 0.818 | - | 2 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|----------|--|----------------------|-------------|
| 0.824 | - | 1 | 0.0 % |
| 0.833 | - | 4 | 0.1 % |
| 0.846 | - | 2 | 0.1 % |
| | Missing Data | | |
| 9995.000 | (9995) No graded science course in year 6+ | 39 | 1.0 % |
| | Total | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,908 valid cases out of 3,947 total cases.

- Mean: 2.604
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.895

Location: 268-275 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9995.000

EAOGPA2: OVERALL GPA YEAR2

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 38 | 1.0 % |
| 0.083 | - | 1 | 0.0 % |
| 0.100 | - | 1 | 0.0 % |
| 0.111 | - | 1 | 0.0 % |
| 0.125 | - | 4 | 0.1 % |
| 0.143 | - | 4 | 0.1 % |
| 0.154 | - | 1 | 0.0 % |
| 0.167 | - | 1 | 0.0 % |
| 0.182 | - | 1 | 0.0 % |
| 0.200 | - | 3 | 0.1 % |
| 0.214 | - | 1 | 0.0 % |
| 0.231 | - | 1 | 0.0 % |
| 0.250 | - | 6 | 0.2 % |
| 0.273 | - | 2 | 0.1 % |
| 0.286 | - | 2 | 0.1 % |
| 0.333 | - | 3 | 0.1 % |
| 0.357 | - | 1 | 0.0 % |
| 0.364 | - | 2 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.385 | - | 1 | 0.0 % |
| 0.400 | - | 2 | 0.1 % |
| 0.417 | - | 1 | 0.0 % |
| 0.429 | - | 6 | 0.2 % |
| 0.444 | - | 1 | 0.0 % |
| 0.462 | - | 2 | 0.1 % |
| 0.467 | - | 1 | 0.0 % |
| 0.500 | - | 15 | 0.4 % |
| 0.533 | - | 1 | 0.0 % |
| 0.571 | - | 6 | 0.2 % |
| 0.583 | - | 1 | 0.0 % |
| 0.600 | - | 2 | 0.1 % |
| 0.615 | - | 2 | 0.1 % |
| 0.625 | - | 3 | 0.1 % |
| 0.636 | - | 1 | 0.0 % |
| 0.643 | - | 3 | 0.1 % |
| 0.667 | - | 4 | 0.1 % |
| 0.692 | - | 1 | 0.0 % |
| 0.700 | - | 1 | 0.0 % |
| 0.714 | - | 6 | 0.2 % |
| 0.727 | - | 1 | 0.0 % |
| 0.733 | - | 1 | 0.0 % |
| 0.750 | - | 3 | 0.1 % |
| 0.769 | - | 1 | 0.0 % |
| 0.778 | - | 1 | 0.0 % |
| 0.800 | - | 2 | 0.1 % |
| 0.813 | - | 2 | 0.1 % |
| 0.818 | - | 3 | 0.1 % |
| 0.833 | - | 4 | 0.1 % |
| 0.846 | - | 2 | 0.1 % |
| 0.857 | - | 12 | 0.3 % |
| 0.867 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9995.000 | (9995) No graded course in year 2 | 18 | 0.5 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,817 valid cases out of 3,947 total cases.

- Mean: 2.591
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.894

Location: 276-283 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOGPA3: OVERALL GPA YEAR3

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 32 | 0.8 % |
| 0.071 | - | 1 | 0.0 % |
| 0.083 | - | 1 | 0.0 % |
| 0.111 | - | 1 | 0.0 % |
| 0.125 | - | 1 | 0.0 % |
| 0.143 | - | 4 | 0.1 % |
| 0.167 | - | 5 | 0.1 % |
| 0.182 | - | 2 | 0.1 % |
| 0.200 | - | 4 | 0.1 % |
| 0.214 | - | 1 | 0.0 % |
| 0.250 | - | 3 | 0.1 % |
| 0.286 | - | 1 | 0.0 % |
| 0.300 | - | 2 | 0.1 % |
| 0.313 | - | 1 | 0.0 % |
| 0.333 | - | 4 | 0.1 % |
| 0.385 | - | 1 | 0.0 % |
| 0.400 | - | 4 | 0.1 % |
| 0.417 | - | 1 | 0.0 % |
| 0.429 | - | 4 | 0.1 % |
| 0.444 | - | 1 | 0.0 % |
| 0.462 | - | 1 | 0.0 % |
| 0.500 | - | 15 | 0.4 % |
| 0.533 | - | 1 | 0.0 % |
| 0.538 | - | 1 | 0.0 % |
| 0.545 | - | 1 | 0.0 % |
| 0.571 | - | 2 | 0.1 % |
| 0.583 | - | 3 | 0.1 % |
| 0.600 | - | 3 | 0.1 % |
| 0.615 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.625 | - | 1 | 0.0 % |
| 0.643 | - | 3 | 0.1 % |
| 0.647 | - | 1 | 0.0 % |
| 0.667 | - | 8 | 0.2 % |
| 0.692 | - | 2 | 0.1 % |
| 0.700 | - | 3 | 0.1 % |
| 0.714 | - | 5 | 0.1 % |
| 0.727 | - | 3 | 0.1 % |
| 0.733 | - | 1 | 0.0 % |
| 0.750 | - | 7 | 0.2 % |
| 0.769 | - | 2 | 0.1 % |
| 0.778 | - | 2 | 0.1 % |
| 0.786 | - | 3 | 0.1 % |
| 0.789 | - | 1 | 0.0 % |
| 0.800 | - | 5 | 0.1 % |
| 0.833 | - | 10 | 0.3 % |
| 0.846 | - | 1 | 0.0 % |
| 0.857 | - | 7 | 0.2 % |
| 0.875 | - | 5 | 0.1 % |
| 0.889 | - | 1 | 0.0 % |
| 0.900 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9995.000 | (9995) No graded course in year 3 | 18 | 0.5 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,681 valid cases out of 3,947 total cases.

- Mean: 2.594
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.890

Location: 284-291 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOGPA4: OVERALL GPA YEAR4

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 25 | 0.6 % |
| 0.125 | - | 1 | 0.0 % |
| 0.143 | - | 1 | 0.0 % |
| 0.154 | - | 1 | 0.0 % |
| 0.167 | - | 2 | 0.1 % |
| 0.176 | - | 1 | 0.0 % |
| 0.200 | - | 1 | 0.0 % |
| 0.238 | - | 1 | 0.0 % |
| 0.250 | - | 1 | 0.0 % |
| 0.286 | - | 1 | 0.0 % |
| 0.292 | - | 1 | 0.0 % |
| 0.333 | - | 3 | 0.1 % |
| 0.417 | - | 1 | 0.0 % |
| 0.444 | - | 1 | 0.0 % |
| 0.500 | - | 4 | 0.1 % |
| 0.538 | - | 1 | 0.0 % |
| 0.571 | - | 4 | 0.1 % |
| 0.583 | - | 2 | 0.1 % |
| 0.600 | - | 3 | 0.1 % |
| 0.636 | - | 2 | 0.1 % |
| 0.643 | - | 2 | 0.1 % |
| 0.667 | - | 9 | 0.2 % |
| 0.692 | - | 2 | 0.1 % |
| 0.700 | - | 1 | 0.0 % |
| 0.714 | - | 3 | 0.1 % |
| 0.727 | - | 1 | 0.0 % |
| 0.733 | - | 1 | 0.0 % |
| 0.750 | - | 5 | 0.1 % |
| 0.769 | - | 1 | 0.0 % |
| 0.778 | - | 2 | 0.1 % |
| 0.786 | - | 1 | 0.0 % |
| 0.800 | - | 5 | 0.1 % |
| 0.818 | - | 3 | 0.1 % |
| 0.824 | - | 1 | 0.0 % |
| 0.833 | - | 4 | 0.1 % |
| 0.857 | - | 1 | 0.0 % |
| 0.867 | - | 1 | 0.0 % |
| 0.875 | - | 3 | 0.1 % |
| 0.889 | - | 2 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.909 | - | 2 | 0.1 % |
| 0.917 | - | 1 | 0.0 % |
| 0.933 | - | 1 | 0.0 % |
| 1.000 | - | 28 | 0.7 % |
| 1.053 | - | 1 | 0.0 % |
| 1.063 | - | 2 | 0.1 % |
| 1.071 | - | 1 | 0.0 % |
| 1.077 | - | 4 | 0.1 % |
| 1.083 | - | 3 | 0.1 % |
| 1.091 | - | 3 | 0.1 % |
| 1.100 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9995.000 | (9995) No graded course in year 4 | 26 | 0.7 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,478 valid cases out of 3,947 total cases.

- Mean: 2.777
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.852

Location: 292-299 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOGPA5: OVERALL GPA YEAR5

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 6 | 0.2 % |
| 0.143 | - | 1 | 0.0 % |
| 0.188 | - | 1 | 0.0 % |
| 0.400 | - | 1 | 0.0 % |
| 0.667 | - | 1 | 0.0 % |
| 0.686 | - | 1 | 0.0 % |
| 0.692 | - | 1 | 0.0 % |
| 0.700 | - | 1 | 0.0 % |
| 0.750 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.800 | - | 1 | 0.0 % |
| 0.833 | - | 1 | 0.0 % |
| 0.875 | - | 1 | 0.0 % |
| 1.000 | - | 4 | 0.1 % |
| 1.100 | - | 1 | 0.0 % |
| 1.120 | - | 1 | 0.0 % |
| 1.133 | - | 1 | 0.0 % |
| 1.143 | - | 1 | 0.0 % |
| 1.167 | - | 1 | 0.0 % |
| 1.200 | - | 1 | 0.0 % |
| 1.250 | - | 1 | 0.0 % |
| 1.286 | - | 1 | 0.0 % |
| 1.375 | - | 1 | 0.0 % |
| 1.400 | - | 1 | 0.0 % |
| 1.417 | - | 1 | 0.0 % |
| 1.429 | - | 1 | 0.0 % |
| 1.462 | - | 1 | 0.0 % |
| 1.500 | - | 3 | 0.1 % |
| 1.583 | - | 1 | 0.0 % |
| 1.625 | - | 1 | 0.0 % |
| 1.700 | - | 1 | 0.0 % |
| 1.727 | - | 1 | 0.0 % |
| 1.750 | - | 3 | 0.1 % |
| 1.800 | - | 2 | 0.1 % |
| 1.824 | - | 1 | 0.0 % |
| 1.857 | - | 1 | 0.0 % |
| 1.900 | - | 1 | 0.0 % |
| 1.917 | - | 1 | 0.0 % |
| 2.000 | - | 9 | 0.2 % |
| 2.071 | - | 1 | 0.0 % |
| 2.100 | - | 1 | 0.0 % |
| 2.167 | - | 3 | 0.1 % |
| 2.182 | - | 1 | 0.0 % |
| 2.250 | - | 5 | 0.1 % |
| 2.286 | - | 1 | 0.0 % |
| 2.300 | - | 1 | 0.0 % |
| 2.333 | - | 1 | 0.0 % |
| 2.375 | - | 1 | 0.0 % |
| 2.400 | - | 3 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 2.429 | - | 1 | 0.0 % |
| 2.444 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9995.000 | (9995) No graded course in year 5 | 6 | 0.2 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 147 valid cases out of 3,947 total cases.

- Mean: 2.275
- Median: 2.375
- Mode: 3.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 1.037

Location: 300-307 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOGPA6: OVERALL GPA YEAR6+

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 1 | 0.0 % |
| 0.286 | - | 1 | 0.0 % |
| 0.400 | - | 1 | 0.0 % |
| 0.750 | - | 1 | 0.0 % |
| 1.000 | - | 1 | 0.0 % |
| 1.075 | - | 1 | 0.0 % |
| 1.147 | - | 1 | 0.0 % |
| 1.333 | - | 1 | 0.0 % |
| 1.500 | - | 1 | 0.0 % |
| 1.750 | - | 1 | 0.0 % |
| 1.857 | - | 1 | 0.0 % |
| 2.000 | - | 5 | 0.1 % |
| 2.333 | - | 4 | 0.1 % |
| 2.364 | - | 1 | 0.0 % |
| 2.500 | - | 2 | 0.1 % |
| 2.600 | - | 1 | 0.0 % |
| 2.667 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 2.773 | - | 1 | 0.0 % |
| 2.800 | - | 1 | 0.0 % |
| 2.900 | - | 1 | 0.0 % |
| 3.000 | - | 3 | 0.1 % |
| 3.192 | - | 1 | 0.0 % |
| 3.250 | - | 1 | 0.0 % |
| 3.267 | - | 1 | 0.0 % |
| 4.000 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9995.000 | (9995) No graded course in year 6+ | 2 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 36 valid cases out of 3,947 total cases.

- Mean: 2.173
- Median: 2.333
- Mode: 2.000
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.969

Location: 308-315 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOGPAC: CUMULATIVE GPA ACROSS ALL YRS

Overall GPA for all courses taken in each year (EAOGPA1-6) and cumulatively (EAOGPAC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 13 | 0.3 % |
| 0.053 | - | 1 | 0.0 % |
| 0.063 | - | 1 | 0.0 % |
| 0.077 | - | 1 | 0.0 % |
| 0.111 | - | 2 | 0.1 % |
| 0.143 | - | 2 | 0.1 % |
| 0.167 | - | 3 | 0.1 % |
| 0.175 | - | 1 | 0.0 % |
| 0.176 | - | 1 | 0.0 % |
| 0.200 | - | 2 | 0.1 % |
| 0.222 | - | 1 | 0.0 % |
| 0.231 | - | 1 | 0.0 % |
| 0.233 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------|
| 0.250 | - | 2 | 0.1 % |
| 0.267 | - | 1 | 0.0 % |
| 0.270 | - | 1 | 0.0 % |
| 0.273 | - | 1 | 0.0 % |
| 0.286 | - | 2 | 0.1 % |
| 0.294 | - | 1 | 0.0 % |
| 0.297 | - | 1 | 0.0 % |
| 0.300 | - | 3 | 0.1 % |
| 0.308 | - | 1 | 0.0 % |
| 0.325 | - | 1 | 0.0 % |
| 0.333 | - | 1 | 0.0 % |
| 0.360 | - | 1 | 0.0 % |
| 0.379 | - | 1 | 0.0 % |
| 0.385 | - | 1 | 0.0 % |
| 0.400 | - | 2 | 0.1 % |
| 0.429 | - | 2 | 0.1 % |
| 0.435 | - | 1 | 0.0 % |
| 0.441 | - | 1 | 0.0 % |
| 0.452 | - | 1 | 0.0 % |
| 0.455 | - | 2 | 0.1 % |
| 0.462 | - | 1 | 0.0 % |
| 0.500 | - | 6 | 0.2 % |
| 0.528 | - | 1 | 0.0 % |
| 0.529 | - | 2 | 0.1 % |
| 0.533 | - | 1 | 0.0 % |
| 0.536 | - | 1 | 0.0 % |
| 0.547 | - | 1 | 0.0 % |
| 0.556 | - | 1 | 0.0 % |
| 0.560 | - | 1 | 0.0 % |
| 0.581 | - | 1 | 0.0 % |
| 0.583 | - | 2 | 0.1 % |
| 0.600 | - | 2 | 0.1 % |
| 0.613 | - | 1 | 0.0 % |
| 0.617 | - | 1 | 0.0 % |
| 0.632 | - | 1 | 0.0 % |
| 0.633 | - | 1 | 0.0 % |
| 0.643 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9995.000 | (9995) No graded course in years 1 to 6+ | 28 | 0.7 % |

| Value | Label | Unweighted Frequency | % |
|-------|--------------|----------------------|-------------|
| | Total | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,919 valid cases out of 3,947 total cases.

- Mean: 2.595
- Minimum: 0.000
- Maximum: 4.000
- Standard Deviation: 0.832

Location: 316-323 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9995.000

EAMFIX1: MATH FAILURE INDEX YEAR1

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 3276 | 83.0 % |
| 0.167 | - | 1 | 0.0 % |
| 0.200 | - | 2 | 0.1 % |
| 0.250 | - | 12 | 0.3 % |
| 0.333 | - | 42 | 1.1 % |
| 0.400 | - | 5 | 0.1 % |
| 0.429 | - | 1 | 0.0 % |
| 0.500 | - | 213 | 5.4 % |
| 0.600 | - | 1 | 0.0 % |
| 0.667 | - | 27 | 0.7 % |
| 0.750 | - | 3 | 0.1 % |
| 1.000 | - | 214 | 5.4 % |
| Missing Data | | | |
| 9993.000 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| 9994.000 | (9994) No math course in year 1 | 93 | 2.4 % |
| 9995.000 | (9995) No graded math course in year 1 | 25 | 0.6 % |
| | Total | 3,947 | 100% |

Based upon 3,797 valid cases out of 3,947 total cases.

- Mean: 0.095
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000

- Standard Deviation: 0.258

Location: 324-331 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9994.000 , 9995.000

EAMFIX2: MATH FAILURE INDEX YEAR2

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 3099 | 78.5 % |
| 0.200 | - | 1 | 0.0 % |
| 0.250 | - | 12 | 0.3 % |
| 0.333 | - | 52 | 1.3 % |
| 0.500 | - | 215 | 5.4 % |
| 0.600 | - | 2 | 0.1 % |
| 0.667 | - | 30 | 0.8 % |
| 0.750 | - | 2 | 0.1 % |
| 1.000 | - | 260 | 6.6 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993.000 | (9993) No math courses on transcript in any year | 11 | 0.3 % |
| 9994.000 | (9994) No math course in year 2 | 118 | 3.0 % |
| 9995.000 | (9995) No graded math course in year 2 | 33 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,673 valid cases out of 3,947 total cases.

- Mean: 0.112
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.281

Location: 332-339 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMFIX3: MATH FAILURE INDEX YEAR3

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2769 | 70.2 % |
| 0.200 | - | 2 | 0.1 % |
| 0.250 | - | 15 | 0.4 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.333 | - | 34 | 0.9 % |
| 0.400 | - | 2 | 0.1 % |
| 0.500 | - | 206 | 5.2 % |
| 0.667 | - | 34 | 0.9 % |
| 0.750 | - | 3 | 0.1 % |
| 0.800 | - | 1 | 0.0 % |
| 1.000 | - | 249 | 6.3 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993.000 | (9993) No math courses on transcript in any year | 10 | 0.3 % |
| 9994.000 | (9994) No math course in year 3 | 342 | 8.7 % |
| 9995.000 | (9995) No graded math course in year 3 | 32 | 0.8 % |
| Total | | 3,947 | 100% |

Based upon 3,315 valid cases out of 3,947 total cases.

- Mean: 0.119
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.289

Location: 340-347 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMFIX4: MATH FAILURE INDEX YEAR4

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|--------|
| 0.000 | - | 1973 | 50.0 % |
| 0.200 | - | 2 | 0.1 % |
| 0.250 | - | 6 | 0.2 % |
| 0.286 | - | 1 | 0.0 % |
| 0.333 | - | 16 | 0.4 % |
| 0.500 | - | 121 | 3.1 % |
| 0.600 | - | 1 | 0.0 % |
| 0.667 | - | 14 | 0.4 % |
| 0.833 | - | 1 | 0.0 % |
| 1.000 | - | 148 | 3.7 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |

| Value | Label | Unweighted Frequency | % |
|--------------|--|----------------------|-------------|
| 9993.000 | (9993) No math courses on transcript in any year | 6 | 0.2 % |
| 9994.000 | (9994) No math course in year 4 | 1178 | 29.8 % |
| 9995.000 | (9995) No graded math course in year 4 | 37 | 0.9 % |
| Total | | 3,947 | 100% |

Based upon 2,283 valid cases out of 3,947 total cases.

- Mean: 0.099
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.269

Location: 348-355 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMFIX5: MATH FAILURE INDEX YEAR5

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 72 | 1.8 % |
| 0.333 | - | 1 | 0.0 % |
| 0.500 | - | 5 | 0.1 % |
| 0.667 | - | 2 | 0.1 % |
| 1.000 | - | 10 | 0.3 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993.000 | (9993) No math courses on transcript in any year | 2 | 0.1 % |
| 9994.000 | (9994) No math course in year 5 | 58 | 1.5 % |
| 9995.000 | (9995) No graded math course in year 5 | 3 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 90 valid cases out of 3,947 total cases.

- Mean: 0.157
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.336

Location: 356-363 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMFIX6: MATH FAILURE INDEX YEAR6+

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.000 | - | 15 | 0.4 % |
| 0.333 | - | 1 | 0.0 % |
| 0.429 | - | 1 | 0.0 % |
| 0.500 | - | 2 | 0.1 % |
| 1.000 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993.000 | (9993) No math courses on transcript in any year | 1 | 0.0 % |
| 9994.000 | (9994) No math course in year 6+ | 16 | 0.4 % |
| 9995.000 | (9995) No graded math course in year 6+ | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 20 valid cases out of 3,947 total cases.

- Mean: 0.138
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.273

Location: 364-371 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EAMFIXC: MATH FAILURE INDEX ACROSS ALL YRS

Proportion of math courses that students failed in each year (EAMFIX1-6) and cumulatively (EAMFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2592 | 65.7 % |
| 0.071 | - | 1 | 0.0 % |
| 0.083 | - | 6 | 0.2 % |
| 0.091 | - | 8 | 0.2 % |
| 0.100 | - | 20 | 0.5 % |
| 0.111 | - | 30 | 0.8 % |
| 0.125 | - | 80 | 2.0 % |
| 0.143 | - | 93 | 2.4 % |
| 0.154 | - | 1 | 0.0 % |
| 0.167 | - | 106 | 2.7 % |
| 0.182 | - | 7 | 0.2 % |

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.200 | - | 108 | 2.7 % |
| 0.222 | - | 33 | 0.8 % |
| 0.250 | - | 179 | 4.5 % |
| 0.273 | - | 6 | 0.2 % |
| 0.286 | - | 39 | 1.0 % |
| 0.300 | - | 18 | 0.5 % |
| 0.333 | - | 148 | 3.7 % |
| 0.364 | - | 8 | 0.2 % |
| 0.375 | - | 38 | 1.0 % |
| 0.385 | - | 2 | 0.1 % |
| 0.389 | - | 1 | 0.0 % |
| 0.400 | - | 44 | 1.1 % |
| 0.417 | - | 3 | 0.1 % |
| 0.429 | - | 16 | 0.4 % |
| 0.444 | - | 16 | 0.4 % |
| 0.455 | - | 9 | 0.2 % |
| 0.462 | - | 1 | 0.0 % |
| 0.500 | - | 105 | 2.7 % |
| 0.529 | - | 1 | 0.0 % |
| 0.538 | - | 1 | 0.0 % |
| 0.545 | - | 1 | 0.0 % |
| 0.556 | - | 7 | 0.2 % |
| 0.571 | - | 7 | 0.2 % |
| 0.600 | - | 12 | 0.3 % |
| 0.625 | - | 2 | 0.1 % |
| 0.636 | - | 1 | 0.0 % |
| 0.643 | - | 1 | 0.0 % |
| 0.647 | - | 1 | 0.0 % |
| 0.667 | - | 33 | 0.8 % |
| 0.700 | - | 4 | 0.1 % |
| 0.714 | - | 3 | 0.1 % |
| 0.727 | - | 2 | 0.1 % |
| 0.750 | - | 13 | 0.3 % |
| 0.800 | - | 10 | 0.3 % |
| 0.818 | - | 1 | 0.0 % |
| 0.833 | - | 7 | 0.2 % |
| 0.857 | - | 5 | 0.1 % |
| 0.875 | - | 1 | 0.0 % |
| 1.000 | - | 68 | 1.7 % |

| Value | Label | Unweighted Frequency | % |
|----------|--|----------------------|-------------|
| | Missing Data | | |
| 9993.000 | (9993) No math courses on transcript in any year | 32 | 0.8 % |
| 9995.000 | (9995) No graded math course in years 1 to 6+ | 16 | 0.4 % |
| | Total | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,899 valid cases out of 3,947 total cases.

- Mean: 0.114
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.207

Location: 372-379 (width: 8; decimal: 3)

Variable Type: numeric

(Range of Missing Values: 9993.000 , 9995.000

EASFIX1: SCIENCE FAILURE INDEX YEAR1

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|----------|---|----------------------|-------------|
| 0.000 | - | 3116 | 78.9 % |
| 0.250 | - | 4 | 0.1 % |
| 0.333 | - | 21 | 0.5 % |
| 0.500 | - | 174 | 4.4 % |
| 0.667 | - | 18 | 0.5 % |
| 0.750 | - | 2 | 0.1 % |
| 1.000 | - | 194 | 4.9 % |
| | Missing Data | | |
| 9993.000 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| 9994.000 | (9994) No science course in year 1 | 339 | 8.6 % |
| 9995.000 | (9995) No graded science course in year 1 | 25 | 0.6 % |
| | Total | 3,947 | 100% |

Based upon 3,529 valid cases out of 3,947 total cases.

- Mean: 0.086
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.252

Location: 380-387 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9994.000 , 9995.000

EASFIX2: SCIENCE FAILURE INDEX YEAR2

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.000 | - | 3155 | 79.9 % |
| 0.250 | - | 9 | 0.2 % |
| 0.333 | - | 24 | 0.6 % |
| 0.500 | - | 155 | 3.9 % |
| 0.667 | - | 17 | 0.4 % |
| 0.750 | - | 1 | 0.0 % |
| 1.000 | - | 210 | 5.3 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9993.000 | (9993) No science courses on transcript in any year | 26 | 0.7 % |
| 9994.000 | (9994) No science course in year 2 | 219 | 5.5 % |
| 9995.000 | (9995) No graded science course in year 2 | 19 | 0.5 % |
| Total | | 3,947 | 100% |

Based upon 3,571 valid cases out of 3,947 total cases.

- Mean: 0.087
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.256

Location: 388-395 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASFIX3: SCIENCE FAILURE INDEX YEAR3

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2571 | 65.1 % |
| 0.200 | - | 3 | 0.1 % |
| 0.250 | - | 9 | 0.2 % |
| 0.333 | - | 26 | 0.7 % |
| 0.500 | - | 121 | 3.1 % |
| 0.667 | - | 10 | 0.3 % |

| Value | Label | Unweighted Frequency | % |
|----------|---|----------------------|-------------|
| 0.750 | - | 1 | 0.0 % |
| 0.800 | - | 1 | 0.0 % |
| 1.000 | - | 193 | 4.9 % |
| | Missing Data | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9993.000 | (9993) No science courses on transcript in any year | 19 | 0.5 % |
| 9994.000 | (9994) No science course in year 3 | 715 | 18.1 % |
| 9995.000 | (9995) No graded science course in year 3 | 30 | 0.8 % |
| | Total | 3,947 | 100% |

Based upon 2,935 valid cases out of 3,947 total cases.

- Mean: 0.093
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.266

Location: 396-403 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASFIX4: SCIENCE FAILURE INDEX YEAR4

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|----------|---|----------------------|-------------|
| 0.000 | - | 1626 | 41.2 % |
| 0.250 | - | 4 | 0.1 % |
| 0.333 | - | 9 | 0.2 % |
| 0.500 | - | 52 | 1.3 % |
| 0.600 | - | 1 | 0.0 % |
| 0.667 | - | 6 | 0.2 % |
| 0.750 | - | 2 | 0.1 % |
| 1.000 | - | 88 | 2.2 % |
| | Missing Data | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9993.000 | (9993) No science courses on transcript in any year | 17 | 0.4 % |
| 9994.000 | (9994) No science course in year 4 | 1676 | 42.5 % |
| 9995.000 | (9995) No graded science course in year 4 | 23 | 0.6 % |
| | Total | 3,947 | 100% |

Based upon 1,788 valid cases out of 3,947 total cases.

- Mean: 0.069
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.234

Location: 404-411 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASFIX5: SCIENCE FAILURE INDEX YEAR5

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.000 | - | 57 | 1.4 % |
| 0.200 | - | 2 | 0.1 % |
| 0.500 | - | 4 | 0.1 % |
| 0.667 | - | 1 | 0.0 % |
| 1.000 | - | 11 | 0.3 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9993.000 | (9993) No science courses on transcript in any year | 2 | 0.1 % |
| 9994.000 | (9994) No science course in year 5 | 72 | 1.8 % |
| 9995.000 | (9995) No graded science course in year 5 | 4 | 0.1 % |
| Total | | 3,947 | 100% |

Based upon 75 valid cases out of 3,947 total cases.

- Mean: 0.188
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.366

Location: 412-419 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASFIX6: SCIENCE FAILURE INDEX YEAR6+

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 11 | 0.3 % |
| 0.500 | - | 1 | 0.0 % |
| 0.600 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.833 | - | 1 | 0.0 % |
| 1.000 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9993.000 | (9993) No science courses on transcript in any year | 1 | 0.0 % |
| 9994.000 | (9994) No science course in year 6+ | 21 | 0.5 % |
| 9995.000 | (9995) No graded science course in year 6+ | 1 | 0.0 % |
| Total | | 3,947 | 100% |

Based upon 15 valid cases out of 3,947 total cases.

- Mean: 0.196
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.352

Location: 420-427 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9993.000 , 9994.000 , 9995.000

EASFIXC: SCIENCE FAILURE INDEX ACROSS ALL YRS

Proportion of science courses that students failed in each year (EASFIX1-6) and cumulatively (EASFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2927 | 74.2 % |
| 0.071 | - | 1 | 0.0 % |
| 0.083 | - | 1 | 0.0 % |
| 0.091 | - | 2 | 0.1 % |
| 0.100 | - | 5 | 0.1 % |
| 0.111 | - | 9 | 0.2 % |
| 0.125 | - | 47 | 1.2 % |
| 0.143 | - | 53 | 1.3 % |
| 0.167 | - | 79 | 2.0 % |
| 0.200 | - | 101 | 2.6 % |
| 0.222 | - | 6 | 0.2 % |
| 0.231 | - | 1 | 0.0 % |
| 0.250 | - | 118 | 3.0 % |
| 0.286 | - | 19 | 0.5 % |
| 0.300 | - | 4 | 0.1 % |
| 0.308 | - | 1 | 0.0 % |
| 0.333 | - | 141 | 3.6 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|---|----------------------|-------------|
| 0.364 | - | 1 | 0.0 % |
| 0.375 | - | 12 | 0.3 % |
| 0.385 | - | 3 | 0.1 % |
| 0.400 | - | 32 | 0.8 % |
| 0.417 | - | 3 | 0.1 % |
| 0.429 | - | 27 | 0.7 % |
| 0.444 | - | 5 | 0.1 % |
| 0.455 | - | 1 | 0.0 % |
| 0.500 | - | 102 | 2.6 % |
| 0.545 | - | 1 | 0.0 % |
| 0.556 | - | 3 | 0.1 % |
| 0.571 | - | 6 | 0.2 % |
| 0.600 | - | 13 | 0.3 % |
| 0.625 | - | 4 | 0.1 % |
| 0.636 | - | 2 | 0.1 % |
| 0.643 | - | 1 | 0.0 % |
| 0.667 | - | 33 | 0.8 % |
| 0.714 | - | 5 | 0.1 % |
| 0.750 | - | 14 | 0.4 % |
| 0.778 | - | 1 | 0.0 % |
| 0.800 | - | 7 | 0.2 % |
| 0.833 | - | 5 | 0.1 % |
| 0.857 | - | 2 | 0.1 % |
| 0.875 | - | 1 | 0.0 % |
| 0.909 | - | 1 | 0.0 % |
| 1.000 | - | 82 | 2.1 % |
| Missing Data | | | |
| 9993.000 | (9993) No science courses on transcript in any year | 54 | 1.4 % |
| 9995.000 | (9995) No graded science course in years 1 to 6+ | 11 | 0.3 % |
| Total | | 3,947 | 100% |

Based upon 3,882 valid cases out of 3,947 total cases.

- Mean: 0.095
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.208

Location: 428-435 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9993.000 , 9995.000

EAOFIX1: OVERALL FAILURE INDEX YEAR1

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2869 | 72.7 % |
| 0.042 | - | 1 | 0.0 % |
| 0.048 | - | 2 | 0.1 % |
| 0.050 | - | 2 | 0.1 % |
| 0.053 | - | 1 | 0.0 % |
| 0.056 | - | 3 | 0.1 % |
| 0.059 | - | 3 | 0.1 % |
| 0.063 | - | 21 | 0.5 % |
| 0.067 | - | 10 | 0.3 % |
| 0.071 | - | 71 | 1.8 % |
| 0.077 | - | 26 | 0.7 % |
| 0.083 | - | 87 | 2.2 % |
| 0.091 | - | 23 | 0.6 % |
| 0.095 | - | 1 | 0.0 % |
| 0.100 | - | 7 | 0.2 % |
| 0.111 | - | 14 | 0.4 % |
| 0.118 | - | 4 | 0.1 % |
| 0.125 | - | 55 | 1.4 % |
| 0.133 | - | 11 | 0.3 % |
| 0.143 | - | 81 | 2.1 % |
| 0.150 | - | 1 | 0.0 % |
| 0.154 | - | 24 | 0.6 % |
| 0.167 | - | 74 | 1.9 % |
| 0.176 | - | 1 | 0.0 % |
| 0.182 | - | 9 | 0.2 % |
| 0.188 | - | 7 | 0.2 % |
| 0.200 | - | 18 | 0.5 % |
| 0.211 | - | 1 | 0.0 % |
| 0.214 | - | 31 | 0.8 % |
| 0.222 | - | 5 | 0.1 % |
| 0.231 | - | 15 | 0.4 % |
| 0.235 | - | 5 | 0.1 % |
| 0.238 | - | 1 | 0.0 % |
| 0.250 | - | 43 | 1.1 % |
| 0.263 | - | 1 | 0.0 % |
| 0.267 | - | 9 | 0.2 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|-----------------------------------|----------------------|-------------|
| 0.273 | - | 6 | 0.2 % |
| 0.278 | - | 1 | 0.0 % |
| 0.286 | - | 28 | 0.7 % |
| 0.294 | - | 2 | 0.1 % |
| 0.300 | - | 6 | 0.2 % |
| 0.308 | - | 7 | 0.2 % |
| 0.313 | - | 6 | 0.2 % |
| 0.333 | - | 43 | 1.1 % |
| 0.357 | - | 15 | 0.4 % |
| 0.364 | - | 7 | 0.2 % |
| 0.368 | - | 1 | 0.0 % |
| 0.375 | - | 15 | 0.4 % |
| 0.385 | - | 7 | 0.2 % |
| 0.400 | - | 12 | 0.3 % |
| Missing Data | | | |
| 9995.000 | (9995) No graded course in year 1 | 39 | 1.0 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,908 valid cases out of 3,947 total cases.

- Mean: 0.072
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.167

Location: 436-443 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9995.000

EAOFIX2: OVERALL FAILURE INDEX YEAR2

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2721 | 68.9 % |
| 0.056 | - | 3 | 0.1 % |
| 0.059 | - | 5 | 0.1 % |
| 0.063 | - | 20 | 0.5 % |
| 0.067 | - | 23 | 0.6 % |
| 0.071 | - | 81 | 2.1 % |

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.077 | - | 40 | 1.0 % |
| 0.083 | - | 75 | 1.9 % |
| 0.091 | - | 12 | 0.3 % |
| 0.100 | - | 10 | 0.3 % |
| 0.105 | - | 1 | 0.0 % |
| 0.111 | - | 14 | 0.4 % |
| 0.118 | - | 6 | 0.2 % |
| 0.125 | - | 62 | 1.6 % |
| 0.133 | - | 25 | 0.6 % |
| 0.143 | - | 83 | 2.1 % |
| 0.154 | - | 23 | 0.6 % |
| 0.167 | - | 74 | 1.9 % |
| 0.176 | - | 4 | 0.1 % |
| 0.182 | - | 20 | 0.5 % |
| 0.188 | - | 14 | 0.4 % |
| 0.200 | - | 24 | 0.6 % |
| 0.214 | - | 32 | 0.8 % |
| 0.222 | - | 9 | 0.2 % |
| 0.226 | - | 1 | 0.0 % |
| 0.231 | - | 12 | 0.3 % |
| 0.235 | - | 1 | 0.0 % |
| 0.250 | - | 46 | 1.2 % |
| 0.267 | - | 6 | 0.2 % |
| 0.273 | - | 10 | 0.3 % |
| 0.286 | - | 30 | 0.8 % |
| 0.294 | - | 1 | 0.0 % |
| 0.300 | - | 10 | 0.3 % |
| 0.308 | - | 8 | 0.2 % |
| 0.313 | - | 10 | 0.3 % |
| 0.333 | - | 39 | 1.0 % |
| 0.346 | - | 1 | 0.0 % |
| 0.357 | - | 13 | 0.3 % |
| 0.364 | - | 2 | 0.1 % |
| 0.375 | - | 8 | 0.2 % |
| 0.381 | - | 1 | 0.0 % |
| 0.385 | - | 9 | 0.2 % |
| 0.400 | - | 9 | 0.2 % |
| 0.412 | - | 1 | 0.0 % |
| 0.417 | - | 5 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.429 | - | 7 | 0.2 % |
| 0.438 | - | 3 | 0.1 % |
| 0.444 | - | 5 | 0.1 % |
| 0.455 | - | 4 | 0.1 % |
| 0.462 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 2 | 112 | 2.8 % |
| 9995.000 | (9995) No graded course in year 2 | 18 | 0.5 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,817 valid cases out of 3,947 total cases.

- Mean: 0.078
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.177

Location: 444-451 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOFIX3: OVERALL FAILURE INDEX YEAR3

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2545 | 64.5 % |
| 0.050 | - | 2 | 0.1 % |
| 0.056 | - | 2 | 0.1 % |
| 0.059 | - | 5 | 0.1 % |
| 0.063 | - | 30 | 0.8 % |
| 0.067 | - | 29 | 0.7 % |
| 0.071 | - | 70 | 1.8 % |
| 0.077 | - | 35 | 0.9 % |
| 0.080 | - | 1 | 0.0 % |
| 0.083 | - | 62 | 1.6 % |
| 0.091 | - | 20 | 0.5 % |
| 0.095 | - | 2 | 0.1 % |
| 0.100 | - | 25 | 0.6 % |
| 0.103 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------|
| 0.105 | - | 3 | 0.1 % |
| 0.111 | - | 22 | 0.6 % |
| 0.118 | - | 3 | 0.1 % |
| 0.125 | - | 52 | 1.3 % |
| 0.133 | - | 27 | 0.7 % |
| 0.143 | - | 77 | 2.0 % |
| 0.150 | - | 1 | 0.0 % |
| 0.154 | - | 39 | 1.0 % |
| 0.167 | - | 80 | 2.0 % |
| 0.176 | - | 3 | 0.1 % |
| 0.182 | - | 14 | 0.4 % |
| 0.188 | - | 13 | 0.3 % |
| 0.190 | - | 1 | 0.0 % |
| 0.200 | - | 25 | 0.6 % |
| 0.211 | - | 3 | 0.1 % |
| 0.214 | - | 22 | 0.6 % |
| 0.222 | - | 11 | 0.3 % |
| 0.231 | - | 15 | 0.4 % |
| 0.235 | - | 6 | 0.2 % |
| 0.250 | - | 60 | 1.5 % |
| 0.267 | - | 8 | 0.2 % |
| 0.273 | - | 1 | 0.0 % |
| 0.286 | - | 33 | 0.8 % |
| 0.300 | - | 7 | 0.2 % |
| 0.308 | - | 12 | 0.3 % |
| 0.313 | - | 7 | 0.2 % |
| 0.316 | - | 1 | 0.0 % |
| 0.333 | - | 42 | 1.1 % |
| 0.350 | - | 1 | 0.0 % |
| 0.353 | - | 2 | 0.1 % |
| 0.357 | - | 12 | 0.3 % |
| 0.364 | - | 6 | 0.2 % |
| 0.375 | - | 14 | 0.4 % |
| 0.381 | - | 1 | 0.0 % |
| 0.385 | - | 6 | 0.2 % |
| 0.389 | - | 1 | 0.0 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 3 | 248 | 6.3 % |
| 9995.000 | (9995) No graded course in year 3 | 18 | 0.5 % |

| Value | Label | Unweighted Frequency | % |
|-------|--------------|----------------------|-------------|
| | Total | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,681 valid cases out of 3,947 total cases.

- Mean: 0.081
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.174

Location: 452-459 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOFIX4: OVERALL FAILURE INDEX YEAR4

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 2693 | 68.2 % |
| 0.038 | - | 1 | 0.0 % |
| 0.050 | - | 1 | 0.0 % |
| 0.053 | - | 2 | 0.1 % |
| 0.056 | - | 2 | 0.1 % |
| 0.059 | - | 2 | 0.1 % |
| 0.063 | - | 10 | 0.3 % |
| 0.067 | - | 12 | 0.3 % |
| 0.071 | - | 39 | 1.0 % |
| 0.077 | - | 25 | 0.6 % |
| 0.083 | - | 62 | 1.6 % |
| 0.091 | - | 33 | 0.8 % |
| 0.095 | - | 1 | 0.0 % |
| 0.100 | - | 32 | 0.8 % |
| 0.105 | - | 1 | 0.0 % |
| 0.111 | - | 36 | 0.9 % |
| 0.118 | - | 4 | 0.1 % |
| 0.125 | - | 47 | 1.2 % |
| 0.133 | - | 7 | 0.2 % |
| 0.143 | - | 39 | 1.0 % |
| 0.154 | - | 20 | 0.5 % |
| 0.158 | - | 2 | 0.1 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.167 | - | 60 | 1.5 % |
| 0.176 | - | 3 | 0.1 % |
| 0.182 | - | 18 | 0.5 % |
| 0.188 | - | 4 | 0.1 % |
| 0.200 | - | 37 | 0.9 % |
| 0.214 | - | 6 | 0.2 % |
| 0.222 | - | 12 | 0.3 % |
| 0.231 | - | 5 | 0.1 % |
| 0.235 | - | 1 | 0.0 % |
| 0.250 | - | 35 | 0.9 % |
| 0.258 | - | 1 | 0.0 % |
| 0.259 | - | 2 | 0.1 % |
| 0.267 | - | 3 | 0.1 % |
| 0.273 | - | 4 | 0.1 % |
| 0.286 | - | 11 | 0.3 % |
| 0.294 | - | 2 | 0.1 % |
| 0.300 | - | 5 | 0.1 % |
| 0.308 | - | 5 | 0.1 % |
| 0.313 | - | 2 | 0.1 % |
| 0.333 | - | 33 | 0.8 % |
| 0.357 | - | 3 | 0.1 % |
| 0.364 | - | 3 | 0.1 % |
| 0.375 | - | 6 | 0.2 % |
| 0.385 | - | 2 | 0.1 % |
| 0.400 | - | 10 | 0.3 % |
| 0.417 | - | 3 | 0.1 % |
| 0.421 | - | 1 | 0.0 % |
| 0.429 | - | 9 | 0.2 % |
| Missing Data | | | |
| 9992.000 | (9992) No course-taking data in year 4 | 443 | 11.2 % |
| 9995.000 | (9995) No graded course in year 4 | 26 | 0.7 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,478 valid cases out of 3,947 total cases.

- Mean: 0.056
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000

- Maximum: 1.000
- Standard Deviation: 0.147

Location: 460-467 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOFIX5: OVERALL FAILURE INDEX YEAR5

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|-------|
| 0.000 | - | 90 | 2.3 % |
| 0.037 | - | 1 | 0.0 % |
| 0.050 | - | 1 | 0.0 % |
| 0.071 | - | 3 | 0.1 % |
| 0.077 | - | 1 | 0.0 % |
| 0.083 | - | 3 | 0.1 % |
| 0.091 | - | 2 | 0.1 % |
| 0.095 | - | 1 | 0.0 % |
| 0.100 | - | 1 | 0.0 % |
| 0.125 | - | 4 | 0.1 % |
| 0.143 | - | 1 | 0.0 % |
| 0.167 | - | 4 | 0.1 % |
| 0.176 | - | 1 | 0.0 % |
| 0.200 | - | 3 | 0.1 % |
| 0.214 | - | 1 | 0.0 % |
| 0.231 | - | 1 | 0.0 % |
| 0.250 | - | 3 | 0.1 % |
| 0.273 | - | 1 | 0.0 % |
| 0.286 | - | 2 | 0.1 % |
| 0.300 | - | 2 | 0.1 % |
| 0.333 | - | 2 | 0.1 % |
| 0.400 | - | 1 | 0.0 % |
| 0.429 | - | 1 | 0.0 % |
| 0.467 | - | 1 | 0.0 % |
| 0.500 | - | 4 | 0.1 % |
| 0.667 | - | 1 | 0.0 % |
| 0.769 | - | 1 | 0.0 % |
| 0.771 | - | 1 | 0.0 % |
| 0.857 | - | 1 | 0.0 % |
| 0.900 | - | 1 | 0.0 % |
| 0.938 | - | 1 | 0.0 % |

| Value | Label | Unweighted Frequency | % |
|----------|--|----------------------|-------------|
| 1.000 | - | 6 | 0.2 % |
| | Missing Data | | |
| 9992.000 | (9992) No course-taking data in year 5 | 3794 | 96.1 % |
| 9995.000 | (9995) No graded course in year 5 | 6 | 0.2 % |
| | Total | 3,947 | 100% |

Based upon 147 valid cases out of 3,947 total cases.

- Mean: 0.140
- Median: 0.000
- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.263

Location: 468-475 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOFIX6: OVERALL FAILURE INDEX YEAR6+

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|----------|---|----------------------|-------------|
| 0.000 | - | 25 | 0.6 % |
| 0.125 | - | 1 | 0.0 % |
| 0.143 | - | 1 | 0.0 % |
| 0.167 | - | 1 | 0.0 % |
| 0.273 | - | 1 | 0.0 % |
| 0.333 | - | 1 | 0.0 % |
| 0.353 | - | 1 | 0.0 % |
| 0.525 | - | 1 | 0.0 % |
| 0.700 | - | 1 | 0.0 % |
| 0.714 | - | 1 | 0.0 % |
| 0.750 | - | 1 | 0.0 % |
| 1.000 | - | 1 | 0.0 % |
| | Missing Data | | |
| 9992.000 | (9992) No course-taking data in year 6+ | 3909 | 99.0 % |
| 9995.000 | (9995) No graded course in year 6+ | 2 | 0.1 % |
| | Total | 3,947 | 100% |

Based upon 36 valid cases out of 3,947 total cases.

- Mean: 0.141
- Median: 0.000

- Mode: 0.000
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.267

Location: 476-483 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9992.000 , 9995.000

EAOFIXC: OVERALL FAILURE INDEX ACROSS ALL YRS

Proportion of all courses that students failed in each year (EAOFIX1-6) and cumulatively (EAOFIXC).

| Value | Label | Unweighted Frequency | % |
|-------|-------|----------------------|--------|
| 0.000 | - | 1989 | 50.4 % |
| 0.014 | - | 2 | 0.1 % |
| 0.015 | - | 5 | 0.1 % |
| 0.016 | - | 9 | 0.2 % |
| 0.017 | - | 10 | 0.3 % |
| 0.018 | - | 23 | 0.6 % |
| 0.019 | - | 35 | 0.9 % |
| 0.020 | - | 45 | 1.1 % |
| 0.021 | - | 41 | 1.0 % |
| 0.022 | - | 30 | 0.8 % |
| 0.023 | - | 14 | 0.4 % |
| 0.024 | - | 12 | 0.3 % |
| 0.025 | - | 4 | 0.1 % |
| 0.026 | - | 5 | 0.1 % |
| 0.027 | - | 3 | 0.1 % |
| 0.028 | - | 4 | 0.1 % |
| 0.029 | - | 16 | 0.4 % |
| 0.030 | - | 13 | 0.3 % |
| 0.031 | - | 18 | 0.5 % |
| 0.032 | - | 15 | 0.4 % |
| 0.033 | - | 11 | 0.3 % |
| 0.034 | - | 18 | 0.5 % |
| 0.035 | - | 5 | 0.1 % |
| 0.036 | - | 27 | 0.7 % |
| 0.037 | - | 17 | 0.4 % |
| 0.038 | - | 37 | 0.9 % |
| 0.039 | - | 21 | 0.5 % |
| 0.040 | - | 28 | 0.7 % |
| 0.041 | - | 14 | 0.4 % |
| 0.042 | - | 20 | 0.5 % |

| Value | Label | Unweighted Frequency | % |
|---------------------|--|----------------------|-------------|
| 0.043 | - | 29 | 0.7 % |
| 0.044 | - | 11 | 0.3 % |
| 0.045 | - | 9 | 0.2 % |
| 0.046 | - | 1 | 0.0 % |
| 0.047 | - | 2 | 0.1 % |
| 0.048 | - | 13 | 0.3 % |
| 0.049 | - | 6 | 0.2 % |
| 0.050 | - | 7 | 0.2 % |
| 0.051 | - | 8 | 0.2 % |
| 0.052 | - | 3 | 0.1 % |
| 0.053 | - | 7 | 0.2 % |
| 0.054 | - | 9 | 0.2 % |
| 0.055 | - | 3 | 0.1 % |
| 0.056 | - | 13 | 0.3 % |
| 0.057 | - | 8 | 0.2 % |
| 0.058 | - | 9 | 0.2 % |
| 0.059 | - | 18 | 0.5 % |
| 0.060 | - | 13 | 0.3 % |
| 0.061 | - | 15 | 0.4 % |
| 0.062 | - | 2 | 0.1 % |
| Missing Data | | | |
| 9995.000 | (9995) No graded course in years 1 to 6+ | 28 | 0.7 % |
| Total | | 3,947 | 100% |

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 3,919 valid cases out of 3,947 total cases.

- Mean: 0.082
- Minimum: 0.000
- Maximum: 1.000
- Standard Deviation: 0.155

Location: 484-491 (width: 8; decimal: 3)

Variable Type: numeric

(Range of) Missing Values: 9995.000