
FULLID

Student Rec. 1/1
Pos. 1-15
Format: A15

Full student ID 15-digit

	CODES	FREQ	PER- CENT
	-----	-----	-----
Al pha.....	Al pha	5611	100.0%
TOTALS:		5611	100.0%

OECD

Student Rec. 1/1
Pos. 16-16
Format: N1

OECD country

	CODES	FREQ	PER- CENT
	-----	-----	-----
OECD.....	1	5611	100.0%
TOTALS:		5611	100.0%

CNT

Student Rec. 1/1
Pos. 17-19
Format: A3

Country code 3-character

	CODES	FREQ	PER- CENT
	-----	-----	-----
Uni ted States.....	USA	5611	100.0%
TOTALS:		5611	100.0%

COUNTRY

Student Rec. 1/1
Pos. 20-22
Format: A3

Country code 3-digit

	CODES	FREQ	PER- CENT
	-----	-----	-----
Uni ted States.....	840	5611	100.0%

TOTALS:

-----	-----
5611	100.0%

SUBNATIO

Student Rec. 1/1
Pos. 23-27
Format: A5

Subnation code

	CODES	FREQ	PER- CENT
United States.....	84000	5611	100.0%
TOTALS:		5611	100.0%

SCHOOLID

Student Rec. 1/1
Pos. 28-32
Format: A5

School ID 5-digit

	CODES	FREQ	PER- CENT
Alpha.....	Alpha	5611	100.0%
TOTALS:		5611	100.0%

STIDSTD

Student Rec. 1/1
Pos. 33-37
Format: A5

Student ID 5-digit

	CODES	FREQ	PER- CENT
Alpha.....	Alpha	5611	100.0%
TOTALS:		5611	100.0%

ST01Q01

Student Rec. 1/1
Pos. 38-39
Format: N2

Grade Q1

What grade are you in?

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	CODES	FREQ	PER-CENT
7th grade.....	7	12	0.2%
8th grade.....	8	20	0.4%
9th grade.....	9	616	11.0%
10th grade.....	10	4018	71.6%
11th grade.....	11	936	16.7%
12th grade.....	12	7	0.1%
Mi ssi ng.....	99	2	0.0%
TOTALS:		5611	100.0%

ST02Q01

Student Rec. 1/1
Pos. 40-41
Format: N2

Study program

	CODES	FREQ	PER-CENT
Grades 7 - 9.....	1	648	11.5%
Grades 10 - 12.....	2	4961	88.4%
Mi ssi ng.....	99	2	0.0%
TOTALS:		5611	100.0%

ST03Q02

Student Rec. 1/1
Pos. 42-43
Format: N2

Birth Month Q2b

On what date were you born?
(Please write the month, day and year you were born.)
Month

	CODES	FREQ	PER-CENT
January.....	1	477	8.5%
February.....	2	437	7.8%
March.....	3	477	8.5%
April.....	4	440	7.8%
May.....	5	511	9.1%
June.....	6	460	8.2%
July.....	7	460	8.2%
August.....	8	469	8.4%
September.....	9	474	8.4%
October.....	10	497	8.9%
November.....	11	478	8.5%
December.....	12	431	7.7%

TOTALS: 5611 100.0%

ST03Q03

Student Rec. 1/1
Pos. 44-45
Format: N2

Birth Year Q2c

On what date were you born?
(Please write the month, day and year you were born.)
Year

	CODES	FREQ	PER-CENT
1990.....	90	2809	50.1%
1991.....	91	2802	49.9%
TOTALS:		5611	100.0%

ST04Q01

Student Rec. 1/1
Pos. 46-46
Format: N1

Gender Q4

Are you female or male?

	CODES	FREQ	PER-CENT
Female.....	1	2771	49.4%
Male.....	2	2839	50.6%
Missing.....	9	1	0.0%
TOTALS:		5611	100.0%

ST05N01

Student Rec. 1/1
Pos. 47-47
Format: N1

Mother Currently Doing - Q5a
What is your mother currently doing?

	CODES	FREQ	PER-CENT
Working Full-time.....	1	3192	56.9%
Working Part-Time.....	2	829	14.8%
Looking for work.....	3	354	6.3%
Other.....	4	1061	18.9%
Invalid.....	8	23	0.4%
Missing.....	9	152	2.7%

TOTALS: 5611 100.0%

ST05Q01

Student Rec. 1/1
Pos. 48-51
Format: N4

Mother - ISCO code occupation Q5b

Title and duties for mother's main job were entered and subsequently coded using the ISCO code for occupation.

	CODES	FREQ	PER-CENT
{1120-9505}.....	C	5195	92.6%
N/A.....	9997	11	0.2%
Missing.....	9999	405	7.2%
TOTALS:		5611	100.0%

ST06Q01

Student Rec. 1/1
Pos. 52-52
Format: N1

Mother Highest Schooling Q6

What is the highest level of schooling (not including college) completed by your mother? If you are not sure which box to choose, please ask the test administrator for help.

	CODES	FREQ	PER-CENT
Completed Grade 12.....	1	4784	85.3%
Completed Grade 9.....	3	428	7.6%
Completed Grade 6.....	4	127	2.3%
Completed Grade 5 or less.....	5	82	1.5%
N/A.....	7	11	0.2%
Invalid.....	8	25	0.4%
Missing.....	9	154	2.7%
TOTALS:		5611	100.0%

ST07Q01

Student Rec. 1/1
Pos. 53-53
Format: N1

Mother - Bachelors degree Q7a

Does your mother have any of the following qualifications? If you are not sure how to answer this question, please ask the test administrator for help.

- a) Bachelor's (4-year college degree), master's, doctoral, or professional degree such as medicine or law

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	1594	28.4%
No.....	2	3256	58.0%
N/A.....	7	11	0.2%
I nval i d.....	8	1	0.0%
Mi ssi ng.....	9	749	13.3%
TOTALS:		5611	100.0%

ST07Q02

Student Rec. 1/1
Pos. 54-54
Format: N1

Mother - Associates degree Q7b

Does your mother have any of the following qualifications? If you are not sure how to answer this question, please ask the test administrator for help.

b) Associate's degree (2-year degree from a community college)

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	1444	25.7%
No.....	2	3090	55.1%
N/A.....	7	11	0.2%
I nval i d.....	8	5	0.1%
Mi ssi ng.....	9	1061	18.9%
TOTALS:		5611	100.0%

ST07Q03

Student Rec. 1/1
Pos. 55-55
Format: N1

Mother - Vocational School Q7c

Does your mother have any of the following qualifications? If you are not sure how to answer this question, please ask the test administrator for help.

c) Vocational or technical certificate/diploma after high school (such as cosmetology or auto mechanics)

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	922	16.4%
No.....	2	3463	61.7%
N/A.....	7	11	0.2%
I nval i d.....	8	5	0.1%
Mi ssi ng.....	9	1210	21.6%
TOTALS:		5611	100.0%

ST08N01

Student Rec. 1/1
Pos. 56-56
Format: N1

Father Currently Doing - Q8a

What is your father currently doing?

	CODES	FREQ	PER- CENT
	-----	-----	-----
Working Full-time.....	1	4272	76.1%
Working Part-Time.....	2	294	5.2%
Looking for work.....	3	157	2.8%
Other.....	4	513	9.1%
Invalid.....	8	14	0.2%
Mis si ng.....	9	361	6.4%
		-----	-----
TOTALS:		5611	100.0%

ST08Q01

Student Rec. 1/1
Pos. 57-60
Format: N4

Father - ISCO code occupation

Title and duties for father's main job were entered and subsequently coded using the ISCO code for occupation.

	CODES	FREQ	PER- CENT
	-----	-----	-----
{1120-9505}.....	C	4975	88.7%
N/A.....	9997	11	0.2%
Mi s si ng.....	9999	625	11.1%
		-----	-----
TOTALS:		5611	100.0%

ST09Q01

Student Rec. 1/1
Pos. 61-61
Format: N1

Father Highest Schooling Q9

What is the highest level of schooling (not including college) completed by your father? If you are not sure how to answer this question, please ask the test administrator for help.

	CODES	FREQ	PER- CENT
	-----	-----	-----
Completed Grade 12.....	1	4484	79.9%
Completed Grade 9.....	3	469	8.4%

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Completed Grade 6.....	4	129	2.3%
Completed Grade 5 or less.....	5	92	1.6%
N/A.....	7	11	0.2%
Invalid.....	8	28	0.5%
Missing.....	9	398	7.1%
TOTALS:		5611	100.0%

ST10Q01

Student Rec. 1/1
Pos. 62-62
Format: N1

Father - Bachelors degree Q10a

Does your father have any of the following qualifications? If you are not sure which box to choose, please ask the test administrator for help.

a) Bachelor's (4-year college degree), master's, doctoral, or professional degree such as medicine or law

	CODES	FREQ	PER-CENT
Yes.....	1	1580	28.2%
No.....	2	2958	52.7%
N/A.....	7	11	0.2%
Invalid.....	8	10	0.2%
Missing.....	9	1052	18.7%
TOTALS:		5611	100.0%

ST10Q02

Student Rec. 1/1
Pos. 63-63
Format: N1

Father - Associates degree Q10b

Does your father have any of the following qualifications? If you are not sure which box to choose, please ask the test administrator for help.

b) Associate's degree (2-year degree from a community college)

	CODES	FREQ	PER-CENT
Yes.....	1	1078	19.2%
No.....	2	3118	55.6%
N/A.....	7	11	0.2%
Invalid.....	8	15	0.3%
Missing.....	9	1389	24.8%
TOTALS:		5611	100.0%

ST10Q03

Student Rec. 1/1

Father - Vocational school Q10c

Does your father have any of the following qualifications? If you are not sure which box to choose, please ask the test administrator for help.
c) Vocational or technical certificate/diploma after high school (such as cosmetology or auto mechanics)

	CODES	FREQ	PER-CENT
Yes.....	1	1134	20.2%
No.....	2	3002	53.5%
N/A.....	7	11	0.2%
Invalid.....	8	13	0.2%
Missing.....	9	1451	25.9%
TOTALS:		5611	100.0%

ST11Q01

Student Rec. 1/1
Pos. 65-65
Format: N1

Country of birth Self Q11a

In what country were you and your parents born?
You

	CODES	FREQ	PER-CENT
US.....	1	5078	90.5%
Other Country.....	2	404	7.2%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	115	2.0%
TOTALS:		5611	100.0%

ST11Q02

Student Rec. 1/1
Pos. 66-66
Format: N1

Country of birth Mother Q11b

In what country were you and your parents born?
Mother

	CODES	FREQ	PER-CENT
US.....	1	4430	79.0%
Other Country.....	2	1046	18.6%
N/A.....	7	11	0.2%

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Inval id.....	8	3	0.1%
Mi ssi ng.....	9	121	2.2%
TOTALS:		5611	100.0%

ST11Q03

Student Rec. 1/1
Pos. 67-67
Format: N1

Country of birth Father Q11c

In what country were you and your parents born?
Father

	CODES	FREQ	PER- CENT
	-----	-----	-----
US.....	1	4385	78.2%
Other Country.....	2	1024	18.2%
N/A.....	7	11	0.2%
Inval id.....	8	5	0.1%
Mi ssi ng.....	9	186	3.3%
TOTALS:		5611	100.0%

ST11Q04

Student Rec. 1/1
Pos. 68-69
Format: N2

Country of birth Age Q11d

If you were NOT born in the United States, how old were you when you arrived in the United States? If you were less than 12 months old, please write zero (0)

	CODES	FREQ	PER- CENT
	-----	-----	-----
0 years.....	0	167	3.0%
1 year.....	1	21	0.4%
2 years.....	2	33	0.6%
3 years.....	3	39	0.7%
4 years.....	4	29	0.5%
5 years.....	5	27	0.5%
6 years.....	6	24	0.4%
7 years.....	7	29	0.5%
8 years.....	8	19	0.3%
9 years.....	9	22	0.4%
10 years.....	10	25	0.4%
11 years.....	11	22	0.4%
12 years.....	12	17	0.3%
13 years.....	13	16	0.3%
14 years.....	14	16	0.3%
15 years.....	15	15	0.3%
16 years.....	16	5	0.1%
N/A.....	97	3927	70.0%
Inval id.....	98	15	0.3%

Mi ssi ng.	99	1143	20.4%
TOTALS:		5611	100.0%

ST12Q01

Student Rec. 1/1
Pos. 70-70
Format: N1

Language at home Q12

What language do you speak at home most of the time?

	CODES	FREQ	PER- CENT
	-----	-----	-----
Engl i sh.	1	4862	86.7%
Other language.	3	607	10.8%
N/A.	7	25	0.4%
I nval i d.	8	70	1.2%
Mi ssi ng.	9	47	0.8%
TOTALS:		5611	100.0%

ST13Q01

Student Rec. 1/1
Pos. 71-71
Format: N1

Possessi ons desk Q13a

Which of the following are in your home?
a) A desk to study at

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.	1	4478	79.8%
No.	2	1056	18.8%
N/A.	7	11	0.2%
I nval i d.	8	2	0.0%
Mi ssi ng.	9	64	1.1%
TOTALS:		5611	100.0%

ST13Q02

Student Rec. 1/1
Pos. 72-72
Format: N1

Possessi ons own room Q13b

Which of the following are in your home?
b) A room of your own

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	CODES	FREQ	PER-CENT
Yes.....	1	4888	87.1%
No.....	2	673	12.0%
N/A.....	7	11	0.2%
Missi ng.....	9	39	0.7%
TOTALS:		5611	100.0%

ST13Q03

Student Rec. 1/1
Pos. 73-73
Format: N1

Possessi ons study place Q13c

Which of the following are in your home?
c) A quiet place to study

	CODES	FREQ	PER-CENT
Yes.....	1	4886	87.1%
No.....	2	651	11.6%
N/A.....	7	11	0.2%
Missi ng.....	9	63	1.1%
TOTALS:		5611	100.0%

ST13Q04

Student Rec. 1/1
Pos. 74-74
Format: N1

Possessi ons computer Q13d

Which of the following are in your home?
d) A computer you can use for school work

	CODES	FREQ	PER-CENT
Yes.....	1	4926	87.8%
No.....	2	625	11.1%
N/A.....	7	11	0.2%
Inval i d.....	8	5	0.1%
Missi ng.....	9	44	0.8%
TOTALS:		5611	100.0%

ST13Q05

Student Rec. 1/1
Pos. 75-75
Format: N1

Possessi ons software Q13e

Which of the following are in your home?
e) Educational software

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	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	3621	64.5%
No.....	2	1868	33.3%
N/A.....	7	11	0.2%
I nval i d.....	8	3	0.1%
Mi ssi ng.....	9	108	1.9%
TOTALS:		5611	100.0%

ST13Q06

Student Rec. 1/1
Pos. 76-76
Format: N1

Possessions Internet Q13f

Which of the following are in your home?
f) A link to the Internet

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	4721	84.1%
No.....	2	822	14.6%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	55	1.0%
TOTALS:		5611	100.0%

ST13Q07

Student Rec. 1/1
Pos. 77-77
Format: N1

Possessions calculator Q13g

Which of the following are in your home?
g) Your own calculator

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	5333	95.0%
No.....	2	222	4.0%
N/A.....	7	11	0.2%
I nval i d.....	8	3	0.1%
Mi ssi ng.....	9	42	0.7%
TOTALS:		5611	100.0%

ST13Q08

Student Rec. 1/1

Possessions Literature Q13h

Which of the following are in your home?
h) Classic literature (e.g., Shakespeare)

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	2397	42.7%
No.....	2	3077	54.8%
N/A.....	7	11	0.2%
I n v a l i d.....	8	1	0.0%
M i s s i n g.....	9	125	2.2%
TOTALS:		5611	100.0%

ST13Q09

Student Rec. 1/1
Pos. 79-79
Format: N1

Possessions poetry Q13i

Which of the following are in your home?
i) Books of poetry

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	2645	47.1%
No.....	2	2846	50.7%
N/A.....	7	11	0.2%
I n v a l i d.....	8	2	0.0%
M i s s i n g.....	9	107	1.9%
TOTALS:		5611	100.0%

ST13Q10

Student Rec. 1/1
Pos. 80-80
Format: N1

Possessions art Q13j

Which of the following are in your home?
j) Works of art (e.g. paintings)

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	3761	67.0%
No.....	2	1748	31.2%
N/A.....	7	11	0.2%
I n v a l i d.....	8	4	0.1%
M i s s i n g.....	9	87	1.6%

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 5611 100.0%

TOTALS:

 ST13Q11

 Student Rec. 1/1
 Pos. 81-81
 Format: N1

Possessions textbooks Q13k

Which of the following are in your home?
 k) Books to help you with your school work

	CODES	FREQ	PER-CENT
	-----	-----	-----
Yes.....	1	4540	80.9%
No.....	2	991	17.7%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	67	1.2%
TOTALS:		-----	-----
		5611	100.0%

 ST13Q12

 Student Rec. 1/1
 Pos. 82-82
 Format: N1

Possessions dictionary Q13l

Which of the following are in your home?
 l) A dictionary

	CODES	FREQ	PER-CENT
	-----	-----	-----
Yes.....	1	5279	94.1%
No.....	2	274	4.9%
N/A.....	7	11	0.2%
Missing.....	9	47	0.8%
TOTALS:		-----	-----
		5611	100.0%

 ST13Q13

 Student Rec. 1/1
 Pos. 83-83
 Format: N1

Possessions dishwasher Q13m

Which of the following are in your home?
 m) A dishwasher

	CODES	FREQ	PER-CENT
	-----	-----	-----
Yes.....	1	4294	76.5%

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No.....	2	1236	22.0%
N/A.....	7	11	0.2%
I nval i d.....	8	1	0.0%
Mi ssi ng.....	9	69	1.2%
TOTALS:		5611	100.0%

ST13Q14

Student Rec. 1/1
Pos. 84-84
Format: N1

Possessions <DVD or VCR> Q13n

Which of the following are in your home?
n) A DVD or VCR player

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	5492	97.9%
No.....	2	65	1.2%
N/A.....	7	11	0.2%
I nval i d.....	8	4	0.1%
Mi ssi ng.....	9	39	0.7%
TOTALS:		5611	100.0%

ST13Q15

Student Rec. 1/1
Pos. 85-85
Format: N1

Possessions guest room Q13o

Which of the following are in your home?
o) A guest room

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	2577	45.9%
No.....	2	2909	51.8%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	112	2.0%
TOTALS:		5611	100.0%

ST13Q16

Student Rec. 1/1
Pos. 86-86
Format: N1

Possessions high speed internet Q13p

Which of the following are in your home?
p) A high-speed internet connection

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	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	3903	69.6%
No.....	2	1615	28.8%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	80	1.4%
TOTALS:		----- 5611	----- 100.0%

ST13Q17

Student Rec. 1/1
Pos. 87-87
Format: N1

Possessions iPod or MP3 Q13q

Which of the following are in your home?
q) An iPod or MP3 player

	CODES	FREQ	PER- CENT
	-----	-----	-----
Yes.....	1	3723	66.4%
No.....	2	1791	31.9%
N/A.....	7	11	0.2%
Mi ssi ng.....	9	86	1.5%
TOTALS:		----- 5611	----- 100.0%

ST14Q01

Student Rec. 1/1
Pos. 88-88
Format: N1

How many cell phones Q14a

How many of these are there at your home?
a) Cellular phones

	CODES	FREQ	PER- CENT
	-----	-----	-----
None.....	1	223	4.0%
One.....	2	492	8.8%
Two.....	3	1085	19.3%
Three or more.....	4	3757	67.0%
N/A.....	7	11	0.2%
I nval i d.....	8	6	0.1%
Mi ssi ng.....	9	37	0.7%
TOTALS:		----- 5611	----- 100.0%

ST14Q02

Student Rec. 1/1
Pos. 89-89
Format: N1

How many televisions Q14b

How many of these are there at your home?
b) Televisions

	CODES	FREQ	PER-CENT
None.....	1	41	0.7%
One.....	2	243	4.3%
Two.....	3	862	15.4%
Three or more.....	4	4412	78.6%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	34	0.6%
TOTALS:		5611	100.0%

ST14Q03

Student Rec. 1/1
Pos. 90-90
Format: N1

How many computers Q14c

How many of these are there at your home?
c) Computers

	CODES	FREQ	PER-CENT
None.....	1	629	11.2%
One.....	2	2255	40.2%
Two.....	3	1517	27.0%
Three or more.....	4	1136	20.2%
N/A.....	7	11	0.2%
Invalid.....	8	16	0.3%
Missing.....	9	47	0.8%
TOTALS:		5611	100.0%

ST14Q04

Student Rec. 1/1
Pos. 91-91
Format: N1

How many cars Q14d

How many of these are there at your home?
d) Cars

	CODES	FREQ	PER-CENT
None.....	1	232	4.1%

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One.....	2	875	15.6%
Two.....	3	1773	31.6%
Three or more.....	4	2645	47.1%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	73	1.3%
TOTALS:		5611	100.0%

ST14Q05

Student Rec. 1/1
Pos. 92-92
Format: N1

How many rooms with bath or shower Q14e

How many of these are there at your home?
e) Rooms with a bath or shower

	CODES	FREQ	PER- CENT
	-----	-----	-----
None.....	1	515	9.2%
One.....	2	1743	31.1%
Two.....	3	2131	38.0%
Three or more.....	4	1161	20.7%
N/A.....	7	1	0.0%
I nval i d.....	8	1	0.0%
Mi ssi ng.....	9	59	1.1%
TOTALS:		5611	100.0%

ST15Q01

Student Rec. 1/1
Pos. 93-93
Format: N1

How many books at home Q15

How many books are there in your home? There are usually about 40 books per yard of shelvi ng. Do not i ncl ude magazi nes, newspapers, or your school books.

	CODES	FREQ	PER- CENT
	-----	-----	-----
0-10 books.....	1	890	15.9%
11-25 books.....	2	864	15.4%
26-100 books.....	3	1605	28.6%
101-200 books.....	4	1010	18.0%
201-500 books.....	5	730	13.0%
More than 500 books.....	6	427	7.6%
N/A.....	7	11	0.2%
I nval i d.....	8	4	0.1%
Mi ssi ng.....	9	70	1.2%
TOTALS:		5611	100.0%

ST16Q01

Student Rec. 1/1
Pos. 94-94
Format: N1

Sci Enjoyment - Have Fun Q16a

How much do you agree with the statements below?
a) I generally have fun when I am learning
science topics

	CODES	FREQ	PER- CENT
Strongly agree.....	1	752	13.4%
Agree.....	2	2660	47.4%
Disagree.....	3	1625	29.0%
Strongly disagree.....	4	511	9.1%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	51	0.9%
TOTALS:		5611	100.0%

ST16Q02

Student Rec. 1/1
Pos. 95-95
Format: N1

Sci Enjoyment - Like Reading Q16b

How much do you agree with the statements below?
b) I like reading about science

	CODES	FREQ	PER- CENT
Strongly agree.....	1	526	9.4%
Agree.....	2	2040	36.4%
Disagree.....	3	2305	41.1%
Strongly disagree.....	4	671	12.0%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	54	1.0%
TOTALS:		5611	100.0%

ST16Q03

Student Rec. 1/1
Pos. 96-96
Format: N1

Sci Enjoyment - Sci Problems Q16c

How much do you agree with the statements below?
c) I am happy doing science problems

PER-

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	CODES	FREQ	CENT
Strongly agree.....	1	447	8.0%
Agree.....	2	1829	32.6%
Disagree.....	3	2526	45.0%
Strongly disagree.....	4	729	13.0%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	65	1.2%
TOTALS:		5611	100.0%

ST16Q04

Student Rec. 1/1
Pos. 97-97
Format: N1

Sci Enjoyment - New Knowledge Q16d

How much do you agree with the statements below?
d) I enjoy acquiring new knowledge in science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	903	16.1%
Agree.....	2	2804	50.0%
Disagree.....	3	1364	24.3%
Strongly disagree.....	4	460	8.2%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	67	1.2%
TOTALS:		5611	100.0%

ST16Q05

Student Rec. 1/1
Pos. 98-98
Format: N1

Sci Enjoyment - Learning Science Q16e

How much do you agree with the statements below?
e) I am interested in learning about science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	975	17.4%
Agree.....	2	2608	46.5%
Disagree.....	3	1430	25.5%
Strongly disagree.....	4	526	9.4%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	55	1.0%
TOTALS:		5611	100.0%

ST17Q01

Student Rec. 1/1
Pos. 99-99
Format: N1

Sci Tasks - Newspaper Q17a

How easy do you think it would be for you to perform the following tasks on your own?
a) Recognize the science question that underlies a newspaper report on a health issue

	CODES	FREQ	PER- CENT
	-----	-----	-----
Do easily.....	1	1524	27.2%
With some effort.....	2	2850	50.8%
Struggle on own.....	3	953	17.0%
Couldn't do it.....	4	211	3.8%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	61	1.1%
TOTALS:		----- 5611	----- 100.0%

ST17Q02

Student Rec. 1/1
Pos. 100-100
Format: N1

Sci Tasks - Earthquakes Q17b

How easy do you think it would be for you to perform the following tasks on your own?
b) Explain why earthquakes occur more frequently in some areas than in others

	CODES	FREQ	PER- CENT
	-----	-----	-----
Do easily.....	1	1962	35.0%
With some effort.....	2	2242	40.0%
Struggle on own.....	3	1039	18.5%
Couldn't do it.....	4	289	5.2%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	65	1.2%
TOTALS:		----- 5611	----- 100.0%

ST17Q03

Student Rec. 1/1
Pos. 101-101
Format: N1

Sci Tasks - Antibiotics Q17c

How easy do you think it would be for you to perform the following tasks on your own?

c) Describe the role of antibiotics in the treatment of disease

	CODES	FREQ	PER-CENT
Do easily.....	1	1230	21.9%
With some effort.....	2	2244	40.0%
Struggle on own.....	3	1508	26.9%
Couldn't do it.....	4	539	9.6%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	77	1.4%
TOTALS:		5611	100.0%

 ST17Q04

 Student Rec. 1/1
 Pos. 102-102
 Format: N1

Sci Tasks - Garbage Q17d

How easy do you think it would be for you to perform the following tasks on your own?
 d) Identify the science question associated with the disposal of garbage

	CODES	FREQ	PER-CENT
Do easily.....	1	1077	19.2%
With some effort.....	2	2467	44.0%
Struggle on own.....	3	1510	26.9%
Couldn't do it.....	4	465	8.3%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	74	1.3%
TOTALS:		5611	100.0%

 ST17Q05

 Student Rec. 1/1
 Pos. 103-103
 Format: N1

Sci Tasks - Species survival Q17e

How easy do you think it would be for you to perform the following tasks on your own?
 e) Predict how changes to an environment will affect the survival of certain species

	CODES	FREQ	PER-CENT
Do easily.....	1	1947	34.7%
With some effort.....	2	2288	40.8%
Struggle on own.....	3	961	17.1%

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Couldn't do it.....	4	328	5.8%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	72	1.3%
TOTALS:		5611	100.0%

ST17Q06

Student Rec. 1/1
Pos. 104-104
Format: N1

Sci Tasks - Food Labels Q17f

How easy do you think it would be for you to perform the following tasks on your own?
f) Interpret the scientific information provided on the labels of food items

	CODES	FREQ	PER-CENT
	-----	-----	-----
Do easily.....	1	1514	27.0%
With some effort.....	2	2371	42.3%
Struggle on own.....	3	1262	22.5%
Couldn't do it.....	4	362	6.5%
N/A.....	7	11	0.2%
Invalid.....	8	12	0.2%
Missing.....	9	79	1.4%
TOTALS:		5611	100.0%

ST17Q07

Student Rec. 1/1
Pos. 105-105
Format: N1

Sci Tasks - Life on Mars Q17g

How easy do you think it would be for you to perform the following tasks on your own?
g) Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars

	CODES	FREQ	PER-CENT
	-----	-----	-----
Do easily.....	1	1076	19.2%
With some effort.....	2	2161	38.5%
Struggle on own.....	3	1606	28.6%
Couldn't do it.....	4	681	12.1%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	72	1.3%
TOTALS:		5611	100.0%

ST17Q08

Student Rec. 1/1
Pos. 106-106
Format: N1

Sci Tasks - Acid rain Q17h

How easy do you think it would be for you to perform the following tasks on your own?
h) Identify the better of two explanations for the formation of acid rain

	CODES	FREQ	PER- CENT
	-----	-----	-----
Do easily.....	1	1068	19.0%
With some effort.....	2	2126	37.9%
Struggle on own.....	3	1602	28.6%
Couldn't do it.....	4	734	13.1%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	69	1.2%
		-----	-----
TOTALS:		5611	100.0%

ST18Q01

Student Rec. 1/1
Pos. 107-107
Format: N1

Sci Value - Living conditions Q18a

How much do you agree with the statements below?
a) Advances in science and technology usually improve people's living conditions

	CODES	FREQ	PER- CENT
	-----	-----	-----
Strongly agree.....	1	2238	39.9%
Agree.....	2	2841	50.6%
Disagree.....	3	368	6.6%
Strongly disagree.....	4	83	1.5%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	66	1.2%
		-----	-----
TOTALS:		5611	100.0%

ST18Q02

Student Rec. 1/1
Pos. 108-108
Format: N1

Sci Value - Natural world Q18b

How much do you agree with the statements below?
b) Science is important for helping us to understand the natural world

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	CODES	FREQ	PER- CENT
Strongly agree.....	1	2411	43.0%
Agree.....	2	2797	49.8%
Disagree.....	3	251	4.5%
Strongly disagree.....	4	67	1.2%
N/A.....	7	11	0.2%
Missing.....	9	74	1.3%
TOTALS:		5611	100.0%

ST18Q03

Student Rec. 1/1
Pos. 109-109
Format: N1

Sci Value - Relate to others Q18c

How much do you agree with the statements below?

c) Some concepts in science help me see how I relate to other people

	CODES	FREQ	PER- CENT
Strongly agree.....	1	996	17.8%
Agree.....	2	2973	53.0%
Disagree.....	3	1381	24.6%
Strongly disagree.....	4	172	3.1%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	73	1.3%
TOTALS:		5611	100.0%

ST18Q04

Student Rec. 1/1
Pos. 110-110
Format: N1

Sci Value - Improve economy Q18d

How much do you agree with the statements below?

d) Advances in science and technology usually help improve the economy

	CODES	FREQ	PER- CENT
Strongly agree.....	1	1648	29.4%
Agree.....	2	3142	56.0%
Disagree.....	3	614	10.9%
Strongly disagree.....	4	109	1.9%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	82	1.5%
TOTALS:		5611	100.0%

ST18Q05

Student Rec. 1/1
Pos. 111-111
Format: N1

Sci Value - Use as adult Q18e

How much do you agree with the statements below?
e) I will use science in many ways when I am an adult

	CODES	FREQ	PER- CENT
	-----	-----	-----
Strongly agree.....	1	1289	23.0%
Agree.....	2	2669	47.6%
Disagree.....	3	1296	23.1%
Strongly disagree.....	4	258	4.6%
N/A.....	7	11	0.2%
Invalid.....	8	10	0.2%
Missing.....	9	78	1.4%
	-----	-----	-----
TOTALS:		5611	100.0%

ST18Q06

Student Rec. 1/1
Pos. 112-112
Format: N1

Sci Value - Value to society Q18f

How much do you agree with the statements below?
f) Science is valuable to society

	CODES	FREQ	PER- CENT
	-----	-----	-----
Strongly agree.....	1	1900	33.9%
Agree.....	2	3064	54.6%
Disagree.....	3	447	8.0%
Strongly disagree.....	4	100	1.8%
N/A.....	7	11	0.2%
Invalid.....	8	11	0.2%
Missing.....	9	78	1.4%
	-----	-----	-----
TOTALS:		5611	100.0%

ST18Q07

Student Rec. 1/1
Pos. 113-113
Format: N1

Sci Value - Relevant to me Q18g

How much do you agree with the statements below?
g) Science is very relevant to me

	CODES	FREQ	PER- CENT
--	-------	------	--------------

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	CODES	FREQ	PER-CENT
Strongly agree.....	1	1057	18.8%
Agree.....	2	2588	46.1%
Disagree.....	3	1540	27.4%
Strongly disagree.....	4	318	5.7%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	93	1.7%
TOTALS:		5611	100.0%

ST18Q08

Student Rec. 1/1
Pos. 114-114
Format: N1

Sci Value - Help Understand Q18h

How much do you agree with the statements below?

h) I find that science helps me to understand the things around me

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1406	25.1%
Agree.....	2	3035	54.1%
Disagree.....	3	864	15.4%
Strongly disagree.....	4	203	3.6%
N/A.....	7	11	0.2%
Invalid.....	8	9	0.2%
Missing.....	9	83	1.5%
TOTALS:		5611	100.0%

ST18Q09

Student Rec. 1/1
Pos. 115-115
Format: N1

Sci Value - Social benefits Q18i

How much do you agree with the statements below?

i) Advances in science and technology usually bring social benefits

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1211	21.6%
Agree.....	2	2954	52.6%
Disagree.....	3	1157	20.6%
Strongly disagree.....	4	188	3.4%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	84	1.5%
TOTALS:		5611	100.0%

ST18Q10

Student Rec. 1/1
Pos. 116-116
Format: N1

Sci Value - Opportunities Q18j

How much do you agree with the statements below?
j) When I leave school there will be many opportunities for me to use science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1268	22.6%
Agree.....	2	2704	48.2%
Disagree.....	3	1260	22.5%
Strongly disagree.....	4	286	5.1%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	76	1.4%
TOTALS:		5611	100.0%

ST19Q01

Student Rec. 1/1
Pos. 117-117
Format: N1

Sci Activity - Science TV Q19a

How often do you do these things?
a) Watch TV programs about science

	CODES	FREQ	PER-CENT
Very often.....	1	327	5.8%
Regularly.....	2	786	14.0%
Sometimes.....	3	2756	49.1%
Hardly ever.....	4	1669	29.7%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	59	1.1%
TOTALS:		5611	100.0%

ST19Q02

Student Rec. 1/1
Pos. 118-118
Format: N1

Sci Activity - Science Books Q19b

How often do you do these things?
b) Borrow or buy books on science topics

	CODES	FREQ	PER-CENT
--	-------	------	----------

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	CODES	FREQ	PER-CENT
Very often.....	1	100	1.8%
Regul arly.....	2	275	4.9%
Someti mes.....	3	1796	32.0%
Hardl y ever.....	4	3364	60.0%
N/A.....	7	11	0.2%
Mi ssi ng.....	9	65	1.2%
TOTALS:		5611	100.0%

ST19Q03

Student Rec. 1/1
Pos. 119-119
Format: N1

Sci Acti vi ty - Web content Q19c

How often do you do these things?
c) Vi sit web si tes about sci ence topi cs

	CODES	FREQ	PER-CENT
Very often.....	1	186	3.3%
Regul arly.....	2	534	9.5%
Someti mes.....	3	2220	39.6%
Hardl y ever.....	4	2583	46.0%
N/A.....	7	11	0.2%
I nval i d.....	8	4	0.1%
Mi ssi ng.....	9	73	1.3%
TOTALS:		5611	100.0%

ST19Q04

Student Rec. 1/1
Pos. 120-120
Format: N1

Sci Acti vi ty - Sci ence Radi o Q19d

How often do you do these things?
d) Li sten to radi o programmes about advances i n sci ence

	CODES	FREQ	PER-CENT
Very often.....	1	89	1.6%
Regul arly.....	2	182	3.2%
Someti mes.....	3	1141	20.3%
Hardl y ever.....	4	4114	73.3%
N/A.....	7	11	0.2%
I nval i d.....	8	8	0.1%
Mi ssi ng.....	9	66	1.2%
TOTALS:		5611	100.0%

ST19Q05

Student Rec. 1/1
Pos. 121-121
Format: N1

Sci Activi ty - Science Mags Q19e

How often do you do these things?

e) Read science magazi nes or science arti cles i n newspapers

	CODES	FREQ	PER- CENT
Very often.....	1	228	4.1%
Regul arly.....	2	641	11.4%
Someti mes.....	3	2168	38.6%
Hardl y ever.....	4	2494	44.4%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	67	1.2%
TOTALS:		5611	100.0%

ST19Q06

Student Rec. 1/1
Pos. 122-122
Format: N1

Sci Activi ty - Science Cl ub Q19f

How often do you do these things?

f) Attend a science cl ub

	CODES	FREQ	PER- CENT
Very often.....	1	79	1.4%
Regul arly.....	2	155	2.8%
Someti mes.....	3	379	6.8%
Hardl y ever.....	4	4926	87.8%
N/A.....	7	11	0.2%
Mi ssi ng.....	9	61	1.1%
TOTALS:		5611	100.0%

ST20Q01

Student Rec. 1/1
Pos. 123-123
Format: N1

Sci i nfo - Photosynthesi s - none Q20a

Here is a list of science topics. From which source(s) di d you mai nly learn about each of these topics?

(Please check as many boxes as apply i n each row)

a) Photosynthesi s

None of these, I am not sure what thi s i s

	CODES	FREQ	PER- CENT
--	-------	------	--------------

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	CODES	FREQ	PER-CENT
Check.....	1	291	5.2%
No Check.....	2	5297	94.4%
N/A.....	7	11	0.2%
Invalid.....	8	12	0.2%
TOTALS:		5611	100.0%

ST200A2

Student Rec. 1/1
Pos. 124-124
Format: N1

Sci info - Photosynthesis - school Q20a

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
a) Photosynthesis
My school

	CODES	FREQ	PER-CENT
Check.....	1	5019	89.4%
No Check.....	2	581	10.4%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200A3

Student Rec. 1/1
Pos. 125-125
Format: N1

Sci info - Photosynthesis - media Q20a

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
a) Photosynthesis
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	624	11.1%
No Check.....	2	4976	88.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200A4

Student Rec. 1/1
Pos. 126-126
Format: N1

Sci info - Photosynthesis - friends Q20a

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please check as many boxes as apply in each row)

- a) Photosynthesis
- My friends

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	196	3.5%
No Check.....	2	5404	96.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200A5

 Student Rec. 1/1
 Pos. 127-127
 Format: N1

Sci info - Photosynthesis - family Q20a

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please check as many boxes as apply in each row)

- a) Photosynthesis
- My family

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	394	7.0%
No Check.....	2	5206	92.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200A6

 Student Rec. 1/1
 Pos. 128-128
 Format: N1

Sci info - Photosynthesis - Internet or books Q20a

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please check as many boxes as apply in each row)

- a) Photosynthesis
- The Internet or books

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	1168	20.8%
No Check.....	2	4432	79.0%
N/A.....	7	11	0.2%

TOTALS: 5611 100.0%

 ST20QB1 Student Rec. 1/1
 ----- Pos. 129-129
 Format: N1

Sci info - Continents - none Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 b) Formation of the continents
 None of these, I am not sure what this is

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	301	5.4%
No Check.....	2	5287	94.2%
N/A.....	7	11	0.2%
Invalid.....	8	12	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST20QB2 Student Rec. 1/1
 ----- Pos. 130-130
 Format: N1

Sci info - Continents - school Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 b) Formation of the continents
 My school

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	4842	86.3%
No Check.....	2	758	13.5%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST20QB3 Student Rec. 1/1
 ----- Pos. 131-131
 Format: N1

Sci info - Continents - media Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 b) Formation of the continents

The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	844	15.0%
No Check.....	2	4756	84.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QB4

Student Rec. 1/1
Pos. 132-132
Format: N1

Sci info - Continents - friends Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
b) Formation of the continents
My friends

	CODES	FREQ	PER-CENT
Check.....	1	196	3.5%
No Check.....	2	5404	96.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QB5

Student Rec. 1/1
Pos. 133-133
Format: N1

Sci info - Continents - family Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
b) Formation of the continents
My family

	CODES	FREQ	PER-CENT
Check.....	1	545	9.7%
No Check.....	2	5055	90.1%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200B6

Student Rec. 1/1
Pos. 134-134
Format: N1

Sci info - Continents - Internet or books Q20b

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
b) Formation of the continents
The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1165	20.8%
No Check.....	2	4435	79.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200C1

Student Rec. 1/1
Pos. 135-135
Format: N1

Sci info - Genes - none Q20c

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
c) Genes and chromosomes
None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
Check.....	1	194	3.5%
No Check.....	2	5398	96.2%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
TOTALS:		5611	100.0%

ST200C2

Student Rec. 1/1
Pos. 136-136
Format: N1

Sci info - Genes - school Q20c

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
c) Genes and chromosomes
My school

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	CODES	FREQ	PER-CENT
Check.....	1	5024	89.5%
No Check.....	2	576	10.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200C3

Student Rec. 1/1
Pos. 137-137
Format: N1

Sci info - Genes - media Q20c

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
c) Genes and chromosomes
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	640	11.4%
No Check.....	2	4960	88.4%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200C4

Student Rec. 1/1
Pos. 138-138
Format: N1

Sci info - Genes - friends Q20c

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
c) Genes and chromosomes
My friends

	CODES	FREQ	PER-CENT
Check.....	1	183	3.3%
No Check.....	2	5417	96.5%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200C5

Student Rec. 1/1
Pos. 139-139
Format: N1

Sci info - Genes - family Q20c

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Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 c) Genes and chromosomes
 My family

	CODES	FREQ	PER-CENT
Check.....	1	624	11.1%
No Check.....	2	4976	88.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200C6

Student Rec. 1/1
 Pos. 140-140
 Format: N1

Sci info - Genes - Internet or books Q20c

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 c) Genes and chromosomes
 The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1040	18.5%
No Check.....	2	4560	81.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200D1

Student Rec. 1/1
 Pos. 141-141
 Format: N1

Sci info - Soundproofing - none Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
Check.....	1	1142	20.4%
No Check.....	2	4444	79.2%
N/A.....	7	11	0.2%
Invalid.....	8	14	0.2%

TOTALS: 5611 100.0%

 ST200D2 Student Rec. 1/1
 ----- Pos. 142-142
 Format: N1

Sci info - Soundproofing - school Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 My school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	2721	48.5%
No Check.....	2	2879	51.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200D3 Student Rec. 1/1
 ----- Pos. 143-143
 Format: N1

Sci info - Soundproofing - media Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	1175	20.9%
No Check.....	2	4425	78.9%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200D4 Student Rec. 1/1
 ----- Pos. 144-144
 Format: N1

Sci info - Soundproofing - friends Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 My friends

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	490	8.7%
No Check.....	2	5110	91.1%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200D5

 Student Rec. 1/1
 Pos. 145-145
 Format: N1

Sci info - Soundproofing - family Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 My family

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	628	11.2%
No Check.....	2	4972	88.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200D6

 Student Rec. 1/1
 Pos. 146-146
 Format: N1

Sci info - Soundproofing - Internet or books Q20d

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 d) Soundproofing
 The Internet or books

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	792	14.1%
No Check.....	2	4808	85.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST200E1

 Student Rec. 1/1

Sci info - Climate change - none Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
e) Climate change
None of these, I am not sure what this is

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	122	2.2%
No Check.....	2	5468	97.5%
N/A.....	7	11	0.2%
Invalid.....	8	10	0.2%
TOTALS:		5611	100.0%

ST20QE2

Sci info - Climate change - school Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
e) Climate change
My school

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	4774	85.1%
No Check.....	2	826	14.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QE3

Sci info - Climate change - media Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
e) Climate change
The TV, radio, newspaper or magazines

CODES	FREQ	PER- CENT
-----	-----	-----

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Check.....	1	1454	25.9%
No Check.....	2	4146	73.9%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QE4

Student Rec. 1/1
Pos. 150-150
Format: N1

Sci info - Climate change - friends Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
e) Climate change
My friends

	CODES	FREQ	PER-CENT
Check.....	1	287	5.1%
No Check.....	2	5313	94.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QE5

Student Rec. 1/1
Pos. 151-151
Format: N1

Sci info - Climate change - family Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
e) Climate change
My family

	CODES	FREQ	PER-CENT
Check.....	1	734	13.1%
No Check.....	2	4866	86.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QE6

Student Rec. 1/1
Pos. 152-152
Format: N1

Sci info - Climate change - Internet or books Q20e

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
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Learn about each of these topics?
 (Please check as many boxes as apply in each row)
 e) Climate change
 The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1176	21.0%
No Check.....	2	4424	78.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QF1

Student Rec. 1/1
 Pos. 153-153
 Format: N1

Sci info - Evolution - none Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 f) Evolution
 None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
Check.....	1	224	4.0%
No Check.....	2	5360	95.5%
N/A.....	7	11	0.2%
Invalid.....	8	16	0.3%
TOTALS:		5611	100.0%

ST20QF2

Student Rec. 1/1
 Pos. 154-154
 Format: N1

Sci info - Evolution - school Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 f) Evolution
 My school

	CODES	FREQ	PER-CENT
Check.....	1	4634	82.6%
No Check.....	2	966	17.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QF3

Student Rec. 1/1
Pos. 155-155
Format: N1

Sci info - Evolution - media Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
f) Evolution
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	1197	21.3%
No Check.....	2	4403	78.5%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QF4

Student Rec. 1/1
Pos. 156-156
Format: N1

Sci info - Evolution - friends Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
f) Evolution
My friends

	CODES	FREQ	PER-CENT
Check.....	1	404	7.2%
No Check.....	2	5196	92.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QF5

Student Rec. 1/1
Pos. 157-157
Format: N1

Sci info - Evolution - family Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
f) Evolution
My family

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	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	936	16.7%
No Check.....	2	4664	83.1%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST200F6

 Student Rec. 1/1
 Pos. 158-158
 Format: N1

Sci info - Evolution - Internet or books Q20f

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 f) Evolution
 The Internet or books

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	1262	22.5%
No Check.....	2	4338	77.3%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST200G1

 Student Rec. 1/1
 Pos. 159-159
 Format: N1

Sci info - Nuclear energy - none Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 g) Nuclear energy
 None of these, I am not sure what this is

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	302	5.4%
No Check.....	2	5289	94.3%
N/A.....	7	11	0.2%
Invalid.....	8	9	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST200G2

 Student Rec. 1/1

Sci info - Nuclear energy - school Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
g) Nuclear energy
My school

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	4549	81.1%
No Check.....	2	1051	18.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200G3

Sci info - Nuclear energy - media Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
g) Nuclear energy
The TV, radio, newspaper or magazines

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	1122	20.0%
No Check.....	2	4478	79.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST200G4

Sci info - Nuclear energy - friends Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
g) Nuclear energy
My friends

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	213	3.8%

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No Check.	2	5387	96.0%
N/A.	7	11	0.2%
TOTALS:		5611	100.0%

ST200G5

Student Rec. 1/1
Pos. 163-163
Format: N1

Sci info - Nuclear energy - family Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
g) Nuclear energy
My family

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.	1	484	8.6%
No Check.	2	5116	91.2%
N/A.	7	11	0.2%
TOTALS:		5611	100.0%

ST200G6

Student Rec. 1/1
Pos. 164-164
Format: N1

Sci info - Nuclear energy - Internet or books Q20g

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
g) Nuclear energy
The Internet or books

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.	1	1087	19.4%
No Check.	2	4513	80.4%
N/A.	7	11	0.2%
TOTALS:		5611	100.0%

ST200H1

Student Rec. 1/1
Pos. 165-165
Format: N1

Sci info - Health - none Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please check as many boxes as apply in each row)
 h) Health and nutrition
 None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	113	2.0%
No Check.....	2	5472	97.5%
N/A.....	7	11	0.2%
Invalid.....	8	15	0.3%
		-----	-----
TOTALS:		5611	100.0%

 ST20QH2

Student Rec. 1/1
 Pos. 166-166
 Format: N1

Sci info - Health - school Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 h) Health and nutrition
 My school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	4511	80.4%
No Check.....	2	1089	19.4%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST20QH3

Student Rec. 1/1
 Pos. 167-167
 Format: N1

Sci info - Health - media Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
 (Please check as many boxes as apply in each row)
 h) Health and nutrition
 The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	1930	34.4%
No Check.....	2	3670	65.4%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

ST20QH4

Student Rec. 1/1
Pos. 168-168
Format: N1

Sci info - Health - friends Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
h) Health and nutrition
My friends

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	1158	20.6%
No Check.....	2	4442	79.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QH5

Student Rec. 1/1
Pos. 169-169
Format: N1

Sci info - Health - family Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
h) Health and nutrition
My family

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	2512	44.8%
No Check.....	2	3088	55.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST20QH6

Student Rec. 1/1
Pos. 170-170
Format: N1

Sci info - Health - Internet or books Q20h

Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?
(Please check as many boxes as apply in each row)
h) Health and nutrition
The Internet or books

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	CODES	FREQ	PER- CENT
Check.....	1	1730	30.8%
No Check.....	2	3870	69.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST21Q01

Student Rec. 1/1
Pos. 171-171
Format: N1

Sci i nterest - Physi cs Q21a

How much i nterest do you have i n l earning about the fol lowi ng sci ence
topi cs?

a) Topi cs i n physi cs

	CODES	FREQ	PER- CENT
Hi gh Interest.....	1	737	13.1%
Medi um Interest.....	2	2116	37.7%
Lo w Interest.....	3	1947	34.7%
No Interest.....	4	741	13.2%
N/A.....	7	11	0.2%
I nval i d.....	8	2	0.0%
Mi ssi ng.....	9	57	1.0%
TOTALS:		5611	100.0%

ST21Q02

Student Rec. 1/1
Pos. 172-172
Format: N1

Sci i nterest - Chemi stry Q21b

How much i nterest do you have i n l earning about the fol lowi ng sci ence
topi cs?

b) Topi cs i n chemi stry

	CODES	FREQ	PER- CENT
Hi gh Interest.....	1	1067	19.0%
Medi um Interest.....	2	1999	35.6%
Lo w Interest.....	3	1724	30.7%
No Interest.....	4	745	13.3%
N/A.....	7	11	0.2%
I nval i d.....	8	4	0.1%
Mi ssi ng.....	9	61	1.1%
TOTALS:		5611	100.0%

ST21Q03

Student Rec. 1/1
Pos. 173-173
Format: N1

Sci interest - Plant biology Q21c

How much interest do you have in learning about the following science topics?
c) The biology of plants

	CODES	FREQ	PER- CENT
	-----	-----	-----
High Interest.....	1	637	11.4%
Medium Interest.....	2	1794	32.0%
Low Interest.....	3	2139	38.1%
No Interest.....	4	955	17.0%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	68	1.2%
		-----	-----
TOTALS:		5611	100.0%

ST21Q04

Student Rec. 1/1
Pos. 174-174
Format: N1

Sci interest - Human biology Q21d

How much interest do you have in learning about the following science topics?
d) Human biology

	CODES	FREQ	PER- CENT
	-----	-----	-----
High Interest.....	1	1511	26.9%
Medium Interest.....	2	2206	39.3%
Low Interest.....	3	1268	22.6%
No Interest.....	4	529	9.4%
N/A.....	7	11	0.2%
Invalid.....	8	13	0.2%
Missing.....	9	73	1.3%
		-----	-----
TOTALS:		5611	100.0%

ST21Q05

Student Rec. 1/1
Pos. 175-175
Format: N1

Sci interest - Astronomy Q21e

How much interest do you have in learning about the following science topics?
e) Topics in astronomy

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	CODES	FREQ	PER-CENT
High Interest.....	1	1278	22.8%
Medium Interest.....	2	1917	34.2%
Low Interest.....	3	1614	28.8%
No Interest.....	4	728	13.0%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	60	1.1%
TOTALS:		5611	100.0%

ST21Q06

Student Rec. 1/1
Pos. 176-176
Format: N1

Science Interest - Geology Q21f

How much interest do you have in learning about the following science topics?
f) Topics in geology

	CODES	FREQ	PER-CENT
High Interest.....	1	526	9.4%
Medium Interest.....	2	1751	31.2%
Low Interest.....	3	2267	40.4%
No Interest.....	4	975	17.4%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	73	1.3%
TOTALS:		5611	100.0%

ST21Q07

Student Rec. 1/1
Pos. 177-177
Format: N1

Science Interest - Experiments Q21g

How much interest do you have in learning about the following science topics?
g) Ways scientists design experiments

	CODES	FREQ	PER-CENT
High Interest.....	1	771	13.7%
Medium Interest.....	2	1705	30.4%
Low Interest.....	3	2018	36.0%
No Interest.....	4	1039	18.5%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	65	1.2%

TOTALS: 5611 100.0%

ST21Q08

Student Rec. 1/1
Pos. 178-178
Format: N1

Sci i nterest - Expl anati ons Q21h

How much i nterest do you have i n l e arni ng about the fol lowi ng sci ence
topi cs?

h) What i s requi red for sci enti fi c expl anati ons

	CODES	FREQ	PER- CENT
Hi gh Interest.....	1	477	8.5%
Medi um Interest.....	2	1407	25.1%
Lo w Interest.....	3	2304	41.1%
No Interest.....	4	1350	24.1%
N/A.....	7	11	0.2%
Mi ssi ng.....	9	62	1.1%
TOTALS:		5611	100.0%

ST22Q01

Student Rec. 1/1
Pos. 179-179
Format: N1

Envr aware - Greenhouse Q22a

How i nformed are you about the fol lowi ng envi ronmental i ssues?

a) The i ncrease of greenhouse gases i n the atmosphere

	CODES	FREQ	PER- CENT
Never heard.....	1	698	12.4%
Know a l i ttle.....	2	1895	33.8%
Know somethi ng.....	3	1949	34.7%
Fami liar.....	4	978	17.4%
N/A.....	7	11	0.2%
I nval id.....	8	9	0.2%
Mi ssi ng.....	9	71	1.3%
TOTALS:		5611	100.0%

ST22Q02

Student Rec. 1/1
Pos. 180-180
Format: N1

Envr aware - Geneti c modi fi ed Q22b

How i nformed are you about the fol lowi ng envi ronmental i ssues?

b) Use of geneti call y modi fi ed organi sms

	CODES	FREQ	PER-CENT
Never heard.....	1	744	13.3%
Know a little.....	2	2564	45.7%
Know something.....	3	1711	30.5%
Familiar.....	4	490	8.7%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	85	1.5%
TOTALS:		5611	100.0%

ST22Q03

Student Rec. 1/1
Pos. 181-181
Format: N1

Envr aware - Acid rain Q22c

How informed are you about the following environmental issues?
c) Acid rain

	CODES	FREQ	PER-CENT
Never heard.....	1	363	6.5%
Know a little.....	2	2168	38.6%
Know something.....	3	2132	38.0%
Familiar.....	4	845	15.1%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	85	1.5%
TOTALS:		5611	100.0%

ST22Q04

Student Rec. 1/1
Pos. 182-182
Format: N1

Envr aware - Nuclear waste Q22d

How informed are you about the following environmental issues?
d) Nuclear waste

	CODES	FREQ	PER-CENT
Never heard.....	1	349	6.2%
Know a little.....	2	2347	41.8%
Know something.....	3	2117	37.7%
Familiar.....	4	701	12.5%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	85	1.5%

TOTALS: 5611 100.0%

 ST22Q05 Student Rec. 1/1
 ----- Pos. 183-183
 Format: N1

Envr aware - Forest clearing Q22e

How informed are you about the following environmental issues?
 e) The consequences of clearing forests for other land use

	CODES	FREQ	PER- CENT
	-----	-----	-----
Never heard.....	1	303	5.4%
Know a little.....	2	1157	20.6%
Know something.....	3	2014	35.9%
Familiar.....	4	2048	36.5%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	75	1.3%
TOTALS:		5611	100.0%

 ST23QA1 Student Rec. 1/1
 ----- Pos. 184-184
 Format: N1

Envr info - Air pollution - none Q23a

From which source(s) did you mainly learn about each of these
 environmental issues?
 (Please check as many boxes as apply in each row)

a) Air pollution
 None of these, I am not sure what this is

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	120	2.1%
No Check.....	2	5463	97.4%
N/A.....	7	11	0.2%
Invalid.....	8	17	0.3%
TOTALS:		5611	100.0%

 ST23QA2 Student Rec. 1/1
 ----- Pos. 185-185
 Format: N1

Envr info - Air pollution - school Q23a

From which source(s) did you mainly learn about each of these
 environmental issues?
 (Please check as many boxes as apply in each row)

a) Air pollution
My school

	CODES	FREQ	PER-CENT
Check.....	1	4478	79.8%
No Check.....	2	1122	20.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QA3

Student Rec. 1/1
Pos. 186-186
Format: N1

Envr info - Air pollution - media Q23a

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
a) Air pollution
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	2592	46.2%
No Check.....	2	3008	53.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QA4

Student Rec. 1/1
Pos. 187-187
Format: N1

Envr info - Air pollution - friends Q23a

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
a) Air pollution
My friends

	CODES	FREQ	PER-CENT
Check.....	1	480	8.6%
No Check.....	2	5120	91.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QA5

Student Rec. 1/1
Pos. 188-188
Format: N1

Envr info - Air pollution - family Q23a

From which source(s) did you mainly learn about each of these environmental issues?

(Please check as many boxes as apply in each row)

a) Air pollution
My family

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	1279	22.8%
No Check.....	2	4321	77.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QA6

Student Rec. 1/1
Pos. 189-189
Format: N1

Envr info - Air pollution - Internet or books Q23a

From which source(s) did you mainly learn about each of these environmental issues?

(Please check as many boxes as apply in each row)

a) Air pollution
The Internet or books

	CODES	FREQ	PER- CENT
	-----	-----	-----
Check.....	1	1580	28.2%
No Check.....	2	4020	71.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QB1

Student Rec. 1/1
Pos. 190-190
Format: N1

Envr info - Energy shortages - none Q23b

From which source(s) did you mainly learn about each of these environmental issues?

(Please check as many boxes as apply in each row)

b) Energy shortages
None of these, I am not sure what this is

	CODES	FREQ	PER- CENT
--	-------	------	--------------

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	CODES	FREQ	PER-CENT
Check.....	1	293	5.2%
No Check.....	2	5290	94.3%
N/A.....	7	11	0.2%
Invalid.....	8	17	0.3%
TOTALS:		5611	100.0%

ST23QB2

Student Rec. 1/1
Pos. 191-191
Format: N1

Envr info - Energy shortages - school Q23b

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
b) Energy shortages
My school

	CODES	FREQ	PER-CENT
Check.....	1	3553	63.3%
No Check.....	2	2047	36.5%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QB3

Student Rec. 1/1
Pos. 192-192
Format: N1

Envr info - Energy shortages - media Q23b

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
b) Energy shortages
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	2297	40.9%
No Check.....	2	3303	58.9%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QB4

Student Rec. 1/1
Pos. 193-193
Format: N1

Envr info - Energy shortages - friends Q23b

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 b) Energy shortages
 My friends

	CODES	FREQ	PER-CENT
Check.....	1	288	5.1%
No Check.....	2	5312	94.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QB5

Student Rec. 1/1
 Pos. 194-194
 Format: N1

Envr info - Energy shortages - family Q23b

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 b) Energy shortages
 My family

	CODES	FREQ	PER-CENT
Check.....	1	1160	20.7%
No Check.....	2	4440	79.1%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QB6

Student Rec. 1/1
 Pos. 195-195
 Format: N1

Envr info - Energy shortages - Internet or books Q23b

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 b) Energy shortages
 The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1106	19.7%
No Check.....	2	4494	80.1%
N/A.....	7	11	0.2%

TOTALS: 5611 100.0%

 ST23QC1 Student Rec. 1/1
 ----- Pos. 196-196
 Format: N1

Envr info - Extinction - none Q23c

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 c) Extinction of plants and animals
 None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	98	1.7%
No Check.....	2	5479	97.6%
N/A.....	7	11	0.2%
Invalid.....	8	23	0.4%
		-----	-----
TOTALS:		5611	100.0%

 ST23QC2 Student Rec. 1/1
 ----- Pos. 197-197
 Format: N1

Envr info - Extinction - school Q23c

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 c) Extinction of plants and animals
 My school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	4783	85.2%
No Check.....	2	817	14.6%
N/A.....	7	11	0.2%
		-----	-----
TOTALS:		5611	100.0%

 ST23QC3 Student Rec. 1/1
 ----- Pos. 198-198
 Format: N1

Envr info - Extinction - media Q23c

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 c) Extinction of plants and animals

The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	1936	34.5%
No Check.....	2	3664	65.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QC4

Student Rec. 1/1
Pos. 199-199
Format: N1

Envr info - Extinction - friends Q23c

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
c) Extinction of plants and animals
My friends

	CODES	FREQ	PER-CENT
Check.....	1	373	6.6%
No Check.....	2	5227	93.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QC5

Student Rec. 1/1
Pos. 200-200
Format: N1

Envr info - Extinction - family Q23c

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
c) Extinction of plants and animals
My family

	CODES	FREQ	PER-CENT
Check.....	1	777	13.8%
No Check.....	2	4823	86.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QC6

Student Rec. 1/1
Pos. 201-201
Format: N1

Envr info - Extinction - Internet or books Q23c

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
c) Extinction of plants and animals
The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1671	29.8%
No Check.....	2	3929	70.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QD1

Student Rec. 1/1
Pos. 202-202
Format: N1

Envr info - Forest clearing - none Q23d

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
d) Clearing of forests for other land use
None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
Check.....	1	175	3.1%
No Check.....	2	5404	96.3%
N/A.....	7	11	0.2%
Invalid.....	8	21	0.4%
TOTALS:		5611	100.0%

ST23QD2

Student Rec. 1/1
Pos. 203-203
Format: N1

Envr info - Forest clearing - school Q23d

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
d) Clearing of forests for other land use
My school

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	CODES	FREQ	PER-CENT
Check.....	1	4150	74.0%
No Check.....	2	1450	25.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QD3

Student Rec. 1/1
Pos. 204-204
Format: N1

Envr info - Forest clearing - media Q23d

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
d) Clearing of forests for other land use
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	2448	43.6%
No Check.....	2	3152	56.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QD4

Student Rec. 1/1
Pos. 205-205
Format: N1

Envr info - Forest clearing - friends Q23d

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
d) Clearing of forests for other land use
My friends

	CODES	FREQ	PER-CENT
Check.....	1	436	7.8%
No Check.....	2	5164	92.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QD5

Student Rec. 1/1
Pos. 206-206
Format: N1

Envr info - Forest clearing - family Q23d

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 d) Clearing of forests for other land use
 My family

	CODES	FREQ	PER-CENT
Check.....	1	943	16.8%
No Check.....	2	4657	83.0%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST23QD6

Student Rec. 1/1
 Pos. 207-207
 Format: N1

Envr info - Forest clearing - Internet or books Q23d

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 d) Clearing of forests for other land use
 The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1491	26.6%
No Check.....	2	4109	73.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST23QE1

Student Rec. 1/1
 Pos. 208-208
 Format: N1

Envr info - Water shortages - none Q23e

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 e) Water shortages
 None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
Check.....	1	301	5.4%
No Check.....	2	5272	94.0%
N/A.....	7	11	0.2%
Invalid.....	8	27	0.5%

TOTALS: 5611 100.0%

ST23QE2

Student Rec. 1/1
Pos. 209-209
Format: N1

Envr info - Water shortages - school Q23e

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
e) Water shortages
My school

	CODES	FREQ	PER-CENT
Check.....	1	3571	63.6%
No Check.....	2	2029	36.2%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QE3

Student Rec. 1/1
Pos. 210-210
Format: N1

Envr info - Water shortages - media Q23e

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
e) Water shortages
The TV, radio, newspaper or magazines

	CODES	FREQ	PER-CENT
Check.....	1	2350	41.9%
No Check.....	2	3250	57.9%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QE4

Student Rec. 1/1
Pos. 211-211
Format: N1

Envr info - Water shortages - friends Q23e

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
e) Water shortages
My friends

	CODES	FREQ	PER-CENT
Check.....	1	360	6.4%
No Check.....	2	5240	93.4%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST23QE5

 Student Rec. 1/1
 Pos. 212-212
 Format: N1

Envr info - Water shortages - family Q23e

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 e) Water shortages
 My family

	CODES	FREQ	PER-CENT
Check.....	1	1196	21.3%
No Check.....	2	4404	78.5%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST23QE6

 Student Rec. 1/1
 Pos. 213-213
 Format: N1

Envr info - Water shortages - Internet or books Q23e

From which source(s) did you mainly learn about each of these environmental issues?
 (Please check as many boxes as apply in each row)
 e) Water shortages
 The Internet or books

	CODES	FREQ	PER-CENT
Check.....	1	1195	21.3%
No Check.....	2	4405	78.5%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

 ST23QF1

 Student Rec. 1/1

Envr info - Nuclear waste - none Q23f

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
f) Nuclear waste
None of these, I am not sure what this is

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	491	8.8%
No Check.....	2	5092	90.8%
N/A.....	7	11	0.2%
Invalid.....	8	17	0.3%
TOTALS:		5611	100.0%

ST23QF2

Envr info - Nuclear waste - school Q23f

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
f) Nuclear waste
My school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Check.....	1	3932	70.1%
No Check.....	2	1668	29.7%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QF3

Envr info - Nuclear waste - media Q23f

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
f) Nuclear waste
The TV, radio, newspaper or magazines

CODES	FREQ	PER-CENT
-----	-----	-----

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Check.....	1	1749	31.2%
No Check.....	2	3851	68.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QF4

Student Rec. 1/1
Pos. 217-217
Format: N1

Envr info - Nuclear waste - friends Q23f

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
f) Nuclear waste
My friends

	CODES	FREQ	PER-CENT
Check.....	1	199	3.5%
No Check.....	2	5401	96.3%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QF5

Student Rec. 1/1
Pos. 218-218
Format: N1

Envr info - Nuclear waste - family Q23f

From which source(s) did you mainly learn about each of these environmental issues?
(Please check as many boxes as apply in each row)
f) Nuclear waste
My family

	CODES	FREQ	PER-CENT
Check.....	1	518	9.2%
No Check.....	2	5082	90.6%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST23QF6

Student Rec. 1/1
Pos. 219-219
Format: N1

Envr info - Nuclear waste - Internet or books Q23f

From which source(s) did you mainly learn about each of these

environmental issues?
 (Please check as many boxes as apply in each row)
 f) Nuclear waste
 The Internet or books

	CODES	FREQ	PER- CENT
Check.....	1	1233	22.0%
No Check.....	2	4367	77.8%
N/A.....	7	11	0.2%
TOTALS:		5611	100.0%

ST24Q01

Student Rec. 1/1
 Pos. 220-220
 Format: N1

Envr Issues - Air Pollution Q24a

Do you see the environmental issues below as a serious concern for yourself and/or others?
 a) Air pollution

	CODES	FREQ	PER- CENT
Concern for me.....	1	3515	62.6%
Concern for others.....	2	1493	26.6%
Concern other countries.....	3	265	4.7%
Not a concern.....	4	227	4.0%
N/A.....	7	11	0.2%
Invalid.....	8	20	0.4%
Missing.....	9	80	1.4%
TOTALS:		5611	100.0%

ST24Q02

Student Rec. 1/1
 Pos. 221-221
 Format: N1

Envr Issues - Energy Shortages Q24b

Do you see the environmental issues below as a serious concern for yourself and/or others?
 b) Energy shortages

	CODES	FREQ	PER- CENT
Concern for me.....	1	2498	44.5%
Concern for others.....	2	2081	37.1%
Concern other countries.....	3	677	12.1%
Not a concern.....	4	228	4.1%
N/A.....	7	11	0.2%
Invalid.....	8	17	0.3%

Mi ssi ng.	9	99	1.8%
TOTALS:		5611	100.0%

ST24Q03

Student Rec. 1/1
Pos. 222-222
Format: N1

Envr Issues - Extinction Q24c

Do you see the environmental issues below as a serious concern for yourself and/or others?
c) Extinction of plants and animals

	CODES	FREQ	PER-CENT
Concern for me.....	1	2712	48.3%
Concern for others.....	2	1945	34.7%
Concern other countries.....	3	512	9.1%
Not a concern.....	4	322	5.7%
N/A.....	7	11	0.2%
Invalid.....	8	22	0.4%
Mi ssi ng.....	9	87	1.6%
TOTALS:		5611	100.0%

ST24Q04

Student Rec. 1/1
Pos. 223-223
Format: N1

Envr Issues - Forest Clearing Q24d

Do you see the environmental issues below as a serious concern for yourself and/or others?
d) Clearing of forests for other land use

	CODES	FREQ	PER-CENT
Concern for me.....	1	2882	51.4%
Concern for others.....	2	1863	33.2%
Concern other countries.....	3	508	9.1%
Not a concern.....	4	235	4.2%
N/A.....	7	11	0.2%
Invalid.....	8	26	0.5%
Mi ssi ng.....	9	86	1.5%
TOTALS:		5611	100.0%

ST24Q05

Student Rec. 1/1
Pos. 224-224
Format: N1

Envr Issues - Water Shortages Q24e

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Do you see the environmental issues below as a serious concern for yourself and/or others?
e) Water shortages

	CODES	FREQ	PER- CENT
	-----	-----	-----
Concern for me.....	1	3027	53.9%
Concern for others.....	2	1426	25.4%
Concern other countries.....	3	768	13.7%
Not a concern.....	4	270	4.8%
N/A.....	7	11	0.2%
Invalid.....	8	19	0.3%
Missing.....	9	90	1.6%
		-----	-----
TOTALS:		5611	100.0%

ST24Q06

Student Rec. 1/1
Pos. 225-225
Format: N1

Envr Issues - Nuclear Waste Q24f

Do you see the environmental issues below as a serious concern for yourself and/or others?
f) Nuclear waste

	CODES	FREQ	PER- CENT
	-----	-----	-----
Concern for me.....	1	2589	46.1%
Concern for others.....	2	1985	35.4%
Concern other countries.....	3	608	10.8%
Not a concern.....	4	301	5.4%
N/A.....	7	11	0.2%
Invalid.....	8	18	0.3%
Missing.....	9	99	1.8%
		-----	-----
TOTALS:		5611	100.0%

ST25Q01

Student Rec. 1/1
Pos. 226-226
Format: N1

Envr improve - Air Pollution Q25a

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?
a) Air pollution

	CODES	FREQ	PER- CENT
	-----	-----	-----
Improve.....	1	1165	20.8%
Stay same.....	2	1035	18.4%

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Get worse.....	3	3327	59.3%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	71	1.3%
TOTALS:		5611	100.0%

ST25Q02

Student Rec. 1/1
Pos. 227-227
Format: N1

Envr improve - Energy Shortages Q25b

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?
b) Energy shortages

	CODES	FREQ	PER-CENT
Improve.....	1	1446	25.8%
Stay same.....	2	2180	38.9%
Get worse.....	3	1896	33.8%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	76	1.4%
TOTALS:		5611	100.0%

ST25Q03

Student Rec. 1/1
Pos. 228-228
Format: N1

Envr improve - Extinction Q25c

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?
c) Extinction of plants and animals

	CODES	FREQ	PER-CENT
Improve.....	1	993	17.7%
Stay same.....	2	1712	30.5%
Get worse.....	3	2812	50.1%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	76	1.4%
TOTALS:		5611	100.0%

ST25Q04

Student Rec. 1/1
Pos. 229-229
Format: N1

Envr improve - Forest Clearing Q25d

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?

d) Clearing of forests for other land use

	CODES	FREQ	PER-CENT
Improve.....	1	828	14.8%
Stay same.....	2	1223	21.8%
Get worse.....	3	3478	62.0%
N/A.....	7	11	0.2%
Missing.....	9	71	1.3%
TOTALS:		5611	100.0%

 ST25Q05

 Student Rec. 1/1
 Pos. 230-230
 Format: N1

Envr improve - Water Shortages Q25e

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?

e) Water shortages

	CODES	FREQ	PER-CENT
Improve.....	1	1175	20.9%
Stay same.....	2	2345	41.8%
Get worse.....	3	1999	35.6%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	78	1.4%
TOTALS:		5611	100.0%

 ST25Q06

 Student Rec. 1/1
 Pos. 231-231
 Format: N1

Envr improve - Nuclear Waste Q25f

Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?

f) Nuclear waste

	CODES	FREQ	PER-CENT
Improve.....	1	961	17.1%
Stay same.....	2	1779	31.7%
Get worse.....	3	2774	49.4%
N/A.....	7	11	0.2%

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Inval id.	8	2	0.0%
Mi ssi ng.	9	84	1.5%
TOTALS:		5611	100.0%

ST26Q01

Student Rec. 1/1
Pos. 232-232
Format: N1

Envr Responsi bi li ty - Car Emi ssi ons Q26a

How much do you agree with the statements below?

a) It is important to carry out regular checks on the emi ssi ons from cars as a condition of their use

	CODES	FREQ	PER- CENT
Strongly agree.	1	1484	26.4%
Agree.	2	3403	60.6%
Di sagree.	3	547	9.7%
Strongly di sagree.	4	73	1.3%
N/A.	7	11	0.2%
Inval id.	8	4	0.1%
Mi ssi ng.	9	89	1.6%
TOTALS:		5611	100.0%

ST26Q02

Student Rec. 1/1
Pos. 233-233
Format: N1

Envr Responsi bi li ty - Energy Wasted Q26b

How much do you agree with the statements below?

b) It disturbs me when energy is wasted through the unnecessary use of electrical appliances

	CODES	FREQ	PER- CENT
Strongly agree.	1	937	16.7%
Agree.	2	2587	46.1%
Di sagree.	3	1757	31.3%
Strongly di sagree.	4	237	4.2%
N/A.	7	11	0.2%
Inval id.	8	2	0.0%
Mi ssi ng.	9	80	1.4%
TOTALS:		5611	100.0%

ST26Q03

Student Rec. 1/1
Pos. 234-234
Format: N1

Envr Responsibility - Factory Emissions Q26c

How much do you agree with the statements below?

c) I am in favor of having laws that regulate factory emissions even if this would increase the price of products

	CODES	FREQ	PER-CENT
Strongly agree.....	1	798	14.2%
Agree.....	2	2320	41.3%
Disagree.....	3	1990	35.5%
Strongly disagree.....	4	379	6.8%
N/A.....	7	11	0.2%
Invalid.....	8	12	0.2%
Missing.....	9	101	1.8%
TOTALS:		5611	100.0%

ST26Q04

Student Rec. 1/1
Pos. 235-235
Format: N1

Envr Responsibility - Plastic Pack Q26d

How much do you agree with the statements below?

d) To reduce waste, the use of plastic packaging should be kept to a minimum

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1047	18.7%
Agree.....	2	3197	57.0%
Disagree.....	3	1100	19.6%
Strongly disagree.....	4	150	2.7%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	98	1.7%
TOTALS:		5611	100.0%

ST26Q05

Student Rec. 1/1
Pos. 236-236
Format: N1

Envr Responsibility - Dangerous Waste Q26e

How much do you agree with the statements below?

e) Industries should be required to prove that they safely dispose of dangerous waste materials

	CODES	FREQ	PER-CENT
Strongly agree.....	1	2065	36.8%

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Agree.....	2	2798	49.9%
Disagree.....	3	536	9.6%
Strongly disagree.....	4	92	1.6%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	101	1.8%
TOTALS:		5611	100.0%

ST26Q06

Student Rec. 1/1
Pos. 237-237
Format: N1

Envr Responsibility - Endangered Q26f

How much do you agree with the statements below?
f) I am in favour of having laws that protect the habitats of endangered species

	CODES	FREQ	PER-CENT
Strongly agree.....	1	2413	43.0%
Agree.....	2	2554	45.5%
Disagree.....	3	463	8.3%
Strongly disagree.....	4	81	1.4%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	85	1.5%
TOTALS:		5611	100.0%

ST26Q07

Student Rec. 1/1
Pos. 238-238
Format: N1

Envr Responsibility - Renewable Electricity Q26g

How much do you agree with the statements below?
g) Electricity should be produced from renewable sources as much as possible, even if this increases the cost

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1360	24.2%
Agree.....	2	2821	50.3%
Disagree.....	3	1126	20.1%
Strongly disagree.....	4	190	3.4%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	101	1.8%
TOTALS:		5611	100.0%

ST27Q01

Student Rec. 1/1
Pos. 239-239
Format: N1

School useful for Science Career - School Subjects Q27a

How much do you agree with the statements below?
The subjects available at my school provide students with the basic skills and knowledge for a science-related career

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1513	27.0%
Agree.....	2	3537	63.0%
Disagree.....	3	390	7.0%
Strongly disagree.....	4	73	1.3%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	84	1.5%
TOTALS:		5611	100.0%

ST27Q02

Student Rec. 1/1
Pos. 240-240
Format: N1

School useful for Science Career - Science Subjects Q27b

How much do you agree with the statements below?
The science subjects at my school provide students with the basic skills and knowledge for many different careers.

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1396	24.9%
Agree.....	2	3405	60.7%
Disagree.....	3	623	11.1%
Strongly disagree.....	4	87	1.6%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	87	1.6%
TOTALS:		5611	100.0%

ST27Q03

Student Rec. 1/1
Pos. 241-241
Format: N1

School useful for Science Career - My subjects Q27c

How much do you agree with the statements below?
The subjects I study provide me with the basic skills and knowledge for a science-related career

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	CODES	FREQ	PER-CENT
Strongly agree.....	1	1256	22.4%
Agree.....	2	3183	56.7%
Disagree.....	3	928	16.5%
Strongly disagree.....	4	145	2.6%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	83	1.5%
TOTALS:		5611	100.0%

ST27Q04

Student Rec. 1/1
Pos. 242-242
Format: N1

School useful for Science Career - Teaching Q27d

How much do you agree with the statements below?
My teachers equip me with the basic skills and knowledge I need for a science-related career

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1361	24.3%
Agree.....	2	3298	58.8%
Disagree.....	3	671	12.0%
Strongly disagree.....	4	178	3.2%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	90	1.6%
TOTALS:		5611	100.0%

ST28Q01

Student Rec. 1/1
Pos. 243-243
Format: N1

Science know - Job available Q28a

How informed are you about these topics?
Science-related careers that are available in the job market

	CODES	FREQ	PER-CENT
Very well informed.....	1	821	14.6%
Fairly informed.....	2	2777	49.5%
Not well informed.....	3	1584	28.2%
Not informed at all.....	4	332	5.9%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	83	1.5%
TOTALS:		5611	100.0%

 ST28Q02

Student Rec. 1/1
 Pos. 244-244
 Format: N1

Science know - Find Where Q28b

How informed are you about these topics?
 Where to find information about science-related careers

	CODES	FREQ	PER- CENT
Very well informed.....	1	1071	19.1%
Fairly informed.....	2	2538	45.2%
Not well informed.....	3	1575	28.1%
Not informed at all.....	4	328	5.8%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	84	1.5%
TOTALS:		5611	100.0%

 ST28Q03

Student Rec. 1/1
 Pos. 245-245
 Format: N1

Science know - Steps to take Q28c

How informed are you about these topics?
 The steps a student needs to take if they want a science-related career

	CODES	FREQ	PER- CENT
Very well informed.....	1	1033	18.4%
Fairly informed.....	2	2312	41.2%
Not well informed.....	3	1745	31.1%
Not informed at all.....	4	422	7.5%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	86	1.5%
TOTALS:		5611	100.0%

 ST28Q04

Student Rec. 1/1
 Pos. 246-246
 Format: N1

Science know - Employers Q28d

How informed are you about these topics?
 Employers or companies that hire people to work in science-related careers

	CODES	FREQ	PER-CENT
Very well informed.....	1	683	12.2%
Fairly informed.....	2	2151	38.3%
Not well informed.....	3	2071	36.9%
Not informed at all.....	4	608	10.8%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	86	1.5%
TOTALS:		5611	100.0%

ST29Q01

Student Rec. 1/1
Pos. 247-247
Format: N1

Sci future - Like Career Q29a

How much do you agree with the statements below?
I would like to work in a career involving science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	832	14.8%
Agree.....	2	1670	29.8%
Disagree.....	3	2069	36.9%
Strongly disagree.....	4	950	16.9%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	76	1.4%
TOTALS:		5611	100.0%

ST29Q02

Student Rec. 1/1
Pos. 248-248
Format: N1

Sci future - After High School Q29b

How much do you agree with the statements below?
I would like to study science after high school

	CODES	FREQ	PER-CENT
Strongly agree.....	1	769	13.7%
Agree.....	2	1695	30.2%
Disagree.....	3	2083	37.1%
Strongly disagree.....	4	966	17.2%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	82	1.5%

TOTALS: 5611 100.0%

ST29Q03

Student Rec. 1/1
Pos. 249-249
Format: N1

Sci future - Advanced Q29c

How much do you agree with the statements below?
I would like to spend my life doing advanced science

	CODES	FREQ	PER- CENT
	-----	-----	-----
Strongly agree.....	1	430	7.7%
Agree.....	2	887	15.8%
Di sagree.....	3	2734	48.7%
Strongly di sagree.....	4	1451	25.9%
N/A.....	7	11	0.2%
I nval i d.....	8	11	0.2%
Mi ssi ng.....	9	87	1.6%
TOTALS:		5611	100.0%

ST29Q04

Student Rec. 1/1
Pos. 250-250
Format: N1

Sci future - Work as adult Q29d

How much do you agree with the statements below?
I would like to work on science projects as an adult

	CODES	FREQ	PER- CENT
	-----	-----	-----
Strongly agree.....	1	401	7.1%
Agree.....	2	1291	23.0%
Di sagree.....	3	2451	43.7%
Strongly di sagree.....	4	1366	24.3%
N/A.....	7	11	0.2%
I nval i d.....	8	4	0.1%
Mi ssi ng.....	9	87	1.6%
TOTALS:		5611	100.0%

ST30Q01

Student Rec. 1/1
Pos. 251-254
Format: N4

Expected occupation - self ISCO code Q30a

What kind of job do you expect to have when you are about 30 years old?

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	CODES	FREQ	PER-CENT
{1120-9505}.....	C	5195	92.6%
N/A.....	9997	11	0.2%
Missing.....	9999	405	7.2%
TOTALS:		5611	100.0%

ST30N01

Student Rec. 1/1
Pos. 255-255
Format: N1

Highest grade level - self Q30b

What is the highest grade or level of school you expect to complete?

	CODES	FREQ	PER-CENT
Less than high school.....	1	29	0.5%
High school.....	2	348	6.2%
Vocational or technical certificate.....	3	240	4.3%
Associate's degree (2-year degree).....	4	442	7.9%
Bachelor's degree (4-year degree).....	5	1745	31.1%
Master's degree.....	6	1270	22.6%
Invalid.....	8	213	3.8%
Missing.....	9	1324	23.6%
TOTALS:		5611	100.0%

ST31Q01

Student Rec. 1/1
Pos. 256-256
Format: N1

Regular Lessons - Science Q31a

How much time do you typically spend per week studying the following subjects?

a) Regular classes in science at my school

	CODES	FREQ	PER-CENT
No time.....	1	421	7.5%
Less than 2 hours.....	2	1342	23.9%
2 up to 4 hours.....	3	956	17.0%
4 up to 6 hours.....	4	1924	34.3%
6 or more hours.....	5	720	12.8%
N/A.....	7	11	0.2%
Invalid.....	8	152	2.7%
Missing.....	9	85	1.5%
TOTALS:		5611	100.0%

ST31Q02

Student Rec. 1/1
Pos. 257-257
Format: N1

Out of school - Science Q31b

How much time do you typically spend per week studying the following subjects?

b) Out-of school -time lessons in science

	CODES	FREQ	PER-CENT
No time.....	1	3038	54.1%
Less than 2 hours.....	2	1686	30.0%
2 up to 4 hours.....	3	530	9.4%
4 up to 6 hours.....	4	141	2.5%
6 or more hours.....	5	41	0.7%
N/A.....	7	11	0.2%
Invalid.....	8	73	1.3%
Missing.....	9	91	1.6%
TOTALS:		5611	100.0%

ST31Q03

Student Rec. 1/1
Pos. 258-258
Format: N1

Self Study - Science Q31c

How much time do you typically spend per week studying the following subjects?

c) Study or homework in science by myself

	CODES	FREQ	PER-CENT
No time.....	1	991	17.7%
Less than 2 hours.....	2	2707	48.2%
2 up to 4 hours.....	3	1256	22.4%
4 up to 6 hours.....	4	373	6.6%
6 or more hours.....	5	111	2.0%
N/A.....	7	11	0.2%
Invalid.....	8	74	1.3%
Missing.....	9	88	1.6%
TOTALS:		5611	100.0%

ST31Q04

Student Rec. 1/1
Pos. 259-259
Format: N1

Regular Lessons - Mathematics Q31d

How much time do you typically spend per week studying the following subjects?

d) Regular classes in mathematics at my school

	CODES	FREQ	PER-CENT
No time.....	1	259	4.6%
Less than 2 hours.....	2	1232	22.0%
2 up to 4 hours.....	3	1024	18.2%
4 up to 6 hours.....	4	2017	35.9%
6 or more hours.....	5	833	14.8%
N/A.....	7	11	0.2%
Invalid.....	8	148	2.6%
Missing.....	9	87	1.6%
TOTALS:		5611	100.0%

ST31Q05

Student Rec. 1/1
Pos. 260-260
Format: N1

Out of school - Mathematics Q31e

How much time do you typically spend per week studying the following subjects?

e) Out-of school-time lessons in mathematics

	CODES	FREQ	PER-CENT
No time.....	1	2439	43.5%
Less than 2 hours.....	2	1793	32.0%
2 up to 4 hours.....	3	834	14.9%
4 up to 6 hours.....	4	260	4.6%
6 or more hours.....	5	94	1.7%
N/A.....	7	11	0.2%
Invalid.....	8	78	1.4%
Missing.....	9	102	1.8%
TOTALS:		5611	100.0%

ST31Q06

Student Rec. 1/1
Pos. 261-261
Format: N1

Self Study - Mathematics Q31f

How much time do you typically spend per week studying the following subjects?

f) Study or homework in mathematics by myself

	CODES	FREQ	PER-CENT
No time.....	1	763	13.6%
Less than 2 hours.....	2	2434	43.4%
2 up to 4 hours.....	3	1473	26.3%

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4 up to 6 hours.....	4	544	9.7%
6 or more hours.....	5	217	3.9%
N/A.....	7	11	0.2%
I nval i d.....	8	75	1.3%
Mi ssi ng.....	9	94	1.7%
TOTALS:		5611	100.0%

ST31Q07

Student Rec. 1/1
Pos. 262-262
Format: N1

Regular Lessons - Language Q31g

How much time do you typically spend per week studying the following subjects?
g) Regular classes in English at my school

	CODES	FREQ	PER-CENT
No time.....	1	302	5.4%
Less than 2 hours.....	2	1343	23.9%
2 up to 4 hours.....	3	1011	18.0%
4 up to 6 hours.....	4	1944	34.6%
6 or more hours.....	5	767	13.7%
N/A.....	7	11	0.2%
I nval i d.....	8	147	2.6%
Mi ssi ng.....	9	86	1.5%
TOTALS:		5611	100.0%

ST31Q08

Student Rec. 1/1
Pos. 263-263
Format: N1

Out of school - Language Q31h

How much time do you typically spend per week studying the following subjects?
h) Out-of school-time lessons in English

	CODES	FREQ	PER-CENT
No time.....	1	2550	45.4%
Less than 2 hours.....	2	1721	30.7%
2 up to 4 hours.....	3	827	14.7%
4 up to 6 hours.....	4	244	4.3%
6 or more hours.....	5	88	1.6%
N/A.....	7	11	0.2%
I nval i d.....	8	72	1.3%
Mi ssi ng.....	9	98	1.7%
TOTALS:		5611	100.0%

ST31Q09

Student Rec. 1/1
Pos. 264-264
Format: N1

Self Study - Language Q31i

How much time do you typically spend per week studying the following subjects?

i) Study or homework in English by myself

	CODES	FREQ	PER-CENT
No time.....	1	909	16.2%
Less than 2 hours.....	2	2537	45.2%
2 up to 4 hours.....	3	1354	24.1%
4 up to 6 hours.....	4	467	8.3%
6 or more hours.....	5	167	3.0%
N/A.....	7	11	0.2%
Invalid.....	8	72	1.3%
Missing.....	9	94	1.7%
TOTALS:		5611	100.0%

ST31Q10

Student Rec. 1/1
Pos. 265-265
Format: N1

Regular Lessons - Other Q31j

How much time do you typically spend per week studying the following subjects?

j) Regular classes in other subjects at my school

	CODES	FREQ	PER-CENT
No time.....	1	260	4.6%
Less than 2 hours.....	2	1406	25.1%
2 up to 4 hours.....	3	945	16.8%
4 up to 6 hours.....	4	1704	30.4%
6 or more hours.....	5	1040	18.5%
N/A.....	7	11	0.2%
Invalid.....	8	153	2.7%
Missing.....	9	92	1.6%
TOTALS:		5611	100.0%

ST31Q11

Student Rec. 1/1
Pos. 266-266
Format: N1

Out of school - Other Q31k

How much time do you typically spend per week studying the following subjects?

k) Out-of school -time lessons in other subjects

	CODES	FREQ	PER- CENT
No time.....	1	2187	39.0%
Less than 2 hours.....	2	1895	33.8%
2 up to 4 hours.....	3	891	15.9%
4 up to 6 hours.....	4	287	5.1%
6 or more hours.....	5	159	2.8%
N/A.....	7	11	0.2%
Invalid.....	8	81	1.4%
Missing.....	9	100	1.8%
TOTALS:		5611	100.0%

ST31Q12

Student Rec. 1/1
Pos. 267-267
Format: N1

Self Study - Other Q31I

How much time do you typically spend per week studying the following subjects?

1) Study or homework in other subjects by myself

	CODES	FREQ	PER- CENT
No time.....	1	844	15.0%
Less than 2 hours.....	2	2548	45.4%
2 up to 4 hours.....	3	1287	22.9%
4 up to 6 hours.....	4	515	9.2%
6 or more hours.....	5	240	4.3%
N/A.....	7	11	0.2%
Invalid.....	8	74	1.3%
Missing.....	9	92	1.6%
TOTALS:		5611	100.0%

ST32Q01

Student Rec. 1/1
Pos. 268-268
Format: N1

Lessons - School 1-1 Q32a

What type of out-of-school-time lessons do you attend currently (if any)?

These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.

a) One to one lessons with a teacher who is also a teacher at your school

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	CODES	FREQ	CENT
Yes.....	1	1218	21.7%
No.....	2	4230	75.4%
N/A.....	7	11	0.2%
I n v a l i d.....	8	2	0.0%
M i s s i n g.....	9	150	2.7%
TOTALS:		5611	100.0%

ST32Q02

Student Rec. 1/1
Pos. 269-269
Format: N1

Lessons - Not School 1-1 Q32b

What type of out-of-school-time lessons do you attend currently (if any)?
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
b) One to one lessons with a teacher who is not a teacher at your school

	CODES	FREQ	PER-CENT
Yes.....	1	938	16.7%
No.....	2	4507	80.3%
N/A.....	7	11	0.2%
I n v a l i d.....	8	1	0.0%
M i s s i n g.....	9	154	2.7%
TOTALS:		5611	100.0%

ST32Q03

Student Rec. 1/1
Pos. 270-270
Format: N1

Lessons - School Small Q32c

What type of out-of-school-time lessons do you attend currently (if any)?
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
c) Lessons in small groups (less than 8 students) with a teacher who is also a teacher at your school

	CODES	FREQ	PER-CENT
Yes.....	1	1052	18.7%
No.....	2	4387	78.2%
N/A.....	7	11	0.2%

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I nval i d.	8	7	0.1%
Mi ssi ng.	9	154	2.7%
TOTALS:		5611	100.0%

ST32Q04

Student Rec. 1/1
Pos. 271-271
Format: N1

Lessons - Not School Small Q32d

What type of out-of-school-time lessons do you attend currently (if any)?
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
d) Lessons in small groups (less than 8 students) with a teacher who is not a teacher at your school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Yes.	1	684	12.2%
No.	2	4751	84.7%
N/A.	7	11	0.2%
I nval i d.	8	2	0.0%
Mi ssi ng.	9	163	2.9%
TOTALS:		5611	100.0%

ST32Q05

Student Rec. 1/1
Pos. 272-272
Format: N1

Lessons - School Large Q32e

What type of out-of-school-time lessons do you attend currently (if any)?
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
e) Lessons in larger groups (8 students or more) with a teacher who is also a teacher at your school

	CODES	FREQ	PER-CENT
	-----	-----	-----
Yes.	1	987	17.6%
No.	2	4455	79.4%
N/A.	7	11	0.2%
I nval i d.	8	2	0.0%
Mi ssi ng.	9	156	2.8%
TOTALS:		5611	100.0%

ST32Q06

Student Rec. 1/1
Pos. 273-273
Format: N1

Lessons - Not School Large Q32f

What type of out-of-school-time lessons do you attend currently (if any)?
These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are only lessons in subjects that you also learn at school.
f) Lessons in larger groups (8 students or more) with a teacher who is not a teacher at your school

	CODES	FREQ	PER-CENT
Yes.....	1	638	11.4%
No.....	2	4797	85.5%
N/A.....	7	11	0.2%
Invalid.....	8	1	0.0%
Missing.....	9	164	2.9%
TOTALS:		5611	100.0%

ST33Q11

Student Rec. 1/1
Pos. 274-274
Format: N1

Course - Comp Sci Last Yr Q33a1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
a) A required general or integrated science course
Last year

	CODES	FREQ	PER-CENT
Yes.....	1	4025	71.7%
No.....	2	1268	22.6%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	300	5.3%
TOTALS:		5611	100.0%

ST33Q12

Student Rec. 1/1
Pos. 275-275
Format: N1

Course - Comp Sci This Yr Q33a2

Did you or do you take any of the courses listed below?

(Please check as many boxes as apply to each row)

a) A required general or integrated science course
This year

	CODES	FREQ	PER- CENT
Yes.....	1	3261	58.1%
No.....	2	1808	32.2%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	526	9.4%
TOTALS:		5611	100.0%

ST33Q21

Student Rec. 1/1
Pos. 276-276
Format: N1

Course - Opt Sci Last Yr Q33b1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
b) An optional general or integrated science course
Last year

	CODES	FREQ	PER- CENT
Yes.....	1	1062	18.9%
No.....	2	4105	73.2%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	429	7.6%
TOTALS:		5611	100.0%

ST33Q22

Student Rec. 1/1
Pos. 277-277
Format: N1

Course - Opt Sci This Yr Q33b2

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
b) An optional general or integrated science course
This year

	CODES	FREQ	PER- CENT
Yes.....	1	1333	23.8%
No.....	2	3819	68.1%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	444	7.9%

TOTALS: 5611 100.0%

ST33Q31

Student Rec. 1/1
Pos. 278-278
Format: N1

Course - Comp Bio Last Yr Q33c1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
c) A required biology course
Last year

	CODES	FREQ	PER-CENT
Yes.....	1	2322	41.4%
No.....	2	2744	48.9%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	529	9.4%
TOTALS:		5611	100.0%

ST33Q32

Student Rec. 1/1
Pos. 279-279
Format: N1

Course - Comp Bio This Yr Q33c2

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
c) A required biology course
This year

	CODES	FREQ	PER-CENT
Yes.....	1	2661	47.4%
No.....	2	2469	44.0%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	463	8.3%
TOTALS:		5611	100.0%

ST33Q41

Student Rec. 1/1
Pos. 280-280
Format: N1

Course - Opt Bio Last Yr Q33d1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)

d) An optional biology course
Last year

	CODES	FREQ	PER-CENT
Yes.....	1	582	10.4%
No.....	2	4525	80.6%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	490	8.7%
TOTALS:		5611	100.0%

ST33042

Student Rec. 1/1
Pos. 281-281
Format: N1

Course - Opt Bio This Yr Q33d2

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
d) An optional biology course
This year

	CODES	FREQ	PER-CENT
Yes.....	1	784	14.0%
No.....	2	4397	78.4%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	411	7.3%
TOTALS:		5611	100.0%

ST33051

Student Rec. 1/1
Pos. 282-282
Format: N1

Course - Comp Phy Last Yr Q33e1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
e) A required physics course
Last year

	CODES	FREQ	PER-CENT
Yes.....	1	1009	18.0%
No.....	2	4125	73.5%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	460	8.2%

TOTALS: 5611 100.0%

 ST33Q52 Student Rec. 1/1
 ----- Pos. 283-283
 Format: N1

Course - Comp Phy This Yr Q33e2

Did you or do you take any of the courses listed below?
 (Please check as many boxes as apply to each row)
 e) A required physics course
 This year

	CODES	FREQ	PER- CENT
Yes.....	1	906	16.1%
No.....	2	4296	76.6%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	394	7.0%
TOTALS:		5611	100.0%

 ST33Q61 Student Rec. 1/1
 ----- Pos. 284-284
 Format: N1

Course - Opt Phy Last Yr Q33f1

Did you or do you take any of the courses listed below?
 (Please check as many boxes as apply to each row)
 f) An optional physics course
 Last year

	CODES	FREQ	PER- CENT
Yes.....	1	409	7.3%
No.....	2	4707	83.9%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	481	8.6%
TOTALS:		5611	100.0%

 ST33Q62 Student Rec. 1/1
 ----- Pos. 285-285
 Format: N1

Course - Opt Phy This Yr Q33f2

Did you or do you take any of the courses listed below?
 (Please check as many boxes as apply to each row)
 f) An optional physics course

This year

	CODES	FREQ	PER-CENT
Yes.....	1	576	10.3%
No.....	2	4638	82.7%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	381	6.8%
TOTALS:		5611	100.0%

ST33Q71

Student Rec. 1/1
Pos. 286-286
Format: N1

Course - Comp Chem Last Yr Q33g1

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
g) A required chemistry course
Last year

	CODES	FREQ	PER-CENT
Yes.....	1	734	13.1%
No.....	2	4358	77.7%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	506	9.0%
TOTALS:		5611	100.0%

ST33Q72

Student Rec. 1/1
Pos. 287-287
Format: N1

Course - Comp Chem This Yr Q33g2

Did you or do you take any of the courses listed below?
(Please check as many boxes as apply to each row)
g) A required chemistry course
This year

	CODES	FREQ	PER-CENT
Yes.....	1	1440	25.7%
No.....	2	3786	67.5%
N/A.....	7	11	0.2%
Invalid.....	8	10	0.2%
Missing.....	9	364	6.5%
TOTALS:		5611	100.0%

 ST33Q81

Student Rec. 1/1
 Pos. 288-288
 Format: N1

Course - Opt Chem Last Yr Q33h1

Did you or do you take any of the courses listed below?
 (Please check as many boxes as apply to each row)
 h) An optional chemistry course
 Last year

	CODES	FREQ	PER- CENT
Yes.....	1	351	6.3%
No.....	2	4732	84.3%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	515	9.2%
TOTALS:		5611	100.0%

 ST33Q82

Student Rec. 1/1
 Pos. 289-289
 Format: N1

Course - Opt Chem This Yr Q33h2

Did you or do you take any of the courses listed below?
 (Please check as many boxes as apply to each row)
 h) An optional chemistry course
 This year

	CODES	FREQ	PER- CENT
Yes.....	1	662	11.8%
No.....	2	4574	81.5%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	360	6.4%
TOTALS:		5611	100.0%

 ST34Q01

Student Rec. 1/1
 Pos. 290-290
 Format: N1

Learning - Student Ideas Q34a

When learning science topics at school, how often do the following activities occur?
 a) Students are given opportunities to explain their ideas

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	CODES	FREQ	PER- CENT
All Lessons.....	1	1598	28.5%
Most Lessons.....	2	2420	43.1%
Some Lessons.....	3	1170	20.9%
Hardly ever.....	4	280	5.0%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	128	2.3%
TOTALS:		5611	100.0%

ST34Q02

Student Rec. 1/1
Pos. 291-291
Format: N1

Learning - Experiments Q34b

When learning science topics at school, how often do the following activities occur?
b) Students spend time in the laboratory doing practical experiments

	CODES	FREQ	PER- CENT
All Lessons.....	1	553	9.9%
Most Lessons.....	2	1924	34.3%
Some Lessons.....	3	2449	43.6%
Hardly ever.....	4	532	9.5%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	135	2.4%
TOTALS:		5611	100.0%

ST34Q03

Student Rec. 1/1
Pos. 292-292
Format: N1

Learning - Design for Lab Q34c

When learning science topics at school, how often do the following activities occur?
c) Students are required to design how a science question could be investigated in the laboratory

	CODES	FREQ	PER- CENT
All Lessons.....	1	634	11.3%
Most Lessons.....	2	1819	32.4%
Some Lessons.....	3	2239	39.9%
Hardly ever.....	4	749	13.3%
N/A.....	7	11	0.2%
Invalid.....	8	13	0.2%

Mi ssi ng.	9	146	2.6%
TOTALS:		5611	100.0%

ST34Q04

Student Rec. 1/1
Pos. 293-293
Format: N1

Learnin g - Apply Everyday Q34d

When learning science topics at school, how often do the following activities occur?

d) The students are asked to apply a science concept to everyday problems

	CODES	FREQ	PER-CENT
All Lessons.....	1	839	15.0%
Most Lessons.....	2	1911	34.1%
Some Lessons.....	3	1966	35.0%
Hardly ever.....	4	727	13.0%
N/A.....	7	11	0.2%
Inval id.....	8	5	0.1%
Mi ssi ng.....	9	152	2.7%
TOTALS:		5611	100.0%

ST34Q05

Student Rec. 1/1
Pos. 294-294
Format: N1

Learnin g - Student Opini on Q34e

When learning science topics at school, how often do the following activities occur?

e) The lessons involve students' opinions about the topics

	CODES	FREQ	PER-CENT
All Lessons.....	1	1051	18.7%
Most Lessons.....	2	1956	34.9%
Some Lessons.....	3	1749	31.2%
Hardly ever.....	4	671	12.0%
N/A.....	7	11	0.2%
Inval id.....	8	10	0.2%
Mi ssi ng.....	9	163	2.9%
TOTALS:		5611	100.0%

ST34Q06

Student Rec. 1/1
Pos. 295-295
Format: N1

Learning - Draw Conclusions Q34f

When learning science topics at school, how often do the following activities occur?

f) Students are asked to draw conclusions from an experiment they have conducted

	CODES	FREQ	PER-CENT
All Lessons.....	1	1445	25.8%
Most Lessons.....	2	2285	40.7%
Some Lessons.....	3	1423	25.4%
Hardly ever.....	4	291	5.2%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	149	2.7%
TOTALS:		5611	100.0%

ST34Q07

Student Rec. 1/1
Pos. 296-296
Format: N1

Learning - Diff Phenomena Q34g

When learning science topics at school, how often do the following activities occur?

g) The teacher explains how a science idea can be applied to a number of different phenomena (e.g. the movement of objects, substances with similar properties)

	CODES	FREQ	PER-CENT
All Lessons.....	1	1478	26.3%
Most Lessons.....	2	2210	39.4%
Some Lessons.....	3	1383	24.6%
Hardly ever.....	4	384	6.8%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	142	2.5%
TOTALS:		5611	100.0%

ST34Q08

Student Rec. 1/1
Pos. 297-297
Format: N1

Learning - Own Experiments Q34h

When learning science topics at school, how often do the following activities occur?

h) Students are allowed to design their own experiments

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	CODES	FREQ	CENT
All Lessons.....	1	507	9.0%
Most Lessons.....	2	1116	19.9%
Some Lessons.....	3	1929	34.4%
Hardly ever.....	4	1896	33.8%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	148	2.6%
TOTALS:		5611	100.0%

ST34Q09

Student Rec. 1/1
Pos. 298-298
Format: N1

Learning - Class Debate Q34i

When learning science topics at school, how often do the following activities occur?
i) There is a class debate or discussion

	CODES	FREQ	PER-CENT
All Lessons.....	1	788	14.0%
Most Lessons.....	2	1749	31.2%
Some Lessons.....	3	1976	35.2%
Hardly ever.....	4	935	16.7%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	149	2.7%
TOTALS:		5611	100.0%

ST34Q10

Student Rec. 1/1
Pos. 299-299
Format: N1

Learning - Demonstrations Q34j

When learning science topics at school, how often do the following activities occur?
j) Experiments are done by the teacher as demonstrations

	CODES	FREQ	PER-CENT
All Lessons.....	1	717	12.8%
Most Lessons.....	2	1986	35.4%
Some Lessons.....	3	2163	38.5%
Hardly ever.....	4	577	10.3%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	149	2.7%
TOTALS:		5611	100.0%

 ST34Q11

Student Rec. 1/1
 Pos. 300-300
 Format: N1

Learning - Choose Own Q34k

When learning science topics at school, how often do the following activities occur?

k) Students are given the chance to choose their own investigations

	CODES	FREQ	PER-CENT
	-----	-----	-----
All Lessons.....	1	419	7.5%
Most Lessons.....	2	1150	20.5%
Some Lessons.....	3	2075	37.0%
Hardly ever.....	4	1778	31.7%
N/A.....	7	11	0.2%
Invalid.....	8	15	0.3%
Missing.....	9	163	2.9%
TOTALS:		5611	100.0%

 ST34Q12

Student Rec. 1/1
 Pos. 301-301
 Format: N1

Learning - World Outside Q34l

When learning science topics at school, how often do the following activities occur?

l) The teacher uses science to help students understand the world outside school

	CODES	FREQ	PER-CENT
	-----	-----	-----
All Lessons.....	1	1007	17.9%
Most Lessons.....	2	2136	38.1%
Some Lessons.....	3	1770	31.5%
Hardly ever.....	4	511	9.1%
N/A.....	7	11	0.2%
Invalid.....	8	7	0.1%
Missing.....	9	169	3.0%
TOTALS:		5611	100.0%

 ST34Q13

Student Rec. 1/1
 Pos. 302-302
 Format: N1

Learning - Discussion Q34m

When learning science topics at school, how often do the following

activities occur?

m) The students have discussions about the topics

	CODES	FREQ	PER-CENT
All Lessons.....	1	1118	19.9%
Most Lessons.....	2	2102	37.5%
Some Lessons.....	3	1626	29.0%
Hardly ever.....	4	574	10.2%
N/A.....	7	11	0.2%
Invalid.....	8	10	0.2%
Missing.....	9	170	3.0%
TOTALS:		5611	100.0%

ST34Q14

Student Rec. 1/1
Pos. 303-303
Format: N1

Learning - Follow Instruct Q34n

When learning science topics at school, how often do the following activities occur?

n) Students do experiments by following the instructions of the teacher

	CODES	FREQ	PER-CENT
All Lessons.....	1	1416	25.2%
Most Lessons.....	2	2270	40.5%
Some Lessons.....	3	1426	25.4%
Hardly ever.....	4	311	5.5%
N/A.....	7	11	0.2%
Invalid.....	8	13	0.2%
Missing.....	9	164	2.9%
TOTALS:		5611	100.0%

ST34Q15

Student Rec. 1/1
Pos. 304-304
Format: N1

Learning - Explain Relevance Q34o

When learning science topics at school, how often do the following activities occur?

o) The teacher clearly explains the relevance of science concepts to our lives

	CODES	FREQ	PER-CENT
All Lessons.....	1	1107	19.7%
Most Lessons.....	2	2003	35.7%

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Some Lessons.....	3	1778	31.7%
Hardly ever.....	4	539	9.6%
N/A.....	7	11	0.2%
Invalid.....	8	9	0.2%
Missing.....	9	164	2.9%
TOTALS:		5611	100.0%

ST34Q16

Student Rec. 1/1
Pos. 305-305
Format: N1

Learning - Test Ideas Q34p

When learning science topics at school, how often do the following activities occur?
p) Students are asked to do an investigation to test out their own ideas

	CODES	FREQ	PER-CENT
All Lessons.....	1	547	9.7%
Most Lessons.....	2	1516	27.0%
Some Lessons.....	3	2052	36.6%
Hardly ever.....	4	1308	23.3%
N/A.....	7	11	0.2%
Invalid.....	8	14	0.2%
Missing.....	9	163	2.9%
TOTALS:		5611	100.0%

ST34Q17

Student Rec. 1/1
Pos. 306-306
Format: N1

Learning - Society Relevance Q34q

When learning science topics at school, how often do the following activities occur?
q) The teacher uses examples of technological application to show how science is relevant to society

	CODES	FREQ	PER-CENT
All Lessons.....	1	810	14.4%
Most Lessons.....	2	1908	34.0%
Some Lessons.....	3	2002	35.7%
Hardly ever.....	4	714	12.7%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	162	2.9%
TOTALS:		5611	100.0%

ST35Q01

Student Rec. 1/1
Pos. 307-307
Format: N1

Sci future - Help later work Q35a

How much do you agree with the statements below?

a) Making an effort in my science class(es) is worth it because this will help me in the work I want to do later on

	CODES	FREQ	PER- CENT
Strongly agree.....	1	1541	27.5%
Agree.....	2	2761	49.2%
Disagree.....	3	935	16.7%
Strongly disagree.....	4	237	4.2%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	123	2.2%
TOTALS:		5611	100.0%

ST35Q02

Student Rec. 1/1
Pos. 308-308
Format: N1

Sci future - Learn need later Q35b

How much do you agree with the statements below?

b) What I learn in my science class(es) is important for me because I need this for what I want to study later on

	CODES	FREQ	PER- CENT
Strongly agree.....	1	1241	22.1%
Agree.....	2	2508	44.7%
Disagree.....	3	1392	24.8%
Strongly disagree.....	4	329	5.9%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	126	2.2%
TOTALS:		5611	100.0%

ST35Q03

Student Rec. 1/1
Pos. 309-309
Format: N1

Sci future - Useful to me Q35c

How much do you agree with the statements below?

c) I study science because I know it is useful for me

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	CODES	FREQ	PER-CENT
Strongly agree.....	1	1244	22.2%
Agree.....	2	2963	52.8%
Disagree.....	3	1017	18.1%
Strongly disagree.....	4	235	4.2%
N/A.....	7	11	0.2%
Invalid.....	8	11	0.2%
Missing.....	9	130	2.3%
TOTALS:		5611	100.0%

ST35Q04

Student Rec. 1/1
Pos. 310-310
Format: N1

Sci future - Improve career Q35d

How much do you agree with the statements below?
d) Studying science is worthwhile for me because what I learn will improve my career prospects

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1260	22.5%
Agree.....	2	2570	45.8%
Disagree.....	3	1320	23.5%
Strongly disagree.....	4	307	5.5%
N/A.....	7	11	0.2%
Invalid.....	8	6	0.1%
Missing.....	9	137	2.4%
TOTALS:		5611	100.0%

ST35Q05

Student Rec. 1/1
Pos. 311-311
Format: N1

Sci future - Get a job Q35e

How much do you agree with the statements below?
e) I will learn many things in my science class(es) that will help me get a job

	CODES	FREQ	PER-CENT
Strongly agree.....	1	1222	21.8%
Agree.....	2	2609	46.5%
Disagree.....	3	1299	23.2%
Strongly disagree.....	4	335	6.0%
N/A.....	7	11	0.2%
Invalid.....	8	2	0.0%
Missing.....	9	133	2.4%

TOTALS:

 ST36Q01

Student Rec. 1/1
 Pos. 312-312
 Format: N1

Self - Do well Science Q36a

In general, how important do you think it is for you to do well in the subjects below?
 a) Science

	CODES	FREQ	PER-CENT
Very important.....	1	2348	41.8%
Important.....	2	2140	38.1%
Of little importance.....	3	797	14.2%
Not important at all.....	4	171	3.0%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Missing.....	9	140	2.5%
TOTALS:		5611	100.0%

 ST36Q02

Student Rec. 1/1
 Pos. 313-313
 Format: N1

Self - Do well Math Q36b

In general, how important do you think it is for you to do well in the subjects below?
 b) Mathematics

	CODES	FREQ	PER-CENT
Very important.....	1	3737	66.6%
Important.....	2	1392	24.8%
Of little importance.....	3	265	4.7%
Not important at all.....	4	65	1.2%
N/A.....	7	11	0.2%
Invalid.....	8	5	0.1%
Missing.....	9	136	2.4%
TOTALS:		5611	100.0%

 ST36Q03

Student Rec. 1/1
 Pos. 314-314
 Format: N1

Self - Do well Language Q36c

In general, how important do you think it is for you to do well in the subjects below?

subjects below?
c) English

	CODES	FREQ	PER-CENT
Very important.....	1	3293	58.7%
Important.....	2	1619	28.9%
Of little importance.....	3	442	7.9%
Not important at all.....	4	109	1.9%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	134	2.4%
TOTALS:		5611	100.0%

ST37Q01

Student Rec. 1/1
Pos. 315-315
Format: N1

Learning - Advanced Easy Q37a

The following question asks about your experience in Learning science.
How much do you agree with the statements below?
a) Learning advanced science would be easy for me

	CODES	FREQ	PER-CENT
Strongly agree.....	1	820	14.6%
Agree.....	2	2335	41.6%
Disagree.....	3	1819	32.4%
Strongly disagree.....	4	473	8.4%
N/A.....	7	11	0.2%
Invalid.....	8	9	0.2%
Missing.....	9	144	2.6%
TOTALS:		5611	100.0%

ST37Q02

Student Rec. 1/1
Pos. 316-316
Format: N1

Learning - Good Answers Q37b

The following question asks about your experience in Learning science.
How much do you agree with the statements below?
b) I can usually give good answers to test questions in science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	881	15.7%
Agree.....	2	2717	48.4%
Disagree.....	3	1538	27.4%
Strongly disagree.....	4	327	5.8%

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N/A.....	7	11	0.2%
I nval i d.....	8	11	0.2%
Mi ssi ng.....	9	126	2.2%
TOTALS:		5611	100.0%

ST37Q03

Student Rec. 1/1
Pos. 317-317
Format: N1

Learni ng - Topi cs Qui ckl y Q37c

The following question asks about your experience in Learning science.
How much do you agree with the statements below?

c) I learn science quickly

	CODES	FREQ	PER- CENT
Strongly agree.....	1	853	15.2%
Agree.....	2	2644	47.1%
Di sagree.....	3	1624	28.9%
Strongly di sagree.....	4	345	6.1%
N/A.....	7	11	0.2%
I nval i d.....	8	5	0.1%
Mi ssi ng.....	9	129	2.3%
TOTALS:		5611	100.0%

ST37Q04

Student Rec. 1/1
Pos. 318-318
Format: N1

Learni ng - Topi cs Easy Q37d

The following question asks about your experience in Learning science.
How much do you agree with the statements below?

d) Science is easy for me

	CODES	FREQ	PER- CENT
Strongly agree.....	1	682	12.2%
Agree.....	2	2208	39.4%
Di sagree.....	3	2038	36.3%
Strongly di sagree.....	4	544	9.7%
N/A.....	7	11	0.2%
I nval i d.....	8	9	0.2%
Mi ssi ng.....	9	119	2.1%
TOTALS:		5611	100.0%

ST37Q05

Student Rec. 1/1
Pos. 319-319

Learning - Understand Well Q37e

The following question asks about your experience in Learning science.
How much do you agree with the statements below?

e) When I am being taught science, I can understand the concepts very well

	CODES	FREQ	PER-CENT
Strongly agree.....	1	831	14.8%
Agree.....	2	3103	55.3%
Di sagree.....	3	1221	21.8%
Strongly di sagree.....	4	311	5.5%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	126	2.2%
TOTALS:		5611	100.0%

ST37Q06

Student Rec. 1/1
Pos. 320-320
Format: N1

Learning - New Ideas Q37f

The following question asks about your experience in Learning science.
How much do you agree with the statements below?

f) I can easily understand new ideas in science

	CODES	FREQ	PER-CENT
Strongly agree.....	1	890	15.9%
Agree.....	2	2380	42.4%
Di sagree.....	3	1798	32.0%
Strongly di sagree.....	4	392	7.0%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Missing.....	9	132	2.4%
TOTALS:		5611	100.0%

IC01Q01

Student Rec. 1/1
Pos. 321-321
Format: N1

Used computer IC1

NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%

TOTALS: 5611 100.0%

IC02Q01

Student Rec. 1/1
Pos. 322-322
Format: N1

How long used computers IC2
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC03Q01

Student Rec. 1/1
Pos. 323-323
Format: N1

Use computer at home IC3a
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC03Q02

Student Rec. 1/1
Pos. 324-324
Format: N1

Use computer at school IC3b
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC03Q03

Student Rec. 1/1
Pos. 325-325
Format: N1

Use computer other places IC3c

NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q01

Student Rec. 1/1
Pos. 326-326
Format: N1

Browse Internet IC4a

NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q02

Student Rec. 1/1
Pos. 327-327
Format: N1

Play games IC4b

NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q03

Student Rec. 1/1
Pos. 328-328
Format: N1

Write documents IC4c

NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%

TOTALS: -----
5611 100.0%

I C04Q04

Student Rec. 1/1
Pos. 329-329
Format: N1

Collaborate on Internet IC4d
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C04Q05

Student Rec. 1/1
Pos. 330-330
Format: N1

Use spreadsheets IC4e
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C04Q06

Student Rec. 1/1
Pos. 331-331
Format: N1

Download software IC4f
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C04Q07

Student Rec. 1/1
Pos. 332-332
Format: N1

Graphics programs IC4g
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q08

Student Rec. 1/1
Pos. 333-333
Format: N1

Educational software IC4h
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q09

Student Rec. 1/1
Pos. 334-334
Format: N1

Download music IC4i
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC04Q10

Student Rec. 1/1
Pos. 335-335
Format: N1

Write programs IC4j
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%

TOTALS: 5611 100.0%

IC04Q11

Student Rec. 1/1
Pos. 336-336
Format: N1

E-mail or chat rooms IC4k
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC05Q01

Student Rec. 1/1
Pos. 337-337
Format: N1

How well - Chat IC5a
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC05Q02

Student Rec. 1/1
Pos. 338-338
Format: N1

How well - Virus IC5b
NOT ASKED IN US

	CODES	FREQ	PER-CENT
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

IC05Q03

Student Rec. 1/1
Pos. 339-339
Format: N1

How well I - Edit photos IC5c
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q04

Student Rec. 1/1
 Pos. 340-340
 Format: N1

How well I - Database IC5d
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q05

Student Rec. 1/1
 Pos. 341-341
 Format: N1

How well I - Copy data to CD IC5e
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q06

Student Rec. 1/1
 Pos. 342-342
 Format: N1

How well I - Move files IC5f
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%

TOTALS: -----
5611 100.0%

I C05Q07

Student Rec. 1/1
Pos. 343-343
Format: N1

How well - Search Internet IC5g
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C05Q08

Student Rec. 1/1
Pos. 344-344
Format: N1

How well - Download files IC5h
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C05Q09

Student Rec. 1/1
Pos. 345-345
Format: N1

How well - Attach e-mail IC5i
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

I C05Q10

Student Rec. 1/1
Pos. 346-346
Format: N1

How well I - Word processor IC5j
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q11

Student Rec. 1/1
 Pos. 347-347
 Format: N1

How well I - Spreadsheet IC5k
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q12

Student Rec. 1/1
 Pos. 348-348
 Format: N1

How well I - Presentation IC5l
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%
TOTALS:		5611	100.0%

 IC05Q13

Student Rec. 1/1
 Pos. 349-349
 Format: N1

How well I - Download music IC5m
 NOT ASKED IN US

	CODES	FREQ	PER- CENT
	-----	-----	-----
N/A.....	7	5611	100.0%

TOTALS: -----
5611 100.0%

IC05Q14

Student Rec. 1/1
Pos. 350-350
Format: N1

How well I - Multi-media IC5n
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

IC05Q15

Student Rec. 1/1
Pos. 351-351
Format: N1

How well I - E-mails IC5o
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

IC05Q16

Student Rec. 1/1
Pos. 352-352
Format: N1

How well I - Web Page IC5p
NOT ASKED IN US

	CODES -----	FREQ -----	PER- CENT -----
N/A.....	7	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

ISCEDL

Student Rec. 1/1
Pos. 353-353
Format: N1

ISCED level

	CODES	FREQ	PER-CENT
Middle school	2	648	11.5%
High School	3	4961	88.4%
N/A	7	2	0.0%
TOTALS:		5611	100.0%

ISCEDD

Student Rec. 1/1
Pos. 354-354
Format: N1

ISCED designation

	CODES	FREQ	PER-CENT
M	4	5609	100.0%
N/A	7	2	0.0%
TOTALS:		5611	100.0%

ISCEDO

Student Rec. 1/1
Pos. 355-355
Format: N1

ISCED orientation

	CODES	FREQ	PER-CENT
General	1	5609	100.0%
N/A	7	2	0.0%
TOTALS:		5611	100.0%

AGE

Student Rec. 1/1
Pos. 356-360
Format: N5.2

Age of student

	CODES	FREQ	PER-CENT
{15. 25-16. 33, 15. 8154589/0. 2952498}	C	5611	100.0%

TOTALS: 5611 100.0%

PROGN

Student Rec. 1/1
Pos. 361-367
Format: A7

Uni que national study program code

	CODES	FREQ	PER-CENT
USA: GRADES 7-9.....	840000	648	11.5%
USA: GRADES 10-12.....	840000	4961	88.4%
USA: MI SSI NG/UNKNOWN.....	840009	2	0.0%
TOTALS:		5611	100.0%

BMMJ

Student Rec. 1/1
Pos. 368-369
Format: N2

Occupational status Mother (SEI)

	CODES	FREQ	PER-CENT
{16-99}.....	C	4585	81.7%
N/A.....	97	35	0.6%
I nval i d.....	98	665	11.9%
Mi ssi ng.....	99	326	5.8%
TOTALS:		5611	100.0%

BFMJ

Student Rec. 1/1
Pos. 370-371
Format: N2

Occupational status Father (SEI)

	CODES	FREQ	PER-CENT
{16-99}.....	C	4455	79.4%
N/A.....	97	86	1.5%
I nval i d.....	98	604	10.8%
Mi ssi ng.....	99	466	8.3%
TOTALS:		5611	100.0%

BSMJ

Student Rec. 1/1
Pos. 372-373
Format: N2

Occupational status Self (SEI)

	CODES	FREQ	PER- CENT
{16-99}.....	C	4665	83.1%
N/A.....	97	18	0.3%
Invalid.....	98	588	10.5%
Mis si ng.....	99	340	6.1%
TOTALS:		5611	100.0%

HI SEI

Student Rec. 1/1
Pos. 374-375
Format: N2

Highest parental occupational status

	CODES	FREQ	PER- CENT
{16-99}.....	C	5221	93.0%
N/A.....	97	11	0.2%
Mi ssi ng.....	99	379	6.8%
TOTALS:		5611	100.0%

MSECATEG

Student Rec. 1/1
Pos. 376-376
Format: N1

Mother White collar/Blue collar classification

	CODES	FREQ	PER- CENT
White collar high skilled.....	1	2529	45.1%
White collar low skilled.....	2	1590	28.3%
Blue collar high skilled.....	3	123	2.2%
Blue collar low skilled.....	4	343	6.1%
N/A.....	7	11	0.2%
Mi ssi ng.....	9	1015	18.1%
TOTALS:		5611	100.0%

FSECATEG

Student Rec. 1/1
Pos. 377-377
Format: N1

Father White collar/Blue collar classification

	CODES	FREQ	PER-CENT
	-----	-----	-----
White collar high skilled.....	1	2122	37.8%
White collar low skilled.....	2	438	7.8%
Blue collar high skilled.....	3	939	16.7%
Blue collar low skilled.....	4	956	17.0%
N/A.....	7	11	0.2%
Missing.....	9	1145	20.4%
TOTALS:		5611	100.0%

HSECATEG

Student Rec. 1/1
Pos. 378-378
Format: N1

Highest parent White collar/Blue collar classification

	CODES	FREQ	PER-CENT
	-----	-----	-----
White collar high skilled.....	1	3371	60.1%
White collar low skilled.....	2	1194	21.3%
Blue collar high skilled.....	3	323	5.8%
Blue collar low skilled.....	4	333	5.9%
N/A.....	7	11	0.2%
Missing.....	9	379	6.8%
TOTALS:		5611	100.0%

SRC_M

Student Rec. 1/1
Pos. 379-379
Format: N1

Mother science-related career (StQ)

	CODES	FREQ	PER-CENT
	-----	-----	-----
No or indeterminate.....	0	4106	73.2%
Yes.....	1	784	14.0%
N/A.....	7	35	0.6%
Invalid.....	8	360	6.4%
Missing.....	9	326	5.8%
TOTALS:		5611	100.0%

SRC_F

Student Rec. 1/1
Pos. 380-380
Format: N1

Father science-related career (StQ)

	CODES	FREQ	PER- CENT
	-----	-----	-----
No or indeterminate.....	0	4023	71.7%
Yes.....	1	530	9.4%
N/A.....	7	86	1.5%
Invalid.....	8	506	9.0%
Missing.....	9	466	8.3%
TOTALS:		----- 5611	----- 100.0%

SRC_S

Student Rec. 1/1
Pos. 381-381
Format: N1

Self science-related career at 30

	CODES	FREQ	PER- CENT
	-----	-----	-----
No or indeterminate.....	0	3404	60.7%
Yes.....	1	2148	38.3%
N/A.....	7	18	0.3%
Invalid.....	8	6	0.1%
Missing.....	9	35	0.6%
TOTALS:		----- 5611	----- 100.0%

SRC_E

Student Rec. 1/1
Pos. 382-382
Format: N1

Either parent science-related career (StQ)

	CODES	FREQ	PER- CENT
	-----	-----	-----
No or indeterminate.....	0	4119	73.4%
Yes.....	1	1167	20.8%
N/A.....	7	16	0.3%
Missing.....	9	309	5.5%
TOTALS:		----- 5611	----- 100.0%

MI SCED

Student Rec. 1/1
Pos. 383-383
Format: N1

Educational Level of mother (ISCED)

	CODES	FREQ	PER- CENT
None.....	0	118	2.1%
Grade 6.....	1	116	2.1%
Grade 9.....	2	376	6.7%
High School, Vocational training.....	4	2275	40.5%
Associates Degree.....	5	1041	18.6%
Bachelor^s, Master^s, Professional.....	6	1594	28.4%
N/A.....	7	11	0.2%
Invalid.....	8	4	0.1%
Mis si ng.....	9	76	1.4%
TOTALS:		5611	100.0%

FI SCED

Student Rec. 1/1
Pos. 384-384
Format: N1

Educational Level of father (ISCED)

	CODES	FREQ	PER- CENT
None.....	0	139	2.5%
Grade 6.....	1	120	2.1%
Grade 9.....	2	413	7.4%
High School, Vocational training.....	4	2277	40.6%
Associates Degree.....	5	721	12.8%
Bachelor^s, Master^s, Professional.....	6	1580	28.2%
N/A.....	7	11	0.2%
Invalid.....	8	8	0.1%
Mis si ng.....	9	342	6.1%
TOTALS:		5611	100.0%

HI SCED

Student Rec. 1/1
Pos. 385-385
Format: N1

Highest educational level of parents

	CODES	FREQ	PER- CENT
None.....	0	61	1.1%
Grade 6.....	1	75	1.3%

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Grade 9.....	2	260	4.6%
High School, Vocational training.....	4	1950	34.8%
Associates Degree.....	5	1042	18.6%
Bachelor's, Master's, Professional.....	6	2162	38.5%
N/A.....	7	11	0.2%
Invalid.....	8	3	0.1%
Missing.....	9	47	0.8%
TOTALS:		5611	100.0%

PARED

Student Rec. 1/1
Pos. 386-389
Format: N4

Highest parental education in years

	CODES	FREQ	PER-CENT
3 years.....	3	61	1.1%
6 years.....	6	75	1.3%
9 years.....	9	260	4.6%
12 years.....	12	1950	34.8%
14 years.....	14	1042	18.6%
16 years.....	16	2162	38.5%
Missing.....	99	61	1.1%
TOTALS:		5611	100.0%

COBN_M

Student Rec. 1/1
Pos. 390-394
Format: A5

Country of birth (Mother) 5-digit code

	CODES	FREQ	PER-CENT
.....	8400	4430	79.0%
Other countries (USA).....	98400	1046	18.6%
N/A.....	99997	11	0.2%
Invalid.....	99998	3	0.1%
Missing.....	99999	121	2.2%
TOTALS:		5611	100.0%

COBN_F

Student Rec. 1/1
Pos. 395-399
Format: A5

Country of birth (Father) 5-digit code

USA_STUD06_PUD_CODEBOOK.txt

	CODES	FREQ	PER-CENT
.....	8400	4385	78.2%
Other countries (USA).....	98400	1024	18.2%
N/A.....	99997	11	0.2%
Invalid.....	99998	5	0.1%
Missing.....	99999	186	3.3%
TOTALS:		5611	100.0%

COBN_S

Student Rec. 1/1
Pos. 400-404
Format: A5

Country of birth (Self) 5-digit code

	CODES	FREQ	PER-CENT
.....	8400	5078	90.5%
Other countries (USA).....	98400	404	7.2%
N/A.....	99997	11	0.2%
Invalid.....	99998	3	0.1%
Missing.....	99999	115	2.0%
TOTALS:		5611	100.0%

IMMIG

Student Rec. 1/1
Pos. 405-405
Format: N1

Immigration status

	CODES	FREQ	PER-CENT
Native.....	1	4571	81.5%
Second-Generation.....	2	524	9.3%
First-Generation.....	3	327	5.8%
Missing.....	9	189	3.4%
TOTALS:		5611	100.0%

LANGN

Student Rec. 1/1
Pos. 406-408
Format: A3

Language at home (3-digit)

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	CODES	FREQ	PER- CENT
Spani sh.	156	420	7.5%
Engl i sh.	313	4862	86.7%
Other l anguages (USA).....	859	187	3.3%
N/A.	997	25	0.4%
I nval i d.	998	70	1.2%
Mi ssi ng.	999	47	0.8%
TOTALS:		5611	100.0%

 CARINFO Student Rec. 1/1
 Pos. 409-417
 Format: N9.4
 Student information on science-related careers PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
{-2.4382-2.5298, 0.3609709/1.0469864}.....	C	5519	98.4%
N/A.	997	11	0.2%
Mi ssi ng.	999	81	1.4%
TOTALS:		5611	100.0%

 CARPREP Student Rec. 1/1
 Pos. 418-426
 Format: N9.4
 School preparation for science-related careers PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
{-2.9218-1.9563, 0.245672/0.9389305}.....	C	5521	98.4%
N/A.	997	11	0.2%
Mi ssi ng.	999	79	1.4%
TOTALS:		5611	100.0%

 CULTPOSS Student Rec. 1/1
 Pos. 427-435
 Format: N9.4
 Cultural possessions at home PISA 2006 (WLE)

CODES	FREQ	PER- CENT
-------	------	--------------

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	CODES	FREQ	PER-CENT
{-1. 592-1. 1655, -0. 091728/1. 0163603}.	C	5528	98. 5%
N/A.	997	11	0. 2%
Mi ssi ng.	999	72	1. 3%
TOTALS:		5611	100. 0%

ENVAWARE

Student Rec. 1/1
Pos. 436-444
Format: N9. 4

Awareness of envi ronmental i ssues PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-3. 4427-3. 0066, 0. 009362/1. 0859498}.	C	5533	98. 6%
N/A.	997	11	0. 2%
Mi ssi ng.	999	67	1. 2%
TOTALS:		5611	100. 0%

ENVOPT

Student Rec. 1/1
Pos. 445-453
Format: N9. 4

Envi ronmental opti mi sm PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-1. 6054-2. 8518, 0. 1326461/1. 1126037}.	C	5538	98. 7%
N/A.	997	11	0. 2%
Mi ssi ng.	999	62	1. 1%
TOTALS:		5611	100. 0%

ENVPERC

Student Rec. 1/1
Pos. 454-462
Format: N9. 4

Percepti on of envi ronmental i ssues PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-4. 1087-1. 3916, -0. 0725955/1. 1142078}.	C	5524	98. 4%
N/A.	997	11	0. 2%
Mi ssi ng.	999	76	1. 4%
TOTALS:		5611	100. 0%

 ESCS

Student Rec. 1/1
 Pos. 463-471
 Format: N9.4

Index of economic, social and cultural status PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-3.159-2.4947, 0.129265/0.9080472}.....	C	5568	99.2%
N/A.....	997	11	0.2%
Missing.....	999	32	0.6%
TOTALS:		5611	100.0%

 GENSCIE

Student Rec. 1/1
 Pos. 472-480
 Format: N9.4

General value of science PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-3.6618-2.1867, 0.1461615/1.0892445}....	C	5536	98.7%
N/A.....	997	11	0.2%
Missing.....	999	64	1.1%
TOTALS:		5611	100.0%

 HEDRES

Student Rec. 1/1
 Pos. 481-489
 Format: N9.4

Home educational resources PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-3.9043-0.4081, -0.3344937/0.8535729}...	C	5566	99.2%
N/A.....	997	11	0.2%
Missing.....	999	34	0.6%
TOTALS:		5611	100.0%

 HIGHCONF

Student Rec. 1/1
 Pos. 490-498
 Format: N9.4

Self-confidence in ICT high level tasks PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
N/A.....	997	5611	100.0%
TOTALS:		5611	100.0%

HOMEPOS

Student Rec. 1/1
Pos. 499-507
Format: N9.4

Index of home possessions PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-5.8828-2.6722, -0.1135864/0.9814693}...	C	5577	99.4%
N/A.....	997	11	0.2%
Missing.....	999	23	0.4%
TOTALS:		5611	100.0%

INSTSCIE

Student Rec. 1/1
Pos. 508-516
Format: N9.4

Instrumental motivation in science PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-2.1025-1.8212, 0.2936686/0.9211731}....	C	5482	97.7%
N/A.....	997	11	0.2%
Missing.....	999	118	2.1%
TOTALS:		5611	100.0%

INTCONF

Student Rec. 1/1
Pos. 517-525
Format: N9.4

Self-confidence in ICT Internet tasks PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
N/A.....	997	5611	100.0%

TOTALS: 5611 100.0%

INTSCIE

Student Rec. 1/1
Pos. 526-534
Format: N9.4

General interest in learning science PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-3.1448-3.2888, 0.0177286/1.0799471}	C	5545	98.8%
N/A	997	11	0.2%
Missing	999	55	1.0%
TOTALS:		5611	100.0%

INTUSE

Student Rec. 1/1
Pos. 535-543
Format: N9

ICT Internet/entertainment use PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
N/A	997	5611	100.0%
TOTALS:		5611	100.0%

JOYSCIE

Student Rec. 1/1
Pos. 544-552
Format: N9.4

Enjoyment of science PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-2.1517-2.0562, -0.0371973/1.0131043}	C	5555	99.0%
N/A	997	11	0.2%
Missing	999	45	0.8%
TOTALS:		5611	100.0%

PERSCIE

Student Rec. 1/1
Pos. 553-561

Personal value of science PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-3.0797-2.5264, 0.2890649/1.0437192}.....	C	5535	98.6%
N/A.....	997	11	0.2%
Missing.....	999	65	1.2%
TOTALS:		5611	100.0%

PRGUSE

Student Rec. 1/1
Pos. 562-570
Format: N9

ICT program/software use PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
N/A.....	997	5611	100.0%
TOTALS:		5611	100.0%

RESPDEV

Student Rec. 1/1
Pos. 571-579
Format: N9.4

Responsibility for sustainable development PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-3.9991-2.3029, -0.3125319/0.9346641}...	C	5528	98.5%
N/A.....	997	11	0.2%
Missing.....	999	72	1.3%
TOTALS:		5611	100.0%

SCAPPLY

Student Rec. 1/1
Pos. 580-588
Format: N9.4

Science Teaching - Focus on applications or models PISA 2006 (WLE)

CODES	FREQ	PER-CENT
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	CODES	FREQ	PER-CENT
{-2. 4581-2. 6335, 0. 3924743/1. 0179213}	C	5467	97.4%
N/A.	997	11	0.2%
Mi ssi ng.	999	133	2.4%
TOTALS:		5611	100.0%

SCHANDS

Student Rec. 1/1
Pos. 589-597
Format: N9.4

Science Teaching - Hands-on activities PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-2. 1023-2. 9082, 0. 6759756/0. 8923175}	C	5475	97.6%
N/A.	997	11	0.2%
Mi ssi ng.	999	125	2.2%
TOTALS:		5611	100.0%

SCIEACT

Student Rec. 1/1
Pos. 598-606
Format: N9.4

Science activities PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-1. 6907-3. 3797, -0. 0910882/1. 0056359}	C	5543	98.8%
N/A.	997	11	0.2%
Mi ssi ng.	999	57	1.0%
TOTALS:		5611	100.0%

SCIEEFF

Student Rec. 1/1
Pos. 607-615
Format: N9.4

Science self-efficacy PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-3. 7682-3. 223, 0. 216185/1. 1472843}	C	5542	98.8%
N/A.	997	11	0.2%
Mi ssi ng.	999	58	1.0%
TOTALS:		5611	100.0%

 SCIEFUT

Student Rec. 1/1
 Pos. 616-624
 Format: N9.4

Future-oriented science motivation PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-1.4186-2.2714, 0.2123858/0.965061}.	C	5530	98.6%
N/A.	997	11	0.2%
Missing.	999	70	1.2%
		-----	-----
TOTALS:		5611	100.0%

 SCINTACT

Student Rec. 1/1
 Pos. 625-633
 Format: N9.4

Science Teaching - Interaction PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-2.5098-2.4735, 0.2914305/0.9544968}.	C	5481	97.7%
N/A.	997	11	0.2%
Missing.	999	119	2.1%
		-----	-----
TOTALS:		5611	100.0%

 SCINVEST

Student Rec. 1/1
 Pos. 634-642
 Format: N9.4

Science Teaching - Student investigations PISA 2006 (WLE)

	CODES	FREQ	PER- CENT
	-----	-----	-----
{-1.259-3.0265, 0.485052/1.0356202}.	C	5467	97.4%
N/A.	997	11	0.2%
Missing.	999	133	2.4%
		-----	-----
TOTALS:		5611	100.0%

 SCSCIE

Student Rec. 1/1
 Pos. 643-651
 Format: N9.4

Science self-concept PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-2.3632-2.2442, 0.2047308/1.0365524}. . . .	C	5481	97.7%
N/A.	997	11	0.2%
Missing.	999	119	2.1%
TOTALS:		5611	100.0%

WEALTH

Student Rec. 1/1
Pos. 652-660
Format: N9.4

Family wealth PISA 2006 (WLE)

	CODES	FREQ	PER-CENT
{-4.0079-1.9063, 0.1509603/0.7984479}. . . .	C	5577	99.4%
N/A.	997	11	0.2%
Missing.	999	23	0.4%
TOTALS:		5611	100.0%

PV1MATH

Student Rec. 1/1
Pos. 661-669
Format: N9.4

Plausible value in math

	CODES	FREQ	PER-CENT
{174.0069-808.763, 475.1774617/89.8657049}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2MATH

Student Rec. 1/1
Pos. 670-678
Format: N9.4

Plausible value in math

	CODES	FREQ	PER-CENT
{138.1757-772.153, 474.4368398/89.092445}	C	5611	100.0%

TOTALS:

5611	100.0%
------	--------

PV3MATH

Student Rec. 1/1
Pos. 679-687
Format: N9.4

Plausible value in math

	CODES	FREQ	PER-CENT
{187. 5604-755. 4058, 474. 4565529/88. 9514689}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4MATH

Student Rec. 1/1
Pos. 688-696
Format: N9.4

Plausible value in math

	CODES	FREQ	PER-CENT
{177. 9794-778. 4624, 474. 9726973/88. 6575264}	C	5611	100.0%
TOTALS:		5611	100.0%

PV5MATH

Student Rec. 1/1
Pos. 697-705
Format: N9.4

Plausible value in math

	CODES	FREQ	PER-CENT
{174. 3184-765. 1425, 474. 53707/89. 4090896}	C	5611	100.0%
TOTALS:		5611	100.0%

PV1READ

Student Rec. 1/1
Pos. 706-714
Format: N9

Plausible value in reading

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	CODES	FREQ	PER- CENT
Inval id.....	9998	5611	100.0%
TOTALS:		5611	100.0%

PV2READ

Student Rec. 1/1
Pos. 715-723
Format: N9

Pl ausi bl e val ue i n readi ng

	CODES	FREQ	PER- CENT
Inval id.....	9998	5611	100.0%
TOTALS:		5611	100.0%

PV3READ

Student Rec. 1/1
Pos. 724-732
Format: N9

Pl ausi bl e val ue i n readi ng

	CODES	FREQ	PER- CENT
Inval id.....	9998	5611	100.0%
TOTALS:		5611	100.0%

PV4READ

Student Rec. 1/1
Pos. 733-741
Format: N9

Pl ausi bl e val ue i n readi ng

	CODES	FREQ	PER- CENT
Inval id.....	9998	5611	100.0%
TOTALS:		5611	100.0%

PV5READ

Student Rec. 1/1

Plausible value in reading

	CODES	FREQ	PER-CENT
Inval id.	9998	5611	100.0%
TOTALS:		5611	100.0%

PV1SCIE

Student Rec. 1/1
Pos. 751-759
Format: N9.4

Plausible value in science

	CODES	FREQ	PER-CENT
{163. 9266-822. 0535, 488. 2918755/105. 5666639}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2SCIE

Student Rec. 1/1
Pos. 760-768
Format: N9.4

Plausible value in science

	CODES	FREQ	PER-CENT
{165. 7926-842. 3925, 488. 4006213/105. 4395918}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3SCIE

Student Rec. 1/1
Pos. 769-777
Format: N9.4

Plausible value in science

	CODES	FREQ	PER-CENT
{139. 7623-830. 2637, 488. 2532987/105. 3221366}	C	5611	100.0%
TOTALS:		5611	100.0%

 PV4SCIE

Student Rec. 1/1
 Pos. 778-786
 Format: N9.4

Plausible value in science

	CODES	FREQ	PER- CENT
	-----	-----	-----
{160. 1014-829. 8906, 488. 6058081/105. 5203001}	C	5611	100.0%
TOTALS:		5611	100.0%

 PV5SCIE

Student Rec. 1/1
 Pos. 787-795
 Format: N9.4

Plausible value in science

	CODES	FREQ	PER- CENT
	-----	-----	-----
{126. 6072-806. 8458, 487. 9029519/105. 5986695}	C	5611	100.0%
TOTALS:		5611	100.0%

 PV1INTR

Student Rec. 1/1
 Pos. 796-804
 Format: N9.4

Plausible value in interest in science

	CODES	FREQ	PER- CENT
	-----	-----	-----
{48. 0302-924. 6425, 479. 7899272/104. 7578813}	C	5611	100.0%
TOTALS:		5611	100.0%

 PV2INTR

Student Rec. 1/1
 Pos. 805-813
 Format: N9.4

Plausible value in interest in science

PER-

	CODES	FREQ	CENT
{1. 1454-929. 9114, 479. 8510445/104. 1260197}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3I NTR

Student Rec. 1/1
Pos. 814-822
Format: N9.4

Plausible value in interest in science

	CODES	FREQ	PER-CENT
{48. 0302-957. 6851, 479. 6786749/104. 4750333}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4I NTR

Student Rec. 1/1
Pos. 823-831
Format: N9.4

Plausible value in interest in science

	CODES	FREQ	PER-CENT
{42. 6719-957. 6851, 479. 2078804/104. 0660148}	C	5611	100.0%
TOTALS:		5611	100.0%

PV5I NTR

Student Rec. 1/1
Pos. 832-840
Format: N9.4

Plausible value in interest in science

	CODES	FREQ	PER-CENT
{3. 378-911. 1575, 480. 0692517/104. 0015375}	C	5611	100.0%
TOTALS:		5611	100.0%

PV1SUPP

Student Rec. 1/1
Pos. 841-849
Format: N9.4

Plausible value in support for scientific inquiry

	CODES	FREQ	PER-CENT
{-17. 515-887. 7412, 490. 3842226/99. 7048788}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2SUPP

Student Rec. 1/1
Pos. 850-858
Format: N9.4

Plausible value in support for scientific inquiry

	CODES	FREQ	PER-CENT
{-143. 5924-843. 6887, 490. 9184656/100. 0705587}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3SUPP

Student Rec. 1/1
Pos. 859-867
Format: N9.4

Plausible value in support for scientific inquiry

	CODES	FREQ	PER-CENT
{-10. 5171-889. 462, 490. 4758196/99. 4503019}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4SUPP

Student Rec. 1/1
Pos. 868-876
Format: N9.4

Plausible value in support for scientific inquiry

	CODES	FREQ	PER-CENT
{-3. 9781-898. 7543, 491. 5823336/99. 0590974}	C	5611	100.0%
TOTALS:		5611	100.0%

PV5SUPP

Student Rec. 1/1
Pos. 877-885
Format: N9.4

Pl ausi ble val ue i n support for scienti fi c i nqui ry

	CODES	FREQ	PER- CENT
	-----	-----	-----
{35. 3709-894. 1655, 491. 1697426/100. 148799}	C	5611	100.0%
TOTALS:		5611	100.0%

PV1EPS

Student Rec. 1/1
Pos. 886-894
Format: N9.4

Pl ausi ble val ue i n expl ai ni ng phenom ena scienti fi cal l y

	CODES	FREQ	PER- CENT
	-----	-----	-----
{92. 1801-842. 3925, 485. 921421/109. 1844692}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2EPS

Student Rec. 1/1
Pos. 895-903
Format: N9.4

Pl ausi ble val ue i n expl ai ni ng phenom ena scienti fi cal l y

	CODES	FREQ	PER- CENT
	-----	-----	-----
{69. 7885-850. 5095, 486. 1841405/109. 4831249}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3EPS

Student Rec. 1/1
Pos. 904-912
Format: N9.4

Pl ausi ble val ue i n expl ai ni ng phenom ena scienti fi cal l y

CODES	FREQ	PER- CENT
-----	-----	-----

{31. 5362-844. 2585, 486. 6513802/109. 3696714}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4EPS

Student Rec. 1/1
Pos. 913-921
Format: N9.4

Pl ausi ble value in expl ai ni ng phenom ena sci enti fi cal ly

	CODES	FREQ	PER- CENT
	-----	-----	-----
{0-841. 6461, 485. 4462326/109. 3485801}. . . .	C	5611	100.0%
TOTALS:		5611	100.0%

PV5EPS

Student Rec. 1/1
Pos. 922-930
Format: N9.4

Pl ausi ble value in expl ai ni ng phenom ena sci enti fi cal ly

	CODES	FREQ	PER- CENT
	-----	-----	-----
{16. 6084-821. 587, 485. 9909252/109. 8808074}	C	5611	100.0%
TOTALS:		5611	100.0%

PV11 SI

Student Rec. 1/1
Pos. 931-939
Format: N9.4

Pl ausi ble value in i denti fyi ng sci enti fi c i ssues

	CODES	FREQ	PER- CENT
	-----	-----	-----
{207. 217-831. 1967, 491. 4657841/98. 9807509}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2I SI

Student Rec. 1/1
Pos. 940-948
Format: N9.4

Pl ausi ble value in i denti fyi ng sci enti fi c i ssues

	CODES	FREQ	PER-CENT
	-----	-----	-----
{110. 7465-829. 0509, 491. 6802823/99. 0943562}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3I SI

Student Rec. 1/1
Pos. 949-957
Format: N9.4
Possible value in identifying scientific issues

	CODES	FREQ	PER-CENT
	-----	-----	-----
{154. 69-803. 3938, 492. 3290966/99. 4286305}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4I SI

Student Rec. 1/1
Pos. 958-966
Format: N9.4
Possible value in identifying scientific issues

	CODES	FREQ	PER-CENT
	-----	-----	-----
{165. 8859-804. 0469, 490. 9997076/98. 8449232}	C	5611	100.0%
TOTALS:		5611	100.0%

PV5I SI

Student Rec. 1/1
Pos. 967-975
Format: N9.4
Possible value in identifying scientific issues

	CODES	FREQ	PER-CENT
	-----	-----	-----
{167. 4719-790. 1454, 491. 6623243/99. 0754069}	C	5611	100.0%
TOTALS:		5611	100.0%

PV1USE

Student Rec. 1/1
Pos. 976-984
Format: N9.4

Plausible value in using scientific evidence

	CODES	FREQ	PER- CENT
	-----	-----	-----
{107. 9475-875. 98, 487. 4954059/115. 7058429}	C	5611	100.0%
TOTALS:		5611	100.0%

PV2USE

Student Rec. 1/1
Pos. 985-993
Format: N9.4

Plausible value in using scientific evidence

	CODES	FREQ	PER- CENT
	-----	-----	-----
{106. 1749-837. 7276, 487. 6608524/116. 0652792}	C	5611	100.0%
TOTALS:		5611	100.0%

PV3USE

Student Rec. 1/1
Pos. 994-1002
Format: N9.4

Plausible value in using scientific evidence

	CODES	FREQ	PER- CENT
	-----	-----	-----
{114. 5717-879. 7119, 488. 0838622/115. 5862478}	C	5611	100.0%
TOTALS:		5611	100.0%

PV4USE

Student Rec. 1/1
Pos. 1003-1011
Format: N9.4

Plausible value in using scientific evidence

	CODES	FREQ	PER- CENT
	-----	-----	-----
{90. 3141-815. 2427, 486. 9521757/115. 9201294}	C	5611	100.0%

TOTALS: 5611 100.0%

PV5USE

Student Rec. 1/1
Pos. 1012-1020
Format: N9.4

Plausible value in using scientific evidence

	CODES	FREQ	PER- CENT
	-----	-----	-----
{79.025-833.0627, 487.1786471/116.2581468}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTUWT

Student Rec. 1/1
Pos. 1021-1029
Format: N9.4

FINAL STUDENT WEIGHT

	CODES	FREQ	PER- CENT
	-----	-----	-----
{160.2484-2238.81, 637.6830512/282.4366469}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR1

Student Rec. 1/1
Pos. 1030-1038
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT1

	CODES	FREQ	PER- CENT
	-----	-----	-----
{112.581-3499.77, 628.4320004/418.7156526}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR2

Student Rec. 1/1
Pos. 1039-1047
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT2

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	CODES	FREQ	PER- CENT
{92. 7131-3274. 77, 636. 2053602/449. 2557894}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR3

Student Rec. 1/1
Pos. 1048-1056
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT3

	CODES	FREQ	PER- CENT
{95. 2742-3252. 54, 638. 6136155/459. 3640507}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR4

Student Rec. 1/1
Pos. 1057-1065
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT4

	CODES	FREQ	PER- CENT
{106. 9767-3090. 18, 634. 593919/472. 6361116}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR5

Student Rec. 1/1
Pos. 1066-1074
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT5

	CODES	FREQ	PER- CENT
{95. 7623-3308. 98, 635. 9805475/442. 6212464}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR6

Student Rec. 1/1
Pos. 1075-1083

FINAL STUDENT REPLICATE BRR-FAY WEIGHT6

	CODES	FREQ	PER-CENT
{78. 0022-3214. 11, 615. 1154142/399. 2608348}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR7

Student Rec. 1/1
Pos. 1084-1092
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT7

	CODES	FREQ	PER-CENT
{82. 73-3161. 36, 642. 3118199/439. 1735654}.	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR8

Student Rec. 1/1
Pos. 1093-1101
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT8

	CODES	FREQ	PER-CENT
{171. 0673-3348. 82, 640. 8173595/451. 0497541}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR9

Student Rec. 1/1
Pos. 1102-1110
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT9

	CODES	FREQ	PER-CENT
{77. 534-3383. 01, 658. 1564688/506. 8036994}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR10

Student Rec. 1/1
Pos. 1111-1119
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT10

	CODES	FREQ	PER- CENT
	-----	-----	-----
{76. 7408-3214. 11, 650. 987888/448. 7334161}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR11

Student Rec. 1/1
Pos. 1120-1128
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT11

	CODES	FREQ	PER- CENT
	-----	-----	-----
{90. 9458-3214. 11, 648. 0060398/472. 7662189}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR12

Student Rec. 1/1
Pos. 1129-1137
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT12

	CODES	FREQ	PER- CENT
	-----	-----	-----
{93. 8175-3260. 88, 658. 3183883/486. 8842369}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR13

Student Rec. 1/1
Pos. 1138-1146
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT13

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	CODES	FREQ	PER-CENT
{81. 9935-2949. 62, 648. 081497/461. 3451756}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR14

Student Rec. 1/1
Pos. 1147-1155
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT14

	CODES	FREQ	PER-CENT
{82. 73-3340. 82, 638. 2536635/444. 9597784}.	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR15

Student Rec. 1/1
Pos. 1156-1164
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT15

	CODES	FREQ	PER-CENT
{77. 0479-3599. 18, 630. 9749941/448. 0157352}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR16

Student Rec. 1/1
Pos. 1165-1173
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT16

	CODES	FREQ	PER-CENT
{81. 548-3381. 19, 639. 1793278/480. 4162106}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR17

Student Rec. 1/1
Pos. 1174-1182
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT17

	CODES	FREQ	PER- CENT
{91. 6943-3292. 81, 653. 8958272/487. 1651978}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR18

Student Rec. 1/1
Pos. 1183-1191
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT18

	CODES	FREQ	PER- CENT
{82. 391-3351. 85, 672. 066746/510. 6004254}.	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR19

Student Rec. 1/1
Pos. 1192-1200
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT19

	CODES	FREQ	PER- CENT
{98. 8234-3635. 98, 632. 2139314/465. 5444564}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR20

Student Rec. 1/1
Pos. 1201-1209
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT20

	CODES	FREQ	PER- CENT
{77. 8444-3348. 82, 640. 3305758/439. 9630881}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR21

Student Rec. 1/1
Pos. 1210-1218
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT21

	CODES	FREQ	PER- CENT
	-----	-----	-----
{81. 1547-3099. 36, 658. 5678732/477. 4925153}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR22

Student Rec. 1/1
Pos. 1219-1227
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT22

	CODES	FREQ	PER- CENT
	-----	-----	-----
{83. 5852-3531. 07, 639. 8463944/453. 8615815}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR23

Student Rec. 1/1
Pos. 1228-1236
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT23

	CODES	FREQ	PER- CENT
	-----	-----	-----
{81. 1547-3140. 78, 637. 8971884/458. 535658}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR24

Student Rec. 1/1
Pos. 1237-1245
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT24

	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 2041-3692. 69, 640. 1424633/468. 4713492}	C	5611	100.0%

TOTALS:

5611 100.0%

W_FSTR25

Student Rec. 1/1
Pos. 1246-1254
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT25

	CODES	FREQ	PER- CENT
	-----	-----	-----
{76. 8576-3246. 87, 637. 7346692/476. 2518029}	C	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

W_FSTR26

Student Rec. 1/1
Pos. 1255-1263
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT26

	CODES	FREQ	PER- CENT
	-----	-----	-----
{156. 3021-3308. 98, 640. 1375768/472. 3248582}	C	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

W_FSTR27

Student Rec. 1/1
Pos. 1264-1272
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT27

	CODES	FREQ	PER- CENT
	-----	-----	-----
{94. 1975-3308. 98, 652. 7438947/492. 9992387}	C	5611	100.0%
TOTALS:		----- 5611	----- 100.0%

W_FSTR28

Student Rec. 1/1
Pos. 1273-1281
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT28

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	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 6521-3233. 29, 637. 107482/442. 7924299}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR29

Student Rec. 1/1
Pos. 1282-1290
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT29

	CODES	FREQ	PER- CENT
	-----	-----	-----
{93. 1623-3283. 15, 634. 8899438/444. 9367334}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR30

Student Rec. 1/1
Pos. 1291-1299
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT30

	CODES	FREQ	PER- CENT
	-----	-----	-----
{102. 386-3514. 27, 645. 0665903/464. 4384476}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR31

Student Rec. 1/1
Pos. 1300-1308
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT31

	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 6521-3381. 19, 648. 6627534/476. 61202}.	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR32

Student Rec. 1/1

FINAL STUDENT REPLICATE BRR-FAY WEIGHT32

	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 0479-3147. 61, 634. 8742721/425. 6178467}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR33

Student Rec. 1/1
Pos. 1318-1326
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT33

	CODES	FREQ	PER- CENT
	-----	-----	-----
{96. 1391-3499. 77, 649. 4352488/486. 9489571}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR34

Student Rec. 1/1
Pos. 1327-1335
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT34

	CODES	FREQ	PER- CENT
	-----	-----	-----
{91. 6943-3383. 01, 647. 7752239/487. 0760102}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR35

Student Rec. 1/1
Pos. 1336-1344
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT35

	CODES	FREQ	PER- CENT
	-----	-----	-----
{113. 037-3499. 77, 645. 8633782/443. 131871}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR36

Student Rec. 1/1
Pos. 1345-1353
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT36

	CODES	FREQ	PER- CENT
	-----	-----	-----
{176. 298-3057. 88, 619. 1131684/403. 2855243}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR37

Student Rec. 1/1
Pos. 1354-1362
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT37

	CODES	FREQ	PER- CENT
	-----	-----	-----
{83. 0439-3558. 03, 627. 6318554/420. 1243422}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR38

Student Rec. 1/1
Pos. 1363-1371
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT38

	CODES	FREQ	PER- CENT
	-----	-----	-----
{91. 9747-3047. 6, 620. 6567399/393. 0204263}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR39

Student Rec. 1/1
Pos. 1372-1380
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT39

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	CODES	FREQ	CENT
{83. 0439-3348. 82, 638. 8071955/442. 1501569}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR40

Student Rec. 1/1
Pos. 1381-1389
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT40

	CODES	FREQ	PER-CENT
{98. 8234-3292. 81, 652. 3210055/481. 3861215}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR41

Student Rec. 1/1
Pos. 1390-1398
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT41

	CODES	FREQ	PER-CENT
{81. 8454-3499. 77, 619. 0000874/382. 5734846}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR42

Student Rec. 1/1
Pos. 1399-1407
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT42

	CODES	FREQ	PER-CENT
{82. 7141-3274. 77, 630. 134373/432. 2996181}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR43

Student Rec. 1/1
Pos. 1408-1416
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT43

	CODES	FREQ	PER- CENT
{81. 8454-3450. 76, 632. 5096217/454. 3418207}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR44

Student Rec. 1/1
Pos. 1417-1425
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT44

	CODES	FREQ	PER- CENT
{76. 952-3090. 18, 641. 8329932/452. 4420014}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR45

Student Rec. 1/1
Pos. 1426-1434
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT45

	CODES	FREQ	PER- CENT
{77. 0878-3308. 98, 632. 5568704/412. 6076141}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR46

Student Rec. 1/1
Pos. 1435-1443
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT46

	CODES	FREQ	PER- CENT
{98. 9805-3214. 11, 618. 5762931/398. 5078034}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR47

Student Rec. 1/1
Pos. 1444-1452
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT47

	CODES	FREQ	PER- CENT
	-----	-----	-----
{94. 1975-3161. 36, 631. 7991594/401. 5040047}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR48

Student Rec. 1/1
Pos. 1453-1461
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT48

	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 8847-3348. 82, 644. 3332852/450. 3844657}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR49

Student Rec. 1/1
Pos. 1462-1470
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT49

	CODES	FREQ	PER- CENT
	-----	-----	-----
{93. 1623-3317. 27, 639. 1924607/468. 0342826}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR50

Student Rec. 1/1
Pos. 1471-1479
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT50

CODES	FREQ	PER- CENT
-----	-----	-----

{114. 9528-3214. 11, 635. 0291022/430. 5505253}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR51

Student Rec. 1/1
Pos. 1480-1488
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT51

	CODES	FREQ	PER- CENT
	-----	-----	-----
{77. 8847-3641. 94, 632. 6887008/447. 5972374}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR52

Student Rec. 1/1
Pos. 1489-1497
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT52

	CODES	FREQ	PER- CENT
	-----	-----	-----
{76. 825-3489. 24, 633. 2999503/450. 7500098}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR53

Student Rec. 1/1
Pos. 1498-1506
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT53

	CODES	FREQ	PER- CENT
	-----	-----	-----
{134. 1388-2949. 62, 637. 8404671/435. 3810143}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR54

Student Rec. 1/1
Pos. 1507-1515
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT54

	CODES	FREQ	PER- CENT
	-----	-----	-----
{91. 6943-3340. 82, 630. 2547863/423. 7137}..	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR55

Student Rec. 1/1
Pos. 1516-1524
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT55

	CODES	FREQ	PER- CENT
	-----	-----	-----
{93. 6502-3595. 46, 633. 7311153/438. 2285335}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR56

Student Rec. 1/1
Pos. 1525-1533
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT56

	CODES	FREQ	PER- CENT
	-----	-----	-----
{86. 8072-3489. 24, 635. 1936542/468. 7244682}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR57

Student Rec. 1/1
Pos. 1534-1542
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEI GHT57

	CODES	FREQ	PER- CENT
	-----	-----	-----
{82. 2798-3450. 76, 644. 4192102/476. 4663828}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR58

Student Rec. 1/1
Pos. 1543-1551
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT58

	CODES	FREQ	PER- CENT
	-----	-----	-----
{108. 6894-3595. 46, 656. 415905/486. 8634324}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR59

Student Rec. 1/1
Pos. 1552-1560
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT59

	CODES	FREQ	PER- CENT
	-----	-----	-----
{82. 2798-3553. 23, 632. 9894414/441. 3915877}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR60

Student Rec. 1/1
Pos. 1561-1569
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT60

	CODES	FREQ	PER- CENT
	-----	-----	-----
{143. 4131-3348. 82, 621. 7816593/424. 5774732}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR61

Student Rec. 1/1
Pos. 1570-1578
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT61

	CODES	FREQ	PER- CENT
	-----	-----	-----
{106. 867-3641. 94, 640. 295747/458. 9515273}	C	5611	100.0%

TOTALS: 5611 100.0%

W_FSTR62

Student Rec. 1/1
Pos. 1579-1587
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT62

	CODES	FREQ	PER- CENT
	-----	-----	-----
{92. 7131-3193. 71, 639. 0711006/423. 9798167}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR63

Student Rec. 1/1
Pos. 1588-1596
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT63

	CODES	FREQ	PER- CENT
	-----	-----	-----
{99. 7033-3140. 78, 637. 6626085/449. 70265}.	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR64

Student Rec. 1/1
Pos. 1597-1605
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT64

	CODES	FREQ	PER- CENT
	-----	-----	-----
{90. 3493-3381. 19, 643. 3933295/431. 7102956}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR65

Student Rec. 1/1
Pos. 1606-1614
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT65

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	CODES	FREQ	PER- CENT
{113. 037-3450. 76, 638. 7452775/471. 0316056}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR66

Student Rec. 1/1
Pos. 1615-1623
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT66

	CODES	FREQ	PER- CENT
{77. 7475-3489. 24, 650. 5488976/484. 9212461}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR67

Student Rec. 1/1
Pos. 1624-1632
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT67

	CODES	FREQ	PER- CENT
{81. 8678-3450. 76, 641. 7252083/465. 4142135}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR68

Student Rec. 1/1
Pos. 1633-1641
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT68

	CODES	FREQ	PER- CENT
{98. 8234-3136. 94, 637. 9389943/449. 0810613}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR69

Student Rec. 1/1
Pos. 1642-1650

FINAL STUDENT REPLICATE BRR-FAY WEIGHT69

	CODES	FREQ	PER-CENT
{77. 7408-3283. 15, 621. 6558195/383. 4703909}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR70

Student Rec. 1/1
Pos. 1651-1659
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT70

	CODES	FREQ	PER-CENT
{76. 9454-3514. 27, 635. 1530069/438. 6461962}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR71

Student Rec. 1/1
Pos. 1660-1668
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT71

	CODES	FREQ	PER-CENT
{141. 8874-3381. 19, 633. 5357675/448. 828959}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR72

Student Rec. 1/1
Pos. 1669-1677
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT72

	CODES	FREQ	PER-CENT
{103. 0679-3147. 61, 625. 1241945/392. 7027631}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR73

Student Rec. 1/1
Pos. 1678-1686
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT73

	CODES	FREQ	PER- CENT
{82. 6914-3499. 77, 637. 0416768/454. 0317124}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR74

Student Rec. 1/1
Pos. 1687-1695
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT74

	CODES	FREQ	PER- CENT
{81. 8678-3317. 27, 640. 1524735/463. 1286086}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR75

Student Rec. 1/1
Pos. 1696-1704
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT75

	CODES	FREQ	PER- CENT
{76. 825-3499. 77, 655. 3191122/437. 8495115}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR76

Student Rec. 1/1
Pos. 1705-1713
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT76

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	CODES	FREQ	PER-CENT
{82. 3307-3057. 88, 626. 7039036/404. 1459105}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR77

Student Rec. 1/1
Pos. 1714-1722
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT77

	CODES	FREQ	PER-CENT
{91. 6943-3173. 57, 615. 7213621/388. 0879}. .	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR78

Student Rec. 1/1
Pos. 1723-1731
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT78

	CODES	FREQ	PER-CENT
{83. 1817-3047. 6, 621. 5143694/390. 7364019}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR79

Student Rec. 1/1
Pos. 1732-1740
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT79

	CODES	FREQ	PER-CENT
{90. 8351-3348. 82, 625. 538869/424. 0880039}	C	5611	100.0%
TOTALS:		5611	100.0%

W_FSTR80

Student Rec. 1/1
Pos. 1741-1749
Format: N9.4

FINAL STUDENT REPLICATE BRR-FAY WEIGHT80

	CODES	FREQ	PER-CENT
{77. 6191-3292. 81, 639. 6422839/451. 049628}	C	5611	100.0%
TOTALS:		5611	100.0%

RACE

Student Rec. 1/1
Pos. 1750-1750
Format: N1

Race - derived

	CODES	FREQ	PER-CENT
Hi spani c.	1	1020	18.2%
Whi te, not Hi spani c.	2	3242	57.8%
Bl ack, not Hi spani c.	3	749	13.3%
Asi an, not Hi spani c.	4	204	3.6%
Mul ti raci al , not Hi spani c.	5	220	3.9%
Other.	6	88	1.6%
Mi ssi ng.	9	88	1.6%
TOTALS:		5611	100.0%

CNTFAC

Student Rec. 1/1
Pos. 1751-1763
Format: N13.10

Country weight factor for normalised weights (mul ti -level)

	CODES	FREQ	PER-CENT
{0. 0015682-0. 0015682, 0. 0015682/0}.	C	5611	100.0%
TOTALS:		5611	100.0%

SUBFAC

Student Rec. 1/1
Pos. 1764-1776
Format: N13.10

Adjudi cated regi on wei ght factor for normal i sed wei ghts (mul ti -level)

CODES	FREQ	PER-CENT
-------	------	----------

{0. 0015682-0. 0015682, 0. 0015682/0}.....	C	5611	100.0%
TOTALS:		5611	100.0%

WVARSTRR

Student Rec. 1/1
Pos. 1777-1778
Format: N2

RANDOMIZED FINAL VARIANCE STRATUM (1-80)

	CODES	FREQ	PER-CENT
{1-78}.....	C	5611	100.0%
TOTALS:		5611	100.0%

RANDUNIT

Student Rec. 1/1
Pos. 1779-1779
Format: N1

FINAL VARIANCE UNIT (1, 2, 3)

	CODES	FREQ	PER-CENT
1.....	1	2845	50.7%
2.....	2	2766	49.3%
TOTALS:		5611	100.0%

STRATUM

Student Rec. 1/1
Pos. 1780-1784
Format: A5

Original stratum

	CODES	FREQ	PER-CENT
USA: Stratum 97.....	84097	5611	100.0%
TOTALS:		5611	100.0%

TESTLANG

Student Rec. 1/1
Pos. 1785-1787
Format: A3

Language of Test

	CODES	FREQ	PER-CENT
Engli sh.	ENG	5611	100.0%
TOTALS:		5611	100.0%

CLCUSE3A

Student Rec. 1/1
Pos. 1788-1790
Format: N3

Effort-real: a (scale where 1 is low and 10 is high)
How much effort did you invest?

	CODES	FREQ	PER-CENT
{1-10, 8. 1718168/1. 5448615}.....	C	5372	95.7%
Inval id.	998	26	0.5%
Mi ssi ng.	999	213	3.8%
TOTALS:		5611	100.0%

CLCUSE3B

Student Rec. 1/1
Pos. 1791-1793
Format: N3

Effort-real: b (scale where 1 is low and 10 is high)
How much effort would you have invested if your grades from the test were going to be counted in your school grades?

	CODES	FREQ	PER-CENT
{1-10, 9. 4056621/1. 206236}.....	C	5369	95.7%
Inval id.	998	27	0.5%
Mi ssi ng.	999	215	3.8%
TOTALS:		5611	100.0%

DEFFORT

Student Rec. 1/1
Pos. 1794-1796
Format: N3

Effort di fferenti al

USA_STUD06_PUD_CODEBOOK.txt

	CODES	FREQ	PER-CENT
{-9-9, 1. 2307262/1. 5926}.....	C	5357	95.5%
Invalid.....	998	34	0.6%
Missing.....	999	220	3.9%
TOTALS:		5611	100.0%

S421Q02

Student Rec. 1/1
Pos. 1797-1797
Format: N1

Deleted science item - Big and Small (Q02)

	CODES	FREQ	PER-CENT
No credit.....	0	1227	21.9%
Full credit.....	1	465	8.3%
Not administered.....	7	3876	69.1%
Missing.....	9	43	0.8%
TOTALS:		5611	100.0%

S456Q01

Student Rec. 1/1
Pos. 1798-1799
Format: N2

Deleted science item - The Cheetah (Q01)

	CODES	FREQ	PER-CENT
Yes, Yes: Full credit.....	11	838	14.9%
Yes, No: No credit.....	12	515	9.2%
Yes, Missing: No credit.....	19	2	0.0%
No, Yes: No credit.....	21	293	5.2%
No, No: No credit.....	22	44	0.8%
No, Missing: No credit.....	29	3	0.1%
N/A, N/A: Not administered.....	77	3870	69.0%
Missing, Missing: No credit.....	99	46	0.8%
TOTALS:		5611	100.0%

S456Q02

Student Rec. 1/1
Pos. 1800-1800
Format: N1

Deleted science item - The Cheetah (Q02)

USA_STUD06_PUD_CODEBOOK.txt

No credit - incorrect answer 1.....	1	236	4.2%
No credit - incorrect answer 2.....	2	927	16.5%
Full credit.....	3	469	8.4%
No credit - incorrect answer 4.....	4	65	1.2%
Not administered.....	7	3870	69.0%
Invalid.....	8	2	0.0%
Missing.....	9	42	0.7%
TOTALS:		5611	100.0%

 VER_STU

Student Rec. 1/1
 Pos. 1801-1812
 Format: A12

Version student database and date of release

	CODES	FREQ	PER- CENT
{Alpha}.....	Al pha	5611	100.0%
TOTALS:		5611	100.0%