



Australian Council *for* Educational Research



Longitudinal Surveys of Australian Youth

DATA DICTIONARY: THE LSAY 2003 SAMPLE OF 15 YEAR-OLDS, WAVE 1 (2003)

**Catherine Underwood
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Longitudinal Surveys of Australian Youth: Technical Reports

1. Reading and Numeracy Achievement Tests: 1975-1995, October 1996 (Not publicly available).
2. Overview of the Longitudinal Surveys of Australian Youth Program (LSAY), August 1997
3. The 1961 Cohort Questionnaires: 1975-1994, April 1997
4. The 1965 Cohort Questionnaires: 1981-1995, April 1997
5. The 1970 Cohort Questionnaires: 1985-1994, April 1997
6. The 1975 Cohort Questionnaires: 1989-1996, April 1997
7. The Australian Youth Survey Description
8. Sampling and Samples for the Longitudinal Surveys of Australian Youth
9. Codebook: The LSAY 1995 Year 9 Sample Wave 1 (1995), February 1997
10. Item Statistics for the Reading and Numeracy Tests: 1975-1995
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12. Codebook: the LSAY 1996 School Survey, October 1998
13. Codebook: the LSAY 1996 Teacher Survey, October 1998
14. The Measurement of Socioeconomic Status and Social Class in the LSAY project, November 1999
15. Weighting the 1995 Year 9 Cohort Sample for Differential Response Rates and Sample Attrition, July 2000.
16. The Designed and Achieved Sample of the 1998 LSAY Sample, February 2002
17. Codebook: The LSAY 1995 Year 9 Sample Wave 3 (1997), November 1999
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Longitudinal Surveys of Australian Youth

Longitudinal Surveys of Australian Youth is a program of surveys of young people jointly managed by ACER and the Australian Government Department of Education, Science and Training (DEST). The surveys focus on the education and labour market experiences of groups of young Australians, beginning from their middle years of secondary schooling. Data collected include basic demographic variables, as well as information about educational and labour force participation and experiences extending over a number of years.

The present form of the LSAY program commenced in 1995 with a national sample of Year 9 students. The program also brings together earlier longitudinal studies conducted by ACER under the Youth in Transition (YIT) program, and by the Commonwealth under the Australian Longitudinal Survey (ALS) and Australian Youth Survey (AYS) programs. The data collected through LSAY are deposited with the Australian Social Science Data Archive (ASSDA) for use by other researchers.

The 2003 Sample of 15 Year-olds (Y03)

In 2003, a nationally representative sample of approximately 12,500 15 year-old students was selected to participate in the Programme for International Student Assessment (PISA), conducted by the Organisation for Economic Co-operation and Development (OECD). More than 10,000 of these young people became the third cohort of the Longitudinal Surveys of Australian Youth. The PISA sample was constructed by randomly selecting fifty 15 year-old students from a sample of schools designed to represent state and sector. Assessments in mathematical literacy, reading literacy, scientific literacy and problem solving were administered to students in their schools to provide information on school achievement for

use in later analyses of educational and labour market participation. Students also completed a background questionnaire about their families, educational and vocational plans, and attitudes to school. In follow-up telephone interviews, students provided further information on their schools and on part-time work. In 2004, members of the Y03 cohort were contacted again for telephone interviews.

Details on PISA are provided in publications from the OECD, available at <http://www.pisa.oecd.org>.

The 2003 Y03 Telephone Survey

The 2003 Y03 Telephone Survey was conducted with 11 619 of the students who formed the PISA 2003 sample. The PISA sample was 12 551, however a number of students withdrew from the study or had not provided correct contact information on the PISA student questionnaire form. Of 11 619 whose details were available, 10 370 useable interviews were completed successfully (89% of the active sample). There were 278 refusals or terminations of interview (2.4% of the available sample), 567 non-contactable (4.9%) and 188 others not interviewed (1.6%).

The 2004 Y03 Telephone Survey

The 2004 Y03 Telephone Survey was conducted with 9831 members of the 2003 sample. The 2003 final sample was 10 370, however 13 members withdrew from the study and 4 were not approached because of illness or travel. Of the 10 353 available for interviews, 9378 useable interviews were completed successfully (91% of the active sample). There were 258 refusals or terminations of interview (2.5% of the sample), 387 non-contactable (3.7%) and 330 others not interviewed (3.2%).

Dimensions of data set:

Number of cases: 10 370

Number of variables: 1382 (2003 and 2004)

The coding framework for Institutions is not publicly available.

The reference for the coding framework for the Area of Study variables is:

Australian Bureau of Statistics (2000). *Australian Standard Classification of Education ASCED (Cat No. 1271.0)*. Canberra: Australian Bureau of Statistics.

The reference for the coding framework for the ASCO variables is:

Australian Bureau of Statistics (1997). *ASCO Australian Standard Classification of Occupations, Second Edition (Cat. No. 1220.0)*. Canberra: Australian Bureau of Statistics.

The reference for the coding framework for the ANZSIC variables is:

Australian Bureau of Statistics (1993). *Australian and New Zealand Standard Industrial Classification (Cat. No. 1292.0)*. Canberra: Australian Bureau of Statistics.

Method of data collection: In-school assessments, paper questionnaires and telephone interview. Telephone interviews conducted by Wallis Consulting Group.

ACER staff working on LSAY: David Curtis, Kylie Hillman, Phillip McKenzie, Julie McMillan, Gary Marks, Sheldon Rothman, Catherine Underwood and Julie Zubrinich.

LSAY Steering Committee: The LSAY program operates under the direction of a Steering Committee, which sets overall policy and approves the analytical program. The Committee has 10 members representing national and state authorities and researchers concerned with education, training, and employment in Australia.

LSAY Management Group: The Management Group has operational responsibility for the major decisions affecting the LSAY program. It comprises Elizabeth Tchacos, Lucio Krbavac and Heidi Welberry from DEST, and Gary Marks, Phillip McKenzie, Julie McMillan and Sheldon Rothman from ACER.

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LAA024VC	88	LAA030D	93	LAD004	98		
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LAA024VE	88	LAA030F	93	LAD006	98		
LAA024VF	88	LAA031A	93	LAD007	98		
LAA024VG	89	LAA031B	93	LAD008	98		
LAA024WA	89	LAA031C	94	LAD010	98		
LAA024WB	89	LAA031D	94	LAD011	98		
LAA024WC	89	LAA031E	94	LAD014A	98		
LAA024XA	89	LAA031F	94	LAD014B	98		
LAA024XB	89	LAA032A	95	LAD014C	98		
LAA024XC	89	LAA032B	95	LAD014D	99		
LAA024XD	89	LAA032C	95	LAD014E	99		
LAA024XE	89	LAA032D	95	LAD014F	99		
LAA024XF	89	LAA032E	95				

Sources of data items

P* PISA administrative variable
 PSA PISA student assessment
 PSQ PISA student questionnaire
 PDV PISA derived variable

L* LSAY administrative variable
 LSI LSAY student interview

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
Identifying variables						
ID	ID number	Numeric	8	As stated	L*	All respondents (n=10370)
STATEID	State/Territory ID (PISA)	String	1	1 ACT 2 NSW 3 VIC 4 QLD 5 SA 6 WA 7 TAS 8 NT	P*	All respondents (n=10370)
SCHOOLID	School ID	Numeric	8	As stated	P*	All respondents (n=10370)
LOC	MCEETYA Location Class	String	1	1 Metropolitan Zone Mainland State Capital City regions 2 Metropolitan Zone Major urban Statistical Districts 3 Provincial Zone Inner provincial areas 4 Provincial Zone Outer provincial areas 5 Provincial Zone Provincial City Statistical Districts 25,000 6 Provincial Zone Provincial City Statistical Districts 50,000 7 Remote Zone Remote areas 8 Remote Zone Very Remote areas	P*	All respondents (n=10370)
SEX	Sex	Numeric	1	1 Male 2 Female	L*	All respondents (n=10370)
<i>Note: The PISA variable ST03Q01 also reports on sex. After 93 discrepancies were noted between PISA data and LSAY data, both variables were checked. This variable now contains correct information on cohort members' sex, and variable ST03Q01 has been removed.</i>						
INDIG	Final Indigenous Status	Numeric	1	0 Non-Indigenous 1 Indigenous	P*	All respondents (n=10370)
<i>Derived from Q3b, 'Are you of Aboriginal or Torres Strait Islander origin?'</i>						

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
PISA assessment results						
pv1math	Plausible value in math	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2math	Plausible value in math	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3math	Plausible value in math	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4math	Plausible value in math	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5math	Plausible value in math	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1math1	Plausible value in math - Space and Shape	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2math1	Plausible value in math - Space and Shape	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3math1	Plausible value in math - Space and Shape	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4math1	Plausible value in math - Space and Shape	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
pv5math1	Plausible value in math - Space and Shape	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1math2	Plausible value in math – Change and Relationships	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2math2	Plausible value in math – Change and Relationships	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3math2	Plausible value in math – Change and Relationships	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4math2	Plausible value in math – Change and Relationships	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5math2	Plausible value in math – Change and Relationships	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1math3	Plausible value in math – Uncertainty	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2math3	Plausible value in math – Uncertainty	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3math3	Plausible value in math – Uncertainty	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
pv4math3	Plausible value in math – Uncertainty	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5math3	Plausible value in math – Uncertainty	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1math4	Plausible value in math – Quantity	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2math4	Plausible value in math – Quantity	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3math4	Plausible value in math – Quantity	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4math4	Plausible value in math – Quantity	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5math4	Plausible value in math – Quantity	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1read	Plausible value in reading	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2read	Plausible value in reading	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
pv3read	Plausible value in reading	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4read	Plausible value in reading	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5read	Plausible value in reading	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1scie	Plausible value in science	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv2scie	Plausible value in science	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3scie	Plausible value in science	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4scie	Plausible value in science	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5scie	Plausible value in science	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv1prob	Plausible value in problem solving	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
pv2prob	Plausible value in problem solving	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv3prob	Plausible value in problem solving	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv4prob	Plausible value in problem solving	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
pv5prob	Plausible value in problem solving	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstuwt	Student final weight	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	??	All respondents (n=10370)
w_fstr1	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr2	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr3	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr4	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr5	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr6	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr7	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr8	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr9	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr10	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr11	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr12	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr13	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr14	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr15	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr16	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr17	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr18	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr19	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr20	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr21	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr22	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr23	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr24	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr25	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr26	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr27	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr28	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr29	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr30	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr31	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr32	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr33	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr34	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr35	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr36	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr37	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr38	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr39	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr40	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr41	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr42	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr43	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr44	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr45	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr46	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr47	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr48	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr49	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr50	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr51	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr52	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr53	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr54	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr55	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr56	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr57	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr58	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr59	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr60	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr61	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr62	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr63	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr64	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr65	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr66	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr67	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr68	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr69	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr70	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr71	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr72	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr73	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr74	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr75	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr76	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
w_fstr77	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr78	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr79	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
w_fstr80	BRR replicate	Numeric	9.4	As stated 9997.0000 N/A 9998.0000 Invalid 9999.0000 Missing	PSA	All respondents (n=10370)
wvarstrr	RANDOMIZED FINAL VARIANCE STRATUM (1-80)	Numeric	2	As stated	PSA	All respondents (n=10370)
Unit	FINAL VARIANCE UNIT (1,2,3)	Numeric	1	As stated	PSA	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
PISA student questionnaire responses (sections A-F)						
ST01Q01	Grade Q1a	Numeric	2	As stated (range: 7 – 12) 97 N/A 98 Invalid 99 Missing	PSQ	All respondents (n=10370)
ST01Q02	<Programme> Q1b	Numeric	2	As stated (range: 1 – 4) 97 N/A 98 Invalid 99 Missing	PSQ	All respondents (n=10370)
ST02Q02	Birth Month Q1 Month	Numeric	2	As stated (range: 1 – 12) 97 N/A 98 Invalid 99 Missing	PSQ	All respondents (n=10370)
ST02Q03	Birth Year Q1 Year	Numeric	2	As stated (range: 87 – 88) 97 N/A 98 Invalid 99 Missing	PSQ	All respondents (n=10370)
ST04Q01	Lives at home Mother Q4a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST04Q02	Lives at home female guardian Q4b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST04Q03	Lives at home Father Q4c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST04Q04	Lives at home male guardian Q4d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST04Q05	Lives at home Others Q4e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST04Q01N	Siblings older than you Q4b	Numeric	1	1 None 2 One 3 Two 4 Three 5 Four or more 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST04Q02N	Siblings younger than you Q4b	Numeric	1	1 None 2 One 3 Two 4 Three 5 Four or more 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST04Q03N	Siblings same age as you Q4b	Numeric	1	1 None 2 One 3 Two 4 Three 5 Four or more 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST05Q01	Mother currently doing Q5	Numeric	1	1 Working Full-time 2 Working Part-time 3 Looking for work 4 Other 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST06Q01	Father currently doing Q6	Numeric	1	1 Working Full-time 2 Working Part-time 3 Looking for work 4 Other 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST07Q01	Mother's main job Q7	String	4	As stated (range: 1110 – 9505) 9997 N/A 9998 Invalid 9999 Missing	PSQ	All respondents (n=10370)
ST09Q01	Father's main job Q9	String	4	As stated (range: 1110 – 9505) 9997 N/A 9998 Invalid 9999 Missing	PSQ	All respondents (n=10370)
ST11Q01	Mother <ISCED 3A.>	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST11Q02	Mother <ISCED3B or 3C. Q11b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST11Q03	Mother <ISCED2> Q11c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST11Q04	Mother <ISCED1.> Q11d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST11Q05	Mother None of the above Q11e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST12Q01	Mother <ISCED5A. or 6> Q12a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST12Q02	Mother <ISCED5B.> Q12b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST12Q03	Father <ISCED4.> Q12c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST13Q01	Father <ISCED 3A.> Q13a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST13Q02	Father <ISCED3B or 3C.> Q13b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST13Q03	Father <ISCED2> Q13c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST13Q04	Father <ISCED1.> Q13d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST13Q05	Father None of the above Q13e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST14Q01	Father <ISCED5A. or 6> Q14a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST14Q02	Father <ISCED5B.> Q14b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST14Q03	Father <ISCED4.> Q14c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
COB_STD	Student's Country of Birth	Numeric	4	See Appendix 1	PSQ	All respondents (n=10370)
COB_S_L	Student's Country of Birth (using Major Groups)	Numeric	2	11 Australia 12 New Zealand 13 Melanesia 14 Micronesia 15 Polynesia (excludes Hawaii) 16 Antarctica 21 United Kingdom 22 Ireland 23 Western Europe 24 Northern Europe 31 Southern Europe 32 South Eastern Europe 33 Eastern Europe 41 North Africa 42 Middle East 51 Mainland South-East Asia 52 Maritime South-East Asia 61 Chinese Asia (includes Mongolia) 62 Japan and Koreas 71 Southern Asia 72 Central Asia 81 Northern America 82 South America 83 Central America 84 Caribbean 91 Central and West Africa 92 Southern and East Africa	PDV	All respondents (n=10370)
ISO_S	ISO code country of birth Student	String	8	As stated 99999970 NA 99999980 Invalid 99999990 Missing 9999yyy0 yyy= ISO 3-digit code xxxn9996 Born in 'other country' Xxxnyyym xxxn=PISA country code	PDV	All respondents (n=10370)
COB_MOTH	Mother's Country of Birth	Numeric	4	See Appendix 1	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
COB_M_L	Mother's country of Birth (using Major Groups)	Numeric	2	11 Australia 12 New Zealand 13 Melanesia 14 Micronesia 15 Polynesia (excludes Hawaii) 16 Antarctica 21 United Kingdom 22 Ireland 23 Western Europe 24 Northern Europe 31 Southern Europe 32 South Eastern Europe 33 Eastern Europe 41 North Africa 42 Middle East 51 Mainland South-East Asia 52 Maritime South-East Asia 61 Chinese Asia (includes Mongolia) 62 Japan and Koreas 71 Southern Asia 72 Central Asia 81 Northern America 82 South America 83 Central America 84 Caribbean 91 Central and West Africa 92 Southern and East Africa	PSQ	All respondents (n=10370)
ISO_M	ISO code country of birth Mother	String	8	As stated 99999970 NA 99999980 Invalid 99999990 Missing 9999yyy0 yyy= ISO 3-digit code xxxn9996 Born in 'other country' Xxxnyyym xxxn=PISA country code	PDV	All respondents (n=10370)
COB_FATH	Father's Country of Birth	Numeric	4	See Appendix 1	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
COB_F_L	Father's Country of Birth (using Major Groups)	Numeric	2	11 Australia 12 New Zealand 13 Melanesia 14 Micronesia 15 Polynesia (excludes Hawaii) 16 Antarctica 21 United Kingdom 22 Ireland 23 Western Europe 24 Northern Europe 31 Southern Europe 32 South Eastern Europe 33 Eastern Europe 41 North Africa 42 Middle East 51 Mainland South-East Asia 52 Maritime South-East Asia 61 Chinese Asia (includes Mongolia) 62 Japan and Koreas 71 Southern Asia 72 Central Asia 81 Northern America 82 South America 83 Central America 84 Caribbean 91 Central and West Africa 92 Southern and East Africa	PSQ	All respondents (n=10370)
ISO_F	ISO code country of birth Father	String	8	As stated 99999970 NA 99999980 Invalid 99999990 Missing 9999yyy0 yyy= ISO 3-digit code xxxn9996 Born in 'other country' Xxxnyyym xxxn=PISA country code	PDV	All respondents (n=10370)
ST15Q04	Country of birth Age Q15b	Numeric	3	As stated 997 N/A 998 Invalid 999 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST16Q01	Language at home Q16	Numeric	2	1 <Test language> 2 <Other national language> 3 <Other national dialects> 4 <Other languages> 97 N/A 98 Invalid 99 Missing	PSQ	All respondents (n=10370)
ST17Q01	Possessions desk Q17a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q02	Possessions own room Q17b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q03	Possessions study place Q17c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q04	Possessions computer Q17d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q05	Possessions software Q17e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q06	Possessions Internet Q17f	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q07	Possessions calculator Q17g	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q08	Possessions literature Q17h	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST17Q09	Possessions poetry Q17i	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q10	Possessions art Q17j	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q11	Possessions textbooks Q17k	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q12	Possessions dictionary Q17l	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST17Q13	Possessions dishwasher Q17m	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST19Q01	How many books at home Q19	Numeric	1	1 0-10 books 2 11-25 books 3 26-100 books 4 101-200 books 5 201-500 books 6 More than 500 books 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST20Q01	Attend <ISCED 0> Q20	Numeric	1	1 No 2 Yes, one year or less 3 Yes, more than one year 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST21Q01	<ISCED 1>Years Q21	Numeric	5.1	As stated (range: 3.0 – 9.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST22Q01	Repeat <ISCED 1> Q22a	Numeric	1	1 No, never 2 Yes, once 3 Yes, twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST22Q02	Repeat <ISCED 2> Q22b	Numeric	1	1 No, never 2 Yes, once 3 Yes, twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST22Q03	Repeat <ISCED 3> Q22c	Numeric	1	1 No, never 2 Yes, once 3 Yes, twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST23Q01	Expect <ISCED 2> Q23a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST23Q02	Expect <ISCED 3B or 3C> Q23b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST23Q03	Expect <ISCED 3A> Q23c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST23Q04	Expect <ISCED 4> Q23d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST23Q05	Expect <ISCED 5B> Q23e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST23Q06	Expect <ISCED 5A or 6> Q23f	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST24Q01	School done little Q24a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST24Q02	School waste of time Q24b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST24Q03	School given confidence Q24c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST24Q04	School useful Q24d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST25Q01	Attend local Q25a	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST25Q02	Attend better Q25b	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST25Q03	Attend specific program Q25c	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST25Q04	Attend religious Q25d	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST25Q05	Attend family Q25e	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST25Q06	Attend Other Q25f	Numeric	1	1 Tick 2 No tick 7 N/A 8 Invalid	PSQ	All respondents (n=10370)
ST26Q01	Well with Students Q26a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST26Q02	Interested in Students Q26b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST26Q03	Listen to me Q26c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST26Q04	Give extra help Q26d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST26Q05	Treat me fairly Q26e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST27Q01	Feel an outsider Q27a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST27Q02	Make friends Q27b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST27Q03	Feel I belong Q27c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST27Q04	Feel awkward Q27d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST27Q05	Think I'm liked Q27e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST27Q06	Feel lonely Q27f	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST28Q01	Late for school Q28	Numeric	1	1 None 2 1 or 2 times 3 3 or 4 times 4 5 or more times 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST29Q01	Hours All homework Q29a	Numeric	5.1	As stated (range: 0.0 – 30.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST29Q02	Hours All <Remedial> Q29b	Numeric	5.1	As stated (range: 0.0 – 30.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST29Q03	Hours All <Enrichment> Q29c	Numeric	5.1	As stated (range: 0.0 – 30.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST29Q04	Hours All tutor Q29d	Numeric	5.1	As stated (range: 0.0 – 15.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST29Q05	Hours All <out-of-school> Q29e	Numeric	5.1	As stated (range: 0.0 – 20.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST29Q06	Hours All other study Q29f	Numeric	5.1	As stated (range: 0.0 – 30.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
HRS_PDWK	Hours of paid work (Q29b_a)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)
HRS_TV	Hours watching TV (Q29b_b)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)
HRS_MUS	Hours listening to music(Q29b_c)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)
HRS_SPO	Hours playing sport (Q29b_d)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
HRS_RD	Hours reading for pleasure (Q29b_e)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)
HRS_UNPD	Hours doing unpaid/voluntary work (29b_f)	Numeric	1	0 No time 1 1 to 5 hours 2 6 to 10 hours 3 11 to 15 hours 4 16 to 20 hours 5 more than 20 hours 9 Missing	PSQ	All respondents (n=10370)
ST30Q01	Attitude enjoy reading Q30a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q02	Attitude effort Q30b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q03	Attitude look forward Q30c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST30Q04	Attitude enjoy Maths Q30d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q05	Attitude career Q30e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q06	Attitude interested Q30f	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q07	Attitude further study Q30g	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST30Q08	Attitude job Q30h	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST31Q01	Confident timetable Q31a	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q02	Confident discount Q31b	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q03	Confident area Q31c	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q04	Confident graphs Q31d	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q05	Confident linear Q31e	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST31Q06	Confident distance Q31f	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q07	Confident quadratics Q31g	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST31Q08	Confident rate Q31h	Numeric	1	1 Very confident 2 Confident 3 Not very confident 4 Not at all confident 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q01	Feel study_worry Q32a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q02	Feel study_not good Q32b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST32Q03	Feel study_tense Q32c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q04	Feel study_good <marks> Q32d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q05	Feel study_nervous Q32e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q06	Feel study_quickly Q32f	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q07	Feel study_best subject Q32g	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST32Q08	Feel study_helpless Q32h	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q09	Feel study_underst. diffc. Q32i	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST32Q10	Feel study_poor <marks> Q32j	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST33Q01	Hours Maths homework Q33a	Numeric	5.1	As stated (range: 0.0 – 25.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST33Q02	Hours Maths <Remedial> Q33b	Numeric	5.1	As stated (range: 0.0 – 10.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST33Q03	Hours Maths <Enrichment> Q33c	Numeric	5.1	As stated (range: 0.0 – 10.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST33Q04	Hours Maths tutor Q33d	Numeric	5.1	As stated (range: 0.0 – 10.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST33Q05	Hours Maths <out-of-school> Q33e	Numeric	5.1	As stated (range: 0.0 – 10.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST33Q06	Hours Maths other Q33f	Numeric	5.1	As stated (range: 0.0 – 10.0) 997.0 N/A 998.0 Invalid 999.0 Missing	PSQ	All respondents (n=10370)
ST34Q01	Learn_important parts Q34a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q02	Learn_new ways Q34b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q03	Learn_check myself Q34c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q04	Learn_concepts Q34d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST34Q05	Learn_everyday life Q34e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q06	Learn_solve when sleep Q34f	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q07	Learn_by heart Q34g	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q08	Learn_by relating Q34h	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q09	Learn_examples Q34i	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST34Q10	Learn_clarify Q34j	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q11	Learn_applied Q34k	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q12	Learn_exactly Q34l	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q13	Learn_procedure Q34m	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q14	Learn_relate Q34n	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST34Q15N	Learn_to understand reasons Q34o	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST34Q16N	Learn_tchr explain Q34p	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST35Q02	Maths <class periods> Q35b	Numeric	3	As stated (range: 0 – 40) 997 N/A 998 Invalid 999 Missing	PSQ	All respondents (n=10370)
ST35Q03	All <class periods> Q35c	Numeric	3	As stated (range: 3 – 80) 997 N/A 998 Invalid 999 Missing	PSQ	All respondents (n=10370)
ST36Q01	Students in Maths Q36	Numeric	3	As stated (range: 1 – 80) 997 N/A 998 Invalid 999 Missing	PSQ	All respondents (n=10370)
ST37Q01	Attitudes be the best Q37a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q02	Attitudes work groups Q37b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST37Q03	Attitudes exams Q37c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q04	Attitudes project Q37d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q05	Attitudes effort Q37e	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q06	Attitudes work with other Q37f	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q07	Attitudes do better Q37g	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST37Q08	Attitudes helping Q37h	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q09	Attitudes learn most Q37i	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST37Q10	Attitudes best work Q37j	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q01	Lesson interested Q38a	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q02	Lesson don't listen Q38b	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST38Q03	Lesson extra help Q38c	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q04	Lesson book work Q38d	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q05	Lesson help learning Q38e	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q06	Lesson noise Q38f	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q07	Lesson understand Q38g	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
ST38Q08	Lesson <quieten down> Q38h	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q09	Lesson can't work well Q38i	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q10	Lesson opinions Q38j	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
ST38Q11	Lesson late start Q38k	Numeric	1	1 Every lesson 2 Most lessons 3 Some lessons 4 Never or hardly ever 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
PISA student questionnaire responses (section G, computers)						
IC01Q01	Available at home IC1a	Numeric	1	1 Yes 2 No 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC01Q02	Available at school IC1b	Numeric	1	1 Yes 2 No 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC01Q03	Available at other places IC1c	Numeric	1	1 Yes 2 No 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC02Q01	Used computer IC2	Numeric	1	1 Yes 2 No 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC03Q01	How long using computers Q3	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC04Q01	Use often at home IC4a	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC04Q02	Use often at school IC4b	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC04Q03	Use often at other places IC4c	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q01	How often information IC5a	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q02	How often games IC5b	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q03	How often Word IC5c	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC05Q04	How often group IC5d	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q05	How often spreadsheets IC5e	Numeric	1	1 Less than 1 year 2 1 to 3 years 3 3 to 5 years 4 More than 5 years 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q06	How often Internet software? IC5f	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q07	How often graphics IC5g	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q08	How often educ software IC5h	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC05Q09	How often learning IC5i	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q10	How often download music IC5j	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q11	How often programming IC5k	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC05Q12	How often chatrooms IC5l	Numeric	1	1 Almost every day 2 A few times each week 3 Between 1 per week and 1 per month 4 Less than 1 per month 5 Never 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q01	How well start game IC6a	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC06Q02	How well antiviruses IC6b	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q03	How well open file IC6c	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q04	How well edit IC6d	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q05	How well scroll IC6e	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q06	How well addresses IC6f	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC06Q07	How well copy IC6g	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q08	How well save IC6h	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q09	How well print IC6i	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q10	How well delete IC6j	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q11	How well move IC6k	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC06Q12	How well Internet IC6l	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q13	How well download file IC6m	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q14	How well attach IC6n	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q15	How well program IC6o	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q16	How well spreadsheet plot IC6p	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC06Q17	How well PowerPoint IC6q	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q18	How well games IC6r	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q19	How well download music IC6s	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q20	How well multimedia IC6t	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q21	How well draw IC6u	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC06Q22	How well emails IC6v	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC06Q23	How well web page IC6w	Numeric	1	1 Can do well 2 Can do with help 3 Cannot do 4 Don't know 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC07Q01	Feel important IC7a	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC07Q02	Feel fun IC7b	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC07Q03	Feel interested IC7c	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
IC07Q04	Feel forget time IC7d	Numeric	1	1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC08Q01	Learn Computer IC8	Numeric	1	1 My school 2 My friends 3 My family 4 Taught myself 5 Others 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
IC09Q01	Learn Internet IC9	Numeric	1	1 Don't know how to use 2 My school 3 My friends 4 My family 5 Taught myself 6 Others 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
PISA student questionnaire responses (section H, time at school)						
EC01Q01	Miss two months <ISCED 1> Q1	Numeric	1	1 No, never 2 Yes, once 3 Yes, twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
EC02Q01	Miss two months <ISCED 2> Q2	Numeric	1	1 No, never 2 Yes, once 3 Yes, twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
EC03Q01	Change while in <ISCED 1> Q3	Numeric	1	1 No, all <ISCED 1> same school 2 Yes, changed once 3 Yes, changed twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
EC04Q01	Change while in <ISCED 2> Q4	Numeric	1	1 No, all <ISCED 1> same school 2 Yes, changed once 3 Yes, changed twice or more 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
EC06Q01	Type <Mathematics class> Q6	Numeric	1	1 <high level> 2 <medium level> 3 <basic level> 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)
EC07Q02	Pass mark in Maths Q7	Numeric	1	1 At or above <pass mark> 2 Below <pass mark> 7 N/A 8 Invalid 9 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
EC08Q01	Job at 30 Q8	String	4	As stated (range: 1000 – 9505) 9997 N/A 9998 Invalid 9999 Missing	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
PISA student questionnaire indices: student-level simple indices						
AGE	Age of Student	Numeric	5.2	As stated (range: 15.25 – 16.42) 97.00 N/A 98.00 Invalid 99.00 Missing	PSI	All respondents (n=10370)
ISCEDL	ISCED Level	Numeric	1	1 ISCED level 1 2 ISCED level 2 3 ISCED level 3	PSQ	All respondents (n=10370)
ISCEDD	ISCED Designation	Numeric	1	1 A 2 B 3 C 4 M	PDV	All respondents (n=10370)
ISCEDO	ISCED Orientation	Numeric	1	1 General 2 Pre-vocational 3 Vocational	PDV	All respondents (n=10370)
FAMSTRUC	Family Structure	Numeric	1	1 Single parent family 2 Nuclear family 3 Mixed family 4 Other 9 Missing	PSQ	All respondents (n=10370)
BMMJ	ISCO code Mother	Numeric	2	As stated (range: 16 – 90) 97 N/A 98 Invalid 99 Missing	PDV	All respondents (n=10370)
BFMJ	ISCO code Father	Numeric	2	As stated (range: 16 – 90) 97 N/A 98 Invalid 99 Missing	PDV	All respondents (n=10370)
HISEI	Highest parental occupational status	Numeric	2	As stated (range: 16 – 90) 97 N/A 98 Invalid 99 Missing	PDV	All respondents (n=10370)
MSECATEG	Mother White collar/Blue collar classification	Numeric	1	1 White Collar high skilled 2 White Collar low skilled 3 Blue Collar high skilled 4 Blue Collar low skilled 9 Missing	PDV	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
FSECATEG	Father White collar/Blue collar classification	Numeric	1	1 White Collar high skilled 2 White Collar low skilled 3 Blue Collar high skilled 4 Blue Collar low skilled 9 Missing	PDV	All respondents (n=10370)
HSECATEG	Highest Parent White collar/Blue collar classification	Numeric	1	1 White Collar high skilled 2 White Collar low skilled 3 Blue Collar high skilled 4 Blue Collar low skilled 9 Missing	PDV	All respondents (n=10370)
MISCED	Educational level of Mother (ISCED)	Numeric	1	0 ISCED 1 1 ISCED 2 2 ISCED 3B, C 3 ISCED 3A, ISCED 4 4 ISCED 5B 5 ISCED 5A 6 ISCED5A, 6 9 Missing	PDV	All respondents (n=10370)
FISCED	Educational level of Father (ISCED)	Numeric	1	0 ISCED 1 1 ISCED 2 2 ISCED 3B, C 3 ISCED 3A, ISCED 4 4 ISCED 5B 5 ISCED 5A 6 ISCED5A, 6 9 Missing	PDV	All respondents (n=10370)
HISCED	Highest educational level of parents	Numeric	1	0 ISCED 1 1 ISCED 2 2 ISCED 3B, C 3 ISCED 3A, ISCED 4 4 ISCED 5B 5 ISCED 5A 6 ISCED5A, 6 9 Missing	PDV	All respondents (n=10370)
IMMIG	Country of Birth	Numeric	1	1 Native-students 2 First-Generation students 3 Non-native students 9 Missing	PDV	All respondents (n=10370)
LANGHOME	Language spoken at home	Numeric	3	See Appendix 2	PSQ	All respondents (n=10370)

Variable ID	Variable Label	Format	Width	Valid Responses	Source	Base
LANG_L	Language Spoken at Home (using Major Groups)	Numeric	2	01 Australian Indigenous Language 11 English 12 Maori 13 Polynesian Languages 21 Welsh 23 Western European Languages 24 Northern European Languages 31 Southern European Languages 32 South East European Languages 33 Eastern European Languages 42 Middle Eastern Languages 51 Mainland South Eastern Asian 52 Maritime South Eastern Asian Languages 61 Chinese Languages 62 Japanese and Korean 71 Southern Asian Languages 72 Central Asian Languages 81 African Languages 91 Australian Sign Language (AUSLAN)	PDV	All respondents (n=10370)
LANG	Language at home, National	String	6	As stated xxxncc xxxn = PISA country code cc = national	PDV	All respondents (n=10370)
GRADE	Grade compared to modal grade in country	Numeric	2	As stated (range: -3 – 2) 97 N/A 98 Invalid 99 Missing	PSI	All respondents (n=10370)
SISCED	Expected educational level of student (ISCED)	Numeric	1	0 ISCED 1 1 ISCED 2 2 ISCED 3B, C 3 ISCED 3A, ISCED 4 4 ISCED 5B 5 ISCED 5A 6 ISCED5A, 6 9 Missing	PDV	All respondents (n=10370)
BSMJ	ISCO code Student	Numeric	2	As stated (range: 16 – 88) 97 N/A 98 Invalid 99 Missing	PDV	All respondents (n=10370)

