

LONGITUDINAL SURVEYS
OF AUSTRALIAN YOUTH
TECHNICAL REPORT 92

2015 cohort: wave 1 (2015) – frequency tables



Longitudinal Surveys of Australian Youth (LSAY)

2015 cohort: wave 1 (2015) – frequency tables

National Centre for Vocational Education Research

LONGITUDINAL SURVEYS OF
AUSTRALIAN YOUTH
TECHNICAL PAPER 92

The views and opinions expressed in this document are those of the author/project team and do not necessarily reflect the views of the Australian Government or state and territory governments.

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This document should be attributed as NCVER 2017, *Longitudinal Surveys of Australian Youth (LSAY) 2015 cohort: wave 1 (2015) – frequency tables*, NCVER, Adelaide.

This work has been produced by NCVER through the Longitudinal Surveys of Australian Youth (LSAY) Program, on behalf of the Australian Government and state and territory governments, with funding provided through the Australian Department of Education and Training.

COVER IMAGE: GETTY IMAGES/iStock

Published by NCVER, ABN 87 007 967 311

TD/TNC 130.10

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Identifying variables

State/Territory				
STATE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 ACT	917	6.31	917	6.31
2 NSW	3373	23.21	4290	29.53
3 VIC	2186	15.04	6476	44.57
4 QLD	2940	20.23	9416	64.80
5 SA	1680	11.56	11096	76.37
6 WA	1869	12.86	12965	89.23
7 TAS	1035	7.12	14000	96.35
8 NT	530	3.65	14530	100.00

School sector				
SECTOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Catholic	3277	22.55	3277	22.55
2 Government	8662	59.61	11939	82.17
3 Independent	2591	17.83	14530	100.00

Location of school - postcode				
SCHPCODE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
4 digit postcode	14530	100.00	14530	100.00

Geographic location of school (major categories)				
GEOLOC_3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Metropolitan	9947	68.46	9947	68.46
2 Provincial	4065	27.98	14012	96.43
3 Remote	518	3.57	14530	100.00

Section 1: You, your family and your home

Student International Grade (Derived)				
ST001D01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
7 Grade 7	2	0.01	2	0.01
8 Grade 8	18	0.12	20	0.14
9 Grade 9	1605	11.05	1625	11.18
10 Grade 10	10844	74.63	12469	85.82
11 Grade 11	2055	14.14	14524	99.96
12 Grade 12	6	0.04	14530	100.00

Which one of the following study programmes are you in?					
	ST002C01TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		612	4.21	612	4.21
1 Year 10 or below, in a general academic program.		10177	70.04	10789	74.25
2 Year 10 or below, in a general academic program with some VET (vocational) subjects.		1664	11.45	12453	85.71
3 Year 11 or 12, in a general academic program.		1327	9.13	13780	94.84
4 Year 11 or 12, in a general academic program with some VET (vocational) subjects.		557	3.83	14337	98.67
5 Year 11 or 12, in a VET (vocational) course.		193	1.33	14530	100.00

Student (Standardized) Birth - Day				
ST003D01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	393	2.70	393	2.70
1	517	3.56	910	6.26
2	467	3.21	1377	9.48
3	477	3.28	1854	12.76
4	493	3.39	2347	16.15
5	473	3.26	2820	19.41
6	449	3.09	3269	22.50
7	472	3.25	3741	25.75
8	487	3.35	4228	29.10
9	449	3.09	4677	32.19
10	470	3.23	5147	35.42
11	471	3.24	5618	38.66
12	445	3.06	6063	41.73
13	449	3.09	6512	44.82
14	473	3.26	6985	48.07
15	454	3.12	7439	51.20
16	491	3.38	7930	54.58
17	480	3.30	8410	57.88
18	461	3.17	8871	61.05
19	439	3.02	9310	64.07
20	512	3.52	9822	67.60
21	467	3.21	10289	70.81
22	495	3.41	10784	74.22
23	427	2.94	11211	77.16
24	441	3.04	11652	80.19
25	453	3.12	12105	83.31
26	424	2.92	12529	86.23
27	469	3.23	12998	89.46
28	454	3.12	13452	92.58
29	439	3.02	13891	95.60
30	389	2.68	14280	98.28
31	250	1.72	14530	100.00

Student (Standardized) Birth - Month				
ST003D02T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 January	1206	8.30	1206	8.30
2 February	1210	8.33	2416	16.63
3 March	1275	8.77	3691	25.40
4 April	1182	8.13	4873	33.54
5 May	1171	8.06	6044	41.60
6 June	1196	8.23	7240	49.83
7 July	1162	8.00	8402	57.83
8 August	1241	8.54	9643	66.37
9 September	1290	8.88	10933	75.24
10 October	1250	8.60	12183	83.85
11 November	1164	8.01	13347	91.86
12 December	1183	8.14	14530	100.00

Student (Standardized) Birth -Year				
ST003D03T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1999	9657	66.46	9657	66.46
2000	4873	33.54	14530	100.00

Are you female or male?				
ST004Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	343	2.36	343	2.36
1 Female	6992	48.12	7335	50.48
2 Male	7195	49.52	14530	100.00

Student (Standardized) Gender				
ST004D01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Female	7163	49.30	7163	49.30
2 Male	7367	50.70	14530	100.00

Indigenous status				
INDIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Non-Indigenous	11723	80.68	11723	80.68
1 Indigenous	2807	19.32	14530	100.00

What is the <highest level of schooling> completed by your mother?					
ST005Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	968	6.66	968	6.66	
1 <ISCED level 3A>	8783	60.45	9751	67.11	
2 <ISCED level 3B, 3C>	1345	9.26	11096	76.37	
3 <ISCED level 2>	2656	18.28	13752	94.65	
4 <ISCED level 1>	660	4.54	14412	99.19	
5 She did not complete <ISCED level 1>	118	0.81	14530	100.00	

What is the highest level of schooling completed by your mother?					
ST005C01TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	968	6.66	968	6.66	
1 She completed Year 12	8783	60.45	9751	67.11	
2 She completed Year 10 or 11 and then did a TAFE Training Certificate III (e.g. in Hairdressing or Accounts Administra	1345	9.26	11096	76.37	
3 She completed Year 10	2656	18.28	13752	94.65	
4 She completed some secondary school, but not more than Year 9	549	3.78	14301	98.42	
5 She completed primary school only	111	0.76	14412	99.19	
6 She did not complete primary school	118	0.81	14530	100.00	

Does your mother have this qualification? <ISCED level 6>					
ST006Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3677	25.31	3677	25.31	
1 Yes	679	4.67	4356	29.98	
2 No	10174	70.02	14530	100.00	

Does your mother have this qualification? <ISCED level 5A>					
ST006Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2513	17.30	2513	17.30	
1 Yes	4598	31.64	7111	48.94	
2 No	7419	51.06	14530	100.00	

Does your mother have this qualification? <ISCED level 5B>				
ST006Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3293	22.66	3293	22.66
1 Yes	2506	17.25	5799	39.91
2 No	8731	60.09	14530	100.00

Does your mother have this qualification? <ISCED level 4>				
ST006Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3450	23.74	3450	23.74
1 Yes	2272	15.64	5722	39.38
2 No	8808	60.62	14530	100.00

What is the <highest level of schooling> completed by your father?					
	ST007Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1374	9.46	1374	9.46
1 <ISCED level 3A>		7513	51.71	8887	61.16
2 <ISCED level 3B, 3C>		1352	9.30	10239	70.47
3 <ISCED level 2>		3201	22.03	13440	92.50
4 <ISCED level 1>		980	6.74	14420	99.24
5 He did not complete <ISCED level 1>		110	0.76	14530	100.00

What is the highest level of schooling completed by your father?					
	ST007C01TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1374	9.46	1374	9.46
1 He completed Year 12		7513	51.71	8887	61.16
2 He completed Year 10 or 11 and then did a TAFE Training Certificate III (e.g. in Hairdressing or Accounts Administrat		1352	9.30	10239	70.47
3 He completed Year 10		3201	22.03	13440	92.50
4 He completed some secondary, but not more than Year 9		826	5.68	14266	98.18
5 He completed primary school only		154	1.06	14420	99.24
6 He did not complete primary school		110	0.76	14530	100.00

Does your father have this qualification? <ISCED level 6>				
ST008Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	4077	28.06	4077	28.06
1 Yes	636	4.38	4713	32.44
2 No	9817	67.56	14530	100.00

Does your father have this qualification? <ISCED level 5A>				
ST008Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3129	21.53	3129	21.53
1 Yes	3978	27.38	7107	48.91
2 No	7423	51.09	14530	100.00

Does your father have this qualification? <ISCED level 5B>				
ST008Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3828	26.35	3828	26.35
1 Yes	1695	11.67	5523	38.01
2 No	9007	61.99	14530	100.00

Does your father have this qualification? <ISCED level 4>				
ST008Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3448	23.73	3448	23.73
1 Yes	3358	23.11	6806	46.84
2 No	7724	53.16	14530	100.00

In your home: A desk to study at				
ST011Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	559	3.85	559	3.85
1 Yes	12213	84.05	12772	87.90
2 No	1758	12.10	14530	100.00

In your home: A room of your own				
ST011Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	498	3.43	498	3.43
1 Yes	12932	89.00	13430	92.43
2 No	1100	7.57	14530	100.00

In your home: A quiet place to study				
ST011Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	579	3.98	579	3.98
1 Yes	12029	82.79	12608	86.77
2 No	1922	13.23	14530	100.00

In your home: A computer you can use for school work				
ST011Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	533	3.67	533	3.67
1 Yes	13019	89.60	13552	93.27
2 No	978	6.73	14530	100.00

In your home: Educational software				
ST011Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	727	5.00	727	5.00
1 Yes	10643	73.25	11370	78.25
2 No	3160	21.75	14530	100.00

In your home: A link to the Internet				
ST011Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	550	3.79	550	3.79
1 Yes	13278	91.38	13828	95.17
2 No	702	4.83	14530	100.00

In your home: Classic literature (e.g. <Shakespeare>)				
ST011Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	836	5.75	836	5.75
1 Yes	5263	36.22	6099	41.98
2 No	8431	58.02	14530	100.00

In your home: Books of poetry				
ST011Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	849	5.84	849	5.84
1 Yes	4610	31.73	5459	37.57
2 No	9071	62.43	14530	100.00

In your home: Works of art (e.g. paintings)				
ST011Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	691	4.76	691	4.76
1 Yes	10104	69.54	10795	74.29
2 No	3735	25.71	14530	100.00

In your home: Books to help with your school work				
ST011Q10TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	702	4.83	702	4.83
1 Yes	10561	72.68	11263	77.52
2 No	3267	22.48	14530	100.00

In your home: <Technical reference books>				
ST011Q11TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	916	6.30	916	6.30
1 Yes	6634	45.66	7550	51.96
2 No	6980	48.04	14530	100.00

In your home: A dictionary				
ST011Q12TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	628	4.32	628	4.32
1 Yes	12655	87.10	13283	91.42
2 No	1247	8.58	14530	100.00

In your home: Books on art, music, or design				
ST011Q16NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	734	5.05	734	5.05
1 Yes	8862	60.99	9596	66.04
2 No	4934	33.96	14530	100.00

In your home: Solar panels (on roof) <Country-specific wealth item 1>				
ST011C17TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	917	6.31	917	6.31
1 Yes	4244	29.21	5161	35.52
2 No	9369	64.48	14530	100.00

In your home: A home gym and or gym membership <Country-specific wealth item 2>				
ST011C18TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	744	5.12	744	5.12
1 Yes	6625	45.60	7369	50.72
2 No	7161	49.28	14530	100.00

In your home: Espresso machine <Country-specific wealth item 3>				
ST011C19TA_AUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	776	5.34	776	5.34
1 Yes	6625	45.60	7401	50.94
2 No	7129	49.06	14530	100.00

How many in your home: Televisions				
ST012Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	562	3.87	562	3.87
1 None	78	0.54	640	4.40
2 One	1561	10.74	2201	15.15
3 Two	3937	27.10	6138	42.24
4 Three or more	8392	57.76	14530	100.00

How many in your home: Cars				
ST012Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	760	5.23	760	5.23
1 None	206	1.42	966	6.65
2 One	2259	15.55	3225	22.20
3 Two	6069	41.77	9294	63.96
4 Three or more	5236	36.04	14530	100.00

How many in your home: Rooms with a bath or shower				
ST012Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	664	4.57	664	4.57
1 None	561	3.86	1225	8.43
2 One	4542	31.26	5767	39.69
3 Two	6767	46.57	12534	86.26
4 Three or more	1996	13.74	14530	100.00

How many in your home: <Cell phones> with Internet access (e.g. smartphones)				
ST012Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	563	3.87	563	3.87
1 None	151	1.04	714	4.91
2 One	543	3.74	1257	8.65
3 Two	1212	8.34	2469	16.99
4 Three or more	12061	83.01	14530	100.00

How many in your home: Computers (desktop computer, portable laptop, or notebook)				
ST012Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	523	3.60	523	3.60
1 None	337	2.32	860	5.92
2 One	1673	11.51	2533	17.43
3 Two	3234	22.26	5767	39.69
4 Three or more	8763	60.31	14530	100.00

How many in your home: <Tablet computers> (e.g. <iPad®>, <BlackBerry® PlayBook™>)				
ST012Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	562	3.87	562	3.87
1 None	1830	12.59	2392	16.46
2 One	3616	24.89	6008	41.35
3 Two	3550	24.43	9558	65.78
4 Three or more	4972	34.22	14530	100.00

How many in your home: E-book readers (e.g. <Kindle™>, <Kobo>, <Bookeen>)				
ST012Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	666	4.58	666	4.58
1 None	10096	69.48	10762	74.07
2 One	2606	17.94	13368	92.00
3 Two	781	5.38	14149	97.38
4 Three or more	381	2.62	14530	100.00

How many in your home: Musical instruments (e.g. guitar, piano)				
ST012Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	520	3.58	520	3.58
1 None	3239	22.29	3759	25.87
2 One	3167	21.80	6926	47.67
3 Two	2918	20.08	9844	67.75
4 Three or more	4686	32.25	14530	100.00

How many books are there in your home?				
ST013Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	549	3.78	549	3.78
1 0-10 books	1791	12.33	2340	16.10
2 11-25 books	1887	12.99	4227	29.09
3 26-100 books	4114	28.31	8341	57.41
4 101-200 books	2718	18.71	11059	76.11
5 201-500 books	2255	15.52	13314	91.63
6 More than 500 books	1216	8.37	14530	100.00

Mother coded ISCO08 occupation (from ST014Q01TA)				
ISCO08_M	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	341	2.35	341	2.35
0001 - 9996 4 digit ISCO code	12840	88.37	13181	90.72
9997 Not Applicable	40	0.28	13221	90.99
9998 Invalid	62	0.43	13283	91.42
9999 No Response	1247	8.58	14530	100.00

Father coded ISCO08 occupation (from ST015Q01TA)				
ISCO08_F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	341	2.35	341	2.35
0001 - 9996 4 digit ISCO code	12589	86.64	12930	88.99
9997 Not Applicable	110	0.76	13040	89.75
9998 Invalid	44	0.30	13084	90.05
9999 No Response	1446	9.95	14530	100.00

ISCO-08 Occupation code - Mother				
OCOD1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0000-9703 4 digit ISCO code	12625	86.89	12625	86.89
9704 Do not know	106	0.73	12731	87.62
9705 Vague (a good job, a quiet life, a well paid job, an office job)	63	0.43	12794	88.05
9997 Not applicable	427	2.94	13221	90.99
9998 Invalid	62	0.43	13283	91.42
9999 No response	1247	8.58	14530	100.00

ISCO-08 Occupation code - Father				
OCOD2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0000-9703 4 digit ISCO code	12088	83.19	12088	83.19
9704 Do not know	257	1.77	12345	84.96
9705 Vague (a good job, a quiet life, a well paid job, an office job)	55	0.38	12400	85.34
9997 Not applicable	640	4.40	13040	89.75
9998 Invalid	44	0.30	13084	90.05
9999 No response	1446	9.95	14530	100.00

<this academic year>: My parents are interested in my school activities.				
ST123Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	534	3.68	534	3.68
1 Strongly disagree	295	2.03	829	5.71
2 Disagree	620	4.27	1449	9.97
3 Agree	6150	42.33	7599	52.30
4 Strongly agree	6931	47.70	14530	100.00

<this academic year>: My parents support my educational efforts and achievements.				
ST123Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	566	3.90	566	3.90
1 Strongly disagree	209	1.44	775	5.33
2 Disagree	342	2.35	1117	7.69
3 Agree	4624	31.82	5741	39.51
4 Strongly agree	8789	60.49	14530	100.00

<this academic year>: My parents support me when I am facing difficulties at school.				
ST123Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	581	4.00	581	4.00
1 Strongly disagree	327	2.25	908	6.25
2 Disagree	962	6.62	1870	12.87
3 Agree	5681	39.10	7551	51.97
4 Strongly agree	6979	48.03	14530	100.00

<this academic year>: My parents encourage me to be confident.				
ST123Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	581	4.00	581	4.00
1 Strongly disagree	274	1.89	855	5.88
2 Disagree	649	4.47	1504	10.35
3 Agree	5180	35.65	6684	46.00
4 Strongly agree	7846	54.00	14530	100.00

Country of Birth International - Self				
ST019AQ01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	702	4.83	702	4.83
1 Country of test	12145	83.59	12847	88.42
2 Other country	1683	11.58	14530	100.00

Country of Birth International - Mother				
ST019BQ01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	535	3.68	535	3.68
1 Country of test	10035	69.06	10570	72.75
2 Other country	3960	27.25	14530	100.00

Country of Birth International - Father				
ST019CQ01T	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	659	4.54	659	4.54
1 Country of test	9694	66.72	10353	71.25
2 Other country	4177	28.75	14530	100.00

How old were you when you arrived in <country of test>?				
ST021Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11595	79.80	11595	79.80
1 age 0 - 1	1269	8.73	12864	88.53
2 age 1	64	0.44	12928	88.97
3 age 2	93	0.64	13021	89.61
4 age 3	103	0.71	13124	90.32
5 age 4	106	0.73	13230	91.05
6 age 5	129	0.89	13359	91.94
7 age 6	111	0.76	13470	92.70
8 age 7	132	0.91	13602	93.61
9 age 8	123	0.85	13725	94.46
10 age 9	110	0.76	13835	95.22
11 age 10	92	0.63	13927	95.85
12 age 11	130	0.89	14057	96.74
13 age 12	125	0.86	14182	97.60
14 age 13	106	0.73	14288	98.33
15 age 14	104	0.72	14392	99.05
16 age 15	105	0.72	14497	99.77
17 age 16	33	0.23	14530	100.00

How old were you when you started <ISCED 0>? Years					
	ST125Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		554	3.81	554	3.81
1 1 year or younger		500	3.44	1054	7.25
2 2 years		930	6.40	1984	13.65
3 3 years		3078	21.18	5062	34.84
4 4 years		4235	29.15	9297	63.98
5 5 years		2425	16.69	11722	80.67
6 6 years or older		275	1.89	11997	82.57
7 I did not attend <ISCED 0>		259	1.78	12256	84.35
8 I do not remember		2274	15.65	14530	100.00

How old were you when you started <ISCED 1>? Years				
ST126Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	676	4.65	676	4.65
1 3 or younger	289	1.99	965	6.64
2 4	1656	11.40	2621	18.04
3 5	6958	47.89	9579	65.93
4 6	3913	26.93	13492	92.86
5 7	695	4.78	14187	97.64
6 8	207	1.42	14394	99.06
7 9 or older	136	0.94	14530	100.00

Have you ever repeated a <grade>? At <ISCED 1>				
ST127Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	588	4.05	588	4.05
1 No, never	12956	89.17	13544	93.21
2 Yes, once	941	6.48	14485	99.69
3 Yes, twice or more	45	0.31	14530	100.00

Have you ever repeated a <grade>? At <ISCED 2>				
ST127Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1115	7.67	1115	7.67
1 No, never	13228	91.04	14343	98.71
2 Yes, once	157	1.08	14500	99.79
3 Yes, twice or more	30	0.21	14530	100.00

Have you ever repeated a <grade>? At <ISCED 3>				
ST127Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1873	12.89	1873	12.89
1 No, never	12648	87.05	14521	99.94
2 Yes, once	5	0.03	14526	99.97
3 Yes, twice or more	4	0.03	14530	100.00

Section 2: How you think about your life

Overall, how satisfied are you with your life as a whole these days?				
ST016Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	14530	100.00	14530	100.00

Which of the following do you expect to complete?				
ST111Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	608	4.18	608	4.18
1 <ISCED level 2>	459	3.16	1067	7.34
2 <ISCED level 3B or C>	736	5.07	1803	12.41
3 <ISCED level 3A>	4638	31.92	6441	44.33
4 <ISCED level 4>	714	4.91	7155	49.24
5 <ISCED level 5B>	452	3.11	7607	52.35
6 <ISCED level 5A or 6>	6923	47.65	14530	100.00

Student coded ISCO08 occupation (from ST114Q01TA)				
ISCO08_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	341	2.35	341	2.35
0001 - 9996 4 digit ISCO code	12842	88.38	13183	90.73
9997 Not Applicable	16	0.11	13199	90.84
9998 Invalid	334	2.30	13533	93.14
9999 No Response	997	6.86	14530	100.00

ISCO-08 Occupation code - Self				
OCOD3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0000-9703 4 digit ISCO code	12044	82.89	12044	82.89
9704 Do not know	757	5.21	12801	88.10
9705 Vague (a good job, a quiet life, a well paid job, an office job)	25	0.17	12826	88.27
9997 Not applicable	373	2.57	13199	90.84
9998 Invalid	334	2.30	13533	93.14
9999 No response	997	6.86	14530	100.00

To what extent do you disagree or agree about yourself? I often worry that it will be difficult for me taking a test.				
ST118Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	618	4.25	618	4.25
1 Strongly disagree	1013	6.97	1631	11.23
2 Disagree	4180	28.77	5811	39.99
3 Agree	6602	45.44	12413	85.43
4 Strongly agree	2117	14.57	14530	100.00

To what extent do you disagree or agree about yourself? I worry that I will get poor <grades> at school.				
ST118Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	650	4.47	650	4.47
1 Strongly disagree	922	6.35	1572	10.82
2 Disagree	3902	26.85	5474	37.67
3 Agree	6272	43.17	11746	80.84
4 Strongly agree	2784	19.16	14530	100.00

To what extent do you disagree or agree about yourself? Even if I am well-prepared for a test I feel very anxious.				
ST118Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	670	4.61	670	4.61
1 Strongly disagree	966	6.65	1636	11.26
2 Disagree	3498	24.07	5134	35.33
3 Agree	6342	43.65	11476	78.98
4 Strongly agree	3054	21.02	14530	100.00

I get very tense when I study for a test.				
ST118Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	706	4.86	706	4.86
1 Strongly disagree	1621	11.16	2327	16.02
2 Disagree	5646	38.86	7973	54.87
3 Agree	4748	32.68	12721	87.55
4 Strongly agree	1809	12.45	14530	100.00

I get nervous when I don't know how to solve a task at school.				
ST118Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	663	4.56	663	4.56
1 Strongly disagree	1117	7.69	1780	12.25
2 Disagree	4354	29.97	6134	42.22
3 Agree	5825	40.09	11959	82.31
4 Strongly agree	2571	17.69	14530	100.00

I want top grades in most or all of my courses.				
ST119Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	646	4.45	646	4.45
1 Strongly disagree	226	1.56	872	6.00
2 Disagree	1332	9.17	2204	15.17
3 Agree	6468	44.51	8672	59.68
4 Strongly agree	5858	40.32	14530	100.00

I want to be able to select from among the best opportunities available when I graduate.				
ST119Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	710	4.89	710	4.89
1 Strongly disagree	133	0.92	843	5.80
2 Disagree	504	3.47	1347	9.27
3 Agree	5828	40.11	7175	49.38
4 Strongly agree	7355	50.62	14530	100.00

I want to be the best, whatever I do.				
ST119Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	719	4.95	719	4.95
1 Strongly disagree	184	1.27	903	6.21
2 Disagree	1712	11.78	2615	18.00
3 Agree	5903	40.63	8518	58.62
4 Strongly agree	6012	41.38	14530	100.00

I see myself as an ambitious person.				
ST119Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	884	6.08	884	6.08
1 Strongly disagree	276	1.90	1160	7.98
2 Disagree	2440	16.79	3600	24.78
3 Agree	7338	50.50	10938	75.28
4 Strongly agree	3592	24.72	14530	100.00

I want to be one of the best students in my class.				
ST119Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	717	4.93	717	4.93
1 Strongly disagree	480	3.30	1197	8.24
2 Disagree	3312	22.79	4509	31.03
3 Agree	6194	42.63	10703	73.66
4 Strongly agree	3827	26.34	14530	100.00

<NAME 1> is motivated? Gives up easily when confronted with a problem and is often not prepared				
ST121Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	816	5.62	816	5.62
1 Strongly disagree	8988	61.86	9804	67.47
2 Disagree	3746	25.78	13550	93.26
3 Agree	832	5.73	14382	98.98
4 Strongly agree	148	1.02	14530	100.00

<NAME 2> is motivated? Mostly remains interested in the tasks she starts and sometimes does more than expected				
ST121Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	840	5.78	840	5.78
1 Strongly disagree	189	1.30	1029	7.08
2 Disagree	1453	10.00	2482	17.08
3 Agree	8937	61.51	11419	78.59
4 Strongly agree	3111	21.41	14530	100.00

<NAME 3> is motivated? Wants to get top grades at school and continues working on tasks until perfect.				
ST121Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	855	5.88	855	5.88
1 Strongly disagree	168	1.16	1023	7.04
2 Disagree	482	3.32	1505	10.36
3 Agree	2193	15.09	3698	25.45
4 Strongly agree	10832	74.55	14530	100.00

Section 3: Your school

To what extent do you disagree or agree about yourself? I prefer working as part of a team to working alone.				
ST082Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	708	4.87	708	4.87
1 Strongly disagree	984	6.77	1692	11.64
2 Disagree	3601	24.78	5293	36.43
3 Agree	6988	48.09	12281	84.52
4 Strongly agree	2249	15.48	14530	100.00

To what extent do you disagree or agree about yourself? I am a good listener.				
ST082Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	725	4.99	725	4.99
1 Strongly disagree	172	1.18	897	6.17
2 Disagree	1705	11.73	2602	17.91
3 Agree	9157	63.02	11759	80.93
4 Strongly agree	2771	19.07	14530	100.00

To what extent do you disagree or agree about yourself? I enjoy seeing my classmates be successful.				
ST082Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	719	4.95	719	4.95
1 Strongly disagree	227	1.56	946	6.51
2 Disagree	964	6.63	1910	13.15
3 Agree	9358	64.40	11268	77.55
4 Strongly agree	3262	22.45	14530	100.00

To what extent do you disagree or agree about yourself? I take into account what others are interested in.				
ST082Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	759	5.22	759	5.22
1 Strongly disagree	164	1.13	923	6.35
2 Disagree	1197	8.24	2120	14.59
3 Agree	9748	67.09	11868	81.68
4 Strongly agree	2662	18.32	14530	100.00

To what extent do you disagree or agree about yourself? I find that teams make better decisions than individuals.				
ST082Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	764	5.26	764	5.26
1 Strongly disagree	496	3.41	1260	8.67
2 Disagree	3071	21.14	4331	29.81
3 Agree	7352	50.60	11683	80.41
4 Strongly agree	2847	19.59	14530	100.00

To what extent do you disagree or agree about yourself? I enjoy considering different perspectives.				
ST082Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	814	5.60	814	5.60
1 Strongly disagree	160	1.10	974	6.70
2 Disagree	1172	8.07	2146	14.77
3 Agree	9401	64.70	11547	79.47
4 Strongly agree	2983	20.53	14530	100.00

To what extent do you disagree or agree about yourself? I find that teamwork raises my own efficiency.				
ST082Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	820	5.64	820	5.64
1 Strongly disagree	684	4.71	1504	10.35
2 Disagree	3037	20.90	4541	31.25
3 Agree	7399	50.92	11940	82.17
4 Strongly agree	2590	17.83	14530	100.00

To what extent do you disagree or agree about yourself? I enjoy cooperating with peers.				
ST082Q14NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	815	5.61	815	5.61
1 Strongly disagree	367	2.53	1182	8.13
2 Disagree	1237	8.51	2419	16.65
3 Agree	8437	58.07	10856	74.71
4 Strongly agree	3674	25.29	14530	100.00

I feel like an outsider (or left out of things) at school.				
ST034Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	764	5.26	764	5.26
1 Strongly agree	875	6.02	1639	11.28
2 Agree	2470	17.00	4109	28.28
3 Disagree	6649	45.76	10758	74.04
4 Strongly disagree	3772	25.96	14530	100.00

I make friends easily at school.				
ST034Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	769	5.29	769	5.29
1 Strongly agree	2697	18.56	3466	23.85
2 Agree	8106	55.79	11572	79.64
3 Disagree	2344	16.13	13916	95.77
4 Strongly disagree	614	4.23	14530	100.00

I feel like I belong at school.				
ST034Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	825	5.68	825	5.68
1 Strongly agree	2047	14.09	2872	19.77
2 Agree	7612	52.39	10484	72.15
3 Disagree	3026	20.83	13510	92.98
4 Strongly disagree	1020	7.02	14530	100.00

I feel awkward and out of place in my school.				
ST034Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	828	5.70	828	5.70
1 Strongly agree	765	5.26	1593	10.96
2 Agree	2304	15.86	3897	26.82
3 Disagree	6936	47.74	10833	74.56
4 Strongly disagree	3697	25.44	14530	100.00

Other students seem to like me.				
ST034Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	874	6.02	874	6.02
1 Strongly agree	1911	13.15	2785	19.17
2 Agree	9923	68.29	12708	87.46
3 Disagree	1392	9.58	14100	97.04
4 Strongly disagree	430	2.96	14530	100.00

I feel lonely at school.				
ST034Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	824	5.67	824	5.67
1 Strongly agree	721	4.96	1545	10.63
2 Agree	1624	11.18	3169	21.81
3 Disagree	6261	43.09	9430	64.90
4 Strongly disagree	5100	35.10	14530	100.00

Teachers called on me less often than they called on other students.				
ST039Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	987	6.79	987	6.79
1 Never or almost never	4570	31.45	5557	38.25
2 A few times a year	4168	28.69	9725	66.93
3 A few times a month	2818	19.39	12543	86.32
4 Once a week or more	1987	13.68	14530	100.00

Teachers graded me harder than they graded other students.				
ST039Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	996	6.85	996	6.85
1 Never or almost never	7646	52.62	8642	59.48
2 A few times a year	3661	25.20	12303	84.67
3 A few times a month	1564	10.76	13867	95.44
4 Once a week or more	663	4.56	14530	100.00

Teachers gave me the impression that they think I am less smart than I really am.				
ST039Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	956	6.58	956	6.58
1 Never or almost never	6795	46.77	7751	53.34
2 A few times a year	3528	24.28	11279	77.63
3 A few times a month	1944	13.38	13223	91.00
4 Once a week or more	1307	9.00	14530	100.00

Teachers disciplined me more harshly than other students.				
ST039Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	976	6.72	976	6.72
1 Never or almost never	8464	58.25	9440	64.97
2 A few times a year	2679	18.44	12119	83.41
3 A few times a month	1363	9.38	13482	92.79
4 Once a week or more	1048	7.21	14530	100.00

Teachers ridiculed me in front of others.				
ST039Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1007	6.93	1007	6.93
1 Never or almost never	8453	58.18	9460	65.11
2 A few times a year	2961	20.38	12421	85.49
3 A few times a month	1279	8.80	13700	94.29
4 Once a week or more	830	5.71	14530	100.00

Teachers said something insulting to me in front of others.					
ST039Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1003	6.90	1003	6.90	
1 Never or almost never	8947	61.58	9950	68.48	
2 A few times a year	2857	19.66	12807	88.14	
3 A few times a month	986	6.79	13793	94.93	
4 Once a week or more	737	5.07	14530	100.00	

I got called names by other students.					
ST038Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	822	5.66	822	5.66	
1 Never or almost never	7104	48.89	7926	54.55	
2 A few times a year	3508	24.14	11434	78.69	
3 A few times a month	1500	10.32	12934	89.02	
4 Once a week or more	1596	10.98	14530	100.00	

I got picked on by other students.					
ST038Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	849	5.84	849	5.84	
1 Never or almost never	8724	60.04	9573	65.88	
2 A few times a year	2931	20.17	12504	86.06	
3 A few times a month	1137	7.83	13641	93.88	
4 Once a week or more	889	6.12	14530	100.00	

Other students left me out of things on purpose.					
ST038Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	864	5.95	864	5.95	
1 Never or almost never	8747	60.20	9611	66.15	
2 A few times a year	3056	21.03	12667	87.18	
3 A few times a month	1155	7.95	13822	95.13	
4 Once a week or more	708	4.87	14530	100.00	

Other students made fun of me.				
ST038Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	869	5.98	869	5.98
1 Never or almost never	8291	57.06	9160	63.04
2 A few times a year	3178	21.87	12338	84.91
3 A few times a month	1218	8.38	13556	93.30
4 Once a week or more	974	6.70	14530	100.00

I was threatened by other students.				
ST038Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	892	6.14	892	6.14
1 Never or almost never	10651	73.30	11543	79.44
2 A few times a year	1908	13.13	13451	92.57
3 A few times a month	603	4.15	14054	96.72
4 Once a week or more	476	3.28	14530	100.00

Other students took away or destroyed things that belonged to me.				
ST038Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	888	6.11	888	6.11
1 Never or almost never	11066	76.16	11954	82.27
2 A few times a year	1713	11.79	13667	94.06
3 A few times a month	483	3.32	14150	97.38
4 Once a week or more	380	2.62	14530	100.00

I got hit or pushed around by other students.				
ST038Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	909	6.26	909	6.26
1 Never or almost never	11324	77.94	12233	84.19
2 A few times a year	1442	9.92	13675	94.12
3 A few times a month	419	2.88	14094	97.00
4 Once a week or more	436	3.00	14530	100.00

Other students spread nasty rumours about me.				
ST038Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	904	6.22	904	6.22
1 Never or almost never	9371	64.49	10275	70.72
2 A few times a year	2592	17.84	12867	88.55
3 A few times a month	976	6.72	13843	95.27
4 Once a week or more	687	4.73	14530	100.00

Section 4: Your school schedule and learning

Number of <class periods> required per week in <test language>					
ST059Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1087	7.48	1087	7.48	
0-36 class periods per week	13443	92.52	14530	100.00	

Number of <class periods> required per week in <test language>					
N	Mean	Median	Std Dev	Minimum	Maximum
13443	4.27	4.00	1.56	0.00	36.00

Number of <class periods> required per week in mathematics					
ST059Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1092	7.52	1092	7.52	
0-35 class periods per week	13438	92.48	14530	100.00	

Number of <class periods> required per week in mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
13438	4.31	4.00	1.50	0.00	35.00

Number of <class periods> required per week in <science>					
ST059Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1105	7.60	1105	7.60	
0-35 class periods per week	13425	92.40	14530	100.00	

Number of <class periods> required per week in <science>					
N	Mean	Median	Std Dev	Minimum	Maximum
13425	3.80	4.00	2.05	0.00	35.00

In a normal, full week at school, how many <class periods> are you required to attend in total?					
ST060Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	969	6.67	969	6.67	
0-80 class periods per week	13561	93.33	14530	100.00	

In a normal, full week at school, how many <class periods> are you required to attend in total?					
N	Mean	Median	Std Dev	Minimum	Maximum
13561	29.46	30.00	11.72	0.00	80.00

How many minutes, on average, are there in a <class period>?					
ST061Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	938	6.46	938	6.46	
10-120 minutes	13592	93.54	14530	100.00	

How many minutes, on average, are there in a <class period>?					
N	Mean	Median	Std Dev	Minimum	Maximum
13592	56.87	55.00	13.75	10.00	120.00

In the last two full weeks of school, how often: I <skipped> a whole school day					
ST062Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	939	6.46	939	6.46	
1 None	9532	65.60	10471	72.06	
2 One or two times	3056	21.03	13527	93.10	
3 Three or four times	547	3.76	14074	96.86	
4 Five or more times	456	3.14	14530	100.00	

In the last two full weeks of school, how often: I <skipped> some classes				
ST062Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1060	7.30	1060	7.30
1 None	11135	76.63	12195	83.93
2 One or two times	1715	11.80	13910	95.73
3 Three or four times	339	2.33	14249	98.07
4 Five or more times	281	1.93	14530	100.00

In the last two full weeks of school, how often: I arrived late for school				
ST062Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	975	6.71	975	6.71
1 None	7676	52.83	8651	59.54
2 One or two times	3780	26.02	12431	85.55
3 Three or four times	1158	7.97	13589	93.52
4 Five or more times	941	6.48	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? <School Science>				
ST071Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3750	25.81	3750	25.81
0-30 hours per week	10780	74.19	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? <School Science>					
N	Mean	Median	Std Dev	Minimum	Maximum
10780	4.26	3.00	5.15	0.00	30.00

This school year, approximately how many hours per week do you spend learning in addition? Mathematics				
ST071Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2570	17.69	2570	17.69
0-30 hours per week	11960	82.31	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? Mathematics

N	Mean	Median	Std Dev	Minimum	Maximum
11960	4.92	4.00	5.27	0.00	30.00

This school year, approximately how many hours per week do you spend learning in addition? <Test language>

ST071Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2646	18.21	2646	18.21
0-30 hours per week	11884	81.79	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? <Test language>

N	Mean	Median	Std Dev	Minimum	Maximum
11884	4.60	3.00	5.22	0.00	30.00

This school year, approximately how many hours per week do you spend learning in addition? <Foreign language>

ST071Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8825	60.74	8825	60.74
0-30 hours per week	5705	39.26	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? <Foreign language>

N	Mean	Median	Std Dev	Minimum	Maximum
5705	3.06	1.00	5.43	0.00	30.00

This school year, approximately how many hours per week do you spend learning in addition? Other

ST071Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3833	26.38	3833	26.38
0-30 hours per week	10697	73.62	14530	100.00

This school year, approximately how many hours per week do you spend learning in addition? Other					
N	Mean	Median	Std Dev	Minimum	Maximum
10697	6.18	4.00	6.44	0.00	30.00

On avg, how many days do you attend physical education classes each week?					
ST031Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1127	7.76	1127	7.76	
1 0 days	2046	14.08	3173	21.84	
2 1 day	2170	14.93	5343	36.77	
3 2 days	3506	24.13	8849	60.90	
4 3 days	2977	20.49	11826	81.39	
5 4 days	1484	10.21	13310	91.60	
6 5 days	1220	8.40	14530	100.00	

Moderate physical activities for a total of at least 60 minutes per day					
ST032Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1304	8.97	1304	8.97	
1 0 days	1619	11.14	2923	20.12	
2 1 day	1493	10.28	4416	30.39	
3 2 days	1859	12.79	6275	43.19	
4 3 days	1957	13.47	8232	56.66	
5 4 days	1324	9.11	9556	65.77	
6 5 days	1859	12.79	11415	78.56	
7 6 days	692	4.76	12107	83.32	
8 7 days	2423	16.68	14530	100.00	

Vigorous physical activities for at least 20 minutes per day that made you sweat and breathe hard				
ST032Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1318	9.07	1318	9.07
1 0 days	2222	15.29	3540	24.36
2 1 day	1831	12.60	5371	36.96
3 2 days	2202	15.15	7573	52.12
4 3 days	2095	14.42	9668	66.54
5 4 days	1522	10.47	11190	77.01
6 5 days	1302	8.96	12492	85.97
7 6 days	649	4.47	13141	90.44
8 7 days	1389	9.56	14530	100.00

Which <school science> course did you attend? Physics: This year				
ST063Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	7075	48.69	7607	52.35
1 Checked	6923	47.65	14530	100.00

Which <school science> course did you attend? Physics: Last year				
ST063Q01NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	9996	68.80	10528	72.46
1 Checked	4002	27.54	14530	100.00

Which <school science> course did you attend? Chemistry: This year				
ST063Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	6310	43.43	6842	47.09
1 Checked	7688	52.91	14530	100.00

Which <school science> course did you attend? Chemistry: Last year				
ST063Q02NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	9482	65.26	10014	68.92
1 Checked	4516	31.08	14530	100.00

Which <school science> course did you attend? Biology: This year				
ST063Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	6555	45.11	7087	48.77
1 Checked	7443	51.23	14530	100.00

Which <school science> course did you attend? Biology: Last year				
ST063Q03NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	9407	64.74	9939	68.40
1 Checked	4591	31.60	14530	100.00

Which <school science> course did you attend? <Earth and space>: This year				
ST063Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	9783	67.33	10315	70.99
1 Checked	4215	29.01	14530	100.00

Which <school science> course did you attend? <Earth and space>: Last year				
ST063Q04NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	532	3.66	532	3.66
0 Not checked	9050	62.28	9582	65.95
1 Checked	4948	34.05	14530	100.00

Which <school science> course did you attend? Applied sciences and technology: This year					
ST063Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	532	3.66	532	3.66	
0 Not checked	10216	70.31	10748	73.97	
1 Checked	3782	26.03	14530	100.00	

Which <school science> course did you attend? Applied sciences and technology: Last year					
ST063Q05NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	532	3.66	532	3.66	
0 Not checked	9570	65.86	10102	69.53	
1 Checked	4428	30.47	14530	100.00	

Which <school science> course did you attend? <General, integrated, or comprehen science> course: This year					
ST063Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	532	3.66	532	3.66	
0 Not checked	7319	50.37	7851	54.03	
1 Checked	6679	45.97	14530	100.00	

Which <school science> course did you attend? <General, integrated, or comprehen science> course: Last year					
ST063Q06NB	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	532	3.66	532	3.66	
0 Not checked	7329	50.44	7861	54.10	
1 Checked	6669	45.90	14530	100.00	

<school science> courses? I can choose the <school science> course(s) I study.					
ST064Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3057	21.04	3057	21.04	
1 No, not at all	5224	35.95	8281	56.99	
2 Yes, to a certain degree	3523	24.25	11804	81.24	
3 Yes, I can choose freely	2726	18.76	14530	100.00	

<school science> courses? I can choose the level of difficulty.					
ST064Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3153	21.70	3153	21.70	
1 No, not at all	6744	46.41	9897	68.11	
2 Yes, to a certain degree	3750	25.81	13647	93.92	
3 Yes, I can choose freely	883	6.08	14530	100.00	

<school science> courses? I can choose the number of <school science> courses or <class periods>.					
ST064Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3173	21.84	3173	21.84	
1 No, not at all	7816	53.79	10989	75.63	
2 Yes, to a certain degree	2701	18.59	13690	94.22	
3 Yes, I can choose freely	840	5.78	14530	100.00	

How often does this happen in your <school science> lessons? Students don't listen to what the teacher says.					
ST097Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3045	20.96	3045	20.96	
1 Every lesson	1973	13.58	5018	34.54	
2 Most lessons	2720	18.72	7738	53.26	
3 Some lessons	5184	35.68	12922	88.93	
4 Never or hardly ever	1608	11.07	14530	100.00	

How often does this happen in your <school science> lessons? There is noise and disorder.					
ST097Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3101	21.34	3101	21.34	
1 Every lesson	2030	13.97	5131	35.31	
2 Most lessons	3079	21.19	8210	56.50	
3 Some lessons	4940	34.00	13150	90.50	
4 Never or hardly ever	1380	9.50	14530	100.00	

How often does this happen in your <school science> lessons? The teacher waits long for students to quiet down.				
ST097Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3096	21.31	3096	21.31
1 Every lesson	1618	11.14	4714	32.44
2 Most lessons	2461	16.94	7175	49.38
3 Some lessons	4978	34.26	12153	83.64
4 Never or hardly ever	2377	16.36	14530	100.00

How often does this happen in your <school science> lessons? Students cannot work well.				
ST097Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3104	21.36	3104	21.36
1 Every lesson	1117	7.69	4221	29.05
2 Most lessons	1808	12.44	6029	41.49
3 Some lessons	5283	36.36	11312	77.85
4 Never or hardly ever	3218	22.15	14530	100.00

How often does this happen in your <school science> lessons? Students don't start working for a long time after.				
ST097Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3095	21.30	3095	21.30
1 Every lesson	1318	9.07	4413	30.37
2 Most lessons	2059	14.17	6472	44.54
3 Some lessons	4942	34.01	11414	78.55
4 Never or hardly ever	3116	21.45	14530	100.00

When learning <school science>? Students are given opportunities to explain their ideas.				
ST098Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3202	22.04	3202	22.04
1 In all lessons	3777	25.99	6979	48.03
2 In most lessons	4525	31.14	11504	79.17
3 In some lessons	2424	16.68	13928	95.86
4 Never or hardly ever	602	4.14	14530	100.00

When learning <school science>? Students spend time in the laboratory doing practical experiments.					
ST098Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3261	22.44	3261	22.44	
1 In all lessons	546	3.76	3807	26.20	
2 In most lessons	2117	14.57	5924	40.77	
3 In some lessons	7018	48.30	12942	89.07	
4 Never or hardly ever	1588	10.93	14530	100.00	

When learning <school science>? Students are required to argue about science questions.					
ST098Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3320	22.85	3320	22.85	
1 In all lessons	704	4.85	4024	27.69	
2 In most lessons	2012	13.85	6036	41.54	
3 In some lessons	4805	33.07	10841	74.61	
4 Never or hardly ever	3689	25.39	14530	100.00	

When learning <school science>? Students are asked to draw conclusions from an experiment they have conducted.					
ST098Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3324	22.88	3324	22.88	
1 In all lessons	1689	11.62	5013	34.50	
2 In most lessons	4469	30.76	9482	65.26	
3 In some lessons	4337	29.85	13819	95.11	
4 Never or hardly ever	711	4.89	14530	100.00	

When learning <school science>? The teacher explains <school science> idea can be applied					
ST098Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3304	22.74	3304	22.74	
1 In all lessons	3023	20.81	6327	43.54	
2 In most lessons	4737	32.60	11064	76.15	
3 In some lessons	2848	19.60	13912	95.75	
4 Never or hardly ever	618	4.25	14530	100.00	

When learning <school science>? Students are allowed to design their own experiments.				
ST098Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3285	22.61	3285	22.61
1 In all lessons	467	3.21	3752	25.82
2 In most lessons	1136	7.82	4888	33.64
3 In some lessons	3963	27.27	8851	60.92
4 Never or hardly ever	5679	39.08	14530	100.00

When learning <school science>? There is a class debate about investigations.				
ST098Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3393	23.35	3393	23.35
1 In all lessons	625	4.30	4018	27.65
2 In most lessons	1848	12.72	5866	40.37
3 In some lessons	4270	29.39	10136	69.76
4 Never or hardly ever	4394	30.24	14530	100.00

When learning <school science>? The teacher clearly explains relevance <broad science> concepts to our lives.				
ST098Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3348	23.04	3348	23.04
1 In all lessons	2522	17.36	5870	40.40
2 In most lessons	3916	26.95	9786	67.35
3 In some lessons	3541	24.37	13327	91.72
4 Never or hardly ever	1203	8.28	14530	100.00

When learning <school science>? Students are asked to do an investigation to test ideas.				
ST098Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3338	22.97	3338	22.97
1 In all lessons	1104	7.60	4442	30.57
2 In most lessons	3106	21.38	7548	51.95
3 In some lessons	5126	35.28	12674	87.23
4 Never or hardly ever	1856	12.77	14530	100.00

Student coded science class (from ST065Q01NA)					
	ST065CLASS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	4634	31.89	4634	31.89
	1 Physics	1373	9.45	6007	41.34
	2 Chemistry	1760	12.11	7767	53.45
	3 Biology	2053	14.13	9820	67.58
	4 Earth and space	250	1.72	10070	69.30
	5 Applied sciences and technology	232	1.60	10302	70.90
	6 General, integrated, or comprehensive science	3849	26.49	14151	97.39
	7 Could not determine	379	2.61	14530	100.00

How often does this happen in your <school science> lessons? The teacher shows interest every students learning.					
	ST100Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	3295	22.68	3295	22.68
	1 Every lesson	4611	31.73	7906	54.41
	2 Most lessons	3996	27.50	11902	81.91
	3 Some lessons	2090	14.38	13992	96.30
	4 Never or hardly ever	538	3.70	14530	100.00

How often does this happen in your <school science> lessons? The teacher gives extra help.					
	ST100Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	3311	22.79	3311	22.79
	1 Every lesson	5384	37.05	8695	59.84
	2 Most lessons	3602	24.79	12297	84.63
	3 Some lessons	1744	12.00	14041	96.63
	4 Never or hardly ever	489	3.37	14530	100.00

How often does this happen in your <school science> lessons? The teacher helps students with their learning.					
	ST100Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	3347	23.04	3347	23.04
	1 Every lesson	5799	39.91	9146	62.95
	2 Most lessons	3499	24.08	12645	87.03
	3 Some lessons	1539	10.59	14184	97.62
	4 Never or hardly ever	346	2.38	14530	100.00

How often does this happen in your <school science>? The teacher continues teaching\students understand.					
ST100Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3329	22.91	3329	22.91	
1 Every lesson	4910	33.79	8239	56.70	
2 Most lessons	3436	23.65	11675	80.35	
3 Some lessons	2070	14.25	13745	94.60	
4 Never or hardly ever	785	5.40	14530	100.00	

How often does this happen in your <school science>? Teacher gives an oppportunity to express opinions.					
ST100Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3333	22.94	3333	22.94	
1 Every lesson	4242	29.19	7575	52.13	
2 Most lessons	3711	25.54	11286	77.67	
3 Some lessons	2402	16.53	13688	94.21	
4 Never or hardly ever	842	5.79	14530	100.00	

How often does this happen in <school science>? The teacher explains scientific ideas.						
ST103Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent		
.	3386	23.30	3386	23.30		
1 Never or almost never	627	4.32	4013	27.62		
2 Some lessons	2969	20.43	6982	48.05		
3 Many lessons	4004	27.56	10986	75.61		
4 Every lesson or almost every lesson	3544	24.39	14530	100.00		

How often does this happen in <school science>? A whole class discussion takes place with the teacher.						
ST103Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent		
.	3426	23.58	3426	23.58		
1 Never or almost never	1732	11.92	5158	35.50		
2 Some lessons	4354	29.97	9512	65.46		
3 Many lessons	3242	22.31	12754	87.78		
4 Every lesson or almost every lesson	1776	12.22	14530	100.00		

How often does this happen in <school science>? The teacher discusses our questions.					
ST103Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3414	23.50	3414	23.50	
1 Never or almost never	841	5.79	4255	29.28	
2 Some lessons	3137	21.59	7392	50.87	
3 Many lessons	4322	29.75	11714	80.62	
4 Every lesson or almost every lesson	2816	19.38	14530	100.00	

How often does this happen in <school science>? The teacher demonstrates an idea.					
ST103Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3435	23.64	3435	23.64	
1 Never or almost never	775	5.33	4210	28.97	
2 Some lessons	3152	21.69	7362	50.67	
3 Many lessons	4340	29.87	11702	80.54	
4 Every lesson or almost every lesson	2828	19.46	14530	100.00	

How often does this happen in <school science>? The teacher tells me how I am performing in this course.					
ST104Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3445	23.71	3445	23.71	
1 Never or almost never	2484	17.10	5929	40.81	
2 Some lessons	5367	36.94	11296	77.74	
3 Many lessons	2624	18.06	13920	95.80	
4 Every lesson or almost every lesson	610	4.20	14530	100.00	

How often does this happen in <school science>? The teacher gives me feedback on my strengths <school science> subject					
ST104Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3480	23.95	3480	23.95	
1 Never or almost never	2950	20.30	6430	44.25	
2 Some lessons	4743	32.64	11173	76.90	
3 Many lessons	2672	18.39	13845	95.29	
4 Every lesson or almost every lesson	685	4.71	14530	100.00	

How often does this happen in <school science>? The teacher tells me in which areas I can still improve.					
ST104Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3498	24.07	3498	24.07	
1 Never or almost never	2661	18.31	6159	42.39	
2 Some lessons	4677	32.19	10836	74.58	
3 Many lessons	2901	19.97	13737	94.54	
4 Every lesson or almost every lesson	793	5.46	14530	100.00	

How often does this happen in <school science>? The teacher tells me how I can improve my performance.					
ST104Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3530	24.29	3530	24.29	
1 Never or almost never	2700	18.58	6230	42.88	
2 Some lessons	4569	31.45	10799	74.32	
3 Many lessons	2905	19.99	13704	94.32	
4 Every lesson or almost every lesson	826	5.68	14530	100.00	

How often does this happen in <school science>? The teacher advises me on how to reach my learning goals.					
ST104Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3532	24.31	3532	24.31	
1 Never or almost never	3066	21.10	6598	45.41	
2 Some lessons	4349	29.93	10947	75.34	
3 Many lessons	2743	18.88	13690	94.22	
4 Every lesson or almost every lesson	840	5.78	14530	100.00	

How often does this happen in <school science>? The teacher adapts the lesson to my class needs and knowledge.					
ST107Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3528	24.28	3528	24.28	
1 Never or almost never	1496	10.30	5024	34.58	
2 Some lessons	4132	28.44	9156	63.01	
3 Many lessons	3620	24.91	12776	87.93	
4 Every lesson or almost every lesson	1754	12.07	14530	100.00	

How often does this happen in <school science>? The teacher provides individual help when a student has difficulties					
ST107Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3558	24.49	3558	24.49	
1 Never or almost never	948	6.52	4506	31.01	
2 Some lessons	3446	23.72	7952	54.73	
3 Many lessons	4027	27.72	11979	82.44	
4 Every lesson or almost every lesson	2551	17.56	14530	100.00	

How often does this happen in <school science>? The teacher changes the structure of the lesson on a topic					
ST107Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3580	24.64	3580	24.64	
1 Never or almost never	1914	13.17	5494	37.81	
2 Some lessons	4266	29.36	9760	67.17	
3 Many lessons	3352	23.07	13112	90.24	
4 Every lesson or almost every lesson	1418	9.76	14530	100.00	

Section 5: Your view on science

How informed are you about this environmental issue? The increase of greenhouse gases in the atmosphere					
ST092Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1927	13.26	1927	13.26	
1 I have never heard of this	859	5.91	2786	19.17	
2 I have heard about this but I would not be able to explain what it is really about	3388	23.32	6174	42.49	
3 I know something about this and could explain the general issue	5135	35.34	11309	77.83	
4 I am familiar with this and I would be able to explain this well	3221	22.17	14530	100.00	

How informed are you about this environmental issue? The use of genetically modified organisms (<GMO>)					
ST092Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1992	13.71	1992	13.71	
1 I have never heard of this	2041	14.05	4033	27.76	
2 I have heard about this but I would not be able to explain what it is really about	4943	34.02	8976	61.78	
3 I know something about this and could explain the general issue	3746	25.78	12722	87.56	
4 I am familiar with this and I would be able to explain this well	1808	12.44	14530	100.00	

How informed are you about this environmental issue? Nuclear waste					
ST092Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2041	14.05	2041	14.05	
1 I have never heard of this	794	5.46	2835	19.51	
2 I have heard about this but I would not be able to explain what it is really about	5461	37.58	8296	57.10	
3 I know something about this and could explain the general issue	4668	32.13	12964	89.22	
4 I am familiar with this and I would be able to explain this well	1566	10.78	14530	100.00	

How informed are you about this environmental issue? The consequences of clearing forests\other land use					
	ST092Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1985	13.66	1985	13.66
1 I have never heard of this		623	4.29	2608	17.95
2 I have heard about this but I would not be able to explain what it is really about		2253	15.51	4861	33.45
3 I know something about this and could explain the general issue		5154	35.47	10015	68.93
4 I am familiar with this and I would be able to explain this well		4515	31.07	14530	100.00

How informed are you about this environmental issue? Air pollution					
	ST092Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1996	13.74	1996	13.74
1 I have never heard of this		390	2.68	2386	16.42
2 I have heard about this but I would not be able to explain what it is really about		2236	15.39	4622	31.81
3 I know something about this and could explain the general issue		5895	40.57	10517	72.38
4 I am familiar with this and I would be able to explain this well		4013	27.62	14530	100.00

How informed are you about this environmental issue? Extinction of plants and animals					
	ST092Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1999	13.76	1999	13.76
1 I have never heard of this		391	2.69	2390	16.45
2 I have heard about this but I would not be able to explain what it is really about		2162	14.88	4552	31.33
3 I know something about this and could explain the general issue		5635	38.78	10187	70.11
4 I am familiar with this and I would be able to explain this well		4343	29.89	14530	100.00

How informed are you about this environmental issue? Water shortage					
	ST092Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2019	13.90	2019	13.90
1 I have never heard of this		735	5.06	2754	18.95
2 I have heard about this but I would not be able to explain what it is really about		3924	27.01	6678	45.96
3 I know something about this and could explain the general issue		5381	37.03	12059	82.99
4 I am familiar with this and I would be able to explain this well		2471	17.01	14530	100.00

This issue will improve or get worse over next 20 years? Air pollution (student)					
	ST093Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2009	13.83	2009	13.83
1 Improve		1550	10.67	3559	24.49
2 Stay about the same		2277	15.67	5836	40.17
3 Get worse		8694	59.83	14530	100.00

This issue will improve or get worse over next 20 years? Extinction of plants and animals (student)					
	ST093Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2046	14.08	2046	14.08
1 Improve		1444	9.94	3490	24.02
2 Stay about the same		3145	21.64	6635	45.66
3 Get worse		7895	54.34	14530	100.00

This issue will improve or get worse over next 20 years? Clearing of forests for other land use (student)					
	ST093Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2072	14.26	2072	14.26
1 Improve		1352	9.30	3424	23.57
2 Stay about the same		2321	15.97	5745	39.54
3 Get worse		8785	60.46	14530	100.00

This issue will improve or get worse over next 20 years? Water shortages (student)					
ST093Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2083	14.34	2083	14.34	
1 Improve	1729	11.90	3812	26.24	
2 Stay about the same	4331	29.81	8143	56.04	
3 Get worse	6387	43.96	14530	100.00	

This issue will improve or get worse over next 20 years? Nuclear waste (student)					
ST093Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2123	14.61	2123	14.61	
1 Improve	1767	12.16	3890	26.77	
2 Stay about the same	4274	29.42	8164	56.19	
3 Get worse	6366	43.81	14530	100.00	

This issue will improve or get worse over next 20 years? The increase of greenhouse gases in the atmosphere					
ST093Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2157	14.85	2157	14.85	
1 Improve	1605	11.05	3762	25.89	
2 Stay about the same	2725	18.75	6487	44.65	
3 Get worse	8043	55.35	14530	100.00	

This issue will improve or get worse over next 20 years? The use of genetically modified organisms (<GMO>)					
ST093Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2208	15.20	2208	15.20	
1 Improve	2656	18.28	4864	33.48	
2 Stay about the same	4809	33.10	9673	66.57	
3 Get worse	4857	33.43	14530	100.00	

Disagree or agree with the statements? I have fun when I am learning <broad science>				
ST094Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1936	13.32	1936	13.32
1 Strongly disagree	1843	12.68	3779	26.01
2 Disagree	2753	18.95	6532	44.96
3 Agree	6040	41.57	12572	86.52
4 Strongly agree	1958	13.48	14530	100.00

Disagree or agree with the statements? I like reading about <broad science> topics.				
ST094Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1968	13.54	1968	13.54
1 Strongly disagree	2173	14.96	4141	28.50
2 Disagree	4025	27.70	8166	56.20
3 Agree	4729	32.55	12895	88.75
4 Strongly agree	1635	11.25	14530	100.00

Disagree or agree with the statements? I am happy working on <broad science> topics.				
ST094Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2004	13.79	2004	13.79
1 Strongly disagree	1704	11.73	3708	25.52
2 Disagree	2530	17.41	6238	42.93
3 Agree	6389	43.97	12627	86.90
4 Strongly agree	1903	13.10	14530	100.00

Disagree or agree with the statements? I enjoy acquiring new knowledge in <broad science>.				
ST094Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2000	13.76	2000	13.76
1 Strongly disagree	1597	10.99	3597	24.76
2 Disagree	2132	14.67	5729	39.43
3 Agree	6303	43.38	12032	82.81
4 Strongly agree	2498	17.19	14530	100.00

Disagree or agree with the statements? I am interested in learning about <broad sciences>.					
ST094Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1994	13.72	1994	13.72	
1 Strongly disagree	1743	12.00	3737	25.72	
2 Disagree	2520	17.34	6257	43.06	
3 Agree	5708	39.28	11965	82.35	
4 Strongly agree	2565	17.65	14530	100.00	

To what extent are you interested in: Biosphere (e.g. ecosystem services, sustainability)					
ST095Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2140	14.73	2140	14.73	
1 Not interested	3198	22.01	5338	36.74	
2 Hardly interested	3589	24.70	8927	61.44	
3 Interested	3987	27.44	12914	88.88	
4 Highly interested	1268	8.73	14182	97.60	
5 I don't know what this is	348	2.40	14530	100.00	

To what extent are you interested in: Motion and forces (e.g. velocity, friction, magnetic and gravi forces)					
ST095Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2208	15.20	2208	15.20	
1 Not interested	2956	20.34	5164	35.54	
2 Hardly interested	3355	23.09	8519	58.63	
3 Interested	3957	27.23	12476	85.86	
4 Highly interested	1893	13.03	14369	98.89	
5 I don't know what this is	161	1.11	14530	100.00	

To what extent are you interested in: Energy and its transformation (e.g. conservation, chemical reactions)					
ST095Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2238	15.40	2238	15.40	
1 Not interested	2645	18.20	4883	33.61	
2 Hardly interested	2993	20.60	7876	54.21	
3 Interested	4295	29.56	12171	83.76	
4 Highly interested	2173	14.96	14344	98.72	
5 I don't know what this is	186	1.28	14530	100.00	

To what extent are you interested in: <broad science> topics? The Universe and its history				
ST095Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2198	15.13	2198	15.13
1 Not interested	1851	12.74	4049	27.87
2 Hardly interested	1975	13.59	6024	41.46
3 Interested	4266	29.36	10290	70.82
4 Highly interested	3934	27.08	14224	97.89
5 I don't know what this is	306	2.11	14530	100.00

To what extent are you interested in: <broad science> topics? How science can help us prevent disease				
ST095Q15NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2203	15.16	2203	15.16
1 Not interested	1687	11.61	3890	26.77
2 Hardly interested	2010	13.83	5900	40.61
3 Interested	4731	32.56	10631	73.17
4 Highly interested	3610	24.85	14241	98.01
5 I don't know what this is	289	1.99	14530	100.00

Making an effort in my <school science> subject(s) is worth it because this will help me in the work I want to do lat				
ST113Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2256	15.53	2256	15.53
1 Strongly Agree	3183	21.91	5439	37.43
2 Agree	5375	36.99	10814	74.43
3 Disagree	2570	17.69	13384	92.11
4 Strongly Disagree	1146	7.89	14530	100.00

What I learn in my <school science> subject(s) is important for me because I need this for what I want to do later on				
ST113Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2301	15.84	2301	15.84
1 Strongly Agree	2764	19.02	5065	34.86
2 Agree	4751	32.70	9816	67.56
3 Disagree	3375	23.23	13191	90.78
4 Strongly Disagree	1339	9.22	14530	100.00

Studying my <school science> subject(s) is worthwhile for me because what I learn will improve my career prospects.				
ST113Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2318	15.95	2318	15.95
1 Strongly Agree	2927	20.14	5245	36.10
2 Agree	5208	35.84	10453	71.94
3 Disagree	2861	19.69	13314	91.63
4 Strongly Disagree	1216	8.37	14530	100.00

Many things I learn in my <school science> subject(s) will help me to get a job.				
ST113Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2339	16.10	2339	16.10
1 Strongly Agree	2531	17.42	4870	33.52
2 Agree	4983	34.29	9853	67.81
3 Disagree	3331	22.92	13184	90.74
4 Strongly Disagree	1346	9.26	14530	100.00

Recognise the science question that underlies a newspaper report on a health issue.					
	ST129Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2478	17.05	2478	17.05
1 I could do this easily		2451	16.87	4929	33.92
2 I could do this with a bit of effort		6121	42.13	11050	76.05
3 I would struggle to do this on my own		2504	17.23	13554	93.28
4 I couldn't do this		976	6.72	14530	100.00

Explain why earthquakes occur more frequently in some areas than in others.					
	ST129Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		2516	17.32	2516	17.32
1 I could do this easily		4707	32.40	7223	49.71
2 I could do this with a bit of effort		4916	33.83	12139	83.54
3 I would struggle to do this on my own		1733	11.93	13872	95.47
4 I couldn't do this		658	4.53	14530	100.00

Describe the role of antibiotics in the treatment of disease.					
ST129Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2570	17.69	2570	17.69	
1 I could do this easily	2457	16.91	5027	34.60	
2 I could do this with a bit of effort	5064	34.85	10091	69.45	
3 I would struggle to do this on my own	3267	22.48	13358	91.93	
4 I couldn't do this	1172	8.07	14530	100.00	

Identify the science question associated with the disposal of garbage.					
ST129Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2591	17.83	2591	17.83	
1 I could do this easily	1473	10.14	4064	27.97	
2 I could do this with a bit of effort	5210	35.86	9274	63.83	
3 I would struggle to do this on my own	3919	26.97	13193	90.80	
4 I couldn't do this	1337	9.20	14530	100.00	

Predict how changes to an environment will affect the survival of certain species.					
ST129Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2569	17.68	2569	17.68	
1 I could do this easily	3600	24.78	6169	42.46	
2 I could do this with a bit of effort	5384	37.05	11553	79.51	
3 I would struggle to do this on my own	2113	14.54	13666	94.05	
4 I couldn't do this	864	5.95	14530	100.00	

Interpret the scientific information provided on the labelling of food items.					
ST129Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2596	17.87	2596	17.87	
1 I could do this easily	2005	13.80	4601	31.67	
2 I could do this with a bit of effort	5289	36.40	9890	68.07	
3 I would struggle to do this on my own	3441	23.68	13331	91.75	
4 I couldn't do this	1199	8.25	14530	100.00	

Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars.					
ST129Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2586	17.80	2586	17.80	
1 I could do this easily	1945	13.39	4531	31.18	
2 I could do this with a bit of effort	4788	32.95	9319	64.14	
3 I would struggle to do this on my own	3568	24.56	12887	88.69	
4 I couldn't do this	1643	11.31	14530	100.00	

Identify the better of two explanations for the formation of acid rain.					
ST129Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2586	17.80	2586	17.80	
1 I could do this easily	1596	10.98	4182	28.78	
2 I could do this with a bit of effort	4276	29.43	8458	58.21	
3 I would struggle to do this on my own	3906	26.88	12364	85.09	
4 I couldn't do this	2166	14.91	14530	100.00	

A good way to know if something is true is to do an experiment.					
ST131Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2475	17.03	2475	17.03	
1 Strongly disagree	494	3.40	2969	20.43	
2 Disagree	881	6.06	3850	26.50	
3 Agree	7930	54.58	11780	81.07	
4 Strongly agree	2750	18.93	14530	100.00	

How much do you disagree or agree with the statements below? Ideas in <broad science> sometimes change.					
ST131Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2547	17.53	2547	17.53	
1 Strongly disagree	385	2.65	2932	20.18	
2 Disagree	732	5.04	3664	25.22	
3 Agree	7683	52.88	11347	78.09	
4 Strongly agree	3183	21.91	14530	100.00	

Good answers are based on evidence from many different experiments.					
ST131Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2576	17.73	2576	17.73	
1 Strongly disagree	364	2.51	2940	20.23	
2 Disagree	677	4.66	3617	24.89	
3 Agree	6930	47.69	10547	72.59	
4 Strongly agree	3983	27.41	14530	100.00	

It is good to try experiments more than once to make sure of your findings.					
ST131Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2571	17.69	2571	17.69	
1 Strongly disagree	366	2.52	2937	20.21	
2 Disagree	560	3.85	3497	24.07	
3 Agree	6221	42.81	9718	66.88	
4 Strongly agree	4812	33.12	14530	100.00	

Sometimes <broad science> scientists change their minds about what is true					
ST131Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2584	17.78	2584	17.78	
1 Strongly disagree	392	2.70	2976	20.48	
2 Disagree	1189	8.18	4165	28.66	
3 Agree	7604	52.33	11769	81.00	
4 Strongly agree	2761	19.00	14530	100.00	

The ideas in <broad science> science books sometimes change.					
ST131Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2641	18.18	2641	18.18	
1 Strongly disagree	442	3.04	3083	21.22	
2 Disagree	1350	9.29	4433	30.51	
3 Agree	7435	51.17	11868	81.68	
4 Strongly agree	2662	18.32	14530	100.00	

How often do you do these things? Watch TV programmes about <broad science>					
ST146Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2438	16.78	2438	16.78	
1 Very often	677	4.66	3115	21.44	
2 Regularly	1437	9.89	4552	31.33	
3 Sometimes	5220	35.93	9772	67.25	
4 Never or hardly ever	4758	32.75	14530	100.00	

How often do you do these things? Borrow or buy books on <broad science> topics					
ST146Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2514	17.30	2514	17.30	
1 Very often	286	1.97	2800	19.27	
2 Regularly	658	4.53	3458	23.80	
3 Sometimes	2765	19.03	6223	42.83	
4 Never or hardly ever	8307	57.17	14530	100.00	

How often do you do these things? Visit web sites about <broad science> topics					
ST146Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2518	17.33	2518	17.33	
1 Very often	677	4.66	3195	21.99	
2 Regularly	1542	10.61	4737	32.60	
3 Sometimes	4242	29.19	8979	61.80	
4 Never or hardly ever	5551	38.20	14530	100.00	

How often do you do these things? Read <broad science> magazines or science articles in newspapers					
ST146Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2524	17.37	2524	17.37	
1 Very often	344	2.37	2868	19.74	
2 Regularly	810	5.57	3678	25.31	
3 Sometimes	3072	21.14	6750	46.46	
4 Never or hardly ever	7780	53.54	14530	100.00	

How often do you do these things? Attend a <science club>					
ST146Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2532	17.43	2532	17.43	
1 Very often	193	1.33	2725	18.75	
2 Regularly	275	1.89	3000	20.65	
3 Sometimes	951	6.55	3951	27.19	
4 Never or hardly ever	10579	72.81	14530	100.00	

How often do you do these things? Simulate natural phenomena in computer programs\virtual labs					
ST146Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2536	17.45	2536	17.45	
1 Very often	247	1.70	2783	19.15	
2 Regularly	497	3.42	3280	22.57	
3 Sometimes	1742	11.99	5022	34.56	
4 Never or hardly ever	9508	65.44	14530	100.00	

How often do you do these things? Simulate technical processes in computer programs\virtual labs					
ST146Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2572	17.70	2572	17.70	
1 Very often	283	1.95	2855	19.65	
2 Regularly	472	3.25	3327	22.90	
3 Sometimes	1763	12.13	5090	35.03	
4 Never or hardly ever	9440	64.97	14530	100.00	

How often do you do these things? Visit web sites of ecology organisations					
ST146Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2612	17.98	2612	17.98	
1 Very often	300	2.06	2912	20.04	
2 Regularly	601	4.14	3513	24.18	
3 Sometimes	2339	16.10	5852	40.28	
4 Never or hardly ever	8678	59.72	14530	100.00	

How often do you do these things? Follow news via blogs and microblogging					
ST146Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2623	18.05	2623	18.05	
1 Very often	548	3.77	3171	21.82	
2 Regularly	998	6.87	4169	28.69	
3 Sometimes	2639	18.16	6808	46.85	
4 Never or hardly ever	7722	53.15	14530	100.00	

Before going to school did you: Eat breakfast					
ST076Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2288	15.75	2288	15.75	
1 Yes	9433	64.92	11721	80.67	
2 No	2809	19.33	14530	100.00	

Before going to school did you: Study for school or homework					
ST076Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2357	16.22	2357	16.22	
1 Yes	4558	31.37	6915	47.59	
2 No	7615	52.41	14530	100.00	

Before going to school did you: Watch TV\<DVD>\Video					
ST076Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2338	16.09	2338	16.09	
1 Yes	6410	44.12	8748	60.21	
2 No	5782	39.79	14530	100.00	

Before going to school did you: Read a book\newspaper\magazine					
ST076Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2407	16.57	2407	16.57	
1 Yes	3818	26.28	6225	42.84	
2 No	8305	57.16	14530	100.00	

Before going to school did you: Internet\Chat\Social networks (e.g. <Facebook>, <country-specific social network>)				
ST076Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2329	16.03	2329	16.03
1 Yes	9722	66.91	12051	82.94
2 No	2479	17.06	14530	100.00

Before going to school did you: Play video-games				
ST076Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2390	16.45	2390	16.45
1 Yes	3445	23.71	5835	40.16
2 No	8695	59.84	14530	100.00

Before going to school did you: Meet friends or talk to friends on the phone				
ST076Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2367	16.29	2367	16.29
1 Yes	6599	45.42	8966	61.71
2 No	5564	38.29	14530	100.00

Before going to school did you: Talk to your parents				
ST076Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2356	16.21	2356	16.21
1 Yes	10850	74.67	13206	90.89
2 No	1324	9.11	14530	100.00

Before going to school did you: Work in the household or take care				
ST076Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2398	16.50	2398	16.50
1 Yes	6316	43.47	8714	59.97
2 No	5816	40.03	14530	100.00

Before going to school did you: Work for pay				
ST076Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2471	17.01	2471	17.01
1 Yes	2252	15.50	4723	32.51
2 No	9807	67.49	14530	100.00

Before going to school did you: Exercise or practice a sport				
ST076Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2419	16.65	2419	16.65
1 Yes	5578	38.39	7997	55.04
2 No	6533	44.96	14530	100.00

After leaving school did you: Eat dinner				
ST078Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2334	16.06	2334	16.06
1 Yes	11956	82.28	14290	98.35
2 No	240	1.65	14530	100.00

After leaving school did you: Study\school\hmk				
ST078Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2409	16.58	2409	16.58
1 Yes	8744	60.18	11153	76.76
2 No	3377	23.24	14530	100.00

After leaving school did you: Watch TV\<DVD>\Video				
ST078Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2410	16.59	2410	16.59
1 Yes	10549	72.60	12959	89.19
2 No	1571	10.81	14530	100.00

After leaving school did you: Read a book\newspaper\magazine				
ST078Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2505	17.24	2505	17.24
1 Yes	5636	38.79	8141	56.03
2 No	6389	43.97	14530	100.00

After leaving school did you: Internet\Chat\Social net (e.g. <Facebook>)				
ST078Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2409	16.58	2409	16.58
1 Yes	11288	77.69	13697	94.27
2 No	833	5.73	14530	100.00

After leaving school did you: Play video-games				
ST078Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2528	17.40	2528	17.40
1 Yes	5769	39.70	8297	57.10
2 No	6233	42.90	14530	100.00

After leaving school did you: Meet friends or talk to friends on the phone				
ST078Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2481	17.08	2481	17.08
1 Yes	8782	60.44	11263	77.52
2 No	3267	22.48	14530	100.00

After leaving school did you: Talk to your parents				
ST078Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2457	16.91	2457	16.91
1 Yes	11464	78.90	13921	95.81
2 No	609	4.19	14530	100.00

After leaving school did you: Work in the household or take care of other family members				
ST078Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2531	17.42	2531	17.42
1 Yes	8419	57.94	10950	75.36
2 No	3580	24.64	14530	100.00

After leaving school did you: Work for pay				
ST078Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2692	18.53	2692	18.53
1 Yes	4042	27.82	6734	46.35
2 No	7796	53.65	14530	100.00

After leaving school did you: Exercise or practice a sport				
ST078Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2514	17.30	2514	17.30
1 Yes	8320	57.26	10834	74.56
2 No	3696	25.44	14530	100.00

Section 6: ICT

Available for you to use at home: Desktop computer					
IC001Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1490	10.25	1490	10.25	
1 Yes, and I use it	7157	49.26	8647	59.51	
2 Yes, but I don't use it	2976	20.48	11623	79.99	
3 No	2907	20.01	14530	100.00	

Available for you to use at home: Portable laptop, or notebook					
IC001Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1502	10.34	1502	10.34	
1 Yes, and I use it	10687	73.55	12189	83.89	
2 Yes, but I don't use it	1396	9.61	13585	93.50	
3 No	945	6.50	14530	100.00	

Available for you to use at home: <Tablet computer> (e.g. <iPad®>, <BlackBerry® PlayBook>)					
IC001Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1518	10.45	1518	10.45	
1 Yes, and I use it	8071	55.55	9589	65.99	
2 Yes, but I don't use it	2856	19.66	12445	85.65	
3 No	2085	14.35	14530	100.00	

Available for you to use at home: Internet connection					
IC001Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1563	10.76	1563	10.76	
1 Yes, and I use it	12206	84.01	13769	94.76	
2 Yes, but I don't use it	200	1.38	13969	96.14	
3 No	561	3.86	14530	100.00	

Available for you to use at home: <Video games console>, e.g. <Sony® PlayStation®>				
IC001Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1539	10.59	1539	10.59
1 Yes, and I use it	7555	52.00	9094	62.59
2 Yes, but I don't use it	3572	24.58	12666	87.17
3 No	1864	12.83	14530	100.00

Available for you to use at home: <Cell phone> (without Internet access)				
IC001Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1615	11.11	1615	11.11
1 Yes, and I use it	4164	28.66	5779	39.77
2 Yes, but I don't use it	2422	16.67	8201	56.44
3 No	6329	43.56	14530	100.00

Available for you to use at home: <Cell phone> (with Internet access)				
IC001Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1511	10.40	1511	10.40
1 Yes, and I use it	11737	80.78	13248	91.18
2 Yes, but I don't use it	683	4.70	13931	95.88
3 No	599	4.12	14530	100.00

Available for you to use at home: Portable music player (Mp3\Mp4 player, iPod® or similar)				
IC001Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1536	10.57	1536	10.57
1 Yes, and I use it	8922	61.40	10458	71.98
2 Yes, but I don't use it	2325	16.00	12783	87.98
3 No	1747	12.02	14530	100.00

Available for you to use at home: Printer				
IC001Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1582	10.89	1582	10.89
1 Yes, and I use it	9652	66.43	11234	77.32
2 Yes, but I don't use it	1771	12.19	13005	89.50
3 No	1525	10.50	14530	100.00

Available for you to use at home: USB (memory) stick				
IC001Q10TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1589	10.94	1589	10.94
1 Yes, and I use it	11047	76.03	12636	86.96
2 Yes, but I don't use it	1572	10.82	14208	97.78
3 No	322	2.22	14530	100.00

Available for you to use at home: <ebook reader>, e.g. <Amazon® Kindle>				
IC001Q11TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1638	11.27	1638	11.27
1 Yes, and I use it	1609	11.07	3247	22.35
2 Yes, but I don't use it	2247	15.46	5494	37.81
3 No	9036	62.19	14530	100.00

Digital devices available at school: Desktop computer				
IC009Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1649	11.35	1649	11.35
1 Yes, and I use it	8768	60.34	10417	71.69
2 Yes, but I don't use it	2961	20.38	13378	92.07
3 No	1152	7.93	14530	100.00

Digital devices available at school: Portable laptop or notebook				
IC009Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1706	11.74	1706	11.74
1 Yes, and I use it	8974	61.76	10680	73.50
2 Yes, but I don't use it	1829	12.59	12509	86.09
3 No	2021	13.91	14530	100.00

Digital devices available at school: <Tablet computer> (e.g. <iPad®>, <BlackBerry® PlayBook>)				
IC009Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1819	12.52	1819	12.52
1 Yes, and I use it	3605	24.81	5424	37.33
2 Yes, but I don't use it	2630	18.10	8054	55.43
3 No	6476	44.57	14530	100.00

Digital devices available at school: Internet connected school computers				
IC009Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1694	11.66	1694	11.66
1 Yes, and I use it	10767	74.10	12461	85.76
2 Yes, but I don't use it	1586	10.92	14047	96.68
3 No	483	3.32	14530	100.00

Digital devices available at school: Internet connection via wireless network				
IC009Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1784	12.28	1784	12.28
1 Yes, and I use it	9886	68.04	11670	80.32
2 Yes, but I don't use it	1311	9.02	12981	89.34
3 No	1549	10.66	14530	100.00

Digital devices available at school: Storage space for school-related data, e.g. a folder for own documents				
IC009Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1752	12.06	1752	12.06
1 Yes, and I use it	10545	72.57	12297	84.63
2 Yes, but I don't use it	1350	9.29	13647	93.92
3 No	883	6.08	14530	100.00

Digital devices available at school: USB (memory) stick					
IC009Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1742	11.99	1742	11.99	
1 Yes, and I use it	7586	52.21	9328	64.20	
2 Yes, but I don't use it	1772	12.20	11100	76.39	
3 No	3430	23.61	14530	100.00	

Digital devices available at school: <ebook reader>, e.g. <Amazon® Kindle>					
IC009Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1954	13.45	1954	13.45	
1 Yes, and I use it	1011	6.96	2965	20.41	
2 Yes, but I don't use it	1563	10.76	4528	31.16	
3 No	10002	68.84	14530	100.00	

Digital devices available at school: Data projector, e.g. for slide presentations					
IC009Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1811	12.46	1811	12.46	
1 Yes, and I use it	7994	55.02	9805	67.48	
2 Yes, but I don't use it	3281	22.58	13086	90.06	
3 No	1444	9.94	14530	100.00	

Digital devices available at school: Interactive Whiteboard, e.g. <Smartboard®>					
IC009Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1808	12.44	1808	12.44	
1 Yes, and I use it	6101	41.99	7909	54.43	
2 Yes, but I don't use it	4006	27.57	11915	82.00	
3 No	2615	18.00	14530	100.00	

How old were you when you first used a digital device?					
	IC002Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1615	11.11	1615	11.11
1 6 years old or younger		4714	32.44	6329	43.56
2 7-9 years old		4549	31.31	10878	74.87
3 10-12 years old		2798	19.26	13676	94.12
4 13 years old or older		753	5.18	14429	99.30
5 I have never used a digital device until today		101	0.70	14530	100.00

How old were you when you first used a computer?					
	IC003Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1759	12.11	1759	12.11
1 6 years old or younger		4817	33.15	6576	45.26
2 7-9 years old		5578	38.39	12154	83.65
3 10-12 years old		1974	13.59	14128	97.23
4 13 years old or older		371	2.55	14499	99.79
5 I have never used a computer		31	0.21	14530	100.00

How old were you when you first accessed the Internet?					
	IC004Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1792	12.33	1792	12.33
1 6 years old or younger		2760	19.00	4552	31.33
2 7-9 years old		5685	39.13	10237	70.45
3 10-12 years old		3596	24.75	13833	95.20
4 13 years old or older		663	4.56	14496	99.77
5 I have never accessed the Internet		34	0.23	14530	100.00

During a typical weekday, for how long do you use the Internet at school?					
	IC005Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1845	12.70	1845	12.70
1 No time		776	5.34	2621	18.04
2 1-30 minutes per day		2315	15.93	4936	33.97
3 31-60 minutes per day		2630	18.10	7566	52.07
4 Between 1 hour and 2 hours per day		2796	19.24	10362	71.31
5 Between 2 hours and 4 hours per day		2354	16.20	12716	87.52
6 Between 4 hours and 6 hours per day		1241	8.54	13957	96.06
7 More than 6 hours per day		573	3.94	14530	100.00

During a typical weekday, for how long do you use the Internet outside of school?					
	IC006Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1916	13.19	1916	13.19
1 No time		266	1.83	2182	15.02
2 1-30 minutes per day		499	3.43	2681	18.45
3 31-60 minutes per day		892	6.14	3573	24.59
4 Between 1 hour and 2 hours per day		2262	15.57	5835	40.16
5 Between 2 hours and 4 hours per day		3786	26.06	9621	66.21
6 Between 4 hours and 6 hours per day		2558	17.60	12179	83.82
7 More than 6 hours per day		2351	16.18	14530	100.00

On a typical weekend day, for how long do you use the Internet outside of school?					
	IC007Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		1996	13.74	1996	13.74
1 No time		272	1.87	2268	15.61
2 1-30 minutes per day		519	3.57	2787	19.18
3 31-60 minutes per day		729	5.02	3516	24.20
4 Between 1 hour and 2 hours per day		1668	11.48	5184	35.68
5 Between 2 hours and 4 hours per day		2974	20.47	8158	56.15
6 Between 4 hours and 6 hours per day		2753	18.95	10911	75.09
7 More than 6 hours per day		3619	24.91	14530	100.00

Use digital devices outside school for playing one-player games.				
IC008Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2199	15.13	2199	15.13
1 Never or hardly ever	3932	27.06	6131	42.20
2 Once or twice a month	2004	13.79	8135	55.99
3 Once or twice a week	3063	21.08	11198	77.07
4 Almost every day	2051	14.12	13249	91.18
5 Every day	1281	8.82	14530	100.00

Use digital devices outside school for playing collaborative online games.				
IC008Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2309	15.89	2309	15.89
1 Never or hardly ever	5697	39.21	8006	55.10
2 Once or twice a month	1581	10.88	9587	65.98
3 Once or twice a week	2008	13.82	11595	79.80
4 Almost every day	1545	10.63	13140	90.43
5 Every day	1390	9.57	14530	100.00

Use digital devices outside school for using email.				
IC008Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2348	16.16	2348	16.16
1 Never or hardly ever	1702	11.71	4050	27.87
2 Once or twice a month	2089	14.38	6139	42.25
3 Once or twice a week	3738	25.73	9877	67.98
4 Almost every day	2752	18.94	12629	86.92
5 Every day	1901	13.08	14530	100.00

Use digital devices outside school for <Chatting online> (e.g. <MSN@>).				
IC008Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2348	16.16	2348	16.16
1 Never or hardly ever	3008	20.70	5356	36.86
2 Once or twice a month	778	5.35	6134	42.22
3 Once or twice a week	1460	10.05	7594	52.26
4 Almost every day	2823	19.43	10417	71.69
5 Every day	4113	28.31	14530	100.00

Use digital devices outside school for social networks (e.g. <Facebook>, <MySpace>).					
IC008Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2314	15.93	2314	15.93	
1 Never or hardly ever	993	6.83	3307	22.76	
2 Once or twice a month	434	2.99	3741	25.75	
3 Once or twice a week	1120	7.71	4861	33.45	
4 Almost every day	3089	21.26	7950	54.71	
5 Every day	6580	45.29	14530	100.00	

Use digital devices outside school for online games\Social Networks (e.g. <Farmville®>, <The Sims Social>).					
IC008Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2316	15.94	2316	15.94	
1 Never or hardly ever	7477	51.46	9793	67.40	
2 Once or twice a month	1394	9.59	11187	76.99	
3 Once or twice a week	1307	9.00	12494	85.99	
4 Almost every day	982	6.76	13476	92.75	
5 Every day	1054	7.25	14530	100.00	

Use digital devices outside school for browsing the Internet for fun videos, e.g. <YouTube>).					
IC008Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2300	15.83	2300	15.83	
1 Never or hardly ever	551	3.79	2851	19.62	
2 Once or twice a month	761	5.24	3612	24.86	
3 Once or twice a week	2255	15.52	5867	40.38	
4 Almost every day	3585	24.67	9452	65.05	
5 Every day	5078	34.95	14530	100.00	

Use digital devices outside school for reading news on the Internet (e.g. current affairs).					
IC008Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2346	16.15	2346	16.15	
1 Never or hardly ever	3024	20.81	5370	36.96	
2 Once or twice a month	2255	15.52	7625	52.48	
3 Once or twice a week	3063	21.08	10688	73.56	
4 Almost every day	2180	15.00	12868	88.56	
5 Every day	1662	11.44	14530	100.00	

Use digital devices outside school for obtaining practical information from the Internet					
IC008Q10TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2391	16.46	2391	16.46	
1 Never or hardly ever	1843	12.68	4234	29.14	
2 Once or twice a month	2035	14.01	6269	43.15	
3 Once or twice a week	3796	26.13	10065	69.27	
4 Almost every day	2760	19.00	12825	88.27	
5 Every day	1705	11.73	14530	100.00	

Use digital devices outside school for downloading music, films, games or software from the Internet.					
IC008Q11TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2369	16.30	2369	16.30	
1 Never or hardly ever	1416	9.75	3785	26.05	
2 Once or twice a month	2221	15.29	6006	41.34	
3 Once or twice a week	3225	22.20	9231	63.53	
4 Almost every day	2880	19.82	12111	83.35	
5 Every day	2419	16.65	14530	100.00	

Use digital devices outside school for uploading your own created contents for sharing					
IC008Q12TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2379	16.37	2379	16.37	
1 Never or hardly ever	6861	47.22	9240	63.59	
2 Once or twice a month	2100	14.45	11340	78.05	
3 Once or twice a week	1451	9.99	12791	88.03	
4 Almost every day	899	6.19	13690	94.22	
5 Every day	840	5.78	14530	100.00	

Use digital devices outside school for downloading new apps on a mobile device.					
IC008Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2345	16.14	2345	16.14	
1 Never or hardly ever	1593	10.96	3938	27.10	
2 Once or twice a month	4810	33.10	8748	60.21	
3 Once or twice a week	3125	21.51	11873	81.71	
4 Almost every day	1528	10.52	13401	92.23	
5 Every day	1129	7.77	14530	100.00	

Frequency of use outside of school: Browsing the Internet for schoolwork (e.g. for preparing an essay or presentation)					
IC010Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2627	18.08	2627	18.08	
1 Never or hardly ever	1148	7.90	3775	25.98	
2 Once or twice a month	1734	11.93	5509	37.91	
3 Once or twice a week	4338	29.86	9847	67.77	
4 Almost every day	3237	22.28	13084	90.05	
5 Every day	1446	9.95	14530	100.00	

Frequency of use outside of school: Browsing the Internet to follow up lessons, e.g. for finding explanations.				
IC010Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2737	18.84	2737	18.84
1 Never or hardly ever	2200	15.14	4937	33.98
2 Once or twice a month	2536	17.45	7473	51.43
3 Once or twice a week	3996	27.50	11469	78.93
4 Almost every day	2076	14.29	13545	93.22
5 Every day	985	6.78	14530	100.00

Frequency of use outside of school: Using email for communication with other students about schoolwork.				
IC010Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2737	18.84	2737	18.84
1 Never or hardly ever	4071	28.02	6808	46.85
2 Once or twice a month	2534	17.44	9342	64.29
3 Once or twice a week	2840	19.55	12182	83.84
4 Almost every day	1477	10.17	13659	94.01
5 Every day	871	5.99	14530	100.00

Frequency of use outside of school: Using email for communication with teacher\submit of homework or other schoolwork				
IC010Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2803	19.29	2803	19.29
1 Never or hardly ever	3148	21.67	5951	40.96
2 Once or twice a month	3359	23.12	9310	64.07
3 Once or twice a week	3109	21.40	12419	85.47
4 Almost every day	1355	9.33	13774	94.80
5 Every day	756	5.20	14530	100.00

Frequency of use outside of school: Using Social Networks for communication with other students about schoolwork.					
IC010Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2795	19.24	2795	19.24	
1 Never or hardly ever	2554	17.58	5349	36.81	
2 Once or twice a month	1974	13.59	7323	50.40	
3 Once or twice a week	3271	22.51	10594	72.91	
4 Almost every day	2185	15.04	12779	87.95	
5 Every day	1751	12.05	14530	100.00	

Frequency of use outside of school: Using Social Networks for communication with teachers.					
IC010Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2794	19.23	2794	19.23	
1 Never or hardly ever	8990	61.87	11784	81.10	
2 Once or twice a month	716	4.93	12500	86.03	
3 Once or twice a week	916	6.30	13416	92.33	
4 Almost every day	599	4.12	14015	96.46	
5 Every day	515	3.54	14530	100.00	

Frequency of use outside of school: Download\upload\browsing from school website (e.g. time table or course materials)					
IC010Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2852	19.63	2852	19.63	
1 Never or hardly ever	4910	33.79	7762	53.42	
2 Once or twice a month	2531	17.42	10293	70.84	
3 Once or twice a week	2323	15.99	12616	86.83	
4 Almost every day	1248	8.59	13864	95.42	
5 Every day	666	4.58	14530	100.00	

Frequency of use outside of school: Checking the schools website for announcements, e.g. absence of teachers.				
IC010Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2850	19.61	2850	19.61
1 Never or hardly ever	5792	39.86	8642	59.48
2 Once or twice a month	2073	14.27	10715	73.74
3 Once or twice a week	2022	13.92	12737	87.66
4 Almost every day	1104	7.60	13841	95.26
5 Every day	689	4.74	14530	100.00

Frequency of use outside of school: Doing homework on a computer.				
IC010Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2799	19.26	2799	19.26
1 Never or hardly ever	1272	8.75	4071	28.02
2 Once or twice a month	1509	10.39	5580	38.40
3 Once or twice a week	3353	23.08	8933	61.48
4 Almost every day	3160	21.75	12093	83.23
5 Every day	2437	16.77	14530	100.00

Frequency of use outside of school: Doing homework on a mobile device.				
IC010Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2840	19.55	2840	19.55
1 Never or hardly ever	5656	38.93	8496	58.47
2 Once or twice a month	2141	14.74	10637	73.21
3 Once or twice a week	2037	14.02	12674	87.23
4 Almost every day	1143	7.87	13817	95.09
5 Every day	713	4.91	14530	100.00

Frequency of use outside of school: Downloading learning apps on a mobile device.					
IC010Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2831	19.48	2831	19.48	
1 Never or hardly ever	7189	49.48	10020	68.96	
2 Once or twice a month	2183	15.02	12203	83.98	
3 Once or twice a week	1222	8.41	13425	92.40	
4 Almost every day	628	4.32	14053	96.72	
5 Every day	477	3.28	14530	100.00	

Frequency of use outside of school: Downloading science learning apps on a mobile device.					
IC010Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2828	19.46	2828	19.46	
1 Never or hardly ever	8419	57.94	11247	77.41	
2 Once or twice a month	1443	9.93	12690	87.34	
3 Once or twice a week	915	6.30	13605	93.63	
4 Almost every day	516	3.55	14121	97.19	
5 Every day	409	2.81	14530	100.00	

Frequency of use at school: <Chatting on line> at school.					
IC011Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2827	19.46	2827	19.46	
1 Never or hardly ever	6025	41.47	8852	60.92	
2 Once or twice a month	1315	9.05	10167	69.97	
3 Once or twice a week	1708	11.75	11875	81.73	
4 Almost every day	1551	10.67	13426	92.40	
5 Every day	1104	7.60	14530	100.00	

Frequency of use at school: Using email at school.					
IC011Q02TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2917	20.08	2917	20.08	
1 Never or hardly ever	2577	17.74	5494	37.81	
2 Once or twice a month	2082	14.33	7576	52.14	
3 Once or twice a week	3035	20.89	10611	73.03	
4 Almost every day	2193	15.09	12804	88.12	
5 Every day	1726	11.88	14530	100.00	

Frequency of use at school: Browsing the Internet for schoolwork.				
IC011Q03TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3005	20.68	3005	20.68
1 Never or hardly ever	1156	7.96	4161	28.64
2 Once or twice a month	1235	8.50	5396	37.14
3 Once or twice a week	3178	21.87	8574	59.01
4 Almost every day	3520	24.23	12094	83.23
5 Every day	2436	16.77	14530	100.00

Frequency of use at school: Download\upload\browse schools web (e.g. <intranet>).				
IC011Q04TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2961	20.38	2961	20.38
1 Never or hardly ever	4853	33.40	7814	53.78
2 Once or twice a month	1833	12.62	9647	66.39
3 Once or twice a week	2180	15.00	11827	81.40
4 Almost every day	1635	11.25	13462	92.65
5 Every day	1068	7.35	14530	100.00

Frequency of use at school: Posting my work on the schools website.				
IC011Q05TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2971	20.45	2971	20.45
1 Never or hardly ever	7748	53.32	10719	73.77
2 Once or twice a month	1365	9.39	12084	83.17
3 Once or twice a week	1354	9.32	13438	92.48
4 Almost every day	643	4.43	14081	96.91
5 Every day	449	3.09	14530	100.00

Frequency of use at school: Playing simulations at school.				
IC011Q06TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3066	21.10	3066	21.10
1 Never or hardly ever	7929	54.57	10995	75.67
2 Once or twice a month	1555	10.70	12550	86.37
3 Once or twice a week	1107	7.62	13657	93.99
4 Almost every day	515	3.54	14172	97.54
5 Every day	358	2.46	14530	100.00

Frequency of use at school: Practicing and drilling, foreign language learning or math.				
IC011Q07TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3066	21.10	3066	21.10
1 Never or hardly ever	6233	42.90	9299	64.00
2 Once or twice a month	1680	11.56	10979	75.56
3 Once or twice a week	1846	12.70	12825	88.27
4 Almost every day	1125	7.74	13950	96.01
5 Every day	580	3.99	14530	100.00

Frequency of use at school: Doing homework on a school computer.				
IC011Q08TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2979	20.50	2979	20.50
1 Never or hardly ever	2740	18.86	5719	39.36
2 Once or twice a month	2279	15.68	7998	55.04
3 Once or twice a week	2966	20.41	10964	75.46
4 Almost every day	2111	14.53	13075	89.99
5 Every day	1455	10.01	14530	100.00

Frequency of use at school: Using school computers for group work and communication with other students.				
IC011Q09TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2988	20.56	2988	20.56
1 Never or hardly ever	3586	24.68	6574	45.24
2 Once or twice a month	2667	18.36	9241	63.60
3 Once or twice a week	2760	19.00	12001	82.59
4 Almost every day	1567	10.78	13568	93.38
5 Every day	962	6.62	14530	100.00

I forget about time when I'm using digital devices.				
IC013Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3133	21.56	3133	21.56
1 Strongly disagree	766	5.27	3899	26.83
2 Disagree	3186	21.93	7085	48.76
3 Agree	5447	37.49	12532	86.25
4 Strongly agree	1998	13.75	14530	100.00

The Internet is a great resource for obtaining information I am interested in (e.g. news, sports, dictionary).

IC013Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3190	21.95	3190	21.95
1 Strongly disagree	256	1.76	3446	23.72
2 Disagree	604	4.16	4050	27.87
3 Agree	5832	40.14	9882	68.01
4 Strongly agree	4648	31.99	14530	100.00

It is very useful to have Social Networks on the Internet.

IC013Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3230	22.23	3230	22.23
1 Strongly disagree	335	2.31	3565	24.54
2 Disagree	926	6.37	4491	30.91
3 Agree	6249	43.01	10740	73.92
4 Strongly agree	3790	26.08	14530	100.00

I am really excited discovering new digital devices or applications.

IC013Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3281	22.58	3281	22.58
1 Strongly disagree	440	3.03	3721	25.61
2 Disagree	2772	19.08	6493	44.69
3 Agree	5661	38.96	12154	83.65
4 Strongly agree	2376	16.35	14530	100.00

I really feel bad if no Internet connection is possible.

IC013Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3205	22.06	3205	22.06
1 Strongly disagree	991	6.82	4196	28.88
2 Disagree	4037	27.78	8233	56.66
3 Agree	4119	28.35	12352	85.01
4 Strongly agree	2178	14.99	14530	100.00

I like using digital devices.				
IC013Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3221	22.17	3221	22.17
1 Strongly disagree	201	1.38	3422	23.55
2 Disagree	522	3.59	3944	27.14
3 Agree	6342	43.65	10286	70.79
4 Strongly agree	4244	29.21	14530	100.00

I feel comfortable using digital devices that I am less familiar with.				
IC014Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3334	22.95	3334	22.95
1 Strongly disagree	485	3.34	3819	26.28
2 Disagree	2682	18.46	6501	44.74
3 Agree	6096	41.95	12597	86.70
4 Strongly agree	1933	13.30	14530	100.00

If my friends and relatives want to buy new digital devices or applications, I can give them advice.				
IC014Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3381	23.27	3381	23.27
1 Strongly disagree	484	3.33	3865	26.60
2 Disagree	1964	13.52	5829	40.12
3 Agree	6240	42.95	12069	83.06
4 Strongly agree	2461	16.94	14530	100.00

I feel comfortable using my digital devices at home.				
IC014Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3432	23.62	3432	23.62
1 Strongly disagree	165	1.14	3597	24.76
2 Disagree	309	2.13	3906	26.88
3 Agree	5383	37.05	9289	63.93
4 Strongly agree	5241	36.07	14530	100.00

When I come across problems with digital devices, I think I can solve them.					
IC014Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3407	23.45	3407	23.45	
1 Strongly disagree	347	2.39	3754	25.84	
2 Disagree	1593	10.96	5347	36.80	
3 Agree	6340	43.63	11687	80.43	
4 Strongly agree	2843	19.57	14530	100.00	

If my friends and relatives have a problem with digital devices, I can help them.					
IC014Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3427	23.59	3427	23.59	
1 Strongly disagree	447	3.08	3874	26.66	
2 Disagree	1779	12.24	5653	38.91	
3 Agree	6319	43.49	11972	82.40	
4 Strongly agree	2558	17.60	14530	100.00	

If I need new software, I install it by myself.					
IC015Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3440	23.68	3440	23.68	
1 Strongly disagree	913	6.28	4353	29.96	
2 Disagree	2609	17.96	6962	47.91	
3 Agree	5216	35.90	12178	83.81	
4 Strongly agree	2352	16.19	14530	100.00	

I read information about digital devices to be independent.					
IC015Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3531	24.30	3531	24.30	
1 Strongly disagree	1061	7.30	4592	31.60	
2 Disagree	3633	25.00	8225	56.61	
3 Agree	4742	32.64	12967	89.24	
4 Strongly agree	1563	10.76	14530	100.00	

I use digital devices as I want to use them.				
IC015Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3539	24.36	3539	24.36
1 Strongly disagree	275	1.89	3814	26.25
2 Disagree	834	5.74	4648	31.99
3 Agree	6708	46.17	11356	78.16
4 Strongly agree	3174	21.84	14530	100.00

If I have a problem with digital devices I start to solve it on my own.				
IC015Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3526	24.27	3526	24.27
1 Strongly disagree	457	3.15	3983	27.41
2 Disagree	1822	12.54	5805	39.95
3 Agree	6270	43.15	12075	83.10
4 Strongly agree	2455	16.90	14530	100.00

If I need a new application, I choose it by myself.				
IC015Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3553	24.45	3553	24.45
1 Strongly disagree	449	3.09	4002	27.54
2 Disagree	1681	11.57	5683	39.11
3 Agree	6124	42.15	11807	81.26
4 Strongly agree	2723	18.74	14530	100.00

To learn something new about digital devices, I like to talk about them with my friends.				
IC016Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3678	25.31	3678	25.31
1 Strongly disagree	743	5.11	4421	30.43
2 Disagree	2663	18.33	7084	48.75
3 Agree	6244	42.97	13328	91.73
4 Strongly agree	1202	8.27	14530	100.00

I like to exchange solutions to problems with digital devices with others on the Internet.					
IC016Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3734	25.70	3734	25.70	
1 Strongly disagree	1506	10.36	5240	36.06	
2 Disagree	4126	28.40	9366	64.46	
3 Agree	4236	29.15	13602	93.61	
4 Strongly agree	928	6.39	14530	100.00	

I like to meet friends and play computer and video games with them.					
IC016Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3731	25.68	3731	25.68	
1 Strongly disagree	2123	14.61	5854	40.29	
2 Disagree	3015	20.75	8869	61.04	
3 Agree	3853	26.52	12722	87.56	
4 Strongly agree	1808	12.44	14530	100.00	

I like to share information about digital devices with my friends.					
IC016Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3747	25.79	3747	25.79	
1 Strongly disagree	1250	8.60	4997	34.39	
2 Disagree	3340	22.99	8337	57.38	
3 Agree	5137	35.35	13474	92.73	
4 Strongly agree	1056	7.27	14530	100.00	

I learn a lot about digital media by discussing with my friends and relatives.					
IC016Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3763	25.90	3763	25.90	
1 Strongly disagree	1011	6.96	4774	32.86	
2 Disagree	2722	18.73	7496	51.59	
3 Agree	5716	39.34	13212	90.93	
4 Strongly agree	1318	9.07	14530	100.00	

Section 7: Educational career

Approx how many hrs/week attend add. instruct in the follow. domains? <School science> or <broad science>					
EC001Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	7456	51.31	7456	51.31	
0-20 hours per week	7074	48.69	14530	100.00	

Approx how many hrs/week attend add. instruct in the follow. domains? <School science> or <broad science>						
N	Mean	Median	Std Dev	Minimum	Maximum	
7074	3.01	2.00	4.32	0.00	20.00	

Approx how many hrs/week attend add. instruct in the follow. domains? Mathematics					
EC001Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	6568	45.20	6568	45.20	
0-20 hours per week	7962	54.80	14530	100.00	

Approx how many hrs/week attend add. instruct in the follow. domains? Mathematics						
N	Mean	Median	Std Dev	Minimum	Maximum	
7962	3.46	2.00	4.36	0.00	20.00	

Approx how many hrs/week attend add. instruct in the follow. domains? <Test language>					
EC001Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	6964	47.93	6964	47.93	
0-20 hours per week	7566	52.07	14530	100.00	

Approx how many hrs/week attend add. instruct in the follow. domains? <Test language>						
N	Mean	Median	Std Dev	Minimum	Maximum	
7566	3.35	2.00	4.41	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? <Foreign languages>					
EC001Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	9561	65.80	9561	65.80	
0-20 hours per week	4969	34.20	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? <Foreign languages>						
N	Mean	Median	Std Dev	Minimum	Maximum	
4969	1.82	0.00	3.91	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Social sciences					
EC001Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	8354	57.49	8354	57.49	
0-20 hours per week	6176	42.51	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Social sciences						
N	Mean	Median	Std Dev	Minimum	Maximum	
6176	2.47	1.00	3.99	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Music					
EC001Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	9059	62.35	9059	62.35	
0-20 hours per week	5471	37.65	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Music						
N	Mean	Median	Std Dev	Minimum	Maximum	
5471	2.15	0.00	4.12	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Sports					
EC001Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	6312	43.44	6312	43.44	
0-20 hours per week	8218	56.56	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Sports						
N	Mean	Median	Std Dev	Minimum	Maximum	
8218	4.88	3.00	5.26	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Performing arts					
EC001Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	9250	63.66	9250	63.66	
0-20 hours per week	5280	36.34	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Performing arts						
N	Mean	Median	Std Dev	Minimum	Maximum	
5280	2.07	0.00	4.11	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Visual arts					
EC001Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	8873	61.07	8873	61.07	
0-20 hours per week	5657	38.93	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Visual arts						
N	Mean	Median	Std Dev	Minimum	Maximum	
5657	2.20	0.00	4.05	0.00	20.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Other					
EC001Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	8414	57.91	8414	57.91	
0-20 hours per week	6116	42.09	14530	100.00	

Approx how many hrs\week attend add. instruct in the follow. domains? Other						
N	Mean	Median	Std Dev	Minimum	Maximum	
6116	3.29	1.00	4.95	0.00	20.00	

Section 7A: Additional instruction in science

Which <school science> subjects are covered? Physics				
EC003Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	1961	13.50	12005	82.62
1 Checked	2525	17.38	14530	100.00

Which <school science> subjects are covered? Chemistry				
EC003Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	1763	12.13	11807	81.26
1 Checked	2723	18.74	14530	100.00

Which <school science> subjects are covered? Biology				
EC003Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	1853	12.75	11897	81.88
1 Checked	2633	18.12	14530	100.00

Which <school science> subjects are covered? <Earth and space>				
EC003Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	2626	18.07	12670	87.20
1 Checked	1860	12.80	14530	100.00

Which <school science> subjects are covered? Applied science and technology (e.g. <country-specific example>)				
EC003Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	3090	21.27	13134	90.39
1 Checked	1396	9.61	14530	100.00

Which <school science> subjects are covered? <General or integrated science> (e.g. <country-specific example>)				
EC003Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10044	69.13	10044	69.13
0 Not checked	2371	16.32	12415	85.44
1 Checked	2115	14.56	14530	100.00

Add science inst. cover? Content covered in regular school courses				
EC004Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10535	72.51	10535	72.51
1 Yes	3436	23.65	13971	96.15
2 No	559	3.85	14530	100.00

Add science inst. cover? New or additional content not covered in regular school courses				
EC004Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10884	74.91	10884	74.91
1 Yes	1636	11.26	12520	86.17
2 No	2010	13.83	14530	100.00

Sci. instruct. participate? One-on-one tutoring with a person				
EC005Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3381	23.27	13460	92.64
1 Checked	1070	7.36	14530	100.00

Sci. instruct. participate? Internet tutoring with a person (including e.g. <Skype>)				
EC005Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3937	27.10	14016	96.46
1 Checked	514	3.54	14530	100.00

Sci. instruct. participate? Internet or computer tutoring with a programme or application				
EC005Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3654	25.15	13733	94.51
1 Checked	797	5.49	14530	100.00

Sci. instruct. participate? Live instruction by a person				
EC005Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3357	23.10	13436	92.47
1 Checked	1094	7.53	14530	100.00

Sci. instruct. participate? Video-recorded instruction by a person				
EC005Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3865	26.60	13944	95.97
1 Checked	586	4.03	14530	100.00

Sci. instruct. participate? Small group study or practice (2 to 7 students)				
EC005Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3057	21.04	13136	90.41
1 Checked	1394	9.59	14530	100.00

Sci. instruct. participate? Large group study or practice (8 or more students)				
EC005Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3579	24.63	13658	94.00
1 Checked	872	6.00	14530	100.00

Sci. instruct. participate? Other additional science instruction				
EC005Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10079	69.37	10079	69.37
0 Not checked	3514	24.18	13593	93.55
1 Checked	937	6.45	14530	100.00

Where do you attend this additional science instruction? In my regular school building				
EC007Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10104	69.54	10104	69.54
0 Not checked	1620	11.15	11724	80.69
1 Checked	2806	19.31	14530	100.00

Where do you attend this additional science instruction? At some other place, i.e., not in my reg school building				
EC007Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10104	69.54	10104	69.54
0 Not checked	3315	22.81	13419	92.35
1 Checked	1111	7.65	14530	100.00

The teacher is one of my regular teachers in this years school courses. (science)				
EC008Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10121	69.66	10121	69.66
0 Not checked	1887	12.99	12008	82.64
1 Checked	2522	17.36	14530	100.00

The teacher regularly teaches students my age in school but is not my teacher in any of my regular courses. (science)				
EC008Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10121	69.66	10121	69.66
0 Not checked	3228	22.22	13349	91.87
1 Checked	1181	8.13	14530	100.00

The teacher mainly works for a business or organisation specialised in additional instruction. (science)				
EC008Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10121	69.66	10121	69.66
0 Not checked	3655	25.15	13776	94.81
1 Checked	754	5.19	14530	100.00

The teacher is not specialised teaching personnel (e.g. a student). (science)				
EC008Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10121	69.66	10121	69.66
0 Not checked	3651	25.13	13772	94.78
1 Checked	758	5.22	14530	100.00

Compare your <school science> lessons at school/your add sci inst. My teacher does a lot to help					
	EC009Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	10968	75.49	10968	75.49
1 More likely in my regular school lessons		1704	11.73	12672	87.21
2 No difference		1429	9.83	14101	97.05
3 More likely in my additional instruction		429	2.95	14530	100.00

Compare your <school science> lessons at school/your add sci inst. My teacher is pleased when I					
	EC009Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	11011	75.78	11011	75.78
1 More likely in my regular school lessons		1492	10.27	12503	86.05
2 No difference		1710	11.77	14213	97.82
3 More likely in my additional instruction		317	2.18	14530	100.00

Compare your <school science> lessons at school\your add sci inst. My teacher gives hints					
EC009Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	11022	75.86	11022	75.86	
1 More likely in my regular school lessons	1553	10.69	12575	86.55	
2 No difference	1499	10.32	14074	96.86	
3 More likely in my additional instruction	456	3.14	14530	100.00	

Compare your <school science> lessons at school\your add sci inst. My teacher helps me\find ways					
EC009Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	11054	76.08	11054	76.08	
1 More likely in my regular school lessons	1557	10.72	12611	86.79	
2 No difference	1506	10.36	14117	97.16	
3 More likely in my additional instruction	413	2.84	14530	100.00	

Compare your <school science> lessons at school\your add sci inst. Once we identify why					
EC009Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	11055	76.08	11055	76.08	
1 More likely in my regular school lessons	1499	10.32	12554	86.40	
2 No difference	1557	10.72	14111	97.12	
3 More likely in my additional instruction	419	2.88	14530	100.00	

Compare your <school science> lessons at school\your add sci inst. My teacher adapts the content					
EC009Q14NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	11076	76.23	11076	76.23	
1 More likely in my regular school lessons	1398	9.62	12474	85.85	
2 No difference	1599	11.00	14073	96.85	
3 More likely in my additional instruction	457	3.15	14530	100.00	

Compare <school science> lessons in school\add sci instruct. It takes long time until I have gathered all the materia					
	EC010Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11137	76.65	11137	76.65
1 More likely in my regular school lessons		1108	7.63	12245	84.27
2 No difference		2064	14.21	14309	98.48
3 More likely in my additional instruction		221	1.52	14530	100.00

Compare <school science> lessons in school\add sci instruct. I talk about things that don't have anything to do with					
	EC010Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11186	76.99	11186	76.99
1 More likely in my regular school lessons		1055	7.26	12241	84.25
2 No difference		2003	13.79	14244	98.03
3 More likely in my additional instruction		286	1.97	14530	100.00

Compare <school science> lessons in school\add sci instruct. At the end of a lesson, my teacher summarises learning					
	EC010Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11201	77.09	11201	77.09
1 More likely in my regular school lessons		1089	7.49	12290	84.58
2 No difference		1944	13.38	14234	97.96
3 More likely in my additional instruction		296	2.04	14530	100.00

Compare <school science> lessons in school\add sci instruct. My teacher points out the most important aspects\topic.					
	EC010Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11226	77.26	11226	77.26
1 More likely in my regular school lessons		1198	8.25	12424	85.51
2 No difference		1808	12.44	14232	97.95
3 More likely in my additional instruction		298	2.05	14530	100.00

Compare <school science> lessons in school\add sci instruct. I am often bored.					
	EC010Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11219	77.21	11219	77.21
1 More likely in my regular school lessons		1073	7.38	12292	84.60
2 No difference		1978	13.61	14270	98.21
3 More likely in my additional instruction		260	1.79	14530	100.00

Compare <school science> lessons in school\add sci instruct. It takes very long until I am ready to get started.					
	EC010Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11249	77.42	11249	77.42
1 More likely in my regular school lessons		871	5.99	12120	83.41
2 No difference		2165	14.90	14285	98.31
3 More likely in my additional instruction		245	1.69	14530	100.00

Compare <school science> lessons in school\add sci instruct. I should learn in a cert actvty.					
	EC010Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11230	77.29	11230	77.29
1 More likely in my regular school lessons		1112	7.65	12342	84.94
2 No difference		1893	13.03	14235	97.97
3 More likely in my additional instruction		295	2.03	14530	100.00

Compare <school science> lessons in school\add sci instruct. My teacher points out the broader context of a learning					
	EC010Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11255	77.46	11255	77.46
1 More likely in my regular school lessons		1082	7.45	12337	84.91
2 No difference		1885	12.97	14222	97.88
3 More likely in my additional instruction		308	2.12	14530	100.00

Compare <school science> lessons in school\add sci instruct. I get along well with my teachers.					
	EC011Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11091	76.33	11091	76.33
1 More likely in my regular school lessons		1525	10.50	12616	86.83
2 No difference		1649	11.35	14265	98.18
3 More likely in my additional instruction		265	1.82	14530	100.00

Compare <school science> lessons in school\add sci instruct. My teachers are interested in my well-being.					
	EC011Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11131	76.61	11131	76.61
1 More likely in my regular school lessons		1290	8.88	12421	85.49
2 No difference		1865	12.84	14286	98.32
3 More likely in my additional instruction		244	1.68	14530	100.00

Compare <school science> lessons in school\add sci instruct. My teachers really listen to what I have to say.					
	EC011Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11135	76.63	11135	76.63
1 More likely in my regular school lessons		1320	9.08	12455	85.72
2 No difference		1760	12.11	14215	97.83
3 More likely in my additional instruction		315	2.17	14530	100.00

Compare <school science> lessons in school\add sci instruct. If I need extra help, I will receive it from teachers.					
	EC011Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		11143	76.69	11143	76.69
1 More likely in my regular school lessons		1333	9.17	12476	85.86
2 No difference		1696	11.67	14172	97.54
3 More likely in my additional instruction		358	2.46	14530	100.00

Compare <school science> lessons in school\add sci instruct. My teachers treat me fairly.					
	EC011Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	11150	76.74	11150	76.74
1 More likely in my regular school lessons		1351	9.30	12501	86.04
2 No difference		1769	12.17	14270	98.21
3 More likely in my additional instruction		260	1.79	14530	100.00

Why do you attend additional science instruction in this school year? I want to learn more.					
	EC012Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	10245	70.51	10245	70.51
0 Not checked		2253	15.51	12498	86.02
1 Checked		2032	13.98	14530	100.00

Why do you attend additional science instruction in this school year? I want to prepare for exams.					
	EC012Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	10245	70.51	10245	70.51
0 Not checked		2282	15.71	12527	86.21
1 Checked		2003	13.79	14530	100.00

Why do you attend additional science instruction in this school year? I was attracted by the tutoring advertisement.					
	EC012Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	10245	70.51	10245	70.51
0 Not checked		3554	24.46	13799	94.97
1 Checked		731	5.03	14530	100.00

Why do you attend additional science instruction in this school year? My parents wanted me to attend.					
	EC012Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	10245	70.51	10245	70.51
0 Not checked		2901	19.97	13146	90.47
1 Checked		1384	9.53	14530	100.00

Why do you attend additional science instruction in this school year? Many of my friends are doing it.				
EC012Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3303	22.73	13548	93.24
1 Checked	982	6.76	14530	100.00

Why do you attend additional science instruction in this school year? My teachers recommend it.				
EC012Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3158	21.73	13403	92.24
1 Checked	1127	7.76	14530	100.00

Why do you attend additional science instruction in this school year? I want to improve my grades.				
EC012Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	2373	16.33	12618	86.84
1 Checked	1912	13.16	14530	100.00

Why do you attend additional science instruction in this school year? I need to improve my grades.				
EC012Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	2820	19.41	13065	89.92
1 Checked	1465	10.08	14530	100.00

Why do you attend additional science instruction in this school year? It is gratifying to study.				
EC012Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3336	22.96	13581	93.47
1 Checked	949	6.53	14530	100.00

Why do you attend additional science instruction in this school year? It looks good on a résumé.				
EC012Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3284	22.60	13529	93.11
1 Checked	1001	6.89	14530	100.00

Why do you attend additional science instruction in this school year? It is necessary for a job.				
EC012Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3189	21.95	13434	92.46
1 Checked	1096	7.54	14530	100.00

Why do you attend additional science instruction in this school year? Other reason.				
EC012Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10245	70.51	10245	70.51
0 Not checked	3379	23.26	13624	93.76
1 Checked	906	6.24	14530	100.00

Why don't you attend additional science in this school year? I don't need any additional science instruction.				
EC013Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	3634	25.01	10234	70.43
1 Checked	4296	29.57	14530	100.00

Why don't you attend additional science in this school year? None of the available offerings suit my needs.				
EC013Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	5891	40.54	12491	85.97
1 Checked	2039	14.03	14530	100.00

Why don't you attend additional science in this school year? Not many of my friends are doing it.				
EC013Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	6372	43.85	12972	89.28
1 Checked	1558	10.72	14530	100.00

Why don't you attend additional science in this school year? I don't have time.				
EC013Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	4963	34.16	11563	79.58
1 Checked	2967	20.42	14530	100.00

Why don't you attend additional science in this school year? I don't have the money.				
EC013Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	6445	44.36	13045	89.78
1 Checked	1485	10.22	14530	100.00

Why don't you attend additional science in this school year? My school teachers are knowledgeable enough.				
EC013Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	5346	36.79	11946	82.22
1 Checked	2584	17.78	14530	100.00

Why don't you attend additional science in this school year? My parents don't want me to do it.				
EC013Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	7494	51.58	14094	97.00
1 Checked	436	3.00	14530	100.00

Why don't you attend additional science in this school year? It doesnt seem worth the money.				
EC013Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	6230	42.88	12830	88.30
1 Checked	1700	11.70	14530	100.00

Why don't you attend additional science in this school year? My teachers say it is not useful.				
EC013Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	7603	52.33	14203	97.75
1 Checked	327	2.25	14530	100.00

Why don't you attend additional science in this school year? I have never considered add. science instruction.				
EC013Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	4786	32.94	11386	78.36
1 Checked	3144	21.64	14530	100.00

Why don't you attend additional science in this school year? Add. science instruction not avail. where I live.				
EC013Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	7148	49.19	13748	94.62
1 Checked	782	5.38	14530	100.00

Why don't you attend additional science in this school year? My family helps me instead.				
EC013Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	6252	43.03	12852	88.45
1 Checked	1678	11.55	14530	100.00

Why don't you attend additional science in this school year? My peers and friends help me instead.				
EC013Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6600	45.42	6600	45.42
0 Not checked	5931	40.82	12531	86.24
1 Checked	1999	13.76	14530	100.00

Section 7B: Additional instruction in mathematics

What does additional math cover? Content covered in regular school courses				
EC014Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9834	67.68	9834	67.68
1 Yes	4116	28.33	13950	96.01
2 No	580	3.99	14530	100.00

What does additional math cover? New or additional content notcovered in regular school courses				
EC014Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10501	72.27	10501	72.27
1 Yes	1807	12.44	12308	84.71
2 No	2222	15.29	14530	100.00

Which math instruction do you participate? One-on-one tutoring with a person				
EC015Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	3909	26.90	12794	88.05
1 Checked	1736	11.95	14530	100.00

Which math instruction do you participate? Internet tutoring with a person (including e.g. <Skype>)				
EC015Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	5162	35.53	14047	96.68
1 Checked	483	3.32	14530	100.00

Which math instruction do you participate? Internet or computer tutoring with a programme or application				
EC015Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	4930	33.93	13815	95.08
1 Checked	715	4.92	14530	100.00

Which math instruction do you participate? Live instruction by a person				
EC015Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	4502	30.98	13387	92.13
1 Checked	1143	7.87	14530	100.00

Which math instruction do you participate? Video-recorded instruction by a person				
EC015Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	5144	35.40	14029	96.55
1 Checked	501	3.45	14530	100.00

Which math instruction do you participate? Small group study or practice (2 to 7 students)				
EC015Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	4202	28.92	13087	90.07
1 Checked	1443	9.93	14530	100.00

Which math instruction do you participate? Large group study or practice (8 or more students)				
EC015Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	4653	32.02	13538	93.17
1 Checked	992	6.83	14530	100.00

Which math instruction do you participate? Other additional mathematics instruction				
EC015Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8885	61.15	8885	61.15
0 Not checked	4750	32.69	13635	93.84
1 Checked	895	6.16	14530	100.00

Where do you attend this additional mathematics instruction? In my regular school building				
EC017Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8911	61.33	8911	61.33
0 Not checked	2583	17.78	11494	79.11
1 Checked	3036	20.89	14530	100.00

Where do you attend this additional mathematics instruction? At some other place, i.e., not in my regular school				
EC017Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8911	61.33	8911	61.33
0 Not checked	3940	27.12	12851	88.44
1 Checked	1679	11.56	14530	100.00

The teacher is one of my regular teachers in this years school courses. (mathematics)				
EC018Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8926	61.43	8926	61.43
0 Not checked	3044	20.95	11970	82.38
1 Checked	2560	17.62	14530	100.00

The teacher regularly teaches students my age in school but is not my teacher in any of my regular school courses. (m				
EC018Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8926	61.43	8926	61.43
0 Not checked	4238	29.17	13164	90.60
1 Checked	1366	9.40	14530	100.00

The teacher mainly works for a business or organisation specialised in additional instruction. (mathematics)				
EC018Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8926	61.43	8926	61.43
0 Not checked	4631	31.87	13557	93.30
1 Checked	973	6.70	14530	100.00

The teacher is not specialised teaching personnel (e.g. a student). (mathematics)				
EC018Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8926	61.43	8926	61.43
0 Not checked	4652	32.02	13578	93.45
1 Checked	952	6.55	14530	100.00

My teacher does a lot to help me.					
	EC019Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	10325	71.06	10325	71.06
1 More likely in my regular school lessons		1700	11.70	12025	82.76
2 No difference		1792	12.33	13817	95.09
3 More likely in my additional instruction		713	4.91	14530	100.00

My teacher is pleased when I come up with new solutions to a problem.					
	EC019Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	10398	71.56	10398	71.56
1 More likely in my regular school lessons		1484	10.21	11882	81.78
2 No difference		2159	14.86	14041	96.63
3 More likely in my additional instruction		489	3.37	14530	100.00

My teacher gives hints or offers strategies that help me to solve a task.					
	EC019Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	10406	71.62	10406	71.62
1 More likely in my regular school lessons		1541	10.61	11947	82.22
2 No difference		1924	13.24	13871	95.46
3 More likely in my additional instruction		659	4.54	14530	100.00

My teacher helps me to find ways how to solve a problem.					
	EC019Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10427	71.76	10427	71.76
1 More likely in my regular school lessons		1515	10.43	11942	82.19
2 No difference		1942	13.37	13884	95.55
3 More likely in my additional instruction		646	4.45	14530	100.00

Once we identify why I have a certain problem, my teacher provides me with a working strategy.					
	EC019Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10445	71.89	10445	71.89
1 More likely in my regular school lessons		1469	10.11	11914	82.00
2 No difference		1942	13.37	13856	95.36
3 More likely in my additional instruction		674	4.64	14530	100.00

My teacher adapts the content and method to my needs.					
	EC019Q14NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10464	72.02	10464	72.02
1 More likely in my regular school lessons		1402	9.65	11866	81.67
2 No difference		1929	13.28	13795	94.94
3 More likely in my additional instruction		735	5.06	14530	100.00

Where do math situations occur? It takes a long time until I have gathered all the material to get started.					
	EC020Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10469	72.05	10469	72.05
1 More likely in my regular school lessons		1210	8.33	11679	80.38
2 No difference		2618	18.02	14297	98.40
3 More likely in my additional instruction		233	1.60	14530	100.00

Where do math situations occur? I talk about things that don't have anything to do with our tasks\topic.					
	EC020Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10530	72.47	10530	72.47
1 More likely in my regular school lessons		1233	8.49	11763	80.96
2 No difference		2446	16.83	14209	97.79
3 More likely in my additional instruction		321	2.21	14530	100.00

Where do math situations occur? My teacher summarises the learning content I have covered.					
	EC020Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10541	72.55	10541	72.55
1 More likely in my regular school lessons		1194	8.22	11735	80.76
2 No difference		2363	16.26	14098	97.03
3 More likely in my additional instruction		432	2.97	14530	100.00

Where do math situations occur? My teacher points out the most important aspects of a topic.					
	EC020Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10557	72.66	10557	72.66
1 More likely in my regular school lessons		1280	8.81	11837	81.47
2 No difference		2240	15.42	14077	96.88
3 More likely in my additional instruction		453	3.12	14530	100.00

Where do math situations occur? I am often bored.					
	EC020Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10560	72.68	10560	72.68
1 More likely in my regular school lessons		1233	8.49	11793	81.16
2 No difference		2456	16.90	14249	98.07
3 More likely in my additional instruction		281	1.93	14530	100.00

Where do math situations occur? It takes very long until I am ready to get started.					
	EC020Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10585	72.85	10585	72.85
1 More likely in my regular school lessons		988	6.80	11573	79.65
2 No difference		2700	18.58	14273	98.23
3 More likely in my additional instruction		257	1.77	14530	100.00

Where do math situations occur? My teacher tells me what I should learn in a certain activity.					
	EC020Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10585	72.85	10585	72.85
1 More likely in my regular school lessons		1180	8.12	11765	80.97
2 No difference		2336	16.08	14101	97.05
3 More likely in my additional instruction		429	2.95	14530	100.00

Where do math situations occur? My teacher points out the broader context of a learning unit.					
	EC020Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10622	73.10	10622	73.10
1 More likely in my regular school lessons		1181	8.13	11803	81.23
2 No difference		2296	15.80	14099	97.03
3 More likely in my additional instruction		431	2.97	14530	100.00

I get along well with my teachers.					
	EC021Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10406	71.62	10406	71.62
1 More likely in my regular school lessons		1565	10.77	11971	82.39
2 No difference		2056	14.15	14027	96.54
3 More likely in my additional instruction		503	3.46	14530	100.00

My teachers are interested in my well-being.					
	EC021Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10461	72.00	10461	72.00
1 More likely in my regular school lessons		1371	9.44	11832	81.43
2 No difference		2227	15.33	14059	96.76
3 More likely in my additional instruction		471	3.24	14530	100.00

My teachers really listen to what I have to say.					
	EC021Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10472	72.07	10472	72.07
1 More likely in my regular school lessons		1345	9.26	11817	81.33
2 No difference		2158	14.85	13975	96.18
3 More likely in my additional instruction		555	3.82	14530	100.00

If I need extra help, I will receive it from my teachers.					
	EC021Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10477	72.11	10477	72.11
1 More likely in my regular school lessons		1394	9.59	11871	81.70
2 No difference		2029	13.96	13900	95.66
3 More likely in my additional instruction		630	4.34	14530	100.00

My teachers treat me fairly.					
	EC021Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		10504	72.29	10504	72.29
1 More likely in my regular school lessons		1388	9.55	11892	81.84
2 No difference		2220	15.28	14112	97.12
3 More likely in my additional instruction		418	2.88	14530	100.00

Why do you attend additional mathematics in this school year: I want to learn more.					
	EC022Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		9039	62.21	9039	62.21
0 Not checked		2777	19.11	11816	81.32
1 Checked		2714	18.68	14530	100.00

Why do you attend additional mathematics in this school year: I want to prepare for exams.					
	EC022Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		9039	62.21	9039	62.21
0 Not checked		2919	20.09	11958	82.30
1 Checked		2572	17.70	14530	100.00

Why do you attend additional mathematics in this school year: I was attracted by the tutoring advertis.				
EC022Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4717	32.46	13756	94.67
1 Checked	774	5.33	14530	100.00

Why do you attend additional mathematics in this school year: My parents wanted me to attend.				
EC022Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	3664	25.22	12703	87.43
1 Checked	1827	12.57	14530	100.00

Why do you attend additional mathematics in this school year: Many of my friends are doing it.				
EC022Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4476	30.81	13515	93.01
1 Checked	1015	6.99	14530	100.00

Why do you attend additional mathematics in this school year: My teachers recommend it.				
EC022Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4176	28.74	13215	90.95
1 Checked	1315	9.05	14530	100.00

Why do you attend additional mathematics in this school year: I want to improve my grades.				
EC022Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	2935	20.20	11974	82.41
1 Checked	2556	17.59	14530	100.00

Why do you attend additional mathematics in this school year: I need to improve my grades.				
EC022Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	3590	24.71	12629	86.92
1 Checked	1901	13.08	14530	100.00

Why do you attend additional mathematics in this school year: It is gratifying to study.				
EC022Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4441	30.56	13480	92.77
1 Checked	1050	7.23	14530	100.00

Why do you attend additional mathematics in this school year: It looks good on a résumé.				
EC022Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4446	30.60	13485	92.81
1 Checked	1045	7.19	14530	100.00

Why do you attend additional mathematics in this school year: It is necessary for a job.				
EC022Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4202	28.92	13241	91.13
1 Checked	1289	8.87	14530	100.00

Why do you attend additional mathematics in this school year: Other reason.				
EC022Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9039	62.21	9039	62.21
0 Not checked	4518	31.09	13557	93.30
1 Checked	973	6.70	14530	100.00

Why don't you attend additional mathematics in this school year: I don't need any add math instruction.				
EC023Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	3715	25.57	11801	81.22
1 Checked	2729	18.78	14530	100.00

Why don't you attend additional mathematics in this school year: None of the offerings suit my needs.				
EC023Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	5565	38.30	13651	93.95
1 Checked	879	6.05	14530	100.00

Why don't you attend additional mathematics in this school year: Not many of my friends are doing it.				
EC023Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	5604	38.57	13690	94.22
1 Checked	840	5.78	14530	100.00

Why don't you attend additional mathematics in this school year: I don't have time.				
EC023Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	4397	30.26	12483	85.91
1 Checked	2047	14.09	14530	100.00

Why don't you attend additional mathematics in this school year: I don't have the money.				
EC023Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	5502	37.87	13588	93.52
1 Checked	942	6.48	14530	100.00

Why don't you attend additional mathematics in this school year: My teachers are knowledgeable enough.				
EC023Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	4680	32.21	12766	87.86
1 Checked	1764	12.14	14530	100.00

Why don't you attend additional mathematics in this school year: My parents don't want me to do it.				
EC023Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	6228	42.86	14314	98.51
1 Checked	216	1.49	14530	100.00

Why don't you attend additional mathematics in this school year: It doesnt seem worth the money.				
EC023Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	5578	38.39	13664	94.04
1 Checked	866	5.96	14530	100.00

Why don't you attend additional mathematics in this school year: My teachers say it is not useful.				
EC023Q09NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	6277	43.20	14363	98.85
1 Checked	167	1.15	14530	100.00

Why don't you attend additional mathematics in this school year: I never considered add. math instruction.				
EC023Q10NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	4805	33.07	12891	88.72
1 Checked	1639	11.28	14530	100.00

Why don't you attend additional mathematics in this school year: Add. math instruc. not avail. where I live.				
EC023Q11NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	6069	41.77	14155	97.42
1 Checked	375	2.58	14530	100.00

Why don't you attend additional mathematics in this school year: My family helps me instead.				
EC023Q12NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	4790	32.97	12876	88.62
1 Checked	1654	11.38	14530	100.00

Why don't you attend additional mathematics in this school year: My peers and friends help me instead.				
EC023Q13NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8086	55.65	8086	55.65
0 Not checked	4784	32.92	12870	88.58
1 Checked	1660	11.42	14530	100.00

Section 7C: Additional instruction in English

Which type of add. <test language> instruct. do you participate in during this school year? One-on-one tutoring				
EC024Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	3794	26.11	13531	93.12
1 Checked	999	6.88	14530	100.00

Which type of add. <test language> instruct. do you participate in during this school year? Internet tutor.(<Skype>)				
EC024Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	4434	30.52	14171	97.53
1 Checked	359	2.47	14530	100.00

Which type of add.<test language> instruct. do you participate in during this school year? Internet\comp tutoring, ap				
EC024Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	4300	29.59	14037	96.61
1 Checked	493	3.39	14530	100.00

Which type of add.<test language> instruct. do you participate in during this school year? Live instruction				
EC024Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	3997	27.51	13734	94.52
1 Checked	796	5.48	14530	100.00

Which type of add.<test language> instruct. do you participate in during this school year? Video-recorded instruction				
EC024Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	4443	30.58	14180	97.59
1 Checked	350	2.41	14530	100.00

Which type of add. <test language> instruct. do you participate in during this school year? Small gp study\practice				
EC024Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	3859	26.56	13596	93.57
1 Checked	934	6.43	14530	100.00

Which type of add. <test language> instruct. do you participate in during this school year? Large group study\practic				
EC024Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	4134	28.45	13871	95.46
1 Checked	659	4.54	14530	100.00

Which type of add. <test language> instruct. do you participate in during this school year? Other add. <test language				
EC024Q08NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9737	67.01	9737	67.01
0 Not checked	4076	28.05	13813	95.07
1 Checked	717	4.93	14530	100.00

Where do you attend this additional <test language> instruction? In my regular school building				
EC026Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9753	67.12	9753	67.12
0 Not checked	2410	16.59	12163	83.71
1 Checked	2367	16.29	14530	100.00

Where do you attend this additional <test language> instruction? At some other place, i.e., not regular school build				
EC026Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9753	67.12	9753	67.12
0 Not checked	3856	26.54	13609	93.66
1 Checked	921	6.34	14530	100.00

The Teacher is one of my regular teachers in this years school courses. (test language)				
EC027Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9762	67.19	9762	67.19
0 Not checked	2728	18.77	12490	85.96
1 Checked	2040	14.04	14530	100.00

The teacher regularly teaches students my age in school but is not my teacher in any of my regular school courses. (t				
EC027Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9762	67.19	9762	67.19
0 Not checked	3862	26.58	13624	93.76
1 Checked	906	6.24	14530	100.00

The teacher mainly works for a business or organisation specialised in additional instruction. (test language)				
EC027Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9762	67.19	9762	67.19
0 Not checked	4078	28.07	13840	95.25
1 Checked	690	4.75	14530	100.00

The teacher is not specialised teaching personnel (e.g. a student). (test language)				
EC027Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9762	67.19	9762	67.19
0 Not checked	4115	28.32	13877	95.51
1 Checked	653	4.49	14530	100.00

Section 7D: Educational pathway

Did you attend additional instruction earlier in your education? In <ISCED 0>				
EC028Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	5705	39.26	5705	39.26
1 Yes	2301	15.84	8006	55.10
2 No	6524	44.90	14530	100.00

Did you attend additional instruction earlier in your education? In <ISCED 1>				
EC028Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	5371	36.96	5371	36.96
1 Yes	3768	25.93	9139	62.90
2 No	5391	37.10	14530	100.00

Did you attend additional instruction earlier in your education? In <ISCED 2>				
EC028Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	5593	38.49	5593	38.49
1 Yes	3643	25.07	9236	63.57
2 No	5294	36.43	14530	100.00

How many years altogether have you attended additional instruction? Years				
EC029Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9709	66.82	9709	66.82
0	455	3.13	10164	69.95
1	1017	7.00	11181	76.95
2	715	4.92	11896	81.87
3	446	3.07	12342	84.94
4	312	2.15	12654	87.09
5	243	1.67	12897	88.76
6	132	0.91	13029	89.67
7	130	0.89	13159	90.56
8	118	0.81	13277	91.38
9	143	0.98	13420	92.36
10	440	3.03	13860	95.39
11	278	1.91	14138	97.30
12	178	1.23	14316	98.53
13	66	0.45	14382	98.98
14	32	0.22	14414	99.20
15	51	0.35	14465	99.55
16	65	0.45	14530	100.00

How many years altogether have you attended additional instruction? Years					
N	Mean	Median	Std Dev	Minimum	Maximum
4821	4.75	3.00	4.31	0.00	16.00

In your family, who helps you regularly with your homework or private study? Mother or other female guardian				
EC030Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	5600	38.54	5600	38.54
1 Yes	5669	39.02	11269	77.56
2 No	3261	22.44	14530	100.00

In your family, who helps you regularly with your homework or private study? Father or other male guardian				
EC030Q02NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	5953	40.97	5953	40.97
1 Yes	4662	32.09	10615	73.06
2 No	3915	26.94	14530	100.00

In your family, who helps you regularly with your homework or private study? Sister(s)\brother(s)				
EC030Q03NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6246	42.99	6246	42.99
1 Yes	3279	22.57	9525	65.55
2 No	5005	34.45	14530	100.00

In your family, who helps you regularly with your homework or private study? Grandparents				
EC030Q04NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6813	46.89	6813	46.89
1 Yes	1213	8.35	8026	55.24
2 No	6504	44.76	14530	100.00

In your family, who helps you regularly with your homework or private study? Other relatives				
EC030Q05NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6854	47.17	6854	47.17
1 Yes	1347	9.27	8201	56.44
2 No	6329	43.56	14530	100.00

In your family, who helps you regularly with your homework or private study? Nobody				
EC030Q06NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	6806	46.84	6806	46.84
1 Yes	2940	20.23	9746	67.08
2 No	4784	32.92	14530	100.00

In your family, who helps you regularly with your homework or private study? Other person				
EC030Q07NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	7024	48.34	7024	48.34
1 Yes	1993	13.72	9017	62.06
2 No	5513	37.94	14530	100.00

Did you change schools when you were attending <ISCED 1>?						
	EC031Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	.	4773	32.85	4773	32.85	
1 No, I attended all of <ISCED 1> at the same school.		5178	35.64	9951	68.49	
2 Yes, I changed schools once.		2627	18.08	12578	86.57	
3 Yes, I changed schools twice or more.		1952	13.43	14530	100.00	

Did you change schools when you were attending <ISCED 2>?						
	EC032Q01TA	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	.	4908	33.78	4908	33.78	
1 No, I attended all of <ISCED 2> at the same school.		6958	47.89	11866	81.67	
2 Yes, I changed schools once.		1875	12.90	13741	94.57	
3 Yes, I changed schools twice or more.		789	5.43	14530	100.00	

Have you ever changed your <study programme>?				
EC033Q01NA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	14530	100.00	14530	100.00

Student-level simple indices

Grade compared to modal grade in country				
GRADE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Simple indices	14530	100.00	14530	100.00

Grade compared to modal grade in country					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	0.03	0.00	0.51	-3.00	2.00

Age of student				
AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
15.25	220	1.51	220	1.51
15.33	1150	7.91	1370	9.43
15.42	1271	8.75	2641	18.18
15.5	1201	8.27	3842	26.44
15.58	1226	8.44	5068	34.88
15.67	1187	8.17	6255	43.05
15.75	1144	7.87	7399	50.92
15.83	1287	8.86	8686	59.78
15.92	1277	8.79	9963	68.57
16	1205	8.29	11168	76.86
16.08	1199	8.25	12367	85.11
16.17	1161	7.99	13528	93.10
16.25	963	6.63	14491	99.73
16.33	39	0.27	14530	100.00

Age of student					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	15.78	15.75	0.29	15.25	16.33

Mother's Education (ISCED)				
MISCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	882	6.07	882	6.07
0 None	94	0.65	976	6.72
1 ISCED 1	457	3.15	1433	9.86
2 ISCED 2	1819	12.52	3252	22.38
3 ISCED 3B, C	315	2.17	3567	24.55
4 ISCED 3A, ISCED 4	4303	29.61	7870	54.16
5 ISCED 5B	1801	12.40	9671	66.56
6 ISCED 5A, 6	4859	33.44	14530	100.00

Father's Education (ISCED)				
FISCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1299	8.94	1299	8.94
0 None	90	0.62	1389	9.56
1 ISCED 1	703	4.84	2092	14.40
2 ISCED 2	1962	13.50	4054	27.90
3 ISCED 3B, C	293	2.02	4347	29.92
4 ISCED 3A, ISCED 4	4816	33.15	9163	63.06
5 ISCED 5B	1202	8.27	10365	71.34
6 ISCED 5A, 6	4165	28.66	14530	100.00

Highest Education of parents (ISCED)				
HISCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	698	4.80	698	4.80
0 None	39	0.27	737	5.07
1 ISCED 1	213	1.47	950	6.54
2 ISCED 2	969	6.67	1919	13.21
3 ISCED 3B, C	202	1.39	2121	14.60
4 ISCED 3A, ISCED 4	4303	29.61	6424	44.21
5 ISCED 5B	1870	12.87	8294	57.08
6 ISCED 5A, 6	6236	42.92	14530	100.00

Index highest parental education in years of schooling				
PARED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	698	4.80	698	4.80
3	39	0.27	737	5.07
6	213	1.47	950	6.54
10	969	6.67	1919	13.21
11	202	1.39	2121	14.60
12	4303	29.61	6424	44.21
14	1870	12.87	8294	57.08
15	6236	42.92	14530	100.00

Index highest parental education in years of schooling					
N	Mean	Median	Std Dev	Minimum	Maximum
13832	13.35	14.00	1.96	3.00	15.00

ISEI of mother					
BMMJ1	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2833	19.50	2833	19.50	
12-89 ISEI score	11697	80.50	14530	100.00	

ISEI of mother					
N	Mean	Median	Std Dev	Minimum	Maximum
11697	51.57	55.00	21.48	12.00	89.00

ISEI of father					
BFMJ2	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2743	18.88	2743	18.88	
11-89 ISEI score	11787	81.12	14530	100.00	

ISEI of father					
N	Mean	Median	Std Dev	Minimum	Maximum
11787	45.63	36.00	22.43	11.00	89.00

Index highest parental occupational status				
HISEI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1454	10.01	1454	10.01
11 to 89 ISEI score	13076	89.99	14530	100.00

Index highest parental occupational status					
N	Mean	Median	Std Dev	Minimum	Maximum
13076	56.58	62.00	20.99	11.00	89.00

Country of Birth National Categories- Father				
COBN_F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	659	4.54	659	4.54
Australia	9694	66.72	10353	71.25
China	248	1.71	10601	72.96
Greece	46	0.32	10647	73.28
India	157	1.08	10804	74.36
Italy	80	0.55	10884	74.91
New Zealand	464	3.19	11348	78.10
Philippines	180	1.24	11528	79.34
Vietnam	204	1.40	11732	80.74
United Kingdom (England)	719	4.95	12451	85.69
United Kingdom (Scotland)	89	0.61	12540	86.30
Another country (AUS)	1990	13.70	14530	100.00

Country of Birth National Categories- Mother				
COBN_M	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	535	3.68	535	3.68
Australia	10035	69.06	10570	72.75
China	265	1.82	10835	74.57
Greece	25	0.17	10860	74.74
India	146	1.00	11006	75.75
Italy	68	0.47	11074	76.21
New Zealand	414	2.85	11488	79.06
Philippines	278	1.91	11766	80.98
Vietnam	217	1.49	11983	82.47
United Kingdom (England)	603	4.15	12586	86.62
United Kingdom (Scotland)	75	0.52	12661	87.14
Another country (AUS)	1869	12.86	14530	100.00

Country of Birth National Categories- Self				
COBN_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	702	4.83	702	4.83
Australia	12145	83.59	12847	88.42
China	115	0.79	12962	89.21
Greece	6	0.04	12968	89.25
India	73	0.50	13041	89.75
Italy	12	0.08	13053	89.83
New Zealand	239	1.64	13292	91.48
Philippines	125	0.86	13417	92.34
Vietnam	29	0.20	13446	92.54
United Kingdom (England)	221	1.52	13667	94.06
United Kingdom (Scotland)	22	0.15	13689	94.21
Another country (AUS)	841	5.79	14530	100.00

Index Immigration status				
IMMIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	766	5.27	766	5.27
1 Native	10992	75.65	11758	80.92
2 Second-Generation	1349	9.28	13107	90.21
3 First-Generation	1423	9.79	14530	100.00

Immigrant Status_National definition					
	AUSIMMIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Aust-born stds (Std and both parents born in Aust)		8483	58.38	8483	58.38
2 First-generation stds (Std born in Aust with at least one parent born overseas)		3795	26.12	12278	84.50
3 Foreign-born stds (Stds and both parents all born overseas)		1465	10.08	13743	94.58
9 Missing		787	5.42	14530	100.00

Language at home (3-digit code)					
	LANGN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	454	3.12	454	3.12
	German	28	0.19	482	3.32
	Spanish	33	0.23	515	3.54
	Italian	30	0.21	545	3.75
	English	12580	86.58	13125	90.33
	Vietnamese	98	0.67	13223	91.00
	Hindi	53	0.36	13276	91.37
	Greek	28	0.19	13304	91.56
	Australian Languages	187	1.29	13491	92.85
	Arabic	75	0.52	13566	93.37
	Cantonese	89	0.61	13655	93.98
	Mandarin	114	0.78	13769	94.76
	Another language (AUS)	761	5.24	14530	100.00

COB_Student (major group)					
COBSTD_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Australia	12182	83.84	12182	83.84	
Norfolk Island	1	0.01	12183	83.85	
Australian ex. Terr.	1	0.01	12184	83.85	
New Zealand	243	1.67	12427	85.53	
New Caledonia	1	0.01	12428	85.53	
Papua New Guinea	23	0.16	12451	85.69	
Vanuatu	1	0.01	12452	85.70	
Kiribati	1	0.01	12453	85.71	
Cook islands	2	0.01	12455	85.72	
Fiji	15	0.10	12470	85.82	
Samoa	18	0.12	12488	85.95	
American Samoa	1	0.01	12489	85.95	
Tonga	2	0.01	12491	85.97	
England	223	1.53	12714	87.50	
Northern Ireland	4	0.03	12718	87.53	
Scotland	22	0.15	12740	87.68	
Wales	6	0.04	12746	87.72	
Ireland	16	0.11	12762	87.83	
Austria	1	0.01	12763	87.84	
Belgium	1	0.01	12764	87.85	
France	6	0.04	12770	87.89	
Germany	13	0.09	12783	87.98	
Netherlands	8	0.06	12791	88.03	
Denmark	1	0.01	12792	88.04	
Finland	2	0.01	12794	88.05	
Norway	3	0.02	12797	88.07	
Sweden	1	0.01	12798	88.08	
Italy	14	0.10	12812	88.18	
Malta	2	0.01	12814	88.19	
Portugal	1	0.01	12815	88.20	
Spain	2	0.01	12817	88.21	
Bosnia and Herzegovina	1	0.01	12818	88.22	
Croatia	2	0.01	12820	88.23	
Macedonia	3	0.02	12823	88.25	
Greece	7	0.05	12830	88.30	
Romania	3	0.02	12833	88.32	
Serbia	7	0.05	12840	88.37	
Hungary	2	0.01	12842	88.38	

COB_Student (major group)					
COBSTD_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Poland	1	0.01	12843	88.39	
Russian Federation	6	0.04	12849	88.43	
Ukraine	4	0.03	12853	88.46	
Egypt	10	0.07	12863	88.53	
Libya	1	0.01	12864	88.53	
Sudan	13	0.09	12877	88.62	
South Sudan	6	0.04	12883	88.66	
Bahrain	1	0.01	12884	88.67	
Iran	17	0.12	12901	88.79	
Iraq	13	0.09	12914	88.88	
Israel	3	0.02	12917	88.90	
Jordan	1	0.01	12918	88.91	
Kuwait	1	0.01	12919	88.91	
Lebanon	9	0.06	12928	88.97	
Saudi Arabia	10	0.07	12938	89.04	
Syria	1	0.01	12939	89.05	
Turkey	3	0.02	12942	89.07	
United Arab Emirates	12	0.08	12954	89.15	
Yemen	1	0.01	12955	89.16	
Myanmar	15	0.10	12970	89.26	
Cambodia	4	0.03	12974	89.29	
Laos	2	0.01	12976	89.30	
Thailand	29	0.20	13005	89.50	
Vietnam	29	0.20	13034	89.70	
Brunei Darussalam	2	0.01	13036	89.72	
Indonesia	21	0.14	13057	89.86	
Malaysia	31	0.21	13088	90.08	
Philippines	126	0.87	13214	90.94	
Singapore	33	0.23	13247	91.17	
Timor-Leste	1	0.01	13248	91.18	
China	115	0.79	13363	91.97	
Hong Kong	14	0.10	13377	92.06	
Taiwan	7	0.05	13384	92.11	
Japan	14	0.10	13398	92.21	
Korea (North)	6	0.04	13404	92.25	
Korea (South)	36	0.25	13440	92.50	
Bangladesh	10	0.07	13450	92.57	
India	75	0.52	13525	93.08	

COB_Student (major group)					
COBSTD_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Nepal	12	0.08	13537	93.17	
Pakistan	17	0.12	13554	93.28	
Sri Lanka	27	0.19	13581	93.47	
Afghanistan	25	0.17	13606	93.64	
Kazakhstan	2	0.01	13608	93.65	
Kyrgyzstan	2	0.01	13610	93.67	
Bermuda	1	0.01	13611	93.68	
Canada	13	0.09	13624	93.76	
United States of America	55	0.38	13679	94.14	
Argentina	1	0.01	13680	94.15	
Bolivia	1	0.01	13681	94.16	
Brazil	4	0.03	13685	94.18	
Chile	2	0.01	13687	94.20	
Colombia	1	0.01	13688	94.21	
Ecuador	2	0.01	13690	94.22	
Falkland Islands	1	0.01	13691	94.23	
Paraguay	1	0.01	13692	94.23	
Peru	1	0.01	13693	94.24	
South America	2	0.01	13695	94.25	
Mexico	2	0.01	13697	94.27	
Bahamas	1	0.01	13698	94.27	
Barbados	1	0.01	13699	94.28	
Cayman Islands	1	0.01	13700	94.29	
Central African Republic	2	0.01	13702	94.30	
Congo	6	0.04	13708	94.34	
Ghana	4	0.03	13712	94.37	
Guinea	3	0.02	13715	94.39	
Sierra Leone	1	0.01	13716	94.40	
Botswana	2	0.01	13718	94.41	
Burundi	3	0.02	13721	94.43	
Eritrea	2	0.01	13723	94.45	
Ethiopia	6	0.04	13729	94.49	
Kenya	19	0.13	13748	94.62	
Mauritius	7	0.05	13755	94.67	
Seychelles	1	0.01	13756	94.67	
Somalia	1	0.01	13757	94.68	
South Africa	88	0.61	13845	95.29	
Tanzania	10	0.07	13855	95.35	

COB_Student (major group)					
COBSTD_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Uganda	8	0.06	13863	95.41	
Zambia	2	0.01	13865	95.42	
Zimbabwe	14	0.10	13879	95.52	
South & Eastern Africa	11	0.08	13890	95.60	
9999 Missing	640	4.40	14530	100.00	

COB_Student (minor group)					
COBSTD_MINORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Australia	12184	83.85	12184	83.85	
New Zealand	243	1.67	12427	85.53	
Melanesia	25	0.17	12452	85.70	
Micronesia	1	0.01	12453	85.71	
Polynesia	38	0.26	12491	85.97	
UK, Channel Islands and Isle of Man	255	1.75	12746	87.72	
Ireland	16	0.11	12762	87.83	
Western Europe	29	0.20	12791	88.03	
Northern Europe	7	0.05	12798	88.08	
Southern Europe	19	0.13	12817	88.21	
South Eastern Europe	23	0.16	12840	88.37	
Eastern Europe	13	0.09	12853	88.46	
North Africa	30	0.21	12883	88.66	
Middle East	73	0.50	12956	89.17	
Mainland South-East Asia	79	0.54	13035	89.71	
Maritime South-East Asia	214	1.47	13249	91.18	
Chinese Asia	136	0.94	13385	92.12	
Japan and the Koreas	56	0.39	13441	92.51	
Southern Asia	141	0.97	13582	93.48	
Central Asia	29	0.20	13611	93.68	
Northern America	69	0.47	13680	94.15	
South America	16	0.11	13696	94.26	
Central America	2	0.01	13698	94.27	
Caribbean	3	0.02	13701	94.29	
Central and West Africa	16	0.11	13717	94.40	
Southern and East Africa	173	1.19	13890	95.60	
99 Missing	640	4.40	14530	100.00	

COB_Mother (major group)					
COBMTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Australia	10043	69.12	10043	69.12	
Norfolk Island	1	0.01	10044	69.13	
Australian ex. Terr.	1	0.01	10045	69.13	
New Zealand	420	2.89	10465	72.02	
New Caledonia	2	0.01	10467	72.04	
Papua New Guinea	63	0.43	10530	72.47	
Solomon Islands	1	0.01	10531	72.48	
Vanuatu	1	0.01	10532	72.48	
Kiribati	2	0.01	10534	72.50	
Nauru	1	0.01	10535	72.51	
Cook islands	9	0.06	10544	72.57	
Fiji	49	0.34	10593	72.90	
Samoa	63	0.43	10656	73.34	
American Samoa	1	0.01	10657	73.34	
Tonga	24	0.17	10681	73.51	
Tuvalu	2	0.01	10683	73.52	
England	605	4.16	11288	77.69	
Isle of Man	1	0.01	11289	77.69	
Northern Ireland	5	0.03	11294	77.73	
Scotland	76	0.52	11370	78.25	
Wales	13	0.09	11383	78.34	
Ireland	45	0.31	11428	78.65	
Austria	5	0.03	11433	78.69	
Belgium	3	0.02	11436	78.71	
France	23	0.16	11459	78.86	
Germany	58	0.40	11517	79.26	
Netherlands	24	0.17	11541	79.43	
Switzerland	10	0.07	11551	79.50	
Denmark	5	0.03	11556	79.53	
Finland	2	0.01	11558	79.55	
Norway	3	0.02	11561	79.57	
Sweden	4	0.03	11565	79.59	
Italy	70	0.48	11635	80.08	
Malta	7	0.05	11642	80.12	
Portugal	12	0.08	11654	80.21	
Spain	12	0.08	11666	80.29	
Albania	1	0.01	11667	80.30	
Bosnia and Herzegovina	1	0.01	11668	80.30	

COB_Mother (major group)					
COBMTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Croatia	21	0.14	11689	80.45	
Cyprus	4	0.03	11693	80.47	
Macedonia	15	0.10	11708	80.58	
Greece	27	0.19	11735	80.76	
Romania	10	0.07	11745	80.83	
Montenegro	1	0.01	11746	80.84	
Serbia	21	0.14	11767	80.98	
Belarus	1	0.01	11768	80.99	
Czech Republic	4	0.03	11772	81.02	
Hungary	7	0.05	11779	81.07	
Poland	13	0.09	11792	81.16	
Russian Federation	20	0.14	11812	81.29	
Slovakia	2	0.01	11814	81.31	
Ukraine	3	0.02	11817	81.33	
Egypt	14	0.10	11831	81.42	
Libya	1	0.01	11832	81.43	
Sudan	23	0.16	11855	81.59	
South Sudan	14	0.10	11869	81.69	
Iran	20	0.14	11889	81.82	
Iraq	26	0.18	11915	82.00	
Israel	3	0.02	11918	82.02	
Jordan	2	0.01	11920	82.04	
Kuwait	4	0.03	11924	82.06	
Lebanon	75	0.52	11999	82.58	
Qatar	1	0.01	12000	82.59	
Saudi Arabia	5	0.03	12005	82.62	
Syria	12	0.08	12017	82.70	
Turkey	22	0.15	12039	82.86	
United Arab Emirates	2	0.01	12041	82.87	
Myanmar	36	0.25	12077	83.12	
Cambodia	34	0.23	12111	83.35	
Laos	16	0.11	12127	83.46	
Thailand	37	0.25	12164	83.72	
Vietnam	222	1.53	12386	85.24	
Brunei Darussalam	1	0.01	12387	85.25	
Indonesia	49	0.34	12436	85.59	
Malaysia	79	0.54	12515	86.13	
Philippines	281	1.93	12796	88.07	

COB_Mother (major group)					
COBMTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Singapore	34	0.23	12830	88.30	
Timor-Leste	16	0.11	12846	88.41	
China	266	1.83	13112	90.24	
Hong Kong	19	0.13	13131	90.37	
Macau	1	0.01	13132	90.38	
Mongolia	1	0.01	13133	90.39	
Taiwan	14	0.10	13147	90.48	
Japan	24	0.17	13171	90.65	
Korea (North)	12	0.08	13183	90.73	
Korea (South)	51	0.35	13234	91.08	
Bangladesh	22	0.15	13256	91.23	
Bhutan	7	0.05	13263	91.28	
India	151	1.04	13414	92.32	
Nepal	6	0.04	13420	92.36	
Pakistan	22	0.15	13442	92.51	
Sri Lanka	67	0.46	13509	92.97	
Afghanistan	43	0.30	13552	93.27	
Kazakhstan	1	0.01	13553	93.28	
Kyrgyzstan	2	0.01	13555	93.29	
Uzbekistan	3	0.02	13558	93.31	
Canada	34	0.23	13592	93.54	
United States of America	49	0.34	13641	93.88	
Argentina	9	0.06	13650	93.94	
Bolivia	1	0.01	13651	93.95	
Brazil	6	0.04	13657	93.99	
Chile	20	0.14	13677	94.13	
Colombia	3	0.02	13680	94.15	
Ecuador	3	0.02	13683	94.17	
Paraguay	1	0.01	13684	94.18	
Peru	3	0.02	13687	94.20	
Uruguay	8	0.06	13695	94.25	
South America	4	0.03	13699	94.28	
Costa Rica	1	0.01	13700	94.29	
El Salvador	6	0.04	13706	94.33	
Mexico	5	0.03	13711	94.36	
Bahamas	1	0.01	13712	94.37	
Dominican Republic	1	0.01	13713	94.38	
Central African Republic	1	0.01	13714	94.38	

COB_Mother (major group)					
COBMTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Congo	9	0.06	13723	94.45	
Ghana	6	0.04	13729	94.49	
Liberia	1	0.01	13730	94.49	
Sierra Leone	3	0.02	13733	94.51	
Angola	1	0.01	13734	94.52	
Botswana	2	0.01	13736	94.54	
Burundi	8	0.06	13744	94.59	
Eritrea	9	0.06	13753	94.65	
Ethiopia	13	0.09	13766	94.74	
Kenya	12	0.08	13778	94.82	
Madagascar	2	0.01	13780	94.84	
Malawi	2	0.01	13782	94.85	
Mauritius	16	0.11	13798	94.96	
Rwanda	1	0.01	13799	94.97	
Seychelles	2	0.01	13801	94.98	
Somalia	15	0.10	13816	95.09	
South Africa	123	0.85	13939	95.93	
Tanzania	4	0.03	13943	95.96	
Uganda	3	0.02	13946	95.98	
Zambia	4	0.03	13950	96.01	
Zimbabwe	19	0.13	13969	96.14	
South & Eastern Africa	17	0.12	13986	96.26	
9999 Missing	544	3.74	14530	100.00	

COB_Mother (minor group)					
COBMTH_MINORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Australia	10045	69.13	10045	69.13	
New Zealand	420	2.89	10465	72.02	
Melanesia	67	0.46	10532	72.48	
Micronesia	3	0.02	10535	72.51	
Polynesia	148	1.02	10683	73.52	
UK, Channel Islands and Isle of Man	700	4.82	11383	78.34	
Ireland	45	0.31	11428	78.65	
Western Europe	123	0.85	11551	79.50	
Northern Europe	14	0.10	11565	79.59	
Southern Europe	101	0.70	11666	80.29	
South Eastern Europe	101	0.70	11767	80.98	
Eastern Europe	50	0.34	11817	81.33	
North Africa	52	0.36	11869	81.69	
Middle East	172	1.18	12041	82.87	
Mainland South-East Asia	345	2.37	12386	85.24	
Maritime South-East Asia	460	3.17	12846	88.41	
Chinese Asia	301	2.07	13147	90.48	
Japan and the Koreas	87	0.60	13234	91.08	
Southern Asia	275	1.89	13509	92.97	
Central Asia	49	0.34	13558	93.31	
Northern America	83	0.57	13641	93.88	
South America	58	0.40	13699	94.28	
Central America	12	0.08	13711	94.36	
Caribbean	2	0.01	13713	94.38	
Central and West Africa	20	0.14	13733	94.51	
Southern and East Africa	253	1.74	13986	96.26	
99 Missing	544	3.74	14530	100.00	

COB_Father (major group)				
COBFTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Australia	9701	66.77	9701	66.77
Australian ex. Terr.	6	0.04	9707	66.81
New Zealand	465	3.20	10172	70.01
New Caledonia	3	0.02	10175	70.03
Papua New Guinea	37	0.25	10212	70.28
Solomon Islands	1	0.01	10213	70.29
Guam	1	0.01	10214	70.30
Kiribati	1	0.01	10215	70.30
Cook islands	9	0.06	10224	70.36
Fiji	58	0.40	10282	70.76
Niue	2	0.01	10284	70.78
Samoa	86	0.59	10370	71.37
Tonga	29	0.20	10399	71.57
2016	24	0.17	10423	71.73
England	727	5.00	11150	76.74
Northern Ireland	9	0.06	11159	76.80
Scotland	90	0.62	11249	77.42
Ireland	61	0.42	11310	77.84
Austria	8	0.06	11318	77.89
Belgium	7	0.05	11325	77.94
France	26	0.18	11351	78.12
Germany	51	0.35	11402	78.47
Netherlands	44	0.30	11446	78.77
Switzerland	6	0.04	11452	78.82
Denmark	3	0.02	11455	78.84
Finland	4	0.03	11459	78.86
Iceland	1	0.01	11460	78.87
Norway	3	0.02	11463	78.89
Sweden	5	0.03	11468	78.93
Italy	82	0.56	11550	79.49
Malta	9	0.06	11559	79.55
Portugal	15	0.10	11574	79.66
Spain	10	0.07	11584	79.72
Albania	1	0.01	11585	79.73
Bosnia and Herzegovina	16	0.11	11601	79.84
Croatia	25	0.17	11626	80.01
Cyprus	7	0.05	11633	80.06
Macedonia	16	0.11	11649	80.17

COB_Father (major group)					
COBFTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Greece	47	0.32	11696	80.50	
Moldova	1	0.01	11697	80.50	
Romania	8	0.06	11705	80.56	
Slovenia	3	0.02	11708	80.58	
Montenegro	2	0.01	11710	80.59	
Serbia	26	0.18	11736	80.77	
Belarus	1	0.01	11737	80.78	
Czech Republic	8	0.06	11745	80.83	
Hungary	9	0.06	11754	80.89	
Poland	21	0.14	11775	81.04	
Russian Federation	12	0.08	11787	81.12	
Slovakia	3	0.02	11790	81.14	
Ukraine	4	0.03	11794	81.17	
Egypt	19	0.13	11813	81.30	
Libya	2	0.01	11815	81.31	
Sudan	27	0.19	11842	81.50	
South Sudan	15	0.10	11857	81.60	
Iran	23	0.16	11880	81.76	
Iraq	29	0.20	11909	81.96	
Israel	9	0.06	11918	82.02	
Jordan	5	0.03	11923	82.06	
Kuwait	4	0.03	11927	82.09	
Lebanon	97	0.67	12024	82.75	
Qatar	1	0.01	12025	82.76	
Saudi Arabia	2	0.01	12027	82.77	
Syria	10	0.07	12037	82.84	
Turkey	26	0.18	12063	83.02	
United Arab Emirates	1	0.01	12064	83.03	
Yemen	1	0.01	12065	83.04	
Myanmar	32	0.22	12097	83.26	
Cambodia	39	0.27	12136	83.52	
Laos	11	0.08	12147	83.60	
Thailand	23	0.16	12170	83.76	
Vietnam	210	1.45	12380	85.20	
Indonesia	34	0.23	12414	85.44	
Malaysia	76	0.52	12490	85.96	
Philippines	181	1.25	12671	87.21	
Singapore	28	0.19	12699	87.40	

COB_Father (major group)					
COBFTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Timor-Leste	15	0.10	12714	87.50	
China	250	1.72	12964	89.22	
Hong Kong	17	0.12	12981	89.34	
Macau	1	0.01	12982	89.35	
Taiwan	10	0.07	12992	89.42	
Japan	11	0.08	13003	89.49	
Korea (North)	10	0.07	13013	89.56	
Korea (South)	42	0.29	13055	89.85	
Bangladesh	20	0.14	13075	89.99	
Bhutan	7	0.05	13082	90.03	
India	160	1.10	13242	91.14	
Nepal	6	0.04	13248	91.18	
Pakistan	23	0.16	13271	91.34	
Sri Lanka	70	0.48	13341	91.82	
Afghanistan	43	0.30	13384	92.11	
Armenia	1	0.01	13385	92.12	
Kazakhstan	1	0.01	13386	92.13	
Kyrgyzstan	1	0.01	13387	92.13	
Uzbekistan	1	0.01	13388	92.14	
Canada	31	0.21	13419	92.35	
United States of America	58	0.40	13477	92.75	
Argentina	11	0.08	13488	92.83	
Bolivia	1	0.01	13489	92.84	
Brazil	4	0.03	13493	92.86	
Chile	26	0.18	13519	93.04	
Colombia	4	0.03	13523	93.07	
Ecuador	1	0.01	13524	93.08	
Guyana	1	0.01	13525	93.08	
Paraguay	1	0.01	13526	93.09	
Peru	6	0.04	13532	93.13	
Uruguay	6	0.04	13538	93.17	
Venezuela	4	0.03	13542	93.20	
South America	5	0.03	13547	93.23	
El Salvador	5	0.03	13552	93.27	
Guatemala	1	0.01	13553	93.28	
Mexico	3	0.02	13556	93.30	
Jamaica	2	0.01	13558	93.31	
Trinidad and Tobago	2	0.01	13560	93.32	

COB_Father (major group)				
COBFTH_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Central African Republic	2	0.01	13562	93.34
Congo	4	0.03	13566	93.37
Ghana	5	0.03	13571	93.40
Guinea	2	0.01	13573	93.41
Sierra Leone	1	0.01	13574	93.42
Burundi	7	0.05	13581	93.47
Eritrea	9	0.06	13590	93.53
Ethiopia	12	0.08	13602	93.61
Kenya	12	0.08	13614	93.70
Mauritius	17	0.12	13631	93.81
Mozambique	1	0.01	13632	93.82
Namibia	1	0.01	13633	93.83
Rwanda	2	0.01	13635	93.84
Seychelles	1	0.01	13636	93.85
Somalia	14	0.10	13650	93.94
South Africa	128	0.88	13778	94.82
Tanzania	3	0.02	13781	94.85
Uganda	3	0.02	13784	94.87
Zambia	2	0.01	13786	94.88
Zimbabwe	26	0.18	13812	95.06
South & Eastern Africa	18	0.12	13830	95.18
9999 Missing	700	4.82	14530	100.00

COB_Father (minor group)					
COBFTH_MINORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Australia	9707	66.81	9707	66.81	
New Zealand	465	3.20	10172	70.01	
Melanesia	41	0.28	10213	70.29	
Micronesia	2	0.01	10215	70.30	
Polynesia	184	1.27	10399	71.57	
North West Europe	24	0.17	10423	71.73	
UK, Channel Islands and Isle of Man	826	5.68	11249	77.42	
Ireland	61	0.42	11310	77.84	
Western Europe	142	0.98	11452	78.82	
Northern Europe	16	0.11	11468	78.93	
Southern Europe	116	0.80	11584	79.72	
South Eastern Europe	152	1.05	11736	80.77	
Eastern Europe	58	0.40	11794	81.17	
North Africa	63	0.43	11857	81.60	
Middle East	208	1.43	12065	83.04	
Mainland South-East Asia	315	2.17	12380	85.20	
Maritime South-East Asia	334	2.30	12714	87.50	
Chinese Asia	278	1.91	12992	89.42	
Japan and the Koreas	63	0.43	13055	89.85	
Southern Asia	286	1.97	13341	91.82	
Central Asia	47	0.32	13388	92.14	
Northern America	89	0.61	13477	92.75	
South America	70	0.48	13547	93.23	
Central America	9	0.06	13556	93.30	
Caribbean	4	0.03	13560	93.32	
Central and West Africa	14	0.10	13574	93.42	
Southern and East Africa	256	1.76	13830	95.18	
99 Missing	700	4.82	14530	100.00	

Language spoken at home (major group)					
LANG_MAJORNAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
1101-9701 Language spoken at home	14082	96.92	14082	96.92	
9999 Missing	448	3.08	14530	100.00	

Language at home_National definition					
	LANGHOME	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	1 English spoken at home	12626	86.90	12626	86.90
	2 Language other than English spoken at home	1477	10.17	14103	97.06
	9 Missing	427	2.94	14530	100.00

Learning time (minutes per week) - <Mathematics>					
	MMINS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	1256	8.64	1256	8.64
	0-1650 Minutes	13274	91.36	14530	100.00

Learning time (minutes per week) - <Mathematics>						
N	Mean	Median	Std Dev	Minimum	Maximum	
13274	237.73	225.00	78.87	0.00	1650.00	

Learning time (minutes per week) - <test language>					
	LMINS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	1251	8.61	1251	8.61
	0-2380 Minutes	13279	91.39	14530	100.00

Learning time (minutes per week) - <test language>						
N	Mean	Median	Std Dev	Minimum	Maximum	
13279	236.17	225.00	85.06	0.00	2380.00	

Learning time (minutes per week) - <science>					
	SMINS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	.	1266	8.71	1266	8.71
	0-2080 Minutes	13264	91.29	14530	100.00

Learning time (minutes per week) - <science>						
N	Mean	Median	Std Dev	Minimum	Maximum	
13264	209.04	210.00	113.13	0.00	2080.00	

Learning time (minutes per week) - in total					
TMINS	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2004	13.79	2004	13.79	
20-3000 Minutes	12526	86.21	14530	100.00	

Learning time (minutes per week) - in total					
N	Mean	Median	Std Dev	Minimum	Maximum
12526	1543.48	1500.00	331.41	20.00	3000.00

Out-of-School Study Time per week (Sum)					
OUTHOURS	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	4186	28.81	4186	28.81	
0-70 Hours	10344	71.19	14530	100.00	

Out-of-School Study Time per week (Sum)					
N	Mean	Median	Std Dev	Minimum	Maximum
10344	16.84	15.00	12.18	0.00	70.00

Students' expected occupational status (SEI)					
BSMJ	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2528	17.40	2528	17.40	
10-89 ISEI score	12002	82.60	14530	100.00	

Students' expected occupational status (SEI)					
N	Mean	Median	Std Dev	Minimum	Maximum
12002	57.15	57.00	17.14	10.00	89.00

Duration in early childhood education and care					
	DURECEC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		3220	22.16	3220	22.16
0 Attended ECEC for less than a year		1128	7.76	4348	29.92
1 Attended ECEC for at least one but less than two years		4627	31.84	8975	61.77
2 Attended ECEC for at least two but less than three years		3680	25.33	12655	87.10
3 Attended ECEC for at least three but less than four years		1260	8.67	13915	95.77
4 Attended ECEC for at least four but less than five years		456	3.14	14371	98.91
5 Attended ECEC for at least five but less than six years		112	0.77	14483	99.68
6 Attended ECEC for at least six but less than seven years		35	0.24	14518	99.92
7 Attended ECEC for at least seven but less than eight years		7	0.05	14525	99.97
8 Attended ECEC for at least eight years		5	0.03	14530	100.00

Grade Repetition					
	REPEAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.		509	3.50	509	3.50
0 Did not repeat a <grade>		12910	88.85	13419	92.35
1 Repeated a <grade>		1111	7.65	14530	100.00

Unique national study programme code					
PROGN		Frequency	Percent	Cumulative Frequency	Cumulative Percent
Australia: Lower secondary general academic		11023	75.86	11023	75.86
Australia: Lower secondary with some VET subjects		1300	8.95	12323	84.81
Australia: Upper secondary general academic		1225	8.43	13548	93.24
Australia: Upper secondary with some VET subjects		693	4.77	14241	98.01
Australia: Upper secondary VET course		121	0.83	14362	98.84
Australia: Missing		168	1.16	14530	100.00

ISCED level				
ISCEDL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	168	1.16	168	1.16
2 ISCED level 2	12323	84.81	12491	85.97
3 ISCED level 3	2039	14.03	14530	100.00

ISCED designation				
ISCEDD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	168	1.16	168	1.16
1 A	14241	98.01	14409	99.17
2 B	121	0.83	14530	100.00

ISCED orientation				
ISCEDO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	168	1.16	168	1.16
1 General	12248	84.29	12416	85.45
2 Pre-Vocational	1993	13.72	14409	99.17
3 Vocational	121	0.83	14530	100.00

Total hours of additional instruction (Sum)				
HADDINST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	4724	32.51	4724	32.51
0-200 Hours	9806	67.49	14530	100.00

Total hours of additional instruction (Sum)					
N	Mean	Median	Std Dev	Minimum	Maximum
9806	19.77	12.00	27.02	0.00	200.00

Number of learning domains with additional instruction				
SADDINST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	4724	32.51	4724	32.51
0	654	4.50	5378	37.01
1	1897	13.06	7275	50.07
2	1306	8.99	8581	59.06
3	943	6.49	9524	65.55
4	940	6.47	10464	72.02
5	1070	7.36	11534	79.38
6	1127	7.76	12661	87.14
7	772	5.31	13433	92.45
8	390	2.68	13823	95.13
9	236	1.62	14059	96.76
10	471	3.24	14530	100.00

Number of learning domains with additional instruction					
N	Mean	Median	Std Dev	Minimum	Maximum
9806	3.93	4.00	2.77	0.00	10.00

Number of science disciplines and subjects with additional instruction (Sum)				
ADDSCIIN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11263	77.52	11263	77.52
0	548	3.77	11811	81.29
1	966	6.65	12777	87.94
2	515	3.54	13292	91.48
3	676	4.65	13968	96.13
4	562	3.87	14530	100.00

Number of science disciplines and subjects with additional instruction (Sum)					
N	Mean	Median	Std Dev	Minimum	Maximum
3267	1.92	2.00	1.36	0.00	4.00

Comparison science school lessons and additional instruction support (Mean)				
COMSCSUP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11004	75.73	11004	75.73
Simple indices	3526	24.27	14530	100.00

Comparison science school lessons and additional instruction support (Mean)					
N	Mean	Median	Std Dev	Minimum	Maximum
3526	-0.32	-0.17	0.59	-1.00	1.00

Comparison science school lessons and additional instruction structuredness lessons (Mean)				
COMSCSTRLE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11163	76.83	11163	76.83
Simple indices	3367	23.17	14530	100.00

Comparison science school lessons and additional instruction structuredness lessons (Mean)					
N	Mean	Median	Std Dev	Minimum	Maximum
3367	-0.23	0.00	0.46	-1.00	1.00

Comparison science school lessons and additional instruction structuredness content (Mean)				
COMSCSTRCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11189	77.01	11189	77.01
-1	735	5.06	11924	82.06
-0.75	174	1.20	12098	83.26
-0.67	14	0.10	12112	83.36
-0.5	260	1.79	12372	85.15
-0.33	17	0.12	12389	85.26
-0.25	212	1.46	12601	86.72
0	1529	10.52	14130	97.25
0.25	119	0.82	14249	98.07
0.33	8	0.06	14257	98.12
0.5	130	0.89	14387	99.02
0.67	5	0.03	14392	99.05
0.75	31	0.21	14423	99.26
1	107	0.74	14530	100.00

Comparison science school lessons and additional instruction structuredness content (Mean)					
N	Mean	Median	Std Dev	Minimum	Maximum
3341	-0.25	0.00	0.51	-1.00	1.00

Comparison science school lessons and additional instruction teacher-student relation				
COMSCTSREL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	11125	76.57	11125	76.57
Simple indices	3405	23.43	14530	100.00

Comparison science school lessons and additional instruction teacher-student relation					
N	Mean	Median	Std Dev	Minimum	Maximum
3405	-0.32	0.00	0.55	-1.00	1.00

Comparison mathematics school lessons and additional instruction support (Mean)				
COMMASUP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10384	71.47	10384	71.47
Simple indices	4146	28.53	14530	100.00

Comparison mathematics school lessons and additional instruction support (Mean)					
N	Mean	Median	Std Dev	Minimum	Maximum
4146	-0.21	0.00	0.61	-1.00	1.00

Comparison mathematics school lessons and additional instruction structuredness lessons (Mean)				
COMMASTRLE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10501	72.27	10501	72.27
Simple indices	4029	27.73	14530	100.00

Comparison mathematics school lessons and additional instruction structuredness lessons (Mean)					
N	Mean	Median	Std Dev	Minimum	Maximum
4029	-0.22	0.00	0.44	-1.00	1.00

Comparison mathematics school lessons and additional instruction structuredness content (Mean)					
COMMASTRCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	10528	72.46	10528	72.46	
-1	788	5.42	11316	77.88	
-0.75	198	1.36	11514	79.24	
-0.67	14	0.10	11528	79.34	
-0.5	263	1.81	11791	81.15	
-0.33	16	0.11	11807	81.26	
-0.25	220	1.51	12027	82.77	
0	1912	13.16	13939	95.93	
0.25	179	1.23	14118	97.16	
0.33	7	0.05	14125	97.21	
0.5	165	1.14	14290	98.35	
0.67	8	0.06	14298	98.40	
0.75	65	0.45	14363	98.85	
1	167	1.15	14530	100.00	

Comparison mathematics school lessons and additional instruction structuredness content (Mean)						
N	Mean	Median	Std Dev	Minimum	Maximum	
4002	-0.20	0.00	0.52	-1.00	1.00	

Comparison mathematics school lessons and additional instruction teacher-student relation					
COMMATSREL	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	10456	71.96	10456	71.96	
Simple indices	4074	28.04	14530	100.00	

Comparison mathematics school lessons and additional instruction teacher-student relation						
N	Mean	Median	Std Dev	Minimum	Maximum	
4074	-0.22	0.00	0.59	-1.00	1.00	

Number of school changes					
SCCHANGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	4632	31.88	4632	31.88	
0 no change	4457	30.67	9089	62.55	
1 one change	2524	17.37	11613	79.92	
2 two or more changes	2917	20.08	14530	100.00	

Number of changes in educational biography (Sum)					
CHANGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	4632	31.88	4632	31.88	
0	4457	30.67	9089	62.55	
1	2524	17.37	11613	79.92	
2	1836	12.64	13449	92.56	
3	536	3.69	13985	96.25	
4	545	3.75	14530	100.00	

Number of changes in educational biography (Sum)						
N	Mean	Median	Std Dev	Minimum	Maximum	
9898	1.01	1.00	1.16	0.00	4.00	

ICT available at Home Index (Sum)					
ICTHOME	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2491	17.14	2491	17.14	
0-11 Simple indices	12039	82.86	14530	100.00	

ICT available at Home Index (Sum)						
N	Mean	Median	Std Dev	Minimum	Maximum	
12039	8.84	9.00	1.64	0.00	11.00	

ICT available at School Index (Sum)					
ICTSCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2552	17.56	2552	17.56	
0-11 Simple indices	11978	82.44	14530	100.00	

ICT available at School Index (Sum)					
N	Mean	Median	Std Dev	Minimum	Maximum
11978	7.63	8.00	1.71	0.00	10.00

Student-level scale indices

Cultural possessions at home (WLE)				
CULTPOSS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	696	4.79	696	4.79
Scale indices	13834	95.21	14530	100.00

Cultural possessions at home (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13834	-0.01	-0.21	1.00	-1.71	2.62

Home educational resources (WLE)				
HEDRES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	526	3.62	526	3.62
Scale indices	14004	96.38	14530	100.00

Home educational resources (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
14004	-0.01	0.03	1.08	-4.39	1.18

Home possessions (WLE)				
HOMEPOS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	403	2.77	403	2.77
Scale indices	14127	97.23	14530	100.00

Home possessions (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
14127	0.48	0.51	0.98	-8.76	5.63

ICT Resources (WLE)				
ICTRES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	452	3.11	452	3.11
Scale indices	14078	96.89	14530	100.00

ICT Resources (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
14078	0.49	0.41	0.99	-3.27	3.50

Family wealth (WLE)				
WEALTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	433	2.98	433	2.98
Scale indices	14097	97.02	14530	100.00

Family wealth (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
14097	0.58	0.60	0.91	-6.98	4.43

Index of economic, social and cultural status (WLE)				
ESCS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	541	3.72	541	3.72
Scale indices	13989	96.28	14530	100.00

Index of economic, social and cultural status (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13989	0.19	0.28	0.82	-4.50	3.18

Subjective well-being: Sense of Belonging to School (WLE)				
BELONG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	745	5.13	745	5.13
Scale indices	13785	94.87	14530	100.00

Subjective well-being: Sense of Belonging to School (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13785	-0.16	-0.34	0.93	-3.15	2.61

Collaboration and teamwork dispositions: Enjoy cooperation (WLE)				
COOPERATE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	717	4.93	717	4.93
Scale indices	13813	95.07	14530	100.00

Collaboration and teamwork dispositions: Enjoy cooperation (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13813	0.05	-0.29	0.96	-3.33	2.29

Collaboration and teamwork dispositions: Value cooperation (WLE)				
CPSVALUE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	748	5.15	748	5.15
Scale indices	13782	94.85	14530	100.00

Collaboration and teamwork dispositions: Value cooperation (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13782	0.00	0.03	0.98	-2.83	2.14

Environmental Awareness (WLE)				
ENVAWARE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1923	13.23	1923	13.23
Scale indices	12607	86.77	14530	100.00

Environmental Awareness (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12607	0.05	-0.08	1.20	-3.44	3.29

Environmental optimism (WLE)				
ENVOPT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2019	13.90	2019	13.90
Scale indices	12511	86.10	14530	100.00

Environmental optimism (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12511	-0.21	-0.17	1.19	-1.79	3.01

Enjoyment of science (WLE)					
JOYSCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	1952	13.43	1952	13.43	
Scale indices	12578	86.57	14530	100.00	

Enjoyment of science (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12578	0.07	0.10	1.17	-2.12	2.16

Interest in broad science topics (WLE)					
INTBRSCI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	2282	15.71	2282	15.71	
Scale indices	12248	84.29	14530	100.00	

Interest in broad science topics (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12248	0.01	0.14	1.06	-2.58	2.60

Disciplinary climate in science classes (WLE)					
DISCLISCI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
.	3048	20.98	3048	20.98	
Scale indices	11482	79.02	14530	100.00	

Disciplinary climate in science classes (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11482	-0.24	-0.18	1.04	-2.42	1.88

Teacher support in a science classes of students choice (WLE)				
TEACHSUP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3294	22.67	3294	22.67
Scale indices	11236	77.33	14530	100.00

Teacher support in a science classes of students choice (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11236	0.22	0.20	0.98	-2.72	1.45

Inquiry-based science teaching an learning practices (WLE)				
IBTEACH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3211	22.10	3211	22.10
Scale indices	11319	77.90	14530	100.00

Inquiry-based science teaching an learning practices (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11319	0.18	0.19	0.85	-3.34	3.18

Teacher-directed science instruction (WLE)				
TDTEACH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3387	23.31	3387	23.31
Scale indices	11143	76.69	14530	100.00

Teacher-directed science instruction (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11143	0.25	0.26	0.99	-2.45	2.08

Perceived Feedback (WLE)				
PERFEED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3454	23.77	3454	23.77
Scale indices	11076	76.23	14530	100.00

Perceived Feedback (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11076	0.09	0.01	0.98	-1.53	2.50

Adaption of instruction (WLE)				
ADINST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3640	25.05	3640	25.05
Scale indices	10890	74.95	14530	100.00

Adaption of instruction (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
10890	0.19	0.32	0.95	-1.97	2.05

Instrumental motivation (WLE)				
INSTSCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2279	15.68	2279	15.68
Scale indices	12251	84.32	14530	100.00

Instrumental motivation (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12251	0.15	0.37	1.04	-1.93	1.74

Personality: Test Anxiety (WLE)				
ANXTEST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	632	4.35	632	4.35
Scale indices	13898	95.65	14530	100.00

Personality: Test Anxiety (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13898	0.21	0.20	0.97	-2.51	2.55

Student Attitudes, Preferences and Self-related beliefs: Achieving motivation (WLE)				
MOTIVAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	667	4.59	667	4.59
Scale indices	13863	95.41	14530	100.00

Student Attitudes, Preferences and Self-related beliefs: Achieving motivation (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13863	0.28	0.12	0.95	-3.09	1.85

Parents emotional support (WLE)				
EMOSUPS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	551	3.79	551	3.79
Scale indices	13979	96.21	14530	100.00

Parents emotional support (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
13979	0.07	0.10	0.97	-3.08	1.10

Science self-efficacy (WLE)				
SCIEEFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2479	17.06	2479	17.06
Scale indices	12051	82.94	14530	100.00

Science self-efficacy (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12051	0.03	0.11	1.31	-3.76	3.28

Epistemological beliefs (WLE)				
EPIST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2507	17.25	2507	17.25
Scale indices	12023	82.75	14530	100.00

Epistemological beliefs (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12023	0.21	-0.19	0.99	-2.79	2.16

Index science activities (WLE)				
SCIEACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2466	16.97	2466	16.97
Scale indices	12064	83.03	14530	100.00

Index science activities (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12064	-0.29	-0.31	1.14	-1.76	3.36

ICT use outside of school leisure (WLE)				
ENTUSE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2180	15.00	2180	15.00
Scale indices	12350	85.00	14530	100.00

ICT use outside of school leisure (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
12350	-0.02	-0.09	0.93	-3.71	4.85

ICT use outside of school for schoolwork (WLE)				
HOMESCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2660	18.31	2660	18.31
Scale indices	11870	81.69	14530	100.00

ICT use outside of school for schoolwork (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11870	0.12	0.19	0.96	-2.69	3.60

Use of ICT at school in general (WLE)				
USESCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	2833	19.50	2833	19.50
Scale indices	11697	80.50	14530	100.00

Use of ICT at school in general (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11697	0.54	0.58	0.78	-1.67	3.63

Students' ICT Interest (WLE)				
INTICT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3141	21.62	3141	21.62
Scale indices	11389	78.38	14530	100.00

Students' ICT Interest (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11389	0.15	-0.09	0.97	-2.99	2.82

Students' Perceived ICT Competence (WLE)				
COMP ICT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3360	23.12	3360	23.12
Scale indices	11170	76.88	14530	100.00

Students' Perceived ICT Competence (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11170	0.19	0.02	0.94	-2.71	2.07

Students' Perceived Autonomy related to ICT Use (WLE)				
AUTICT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3468	23.87	3468	23.87
Scale indices	11062	76.13	14530	100.00

Students' Perceived Autonomy related to ICT Use (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
11062	0.10	0.12	0.98	-2.50	2.10

Students' ICT as a topic in Social Interaction (WLE)				
SOIAICT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3690	25.40	3690	25.40
Scale indices	10840	74.60	14530	100.00

Students' ICT as a topic in Social Interaction (WLE)					
N	Mean	Median	Std Dev	Minimum	Maximum
10840	0.05	0.03	0.93	-2.14	2.43

PISA assessment results

Plausible Value 1 in Mathematics				
PV1MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	482.74	484.01	94.36	166.88	807.81

Plausible Value 2 in Mathematics				
PV2MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.04	484.27	94.50	160.00	798.14

Plausible Value 3 in Mathematics				
PV3MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	481.59	480.90	94.44	77.06	818.69

Plausible Value 4 in Mathematics				
PV4MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.87	485.12	93.71	180.14	806.10

Plausible Value 5 in Mathematics				
PV5MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.01	482.59	93.84	155.04	823.80

Plausible Value 6 in Mathematics				
PV6MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.54	484.19	96.54	91.43	824.19

Plausible Value 7 in Mathematics				
PV7MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	482.30	483.25	95.25	151.82	799.45

Plausible Value 8 in Mathematics				
PV8MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	481.68	482.52	95.96	151.50	819.17

Plausible Value 9 in Mathematics				
PV9MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.26	484.20	94.97	116.53	827.32

Plausible Value 10 in Mathematics				
PV10MATH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Mathematics					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	483.35	483.49	94.44	153.20	813.22

Plausible Value 1 in Reading				
PV1READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	491.03	496.00	105.08	96.37	851.09

Plausible Value 2 in Reading				
PV2READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	490.79	495.95	104.70	99.65	844.64

Plausible Value 3 in Reading				
PV3READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	493.25	497.89	103.90	98.94	851.97

Plausible Value 4 in Reading				
PV4READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	490.10	494.62	104.61	83.51	839.13

Plausible Value 5 in Reading				
PV5READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	492.69	497.43	105.54	109.86	865.09

Plausible Value 6 in Reading				
PV6READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	491.53	496.09	103.91	106.19	857.40

Plausible Value 7 in Reading				
PV7READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	492.38	496.74	105.03	118.41	898.02

Plausible Value 8 in Reading				
PV8READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	490.80	496.60	104.89	97.56	849.65

Plausible Value 9 in Reading				
PV9READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	492.40	497.88	105.82	84.09	836.71

Plausible Value 10 in Reading				
PV10READ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Reading					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	491.03	496.36	105.65	81.64	835.32

Plausible Value 1 in Science				
PV1SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.13	502.71	103.77	128.66	876.75

Plausible Value 2 in Science				
PV2SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.90	501.31	104.96	161.69	854.97

Plausible Value 3 in Science				
PV3SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.82	501.36	104.87	131.09	854.67

Plausible Value 4 in Science				
PV4SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.84	500.63	104.38	165.12	833.08

Plausible Value 5 in Science				
PV5SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.97	502.24	104.67	174.60	856.13

Plausible Value 6 in Science				
PV6SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.08	502.37	105.03	128.39	852.07

Plausible Value 7 in Science				
PV7SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.92	501.62	104.03	177.03	911.92

Plausible Value 8 in Science				
PV8SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.76	501.89	104.83	130.02	845.14

Plausible Value 9 in Science				
PV9SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.96	502.82	104.04	156.57	840.17

Plausible Value 10 in Science				
PV10SCIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.13	503.24	104.20	164.77	852.76

Plausible Value 1 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV1SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.69	502.11	106.88	125.92	879.19

Plausible Value 2 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV2SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.38	500.60	106.26	112.96	872.94

Plausible Value 3 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV3SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.92	503.32	106.42	101.52	845.78

Plausible Value 4 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV4SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	501.26	503.68	107.30	163.75	855.90

Plausible Value 5 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV5SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	500.36	502.90	106.96	148.27	844.61

Plausible Value 6 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV6SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Competency Subscale of Science - Explain Phenomena Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.98	501.20	106.44	151.98	872.33	

Plausible Value 7 in Competency Subscale of Science - Explain Phenomena Scientifically					
PV7SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 7 in Competency Subscale of Science - Explain Phenomena Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.76	501.54	107.25	95.34	865.02	

Plausible Value 8 in Competency Subscale of Science - Explain Phenomena Scientifically					
PV8SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 8 in Competency Subscale of Science - Explain Phenomena Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.94	501.57	107.67	140.47	943.20	

Plausible Value 9 in Competency Subscale of Science - Explain Phenomena Scientifically					
PV9SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 9 in Competency Subscale of Science - Explain Phenomena Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.50	501.11	106.83	137.65	839.13	

Plausible Value 10 in Competency Subscale of Science - Explain Phenomena Scientifically				
PV10SCEP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Competency Subscale of Science - Explain Phenomena Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	500.25	502.70	106.56	102.55	835.71

Plausible Value 1 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV1SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	500.11	504.02	111.03	102.97	884.23

Plausible Value 2 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV2SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.57	504.67	114.01	68.64	954.93

Plausible Value 3 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV3SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	498.55	502.56	115.44	80.04	877.34	

Plausible Value 4 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
PV4SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 4 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	501.78	503.71	113.77	114.03	881.58	

Plausible Value 5 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
PV5SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 5 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	501.20	504.90	112.95	107.72	903.30	

Plausible Value 6 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
PV6SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 6 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	500.56	504.16	114.42	78.75	873.10	

Plausible Value 7 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV7SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.70	502.55	111.68	113.75	876.34

Plausible Value 8 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV8SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.84	502.75	114.24	102.36	912.09

Plausible Value 9 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV9SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.87	504.80	111.57	101.48	874.79

Plausible Value 10 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry				
PV10SCED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Competency Subscale of Science - Evaluate and Design Scientific Enquiry						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	498.84	503.05	113.17	96.25	862.47	

Plausible Value 1 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV1SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 1 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	496.96	499.94	107.60	117.19	879.53	

Plausible Value 2 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV2SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 2 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	496.18	500.11	107.03	148.09	853.85	

Plausible Value 3 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV3SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 3 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.23	501.10	106.88	95.24	851.91	

Plausible Value 4 in Competency Subscale of Science - Interpret Data and Evidence Scientifically				
PV4SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	495.01	497.83	106.58	135.11	815.98

Plausible Value 5 in Competency Subscale of Science - Interpret Data and Evidence Scientifically				
PV5SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.06	499.12	104.92	166.76	871.49

Plausible Value 6 in Competency Subscale of Science - Interpret Data and Evidence Scientifically				
PV6SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.56	499.26	105.62	144.14	874.19

Plausible Value 7 in Competency Subscale of Science - Interpret Data and Evidence Scientifically				
PV7SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	496.80	500.70	106.94	89.63	849.11	

Plausible Value 8 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV8SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 8 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.86	502.29	106.79	96.05	847.96	

Plausible Value 9 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV9SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 9 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	496.81	500.62	106.02	122.16	818.82	

Plausible Value 10 in Competency Subscale of Science - Interpret Data and Evidence Scientifically					
PV10SCID	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 10 in Competency Subscale of Science - Interpret Data and Evidence Scientifically						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	496.73	499.76	106.01	137.45	850.97	

Plausible Value 1 in Knowledge Subscale of Science - Content				
PV1SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.33	499.70	106.19	162.55	872.78

Plausible Value 2 in Knowledge Subscale of Science - Content				
PV2SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.04	498.61	105.83	112.36	845.54

Plausible Value 3 in Knowledge Subscale of Science - Content				
PV3SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.28	500.68	105.90	114.01	870.26

Plausible Value 4 in Knowledge Subscale of Science - Content				
PV4SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.17	497.19	107.00	99.66	841.22

Plausible Value 5 in Knowledge Subscale of Science - Content				
PV5SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.31	500.27	106.75	151.44	840.41

Plausible Value 6 in Knowledge Subscale of Science - Content				
PV6SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.14	498.30	106.74	110.55	871.20

Plausible Value 7 in Knowledge Subscale of Science - Content				
PV7SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.29	499.86	106.57	136.85	879.80

Plausible Value 8 in Knowledge Subscale of Science - Content				
PV8SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.29	499.94	104.76	106.23	844.65

Plausible Value 9 in Knowledge Subscale of Science - Content				
PV9SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.97	500.84	106.36	94.21	894.62

Plausible Value 10 in Knowledge Subscale of Science - Content				
PV10SKCO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in Knowledge Subscale of Science - Content					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.16	498.72	106.59	134.77	861.55

Plausible Value 1 in Knowledge Subscale of Science - Procedural & Epistemic				
PV1SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in Knowledge Subscale of Science - Procedural & Epistemic					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.98	503.84	107.58	130.29	879.28

Plausible Value 2 in Knowledge Subscale of Science - Procedural & Epistemic				
PV2SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	498.90	502.67	106.65	146.49	882.70	

Plausible Value 3 in Knowledge Subscale of Science - Procedural & Epistemic					
PV3SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 3 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.74	501.45	107.79	136.34	884.77	

Plausible Value 4 in Knowledge Subscale of Science - Procedural & Epistemic					
PV4SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 4 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.58	503.25	107.63	122.61	831.07	

Plausible Value 5 in Knowledge Subscale of Science - Procedural & Epistemic					
PV5SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 5 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.48	501.57	108.59	126.52	888.14	

Plausible Value 6 in Knowledge Subscale of Science - Procedural & Epistemic				
PV6SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in Knowledge Subscale of Science - Procedural & Epistemic					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.73	502.51	107.44	148.03	862.72

Plausible Value 7 in Knowledge Subscale of Science - Procedural & Epistemic				
PV7SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in Knowledge Subscale of Science - Procedural & Epistemic					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.62	503.40	107.98	124.32	855.59

Plausible Value 8 in Knowledge Subscale of Science - Procedural & Epistemic				
PV8SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in Knowledge Subscale of Science - Procedural & Epistemic					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.75	504.19	108.07	146.23	861.94

Plausible Value 9 in Knowledge Subscale of Science - Procedural & Epistemic				
PV9SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.98	503.33	107.26	172.99	866.25	

Plausible Value 10 in Knowledge Subscale of Science - Procedural & Epistemic					
PV10SKPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 10 in Knowledge Subscale of Science - Procedural & Epistemic						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	499.78	503.80	107.70	106.14	857.59	

Plausible Value 1 in System Subscale of Science - Physical					
PV1SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 1 in System Subscale of Science - Physical						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	500.01	501.25	106.79	79.98	880.35	

Plausible Value 2 in System Subscale of Science - Physical					
PV2SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 2 in System Subscale of Science - Physical						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	498.92	502.17	107.43	134.64	867.29	

Plausible Value 3 in System Subscale of Science - Physical					
PV3SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 3 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.50	502.95	106.57	129.84	848.25

Plausible Value 4 in System Subscale of Science - Physical					
PV4SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 4 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	500.37	504.28	106.94	134.73	873.64

Plausible Value 5 in System Subscale of Science - Physical					
PV5SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 5 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	501.09	505.04	105.64	92.19	876.83

Plausible Value 6 in System Subscale of Science - Physical					
PV6SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 6 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	500.79	503.29	106.63	122.91	856.14

Plausible Value 7 in System Subscale of Science - Physical					
PV7SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 7 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	501.25	504.70	106.40	124.35	838.15

Plausible Value 8 in System Subscale of Science - Physical				
PV8SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.70	502.75	108.67	104.47	898.04

Plausible Value 9 in System Subscale of Science - Physical				
PV9SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.58	502.86	107.20	132.09	866.69

Plausible Value 10 in System Subscale of Science - Physical				
PV10SSPH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in System Subscale of Science - Physical					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.62	502.37	106.83	106.29	922.64

Plausible Value 1 in System Subscale of Science - Living				
PV1SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.28	501.93	110.11	65.50	874.46

Plausible Value 2 in System Subscale of Science - Living					
PV2SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 2 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.77	500.93	109.58	121.84	874.12

Plausible Value 3 in System Subscale of Science - Living					
PV3SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 3 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.90	501.77	110.82	127.51	896.71

Plausible Value 4 in System Subscale of Science - Living					
PV4SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 4 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.14	501.29	111.06	39.97	858.01

Plausible Value 5 in System Subscale of Science - Living					
PV5SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 5 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.96	500.44	109.01	117.58	907.92

Plausible Value 6 in System Subscale of Science - Living				
PV6SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.08	502.39	111.07	122.35	878.23

Plausible Value 7 in System Subscale of Science - Living				
PV7SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 7 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.10	500.09	108.63	125.89	828.67

Plausible Value 8 in System Subscale of Science - Living				
PV8SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 8 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.98	500.97	109.72	148.97	838.07

Plausible Value 9 in System Subscale of Science - Living				
PV9SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 9 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.92	499.69	110.14	96.97	858.21

Plausible Value 10 in System Subscale of Science - Living				
PV10SSLI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in System Subscale of Science - Living					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.78	497.81	111.34	109.10	885.10

Plausible Value 1 in System Subscale of Science - Earth & Science				
PV1SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 1 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.62	501.54	105.62	131.46	865.70

Plausible Value 2 in System Subscale of Science - Earth & Science				
PV2SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 2 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	499.61	502.41	105.95	82.77	858.82

Plausible Value 3 in System Subscale of Science - Earth & Science				
PV3SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 3 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	498.64	502.97	105.61	110.47	873.37

Plausible Value 4 in System Subscale of Science - Earth & Science				
PV4SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 4 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	496.51	500.03	104.67	89.49	824.21

Plausible Value 5 in System Subscale of Science - Earth & Science				
PV5SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 5 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	495.85	498.73	106.65	126.05	856.70

Plausible Value 6 in System Subscale of Science - Earth & Science				
PV6SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 6 in System Subscale of Science - Earth & Science						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.38	500.85	106.40	125.74	872.04	

Plausible Value 7 in System Subscale of Science - Earth & Science					
PV7SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 7 in System Subscale of Science - Earth & Science						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	495.36	498.71	105.16	114.70	822.41	

Plausible Value 8 in System Subscale of Science - Earth & Science					
PV8SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 8 in System Subscale of Science - Earth & Science						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	495.59	500.33	106.00	133.62	846.25	

Plausible Value 9 in System Subscale of Science - Earth & Science					
PV9SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Plausible value	14530	100.00	14530	100.00	

Plausible Value 9 in System Subscale of Science - Earth & Science						
N	Mean	Median	Std Dev	Minimum	Maximum	
14530	497.31	500.36	105.47	123.31	908.95	

Plausible Value 10 in System Subscale of Science - Earth & Science				
PV10SSES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Plausible value	14530	100.00	14530	100.00

Plausible Value 10 in System Subscale of Science - Earth & Science					
N	Mean	Median	Std Dev	Minimum	Maximum
14530	497.74	500.08	106.86	99.30	876.50



Longitudinal
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Department of Education and Training



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