

# International - Trends in International Mathematics and Science Study 1999

**TIMSS International Study Center - Boston College**

Report generated on: March 10, 2014

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# Overview

## Identification

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### ID NUMBER

int-iea-timss-1999-v1.1

## Version

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### VERSION DESCRIPTION

v1.1: Edited, anonymised data for public distribution

### NOTES

In the original version of the TIMSS 1999, the data was made available in country, population (i.e. grade) and survey subtype specific chunks. The original version of this dataset was only available in raw data form from the IEA website. This version of the data is a repackaging of that original data, with the raw datafiles converted and collated for each survey subtype and population, and variables and values labelled.

## Overview

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### ABSTRACT

TIMSS 1999 (also known as TIMSS-Repeat or TIMSS-R) represents the continuation of a long series of studies conducted by the International Association for the Evaluation of Educational Achievement (IEA). The Third International Mathematics and Science Study (TIMSS), conducted in 1994- 1995, was the largest and most complex IEA study to date, and included both mathematics and science at third and fourth grades, seventh and eighth grades, and the final year of secondary school.

Of the 42 countries that participated in TIMSS2 at the eighth grade in 1995, 26 availed themselves of the opportunity to measure changes in the achievement of their students by also taking part in TIMSS 1999. Twelve additional countries participated

in 1999, for a total of 38 countries. The database contains achievement data and student, teacher, and school background data collected in those 38 countries that participated in TIMSS 1999. It also contains the data for the 42 countries that took part in the 1995 Population 2 assessment. In total, the TIMSS 1999 database contains responses of nearly 500,000 students, over 50,000 mathematics and science teachers, and over 12,000 school principals collected between 1995 and 1999. Each country gave the IEA permission to release its national data. The TIMSS 1999 International Database contains the following for each country for which internationally comparable data are available.

- Students' responses to cognitive mathematics and science items
- Students' responses to the background questionnaire
- Teachers' responses to the background questionnaire
- Principals' responses to the background questionnaire
- Test-curriculum matching analysis data
- Data almanacs

### KIND OF DATA

Sample survey data [ssd]

### UNITS OF ANALYSIS

Units of analysis in the study include documents, schools and individuals

## Scope

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**NOTES**

TIMSS 1999 was the second assessment in the series of IEA studies to measure trends in students' mathematics and science achievement. TIMSS 1999 was conducted by the TIMSS & PIRLS International Study Center at Boston College and included 38 countries. The 1999 assessment measured the mathematics and science achievement of eighth-grade students (ages 13 and 14 years) and collected extensive information from students, teachers, and school principals about mathematics and science curricula, instruction, home contexts, and school characteristics and policies. Of the 38 participating countries, 26 also participated in the 1995 TIMSS assessment, which enabled these countries to measure trends in their children's mathematics and science achievement and in schools and home contexts for learning.

The TIMSS 1999 Benchmarking Study included 13 states and 14 districts or consortia of districts from all across the United States. The TIMSS 1999 assessments were administered to representative samples of eighth-grade students in the districts and states in the spring of 1999, at the same time and following the same guidelines as those established for the 38 participating countries. In addition to testing achievement in mathematics and science, the TIMSS 1999 Benchmarking Study collected extensive information from students, teachers, and school principals about mathematics and science curricula, instruction, home contexts, and school characteristics and policies.

**TOPICS**

Topic	Vocabulary	URI
basic skills education [6.1]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
educational policy [6.3]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>

## Coverage

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**GEOGRAPHIC COVERAGE**

The survey had international coverage

**GEOGRAPHIC UNIT**

Country level

**UNIVERSE**

The study covered curricula and text-books, teachers and pupils at selected schools in the country

## Producers and Sponsors

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**PRIMARY INVESTIGATOR(S)**

Name	Affiliation
TIMSS International Study Center	Boston College

**FUNDING**

Name	Abbreviation	Role
National Center for Education Statistics, U.S. Department of Education	NCES	Funder
National Science Foundation, U.S.	NSF	Funder
World Bank		Funder

## Metadata Production

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**METADATA PRODUCED BY**

Name	Abbreviation	Affiliation	Role
DataFirst		University of Cape Town	DDI Producer

**DATE OF METADATA PRODUCTION**

2012-05-03

**DDI DOCUMENT VERSION**

Version 1

**DDI DOCUMENT ID**

ddi-int-datafirst-timss-1999-v1.1

## Sampling

No content available

# Questionnaires

## Overview

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Data for the study was gathered through assessments of curricular documentation, and with questionnaires, including student, teacher (mathematics and science teachers), and school background questionnaires. Data Almanac files from the survey contain weighted summary statistics for each participating country on each variable in each of the questionnaires.

## Data Collection

### Data Collection Dates

Start	End	Cycle
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### Data Collection Mode

Face-to-face [f2f]

### Data Collection Notes

IN ADDITION TO MEASURING TRENDS in mathematics and science achievement through analysis of curricula and text-books, TIMSS 1999 collected extensive information about the teaching and learning of mathematics and science around the world. Through a series of questionnaires, TIMSS gathered information about curriculum, instructional practices, policies, and student background and attitudes. Many of the questions also were asked in 1995, providing trends for countries that participated in both assessments.

### Questionnaires

Data for the study was gathered through assessments of curricular documentation, and with questionnaires, including student, teacher (mathematics and science teachers), and school background questionnaires. Data Almanac files from the survey contain weighted summary statistics for each participating country on each variable in each of the questionnaires.

## Data Processing

No content available



## Data Appraisal

No content available

## File Description

## Variable List

## TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

Content

Cases 7495

Variable(s) 325

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V1	VERSION	*VERSION NUMBER*	discrete	numeric	
V2	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V3	IDSUBJCT	*SUBJECT ID*	discrete	numeric	
V4	IDPOP	*POPULATION ID*	discrete	numeric	
V5	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V6	IDTEACH	*TEACHER ID*	contin	numeric	
V7	IDLINK	*TEACHER LINK NUMBER*	contin	numeric	
V8	ITCOURSE	*NAME OF COURSE*	discrete	numeric	
V9	BTBGAGE	GEN\AGE OF TEACHER	discrete	numeric	
V10	BTBGSEX	GEN\SEX OF TEACHER	discrete	numeric	
V11	BTBGTAUG	GEN\YEARS BEEN TEACHING	contin	numeric	
V12	BTBGTOTL	GEN\SCHEDULED HOURS ALTOGETHER	contin	numeric	
V13	BTBMSUB1	MAT\SCHEDULED SUBJECTS\MATHEMATICS	contin	numeric	
V14	BTBSSUB2	SCI\SCHEDULED SUBJECTS\GENERAL SCI	contin	numeric	
V15	BTBSSUB3	SCI\SCHEDULED SUBJECTS\PHYSICAL SCI	contin	numeric	
V16	BTBSSUB4	SCI\SCHEDULED SUBJECTS\EARTH SCIENCE	contin	numeric	
V17	BTBSSUB5	SCI\SCHEDULED SUBJECTS\LIFE SCIENCE	contin	numeric	
V18	BTBSSUB6	SCI\SCHEDULED SUBJECTS\BIOLOGY	contin	numeric	
V19	BTBSSUB7	SCI\SCHEDULED SUBJECTS\CHEMISTRY	contin	numeric	
V20	BTBSSUB8	SCI\SCHEDULED SUBJECTS\PHYSICS	contin	numeric	
V21	BTBGSUB9	GEN\SCHEDULED SUBJECTS\OTHER	contin	numeric	
V22	BTBGTSK1	GEN\SCHEDULED TASKS\SUPERVISION	contin	numeric	
V23	BTBGTSK2	GEN\SCHEDULED TASKS\COUNSELLING	contin	numeric	
V24	BTBGTSK3	GEN\SCHEDULED TASKS\ADMINISTRATION	contin	numeric	
V25	BTBGTSK4	GEN\SCHEDULED TASKS\INDIVID PLANNING	contin	numeric	
V26	BTBGTSK5	GEN\SCHEDULED TASKS\COOP PLANNING	contin	numeric	
V27	BTBGTSK6	GEN\SCHEDULED TASKS\NON SPECIFIED	contin	numeric	
V28	BTBGTSK7	GEN\SCHEDULED TASKS\OTHER	contin	numeric	

ID	Name	Label	Type	Format	Question
V29	BTBGACT1	GEN\OUTSIDE SCHL\PREPARE TEST	discrete	numeric	
V30	BTBGACT2	GEN\OUTSIDE SCHL\READ STUDENT WORK	discrete	numeric	
V31	BTBGACT3	GEN\OUTSIDE SCHL\PLAN LESSONS	discrete	numeric	
V32	BTBGACT4	GEN\OUTSIDE SCHL\MEET STUDENTS	discrete	numeric	
V33	BTBGACT5	GEN\OUTSIDE SCHL\MEET PARENTS	discrete	numeric	
V34	BTBGACT6	GEN\OUTSIDE SCHL\PROFESSIONL READING	discrete	numeric	
V35	BTBGACT7	GEN\OUTSIDE SCHL\UPDATE STUD RECORDS	discrete	numeric	
V36	BTBGACT8	GEN\OUTSIDE SCHL\ADMINISTRATVE TASKS	discrete	numeric	
V37	BTBGACT9	GEN\OUTSIDE SCHL\OTHER	discrete	numeric	
V38	BTBGALTO	GEN\TEACHING ACTIVITIES ALTOGETHER	contin	numeric	
V39	BTBGMEET	GEN\MEETING WITH OTHER TEACHERS	discrete	numeric	
V40	BTBGINF1	GEN\INFLUENCE\SUBJECT MATTER	discrete	numeric	
V41	BTBGINF2	GEN\INFLUENCE\SPECIFIC TEXTBOOKS	discrete	numeric	
V42	BTBGINF3	GEN\INFLUENCE\MONEY FOR SUPPLIES	discrete	numeric	
V43	BTBGINF4	GEN\INFLUENCE\KIND OF SUPPLIES	discrete	numeric	
V44	BTBMIMP1	MAT\GD\IMPT\REMEMBER FORMULAS	discrete	numeric	
V45	BTBMIMP2	MAT\GD\IMPT\SEQUENTIAL AND PROCEDURAL	discrete	numeric	
V46	BTBMIMP3	MAT\GD\IMPT\UNDERSTAND CONCEPTS	discrete	numeric	
V47	BTBMIMP4	MAT\GD\IMPT\THINK CREATIVELY	discrete	numeric	
V48	BTBMIMP5	MAT\GD\IMPT\HOW USED IN REAL WORLD	discrete	numeric	
V49	BTBMIMP6	MAT\GD\IMPT\SUPPORT SOLUTIONS	discrete	numeric	
V50	BTBMAGR1	MAT\PRIMARYLY AN ABSTRACT SUBJECT	discrete	numeric	
V51	BTBMAGR2	MAT\FORMAL REPRESENTATION OF WORLD	discrete	numeric	
V52	BTBMAGR3	MAT\PRACTICAL AND STRUCTURED GUIDE	discrete	numeric	
V53	BTBGAGR4	GEN\PRACTICE TO OVERCOME DIFFICULTY	discrete	numeric	
V54	BTBMAGR5	MAT\NATURAL TALENT FOR MATH	discrete	numeric	
V55	BTBMAGR6	MAT\USE MORE THAN 1 REPRESENTATION	discrete	numeric	
V56	BTBMAGR7	MAT\SET OF ALGORITHMS OR RULES	discrete	numeric	
V57	BTBMAGR8	MAT\BASIC COMPUTATIONAL SKILLS	discrete	numeric	
V58	BTBMAGR9	MAT\LIKING AND UNDERSTANDING STUDENTS	discrete	numeric	
V59	BTBMFAM1	MAT\NATIONAL CURRICULUM GUIDE	discrete	numeric	
V60	BTBMFAM2	MAT\REGIONAL CURRICULUM GUIDE	discrete	numeric	
V61	BTBGFAM3	GEN\SCHOOL CURRICULUM GUIDE	discrete	numeric	
V62	BTBGFAM4	GEN\NATIONAL EXAM SPECIFICATIONS	discrete	numeric	
V63	BTBGFAM5	GEN\REGIONAL EXAM SPECIFICATIONS	discrete	numeric	
V64	BTBMFAM6	MAT\NATIONAL PEDAGOGY GUIDE	discrete	numeric	
V65	BTBMFAM7	MAT\REGIONAL PEDAGOGY GUIDE	discrete	numeric	
V66	BTBMFP01	MAT\PREP\FRACTIONS, DECIMALS, PERCENTAGE	discrete	numeric	
V67	BTBMFP02	MAT\PREP\RATIOS AND PROPORTIONS	discrete	numeric	
V68	BTBMFP03	MAT\PREP\MEASUREMENTS - UNITS, ...	discrete	numeric	

ID	Name	Label	Type	Format	Question
V69	BTBMFP04	MAT\PREP\PERIMETER, AREA, VOLUME	discrete	numeric	
V70	BTBMFP05	MAT\PREP\GEOM FIG - DEF, PROPERTIES	discrete	numeric	
V71	BTBMFP06	MAT\PREP\GEOM FIG - SYMMETRY, ...	discrete	numeric	
V72	BTBMFP07	MAT\PREP\COORDINATE GEOMETRY	discrete	numeric	
V73	BTBMFP08	MAT\PREP\ALGEBRAIC REPRESENTATION	discrete	numeric	
V74	BTBMFP09	MAT\PREP\EVAL. + PERFORM OP ON ALG. EQTN	discrete	numeric	
V75	BTBMFP10	MAT\PREP\SOLVE LINEAR EQUATIONS	discrete	numeric	
V76	BTBMFP11	MAT\PREP\REPR. + INTERPR. DATA IN GRAPHS	discrete	numeric	
V77	BTBMFP12	MAT\PREP\SIMPLE PROBABILITIES	discrete	numeric	
V78	BTBGEDUC	GEN\LEVEL OF EDUCATION COMPLETED	discrete	numeric	
V79	BTBGTRAC	GEN\TEACHER TRAINING CERTIFICATE	discrete	numeric	
V80	BTBGYETR	GEN\YEARS PRE SERVICE TRAINING	contin	numeric	
V81	BTBGPTR	GEN\BEGIN SECONDARY SCHOOL	discrete	numeric	
V82	BTBGCMA5	GEN\HAVE BA	discrete	numeric	
V83	BTBGCMA1	GEN\MAIN STUDY FOR BA\MATHEMATICS	discrete	numeric	
V84	BTBGCMA2	GEN\MAIN STUDY FOR BA\BIOLOGY	discrete	numeric	
V85	BTBGCMA3	GEN\MAIN STUDY FOR BA\PHYSICS	discrete	numeric	
V86	BTBGCMA4	GEN\MAIN STUDY FOR BA\CHEMISTRY	discrete	numeric	
V87	BTBGCMA5	GEN\MAIN STUDY FOR BA\EDUCATION	discrete	numeric	
V88	BTBGCMA6	GEN\MAIN STUDY FOR BA\MATH EDUCATION	discrete	numeric	
V89	BTBGCMA7	GEN\MAIN STUDY FOR BA\SCIENCE EDUCATION	discrete	numeric	
V90	BTBGCMA8	GEN\MAIN STUDY FOR BA\OTHER	discrete	numeric	
V91	BTBGMMAS	GEN\HAVE MASTERS DEGREE	discrete	numeric	
V92	BTBGMA1	GEN\MAIN STUDY FOR MA\MATHEMATICS	discrete	numeric	
V93	BTBGMA2	GEN\MAIN STUDY FOR MA\BIOLOGY	discrete	numeric	
V94	BTBGMA3	GEN\MAIN STUDY FOR MA\PHYSICS	discrete	numeric	
V95	BTBGMA4	GEN\MAIN STUDY FOR MA\CHEMISTRY	discrete	numeric	
V96	BTBGMA5	GEN\MAIN STUDY FOR MA\EDUCATION	discrete	numeric	
V97	BTBGMA6	GEN\MAIN STUDY FOR MA\MATH EDUCATION	discrete	numeric	
V98	BTBGMA7	GEN\MAIN STUDY FOR MA\SCIENCE EDUCATION	discrete	numeric	
V99	BTBGMA8	GEN\MAIN STUDY FOR MA\OTHER	discrete	numeric	
V100	BTBGCARE	GEN\WAS TEACHING FIRST CHOICE	discrete	numeric	
V101	BTBGCHNG	GEN\WOULD YOU CHANGE CAREER	discrete	numeric	
V102	BTBGSOAP	GEN\IS WORK APPRECIATED BY SOCIETY	discrete	numeric	
V103	BTBGSTAP	GEN\IS WORK APPRECIATED BY STUDENTS	discrete	numeric	
V104	BTBGBOOK	GEN\NUMBER OF BOOKS IN HOME	discrete	numeric	
V105	BTBMBOY	MAT\CLSS\NUMBER OF BOYS IN CLASS	contin	numeric	
V106	BTBMGIRL	MAT\CLSS\NUMBER OF GIRLS IN CLASS	contin	numeric	
V107	BTDMTOEN	MAT\CLSS\NUMBER OF STUDENTS IN CLASS	contin	numeric	
V108	BTBMSMEC	MAT\CLSS\SUBJECT MATTER EMPHASIS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V109	BTBMTIME	MAT\CLSS\LENGTH OF MATH CLASS	contin	numeric	
V110	BTBMTXBK	MAT\CLSS\USE MATH TEXTBOOK	discrete	numeric	
V111	BTBMTXBR	MAT\CLSS\TEXTBOOK BASED TEACHING	discrete	numeric	
V112	BTBMCUDL	MAT\USE CALCULATORS DURING LESSONS	discrete	numeric	
V113	BTBMWECF	MAT\EXTENT CALCULATORS PERMITTED	discrete	numeric	
V114	BTBMCAL1	MAT\CALCS FOR CHECKING ANSWERS	discrete	numeric	
V115	BTBMCAL2	MAT\CALCS FOR TESTS AND EXAMS	discrete	numeric	
V116	BTBMCAL3	MAT\CALCS FOR ROUTINE COMPUTATIO	discrete	numeric	
V117	BTBMCAL4	MAT\CALCS FOR COMPLEX PROBLEMS	discrete	numeric	
V118	BTBMCAL5	MAT\CALCS FOR NUMBER CONCEPTS	discrete	numeric	
V119	BTBMCOM1	MAT\COMPUTERS\IN CLASSROOMS	discrete	numeric	
V120	BTBMCOM2	MAT\COMPUTERS\IN OTHER ROOMS	discrete	numeric	
V121	BTBMINT1	MAT\COMPUTERS\ACCESS INTERNET	discrete	numeric	
V122	BTBMINT2	MAT\COMPUTERS\USE INTERNET	discrete	numeric	
V123	BTBMSRC1	MAT\SOURCE\WHICH TOPIC TO TEACH	discrete	numeric	
V124	BTBMSRC2	MAT\SOURCE\HOW TO PRESENT A TOPIC	discrete	numeric	
V125	BTBMSRC3	MAT\SOURCE\CLASS WORK AND HOMEWORK	discrete	numeric	
V126	BTBMSRC4	MAT\SOURCE\ASSESSMENT AND EVALUATN	discrete	numeric	
V127	BTBMASK1	MAT\TASKS\EXPLAIN REASONING	discrete	numeric	
V128	BTBMASK2	MAT\TASKS\ANALYZE RELATIONSHIPS	discrete	numeric	
V129	BTBMASK3	MAT\TASKS\WORK ON PROBLEMS	discrete	numeric	
V130	BTBMASK4	MAT\TASKS\USE COMPUTERS	discrete	numeric	
V131	BTBMASK5	MAT\TASKS\WRITE EQUATIONS	discrete	numeric	
V132	BTBMASK6	MAT\TASKS\PRACTICE COMPUTATION	discrete	numeric	
V133	BTBMASK7	MAT\TASKS\USE GRAPHING CALCULATORS	discrete	numeric	
V134	BTBMLES1	MAT\INDIVIDUAL WORK\NO ASSISTANCE	discrete	numeric	
V135	BTBMLES2	MAT\INDIVIDUAL WORK\ASSISTANCE	discrete	numeric	
V136	BTBMLES3	MAT\WORK TOGETHER\TEACHER TEACHES	discrete	numeric	
V137	BTBMLES4	MAT\WORK TOGETHER\STUDENTS INTERACT	discrete	numeric	
V138	BTBMLES5	MAT\WORK IN GROUPS\NO ASSISTANCE	discrete	numeric	
V139	BTBMLES6	MAT\WORK IN GROUPS\ASSISTANCE	discrete	numeric	
V140	BTBMACT1	MAT\PERCENTAGE SPENT\ADMINISTRATIVE	contin	numeric	
V141	BTBMACT2	MAT\PERCENTAGE SPENT\HOMEWORK REVIEW	contin	numeric	
V142	BTBMACT3	MAT\PERCENTAGE SPENT\LECTURE STYLE	contin	numeric	
V143	BTBMACT4	MAT\PERCENTAGE SPENT\GUIDED PRACTICE	contin	numeric	
V144	BTBMACT5	MAT\PERCENTAGE SPENT\RE-TEACHING	contin	numeric	
V145	BTBMACT6	MAT\PERCENTAGE SPENT\STUDENT PRACTICE	contin	numeric	
V146	BTBMACT7	MAT\PERCENTAGE SPENT\TEST AND QUIZZES	contin	numeric	
V147	BTBMACT8	MAT\PERCENTAGE SPENT\OTHER	contin	numeric	
V148	BTBMTB01	MAT\FRAC\WHOLE NUMBERS\BEFORE	discrete	numeric	

ID	Name	Label	Type	Format	Question
V149	BTBMTT01	MAT\FRAC\WHOLE NUMBERS\THIS YEAR	discrete	numeric	
V150	BTBMNT01	MAT\FRAC\WHOLE NUMBERS\NOT KNOW	discrete	numeric	
V151	BTBMTB02	MAT\FRAC\FRAC UNDERSTANDING\BEFORE	discrete	numeric	
V152	BTBMTT02	MAT\FRAC\FRAC UNDERSTANDING\THIS YEAR	discrete	numeric	
V153	BTBMNT02	MAT\FRAC\FRAC UNDERSTANDING\NOT KNOW	discrete	numeric	
V154	BTBMTB03	MAT\FRAC\FRAC COMPUTATIONS\BEFORE	discrete	numeric	
V155	BTBMTT03	MAT\FRAC\FRAC COMPUTATIONS\THIS YEAR	discrete	numeric	
V156	BTBMNT03	MAT\FRAC\FRAC COMPUTATIONS\NOT KNOW	discrete	numeric	
V157	BTBMTB04	MAT\FRAC\DEC FRAC UNDERSTANDING\BEFORE	discrete	numeric	
V158	BTBMTT04	MAT\FRAC\DEC FRAC UNDERSTANDING\THIS YEA	discrete	numeric	
V159	BTBMNT04	MAT\FRAC\DEC FRAC UNDERSTANDING\NOT KNOW	discrete	numeric	
V160	BTBMTB05	MAT\FRAC\DEC FRAC COMPUTATIONS\BEFORE	discrete	numeric	
V161	BTBMTT05	MAT\FRAC\DEC FRAC COMPUTATIONS\THIS YEAR	discrete	numeric	
V162	BTBMNT05	MAT\FRAC\DEC FRAC COMPUTATIONS\NOT KNOW	discrete	numeric	
V163	BTBMTB06	MAT\FRAC\RELATION BETW FRACS\BEFORE	discrete	numeric	
V164	BTBMTT06	MAT\FRAC\RELATION BETW FRACS\THIS YEAR	discrete	numeric	
V165	BTBMNT06	MAT\FRAC\RELATION BETW FRACS\NOT KNOW	discrete	numeric	
V166	BTBMTB07	MAT\FRAC\ROUNDING WHOLE NUMB\BEFORE	discrete	numeric	
V167	BTBMTT07	MAT\FRAC\ROUNDING WHOLE NUMB\THIS YEAR	discrete	numeric	
V168	BTBMNT07	MAT\FRAC\ROUNDING WHOLE NUMB\NOT KNOW	discrete	numeric	
V169	BTBMTB08	MAT\FRAC\ESTIMATING RESULTS\BEFORE	discrete	numeric	
V170	BTBMTT08	MAT\FRAC\ESTIMATING RESULTS\THIS YEAR	discrete	numeric	
V171	BTBMNT08	MAT\FRAC\ESTIMATING RESULTS\NOT KNOW	discrete	numeric	
V172	BTBMTB09	MAT\FRAC\NUMBER LINES\BEFORE	discrete	numeric	
V173	BTBMTT09	MAT\FRAC\NUMBER LINES\THIS YEAR	discrete	numeric	
V174	BTBMNT09	MAT\FRAC\NUMBER LINES\NOT KNOW	discrete	numeric	
V175	BTBMTB10	MAT\FRAC\PERC.: COMPUTS\BEFORE	discrete	numeric	
V176	BTBMTT10	MAT\FRAC\PERC.: COMPUTS\THIS YEAR	discrete	numeric	
V177	BTBMNT10	MAT\FRAC\PERC.: COMPUTS\NOT KNOW	discrete	numeric	
V178	BTBMTB11	MAT\FRAC\NEGATIVE NUMBERS\BEFORE	discrete	numeric	
V179	BTBMTT11	MAT\FRAC\NEGATIVE NUMBERS\THIS YEAR	discrete	numeric	
V180	BTBMNT11	MAT\FRAC\NEGATIVE NUMBERS\NOT KNOW	discrete	numeric	
V181	BTBMTB12	MAT\FRAC\SQUARE ROOTS, EXPONENTS\BEFORE	discrete	numeric	
V182	BTBMTT12	MAT\FRAC\SQUARE ROOTS, EXPONENTS\THIS YE	discrete	numeric	
V183	BTBMNT12	MAT\FRAC\SQUARE ROOTS, EXPONENTS\NOT KNO	discrete	numeric	
V184	BTBMTB13	MAT\MEAS\UNITS\BEFORE	discrete	numeric	
V185	BTBMTT13	MAT\MEAS\UNITS\THIS YEAR	discrete	numeric	
V186	BTBMNT13	MAT\MEAS\UNITS\NOT KNOW	discrete	numeric	
V187	BTBMTB14	MAT\MEAS\MEASUREMENT INSTR.\BEFORE	discrete	numeric	
V188	BTBMTT14	MAT\MEAS\MEASUREMENT INSTR.\THIS YEAR	discrete	numeric	



ID	Name	Label	Type	Format	Question
V189	BTBMNT14	MAT\MEAS\MEASUREMENT INSTR.\NOT KNOW	discrete	numeric	
V190	BTBMTB15	MAT\MEAS\ESTIMATES AND ACCURACY\BEFORE	discrete	numeric	
V191	BTBMTT15	MAT\MEAS\ESTIMATES AND ACCURACY\THIS YEA	discrete	numeric	
V192	BTBMNT15	MAT\MEAS\ESTIMATES AND ACCURACY\NOT KNOW	discrete	numeric	
V193	BTBMTB16	MAT\MEAS\PERIMTR SIMPLE SHAPE\BEFORE	discrete	numeric	
V194	BTBMTT16	MAT\MEAS\PERIMTR SIMPLE SHAPE\THIS YEAR	discrete	numeric	
V195	BTBMNT16	MAT\MEAS\PERIMTR SIMPLE SHAPE\NOT KNOW	discrete	numeric	
V196	BTBMTB17	MAT\MEAS\PERIMTR COMBND SHAPE\BEFORE	discrete	numeric	
V197	BTBMTT17	MAT\MEAS\PERIMTR COMBND SHAPE\THIS YEAR	discrete	numeric	
V198	BTBMNT17	MAT\MEAS\PERIMTR COMBND SHAPE\NOT KNOW	discrete	numeric	
V199	BTBMTB18	MAT\MEAS\VOLUME OF SOLIDS\BEFORE	discrete	numeric	
V200	BTBMTT18	MAT\MEAS\VOLUME OF SOLIDS\THIS YEAR	discrete	numeric	
V201	BTBMNT18	MAT\MEAS\VOLUME OF SOLIDS\NOT KNOW	discrete	numeric	
V202	BTBMTB19	MAT\GEO\CARTESIAN COORD.\BEFORE	discrete	numeric	
V203	BTBMTT19	MAT\GEO\CARTESIAN COORD.\THIS YEAR	discrete	numeric	
V204	BTBMNT19	MAT\GEO\CARTESIAN COORD.\NOT KNOW	discrete	numeric	
V205	BTBMTB20	MAT\GEO\COORDINATES ON A LINE\BEFORE	discrete	numeric	
V206	BTBMTT20	MAT\GEO\COORDINATES ON A LINE\THIS YEAR	discrete	numeric	
V207	BTBMNT20	MAT\GEO\COORDINATES ON A LINE\NOT KNOW	discrete	numeric	
V208	BTBMTB21	MAT\GEO\TWO DIM. GEOMETRY\BEFORE	discrete	numeric	
V209	BTBMTT21	MAT\GEO\TWO DIM. GEOMETRY\THIS YEAR	discrete	numeric	
V210	BTBMNT21	MAT\GEO\TWO DIM. GEOMETRY\NOT KNOW	discrete	numeric	
V211	BTBMTB22	MAT\GEO\CONGRUENCE+SIMILARITY\BEFORE	discrete	numeric	
V212	BTBMTT22	MAT\GEO\CONGRUENCE+SIMILARITY\THIS YEAR	discrete	numeric	
V213	BTBMNT22	MAT\GEO\CONGRUENCE+SIMILARITY\NOT KNOW	discrete	numeric	
V214	BTBMTB23	MAT\GEO\SYMMETRY+TRANSFORM.\BEFORE	discrete	numeric	
V215	BTBMTT23	MAT\GEO\SYMMETRY+TRANSFORM.\THIS YEAR	discrete	numeric	
V216	BTBMNT23	MAT\GEO\SYMMETRY+TRANSFORM.\NOT KNOW	discrete	numeric	
V217	BTBMTB24	MAT\GEO\3-D-SHAPES\BEFORE	discrete	numeric	
V218	BTBMTT24	MAT\GEO\3-D-SHAPES\THIS YEAR	discrete	numeric	
V219	BTBMNT24	MAT\GEO\3-D-SHAPES\NOT KNOW	discrete	numeric	
V220	BTBMTB25	MAT\PROP\SCALES APPLIED TO MAPS\BEFORE	discrete	numeric	
V221	BTBMTT25	MAT\PROP\SCALES APPLIED TO MAPS\THIS YEA	discrete	numeric	
V222	BTBMNT25	MAT\PROP\SCALES APPLIED TO MAPS\NOT KNOW	discrete	numeric	
V223	BTBMTB26	MAT\PROP\RATIO AND PROPORTION\BEFORE	discrete	numeric	
V224	BTBMTT26	MAT\PROP\RATIO AND PROPORTION\THIS YEAR	discrete	numeric	
V225	BTBMNT26	MAT\PROP\RATIO AND PROPORTION\NOT KNOW	discrete	numeric	
V226	BTBMTB27	MAT\ALG\NUMBER PATTERNS\BEFORE	discrete	numeric	
V227	BTBMTT27	MAT\ALG\NUMBER PATTERNS\THIS YEAR	discrete	numeric	
V228	BTBMNT27	MAT\ALG\NUMBER PATTERNS\NOT KNOW	discrete	numeric	

ID	Name	Label	Type	Format	Question
V229	BTBMTB28	MAT\ALG\ALGEBRAIC EXPRESSIONS\BEFORE	discrete	numeric	
V230	BTBMTT28	MAT\ALG\ALGEBRAIC EXPRESSIONS\THIS YEAR	discrete	numeric	
V231	BTBMNT28	MAT\ALG\ALGEBRAIC EXPRESSIONS\NOT KNOW	discrete	numeric	
V232	BTBMTB29	MAT\ALG\REPRESENT SITUATIONS\BEFORE	discrete	numeric	
V233	BTBMTT29	MAT\ALG\REPRESENT SITUATIONS\THIS YEAR	discrete	numeric	
V234	BTBMNT29	MAT\ALG\REPRESENT SITUATIONS\NOT KNOW	discrete	numeric	
V235	BTBMTB30	MAT\ALG\SOLVING EQUATIONS\BEFORE	discrete	numeric	
V236	BTBMTT30	MAT\ALG\SOLVING EQUATIONS\THIS YEAR	discrete	numeric	
V237	BTBMNT30	MAT\ALG\SOLVING EQUATIONS\NOT KNOW	discrete	numeric	
V238	BTBMTB31	MAT\ALG\SOLVING INEQUALITIES\BEFORE	discrete	numeric	
V239	BTBMTT31	MAT\ALG\SOLVING INEQUALITIES\THIS YEAR	discrete	numeric	
V240	BTBMNT31	MAT\ALG\SOLVING INEQUALITIES\NOT KNOW	discrete	numeric	
V241	BTBMTB32	MAT\DATA\REPRESENT+INTERPRET\BEFORE	discrete	numeric	
V242	BTBMTT32	MAT\DATA\REPRESENT+INTERPRET\THIS YEAR	discrete	numeric	
V243	BTBMNT32	MAT\DATA\REPRESENT+INTERPRET\NOT KNOW	discrete	numeric	
V244	BTBMTB33	MAT\DATA\ARITHMETIC MEAN\BEFORE	discrete	numeric	
V245	BTBMTT33	MAT\DATA\ARITHMETIC MEAN\THIS YEAR	discrete	numeric	
V246	BTBMNT33	MAT\DATA\ARITHMETIC MEAN\NOT KNOW	discrete	numeric	
V247	BTBMTB34	MAT\DATA\SIMPLE PROBABILITIES\BEFORE	discrete	numeric	
V248	BTBMTT34	MAT\DATA\SIMPLE PROBABILITIES\THIS YEAR	discrete	numeric	
V249	BTBMNT34	MAT\DATA\SIMPLE PROBABILITIES\NOT KNOW	discrete	numeric	
V250	BTBMLM01	MAT\CLSS\DIFFERENT ACADEMIC ABILITIES	discrete	numeric	
V251	BTBMLM02	MAT\CLSS\WIDE RANGE OF BACKGROUNDS	discrete	numeric	
V252	BTBMLM03	MAT\CLSS\SPECIAL NEEDS	discrete	numeric	
V253	BTBMLM04	MAT\CLSS\UNINTERESTED STUDENTS	discrete	numeric	
V254	BTBMLM05	MAT\CLSS\DISRUPTIVE STUDENTS	discrete	numeric	
V255	BTBMLM06	MAT\CLSS\PARENTS INTRESTD IN PROGRSS	discrete	numeric	
V256	BTBMLM07	MAT\CLSS\PARENTS UNINTRESTD IN PROGR	discrete	numeric	
V257	BTBMLM08	MAT\CLSS\SHORTGE OF COMPUTR HARDWARE	discrete	numeric	
V258	BTBMLM09	MAT\CLSS\SHORTGE OF COMPUTR SOFTWARE	discrete	numeric	
V259	BTBMLM10	MAT\CLSS\SHORTGE OF INSTR EQUIPMENT	discrete	numeric	
V260	BTBMLM11	MAT\CLSS\SHORTGE OF DEMNSTR EQUIPMNT	discrete	numeric	
V261	BTBMLM12	MAT\CLSS\INADEQUATE PHYSICL FACILITS	discrete	numeric	
V262	BTBMLM13	MAT\CLSS\HIGH STUDENT TEACHER RATIO	discrete	numeric	
V263	BTBMLM14	MAT\CLSS\LOW MORAL AMONG STAFF	discrete	numeric	
V264	BTBMLM15	MAT\CLSS\LOW MORAL AMONG STUDENTS	discrete	numeric	
V265	BTBMLM16	MAT\CLSS\THREATS 2 PERS OR STDT SFTY	discrete	numeric	
V266	BTBMHWM2	MAT\HOMEWORK FREQUENCY	discrete	numeric	
V267	BTBMHWM1	MAT\AVERAGE TIME NEEDED FOR HOMEWK	discrete	numeric	
V268	BTBMWKBR	MAT\HOMEWORK\WORKSHEETS OR -BOOK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V269	BTBMPROR	MAT\HOMEWORK\TEXTBOOK PROBLEMS	discrete	numeric	
V270	BTBMREAR	MAT\HOMEWORK\TEXTBOOK READING	discrete	numeric	
V271	BTBMWRIR	MAT\HOMEWORK\WRITING ASSIGNMENT	discrete	numeric	
V272	BTBMDATR	MAT\HOMEWORK\SMALL INVESTIGATIONS	discrete	numeric	
V273	BTBMEIXR	MAT\HOMEWORK\INDIVIDUAL PROJECTS	discrete	numeric	
V274	BTBMGEXR	MAT\HOMEWORK\SMALL GROUP PROJECTS	discrete	numeric	
V275	BTBMFINR	MAT\HOMEWORK\FIND USES OF CONTENT	discrete	numeric	
V276	BTBMORAR	MAT\HOMEWORK\PREPARE ORAL REPORTS	discrete	numeric	
V277	BTBMJORR	MAT\HOMEWORK\KEEP A JOURNAL	discrete	numeric	
V278	BTBMWHNA	MAT\WRITTEN HMWK\DO NOT ASSIGN	discrete	numeric	
V279	BTBMWHR1	MAT\WRITTEN HMWK\RECORD COMPLETION	discrete	numeric	
V280	BTBMWHR2	MAT\WRITTEN HMWK\KEEP ASSIGNMENTS	discrete	numeric	
V281	BTBMWHR3	MAT\WRITTEN HMWK\RETURN ASSIGNMENTS	discrete	numeric	
V282	BTBMWHR4	MAT\WRITTEN HMWK\FEEDBACK TO CLASS	discrete	numeric	
V283	BTBMWHR5	MAT\WRITTEN HMWK\STUDENTS CORRECT OWN	discrete	numeric	
V284	BTBMWHR6	MAT\WRITTEN HMWK\STUDENTS CORRECT OTHER	discrete	numeric	
V285	BTBMWHR7	MAT\WRITTEN HMWK\BASIS FOR DISCUSSION	discrete	numeric	
V286	BTBMWHR8	MAT\WRITTEN HMWK\GRADE CONTRIBUTION	discrete	numeric	
V287	BTBMWGT1	MAT\ASSMNT WEIGHT\STANDARD TESTS	discrete	numeric	
V288	BTBMWGT2	MAT\ASSMNT WEIGHT\REASONING TESTS	discrete	numeric	
V289	BTBMWGT3	MAT\ASSMNT WEIGHT\MULTIPLE CHOICE	discrete	numeric	
V290	BTBMWGT4	MAT\ASSMNT WEIGHT\HOMEWORK PERFRMNC	discrete	numeric	
V291	BTBMWGT5	MAT\ASSMNT WEIGHT\PROJECT PERFRMNC	discrete	numeric	
V292	BTBMWGT6	MAT\ASSMNT WEIGHT\OBSERVATION	discrete	numeric	
V293	BTBMWGT7	MAT\ASSMNT WEIGHT\RESPONSES IN CLASS	discrete	numeric	
V294	BTBGASS1	GEN\FREQUENCY\PROVIDE GRADES	discrete	numeric	
V295	BTBGASS2	GEN\FREQUENCY\PROVIDE FEEDBACK	discrete	numeric	
V296	BTBGASS3	GEN\FREQUENCY\DIAGNOSE PROBLEMS	discrete	numeric	
V297	BTBGASS4	GEN\FREQUENCY\REPORT TO PARENTS	discrete	numeric	
V298	BTBGASS5	GEN\FREQUENCY\ASSIGN DIFFERNT TRACKS	discrete	numeric	
V299	BTBGASS6	GEN\FREQUENCY\PLAN FUTURE LESSONS	discrete	numeric	
V300	BTDGSUBT	GEN\TOTAL HOURS TEACH. TIME (FROM DPC)	contin	numeric	
V301	BTDGTSKT	GEN\TOTAL HOURS PERF. OTHER TASKS (DPC)	contin	numeric	
V302	BTDMMGRD	MAT\HAVE BA OR MASTERS IN MATH	discrete	numeric	
V303	BTDMQUA	MAT\QUALIFICATION TO TEACH MATH	discrete	numeric	
V304	BTDMCPTM	MAT\INDEX OF CONFIDENCE TO TEACH MATH	discrete	numeric	
V305	BTDMTPPT	MAT\PERC. MATH TOPICS PREPARED TO TEACH	contin	numeric	
V306	BTDMSIZE	MAT\AVERAGE CLASS SIZE	contin	numeric	
V307	BTDMSZ3C	MAT\MATH CLASS SIZE IN 3 CATEGORIES	discrete	numeric	
V308	BTDMERPS	MAT\INDEX:EMPHASIS ON PROB.SOLVING	discrete	numeric	

ID	Name	Label	Type	Format	Question
V309	BTDMEMH	MAT\INDEX:EMPHASIS ON MATH HOMEWORK	discrete	numeric	
V310	BTDGMMJ1	GEN\MAJOR AREA OF STUDY FOR DEG:Math	discrete	numeric	
V311	BTDGMMJ2	GEN\MAJOR AREA OF STUDY FOR DEG:Science	discrete	numeric	
V312	BTDGMMJ3	GEN\MAJOR AREA OF STUDY FOR DEG:Educatio	discrete	numeric	
V313	BTDGMMJ4	GEN\MAJOR AREA OF STUDY FOR DEG:Other	discrete	numeric	
V314	BTDGMMJ5	GEN\MAJOR AREA OF STUDY FOR DEG:Math Onl	discrete	numeric	
V315	BTDMHTM	MAT\HRS/WK TEACHING MATH	contin	numeric	
V316	BTDMTIME	MAT\TEACHING MATH TIME /WK IN 4 CAT.	discrete	numeric	
V317	BTDMCALC	MAT\NEVER OR HARDLY EVER USE CALCUL.	discrete	numeric	
V318	BTDMHWK	MAT\AMOUNT OF MATH HOMEWORK	discrete	numeric	
V319	BTDMHWK2	MAT\HOMEWORK BASED ON PROJ. AND INVEST	discrete	numeric	
V320	BTDGTTIM	GEN\PERC. SCHOOL TIME TEACHING ANYTHING	contin	numeric	
V321	BTDMTTIM	MAT\PERC. OF SCHOOL TIME TEACHING MATH	contin	numeric	
V322	BTDGCPLN	GEN\PERC. OF SCHOOL TIME CURRI.PLANNING	contin	numeric	
V323	BTDGADMN	GEN\PERC. OF SCHOOL TIME ADMIN. DUTIES	contin	numeric	
V324	BTDGOTHR	GEN\PERC. OF SCHOOL TIME OTHER ACTIVIT.	contin	numeric	
V325	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	contin	numeric	

## TIMSS 1999 - Population 2 - School Bg - All Countries v1

Content

Cases 6515

Variable(s) 243

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V326	VERSION	*VERSION NUMBER*	discrete	numeric	
V327	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V328	IDPOP	*POPULATION ID*	discrete	numeric	
V329	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V330	BCBGCOMM	GEN\TYPE OF COMMUNITY	discrete	numeric	
V331	BCBGFTE1	GEN\STAFF\PRINCIPALS	contin	numeric	
V332	BCBGFTE2	GEN\STAFF\ASSISTANT PRINCIPALS	contin	numeric	
V333	BCBGFTE3	GEN\STAFF\DEPARTMENT HEADS	contin	numeric	
V334	BCBGFTE4	GEN\STAFF\CLASSROOM TEACHERS	contin	numeric	
V335	BCBGFTE5	GEN\STAFF\TEACHER AIDES	contin	numeric	
V336	BCBGFTE6	GEN\STAFF\LABORATORY TECHNICIANS	contin	numeric	
V337	BCBGFTE7	GEN\STAFF\LEARNING SPECIALISTS	contin	numeric	
V338	BCBGFTE8	GEN\STAFF\OTHER PROFESSIONAL STAFF	contin	numeric	
V339	BCBGFTTE	GEN\NUMBER OF FULL-TIME TEACHERS	contin	numeric	
V340	BCBGPTTE	GEN\NUMBER OF PART-TIME TEACHERS	contin	numeric	
V341	BCBGTE5Y	GEN\TEACHER AT SCHOOL FOR 5+ YEARS	contin	numeric	
V342	BCBMTSA1	MAT\TIME STUDENTS STAY WITH TEACHER MATH	discrete	numeric	
V343	BCBSTSA2	SCI\TIME STUDENTS STAY WITH TEACHER SCI	discrete	numeric	
V344	BCBSTSA3	SCI\TIME STUDENTS STAY WITH TEACHER BIO	discrete	numeric	
V345	BCBSTSA4	SCI\TIME STUDENTS STAY WITH TEACHER CHEM	discrete	numeric	
V346	BCBSTSA5	SCI\TIME STUDENTS STAY WITH TEACHER EART	discrete	numeric	
V347	BCBSTSA6	SCI\TIME STUDENTS STAY WITH TEACHER PHYS	discrete	numeric	
V348	BCBGCOL1	GEN\COOPERATION\OFFICIAL POLICY	discrete	numeric	
V349	BCBGCOL2	GEN\COOPERATION\ENCOURAGED	discrete	numeric	
V350	BCBGCOL3	GEN\COOPERATION\REGULAR MEETINGS	discrete	numeric	
V351	BCBGAC01	GEN\PRINCIPAL\HIRE TEACHERS	contin	numeric	
V352	BCBGAC02	GEN\PRINCIPAL\REPRESENT\COMMUNITY	contin	numeric	
V353	BCBGAC03	GEN\PRINCIPAL\REPRESENT\OFFCL MEETNG	contin	numeric	

ID	Name	Label	Type	Format	Question
V354	BCBGAC04	GEN\PRINCIPAL\INTERNAL ADMINISTRATN	contin	numeric	
V355	BCBGAC05	GEN\PRINCIPAL\TEACHING + PREPARATION	contin	numeric	
V356	BCBGAC06	GEN\PRINCIPAL\DEMONSTRATION LESSON	contin	numeric	
V357	BCBGAC07	GEN\PRINCIPAL\DISCUSS WITH TEACHERS	contin	numeric	
V358	BCBGAC08	GEN\PRINCIPAL\CURRICULUM REVISION	contin	numeric	
V359	BCBGAC09	GEN\PRINCIPAL\TALK WITH PARENTS	contin	numeric	
V360	BCBGAC10	GEN\PRINCIPAL\COUNSELING STUDENTS	contin	numeric	
V361	BCBGAC11	GEN\PRINCIPAL\RESPONDING TO REQUESTS	contin	numeric	
V362	BCBGAC12	GEN\PRINCIPAL\TRAIN TEACHERS	contin	numeric	
V363	BCBGAC13	GEN\PRINCIPAL\PROFESSIONAL DEVELPMNT	contin	numeric	
V364	BCBGAC14	GEN\PRINCIPAL\OTHER ACTIVITIES	contin	numeric	
V365	BCBGRP01	GEN\RESPONSIBLE\HIRE TEACHERS	discrete	numeric	
V366	BCBGRP02	GEN\RESPONSIBLE\DISCIPLINARY POLICY	discrete	numeric	
V367	BCBGRP03	GEN\RESPONSIBLE\GRADING POLICY	discrete	numeric	
V368	BCBGRP04	GEN\RESPONSIBLE\SCHOOL BUDGET	discrete	numeric	
V369	BCBGRP05	GEN\RESPONSIBLE\PURCHASE SUPPLIES	discrete	numeric	
V370	BCBGRP06	GEN\RESPONSIBLE\PLACE STUDENTS	discrete	numeric	
V371	BCBGRP07	GEN\RESPONSIBLE\ASSIGN TEACHERS	discrete	numeric	
V372	BCBGRP08	GEN\RESPONSIBLE\DETERMINE TEXTBOOKS	discrete	numeric	
V373	BCBGRP09	GEN\RESPONSIBLE\HOMEWORK POLICY	discrete	numeric	
V374	BCBGRP10	GEN\RESPONSIBLE\TEACHER SALARIES	discrete	numeric	
V375	BCBGRP11	GEN\RESPONSIBLE\COMMUNITY RELATIONS	discrete	numeric	
V376	BCBGRP12	GEN\RESPONSIBLE\STUDENTS' FAMILIES	discrete	numeric	
V377	BCBGRP13	GEN\RESPONSIBLE\COURSE CONTENT	discrete	numeric	
V378	BCBGRP14	GEN\RESPONSIBLE\COURSE OFFERINGS	discrete	numeric	
V379	BCBGIF01	GEN\INFLUENCE\NATIONAL COUNCIL	discrete	numeric	
V380	BCBGIF02	GEN\INFLUENCE\NATIONAL ASSOCIATION	discrete	numeric	
V381	BCBGIF03	GEN\INFLUENCE\EDUCATIONAL REGION	discrete	numeric	
V382	BCBGIF04	GEN\INFLUENCE\SCHOOL GOVERNING BOARD	discrete	numeric	
V383	BCBGIF05	GEN\INFLUENCE\PRINCIPAL OR HEAD	discrete	numeric	
V384	BCBGIF06	GEN\INFLUENCE\SCHOOL TEACHERS	discrete	numeric	
V385	BCBGIF07	GEN\INFLUENCE\SUBJECT TEACHERS	discrete	numeric	
V386	BCBGIF08	GEN\INFLUENCE\TEACHER INDIVIDUALLY	discrete	numeric	
V387	BCBGIF09	GEN\INFLUENCE\PARENTS	discrete	numeric	
V388	BCBGIF10	GEN\INFLUENCE\STUDENTS	discrete	numeric	
V389	BCBGIF11	GEN\INFLUENCE\RELIGIOUS GROUPS	discrete	numeric	
V390	BCBGIF12	GEN\INFLUENCE\BUSINESS COMMUNITY	discrete	numeric	
V391	BCBGIF13	GEN\INFLUENCE\TEXTBOOK PUBLISHERS	discrete	numeric	
V392	BCBGIF14	GEN\INFLUENCE\EXTERNAL EXAMS	discrete	numeric	
V393	BCBGIF15	GEN\INFLUENCE\TEACHER UNIONS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V394	BCBMCURR	MAT\OWN SCHOOL CURRICULUM CONTENT	discrete	numeric	
V395	BCBSCURR	SCI\OWN SCHOOL CURRICULUM CONTENT	discrete	numeric	
V396	BCBMDVLP	MAT\DEVELOPED INSTRUCTIONAL ACTIVITIES	discrete	numeric	
V397	BCBSDVLP	SCI\DEVELOPED INSTRUCTIONAL ACTIVITIES	discrete	numeric	
V398	BCBGST01	GEN\SHORTAGE\INSTRUCTIONAL MATERIALS	discrete	numeric	
V399	BCBGST02	GEN\SHORTAGE\BUDGET FOR SUPPLIES	discrete	numeric	
V400	BCBGST03	GEN\SHORTAGE\SCHOOL BUILDINGS	discrete	numeric	
V401	BCBGST04	GEN\SHORTAGE\HEATING AND LIGHTING	discrete	numeric	
V402	BCBGST05	GEN\SHORTAGE\INSTRUCTIONAL SPACE	discrete	numeric	
V403	BCBGST06	GEN\SHORTAGE\HANDICAPPED FACILITIES	discrete	numeric	
V404	BCBMST07	MAT\SHORTAGE\COMPUTER HARDWARE	discrete	numeric	
V405	BCBMST08	MAT\SHORTAGE\COMPUTER SOFTWARE	discrete	numeric	
V406	BCBMST09	MAT\SHORTAGE\CALCULATORS	discrete	numeric	
V407	BCBMST10	MAT\SHORTAGE\LIBRARY MATERIALS	discrete	numeric	
V408	BCBMST11	MAT\SHORTAGE\AUDIO-VISUAL RESOURCES	discrete	numeric	
V409	BCBSST12	SCI\SHORTAGE\LABORATORY EQUIPMENT	discrete	numeric	
V410	BCBSST13	SCI\SHORTAGE\COMPUTER HARDWARE	discrete	numeric	
V411	BCBSST14	SCI\SHORTAGE\COMPUTER SOFTWARE	discrete	numeric	
V412	BCBSST15	SCI\SHORTAGE\CALCULATORS	discrete	numeric	
V413	BCBSST16	SCI\SHORTAGE\LIBRARY MATERIALS	discrete	numeric	
V414	BCBSST17	SCI\SHORTAGE\AUDIO-VISUAL RESOURCES	discrete	numeric	
V415	BCBSST18	MAT\SHORTAGE\TEACHERS QUALIFIED MATH	discrete	numeric	
V416	BCBSST19	SCI\SHORTAGE\TEACHERS QUALIFIED SCI	discrete	numeric	
V417	BCBSST20	SCI\SHORTAGE\TEACHERS QUALIFIED BIO	discrete	numeric	
V418	BCBSST21	SCI\SHORTAGE\TEACHERS QUALIFIED CHEM	discrete	numeric	
V419	BCBSST22	SCI\SHORTAGE\TEACHERS QUALIFIED EARTH	discrete	numeric	
V420	BCBSST23	SCI\SHORTAGE\TEACHERS QUALIFIED PHYSICS	discrete	numeric	
V421	BCBGBENR	GEN\TOTAL SCHOOL ENROLLMENT\BOYS	contin	numeric	
V422	BCBGGENR	GEN\TOTAL SCHOOL\ENROLLMENT\GIRLS	contin	numeric	
V423	BCBGABST	GEN\STUDENT\PERC ABSENT	contin	numeric	
V424	BCBGENDY	GEN\STUDENT\PERC FINISHING SCHOOL YEAR	contin	numeric	
V425	BCBGNSF	GEN\STUDENT\PERC TRANSFERRING INTO SCHL	contin	numeric	
V426	BCBGUBER	GEN\U-GRADE\ENROLLMENT\BOYS	contin	numeric	
V427	BCBGUGER	GEN\U-GRADE\ENROLLMENT\GIRLS	contin	numeric	
V428	BCBGUBRT	GEN\U-GRADE\REPEATING GRADE\BOYS	contin	numeric	
V429	BCBGUGRT	GEN\U-GRADE\REPEATING GRADE\GIRLS	contin	numeric	
V430	BCBGUSIZ	GEN\U-GRADE\AVERAGE CLASS SIZE	contin	numeric	
V431	BCBGUMGR	GEN\U-GRADE\# IN MULTI-GRADE CLASSRM	contin	numeric	
V432	BCBGCMP1	GEN\COMPUTERS\STUDENT\INSTRUCTIONAL	contin	numeric	
V433	BCBGCMP2	GEN\COMPUTERS\TEACHER\INSTRUCTION	contin	numeric	



ID	Name	Label	Type	Format	Question
V434	BCBGCMP3	GEN\COMPUTERS\AVAILABLE	contin	numeric	
V435	BCBGIAACC	GEN\SCHOOL ACCESS TO INTERNET	discrete	numeric	
V436	BCBGACPL	GEN\SCHOOL PLANNING INTERNET ACCESS	discrete	numeric	
V437	BCBGACYE	GEN\EXPECT SCHOOL INTERNET ACCESS	contin	numeric	
V438	BCBGNAC2	GEN\PERCENT COMPUTERS ACCESS TO E-MAIL	discrete	numeric	
V439	BCBGNAC3	GEN\PERCENT COMPUTERS ACCESS TO WWW	discrete	numeric	
V440	BCBGWB1	GEN\AVAILABLE ON WWW\INFO ABOUT SCHOOL	discrete	numeric	
V441	BCBGWB2	GEN\AVAILABLE ON WWW\MATH CURRICULUM	discrete	numeric	
V442	BCBGWB3	GEN\AVAILABLE ON WWW\SCIENCE CURRICULUM	discrete	numeric	
V443	BCBGWB4	GEN\AVAILABLE ON WWW\MATH ACTIVITIES	discrete	numeric	
V444	BCBGWB5	GEN\AVAILABLE ON WWW\SCIENCE ACTIVITIES	discrete	numeric	
V445	BCBGUF01	GEN\BEHAVIOR\ARRIVE LATE AT SCHOOL	discrete	numeric	
V446	BCBGUS01	GEN\BEHAVIOR\SEV ARRIVE LATE AT SCHOOL	discrete	numeric	
V447	BCBGUF02	GEN\BEHAVIOR\ABSENTEEISM	discrete	numeric	
V448	BCBGUS02	GEN\BEHAVIOUR\SEV ABSENTEEISM	discrete	numeric	
V449	BCBGUF03	GEN\BEHAVIOR\SKIPPING CLASS	discrete	numeric	
V450	BCBGUS03	GEN\BEHAVIOR\SEV SKIPPING CLASS	discrete	numeric	
V451	BCBGUF04	GEN\BEHAVIOR\VIOLATING DRESS CODE	discrete	numeric	
V452	BCBGUS04	GEN\BEHAVIOR\SEV VIOLATING DRESS CODE	discrete	numeric	
V453	BCBGUF05	GEN\BEHAVIOR\CLASSROOM DISTURBANCE	discrete	numeric	
V454	BCBGUS05	GEN\BEHAVIOR\SEV CLASSROOM DISTURBANCE	discrete	numeric	
V455	BCBGUF06	GEN\BEHAVIOR\CHEATING	discrete	numeric	
V456	BCBGUS06	GEN\BEHAVIOR\SEV CHEATING	discrete	numeric	
V457	BCBGUF07	GEN\BEHAVIOR\PROFANITY	discrete	numeric	
V458	BCBGUS07	GEN\BEHAVIOR\SEV PROFANITY	discrete	numeric	
V459	BCBGUF08	GEN\BEHAVIOR\VANDALISM	discrete	numeric	
V460	BCBGUS08	GEN\BEHAVIOR\SEV VANDALISM	discrete	numeric	
V461	BCBGUF09	GEN\BEHAVIOR\THEFT	discrete	numeric	
V462	BCBGUS09	GEN\BEHAVIOR\SEV THEFT	discrete	numeric	
V463	BCBGUF10	GEN\BEHAVIOR\INTIMIDATION OF STUDNTS	discrete	numeric	
V464	BCBGUS10	GEN\BEHAVIOR\SEV INTIMIDATION OF STUDNTS	discrete	numeric	
V465	BCBGUF11	GEN\BEHAVIOR\INJURY TO STUDENTS	discrete	numeric	
V466	BCBGUS11	GEN\BEHAVIOR\SEV INJURY TO STUDENTS	discrete	numeric	
V467	BCBGUF12	GEN\BEHAVIOR\INTIMIDATION OF TEACHRS	discrete	numeric	
V468	BCBGUS12	GEN\BEHAVIOR\SEV INTIMIDATN OF TEACHRS	discrete	numeric	
V469	BCBGUF13	GEN\BEHAVIOR\INJURY TO TEACHERS	discrete	numeric	
V470	BCBGUS13	GEN\BEHAVIOR\SEV INJURY TO TEACHERS	discrete	numeric	
V471	BCBGUF14	GEN\BEHAVIOR\TOBACCO USE	discrete	numeric	
V472	BCBGUS14	GEN\BEHAVIOR\SEV TOBACCO USE	discrete	numeric	
V473	BCBGUF15	GEN\BEHAVIOR\ALCOHOL USE	discrete	numeric	



ID	Name	Label	Type	Format	Question
V474	BCBGUS15	GEN\BEHAVIOR\SEV ALCOHOL USE	discrete	numeric	
V475	BCBGUF16	GEN\BEHAVIOR\ILLEGAL DRUG USE	discrete	numeric	
V476	BCBGUS16	GEN\BEHAVIOR\SEV ILLEGAL DRUG USE	discrete	numeric	
V477	BCBGUF17	GEN\BEHAVIOR\WEAPON USE	discrete	numeric	
V478	BCBGUS17	GEN\BEHAVIOR\SEV WEAPON USE	discrete	numeric	
V479	BCBGUF18	GEN\BEHAVIOR\INAPPROPRIATE SEXUAL	discrete	numeric	
V480	BCBGUS18	GEN\BEHAVIOR\SEV INAPPROPRIATE SEXUAL	discrete	numeric	
V481	BCBGUDYY	GEN\U-GRADE\DAYS PER YEAR	contin	numeric	
V482	BCBGUFLW	GEN\U-GRADE\FULL DAYS PER WEEK	contin	numeric	
V483	BCBGUHFV	GEN\U-GRADE\HALF DAYS PER WEEK	contin	numeric	
V484	BCBGUTHW	GEN\U-GRADE\# TOTAL HOURS PER WEEK	contin	numeric	
V485	BCBGUIHW	GEN\U-GRADE\# INSTR HOURS PER WEEK	contin	numeric	
V486	BCBGDIVI	GEN\DIVISION INTO INSTR HOURS	discrete	numeric	
V487	BCBGUPDW	GEN\U-GRADE\INST PERIODS PER WEEK	contin	numeric	
V488	BCBGUTMP	GEN\U-GRADE\DURATION OF INSTR PERIOD	contin	numeric	
V489	BCBMODF1	MAT\ORGANIZE DIFFERENTLY\DIFFERENT LEVEL	discrete	numeric	
V490	BCBMODF2	MAT\ORGANIZE DIFFERENTLY\ABILITY	discrete	numeric	
V491	BCBMODF3	MAT\ORGANIZE DIFFERENTLY\ENRICHMENT	discrete	numeric	
V492	BCBMODF4	MAT\ORGANIZE DIFFERENTLY\REMEDIAL	discrete	numeric	
V493	BCBMODF5	MAT\ORGANIZE DIFFERENTLY\DIFF. CONTENT	discrete	numeric	
V494	BCBMUC3	MAT\U-GRADE\COURSES AVAILABLE	contin	numeric	
V495	BCBMUFC1	MAT\U-GRADE\ACADEMIC PERFORMANCE	discrete	numeric	
V496	BCBMUFC2	MAT\U-GRADE\STANDARDIZED TEST	discrete	numeric	
V497	BCBMUFC3	MAT\U-GRADE\ENTRANCE EXAMINATION	discrete	numeric	
V498	BCBMUFC4	MAT\U-GRADE\ORAL EXAMINATION	discrete	numeric	
V499	BCBMUFC5	MAT\U-GRADE\TEACHER RECOMMENDATIONS	discrete	numeric	
V500	BCBMUFC6	MAT\U-GRADE\PARENTAL WISHES	discrete	numeric	
V501	BCBMUFC7	MAT\U-GRADE\STUDENT'S OWN WISHES	discrete	numeric	
V502	BCBMUFC8	MAT\U-GRADE\CURRICULAR REQUIREMENTS	discrete	numeric	
V503	BCBSODF1	SCI\ORGANIZE DIFFERENTLY\DIFFERENT LEVEL	discrete	numeric	
V504	BCBSODF2	SCI\ORGANIZE DIFFERENTLY\ABILITY	discrete	numeric	
V505	BCBSODF3	SCI\ORGANIZE DIFFERENTLY\ENRICHMENT	discrete	numeric	
V506	BCBSODF4	SCI\ORGANIZE DIFFERENTLY\REMEDIAL	discrete	numeric	
V507	BCBSODF5	SCI\ORGANIZE DIFFERENTLY\DIFF. CONTENT	discrete	numeric	
V508	BCBSUC3	SCI\U-GRADE\COURSES AVAILABLE	contin	numeric	
V509	BCBSUFC1	SCI\U-GRADE\ACADEMIC PERFORMANCE	discrete	numeric	
V510	BCBSUFC2	SCI\U-GRADE\STANDARDIZED TEST	discrete	numeric	
V511	BCBSUFC3	SCI\U-GRADE\ENTRANCE EXAMINATION	discrete	numeric	
V512	BCBSUFC4	SCI\U-GRADE\ORAL EXAMINATION	discrete	numeric	
V513	BCBSUFC5	SCI\U-GRADE\TEACHER RECOMMENDATIONS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V514	BCBSUFC6	SCI\U-GRADE\PARENTAL WISHES	discrete	numeric	
V515	BCBSUFC7	SCI\U-GRADE\STUDENT'S OWN WISHES	discrete	numeric	
V516	BCBSUFC8	SCI\U-GRADE\CURRICULAR REQUIREMENTS	discrete	numeric	
V517	BCBGBS01	GEN\ADMITTNC\RESIDENCE IN AREA	discrete	numeric	
V518	BCBGBS02	GEN\ADMITTNC\ACADEMIC PERFORMANCE	discrete	numeric	
V519	BCBGBS03	GEN\ADMITTNC\INTERVIEW WITH STUDENT	discrete	numeric	
V520	BCBGBS04	GEN\ADMITTNC\INTERVIEW WITH PARENTS	discrete	numeric	
V521	BCBGBS05	GEN\ADMITTNC\FAMILY MEMBERS AT SCHOOL	discrete	numeric	
V522	BCBGBS06	GEN\ADMITTNC\DATE OF APPLICATION	discrete	numeric	
V523	BCBGBS07	GEN\ADMITTNC\TEACHER RECOMMENDATION	discrete	numeric	
V524	BCBGBS08	GEN\ADMITTNC\FROM PARTICULAR SCHOOL	discrete	numeric	
V525	BCBGBS09	GEN\ADMITTNC\FORMER STUDENT'S CHILD	discrete	numeric	
V526	BCBGBS10	GEN\ADMITTNC\STANDARDIZED TEST	discrete	numeric	
V527	BCBGBS11	GEN\ADMITTNC\ENTRANCE EXAMINATION	discrete	numeric	
V528	BCBGBS12	GEN\ADMITTNC\ORAL EXAMINATION	discrete	numeric	
V529	BCBGBS13	GEN\ADMITTNC\OTHER	discrete	numeric	
V530	BCBGEP01	GEN\EXPECT PARENTS\NOTIFY PROBLEMS	discrete	numeric	
V531	BCBGEP02	GEN\EXPECT PARENTS\TEACHER AIDES	discrete	numeric	
V532	BCBGEP03	GEN\EXPECT PARENTS\RAISE FUNDS	discrete	numeric	
V533	BCBGEP04	GEN\EXPECT PARENTS\VOLUNTEER SC PROJECTS	discrete	numeric	
V534	BCBGEP05	GEN\EXPECT PARENTS\HOMEWORK COMPLETE	discrete	numeric	
V535	BCBGEP06	GEN\EXPECT PARENTS\ASSISTANCE ON TRIPS	discrete	numeric	
V536	BCBGEP07	GEN\EXPECT PARENTS\PREPARE LUNCHBOX	discrete	numeric	
V537	BCBGEP08	GEN\EXPECT PARENTS\MONITOR BEHAVIOUR	discrete	numeric	
V538	BCBGEP09	GEN\EXPECT PARENTS\SELECT SC PERSONNEL	discrete	numeric	
V539	BCBGEP10	GEN\EXPECT PARENTS\REVIEW SC FINANCES	discrete	numeric	
V540	BCDGUTER	GEN\U-GRADE\ENROLLMENT	contin	numeric	
V541	BCDGUTRT	GEN\U-GRADE\REPEATING GRADE\STUDEN	contin	numeric	
V542	BCDGAAIT	GEN\YEARLY INSTRUCTIONAL TIME IN HRS	contin	numeric	
V543	BCDGAYTS	GEN\YEARLY TOTAL TIME IN SCHOOL IN HRS	contin	numeric	
V544	BCDGPHSI	GEN\PERCENT OF HRS SPENT ON INSTRUCTION	contin	numeric	
V545	BCDGTENR	GEN\TOTAL ENROLLMENT	contin	numeric	
V546	BCDGSTRA	GEN\STUDENT/TEACHER RATIO	contin	numeric	
V547	BCDMASR	MAT\AVAILABILITY OF SCH. RES. FOR MATH	discrete	numeric	
V548	BCDGSA	GEN\SCHOOL ATTENDANCE	discrete	numeric	
V549	BCDGSSE	GEN\SAFE SCHOOL ENVIRONMENT	discrete	numeric	
V550	BCDGCRC	GEN\AVAILABILITY OF COMPUTERS IN CAT.	discrete	numeric	
V551	BCDGINT	GEN\ACCESS TO INTERNET	discrete	numeric	
V552	BCDGINST	GEN\HRS. ON INSTRUCTION LEADERSHIP	contin	numeric	
V553	BCDGMUN	GEN\HRS. ON COMMUNICATING W/PARE./STU.	contin	numeric	

ID	Name	Label	Type	Format	Question
V554	BCDGADMN	GEN\HRS. ON ADMINISTRATIVE WORK	contin	numeric	
V555	BCDGTEAC	GEN\HRS. ON TEACHING	contin	numeric	
V556	BCDMMOIN	MAT\METHODS OF INSTRUCTION	discrete	numeric	
V557	BCDGVOL	GEN\EXPECT PARENTS AS VOLUNTEER...	discrete	numeric	
V558	BCDGSERV	GEN\EXPECT PARENTS SERVE ON COMMITTEES	discrete	numeric	
V559	BCDSASR	SCI\AVAILABILITY OF SCH. RES. FOR SCI	discrete	numeric	
V560	BCDSMOIN	SCI\METHODS OF INSTRUCTION	discrete	numeric	
V561	CSYSTEM	*SYSTEM ID SCHOOL FILE*	contin	numeric	
V562	WGTFAC1	*1ST STAGE WEIGHT (SCHOOL WEIGHT)*	contin	numeric	
V563	WGTADJ1	*ADJUSTMENT FACTOR 1 (SCHOOL WEIGHT)*	contin	numeric	
V564	SCHWGT	*SCHOOL LEVEL WEIGHT*	contin	numeric	
V565	STOTWGTU	*SUM OF STUDENT WEIGHTS - UPPER GRADE*	contin	numeric	
V566	JKCZONE	*ZONE CODE*	contin	numeric	
V567	JKCREP	*REPLICATE CODE*	discrete	numeric	
V568	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	contin	numeric	

## TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

Content

Cases 14879

Variable(s) 325

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V569	VERSION	*VERSION NUMBER*	discrete	numeric	
V570	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V571	IDSUBJCT	*SUBJECT ID*	discrete	numeric	
V572	IDPOP	*POPULATION ID*	discrete	numeric	
V573	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V574	IDTEACH	*TEACHER ID*	contin	numeric	
V575	IDLINK	*TEACHER LINK NUMBER*	contin	numeric	
V576	ITCOURSE	*NAME OF COURSE*	discrete	numeric	
V577	BTBGAGE	GEN\AGE OF TEACHER	discrete	numeric	
V578	BTBGSEX	GEN\SEX OF TEACHER	discrete	numeric	
V579	BTBGTAUG	GEN\YEARS BEEN TEACHING	contin	numeric	
V580	BTBGTOTL	GEN\SCHEDULED HOURS ALTOGETHER	contin	numeric	
V581	BTBMSUB1	MAT\SCHEDULED SUBJECTS\MATHEMATICS	contin	numeric	
V582	BTBSSUB2	SCI\SCHEDULED SUBJECTS\GENERAL SCI	contin	numeric	
V583	BTBSSUB3	SCI\SCHEDULED SUBJECTS\PHYSICAL SCI	contin	numeric	
V584	BTBSSUB4	SCI\SCHEDULED SUBJECTS\EARTH SCIENCE	contin	numeric	
V585	BTBSSUB5	SCI\SCHEDULED SUBJECTS\LIFE SCIENCE	contin	numeric	
V586	BTBSSUB6	SCI\SCHEDULED SUBJECTS\BIOLOGY	contin	numeric	
V587	BTBSSUB7	SCI\SCHEDULED SUBJECTS\CHEMISTRY	contin	numeric	
V588	BTBSSUB8	SCI\SCHEDULED SUBJECTS\PHYSICS	contin	numeric	
V589	BTBGSUB9	GEN\SCHEDULED SUBJECTS\OTHER	contin	numeric	
V590	BTBGTSK1	GEN\SCHEDULED TASKS\SUPERVISION	contin	numeric	
V591	BTBGTSK2	GEN\SCHEDULED TASKS\COUNSELLING	contin	numeric	
V592	BTBGTSK3	GEN\SCHEDULED TASKS\ADMINISTRATION	contin	numeric	
V593	BTBGTSK4	GEN\SCHEDULED TASKS\INDIVID PLANNING	contin	numeric	
V594	BTBGTSK5	GEN\SCHEDULED TASKS\COOP PLANNING	contin	numeric	
V595	BTBGTSK6	GEN\SCHEDULED TASKS\NON SPECIFIED	contin	numeric	
V596	BTBGTSK7	GEN\SCHEDULED TASKS\OTHER	contin	numeric	

ID	Name	Label	Type	Format	Question
V597	BTBGACT1	GEN\OUTSIDE SCHL\PREPARE TEST	discrete	numeric	
V598	BTBGACT2	GEN\OUTSIDE SCHL\READ STUDENT WORK	discrete	numeric	
V599	BTBGACT3	GEN\OUTSIDE SCHL\PLAN LESSONS	discrete	numeric	
V600	BTBGACT4	GEN\OUTSIDE SCHL\MEET STUDENTS	discrete	numeric	
V601	BTBGACT5	GEN\OUTSIDE SCHL\MEET PARENTS	discrete	numeric	
V602	BTBGACT6	GEN\OUTSIDE SCHL\PROFESSIONL READING	discrete	numeric	
V603	BTBGACT7	GEN\OUTSIDE SCHL\UPDATE STUD RECORDS	discrete	numeric	
V604	BTBGACT8	GEN\OUTSIDE SCHL\ADMINISTRATVE TASKS	discrete	numeric	
V605	BTBGACT9	GEN\OUTSIDE SCHL\OTHER	discrete	numeric	
V606	BTBGALTO	GEN\TEACHING ACTIVITIES ALTOGETHER	contin	numeric	
V607	BTBGMEET	GEN\MEETING WITH OTHER TEACHERS	discrete	numeric	
V608	BTBGINF1	GEN\INFLUENCE\SUBJECT MATTER	discrete	numeric	
V609	BTBGINF2	GEN\INFLUENCE\SPECIFIC TEXTBOOKS	discrete	numeric	
V610	BTBGINF3	GEN\INFLUENCE\MONEY FOR SUPPLIES	discrete	numeric	
V611	BTBGINF4	GEN\INFLUENCE\KIND OF SUPPLIES	discrete	numeric	
V612	BTBSIMP1	SCI\GD\IMPT\REMEMBER FORMULAS	discrete	numeric	
V613	BTBSIMP2	SCI\GD\IMPT\SEQUENTIAL AND PROCEDURAL	discrete	numeric	
V614	BTBSIMP3	SCI\GD\IMPT\UNDERSTAND CONCEPTS	discrete	numeric	
V615	BTBSIMP4	SCI\GD\IMPT\THINK CREATIVELY	discrete	numeric	
V616	BTBSIMP5	SCI\GD\IMPT\HOW USED IN REAL WORLD	discrete	numeric	
V617	BTBSIMP6	SCI\GD\IMPT\SUPPORT SOLUTIONS	discrete	numeric	
V618	BTBSAGR1	SCI\PRIMARILY AN ABSTRACT SUBJECT	discrete	numeric	
V619	BTBSAGR2	SCI\FORMAL REPRESENTATION OF WORLD	discrete	numeric	
V620	BTBSAGR3	SCI\PRACTICAL AND STRUCTURED GUIDE	discrete	numeric	
V621	BTBSAGR4	SCI\NATURAL TALENT FOR SCIENCE	discrete	numeric	
V622	BTBSAGR5	SCI\IMPORTANCE OF SEQNTAL DIRECTIONS	discrete	numeric	
V623	BTBSAGR6	SCI\FOCUSING ON RULES IS A BAD IDEA	discrete	numeric	
V624	BTBSAGR7	SCI\DEBATES IN CLASS HARM LEARNING	discrete	numeric	
V625	BTBSAGR8	SCI\SEE TASK APART FROM REPRESENTATN	discrete	numeric	
V626	BTBSAGR9	SCI\LIKING AND UNDERSTANDING STUDENTS	discrete	numeric	
V627	BTBSFAM1	SCI\NATIONAL CURRICULUM GUIDE	discrete	numeric	
V628	BTBSFAM2	SCI\REGIONAL CURRICULUM GUIDE	discrete	numeric	
V629	BTBGFAM3	GEN\SCHOOL CURRICULUM GUIDE	discrete	numeric	
V630	BTBGFAM4	GEN\NATIONAL EXAM SPECIFICATIONS	discrete	numeric	
V631	BTBGFAM5	GEN\REGIONAL EXAM SPECIFICATIONS	discrete	numeric	
V632	BTBSFAM6	SCI\NATIONAL PEDAGOGY GUIDE	discrete	numeric	
V633	BTBSFAM7	SCI\REGIONAL PEDAGOGY GUIDE	discrete	numeric	
V634	BTBSFP01	SCI\PREP\EARTH SCI: FEATURE,...	discrete	numeric	
V635	BTBSFP02	SCI\PREP\EARTH SCI: SOLAR SYST, UNIVERSE	discrete	numeric	
V636	BTBSFP03	SCI\PREP\BIOLOGY: HUMAN SYSTEMS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V637	BTBSFP04	SCI\PREP\BIOLOGY: PLNT AND ANIMAL LIFE	discrete	numeric	
V638	BTBSFP05	SCI\PREP\CHEM: CLASSIFICATION, STRUCTURE	discrete	numeric	
V639	BTBSFP06	SCI\PREP\CHEM: REACTIVITY, TRANSFORMATNS	discrete	numeric	
V640	BTBSFP07	SCI\PREP\PHYS: TYPES + SOURCES OF ENERGY	discrete	numeric	
V641	BTBSFP08	SCI\PREP\PHYSICS: LIGHT	discrete	numeric	
V642	BTBSFP09	SCI\PREP\ENVIRONMENTAL + RESOURCE ISSUES	discrete	numeric	
V643	BTBSFP10	SCI\PREP\SCIENTIFIC METHODS,...	discrete	numeric	
V644	BTBGEDUC	GEN\LEVEL OF EDUCATION COMPLETED	discrete	numeric	
V645	BTBGTRAC	GEN\TEACHER TRAINING CERTIFICATE	discrete	numeric	
V646	BTBGYETR	GEN\YEARS PRE SERVICE TRAINING	contin	numeric	
V647	BTBGPRTTR	GEN\BEGIN SECONDARY SCHOOL	discrete	numeric	
V648	BTBGCMAS	GEN\HAVE BA	discrete	numeric	
V649	BTBGMA1	GEN\MAIN STUDY FOR BA\MATHEMATICS	discrete	numeric	
V650	BTBGMA2	GEN\MAIN STUDY FOR BA\BIOLOGY	discrete	numeric	
V651	BTBGMA3	GEN\MAIN STUDY FOR BA\PHYSICS	discrete	numeric	
V652	BTBGMA4	GEN\MAIN STUDY FOR BA\CHEMISTRY	discrete	numeric	
V653	BTBGMA5	GEN\MAIN STUDY FOR BA\EDUCATION	discrete	numeric	
V654	BTBGMA6	GEN\MAIN STUDY FOR BA\MATH EDUCATION	discrete	numeric	
V655	BTBGMA7	GEN\MAIN STUDY FOR BA\SCIENCE EDUCATION	discrete	numeric	
V656	BTBGMA8	GEN\MAIN STUDY FOR BA\OTHER	discrete	numeric	
V657	BTBGMMAS	GEN\HAVE MASTERS DEGREE	discrete	numeric	
V658	BTBGMA1	GEN\MAIN STUDY FOR MA\MATHEMATICS	discrete	numeric	
V659	BTBGMA2	GEN\MAIN STUDY FOR MA\BIOLOGY	discrete	numeric	
V660	BTBGMA3	GEN\MAIN STUDY FOR MA\PHYSICS	discrete	numeric	
V661	BTBGMA4	GEN\MAIN STUDY FOR MA\CHEMISTRY	discrete	numeric	
V662	BTBGMA5	GEN\MAIN STUDY FOR MA\EDUCATION	discrete	numeric	
V663	BTBGMA6	GEN\MAIN STUDY FOR MA\MATH EDUCATION	discrete	numeric	
V664	BTBGMA7	GEN\MAIN STUDY FOR MA\SCIENCE EDUCATION	discrete	numeric	
V665	BTBGMA8	GEN\MAIN STUDY FOR MA\OTHER	discrete	numeric	
V666	BTBGCARE	GEN\WAS TEACHING FIRST CHOICE	discrete	numeric	
V667	BTBGCHNG	GEN\WOULD YOU CHANGE CARREER	discrete	numeric	
V668	BTBGSOAP	GEN\IS WORK APPRECIATED BY SOCIETY	discrete	numeric	
V669	BTBGSTAP	GEN\IS WORK APPRECIATED BY STUDENTS	discrete	numeric	
V670	BTBGBOOK	GEN\NUMBER OF BOOKS IN HOME	discrete	numeric	
V671	BTBSBOY	SCI\CLSS\NUMBER OF BOYS IN CLASS	contin	numeric	
V672	BTBSGIRL	SCI\CLSS\NUMBER OF GIRLS IN CLASS	contin	numeric	
V673	BTDSTOEN	SCI\CLSS\NUMBER OF STUDENTS IN CLASS	contin	numeric	
V674	BTBSSMEC	SCI\CLSS\SUBJECT MATTER EMPHASIS	discrete	numeric	
V675	BTBSTIME	SCI\CLSS\LENGTH OF SCIENCE CLASS	contin	numeric	
V676	BTBSTXBK	SCI\CLSS\USE TEXTBOOK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V677	BTBSTXBR	SCI\CLSS\TEXTBOOK BASED TEACHING	discrete	numeric	
V678	BTBSCUDL	SCI\USE CALCULATORS DURING LESSONS	discrete	numeric	
V679	BTBSWECF	SCI\EXTENT CALCULATORS PERMITTED	discrete	numeric	
V680	BTBSCAL1	SCI\CALCS FOR CHECKING ANSWERS	discrete	numeric	
V681	BTBSCAL2	SCI\CALCS FOR TESTS AND EXAMS	discrete	numeric	
V682	BTBSCAL3	SCI\CALCS FOR ROUTINE COMPUTATIO	discrete	numeric	
V683	BTBSCAL4	SCI\CALCS FOR COMPLEX PROBLEMS	discrete	numeric	
V684	BTBSCAL5	SCI\CALCS FOR NUMBER CONCEPTS	discrete	numeric	
V685	BTBSCOM1	SCI\COMPUTERS\IN CLASSROOMS	discrete	numeric	
V686	BTBSCOM2	SCI\COMPUTERS\IN OTHER ROOMS	discrete	numeric	
V687	BTBSINT1	SCI\COMPUTERS\ACCESS INTERNET	discrete	numeric	
V688	BTBSINT2	SCI\COMPUTERS\USE INTERNET	discrete	numeric	
V689	BTBSSRC1	SCI\SOURCE\WHICH TOPIC TO TEACH	discrete	numeric	
V690	BTBSSRC2	SCI\SOURCE\HOW TO PRESENT A TOPIC	discrete	numeric	
V691	BTBSSRC3	SCI\SOURCE\CLASS WORK AND HOMEWORK	discrete	numeric	
V692	BTBSSRC4	SCI\SOURCE\ASSESSMENT AND EVALUATN	discrete	numeric	
V693	BTBSASK1	SCI\TASKS\EXPLAIN REASONING	discrete	numeric	
V694	BTBSASK2	SCI\TASKS\ANALYZE RELATIONSHIPS	discrete	numeric	
V695	BTBSASK3	SCI\TASKS\WORK ON PROBLEMS	discrete	numeric	
V696	BTBSASK4	SCI\TASKS\USE COMPUTERS	discrete	numeric	
V697	BTBSASK5	SCI\TASKS\WRITE EXPLANATIONS	discrete	numeric	
V698	BTBSASK6	SCI\TASKS\ORGANIZE EVENTS OF OBJECTS	discrete	numeric	
V699	BTBSASK7	SCI\TASKS\USE GRAPHING CALCULATORS	discrete	numeric	
V700	BTBSLES1	SCI\INDIVIDUAL WORK\NO ASSISTANCE	discrete	numeric	
V701	BTBSLES2	SCI\INDIVIDUAL WORK\ASSISTANCE	discrete	numeric	
V702	BTBSLES3	SCI\WORK TOGETHER\TEACHER TEACHES	discrete	numeric	
V703	BTBSLES4	SCI\WORK TOGETHER\STUDENTS INTERACT	discrete	numeric	
V704	BTBSLES5	SCI\WORK IN GROUPS\NO ASSISTANCE	discrete	numeric	
V705	BTBSLES6	SCI\WORK IN GROUPS\ASSISTANCE	discrete	numeric	
V706	BTBSAC01	SCI\PERCENTAGE SPENT\ADMINISTRATIVE	contin	numeric	
V707	BTBSAC02	SCI\PERCENTAGE SPENT\HOMEWORK REVIEW	contin	numeric	
V708	BTBSAC03	SCI\PERCENTAGE SPENT\LECTURE STYLE	contin	numeric	
V709	BTBSAC04	SCI\PERCENTAGE SPENT\GUIDED PRACTICE	contin	numeric	
V710	BTBSAC05	SCI\PERCENTAGE SPENT\RE-TEACHING	contin	numeric	
V711	BTBSAC06	SCI\PERCENTAGE SPENT\STUDENT PRACTICE	contin	numeric	
V712	BTBSAC07	SCI\PERCENTAGE SPENT\TEST AND QUIZZES	contin	numeric	
V713	BTBSAC08	SCI\PERCENTAGE SPENT\TEACHER DEMOS	contin	numeric	
V714	BTBSAC09	SCI\PERCENTAGE SPENT\STUDENT EXPERIMENTS	contin	numeric	
V715	BTBSAC10	SCI\PERCENTAGE SPENT\OTHER	contin	numeric	
V716	BTBSTB01	SCI\EARTH\PHYSICAL FEATURES\BEFORE	discrete	numeric	



ID	Name	Label	Type	Format	Question
V717	BTBSTT01	SCI\EARTH\PHYSICAL FEATURES\THIS YEAR	discrete	numeric	
V718	BTBSNT01	SCI\EARTH\PHYSICAL FEATURES\NOT KNOW	discrete	numeric	
V719	BTBSTB02	SCI\EARTH\ATMOSPHERE\BEFORE	discrete	numeric	
V720	BTBSTT02	SCI\EARTH\ATMOSPHERE\THIS YEAR	discrete	numeric	
V721	BTBSNT02	SCI\EARTH\ATMOSPHERE\NOT KNOW	discrete	numeric	
V722	BTBSTB03	SCI\EARTH\PROCESSES+HISTORY\BEFORE	discrete	numeric	
V723	BTBSTT03	SCI\EARTH\PROCESSES+HISTORY\THIS YEAR	discrete	numeric	
V724	BTBSNT03	SCI\EARTH\PROCESSES+HISTORY\NOT KNOW	discrete	numeric	
V725	BTBSTB04	SCI\EARTH\IN SOLAR SYSTEM\BEFORE	discrete	numeric	
V726	BTBSTT04	SCI\EARTH\IN SOLAR SYSTEM\THIS YEAR	discrete	numeric	
V727	BTBSNT04	SCI\EARTH\IN SOLAR SYSTEM\NOT KNOW	discrete	numeric	
V728	BTBSTB05	SCI\BIO\BODY: ORGANS+SYSTEMS\BEFORE	discrete	numeric	
V729	BTBSTT05	SCI\BIO\BODY: ORGANS+SYSTEMS\THIS YEAR	discrete	numeric	
V730	BTBSNT05	SCI\BIO\BODY: ORGANS+SYSTEMS\NOT KNOW	discrete	numeric	
V731	BTBSTB06	SCI\BIO\BODILY PROCESSES\BEFORE	discrete	numeric	
V732	BTBSTT06	SCI\BIO\BODILY PROCESSES\THIS YEAR	discrete	numeric	
V733	BTBSNT06	SCI\BIO\BODILY PROCESSES\NOT KNOW	discrete	numeric	
V734	BTBSTB07	SCI\BIO\NUTRITION, HEALTH.\BEFORE	discrete	numeric	
V735	BTBSTT07	SCI\BIO\NUTRITION, HEALTH.\THIS YEAR	discrete	numeric	
V736	BTBSNT07	SCI\BIO\NUTRITION, HEALTH.\NOT KNOW	discrete	numeric	
V737	BTBSTB08	SCI\BIO\PLANT+ANIMAL LIFE\BEFORE	discrete	numeric	
V738	BTBSTT08	SCI\BIO\PLANT+ANIMAL LIFE\THIS YEAR	discrete	numeric	
V739	BTBSNT08	SCI\BIO\PLANT+ANIMAL LIFE\NOT KNOW	discrete	numeric	
V740	BTBSTB09	SCI\BIO\INTERACTIONS OF LIVING\BEFORE	discrete	numeric	
V741	BTBSTT09	SCI\BIO\INTERACTIONS OF LIVING\THIS YEAR	discrete	numeric	
V742	BTBSNT09	SCI\BIO\INTERACTIONS OF LIVING\NOT KNOW	discrete	numeric	
V743	BTBSTB10	SCI\BIO\REPRODUCTION.\BEFORE	discrete	numeric	
V744	BTBSTT10	SCI\BIO\REPRODUCTION.\THIS YEAR	discrete	numeric	
V745	BTBSNT10	SCI\BIO\REPRODUCTION.\NOT KNOW	discrete	numeric	
V746	BTBSTB11	SCI\CHEM\CLASSIFICATION MATTER\BEFORE	discrete	numeric	
V747	BTBSTT11	SCI\CHEM\CLASSIFICATION MATTER\THIS YEAR	discrete	numeric	
V748	BTBSNT11	SCI\CHEM\CLASSIFICATION MATTER\NOT KNOW	discrete	numeric	
V749	BTBSTB12	SCI\CHEM\STRUCTURE MATTER\BEFORE	discrete	numeric	
V750	BTBSTT12	SCI\CHEM\STRUCTURE MATTER\THIS YEAR	discrete	numeric	
V751	BTBSNT12	SCI\CHEM\STRUCTURE MATTER\NOT KNOW	discrete	numeric	
V752	BTBSTB13	SCI\CHEM\REACTIVITY+TRANSFORM.\BEFORE	discrete	numeric	
V753	BTBSTT13	SCI\CHEM\REACTIVITY+TRANSFORM.\THIS YEAR	discrete	numeric	
V754	BTBSNT13	SCI\CHEM\REACTIVITY+TRANSFORM.\NOT KNOW	discrete	numeric	
V755	BTBSTB14	SCI\CHEM\ENERGY.\BEFORE	discrete	numeric	
V756	BTBSTT14	SCI\CHEM\ENERGY.\THIS YEAR	discrete	numeric	



ID	Name	Label	Type	Format	Question
V757	BTBSNT14	SCI\CHEM\ENERGY.\NOT KNOW	discrete	numeric	
V758	BTBSTB15	SCI\PHYS\PROPERTIES OF MATTER\BEFORE	discrete	numeric	
V759	BTBSTT15	SCI\PHYS\PROPERTIES OF MATTER\THIS YEAR	discrete	numeric	
V760	BTBSNT15	SCI\PHYS\PROPERTIES OF MATTER\NOT KNOW	discrete	numeric	
V761	BTBSTB16	SCI\PHYS\SUBATOMIC PARTICLES\BEFORE	discrete	numeric	
V762	BTBSTT16	SCI\PHYS\SUBATOMIC PARTICLES\THIS YEAR	discrete	numeric	
V763	BTBSNT16	SCI\PHYS\SUBATOMIC PARTICLES\NOT KNOW	discrete	numeric	
V764	BTBSTB17	SCI\PHYS\ENERGY TYPES.\BEFORE	discrete	numeric	
V765	BTBSTT17	SCI\PHYS\ENERGY TYPES.\THIS YEAR	discrete	numeric	
V766	BTBSNT17	SCI\PHYS\ENERGY TYPES.\NOT KNOW	discrete	numeric	
V767	BTBSTB18	SCI\PHYS\HEAT AND TEMP.\BEFORE	discrete	numeric	
V768	BTBSTT18	SCI\PHYS\HEAT AND TEMP.\THIS YEAR	discrete	numeric	
V769	BTBSNT18	SCI\PHYS\HEAT AND TEMP.\NOT KNOW	discrete	numeric	
V770	BTBSTB19	SCI\PHYS\WAVE, SOUND, VIBRATN\BEFORE	discrete	numeric	
V771	BTBSTT19	SCI\PHYS\WAVE, SOUND, VIBRATN\THIS YEAR	discrete	numeric	
V772	BTBSNT19	SCI\PHYS\WAVE, SOUND, VIBRATN\NOT KNOW	discrete	numeric	
V773	BTBSTB20	SCI\PHYS\LIGHT\BEFORE	discrete	numeric	
V774	BTBSTT20	SCI\PHYS\LIGHT\THIS YEAR	discrete	numeric	
V775	BTBSNT20	SCI\PHYS\LIGHT\NOT KNOW	discrete	numeric	
V776	BTBSTB21	SCI\PHYS\ELECTRICITY+MAGNET.\BEFORE	discrete	numeric	
V777	BTBSTT21	SCI\PHYS\ELECTRICITY+MAGNET.\THIS YEAR	discrete	numeric	
V778	BTBSNT21	SCI\PHYS\ELECTRICITY+MAGNET.\NOT KNOW	discrete	numeric	
V779	BTBSTB22	SCI\PHYS\FORCES AND MOTION\BEFORE	discrete	numeric	
V780	BTBSTT22	SCI\PHYS\FORCES AND MOTION\THIS YEAR	discrete	numeric	
V781	BTBSNT22	SCI\PHYS\FORCES AND MOTION\NOT KNOW	discrete	numeric	
V782	BTBSTB23	SCI\ENVRNMT\POLLUTION\BEFORE	discrete	numeric	
V783	BTBSTT23	SCI\ENVRNMT\POLLUTION\THIS YEAR	discrete	numeric	
V784	BTBSNT23	SCI\ENVRNMT\POLLUTION\NOT KNOW	discrete	numeric	
V785	BTBSTB24	SCI\ENVRNMT\CONSERVATN\BEFORE	discrete	numeric	
V786	BTBSTT24	SCI\ENVRNMT\CONSERVATN\THIS YEAR	discrete	numeric	
V787	BTBSNT24	SCI\ENVRNMT\CONSERVATN\NOT KNOW	discrete	numeric	
V788	BTBSTB25	SCI\ENVRMNT\FOOD.\BEFORE	discrete	numeric	
V789	BTBSTT25	SCI\ENVRMNT\FOOD.\THIS YEAR	discrete	numeric	
V790	BTBSNT25	SCI\ENVRMNT\FOOD.\NOT KNOW	discrete	numeric	
V791	BTBSTB26	SCI\INQUIRY\SCIENTIFIC METHOD\BEFORE	discrete	numeric	
V792	BTBSTT26	SCI\INQUIRY\SCIENTIFIC METHOD\THIS YEAR	discrete	numeric	
V793	BTBSNT26	SCI\INQUIRY\SCIENTIFIC METHOD\NOT KNOW	discrete	numeric	
V794	BTBSTB27	SCI\INQUIRY\EXPER. DESIGN\BEFORE	discrete	numeric	
V795	BTBSTT27	SCI\INQUIRY\EXPER. DESIGN\THIS YEAR	discrete	numeric	
V796	BTBSNT27	SCI\INQUIRY\EXPER. DESIGN\NOT KNOW	discrete	numeric	

ID	Name	Label	Type	Format	Question
V797	BTBSTB28	SCI\INQUIRY\MEASUREMENTS\BEFORE	discrete	numeric	
V798	BTBSTT28	SCI\INQUIRY\MEASUREMENTS\THIS YEAR	discrete	numeric	
V799	BTBSNT28	SCI\INQUIRY\MEASUREMENTS\NOT KNOW	discrete	numeric	
V800	BTBSTB29	SCI\INQUIRY\SC APPARATUS\BEFORE	discrete	numeric	
V801	BTBSTT29	SCI\INQUIRY\SC APPARATUS\THIS YEAR	discrete	numeric	
V802	BTBSNT29	SCI\INQUIRY\SC APPARATUS\NOT KNOW	discrete	numeric	
V803	BTBSTB30	SCI\INQUIRY\GATHER,... DATA\BEFORE	discrete	numeric	
V804	BTBSTT30	SCI\INQUIRY\GATHER,... DATA\THIS YEAR	discrete	numeric	
V805	BTBSNT30	SCI\INQUIRY\GATHER,... DATA\NOT KNOW	discrete	numeric	
V806	BTBSTB31	SCI\INQUIRY\DESCRIBE DATA\BEFORE	discrete	numeric	
V807	BTBSTT31	SCI\INQUIRY\DESCRIBE DATA\THIS YEAR	discrete	numeric	
V808	BTBSNT31	SCI\INQUIRY\DESCRIBE DATA\NOT KNOW	discrete	numeric	
V809	BTBSLM01	SCI\CLSS\DIFFERENT ACADEMIC ABILITIES	discrete	numeric	
V810	BTBSLM02	SCI\CLSS\WIDE RANGE OF BACKGROUNDS	discrete	numeric	
V811	BTBSLM03	SCT\CLSS\SPECIAL NEEDS	discrete	numeric	
V812	BTBSLM04	SCI\CLSS\UNINTERESTED STUDENTS	discrete	numeric	
V813	BTBSLM05	SCI\CLSS\DISRUPTIVE STUDENTS	discrete	numeric	
V814	BTBSLM06	SCI\CLSS\PARENTS INTRESTD IN PROGRSS	discrete	numeric	
V815	BTBSLM07	SCI\CLSS\PARENTS UNINTRESTD IN PROGR	discrete	numeric	
V816	BTBSLM08	SCI\CLSS\SHORTGE OF COMPUTR HARDWARE	discrete	numeric	
V817	BTBSLM09	SCI\CLSS\SHORTGE OF COMPUTR SOFTWARE	discrete	numeric	
V818	BTBSLM10	SCI\CLSS\SHORTGE OF INSTR EQUIPMENT	discrete	numeric	
V819	BTBSLM11	SCI\CLSS\SHORTGE OF DEMNSTR EQUIPMNT	discrete	numeric	
V820	BTBSLM12	SCI\CLSS\INADEQUATE PHYSICL FACILITS	discrete	numeric	
V821	BTBSLM13	SCI\CLSS\HIGH STUDENT TEACHER RATIO	discrete	numeric	
V822	BTBSLM14	SCI\CLSS\LOW MORAL AMONG STAFF	discrete	numeric	
V823	BTBSLM15	SCI\CLSS\LOW MORAL AMONG STUDENTS	discrete	numeric	
V824	BTBSLM16	SCI\CLSS\THREATS 2 PERS OR STDY SFTY	discrete	numeric	
V825	BTBSHMW2	SCI\HOMEWORK FREQUENCY	discrete	numeric	
V826	BTBSHWMA	SCI\AVERAGE TIME NEEDED FOR HOMEWORK	discrete	numeric	
V827	BTBSWKBR	SCI\HOMEWORK\WORKSHEETS OR -BOOK	discrete	numeric	
V828	BTBSPROR	SCI\HOMEWORK\TEXTBOOK PROBLEMS	discrete	numeric	
V829	BTBSREAR	SCI\HOMEWORK\TEXTBOOK READING	discrete	numeric	
V830	BTBSWRIR	SCI\HOMEWORK\WRITING ASSIGNMENT	discrete	numeric	
V831	BTBSDATR	SCI\HOMEWORK\SMALL INVESTIGATIONS	discrete	numeric	
V832	BTBSIEXR	SCI\HOMEWORK\INDIVIDUAL PROJECTS	discrete	numeric	
V833	BTBSGEXR	SCI\HOMEWORK\SMALL GROUP PROJECTS	discrete	numeric	
V834	BTBSFINR	SCI\HOMEWORK\FIND USES OF CONTENT	discrete	numeric	
V835	BTBSORAR	SCI\HOMEWORK\PREPARE ORAL REPORTS	discrete	numeric	
V836	BTBSJORR	SCI\HOMEWORK\KEEP A JOURNAL	discrete	numeric	

ID	Name	Label	Type	Format	Question
V837	BTBSWHNA	SCI\WRITTEN HMWK\DO NOT ASSIGN	discrete	numeric	
V838	BTBSWHR1	SCI\WRITTEN HMWK\RECORD COMPLETION	discrete	numeric	
V839	BTBSWHR2	SCI\WRITTEN HMWK\KEEP ASSIGNMENTS	discrete	numeric	
V840	BTBSWHR3	SCI\WRITTEN HMWK\RETURN ASSIGNMENTS	discrete	numeric	
V841	BTBSWHR4	SCI\WRITTEN HMWK\FEEDBACK TO CLASS	discrete	numeric	
V842	BTBSWHR5	SCI\WRITTEN HMWK\STUDENTS CORRECT OWN	discrete	numeric	
V843	BTBSWHR6	SCI\WRITTEN HMWK\STUDENTS CORRECT OTHER	discrete	numeric	
V844	BTBSWHR7	SCI\WRITTEN HMWK\BASIS FOR DISCUSSION	discrete	numeric	
V845	BTBSWHR8	SCI\WRITTEN HMWK\GRADE CONTRIBUTION	discrete	numeric	
V846	BTBSWGT1	SCI\ASSMNT WEIGHT\STANDARD TESTS	discrete	numeric	
V847	BTBSWGT2	SCI\ASSMNT WEIGHT\REASONING TESTS	discrete	numeric	
V848	BTBSWGT3	SCI\ASSMNT WEIGHT\MULTIPLE CHOICE	discrete	numeric	
V849	BTBSWGT4	SCI\ASSMNT WEIGHT\HOMEWORK PERFRMNC	discrete	numeric	
V850	BTBSWGT5	SCI\ASSMNT WEIGHT\PROJECT PERFRMNC	discrete	numeric	
V851	BTBSWGT6	SCI\ASSMNT WEIGHT\OBSERVATION	discrete	numeric	
V852	BTBSWGT7	SCI\ASSMNT WEIGHT\RESPONSES IN CLASS	discrete	numeric	
V853	BTBGASS1	GEN\FREQUENCY\PROVIDE GRADES	discrete	numeric	
V854	BTBGASS2	GEN\FREQUENCY\PROVIDE FEEDBACK	discrete	numeric	
V855	BTBGASS3	GEN\FREQUENCY\DIAGNOSE PROBLEMS	discrete	numeric	
V856	BTBGASS4	GEN\FREQUENCY\REPORT TO PARENTS	discrete	numeric	
V857	BTBGASS5	GEN\FREQUENCY\ASSIGN DIFFERNT TRACKS	discrete	numeric	
V858	BTBGASS6	GEN\FREQUENCY\PLAN FUTURE LESSONS	discrete	numeric	
V859	BTDGSUBT	GEN\TOTAL HOURS TEACH. TIME (FROM DPC)	contin	numeric	
V860	BTDGTSKT	GEN\TOTAL HOURS PERF. OTHER TASKS (DPC)	contin	numeric	
V861	BTDSSGRD	SCI\HAVE BA OR MASTERS IN GENERAL SCI	discrete	numeric	
V862	BTDSSQUA	SCI\QUALIFICATION TO TEACH GENERAL SCI	discrete	numeric	
V863	BTDSEGRD	SCI\HAVE BA OR MASTERS IN EARTH SCI	discrete	numeric	
V864	BTDSEQUA	SCI\QUALIFICATION TO TEACH EARTH SCI	discrete	numeric	
V865	BTDSBGRD	SCI\HAVE BA OR MASTERS IN BIOLOGY	discrete	numeric	
V866	BTDSBQUA	SCI\QUALIFICATION TO TEACH BIOLOGY	discrete	numeric	
V867	BTDSPGRD	SCI\HAVE BA OR MASTERS IN PHYS/PHYS SCI	discrete	numeric	
V868	BTDSPQUA	SCI\QUAL. TO TEACH PHYS/PHYS SCI	discrete	numeric	
V869	BTDSCGRD	SCI\HAVE BA OR MASTERS IN CHEMISTRY	discrete	numeric	
V870	BTDSCQUA	SCI\QUALIFICATION TO TEACH CHEMISTRY	discrete	numeric	
V871	BTDSCPTS	SCI\INDEX OF CONFIDENCE TEACH SCIENCE	discrete	numeric	
V872	BTDSTPTT	SCI\PERC. SCI TOPICS PREPARED TO TEACH	contin	numeric	
V873	BTDSSIZE	SCI\AVERAGE CLASS SIZE	contin	numeric	
V874	BTDSSZ3C	SCI\SCIENCE CLASS SIZE IN 3 CATEGORIES	discrete	numeric	
V875	BTDSEPS	SCI\INDEX:EMPHASIS ON PROB.SOLVING	discrete	numeric	
V876	BTDSTS	SCI\HRS/WK TEACHING SCIENCE	contin	numeric	

ID	Name	Label	Type	Format	Question
V877	BTDSTIME	SCI\CLSS\LENGTH OF SCIENCE CLASS	discrete	numeric	
V878	BTDSESH	SCI\INDEX:EMPHASIS ON SCIENCE HOMEWORK	discrete	numeric	
V879	BTDSHWK	SCI\AMOUNT OF SCIENCE HOMEWORK	discrete	numeric	
V880	BTDSHWK2	SCI\HOMEWORK BASED ON PROJ. AND INVEST.	discrete	numeric	
V881	BTDGTTIM	GEN\PERC. OF SCHOOL TIME TEACH. ANYTHING	contin	numeric	
V882	BTDSTTIM	SCI\PERC. OF SCHOOL TIME TEACH. SCIENCE	contin	numeric	
V883	BTDGCPLN	GEN\PERC. OF SCHOOL TIME CURRI. PLANNIN	contin	numeric	
V884	BTDGADMN	GEN\PERC. OF SCHOOL TIME ADMIN. DUTIES	contin	numeric	
V885	BTDGOTHR	GEN\PERC. OF SCHOOL TIME OTHER ACTIVIT.	contin	numeric	
V886	BTDGSMJ1	SCI\MAJOR AREA OF STUDY BIOLOGY	discrete	numeric	
V887	BTDGSMJ2	SCI\MAJOR AREA OF STUDY PHYSICS	discrete	numeric	
V888	BTDGSMJ3	SCI\MAJOR AREA OF STUDY CHEMISTRY	discrete	numeric	
V889	BTDGSMJ4	SCI\MAJOR AREA OF STUDY SCIENCE EDUC	discrete	numeric	
V890	BTDGSMJ5	SCI\MAJOR AREA OF STUDY MATHEMATICS	discrete	numeric	
V891	BTDGSMJ6	SCI\MAJOR AREA OF STUDY EDUCATION	discrete	numeric	
V892	BTDGSMJ7	SCI\MAJOR AREA OF STUDY OTHER	discrete	numeric	
V893	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	contin	numeric	

## TIMSS 1999 - Population 2 - Student Bg - All Countries v1

Content

Cases 232066

Variable(s) 531

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V894	VERSION	*FILE VERSION*	discrete	numeric	
V895	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V896	IDPOP	*POPULATION ID*	discrete	numeric	
V897	IDBSET	*BOOKLET SET (CODING)*	discrete	numeric	
V898	IDSCORR	*CODER*	contin	numeric	
V899	IDSCORA	*2ND CODER*	contin	numeric	
V900	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V901	IDCLASS	*CLASS ID*	contin	numeric	
V902	IDSTUD	*STUDENT ID*	contin	numeric	
V903	IDGRADE	*GRADE*	contin	numeric	
V904	IDGRADER	*STANDARDIZED GRADE ID*	discrete	numeric	
V905	IDBOOK	*BOOKLET ID*	discrete	numeric	
V906	ITBOOK	*ACHIEVEMENT TEST BOOKLET*	discrete	numeric	
V907	ITEXCLUD	*INDICATOR FOR EXCLUDED STUDENTS*	discrete	numeric	
V908	ITBIRTHM	*STUDENT'S DATE OF BIRTH\MONTH*	contin	numeric	
V909	ITBIRTHY	*STUDENT'S DATE OF BIRTH\YEAR*	contin	numeric	
V910	ITSEX	*STUDENT'S SEX*	discrete	numeric	
V911	ITLANG	*LANGUAGE OF TESTING*	contin	numeric	
V912	ITADMINI	*TEST ADMINISTRATORS POSITION*	discrete	numeric	
V913	ITDATEM	*DATE OF TESTING/MONTH*	contin	numeric	
V914	ITDATEY	*DATE OF TESTING/YEAR*	contin	numeric	
V915	ITPART	*PARTICIPATION STATUS/ACHIEVEMENT SESS.*	discrete	numeric	
V916	ILRELIAB	*RELIABILITY CODING STATUS*	discrete	numeric	
V917	BSGBIRD	GEN\DATE OF BIRTH\DAY	contin	numeric	
V918	BSGBIRM	GEN\DATE OF BIRTH\MONTH	contin	numeric	
V919	BSGBIRY	GEN\DATE OF BIRTH\YEAR	contin	numeric	
V920	BSDAGE	D:STUDENTS AGE	contin	numeric	
V921	BSBGSEX	GEN\STUDENT'S SEX	discrete	numeric	

ID	Name	Label	Type	Format	Question
V922	BSBGBRN1	GEN\BORN IN COUNTRY	discrete	numeric	
V923	BSBGBRN2	GEN\BORN IN COUNTRY\AGE	contin	numeric	
V924	BSBGLANG	GEN\SPEAK LANGUAGE OF TEST AT HOME	discrete	numeric	
V925	BSBMEXTR	MAT\OUTSIDE SCHL\EXTRA LESSONS	discrete	numeric	
V926	BSBSEXTR	SCI\OUTSIDE SCHL\EXTRA LESSONS	discrete	numeric	
V927	BSBGCLUB	GEN\OUTSIDE SCHL\CLUBS PARTICIPATION	discrete	numeric	
V928	BSBGPAID	GEN\OUTSIDE SCHL\WORK AT PAID JOB	discrete	numeric	
V929	BSBGDAY1	GEN\OUTSIDE SCHL\WATCH TV OR VIDEOS	discrete	numeric	
V930	BSBGDAY2	GEN\OUTSIDE SCHL\PLAY COMPUTER GAMES	discrete	numeric	
V931	BSBGDAY3	GEN\OUTSIDE SCHL\PLAY WITH FRIENDS	discrete	numeric	
V932	BSBGDAY4	GEN\OUTSIDE SCHL\DOING JOBS AT HOME	discrete	numeric	
V933	BSBGDAY5	GEN\OUTSIDE SCHL\PLAYING SPORTS	discrete	numeric	
V934	BSBGDAY6	GEN\OUTSIDE SCHL\READING A BOOK	discrete	numeric	
V935	BSBMDAY7	MAT\OUTSIDE SCHL\STUDYING MATH	discrete	numeric	
V936	BSBSDAY8	SCI\OUTSIDE SCHL\STUDYING SCIENCE	discrete	numeric	
V937	BSBGDAY9	GEN\OUTSIDE SCHL\STUDYING OTHER SUBJ	discrete	numeric	
V938	BSBGEDMO	GEN\HIGHEST EDUC LEVEL\MOTHER	discrete	numeric	
V939	BSBGEDFA	GEN\HIGHEST EDUC LEVEL\FATHER	discrete	numeric	
V940	BSBGEDSE	GEN\HIGHEST EDUC LEVEL\SELF	discrete	numeric	
V941	BSBGBRNM	GEN\BORN IN COUNTRY\MOTHER	discrete	numeric	
V942	BSBGBRNF	GEN\BORN IN COUNTRY\FATHER	discrete	numeric	
V943	BSBGBOOK	GEN\# OF BOOKS IN STUDENT'S HOME	discrete	numeric	
V944	BSBGPS01	GEN\HOME POSSESS\CALCULATOR	discrete	numeric	
V945	BSBGPS02	GEN\HOME POSSESS\COMPUTER	discrete	numeric	
V946	BSBGPS03	GEN\HOME POSSESS\STUDY DESK	discrete	numeric	
V947	BSBGPS04	GEN\HOME POSSESS\DICTIONARY	discrete	numeric	
V948	BSBGPS05	GEN\HOME POSSESS\	discrete	numeric	
V949	BSBGPS06	GEN\HOME POSSESS\	discrete	numeric	
V950	BSBGPS07	GEN\HOME POSSESS\	discrete	numeric	
V951	BSBGPS08	GEN\HOME POSSESS\	discrete	numeric	
V952	BSBGPS09	GEN\HOME POSSESS\	discrete	numeric	
V953	BSBGPS10	GEN\HOME POSSESS\	discrete	numeric	
V954	BSBGPS11	GEN\HOME POSSESS\	discrete	numeric	
V955	BSBGPS12	GEN\HOME POSSESS\	discrete	numeric	
V956	BSBGPS13	GEN\HOME POSSESS\	discrete	numeric	
V957	BSBGPS14	GEN\HOME POSSESS\	discrete	numeric	
V958	BSBGPS15	GEN\HOME POSSESS\	discrete	numeric	
V959	BSBGPS16	GEN\HOME POSSESS\	discrete	numeric	
V960	BSBSMIP1	SCI\MOTHER IMPT\DO WELL IN SCIENCE	discrete	numeric	
V961	BSBMMIP2	MAT\MOTHER IMPT\DO WELL IN MATH	discrete	numeric	

ID	Name	Label	Type	Format	Question
V962	BSBGMIP3	GEN\MOTHER IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V963	BSBGMIP5	GEN\MOTHER IMPT\HAVE TIME FOR FUN	discrete	numeric	
V964	BSBGMIP4	GEN\MOTHER IMPT\GOOD IN SPORTS	discrete	numeric	
V965	BSBMCLS1	MAT\STUDENTS NEGLECT SCHOOL WORK	discrete	numeric	
V966	BSBMCLS2	MAT\STUDENTS ORDERLY AND QUITE	discrete	numeric	
V967	BSBMCLS3	MAT\STUDENTS DO EXACTLY AS TOLD	discrete	numeric	
V968	BSBSFIP1	SCI\FRIENDS IMPT\DO WELL IN SCIENCE	discrete	numeric	
V969	BSBMFIP2	MAT\FRIENDS IMPT\DO WELL IN MATH	discrete	numeric	
V970	BSBGFIP3	GEN\FRIENDS IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V971	BSBGFIP4	GEN\FRIENDS IMPT\HAVE TIME FOR FUN	discrete	numeric	
V972	BSBGFIP5	GEN\FRIENDS IMPT\GOOD IN SPORTS	discrete	numeric	
V973	BSBSSIP1	SCI\SELF IMPT\DO WELL IN SCIENCE	discrete	numeric	
V974	BSBMSIP2	MAT\SELF IMPT\DO WELL IN MATH	discrete	numeric	
V975	BSBGSIP3	GEN\SELF IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V976	BSBGSIP4	GEN\SELF IMPT\HAVE TIME FOR FUN	discrete	numeric	
V977	BSBGSIP5	GEN\SELF IMPT\GOOD IN SPORTS	discrete	numeric	
V978	BSBMGOOD	MAT\USUALLY DO WELL IN MATH	discrete	numeric	
V979	BSBBGOOD	BIO\USUALLY DO WELL IN BIOLOGY	discrete	numeric	
V980	BSBEGOOD	EAR\USUALLY DO WELL IN EARTH SCI	discrete	numeric	
V981	BSBCGOOD	CHEM\USUALLY DO WELL IN CHEMISTRY	discrete	numeric	
V982	BSBPGOOD	PHY\USUALLY DO WELL IN PHYSICS	discrete	numeric	
V983	BSBMMYT1	MAT\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V984	BSBMMYT2	MAT\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V985	BSBMMYT3	MAT\I AM JUST NOT TALENTED	discrete	numeric	
V986	BSBMMYT4	MAT\I WILL NEVER REALLY UNDERSTAND IT	discrete	numeric	
V987	BSBMMYT5	MAT\NOT ONE OF MY STRENGTHS	discrete	numeric	
V988	BSBMDOW1	MAT\DO WELL\NATURAL TALENT	discrete	numeric	
V989	BSBMDOW2	MAT\DO WELL\GOOD LUCK	discrete	numeric	
V990	BSBMDOW3	MAT\DO WELL\HARD WORK STUDYING	discrete	numeric	
V991	BSBMDOW4	MAT\DO WELL\MEMORIZE NOTES	discrete	numeric	
V992	BSBSBYT1	BIO\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V993	BSBSBYT2	BIO\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V994	BSBSBYT3	BIO\I AM JUST NOT TALENTED	discrete	numeric	
V995	BSBSBYT4	BIO\NOT ONE OF MY STRENGTHS	discrete	numeric	
V996	BSBSEYT1	EAR\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V997	BSBSEYT2	EAR\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V998	BSBSEYT3	EAR\I AM JUST NOT TALENTED	discrete	numeric	
V999	BSBSEYT4	EAR\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1000	BSBSCYT1	CHEM\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1001	BSBSCYT2	CHEM\MORE DIFFICULT FOR ME THAN FOR OTHR	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1002	BSBSCYT3	CHEM\I AM JUST NOT TALENTED	discrete	numeric	
V1003	BSBSCYT4	CHEM\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1004	BSBSPYT1	PHY\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1005	BSBSPYT2	PHY\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V1006	BSBSPYT3	PHY\I AM JUST NOT TALENTED	discrete	numeric	
V1007	BSBSPYT4	PHY\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1008	BSBSDOW1	SCI\DO WELL\NATURAL TALENT	discrete	numeric	
V1009	BSBSDOW2	SCI\DO WELL\GOOD LUCK	discrete	numeric	
V1010	BSBSDOW3	SCI\DO WELL\HARD WORK STUDYING	discrete	numeric	
V1011	BSBSDOW4	SCI\DO WELL\MEMORIZE NOTES	discrete	numeric	
V1012	BSBMLIKE	MAT\LIKE MATHEMATICS	discrete	numeric	
V1013	BSBBLIKB	BIO\LIKE BIOLOGICAL SCIENCE	discrete	numeric	
V1014	BSBBLIKE	BIO\LIKE BIOLOGICAL SCIENCE	discrete	numeric	
V1015	BSBELIKS	EAR\LIKE EARTH SCIENCE	discrete	numeric	
V1016	BSBELIKE	EAR\LIKE EARTH SCIENCE	discrete	numeric	
V1017	BSBCLIKC	CHEM\LIKE\CHEMISTRY	discrete	numeric	
V1018	BSBCLIKE	CHEM\LIKE\CHEMISTRY	discrete	numeric	
V1019	BSBPLIKP	PHY\LIKE\PHYSICS	discrete	numeric	
V1020	BSBPLIKE	PHY\LIKE\PHYSICS	discrete	numeric	
V1021	BSBMLUCM	MAT\LIKE COMPUTERS\MATH CLASS	discrete	numeric	
V1022	BSBSLUCS	SCI\LIKE COMPUTERS\SCIENCE CLASS	discrete	numeric	
V1023	BSBGINT1	GEN\INTERNET\AT HOME	discrete	numeric	
V1024	BSBGINT2	GEN\INTERNET\AT SCHOOL	discrete	numeric	
V1025	BSBGINT3	GEN\INTERNET\ELSEWHERE	discrete	numeric	
V1026	BSBGOF1	GEN\INTERNET\EMAILS MATH PROJECTS	discrete	numeric	
V1027	BSBGOF2	GEN\INTERNET\EMAILS SCIENCE PROJECTS	discrete	numeric	
V1028	BSBGOF3	GEN\INTERNET\WWW MATH PROJECTS	discrete	numeric	
V1029	BSBGOF4	GEN\INTERNET\WWW SCIENCE PROJECTS	discrete	numeric	
V1030	BSBMENJY	MAT\THINK\ENJOY LEARNING MATH	discrete	numeric	
V1031	BSBMBORE	MAT\THINK\MATH IS BORING	discrete	numeric	
V1032	BSBMEASY	MAT\THINK\MATH IS AN EASY SUBJECT	discrete	numeric	
V1033	BSBMLIFE	MAT\THINK\MATH IS IMPORTANT IN LIFE	discrete	numeric	
V1034	BSBMWORK	MAT\THINK\LIKE JOB INVOLVING MATH	discrete	numeric	
V1035	BSBMJOB	MAT\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1036	BSBMPRNT	MAT\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1037	BSBMSCHL	MAT\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1038	BSBMSELF	MAT\DO WELL\TO PLEASE SELF	discrete	numeric	
V1039	BSBMPROB	MAT\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1040	BSBMNOTE	MAT\COPY NOTES FROM THE BOARD	discrete	numeric	
V1041	BSBMTEST	MAT\HAVE A QUIZ OR TEST	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1042	BSBM PROJ	MAT\WORK ON PROJECTS	discrete	numeric	
V1043	BSBMWSHT	MAT\WORK FROM WORKSHEETS ON OUR OWN	discrete	numeric	
V1044	BSBMCALC	MAT\USE CALCULATORS	discrete	numeric	
V1045	BSBMCOMP	MAT\USE COMPUTERS	discrete	numeric	
V1046	BSBMEVLF	MAT\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1047	BSBMSGRP	MAT\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1048	BSBMHWGV	MAT\TEACHER GIVES HOMEWORK	discrete	numeric	
V1049	BSBMHWCL	MAT\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1050	BSBMHWTC	MAT\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1051	BSBMHWFC	MAT\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1052	BSBMHWDS	MAT\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1053	BSBMUSBT	MAT\TEACHER USES BOARD	discrete	numeric	
V1054	BSBMUSOT	MAT\TEACHER USES OVERHEAD	discrete	numeric	
V1055	BSBMUSBS	MAT\STUDENTS USE BOARD	discrete	numeric	
V1056	BSBMUSOS	MAT\STUDENTS USE OVERHEAD	discrete	numeric	
V1057	BSBMRUPT	MAT\TEACHER GETS INTERRUPTED	discrete	numeric	
V1058	BSBMIDEA	MAT\TEACHER USES COMPUTER	discrete	numeric	
V1059	BSBMRULE	MAT\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1060	BSBMPRAC	MAT\NEW TOPIC\DISCUSS PROCTICAL PROB	discrete	numeric	
V1061	BSBMSGMP	MAT\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1062	BSBMASK	MAT\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1063	BSBMTXBK	MAT\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1064	BSBMEG	MAT\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1065	BSBBSTDY	SCI\STUDYING THIS YEAR\BIOLOGY	discrete	numeric	
V1066	BSBCSTDY	SCI\STUDYING THIS YEAR\CHEMISTRY	discrete	numeric	
V1067	BSBESTDY	SCI\STUDYING THIS YEAR\EARTH SCIENCE	discrete	numeric	
V1068	BSBPSTDY	SCI\STUDYING THIS YEAR\PHYSICS	discrete	numeric	
V1069	BSBBENJY	BIO\THINK\ENJOY LEARNING BIOLOGY	discrete	numeric	
V1070	BSBBBORE	BIO\THINK\BIOLOGY IS BORING	discrete	numeric	
V1071	BSBBEASY	BIO\THINK\BIOLOGY IS AN EASY SUBJECT	discrete	numeric	
V1072	BSBBLIFE	BIO\THINK\BIOLOGY IS IMPORT IN LIFE	discrete	numeric	
V1073	BSBBWORK	BIO\THINK\LIKE JOB INVOLVING BIOLOGY	discrete	numeric	
V1074	BSBBJOB	BIO\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1075	BSBBPRNT	BIO\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1076	BSBBSCHL	BIO\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1077	BSBBSELF	BIO\DO WELL\TO PLEASE SELF	discrete	numeric	
V1078	BSBBPROB	BIO\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1079	BSBBNOTE	BIO\COPY NOTES FROM THE BOARD	discrete	numeric	
V1080	BSBBTEST	BIO\HAVE A QUIZ OR TEST	discrete	numeric	
V1081	BSBBPROJ	BIO\WORK ON PROJECTS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1082	BSBBWSHT	BIO\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V1083	BSBBCALC	BIO\USE CALCULATORS	discrete	numeric	
V1084	BSBBCOMP	BIO\USE COMPUTERS	discrete	numeric	
V1085	BSBBEVL	BIO\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1086	BSBBSGRP	BIO\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1087	BSBBHWGV	BIO\TEACHER GIVES HOMEWORK	discrete	numeric	
V1088	BSBBHWCL	BIO\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1089	BSBBHWTC	BIO\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1090	BSBBHWFC	BIO\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1091	BSBBHWDS	BIO\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1092	BSBBDEMO	BIO\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V1093	BSBBEXPR	BIO\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V1094	BSBBUSBT	BIO\TEACHER USES BOARD	discrete	numeric	
V1095	BSBBUSOT	BIO\TEACHER USES OVERHEAD	discrete	numeric	
V1096	BSBBUSBS	BIO\STUDENTS USE BOARD	discrete	numeric	
V1097	BSBBUSOS	BIO\STUDENTS USE OVERHEAD	discrete	numeric	
V1098	BSBBRUPT	BIO\TEACHER GETS INTERRUPTED	discrete	numeric	
V1099	BSBBIDEA	BIO\TEACHER USES COMPUTER	discrete	numeric	
V1100	BSBBRULE	BIO\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1101	BSBBPRAC	BIO\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V1102	BSBBMGP	BIO\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1103	BSBBASK	BIO\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1104	BSBBTXBK	BIO\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1105	BSBBEG	BIO\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1106	BSBCENJY	CHE\THINK\ENJOY LEARNING CHEMISTRY	discrete	numeric	
V1107	BSBCBORE	CHE\THINK\CHEMISTRY IS BORING	discrete	numeric	
V1108	BSBCEASY	CHE\THINK\CHEM IS AN EASY SUBJECT	discrete	numeric	
V1109	BSBCLIFE	CHE\THINK\CHEM IS IMPORT IN LIFE	discrete	numeric	
V1110	BSBCWORK	CHE\THINK\LIKE JOB INVOLVING CHEM	discrete	numeric	
V1111	BSBCJOB	CHE\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1112	BSBCPRNT	CHE\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1113	BSBCSCHL	CHE\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1114	BSBCSELF	CHE\DO WELL\TO PLEASE SELF	discrete	numeric	
V1115	BSBCPROB	CHE\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1116	BSBCNOTE	CHE\COPY NOTES FROM THE BOARD	discrete	numeric	
V1117	BSBCTEST	CHE\HAVE A QUIZ OR TEST	discrete	numeric	
V1118	BSBCPROJ	CHE\WORK ON PROJECTS	discrete	numeric	
V1119	BSBCWSHT	CHE\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V1120	BSBCCALC	CHE\USE CALCULATORS	discrete	numeric	
V1121	BSBCCOMP	CHE\USE COMPUTERS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1122	BSBCEVLF	CHE\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1123	BSBCSGRP	CHE\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1124	BSBCHWGV	CHE\TEACHER GIVES HOMEWORK	discrete	numeric	
V1125	BSBCHWCL	CHE\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1126	BSBCHWTC	CHE\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1127	BSBCHWFC	CHE\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1128	BSBCHWDS	CHE\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1129	BSBCDEMO	CHE\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V1130	BSBCEXP	CHE\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V1131	BSBCUSBT	CHE\TEACHER USES BOARD	discrete	numeric	
V1132	BSBCUSOT	CHE\TEACHER USES OVERHEAD	discrete	numeric	
V1133	BSBCUSBS	CHE\STUDENTS USE BOARD	discrete	numeric	
V1134	BSBCUSOS	CHE\STUDENTS USE OVERHEAD	discrete	numeric	
V1135	BSBCRUPT	CHE\TEACHER GETS INTERRUPTED	discrete	numeric	
V1136	BSBCIDEA	CHE\TEACHER USES COMPUTER	discrete	numeric	
V1137	BSBCRULE	CHE\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1138	BSBCPRAC	CHE\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V1139	BSBCSMGP	CHE\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1140	BSBCASK	CHE\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1141	BSBCTXBK	CHE\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1142	BSBCEG	CHE\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1143	BSBEENJY	EAR\THINK\ENJOY LEARNING EARTH SCI	discrete	numeric	
V1144	BSBEBORE	EAR\THINK\EARTH SCI IS BORING	discrete	numeric	
V1145	BSBEEASY	EAR\THINK\EARTH SCI EASY SUBJECT	discrete	numeric	
V1146	BSBELIFE	EAR\THINK\EARTH SCI IMPORT IN LIFE	discrete	numeric	
V1147	BSBEWORK	EAR\THINK\JOB INVOLVING EARTH SCI	discrete	numeric	
V1148	BSBEJOB	EAR\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1149	BSBEPRNT	EAR\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1150	BSBESCHL	EAR\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1151	BSBESELF	EAR\DO WELL\TO PLEASE SELF	discrete	numeric	
V1152	BSBEPROB	EAR\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1153	BSBENOTE	EAR\COPY NOTES FROM THE BOARD	discrete	numeric	
V1154	BSBETEST	EAR\HAVE A QUIZ OR TEST	discrete	numeric	
V1155	BSBEPROJ	EAR\WORK ON PROJECTS	discrete	numeric	
V1156	BSBEWSHT	EAR\WORK FROM WORKSHEETS ON OUR OWN	discrete	numeric	
V1157	BSBECALC	EAR\USE CALCULATORS	discrete	numeric	
V1158	BSBECOMP	EAR\USE COMPUTERS	discrete	numeric	
V1159	BSBEEVLF	EAR\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1160	BSBESGRP	EAR\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1161	BSBEHWGV	EAR\TEACHER GIVES HOMEWORK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1162	BSBEHWCL	EAR\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1163	BSBEHWTC	EAR\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1164	BSBEHWFC	EAR\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1165	BSBEHWDS	EAR\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1166	BSBEDEMO	EAR\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V1167	BSBEEXPR	EAR\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V1168	BSBEUSBT	EAR\TEACHER USES BOARD	discrete	numeric	
V1169	BSBEUSOT	EAR\TEACHER USES OVERHEAD	discrete	numeric	
V1170	BSBEUSBS	EAR\STUDENTS USE BOARD	discrete	numeric	
V1171	BSBEUSOS	EAR\STUDENTS USE OVERHEAD	discrete	numeric	
V1172	BSBERUPT	EAR\TEACHER GETS INTERRUPTED	discrete	numeric	
V1173	BSBEIDEA	EAR\TEACHER USES COMPUTER	discrete	numeric	
V1174	BSBERULE	EAR\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1175	BSBEPRAC	EAR\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V1176	BSBESMGP	EAR\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1177	BSBEASK	EAR\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1178	BSBETXBK	EAR\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1179	BSBEEG	EAR\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1180	BSBPENJY	PHY\THINK\ENJOY LEARNING PHYSICS	discrete	numeric	
V1181	BSBPBORE	PHY\THINK\PHYSICS IS BORING	discrete	numeric	
V1182	BSBPEASY	PHY\THINK\PHYSICS IS EASY SUBJECT	discrete	numeric	
V1183	BSBPLIFE	PHY\THINK\PHYSICS IMPORT IN LIFE	discrete	numeric	
V1184	BSBPWORK	PHY\THINK\JOB INVOLVING PHYSICS	discrete	numeric	
V1185	BSBPJOB	PHY\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1186	BSBPPRNT	PHY\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1187	BSBP SCHL	PHY\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1188	BSBPSELF	PHY\DO WELL\TO PLEASE SELF	discrete	numeric	
V1189	BSBP PROB	PHY\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1190	BSBPNOTE	PHY\COPY NOTES FROM THE BOARD	discrete	numeric	
V1191	BSBPTEST	PHY\HAVE A QUIZ OR TEST	discrete	numeric	
V1192	BSBP PROJ	PHY\WORK ON PROJECTS	discrete	numeric	
V1193	BSBPWSHT	PHY\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V1194	BSBPCALC	PHY\USE CALCULATORS	discrete	numeric	
V1195	BSBP COMP	PHY\USE COMPUTERS	discrete	numeric	
V1196	BSBPEVLF	PHY\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1197	BSBP SGRP	PHY\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1198	BSBP HWGV	PHY\TEACHER GIVES HOMEWORK	discrete	numeric	
V1199	BSBP HWCL	PHY\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1200	BSBP HWTC	PHY\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1201	BSBP HWFC	PHY\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1202	BSBPHWDS	PHY\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1203	BSBPDEMO	PHY\TEACHER GIVES DEMOSTRATION	discrete	numeric	
V1204	BSBPEXPR	PHY\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V1205	BSBPUSBT	PHY\TEACHER USES BOARD	discrete	numeric	
V1206	BSBPUSOT	PHY\TEACHER USES OVERHEAD	discrete	numeric	
V1207	BSBPUSBS	PHY\STUDENTS USE BOARD	discrete	numeric	
V1208	BSBPUSOS	PHY\STUDENTS USE OVERHEAD	discrete	numeric	
V1209	BSBPRUPT	PHY\TEACHER GETS INTERRUPTED	discrete	numeric	
V1210	BSBPIDEA	PHY\TEACHER USES COMPUTER	discrete	numeric	
V1211	BSBPRULE	PHY\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1212	BSBPPRAC	PHY\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V1213	BSBPSMGP	PHY\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1214	BSBPASK	PHY\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1215	BSBPTXBK	PHY\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1216	BSBPEG	PHY\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1217	BSBGADU1	GEN\STUDENT LIVES WITH\MOTHER	discrete	numeric	
V1218	BSBGADU2	GEN\STUDENT LIVES WITH\FATHER	discrete	numeric	
V1219	BSBGADU3	GEN\STUDENT LIVES WITH\BROTHERS(S)	discrete	numeric	
V1220	BSBGADU4	GEN\STUDENT LIVES WITH\SISTER(S)	discrete	numeric	
V1221	BSBGADU5	GEN\STUDENT LIVES WITH\STEPMOTHER	discrete	numeric	
V1222	BSBGADU6	GEN\STUDENT LIVES WITH\STEPFATHER	discrete	numeric	
V1223	BSBGADU7	GEN\STUDENT LIVES WITH\GRANDPRNT(S)	discrete	numeric	
V1224	BSBGADU8	GEN\STUDENT LIVES WITH\RELATIVE(S)	discrete	numeric	
V1225	BSBGADU9	GEN\STUDENT LIVES WIHT\OTHER(S)	discrete	numeric	
V1226	BSBGHOME	GEN\# OF PEOPLE LIVING IN HOME	contin	numeric	
V1227	BSBGACT1	GEN\READ A BOOK	discrete	numeric	
V1228	BSBGACT2	GEN\VISIT A MUSEUM	discrete	numeric	
V1229	BSBGACT3	GEN\ATTEND A CONCERT	discrete	numeric	
V1230	BSBGACT4	GEN\GO TO THE THEATRE	discrete	numeric	
V1231	BSBGACT5	GEN\GO TO THE MOVIES	discrete	numeric	
V1232	BSBGNEWS	GEN\WATCH NEWS OR DOCUMENTATIES	discrete	numeric	
V1233	BSBGOPER	GEN\WATCH OPERA,BALLET,CLASS. MUSIC	discrete	numeric	
V1234	BSBGNATR	GEN\WATCH NATURE,WILDLIFE,HISTORY	discrete	numeric	
V1235	BSBGPOPU	GEN\WATCH POPULAR MUSIC	discrete	numeric	
V1236	BSBGSPRT	GEN\WATCH SPORTS	discrete	numeric	
V1237	BSBGVIDE	GEN\WATCH VIDEO GAMES	discrete	numeric	
V1238	BSBGCRTN	GEN\WATCH CARTOONS	discrete	numeric	
V1239	BSBGCMDY	GEN\WATCH COMEDY,ADVENTURE,SUSPENSE	discrete	numeric	
V1240	BSBGSSKP	GEN\STUDENT SKIPPED A CLASS	discrete	numeric	
V1241	BSBGSTL	GEN\STUDENT HAD SOMETHING STOLEN	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1242	BSBGSHRT	GEN\STUDENT THOUGHT MIGHT GET HURT	discrete	numeric	
V1243	BSBGFSKP	GEN\FRIEND SKIPPED A CLASS	discrete	numeric	
V1244	BSBGFSTL	GEN\FRIEND HAD SOMETHING STOLEN	discrete	numeric	
V1245	BSBGFHRT	GEN\FRIEND THOUGHT MIGHT GET HURT	discrete	numeric	
V1246	BSBGENV1	GEN\AIR POLLUTION	discrete	numeric	
V1247	BSBGENV2	GEN\WATER POLLUTION	discrete	numeric	
V1248	BSBGENV3	GEN\DESTRUCTION OF FORESTS	discrete	numeric	
V1249	BSBGENV4	GEN\ENDANGERED SPECIES	discrete	numeric	
V1250	BSBGENV5	GEN\DAMAGE TO OZONE LAYER	discrete	numeric	
V1251	BSBGENV6	GEN\PROBLEMS FR NUCLEAR POWER PLANTS	discrete	numeric	
V1252	BSBSCARE	SCI\CHOOSE OF CARRER IN SCIENCE	discrete	numeric	
V1253	BSBSSYT1	SCI\DIFFICULT\WLD MORE LIKE IF LESS DIFF	discrete	numeric	
V1254	BSBSSYT2	SCI\DIFFICULT\MORE DIFF THAN FOR CLSMATE	discrete	numeric	
V1255	BSBSSYT3	SCI\DIFFICULT\I AM JUST NOT TALENTED	discrete	numeric	
V1256	BSBSSYT4	SCI\DIFFICULT\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1257	BSBMLIKM	MAT\LIKE MATHEMATICS	discrete	numeric	
V1258	BSBSLIKE	SCI\LIKE SCIENCE	discrete	numeric	
V1259	BSBSLIKS	SCI\LIKE SCIENCE	discrete	numeric	
V1260	BSBSSCYE	SCI\STUDYING SCIENCE THIS YEAR	discrete	numeric	
V1261	BSBSENJY	SCI\THINK\ENJOY LEARNING SCIENCE	discrete	numeric	
V1262	BSBSBORE	SCI\THINK\SCIENCE IS BORING	discrete	numeric	
V1263	BSBSEASY	SCI\THINK\SCIENCE IS AN EASY SUBJECT	discrete	numeric	
V1264	BSBSLIFE	SCI\THINK\SCIENCE IS IMPORT IN LIFE	discrete	numeric	
V1265	BSBSWORK	SCI\THINK\LIKE JOB INVOLVING SCIENCE	discrete	numeric	
V1266	BSBSJOB	SCI\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1267	BSBSPRNT	SCI\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1268	BSBSSCHL	SCI\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1269	BSBSSELF	SCI\DO WELL\TO PLEASE SELF	discrete	numeric	
V1270	BSBSPROB	SCI\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1271	BSBSNOTE	SCI\COPY NOTES FROM THE BOARD	discrete	numeric	
V1272	BSBSTEST	SCI\HAVE A QUIZ OR TEST	discrete	numeric	
V1273	BSBSPROJ	SCI\WORK ON PROJECTS	discrete	numeric	
V1274	BSBSWSHT	SCI\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V1275	BSBSCALC	SCI\USE CALCULATORS	discrete	numeric	
V1276	BSBSCOMP	SCI\USE COMPUTERS	discrete	numeric	
V1277	BSBSEVLf	SCI\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1278	BSBSSGRP	SCI\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1279	BSBSHWGV	SCI\TEACHER GIVES HOMEWORK	discrete	numeric	
V1280	BSBSHWCL	SCI\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1281	BSBSHWTC	SCI\TEACHER CHECKS HOMEWORK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1282	BSBSHWFC	SCI\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1283	BSBSHWDS	SCI\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1284	BSBSDEMO	SCI\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V1285	BSBSEXPR	SCI\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V1286	BSBSUSBT	SCI\TEACHER USES BOARD	discrete	numeric	
V1287	BSBSUSOT	SCI\TEACHER USES OVERHEAD	discrete	numeric	
V1288	BSBSUSBS	SCI\STUDENTS USE BOARD	discrete	numeric	
V1289	BSBSUSOS	SCI\STUDENTS USE OVERHEAD	discrete	numeric	
V1290	BSBSRUPT	SCI\TEACHER GETS INTERRUPTED	discrete	numeric	
V1291	BSBSIDEA	SCI\TEACHER USES COMPUTER	discrete	numeric	
V1292	BSBSRULE	SCI\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1293	BSBSPRAC	SCI\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V1294	BSBSSMGP	SCI\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1295	BSBSASK	SCI\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1296	BSBSTXBK	SCI\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1297	BSBSEG	SCI\SOLVE EXAMPLE RELATED TO PROBLEM	discrete	numeric	
V1298	BSBSGOOD	SCI\USUALLY DO WELL IN SCIENCE	discrete	numeric	
V1299	BSDGEDUP	GEN\HIGHEST EDUC LEVEL\PARENTS	discrete	numeric	
V1300	BSDGPSA	GEN\POSSESS ALL\COMPUTER\DESK\DICTIONARY	discrete	numeric	
V1301	BSDGHERI	GEN\INDEX OF HOME EDUCATIONAL RESOURCES	discrete	numeric	
V1302	BSDGSPII	GEN\PEER PRESS ON ACADEMIC WORK	discrete	numeric	
V1303	BSDGOSTI	GEN\OUT-OF-SCHOOL STUDY TIME	discrete	numeric	
V1304	BSDMDAY7	MAT\OUTSIDE SCHL\STUDY MATH	contin	numeric	
V1305	BSDSDAY8	SCI\OUTSIDE SCHL\STUDY SCIENCE	contin	numeric	
V1306	BSDGDAY9	GEN\OUTSIDE SCHL\STUDY OTHER SUBJ	contin	numeric	
V1307	BSDGSALL	GEN\OUTSIDE SCHL\STUDY ALL 3 FIELDS	discrete	numeric	
V1308	BSDMCMAI	MAT\INDEX OF CONFIDENCE IN MATH ABILITY	discrete	numeric	
V1309	BSDMPATM	MAT\POSITIVE ATTITUDE\TOWARD MATHEMATICS	discrete	numeric	
V1310	BSDGSTDT	GEN\DAILY HOURS SPENT STUDYING (DPC)	contin	numeric	
V1311	BSDSCSAI	SCI\INDEX OF CONFIDENCE IN SCIENCE ABILI	discrete	numeric	
V1312	BSDECSAI	SCI\INDEX OF CONFIDENCE IN EARTH SCIENCE	discrete	numeric	
V1313	BSDBCSAI	SCI\INDEX OF CONFIDENCE IN BIOLOGY ABILI	discrete	numeric	
V1314	BSDCCSAI	SCI\INDEX OF CONFIDENCE IN CHEMISTRY ABI	discrete	numeric	
V1315	BSDPCSAI	SCI\INDEX OF CONFIDENCE IN PHYSICS ABILI	discrete	numeric	
V1316	BSDSPATS	SCI\POSITIVE ATTITUDE\TOWARD SCIENCE	discrete	numeric	
V1317	BSDEPATS	SCI\POSITIVE ATTITUDE\TOWARD EARTH SCIEN	discrete	numeric	
V1318	BSDBPATS	SCI\POSITIVE ATTITUDE\TOWARD BIOLOGY	discrete	numeric	
V1319	BSDCPATS	SCI\POSITIVE ATTITUDE\TOWARD CHEMISTRY	discrete	numeric	
V1320	BSDPPATS	SCI\POSITIVE ATTITUDE\TOWARD PHYSICS	discrete	numeric	
V1321	TOTWGT	*TOTAL STUDENT WEIGHT*	contin	numeric	



ID	Name	Label	Type	Format	Question
V1322	HOUWGT	*HOUSE WEIGHT*	contin	numeric	
V1323	SENWGT	*SENATE WEIGHT*	discrete	numeric	
V1324	WGTFAC1	*SCHOOL WEIGHT FACTOR*	contin	numeric	
V1325	WGTAJ1	*SCHOOL WEIGHT ADJUSTMENT*	discrete	numeric	
V1326	WGTFAC2	*CLASS WEIGHT FACTOR*	contin	numeric	
V1327	WGTFAC3	*STUDENT WEIGHT FACTOR*	discrete	numeric	
V1328	WGTAJ3	*STUDENT WEIGHT ADJUSTMENT*	discrete	numeric	
V1329	JKZONE	*JACKKNIFE ZONE*	contin	numeric	
V1330	JKREP	*JACKKNIFE REPLICATE CODE*	discrete	numeric	
V1331	INTMS95	*IN 1995 ASSESSMENT POPULATION*	discrete	numeric	
V1332	INTMS99	*IN 1999 ASSESSMENT POPULATION*	discrete	numeric	
V1333	BSMSTDR	*STANDARDIZED MATH RAW SCORE (50,10)*	contin	numeric	
V1334	BSMNRSC	*NATIONAL MATH RASCH SCORE (150,10)*	contin	numeric	
V1335	BSMSCPT	*RAW SCORE ON MATH ITEMS*	contin	numeric	
V1336	BSSSTDR	*STANDARDIZED SCIENCE RAW SCORE (50,10)*	contin	numeric	
V1337	BSSNRSC	*NATIONAL SCIENCE RASCH SCORE (150,10)*	contin	numeric	
V1338	BSSSCPT	*RAW SCORE ON SCIENCE ITEM*	contin	numeric	
V1339	BSMMAT01	*1ST PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1340	BSMMAT02	*2ND PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1341	BSMMAT03	*3RD PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1342	BSMMAT04	*4TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1343	BSMMAT05	*5TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1344	BSSSCI01	*1ST PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1345	BSSSCI02	*2ND PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1346	BSSSCI03	*3RD PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1347	BSSSCI04	*4TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1348	BSSSCI05	*5TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1349	BSMALG01	*1ST PV ALGEBRA*	contin	numeric	
V1350	BSMALG02	*2ND PV ALGEBRA*	contin	numeric	
V1351	BSMALG03	*3RD PV ALGEBRA*	contin	numeric	
V1352	BSMALG04	*4TH PV ALGEBRA*	contin	numeric	
V1353	BSMALG05	*5TH PV ALGEBRA*	contin	numeric	
V1354	BSMDAP01	*1ST PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1355	BSMDAP02	*2ND PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1356	BSMDAP03	*3RD PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1357	BSMDAP04	*4TH PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1358	BSMDAP05	*5TH PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1359	BSMFNS01	*1ST PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1360	BSMFNS02	*2ND PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1361	BSMFNS03	*3RD PV FRACTIONS + NUMBER SENSE*	contin	numeric	



ID	Name	Label	Type	Format	Question
V1362	BSMFNS04	*4TH PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1363	BSMFNS05	*5TH PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1364	BSMGEO01	*1ST PV GEOMETRY*	contin	numeric	
V1365	BSMGEO02	*2ND PV GEOMETRY*	contin	numeric	
V1366	BSMGEO03	*3RD PV GEOMETRY*	contin	numeric	
V1367	BSMGEO04	*4TH PV GEOMETRY*	contin	numeric	
V1368	BSMGEO05	*5TH PV GEOMETRY*	contin	numeric	
V1369	BSMMEA01	*1ST PV MEASUREMENT*	contin	numeric	
V1370	BSMMEA02	*2ND PV MEASUREMENT*	contin	numeric	
V1371	BSMMEA03	*3RD PV MEASUREMENT*	contin	numeric	
V1372	BSMMEA04	*4TH PV MEASUREMENT*	contin	numeric	
V1373	BSMMEA05	*5TH PV MEASUREMENT*	contin	numeric	
V1374	BSSCHE01	*1ST PV CHEMISTRY*	contin	numeric	
V1375	BSSCHE02	*2ND PV CHEMISTRY*	contin	numeric	
V1376	BSSCHE03	*3RD PV CHEMISTRY*	contin	numeric	
V1377	BSSCHE04	*4TH PV CHEMISTRY*	contin	numeric	
V1378	BSSCHE05	*5TH PV CHEMISTRY*	contin	numeric	
V1379	BSSEAS01	*1ST PV EARTH SCIENCE*	contin	numeric	
V1380	BSSEAS02	*2ND PV EARTH SCIENCE*	contin	numeric	
V1381	BSSEAS03	*3RD PV EARTH SCIENCE*	contin	numeric	
V1382	BSSEAS04	*4TH PV EARTH SCIENCE*	contin	numeric	
V1383	BSSEAS05	*5TH PV EARTH SCIENCE*	contin	numeric	
V1384	BSSLIS01	*1ST PV LIFE SCIENCE*	contin	numeric	
V1385	BSSLIS02	*2ND PV LIFE SCIENCE*	contin	numeric	
V1386	BSSLIS03	*3RD PV LIFE SCIENCE*	contin	numeric	
V1387	BSSLIS04	*4TH PV LIFE SCIENCE*	contin	numeric	
V1388	BSSLIS05	*5TH PV LIFE SCIENCE*	contin	numeric	
V1389	BSSPHY01	*1ST PV PHYSICS*	contin	numeric	
V1390	BSSPHY02	*2ND PV PHYSICS*	contin	numeric	
V1391	BSSPHY03	*3RD PV PHYSICS*	contin	numeric	
V1392	BSSPHY04	*4TH PV PHYSICS*	contin	numeric	
V1393	BSSPHY05	*5TH PV PHYSICS*	contin	numeric	
V1394	BSSERI01	*1ST PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1395	BSSERI02	*2ND PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1396	BSSERI03	*3RD PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1397	BSSERI04	*4TH PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1398	BSSERI05	*5TH PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1399	BSSNOS01	*1ST PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1400	BSSNOS02	*2ND PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1401	BSSNOS03	*3RD PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	

ID	Name	Label	Type	Format	Question
V1402	BSSNOS04	*4TH PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1403	BSSNOS05	*5TH PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1404	BSMIBM01	*INTERN. MATH BENCH REACHED WITH 1ST PV*	discrete	numeric	
V1405	BSMIBM02	*INTERN. MATH BENCH REACHED WITH 2ND PV*	discrete	numeric	
V1406	BSMIBM03	*INTERN. MATH BENCH REACHED WITH 3RD PV*	discrete	numeric	
V1407	BSMIBM04	*INTERN. MATH BENCH REACHED WITH 4TH PV*	discrete	numeric	
V1408	BSMIBM05	*INTERN. MATH BENCH REACHED WITH 5TH PV*	discrete	numeric	
V1409	BSMNBM01	*NAT. MATH BENCH REACHED WITH 1ST PV*	discrete	numeric	
V1410	BSMNBM02	*NAT. MATH BENCH REACHED WITH 2ND PV*	discrete	numeric	
V1411	BSMNBM03	*NAT. MATH BENCH REACHED WITH 3RD PV*	discrete	numeric	
V1412	BSMNBM04	*NAT. MATH BENCH REACHED WITH 4TH PV*	discrete	numeric	
V1413	BSMNBM05	*NAT. MATH BENCH REACHED WITH 5TH PV*	discrete	numeric	
V1414	BSSIBM01	*INTERN. SCI BENCH REACHED WITH 1ST PV*	discrete	numeric	
V1415	BSSIBM02	*INTERN. SCI BENCH REACHED WITH 2ND PV*	discrete	numeric	
V1416	BSSIBM03	*INTERN. SCI BENCH REACHED WITH 3RD PV*	discrete	numeric	
V1417	BSSIBM04	*INTERN. SCI BENCH REACHED WITH 4TH PV*	discrete	numeric	
V1418	BSSIBM05	*INTERN. SCI BENCH REACHED WITH 5TH PV*	discrete	numeric	
V1419	BSSNBM01	*NAT. SCI BENCH REACHED WITH 1ST PV*	discrete	numeric	
V1420	BSSNBM02	*NAT. SCI BENCH REACHED WITH 2ND PV*	discrete	numeric	
V1421	BSSNBM03	*NAT. SCI BENCH REACHED WITH 3RD PV*	discrete	numeric	
V1422	BSSNBM04	*NAT. SCI BENCH REACHED WITH 4TH PV*	discrete	numeric	
V1423	BSSNBM05	*NAT. SCI BENCH REACHED WITH 5TH PV*	discrete	numeric	
V1424	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	discrete	numeric	

# TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

## Content

Cases 188846

Variable(s) 848

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V1425	VERSION	*FILE VERSION*	discrete	numeric	
V1426	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V1427	IDPOP	*POPULATION ID*	discrete	numeric	
V1428	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V1429	IDCLASS	*CLASS ID*	contin	numeric	
V1430	IDSTUD	*STUDENT ID*	contin	numeric	
V1431	IDGRADE	*GRADE*	discrete	numeric	
V1432	IDBOOK	*BOOKLET ID*	discrete	numeric	
V1433	IDGRADER	*STANDARDIZED GRADE ID*	discrete	numeric	
V1434	IDSCORR	*CODER*	contin	numeric	
V1435	IDSCORA	*2ND CODER*	contin	numeric	
V1436	ITEXCLUD	*INDICATOR FOR EXCLUDED STUDENTS*	discrete	numeric	
V1437	ITSEX	*STUDENT'S SEX*	discrete	numeric	
V1438	ITPART	*PARTICIPATION STATUS/ACHIEVEMENT SESS.*	discrete	numeric	
V1439	ITBIRTHM	*STUDENT'S DATE OF BIRTH\MONTH*	contin	numeric	
V1440	ITBIRTHY	*STUDENT'S DATE OF BIRTH\YEAR*	contin	numeric	
V1441	ILRELIAB	*RELIABILITY CODING STATUS*	discrete	numeric	
V1442	M012001	HOW MANY MORE SQUARES SHADED (A)	discrete	numeric	
V1443	M012002	WHAT IS THE WEIGHT OF ONE BRICK (C)	discrete	numeric	
V1444	M012003	WHICH COULD BE BOX LENGTH (D)	discrete	numeric	
V1445	M012004	HOW MANY LAPS HAS ALICE RUN (D)	discrete	numeric	
V1446	M012005	WHICH IS FALSE (B)	discrete	numeric	
V1447	M012006	COMPARE JOE'S AND MARY'S SCORE (C)	discrete	numeric	
V1448	S012001	WHICH ORGAN NOT IN ABDOMEN (E)	discrete	numeric	
V1449	S012002	WHICH SPRING HAS MORE ENERGY (B)	discrete	numeric	
V1450	S012003	FANNING MAKE FIRE BURN HOTTER (B)	discrete	numeric	
V1451	S012004	WHY PERSON OUTSIDE CANNOT SEE (A)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1452	S012005	PROBLEM OF OVERGRAZING AND (C)	discrete	numeric	
V1453	S012006	WHAT WILL RIVER LOOK LIKE (C)	discrete	numeric	
V1454	S012007	WHERE IS HOTTEST LAYER OF EARTH (C)	discrete	numeric	
V1455	S012008	CHANGE OF CHEMICAL ENERGY INTO (B)	discrete	numeric	
V1456	S012009	WHICH HAS GREATEST DENSITY (C)	discrete	numeric	
V1457	S012010	CHANGE PULSE AFTER RACE (C)	discrete	numeric	
V1458	S012011	WHICH FEATURE IS LOCATED AT (A)	discrete	numeric	
V1459	S012012	WHAT COLOR SHOULD THEY PAINT (A)	discrete	numeric	
V1460	M012007	WHEN GREATEST INCREASE OF SALES (D)	discrete	numeric	
V1461	M012008	HOW MANY CALORIES IN 30G FOOD (A)	discrete	numeric	
V1462	M012009	WHICH PICTURE SHOWS $2/5 = 4/10$ (A)	discrete	numeric	
V1463	M012010	WHICH IS SMALLEST NUMBER (E)	discrete	numeric	
V1464	M012011	WHICH CUBE BY FOLDING FIGURE (C)	discrete	numeric	
V1465	M012012	WHICH OF EQUATIONS REPRESENTS (A)	discrete	numeric	
V1466	M012013	STACK WITH DIFFERENT VOLUME IS (A)	discrete	numeric	
V1467	M012014	WHICH STATEMENT TRUE (D)	discrete	numeric	
V1468	M012015	WHICH COULD BE TRUE (A)	discrete	numeric	
V1469	M012016	WHEN 2.25 LARGER / SMALLER (B)	discrete	numeric	
V1470	M012017	# MATCHSTICKS FOR 10TH FIGURE (B)	discrete	numeric	
V1471	M012018	WHICH IS WORST ESTIMATE (A)	discrete	numeric	
V1472	S012013	WHICH ABOUT MOUNTAINS TRUE (B)	discrete	numeric	
V1473	S012014	CARRY MESSAGE-EYE TO BRAIN (D)	discrete	numeric	
V1474	S012015	WHICH IS REFLECTION OF CANDLE (B)	discrete	numeric	
V1475	S012016	POWDER OF WHITE/BLACK SPECK (C)	discrete	numeric	
V1476	S012017	WHAT POSSIBLE SERIOUS EFFECT (A)	discrete	numeric	
V1477	S012018	WHICH IS NOT A FOSSIL FUEL (C)	discrete	numeric	
V1478	S012019	DIAGRAM BEST SHOW LIGHT HIT (B)	discrete	numeric	
V1479	S012020	MAGNET AND COFFEE (C)	discrete	numeric	
V1480	S012021	IN WHICH DIRECTION FLOWS RIVER (B)	discrete	numeric	
V1481	S012022	DIAGRAM SHOWS WHICH EVENT (C)	discrete	numeric	
V1482	S012023	SENSORY MESSAGES TO BRAIN BY (C)	discrete	numeric	
V1483	S012024	SEEDS COME FROM WHICH PART (A)	discrete	numeric	
V1484	M012019	MEASURE OF ANGLE BCD IS (C)	discrete	numeric	
V1485	M012020	$7:13 = X:52$ , WHAT IS X (C)	discrete	numeric	
V1486	M012021	WHICH IS SMALLEST FRACTION (A)	discrete	numeric	
V1487	M012022	WHICH EQUATION SHOWS COST OF (A)	discrete	numeric	
V1488	M012023	BEST UNIT TO MEASURE EGG (C)	discrete	numeric	
V1489	M012024	BEST ESTIMATE WHAT NUMBER P (B)	discrete	numeric	
V1490	M012025	AT WHAT TIME DID THEY MEET (D)	discrete	numeric	
V1491	M012026	WHAT'S MEASURE OF ANGLE EGC (D)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1492	M012027	WHAT FRACTION OF HOUR PASSED (B)	discrete	numeric	
V1493	M012028	DIFFERENCE 4-DIGIT NUMBERS (C)	discrete	numeric	
V1494	M012029	WHICH IS RIGHT DESCRIPTION (E)	discrete	numeric	
V1495	M012030	WHAT IS THE LENGTH OF RECTANGLE (B)	discrete	numeric	
V1496	S012025	NUCLEUS MOST ATOMS CONSISTS OF (B)	discrete	numeric	
V1497	S012026	A SON CAN INHERIT TRAITS (C)	discrete	numeric	
V1498	S012027	WHEN WIND BECAME COLDER (D)	discrete	numeric	
V1499	S012028	WHAT CHARACTERISTIC USED (A)	discrete	numeric	
V1500	S012029	WHAT NEW SIDE ON SHADOW (D)	discrete	numeric	
V1501	S012030	MOST CAVES ARE FORMED BY (B)	discrete	numeric	
V1502	S012031	WHAT SHOWS MAMMAL (B)	discrete	numeric	
V1503	S012032	LIGHT-COLOR CLOTHES FEEL COOLER (A)	discrete	numeric	
V1504	S012033	WHERE ARE SENSES INTERPRETATED (A)	discrete	numeric	
V1505	S012034	AREAS SOIL WASHED AWAY (D)	discrete	numeric	
V1506	S012035	WHY OXYGEN EQUIPMENT NECESSARY (A)	discrete	numeric	
V1507	S012036	REASON WHY PAINT PREVENTS RUST (E)	discrete	numeric	
V1508	M012031	WHAT WAS AVERAGE SPEED IN M/SEC (B)	discrete	numeric	
V1509	M012032	WHAT HAPPEN IN FIFTH COIN TOSS (C)	discrete	numeric	
V1510	M012033	WHICH NUMBER BETWEEN 0.07/0.08 (C)	discrete	numeric	
V1511	M012034	MEASURE ACCURATELY - NEAREST (D)	discrete	numeric	
V1512	M012035	WHAT 1/3 OF NUMBER (A)	discrete	numeric	
V1513	M012036	WHAT FRACTION IS SHADED (C)	discrete	numeric	
V1514	M012037	# IN CLASS SCORE < 7 (B)	discrete	numeric	
V1515	M012038	LENGTH OF PIPE (C)	discrete	numeric	
V1516	M012039	WHAT IS THE VALUE OF X + Y (C)	discrete	numeric	
V1517	M012040	IF $12/N = 36/218$ , VALUE OF N (B)	discrete	numeric	
V1518	M012041	HOW MANY BIRTHDAY IN FIRST HALF (D)	discrete	numeric	
V1519	M012042	IF $X = -3$ , VALUE OF $-3X$ IS (E)	discrete	numeric	
V1520	S012037	WHICH WAY BATTERIES BE PLACED (A)	discrete	numeric	
V1521	S012038	MAIN FUNCTION OF RED BLOOD CELLS(B)	discrete	numeric	
V1522	S012039	TRAITS ARE TRANSFERRED FROM (C)	discrete	numeric	
V1523	S012040	WHAT LEFT IF TOOK ALL ATOMS (C)	discrete	numeric	
V1524	S012041	NAME OF ROCK UNDER WATER (C)	discrete	numeric	
V1525	S012042	WHICH - NONRENEWABLE RESOURCE (D)	discrete	numeric	
V1526	S012043	WHICH NOT A FUNCTION OF BLOOD (A)	discrete	numeric	
V1527	S012044	WHAT ARE VITAMINS (D)	discrete	numeric	
V1528	S012045	WHAT'S THE BEST EXPLANATION (A)	discrete	numeric	
V1529	S012046	LAYER CONTAIN MOST ORGANIC (A)	discrete	numeric	
V1530	S012047	WHERE CAME ENERGY IN FOOD FROM (B)	discrete	numeric	
V1531	S012048	REACTION OF BURNING WOOD WILL (A)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1532	M012043	HOW MANY PUPILS TRAVEL >10 MIN (C)	discrete	numeric	
V1533	M012044	WHICH SHOWS 2/3 SHADE OF SQUARE (E)	discrete	numeric	
V1534	M012045	WHICH SUM CLOSEST TO 691+208 (B)	discrete	numeric	
V1535	M012046	EQUATION EXPRESS RELATIONSHIP (D)	discrete	numeric	
V1536	M012047	HOW MANY DEFECTIVE BULBS (C)	discrete	numeric	
V1537	M012048	WHICH REPRESENTS TOTAL NUMBER (B)	discrete	numeric	
V1538	M022002	THREE CONSECUTIVE EVEN NR ADDING TO (A)	discrete	numeric	
V1539	M022004	4/5 OF BOOKS MORE THAN 2/5 (C)	discrete	numeric	
V1540	M022005	250 ML BOTTLES FILLED W. 400 LITERS (C)	discrete	numeric	
V1541	M022008	NR IN SEQUENCE INCREASING BY 4 (X)	discrete	numeric	
V1542	M022010	HOW MUCH LONG. FOR BETTY TO RUN RACE (A)	discrete	numeric	
V1543	M022012	FRACTION LESS THAN 4/9 (X)	discrete	numeric	
V1544	M022021	AREA OF PAVED WALKWAY AROUND POOL (C)	discrete	numeric	
V1545	M022016	POINT ON A LINE DEFINED BY TWO P. (D)	discrete	numeric	
V1546	M022252	MOST LIKELY SECTOR ON SPINNER (B)	discrete	numeric	
V1547	S022183	GAS NEEDED FOR RUSTING (B)	discrete	numeric	
V1548	S022276	BUBBLING AT ELECTR. - OBSERVATION (A)	discrete	numeric	
V1549	S022115	OXYGEN/CARBON DIOXIDE CYCLE (D)	discrete	numeric	
V1550	S022022	CURRENT/VOLTAGE TABLE (X)	discrete	numeric	
V1551	S022019	TRANSMISSION OF SOUND ON THE MOON (C)	discrete	numeric	
V1552	S022002	HEAT CONDUCT. EXPERIMENT - MELTING (C)	discrete	numeric	
V1553	S022294	DIAGRAMM EARTHS WATER CYCLE (B)	discrete	numeric	
V1554	S022106	ANIMAL ON EARTH LONGEST TIME (C)	discrete	numeric	
V1555	S022244	FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X)	discrete	numeric	
V1556	S022150	LEVELS OF ORGANIZ. IN LIVING THINGS (A)	discrete	numeric	
V1557	S022042	GRAPH INTERPRETATION - BICYCLE FLAT (B)	discrete	numeric	
V1558	S022073	MOVEM.OF EARTH'S PLATES OVER BILLIONS(C)	discrete	numeric	
V1559	S022099	FEATURES SHARED BY ALL INSECTS (A)	discrete	numeric	
V1560	S022174	COMPOUNDS, MOLECULES AND ATOMS (X)	discrete	numeric	
V1561	S022009	EVAPORATION RATE - SURFACE AREA (C)	discrete	numeric	
V1562	S022012	GRAVITY ACTING ON ROCKET (D)	discrete	numeric	
V1563	S022082	EARTH'S SEASONS (C)	discrete	numeric	
V1564	S022094	REASON FOR PROTEIN IN DIET (C)	discrete	numeric	
V1565	S022278	SUNSCREEN TO PROTECT AGAINST RADIATON (D)	discrete	numeric	
V1566	S022081	LIFE ON OTHER PLANETS (X)	discrete	numeric	
V1567	M022022	AREA OF PATH AROUND GARDEN (B)	discrete	numeric	
V1568	M022246	NOT TRUE FOR ALL RECTANGLES (E)	discrete	numeric	
V1569	M022026	DIVISION OF FRACTIONS (X)	discrete	numeric	
V1570	M022030	INTERPRET. OF PICTOGRAPH OF HOUSES (X)	discrete	numeric	
V1571	M022031	DIVISION OF DECIMALS (E)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1572	M022033	TWO SIMILAR TRIANGLES (C)	discrete	numeric	
V1573	M022037	POINT ON GRAPH FROM COORDINATES (D)	discrete	numeric	
V1574	M022041	MISSING NUMBER IN TABLE (A)	discrete	numeric	
V1575	M022038	DISTANCE BETWEEN TOWNS FROM MAP (D)	discrete	numeric	
V1576	M022043	CIRCLE WITH SAME SHADED FRACTION (D)	discrete	numeric	
V1577	M022046	TOTAL KILOGRAMS OF SEED FROM MIXTURE (X)	discrete	numeric	
V1578	M022049	ROTATED 3-DIMENSIONAL OBJECT (D)	discrete	numeric	
V1579	M022050	INEQUALITY EQUIVALENT TO $X/3 > 8$ (E)	discrete	numeric	
V1580	M022055	PERIMETER OF SQUARE FROM AREA (X)	discrete	numeric	
V1581	M022057	APPROXIMATE TONS OF FERTILIZER SOLD (C)	discrete	numeric	
V1582	M022257	HOW MANY BLUE BADS ARE IN THE BOWL (C)	discrete	numeric	
V1583	M022062	VALUE OF ANGLE IN CONGRUENT TRIANG. (B)	discrete	numeric	
V1584	M022066	ADDITION OF THREE FRACTIONS (D)	discrete	numeric	
V1585	S022035	POLES ON CUT MAGNET (X)	discrete	numeric	
V1586	S022225	THERMOM.SCALE FOR MEASURING BOILING (D)	discrete	numeric	
V1587	S022117	INSECTS - BIOLOGICAL CONTROL (B)	discrete	numeric	
V1588	S022235	PLANT GROWTH EXPERI.- NEED FOR SAND (E)	discrete	numeric	
V1589	S022188	REACT.RELEASING ENERGY - BURNING/EXP (C)	discrete	numeric	
V1590	S022074	FOSSIL FUELS (B)	discrete	numeric	
V1591	S022240	MAIN CAUSE OF ACID RAIN (C)	discrete	numeric	
V1592	S022206	BURNING WOOD TO FORM COMPOUND (B)	discrete	numeric	
V1593	S022160	ADVANTAGE OF HAVING TWO EARS (X)	discrete	numeric	
V1594	S022058	ANGLE OF BEAM REFLECTED FROM MIRROR (B)	discrete	numeric	
V1595	S022014	ROTATING FORCES ON WHEEL (D)	discrete	numeric	
V1596	S022131	LARGE LEAVES ON SEEDLINGS - NEED FOR (D)	discrete	numeric	
V1597	S022132	FEATURES OF PREY (A)	discrete	numeric	
V1598	S022017	EFFICIENCY OF MACHINES PUMPING WATER (X)	discrete	numeric	
V1599	S022295	WHEN MALE WOLVES THEIR PLACE (C)	discrete	numeric	
V1600	S022194	FILTRATION OF MIXTURES (B)	discrete	numeric	
V1601	S022118	EFFECTIVENESS OF INSECTICIDES (B)	discrete	numeric	
V1602	S022140	COMPLETE FOOD WEB (X)	discrete	numeric	
V1603	M022070	LENGTH OF BUILDING COMPARED TO CAR (B)	discrete	numeric	
V1604	M022073	WHICH NR IS TWO HUNDRED SIX AND NINE (B)	discrete	numeric	
V1605	M022258	GRAPH OF HUMIDITY IN ROOM (C)	discrete	numeric	
V1606	M022078	DISTANCE TRAVELED BY ELEVATOR (C)	discrete	numeric	
V1607	M022079	MOST PACES TO WALK TO END OF HALLWAY (D)	discrete	numeric	
V1608	M022042	CORRECT EQUATION BASED ON RELATION IN(E)	discrete	numeric	
V1609	M022083	VALUES IN PROPORTIONALITY TABLE (E)	discrete	numeric	
V1610	M022085	MEASURE OF FOURTH ANGLE IN QUADRILAT.(A)	discrete	numeric	
V1611	M022089	FIND VALUE OF X IN MATHEMAT. EQUATIO (X)	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1612	M022093	SUBTRACTION WITH THREE FRACTIONS (B)	discrete	numeric	
V1613	M022097	VOLTAGE SHOWN ON METER (C)	discrete	numeric	
V1614	M022259	LINES OF SYMMETRY IN RHOMBUS (B)	discrete	numeric	
V1615	M022101	WHICH BOX GIVES GREAT.CHANCE OF PICK.(A)	discrete	numeric	
V1616	M022104	WHICH FRACTION IS SMALLEST (D)	discrete	numeric	
V1617	M022105	ROTAT.OF TRIANGLE ABOUT A POINT IN A (D)	discrete	numeric	
V1618	M022106	RATIO OF CHILDREN TO ADULTS ON BUS (X)	discrete	numeric	
V1619	M022108	DEGREE MEASURE OF ANGLE PRS BASED ON (C)	discrete	numeric	
V1620	M022110	MULTIPLY TWO DECIMALS (X)	discrete	numeric	
V1621	M022181	WHICH GRAPH SHOWS INFORMAT.IN TABLE (B)	discrete	numeric	
V1622	S022187	NOT A MIXTURE (B)	discrete	numeric	
V1623	S022161	HOW GLASSES/C.LENSES IMPROVE VISI (X)	discrete	numeric	
V1624	S022222	CONTROL.EXPERIMENT - CART AT DIFFEREN(E)	discrete	numeric	
V1625	S022191	CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X)	discrete	numeric	
V1626	S022279	BRUSH REFLECTED IN MIRROR - ANGLED (X)	discrete	numeric	
V1627	S022040	PATH OF BALL RELEAS.FROM CIRCULAR ORB(A)	discrete	numeric	
V1628	S022007	COMPLETE CIRCUITS - ELECTRICAL COND. (C)	discrete	numeric	
V1629	S022141	FOOD WEB - EFFECT OF CROP FAILURE (X)	discrete	numeric	
V1630	S022123	BACTERIA TO CONVERT MILK TO YOGURT (A)	discrete	numeric	
V1631	S022238	EVAPORAT.OF VINEGAR/OIL - CONCLUSION (C)	discrete	numeric	
V1632	S022145	BONE-MEAL FOR PLANT GROWTH (B)	discrete	numeric	
V1633	S022293	DEFINITION OF TISSUE (A)	discrete	numeric	
V1634	S022178	EXAMPLE OF CHEMICAL CHANGE (C)	discrete	numeric	
V1635	S022137	MAMMAL/LIZARDS LIVING IN COLD REGIONS(D)	discrete	numeric	
V1636	S022030	MAN BALANCING 10 ML AND 5 ML BUCKETS (D)	discrete	numeric	
V1637	S022049	FLASHL. WITH WHITE/BLACK REFLECTORS (X)	discrete	numeric	
V1638	M022113	NUMBER OF CARS FROM ROUNDED VALUE (C)	discrete	numeric	
V1639	M022116	POSITION OF POINT ON NUMBER LINE (A)	discrete	numeric	
V1640	M022118	FIND VALUE OF EXPRESS.BY SUBSTITUTING(X)	discrete	numeric	
V1641	M022121	LIST OF EQUIVALENT FRACTIONS (B)	discrete	numeric	
V1642	M022124	ANGLES CLOSEST TO 45 DEGREES (D)	discrete	numeric	
V1643	M022126	NR OF MARBLES IN BAG BEFORE REMOVING (B)	discrete	numeric	
V1644	M022128	AMOUNT OF PAINT LEFT (B)	discrete	numeric	
V1645	M022249	PROBABIL.OF DRAWING A CHIP WITH MULT (C)	discrete	numeric	
V1646	M022132	SHADE IN 3/8 OF SQUARES IN GRID (X)	discrete	numeric	
V1647	M022135	MINUTES FOR WATER TO COOL 20 DEGREES (A)	discrete	numeric	
V1648	M022139	PERCENT DECREASE IN TRAVEL TIME (C)	discrete	numeric	
V1649	M022142	SUM OF ANGLES EQUAL TO 180 DEGREES (B)	discrete	numeric	
V1650	M022144	DECIMAL ROUNDED TO NEAREST HUNDREDTH (D)	discrete	numeric	
V1651	M022146	NUMBER OF STUDENTS LESS THAN 13 FROM (E)	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1652	M022148	TIME WHEN FINISH HOMEWORK (X)	discrete	numeric	
V1653	M022253	SOLVE EQUATION FOR X (X)	discrete	numeric	
V1654	M022154	POINT AT CENTER OF ROTAT.OF RECTANGL (C)	discrete	numeric	
V1655	M022156	SCOOPS OF FLOUR NEEDED TO FILL BAG (X)	discrete	numeric	
V1656	S022086	HOLE IN OZONE LAYER (X)	discrete	numeric	
V1657	S022198	WHICH IS CHEMICAL CHANGE - ELEMENTS (C)	discrete	numeric	
V1658	S022275	ABUNDANCE OF GASES IN ATMOSPHERE (A)	discrete	numeric	
V1659	S022041	EXTRAPOLAT.FROM DISTANCE/TIME GRAPH (D)	discrete	numeric	
V1660	S022283	APPEARANCE OF JUPITER AND MOON (X)	discrete	numeric	
V1661	S022202	NEUTRAL ATOM GAINS ELECTRON (B)	discrete	numeric	
V1662	S022152	PROCESS TO PREVENT BODY FROM OVERHEA.(X)	discrete	numeric	
V1663	S022154	TRANSMISSION OF COLD - CLASSROOM (X)	discrete	numeric	
V1664	S022280	DETERMINATION OF SPEED FROM GRAPH (D)	discrete	numeric	
V1665	S022043	FLASHL. - AMOUNT OF LIGHT ON WALL AN (X)	discrete	numeric	
V1666	S022258	TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X)	discrete	numeric	
V1667	S022157	HIBERNATING ANIMALS (D)	discrete	numeric	
V1668	S022277A	REASONS FOR FAMINE (X)	discrete	numeric	
V1669	S022277B	REASONS FOR FAMINE (X)	discrete	numeric	
V1670	S022277D	TWO REASONS FOR FAMINE	discrete	numeric	
V1671	S022158	DIGESTION IN STOMACH (X)	discrete	numeric	
V1672	S022245	REPLICAT./RELIABILITY OF MEASUREMENTS(C)	discrete	numeric	
V1673	M022159	RATIO OF WIDTH PERIMETER IN RECTANGLE(D)	discrete	numeric	
V1674	M022176	EXPRESSION EQUIVALENT TO $N \times N \times N$ (D)	discrete	numeric	
V1675	M022160	LENGTH OF SIDE FROM SIMILAR TRIANGLE (B)	discrete	numeric	
V1676	M022165	EXPRESSION EQUIVALENT TO $K+K+K+K+K$ (B)	discrete	numeric	
V1677	M022168	LENGTH OF STRING PULLED STRAIGHT (C)	discrete	numeric	
V1678	M022169	ESTIMATE OF TOTAL CARS IN PARK. LOT (C)	discrete	numeric	
V1679	M022172	ESTIMATE OF DISTANCE FROM EXPLOSION (B)	discrete	numeric	
V1680	M022173	FRACT.OF CHERRIES REMAINING IN BASKE (A)	discrete	numeric	
V1681	M022260	DAY/TIME IN TABLE AT SHOWN TEMPER. (A)	discrete	numeric	
V1682	M022178	WRITE DECIMAL AS FRACT. REDUCED TO LO(X)	discrete	numeric	
V1683	M022251	TOTAL NUMBER OF CDS THREE GIRLS HAVE (C)	discrete	numeric	
V1684	M022185	SUBTRACT FRACTIONS INVOLVING X (E)	discrete	numeric	
V1685	M022188	WHICH IS LEAST AMOUNT OF TIME (B)	discrete	numeric	
V1686	M022189	HOW MANY PENCILS SOLD FROM BAR GRAPH (C)	discrete	numeric	
V1687	M022191	TRUE STATEMENT ABOUT MEN AND WOMEN (A)	discrete	numeric	
V1688	M022194	APPROXIMATELY HOW MANY MAGAZINES SOLD(D)	discrete	numeric	
V1689	M022196	TRUE EXPRESS.BASED ON VALUES OF L,K, (A)	discrete	numeric	
V1690	M022198	LIST OF DECIMALS ORDER.FROM GREATEST (D)	discrete	numeric	
V1691	M022199	ADDITION AND MULTIPLICAT.WITH FRACTI (E)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1692	M022202	FIND MEASURE OF ANGLE FROM SERIES ADJ(X)	discrete	numeric	
V1693	S022290	EARTH YEAR (D)	discrete	numeric	
V1694	S022292	FLUID LEVEL IN U-TUBE (X)	discrete	numeric	
V1695	S022054	EXPANSION OF ALCOHOL IN THERMOMETERS (D)	discrete	numeric	
V1696	S022181	SUGAR DISSOLVING IN WATER (B)	discrete	numeric	
V1697	S022208	NOT A CHEMICAL CHANGE (A)	discrete	numeric	
V1698	S022078	LIGHT FROM SUN AND MOON (X)	discrete	numeric	
V1699	S022126	FUNCTION OF CHLOROPHYLL (A)	discrete	numeric	
V1700	S022281	MASS OF FREEZING WATER (X)	discrete	numeric	
V1701	S022264	BACTERIA/MOLD EXPERIMENT - HYPOTHESIS(B)	discrete	numeric	
V1702	S022064	RED DRESS IN GREEN LIGHT - WHY BLACK (C)	discrete	numeric	
V1703	S022165A	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V1704	S022165B	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V1705	S022165D	TWO OUTCOMES OF INTRODUCING NEW SPECIES	discrete	numeric	
V1706	S022284	ATMOSPHERIC CONDITIONS - CONTROLLJE (X)	discrete	numeric	
V1707	S022213	SMALL PIECES OF WOOD BURN FASTER (X)	discrete	numeric	
V1708	S022254	RESULT OF GLOBAL WARMING (A)	discrete	numeric	
V1709	M022204	SUBTRACT.OF DECIMALS TO THOUSANDTHS (A)	discrete	numeric	
V1710	M022206	AVERAGE WEIGHT OF SALT CRYSTALS (B)	discrete	numeric	
V1711	M022208	TIME PENDULUM TO SWING 20 TIMES BASE (B)	discrete	numeric	
V1712	M022210	TRUE EXPRESS.WHEN A,B,C ARE DIFFEREN (D)	discrete	numeric	
V1713	M022213	HOW MANY RIGHT TRIANG.TO COVER RECTAN(C)	discrete	numeric	
V1714	M022166	OPERATION ON NEGATIVE NR TO PRODUCE (A)	discrete	numeric	
V1715	M022245	SUBTRACTION OF TWO 4-DIGIT WHOLE NRS (B)	discrete	numeric	
V1716	M022219	HOW MUCH MONEY LEFT IF SPENT 5/8 (X)	discrete	numeric	
V1717	M022222	MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X)	discrete	numeric	
V1718	M022261A	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V1719	M022261B	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V1720	M022261C	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V1721	M022227A	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V1722	M022227B	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V1723	M022227C	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V1724	M022127	FUEL REMAINING IN TANK AT END OF TRIP(A)	discrete	numeric	
V1725	M022228	NR OF CLUB MEMBERS THAT ARE BOYS (X)	discrete	numeric	
V1726	M022231A	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V1727	M022231B	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V1728	M022244	AREA SHADED RECTANGLE INS. PARALLEL (X)	discrete	numeric	
V1729	M022207	HEIGHT STACK OF PAPER FROM SHEET (C)	discrete	numeric	
V1730	M022232	ESTIMATE TIME FOR WATER TO COOL FROM (X)	discrete	numeric	
V1731	M022234A	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1732	M022234B	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V1733	M022243	AREA SHADED TRIANGLE INSIDE A SQUARE (X)	discrete	numeric	
V1734	M022237	TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X)	discrete	numeric	
V1735	M022256	CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X)	discrete	numeric	
V1736	M022241	RATIO OF NITRATE TO TOTAL FERTILIZER (D)	discrete	numeric	
V1737	M022262A	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V1738	M022262B	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V1739	M022262C	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V1740	S022088A	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V1741	S022088B	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V1742	S022249A	WATER SUPPLY (X)	discrete	numeric	
V1743	S022249B	WATER SUPPLY (X)	discrete	numeric	
V1744	S022249D	TWO REASONS FOR WATER SHORTAGE	discrete	numeric	
V1745	S022286	DATA TREND DESCR.- MASSES ON SPRIN (X)	discrete	numeric	
V1746	S022282	ENERGY CONVERSION - ELECTRICAL/LIGHT (X)	discrete	numeric	
V1747	S022172A	ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V1748	S022172B	ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V1749	S022288	HEART RATE EXPERIMENT DESIGN (X)	discrete	numeric	
V1750	S022289	EXPLAN. OF PULSE RATE INCREASING WIT (X)	discrete	numeric	
V1751	S022069	TEMPERATURE OF BOILING WATER (X)	discrete	numeric	
V1752	S022268	FREEZING SALT WATER EXPERIMENT (X)	discrete	numeric	
V1753	S022217A	GALVANIZATION OF STEEL (X)	discrete	numeric	
V1754	S022217B	GALVANIZATION OF STEEL (X)	discrete	numeric	
V1755	S022217C	GALVANIZATION OF STEEL (X)	discrete	numeric	
V1756	S022217D	GALVANIZATION OF STEEL	discrete	numeric	
V1757	S022090	DIAGRAM OF RAIN FROM SEA FALL ON LAND(X)	discrete	numeric	
V1758	S022048	HEAT EXPANS.OF BALLOONS - VAPOR PRES (X)	discrete	numeric	
V1759	TOTWGT	*TOTAL STUDENT WEIGHT*	contin	numeric	
V1760	HOUWGT	*HOUSE WEIGHT*	contin	numeric	
V1761	SENWGT	*SENATE WEIGHT*	contin	numeric	
V1762	JKZONE	*JACKKNIFE ZONE*	contin	numeric	
V1763	JKREP	*JACKKNIFE REPLICATE CODE*	discrete	numeric	
V1764	BSMSTDR	*STANDARDIZED MATH RAW SCORE (50,10)*	contin	numeric	
V1765	BSMNRSC	*NATIONAL MATH RASCH SCORE (150,10)*	contin	numeric	
V1766	BSMSCPT	*RAW SCORE ON MATH ITEMS*	contin	numeric	
V1767	BSSSTDR	*STANDARDIZED SCIENCE RAW SCORE (50,10)*	contin	numeric	
V1768	BSSNRSC	*NATIONAL SCIENCE RASCH SCORE (150,10)*	contin	numeric	
V1769	BSSSCPT	*RAW SCORE ON SCIENCE ITEM*	contin	numeric	
V1770	INTMS99	*IN 1999 ASSESSMENT POPULATION*	discrete	numeric	
V1771	INTMS95	*IN 1995 ASSESSMENT POPULATION*	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1772	BSMMAT01	*1ST PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1773	BSMMAT02	*2ND PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1774	BSMMAT03	*3RD PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1775	BSMMAT04	*4TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1776	BSMMAT05	*5TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V1777	BSSSCI01	*1ST PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1778	BSSSCI02	*2ND PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1779	BSSSCI03	*3RD PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1780	BSSSCI04	*4TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1781	BSSSCI05	*5TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V1782	BSMALG01	*1ST PV ALGEBRA*	contin	numeric	
V1783	BSMALG02	*2ND PV ALGEBRA*	contin	numeric	
V1784	BSMALG03	*3RD PV ALGEBRA*	contin	numeric	
V1785	BSMALG04	*4TH PV ALGEBRA*	contin	numeric	
V1786	BSMALG05	*5TH PV ALGEBRA*	contin	numeric	
V1787	BSMDAP01	*1ST PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1788	BSMDAP02	*2ND PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1789	BSMDAP03	*3RD PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1790	BSMDAP04	*4TH PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1791	BSMDAP05	*5TH PV DATA REPR.,ANALYSIS,PROBABILITY*	contin	numeric	
V1792	BSMFNS01	*1ST PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1793	BSMFNS02	*2ND PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1794	BSMFNS03	*3RD PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1795	BSMFNS04	*4TH PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1796	BSMFNS05	*5TH PV FRACTIONS + NUMBER SENSE*	contin	numeric	
V1797	BSMGEO01	*1ST PV GEOMETRY*	contin	numeric	
V1798	BSMGEO02	*2ND PV GEOMETRY*	contin	numeric	
V1799	BSMGEO03	*3RD PV GEOMETRY*	contin	numeric	
V1800	BSMGEO04	*4TH PV GEOMETRY*	contin	numeric	
V1801	BSMGEO05	*5TH PV GEOMETRY*	contin	numeric	
V1802	BSMMEA01	*1ST PV MEASUREMENT*	contin	numeric	
V1803	BSMMEA02	*2ND PV MEASUREMENT*	contin	numeric	
V1804	BSMMEA03	*3RD PV MEASUREMENT*	contin	numeric	
V1805	BSMMEA04	*4TH PV MEASUREMENT*	contin	numeric	
V1806	BSMMEA05	*5TH PV MEASUREMENT*	contin	numeric	
V1807	BSSCHE01	*1ST PV CHEMISTRY*	contin	numeric	
V1808	BSSCHE02	*2ND PV CHEMISTRY*	contin	numeric	
V1809	BSSCHE03	*3RD PV CHEMISTRY*	contin	numeric	
V1810	BSSCHE04	*4TH PV CHEMISTRY*	contin	numeric	
V1811	BSSCHE05	*5TH PV CHEMISTRY*	contin	numeric	

ID	Name	Label	Type	Format	Question
V1812	BSSEAS01	*1ST PV EARTH SCIENCE*	contin	numeric	
V1813	BSSEAS02	*2ND PV EARTH SCIENCE*	contin	numeric	
V1814	BSSEAS03	*3RD PV EARTH SCIENCE*	contin	numeric	
V1815	BSSEAS04	*4TH PV EARTH SCIENCE*	contin	numeric	
V1816	BSSEAS05	*5TH PV EARTH SCIENCE*	contin	numeric	
V1817	BSSLIS01	*1ST PV LIFE SCIENCE*	contin	numeric	
V1818	BSSLIS02	*2ND PV LIFE SCIENCE*	contin	numeric	
V1819	BSSLIS03	*3RD PV LIFE SCIENCE*	contin	numeric	
V1820	BSSLIS04	*4TH PV LIFE SCIENCE*	contin	numeric	
V1821	BSSLIS05	*5TH PV LIFE SCIENCE*	contin	numeric	
V1822	BSSPHY01	*1ST PV PHYSICS*	contin	numeric	
V1823	BSSPHY02	*2ND PV PHYSICS*	contin	numeric	
V1824	BSSPHY03	*3RD PV PHYSICS*	contin	numeric	
V1825	BSSPHY04	*4TH PV PHYSICS*	contin	numeric	
V1826	BSSPHY05	*5TH PV PHYSICS*	contin	numeric	
V1827	BSSERI01	*1ST PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1828	BSSERI02	*2ND PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1829	BSSERI03	*3RD PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1830	BSSERI04	*4TH PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1831	BSSERI05	*5TH PV ENVIRONM.ISS. + RESOURCE ISS.*	contin	numeric	
V1832	BSSNOS01	*1ST PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1833	BSSNOS02	*2ND PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1834	BSSNOS03	*3RD PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1835	BSSNOS04	*4TH PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1836	BSSNOS05	*5TH PV SCIENT. INQUIRY + NAT. OF SCI*	contin	numeric	
V1837	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	contin	numeric	
V1838	IDBSET	*BOOKLET SET (CODING)*	discrete	numeric	
V1839	ITBOOK	*ACHIEVEMENT TEST BOOKLET*	discrete	numeric	
V1840	ITLANG	*LANGUAGE OF TESTING*	discrete	numeric	
V1841	ITADMINI	*TEST ADMINISTRATORS POSITION*	discrete	numeric	
V1842	ITDATEM	*DATE OF TESTING/MONTH*	contin	numeric	
V1843	ITDATEY	*DATE OF TESTING/YEAR*	contin	numeric	
V1844	BSBGBIRD	GEN\DATE OF BIRTH\DAY	contin	numeric	
V1845	BSBGBIRM	GEN\DATE OF BIRTH\MONTH	contin	numeric	
V1846	BSBGBIRY	GEN\DATE OF BIRTH\YEAR	contin	numeric	
V1847	BSDAGE	D:STUDENTS AGE	contin	numeric	
V1848	BSBGSEX	GEN\STUDENT'S SEX	discrete	numeric	
V1849	BSBGBRN1	GEN\BORN IN COUNTRY	discrete	numeric	
V1850	BSBGBRN2	GEN\BORN IN COUNTRY\AGE	contin	numeric	
V1851	BSBGLANG	GEN\SPEAK LANGUAGE OF TEST AT HOME	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1852	BSBMEXTR	MAT\OUTSIDE SCHL\EXTRA LESSONS	discrete	numeric	
V1853	BSBSEXTR	SCI\OUTSIDE SCHL\EXTRA LESSONS	discrete	numeric	
V1854	BSBGCLUB	GEN\OUTSIDE SCHL\CLUBS PARTICIPATION	discrete	numeric	
V1855	BSBGPAID	GEN\OUTSIDE SCHL\WORK AT PAID JOB	discrete	numeric	
V1856	BSBGDAY1	GEN\OUTSIDE SCHL\WATCH TV OR VIDEOS	discrete	numeric	
V1857	BSBGDAY2	GEN\OUTSIDE SCHL\PLAY COMPUTER GAMES	discrete	numeric	
V1858	BSBGDAY3	GEN\OUTSIDE SCHL\PLAY WITH FRIENDS	discrete	numeric	
V1859	BSBGDAY4	GEN\OUTSIDE SCHL\DOING JOBS AT HOME	discrete	numeric	
V1860	BSBGDAY5	GEN\OUTSIDE SCHL\PLAYING SPORTS	discrete	numeric	
V1861	BSBGDAY6	GEN\OUTSIDE SCHL\READING A BOOK	discrete	numeric	
V1862	BSBMDAY7	MAT\OUTSIDE SCHL\STUDYING MATH	discrete	numeric	
V1863	BSBSDAY8	SCI\OUTSIDE SCHL\STUDYING SCIENCE	discrete	numeric	
V1864	BSBGDAY9	GEN\OUTSIDE SCHL\STUDYING OTHER SUBJ	discrete	numeric	
V1865	BSBGEDMO	GEN\HIGHEST EDUC LEVEL\MOTHER	discrete	numeric	
V1866	BSBGEDFA	GEN\HIGHEST EDUC LEVEL\FATHER	discrete	numeric	
V1867	BSBGEDSE	GEN\HIGHEST EDUC LEVEL\SELF	discrete	numeric	
V1868	BSBGBRNM	GEN\BORN IN COUNTRY\MOTHER	discrete	numeric	
V1869	BSBGBRNF	GEN\BORN IN COUNTRY\FATHER	discrete	numeric	
V1870	BSBGBOOK	GEN\# OF BOOKS IN STUDENT'S HOME	discrete	numeric	
V1871	BSBGPS01	GEN\HOME POSSESS\CALCULATOR	discrete	numeric	
V1872	BSBGPS02	GEN\HOME POSSESS\COMPUTER	discrete	numeric	
V1873	BSBGPS03	GEN\HOME POSSESS\STUDY DESK	discrete	numeric	
V1874	BSBGPS04	GEN\HOME POSSESS\DICTIONARY	discrete	numeric	
V1875	BSBGPS05	GEN\HOME POSSESS\	discrete	numeric	
V1876	BSBGPS06	GEN\HOME POSSESS\	discrete	numeric	
V1877	BSBGPS07	GEN\HOME POSSESS\	discrete	numeric	
V1878	BSBGPS08	GEN\HOME POSSESS\	discrete	numeric	
V1879	BSBGPS09	GEN\HOME POSSESS\	discrete	numeric	
V1880	BSBGPS10	GEN\HOME POSSESS\	discrete	numeric	
V1881	BSBGPS11	GEN\HOME POSSESS\	discrete	numeric	
V1882	BSBGPS12	GEN\HOME POSSESS\	discrete	numeric	
V1883	BSBGPS13	GEN\HOME POSSESS\	discrete	numeric	
V1884	BSBGPS14	GEN\HOME POSSESS\	discrete	numeric	
V1885	BSBGPS15	GEN\HOME POSSESS\	discrete	numeric	
V1886	BSBGPS16	GEN\HOME POSSESS\	discrete	numeric	
V1887	BSBSMIP1	SCI\MOTHER IMPT\DO WELL IN SCIENCE	discrete	numeric	
V1888	BSBMMIP2	MAT\MOTHER IMPT\DO WELL IN MATH	discrete	numeric	
V1889	BSBGMIP3	GEN\MOTHER IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V1890	BSBGMIP5	GEN\MOTHER IMPT\HAVE TIME FOR FUN	discrete	numeric	
V1891	BSBGMIP4	GEN\MOTHER IMPT\GOOD IN SPORTS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1892	BSBMCLS1	MAT\STUDENTS NEGLECT SCHOOL WORK	discrete	numeric	
V1893	BSBMCLS2	MAT\STUDENTS ORDERLY AND QUITE	discrete	numeric	
V1894	BSBMCLS3	MAT\STUDENTS DO EXACTLY AS TOLD	discrete	numeric	
V1895	BSBSFIP1	SCI\FRIENDS IMPT\DO WELL IN SCIENCE	discrete	numeric	
V1896	BSBMFIP2	MAT\FRIENDS IMPT\DO WELL IN MATH	discrete	numeric	
V1897	BSBGFIP3	GEN\FRIENDS IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V1898	BSBGFIP4	GEN\FRIENDS IMPT\HAVE TIME FOR FUN	discrete	numeric	
V1899	BSBGFIP5	GEN\FRIENDS IMPT\GOOD IN SPORTS	discrete	numeric	
V1900	BSBSSIP1	SCI\SELF IMPT\DO WELL IN SCIENCE	discrete	numeric	
V1901	BSBMSIP2	MAT\SELF IMPT\DO WELL IN MATH	discrete	numeric	
V1902	BSBGSIP3	GEN\SELF IMPT\DO WELL IN LANGUAGE	discrete	numeric	
V1903	BSBGSIP4	GEN\SELF IMPT\HAVE TIME FOR FUN	discrete	numeric	
V1904	BSBGSIP5	GEN\SELF IMPT\GOOD IN SPORTS	discrete	numeric	
V1905	BSBMGOOD	MAT\USUALLY DO WELL IN MATH	discrete	numeric	
V1906	BSBBGOOD	BIO\USUALLY DO WELL IN BIOLOGY	discrete	numeric	
V1907	BSBEGOOD	EAR\USUALLY DO WELL IN EARTH SCI	discrete	numeric	
V1908	BSBCGOOD	CHEM\USUALLY DO WELL IN CHEMISTRY	discrete	numeric	
V1909	BSBPGOOD	PHY\USUALLY DO WELL IN PHYSICS	discrete	numeric	
V1910	BSBMMYT1	MAT\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1911	BSBMMYT2	MAT\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V1912	BSBMMYT3	MAT\I AM JUST NOT TALENTED	discrete	numeric	
V1913	BSBMMYT4	MAT\I WILL NEVER REALLY UNDERSTAND IT	discrete	numeric	
V1914	BSBMMYT5	MAT\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1915	BSBMDOW1	MAT\DO WELL\NATURAL TALENT	discrete	numeric	
V1916	BSBMDOW2	MAT\DO WELL\GOOD LUCK	discrete	numeric	
V1917	BSBMDOW3	MAT\DO WELL\HARD WORK STUDYING	discrete	numeric	
V1918	BSBMDOW4	MAT\DO WELL\MEMORIZE NOTES	discrete	numeric	
V1919	BSBSBYT1	BIO\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1920	BSBSBYT2	BIO\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V1921	BSBSBYT3	BIO\I AM JUST NOT TALENTED	discrete	numeric	
V1922	BSBSBYT4	BIO\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1923	BSBSEYT1	EAR\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1924	BSBSEYT2	EAR\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V1925	BSBSEYT3	EAR\I AM JUST NOT TALENTED	discrete	numeric	
V1926	BSBSEYT4	EAR\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1927	BSBSCYT1	CHEM\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	
V1928	BSBSCYT2	CHEM\MORE DIFFICULT FOR ME THAN FOR OTHR	discrete	numeric	
V1929	BSBSCYT3	CHEM\I AM JUST NOT TALENTED	discrete	numeric	
V1930	BSBSCYT4	CHEM\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1931	BSBSPYT1	PHY\LIKE MORE IF NOT SO DIFFICULT	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1932	BSBSPYT2	PHY\MORE DIFFICULT FOR ME THAN FOR OTHER	discrete	numeric	
V1933	BSBSPYT3	PHY\I AM JUST NOT TALENTED	discrete	numeric	
V1934	BSBSPYT4	PHY\NOT ONE OF MY STRENGTHS	discrete	numeric	
V1935	BSBSDOW1	SCI\DO WELL\NATURAL TALENT	discrete	numeric	
V1936	BSBSDOW2	SCI\DO WELL\GOOD LUCK	discrete	numeric	
V1937	BSBSDOW3	SCI\DO WELL\HARD WORK STUDYING	discrete	numeric	
V1938	BSBSDOW4	SCI\DO WELL\MEMORIZE NOTES	discrete	numeric	
V1939	BSBMLIKE	MAT\LIKE MATHEMATICS	discrete	numeric	
V1940	BSBBLIKB	BIO\LIKE BIOLOGICAL SCIENCE	discrete	numeric	
V1941	BSBBLIKE	BIO\LIKE BIOLOGICAL SCIENCE	discrete	numeric	
V1942	BSBELIKS	EAR\LIKE EARTH SCIENCE	discrete	numeric	
V1943	BSBELIKE	EAR\LIKE EARTH SCIENCE	discrete	numeric	
V1944	BSBCLIKC	CHEM\LIKE\CHEMISTRY	discrete	numeric	
V1945	BSBCLIKE	CHEM\LIKE\CHEMISTRY	discrete	numeric	
V1946	BSBPLIKP	PHY\LIKE\PHYSICS	discrete	numeric	
V1947	BSBPLIKE	PHY\LIKE\PHYSICS	discrete	numeric	
V1948	BSBMLUCM	MAT\LIKE COMPUTERS\MATH CLASS	discrete	numeric	
V1949	BSBSLUCS	SCI\LIKE COMPUTERS\SCIENCE CLASS	discrete	numeric	
V1950	BSBGINT1	GEN\INTERNET\AT HOME	discrete	numeric	
V1951	BSBGINT2	GEN\INTERNET\AT SCHOOL	discrete	numeric	
V1952	BSBGINT3	GEN\INTERNET\ELSEWHERE	discrete	numeric	
V1953	BSBGOF1	GEN\INTERNET\EMAILS MATH PROJECTS	discrete	numeric	
V1954	BSBGOF2	GEN\INTERNET\EMAILS SCIENCE PROJECTS	discrete	numeric	
V1955	BSBGOF3	GEN\INTERNET\WWW MATH PROJECTS	discrete	numeric	
V1956	BSBGOF4	GEN\INTERNET\WWW SCIENCE PROJECTS	discrete	numeric	
V1957	BSBMENJY	MAT\THINK\ENJOY LEARNING MATH	discrete	numeric	
V1958	BSBMBORE	MAT\THINK\MATH IS BORING	discrete	numeric	
V1959	BSBMEASY	MAT\THINK\MATH IS AN EASY SUBJECT	discrete	numeric	
V1960	BSBMLIFE	MAT\THINK\MATH IS IMPORTANT IN LIFE	discrete	numeric	
V1961	BSBMWORK	MAT\THINK\LIKE JOB INVOLVING MATH	discrete	numeric	
V1962	BSBMJOB	MAT\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V1963	BSBMPRNT	MAT\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V1964	BSBMSCHL	MAT\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V1965	BSBMSELF	MAT\DO WELL\TO PLEASE SELF	discrete	numeric	
V1966	BSBMPROB	MAT\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V1967	BSBMNOTE	MAT\COPY NOTES FROM THE BOARD	discrete	numeric	
V1968	BSBMTEST	MAT\HAVE A QUIZ OR TEST	discrete	numeric	
V1969	BSBMPROJ	MAT\WORK ON PROJECTS	discrete	numeric	
V1970	BSBMWSHT	MAT\WORK FROM WORKSHEETS ON OUR OWN	discrete	numeric	
V1971	BSBMCALC	MAT\USE CALCULATORS	discrete	numeric	



ID	Name	Label	Type	Format	Question
V1972	BSBMCOMP	MAT\USE COMPUTERS	discrete	numeric	
V1973	BSBMEVLF	MAT\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V1974	BSBMSGRP	MAT\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V1975	BSBMHWGV	MAT\TEACHER GIVES HOMEWORK	discrete	numeric	
V1976	BSBMHWCL	MAT\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V1977	BSBMHWTC	MAT\TEACHER CHECKS HOMEWORK	discrete	numeric	
V1978	BSBMHWFC	MAT\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V1979	BSBMHWDS	MAT\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V1980	BSBMUSBT	MAT\TEACHER USES BOARD	discrete	numeric	
V1981	BSBMUSOT	MAT\TEACHER USES OVERHEAD	discrete	numeric	
V1982	BSBMUSBS	MAT\STUDENTS USE BOARD	discrete	numeric	
V1983	BSBMUSOS	MAT\STUDENTS USE OVERHEAD	discrete	numeric	
V1984	BSBMRUPT	MAT\TEACHER GETS INTERRUPTED	discrete	numeric	
V1985	BSBMIDEA	MAT\TEACHER USES COMPUTER	discrete	numeric	
V1986	BSBMRULE	MAT\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V1987	BSBMPRAC	MAT\NEW TOPIC\DISCUSS PROCTICAL PROB	discrete	numeric	
V1988	BSBMSMGP	MAT\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V1989	BSBMASK	MAT\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V1990	BSBMTXBK	MAT\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V1991	BSBMEG	MAT\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V1992	BSBBSTDY	SCI\STUDYING THIS YEAR\BIOLOGY	discrete	numeric	
V1993	BSBCSTDY	SCI\STUDYING THIS YEAR\CHEMISTRY	discrete	numeric	
V1994	BSBESTDY	SCI\STUDYING THIS YEAR\EARTH SCIENCE	discrete	numeric	
V1995	BSBPSTDY	SCI\STUDYING THIS YEAR\PHYSICS	discrete	numeric	
V1996	BSBBENJY	BIO\THINK\ENJOY LEARNING BIOLOGY	discrete	numeric	
V1997	BSBBBORE	BIO\THINK\BIOLOGY IS BORING	discrete	numeric	
V1998	BSBBEASY	BIO\THINK\BIOLOGY IS AN EASY SUBJECT	discrete	numeric	
V1999	BSBBLIFE	BIO\THINK\BIOLOGY IS IMPORT IN LIFE	discrete	numeric	
V2000	BSBBWORK	BIO\THINK\LIKE JOB INVOLVING BIOLOGY	discrete	numeric	
V2001	BSBBJOB	BIO\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V2002	BSBBPRNT	BIO\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V2003	BSBBSCHL	BIO\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V2004	BSBBSELF	BIO\DO WELL\TO PLEASE SELF	discrete	numeric	
V2005	BSBBPROB	BIO\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V2006	BSBBNOTE	BIO\COPY NOTES FROM THE BOARD	discrete	numeric	
V2007	BSBBTEST	BIO\HAVE A QUIZ OR TEST	discrete	numeric	
V2008	BSBBPROJ	BIO\WORK ON PROJECTS	discrete	numeric	
V2009	BSBBWSHT	BIO\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V2010	BSBBCALC	BIO\USE CALCULATORS	discrete	numeric	
V2011	BSBBCOMP	BIO\USE COMPUTERS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2012	BSBBEVL	BIO\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V2013	BSBBSGRP	BIO\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V2014	BSBBHWGV	BIO\TEACHER GIVES HOMEWORK	discrete	numeric	
V2015	BSBBHWCL	BIO\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V2016	BSBBHWTC	BIO\TEACHER CHECKS HOMEWORK	discrete	numeric	
V2017	BSBBHWFC	BIO\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V2018	BSBBHWDS	BIO\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V2019	BSBBDEMO	BIO\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V2020	BSBBEXPR	BIO\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V2021	BSBBUSBT	BIO\TEACHER USES BOARD	discrete	numeric	
V2022	BSBBUSOT	BIO\TEACHER USES OVERHEAD	discrete	numeric	
V2023	BSBBUSBS	BIO\STUDENTS USE BOARD	discrete	numeric	
V2024	BSBBUSOS	BIO\STUDENTS USE OVERHEAD	discrete	numeric	
V2025	BSBBRUPT	BIO\TEACHER GETS INTERRUPTED	discrete	numeric	
V2026	BSBBIDEA	BIO\TEACHER USES COMPUTER	discrete	numeric	
V2027	BSBBRULE	BIO\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V2028	BSBBPRAC	BIO\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V2029	BSBBMGP	BIO\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V2030	BSBBASK	BIO\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V2031	BSBBTXBK	BIO\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V2032	BSBBEG	BIO\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V2033	BSBCENJY	CHE\THINK\ENJOY LEARNING CHEMISTRY	discrete	numeric	
V2034	BSBCBORE	CHE\THINK\CHEMISTRY IS BORING	discrete	numeric	
V2035	BSBCASY	CHE\THINK\CHEM IS AN EASY SUBJECT	discrete	numeric	
V2036	BSBCLIFE	CHE\THINK\CHEM IS IMPORT IN LIFE	discrete	numeric	
V2037	BSBCWORK	CHE\THINK\LIKE JOB INVOLVING CHEM	discrete	numeric	
V2038	BSBCJOB	CHE\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V2039	BSBCPRNT	CHE\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V2040	BSBCSCHL	CHE\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V2041	BSBCSELF	CHE\DO WELL\TO PLEASE SELF	discrete	numeric	
V2042	BSBCPROB	CHE\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V2043	BSBCNOTE	CHE\COPY NOTES FROM THE BOARD	discrete	numeric	
V2044	BSBCTEST	CHE\HAVE A QUIZ OR TEST	discrete	numeric	
V2045	BSBCPROJ	CHE\WORK ON PROJECTS	discrete	numeric	
V2046	BSBCWSHT	CHE\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V2047	BSBCCALC	CHE\USE CALCULATORS	discrete	numeric	
V2048	BSBCCOMP	CHE\USE COMPUTERS	discrete	numeric	
V2049	BSBCEVL	CHE\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V2050	BSBCSGRP	CHE\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V2051	BSBCHWGV	CHE\TEACHER GIVES HOMEWORK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2052	BSBCHWCL	CHE\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V2053	BSBCHWTC	CHE\TEACHER CHECKS HOMEWORK	discrete	numeric	
V2054	BSBCHWFC	CHE\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V2055	BSBCHWDS	CHE\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V2056	BSBCDEMO	CHE\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V2057	BSBCEXP	CHE\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V2058	BSBCUSBT	CHE\TEACHER USES BOARD	discrete	numeric	
V2059	BSBCUSOT	CHE\TEACHER USES OVERHEAD	discrete	numeric	
V2060	BSBCUSBS	CHE\STUDENTS USE BOARD	discrete	numeric	
V2061	BSBCUSOS	CHE\STUDENTS USE OVERHEAD	discrete	numeric	
V2062	BSBCRUPT	CHE\TEACHER GETS INTERRUPTED	discrete	numeric	
V2063	BSBCIDEA	CHE\TEACHER USES COMPUTER	discrete	numeric	
V2064	BSBCRULE	CHE\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V2065	BSBCPRAC	CHE\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V2066	BSBCSMGP	CHE\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V2067	BSBCASK	CHE\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V2068	BSBCTXBK	CHE\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V2069	BSBCEG	CHE\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V2070	BSBEENJY	EAR\THINK\ENJOY LEARNING EARTH SCI	discrete	numeric	
V2071	BSBEBORE	EAR\THINK\EARTH SCI IS BORING	discrete	numeric	
V2072	BSBEEASY	EAR\THINK\EARTH SCI EASY SUBJECT	discrete	numeric	
V2073	BSBELIFE	EAR\THINK\EARTH SCI IMPORT IN LIFE	discrete	numeric	
V2074	BSBEWORK	EAR\THINK\JOB INVOLVING EARTH SCI	discrete	numeric	
V2075	BSBEJOB	EAR\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V2076	BSBEPRNT	EAR\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V2077	BSBESCHL	EAR\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V2078	BSBESELF	EAR\DO WELL\TO PLEASE SELF	discrete	numeric	
V2079	BSBEPROB	EAR\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V2080	BSBENOTE	EAR\COPY NOTES FROM THE BOARD	discrete	numeric	
V2081	BSBETEST	EAR\HAVE A QUIZ OR TEST	discrete	numeric	
V2082	BSBEPROJ	EAR\WORK ON PROJECTS	discrete	numeric	
V2083	BSBEWSHT	EAR\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V2084	BSBECALC	EAR\USE CALCULATORS	discrete	numeric	
V2085	BSBECOMP	EAR\USE COMPUTERS	discrete	numeric	
V2086	BSBEEVLF	EAR\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V2087	BSBESGRP	EAR\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V2088	BSBEHWGV	EAR\TEACHER GIVES HOMEWORK	discrete	numeric	
V2089	BSBEHWCL	EAR\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V2090	BSBEHWTC	EAR\TEACHER CHECKS HOMEWORK	discrete	numeric	
V2091	BSBEHWFC	EAR\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2092	BSBEHWDS	EAR\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V2093	BSBEDEMO	EAR\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V2094	BSBEEXPR	EAR\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V2095	BSBEUSBT	EAR\TEACHER USES BOARD	discrete	numeric	
V2096	BSBEUSOT	EAR\TEACHER USES OVERHEAD	discrete	numeric	
V2097	BSBEUSBS	EAR\STUDENTS USE BOARD	discrete	numeric	
V2098	BSBEUSOS	EAR\STUDENTS USE OVERHEAD	discrete	numeric	
V2099	BSBERUPT	EAR\TEACHER GETS INTERRUPTED	discrete	numeric	
V2100	BSBEIDEA	EAR\TEACHER USES COMPUTER	discrete	numeric	
V2101	BSBERULE	EAR\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V2102	BSBEPRAC	EAR\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V2103	BSBESMGP	EAR\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V2104	BSBEASK	EAR\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V2105	BSBETXBK	EAR\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V2106	BSBEEG	EAR\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V2107	BSBPENJY	PHY\THINK\ENJOY LEARNING PHYSICS	discrete	numeric	
V2108	BSBPBORE	PHY\THINK\PHYSICS IS BORING	discrete	numeric	
V2109	BSBPEASY	PHY\THINK\PHYSICS IS EASY SUBJECT	discrete	numeric	
V2110	BSBPLIFE	PHY\THINK\PHYSICS IMPORT IN LIFE	discrete	numeric	
V2111	BSBPWORK	PHY\THINK\JOB INVOLVING PHYSICS	discrete	numeric	
V2112	BSBPJOB	PHY\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V2113	BSBPPRNT	PHY\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V2114	BSBPSCHL	PHY\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V2115	BSBPSELF	PHY\DO WELL\TO PLEASE SELF	discrete	numeric	
V2116	BSBPPOB	PHY\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V2117	BSBPNOTE	PHY\COPY NOTES FROM THE BOARD	discrete	numeric	
V2118	BSBPTEST	PHY\HAVE A QUIZ OR TEST	discrete	numeric	
V2119	BSBPPOJ	PHY\WORK ON PROJECTS	discrete	numeric	
V2120	BSBPWSHT	PHY\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V2121	BSBPCALC	PHY\USE CALCULATORS	discrete	numeric	
V2122	BSBPCOMP	PHY\USE COMPUTERS	discrete	numeric	
V2123	BSBPEVLF	PHY\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V2124	BSBPGRP	PHY\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V2125	BSBPHWGV	PHY\TEACHER GIVES HOMEWORK	discrete	numeric	
V2126	BSBPHWCL	PHY\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V2127	BSBPHWTC	PHY\TEACHER CHECKS HOMEWORK	discrete	numeric	
V2128	BSBPHWFC	PHY\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V2129	BSBPHWDS	PHY\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V2130	BSBPDEMO	PHY\TEACHER GIVES DEMONSTRATION	discrete	numeric	
V2131	BSBPEXPR	PHY\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2132	BSBPUSBT	PHY\TEACHER USES BOARD	discrete	numeric	
V2133	BSBPUSOT	PHY\TEACHER USES OVERHEAD	discrete	numeric	
V2134	BSBPUSBS	PHY\STUDENTS USE BOARD	discrete	numeric	
V2135	BSBPUSOS	PHY\STUDENTS USE OVERHEAD	discrete	numeric	
V2136	BSBPRUPT	PHY\TEACHER GETS INTERRUPTED	discrete	numeric	
V2137	BSBPIDEA	PHY\TEACHER USES COMPUTER	discrete	numeric	
V2138	BSBPRULE	PHY\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V2139	BSBPPRAC	PHY\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V2140	BSBPSMGP	PHY\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V2141	BSBPASK	PHY\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V2142	BSBPTXBK	PHY\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V2143	BSBPEG	PHY\NEW TOPIC\SOLVE RELATED EXAMPLE	discrete	numeric	
V2144	BSBGADU1	GEN\STUDENT LIVES WITH\MOTHER	discrete	numeric	
V2145	BSBGADU2	GEN\STUDENT LIVES WITH\FATHER	discrete	numeric	
V2146	BSBGADU3	GEN\STUDENT LIVES WITH\BROTHERS(S)	discrete	numeric	
V2147	BSBGADU4	GEN\STUDENT LIVES WITH\SISTER(S)	discrete	numeric	
V2148	BSBGADU5	GEN\STUDENT LIVES WITH\STEPMOTHER	discrete	numeric	
V2149	BSBGADU6	GEN\STUDENT LIVES WITH\STEPFATHER	discrete	numeric	
V2150	BSBGADU7	GEN\STUDENT LIVES WITH\GRANDPRNT(S)	discrete	numeric	
V2151	BSBGADU8	GEN\STUDENT LIVES WITH\RELATIVE(S)	discrete	numeric	
V2152	BSBGADU9	GEN\STUDENT LIVES WIHT\OTHER(S)	discrete	numeric	
V2153	BSBGHOME	GEN\# OF PEOPLE LIVING IN HOME	contin	numeric	
V2154	BSBGACT1	GEN\READ A BOOK	discrete	numeric	
V2155	BSBGACT2	GEN\VISIT A MUSEUM	discrete	numeric	
V2156	BSBGACT3	GEN\ATTEND A CONCERT	discrete	numeric	
V2157	BSBGACT4	GEN\GO TO THE THEATRE	discrete	numeric	
V2158	BSBGACT5	GEN\GO TO THE MOVIES	discrete	numeric	
V2159	BSBGNEWS	GEN\WATCH NEWS OR DOCUMENTATIES	discrete	numeric	
V2160	BSBGOPER	GEN\WATCH OPERA,BALLET,CLASS. MUSIC	discrete	numeric	
V2161	BSBGNATR	GEN\WATCH NATURE,WILDLIFE,HISTORY	discrete	numeric	
V2162	BSBGPOPU	GEN\WATCH POPULAR MUSIC	discrete	numeric	
V2163	BSBGSPRT	GEN\WATCH SPORTS	discrete	numeric	
V2164	BSBGVIDE	GEN\WATCH VIDEO GAMES	discrete	numeric	
V2165	BSBGCRTN	GEN\WATCH CARTOONS	discrete	numeric	
V2166	BSBGCMDY	GEN\WATCH COMEDY,ADVENTURE,SUSPENSE	discrete	numeric	
V2167	BSBGSSKP	GEN\STUDENT SKIPPED A CLASS	discrete	numeric	
V2168	BSBGSSTL	GEN\STUDENT HAD SOMETHING STOLEN	discrete	numeric	
V2169	BSBGSHRT	GEN\STUDENT THOUGHT MIGHT GET HURT	discrete	numeric	
V2170	BSBGFSKP	GEN\FRIEND SKIPPED A CLASS	discrete	numeric	
V2171	BSBGFSTL	GEN\FRIEND HAD SOMETHING STOLEN	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2172	BSBGFHRT	GEN\FRIEND THOUGHT MIGHT GET HURT	discrete	numeric	
V2173	BSBGENV1	GEN\AIR POLLUTION	discrete	numeric	
V2174	BSBGENV2	GEN\WATER POLLUTION	discrete	numeric	
V2175	BSBGENV3	GEN\DESTRUCTION OF FORESTS	discrete	numeric	
V2176	BSBGENV4	GEN\ENDANGERED SPECIES	discrete	numeric	
V2177	BSBGENV5	GEN\DAMAGE TO OZONE LAYER	discrete	numeric	
V2178	BSBGENV6	GEN\PROBLEMS FR NUCLEAR POWER PLANTS	discrete	numeric	
V2179	BSBSCARE	SCI\CHOOSE OF CARRER IN SCIENCE	discrete	numeric	
V2180	BSBSSYT1	SCI\DIFFICULT\WLD MORE LIKE IF LESS DIFF	discrete	numeric	
V2181	BSBSSYT2	SCI\DIFFICULT\MORE DIFF THAN FOR CLSMATE	discrete	numeric	
V2182	BSBSSYT3	SCI\DIFFICULT\I AM JUST NOT TALENTED	discrete	numeric	
V2183	BSBSSYT4	SCI\DIFFICULT\NOT ONE OF MY STRENGTHS	discrete	numeric	
V2184	BSBMLIKM	MAT\LIKE MATHEMATICS	discrete	numeric	
V2185	BSBSLIKE	SCI\LIKE SCIENCE	discrete	numeric	
V2186	BSBSLIKS	SCI\LIKE SCIENCE	discrete	numeric	
V2187	BSBSSCYE	SCI\STUDYING SCIENCE THIS YEAR	discrete	numeric	
V2188	BSBSENJY	SCI\THINK\ENJOY LEARNING SCIENCE	discrete	numeric	
V2189	BSBSBORE	SCI\THINK\SCIENCE IS BORING	discrete	numeric	
V2190	BSBSEASY	SCI\THINK\SCIENCE IS AN EASY SUBJECT	discrete	numeric	
V2191	BSBSLIFE	SCI\THINK\SCIENCE IS IMPORT IN LIFE	discrete	numeric	
V2192	BSBSWORK	SCI\THINK\LIKE JOB INVOLVING SCIENCE	discrete	numeric	
V2193	BSBSJOB	SCI\DO WELL\TO GET DESIRED JOB	discrete	numeric	
V2194	BSBSPRNT	SCI\DO WELL\TO PLEASE PARENTS	discrete	numeric	
V2195	BSBSSCHL	SCI\DO WELL\TO ENTER DESIRED SCHOOL	discrete	numeric	
V2196	BSBSSELF	SCI\DO WELL\TO PLEASE SELF	discrete	numeric	
V2197	BSBSPROB	SCI\TEACHER SHOW HOW TO DO PROBLEMS	discrete	numeric	
V2198	BSBSNOTE	SCI\COPY NOTES FROM THE BOARD	discrete	numeric	
V2199	BSBSTEST	SCI\HAVE A QUIZ OR TEST	discrete	numeric	
V2200	BSBSPROJ	SCI\WORK ON PROJECTS	discrete	numeric	
V2201	BSBSWSHT	SCI\WORK FROM WORKSHEETS ON OWR OWN	discrete	numeric	
V2202	BSBSCALC	SCI\USE CALCULATORS	discrete	numeric	
V2203	BSBSCOMP	SCI\USE COMPUTERS	discrete	numeric	
V2204	BSBSEVLF	SCI\SOLVE WITH EVERYDAY LIFE THINGS	discrete	numeric	
V2205	BSBSSGRP	SCI\WORK IN PAIRS OR SMALL GROUPS	discrete	numeric	
V2206	BSBSHWGV	SCI\TEACHER GIVES HOMEWORK	discrete	numeric	
V2207	BSBSHWCL	SCI\BEGIN HOMEWORK IN CLASS	discrete	numeric	
V2208	BSBSHWTC	SCI\TEACHER CHECKS HOMEWORK	discrete	numeric	
V2209	BSBSHWFC	SCI\CHECK EACH OTHER'S HOMEWORK	discrete	numeric	
V2210	BSBSHWDS	SCI\DISCUSS COMPLETED HOMEWORK	discrete	numeric	
V2211	BSBSDEMO	SCI\TEACHER GIVES DEMOSTRATION	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2212	BSBSEXP	SCI\STUDENTS DO EXPERIMENT IN CLASS	discrete	numeric	
V2213	BSBSUSBT	SCI\TEACHER USES BOARD	discrete	numeric	
V2214	BSBSUSOT	SCI\TEACHER USES OVERHEAD	discrete	numeric	
V2215	BSBSUSBS	SCI\STUDENTS USE BOARD	discrete	numeric	
V2216	BSBSUSOS	SCI\STUDENTS USE OVERHEAD	discrete	numeric	
V2217	BSBSRUPT	SCI\TEACHER GETS INTERRUPTED	discrete	numeric	
V2218	BSBSIDEA	SCI\TEACHER USES COMPUTER	discrete	numeric	
V2219	BSBSRULE	SCI\NEW TOPIC\TEACHER EXPLAINS RULES	discrete	numeric	
V2220	BSBSPRAC	SCI\NEW TOPIC\DISCUSS PRACTICAL PROB	discrete	numeric	
V2221	BSBSSMGP	SCI\NEW TOPIC\WORK IN SMALL GROUPS	discrete	numeric	
V2222	BSBSASK	SCI\NEW TOPIC\ASK WHAT STUDENTS KNOW	discrete	numeric	
V2223	BSBSTXBK	SCI\NEW TOPIC\LOOK AT TEXTBOOK	discrete	numeric	
V2224	BSBSEG	SCI\SOLVE EXAMPLE RELATED TO PROBLEM	discrete	numeric	
V2225	BSBSGOOD	SCI\USUALLY DO WELL IN SCIENCE	discrete	numeric	
V2226	BSDGEDUP	GEN\HIGHEST EDUC LEVEL\PARENTS	discrete	numeric	
V2227	BSDGPSA	GEN\POSSESS ALL\COMPUTER\DESK\DICTIONARY	discrete	numeric	
V2228	BSDGHERI	GEN\INDEX OF HOME EDUCATIONAL RESOURCES	discrete	numeric	
V2229	BSDGSPPI	GEN\PEER PRESS ON ACADEMIC WORK	discrete	numeric	
V2230	BSDGOSTI	GEN\OUT-OF-SCHOOL STUDY TIME	discrete	numeric	
V2231	BSDMDAY7	MAT\OUTSIDE SCHL\STUDY MATH	contin	numeric	
V2232	BSDSDAY8	SCI\OUTSIDE SCHL\STUDY SCIENCE	contin	numeric	
V2233	BSDGDAY9	GEN\OUTSIDE SCHL\STUDY OTHER SUBJ	contin	numeric	
V2234	BSDGSALL	GEN\OUTSIDE SCHL\STUDY ALL 3 FIELDS	discrete	numeric	
V2235	BSDMCMAI	MAT\INDEX OF CONFIDENCE IN MATH ABILITY	discrete	numeric	
V2236	BSDMPATM	MAT\POSITIVE ATTITUDE\TOWARD MATHEMATICS	discrete	numeric	
V2237	BSDGSTDT	GEN\DAILY HOURS SPENT STUDYING (DPC)	contin	numeric	
V2238	BSDSCSAI	SCI\INDEX OF CONFIDENCE IN SCIENCE ABILI	discrete	numeric	
V2239	BSDECSAI	SCI\INDEX OF CONFIDENCE IN EARTH SCIENCE	discrete	numeric	
V2240	BSDBCSAI	SCI\INDEX OF CONFIDENCE IN BIOLOGY ABILI	discrete	numeric	
V2241	BSDCCSAI	SCI\INDEX OF CONFIDENCE IN CHEMISTRY ABI	discrete	numeric	
V2242	BSDPCSAI	SCI\INDEX OF CONFIDENCE IN PHYSICS ABILI	discrete	numeric	
V2243	BSDSPATS	SCI\POSITIVE ATTITUDE\TOWARD SCIENCE	discrete	numeric	
V2244	BSDEPATS	SCI\POSITIVE ATTITUDE\TOWARD EARTH SCIEN	discrete	numeric	
V2245	BSDBPATS	SCI\POSITIVE ATTITUDE\TOWARD BIOLOGY	discrete	numeric	
V2246	BSDCPATS	SCI\POSITIVE ATTITUDE\TOWARD CHEMISTRY	discrete	numeric	
V2247	BSDPPATS	SCI\POSITIVE ATTITUDE\TOWARD PHYSICS	discrete	numeric	
V2248	WGTFAC1	*SCHOOL WEIGHT FACTOR*	contin	numeric	
V2249	WGTAJ1	*SCHOOL WEIGHT ADJUSTMENT*	discrete	numeric	
V2250	WGTFAC2	*CLASS WEIGHT FACTOR*	discrete	numeric	
V2251	WGTFAC3	*STUDENT WEIGHT FACTOR*	discrete	numeric	



ID	Name	Label	Type	Format	Question
V2252	WGTADJ3	*STUDENT WEIGHT ADJUSTMENT*	discrete	numeric	
V2253	BSMIBM01	*INTERN. MATH BENCH REACHED WITH 1ST PV*	discrete	numeric	
V2254	BSMIBM02	*INTERN. MATH BENCH REACHED WITH 2ND PV*	discrete	numeric	
V2255	BSMIBM03	*INTERN. MATH BENCH REACHED WITH 3RD PV*	discrete	numeric	
V2256	BSMIBM04	*INTERN. MATH BENCH REACHED WITH 4TH PV*	discrete	numeric	
V2257	BSMIBM05	*INTERN. MATH BENCH REACHED WITH 5TH PV*	discrete	numeric	
V2258	BSMNBM01	*NAT. MATH BENCH REACHED WITH 1ST PV*	discrete	numeric	
V2259	BSMNBM02	*NAT. MATH BENCH REACHED WITH 2ND PV*	discrete	numeric	
V2260	BSMNBM03	*NAT. MATH BENCH REACHED WITH 3RD PV*	discrete	numeric	
V2261	BSMNBM04	*NAT. MATH BENCH REACHED WITH 4TH PV*	discrete	numeric	
V2262	BSMNBM05	*NAT. MATH BENCH REACHED WITH 5TH PV*	discrete	numeric	
V2263	BSSIBM01	*INTERN. SCI BENCH REACHED WITH 1ST PV*	discrete	numeric	
V2264	BSSIBM02	*INTERN. SCI BENCH REACHED WITH 2ND PV*	discrete	numeric	
V2265	BSSIBM03	*INTERN. SCI BENCH REACHED WITH 3RD PV*	discrete	numeric	
V2266	BSSIBM04	*INTERN. SCI BENCH REACHED WITH 4TH PV*	discrete	numeric	
V2267	BSSIBM05	*INTERN. SCI BENCH REACHED WITH 5TH PV*	discrete	numeric	
V2268	BSSNBM01	*NAT. SCI BENCH REACHED WITH 1ST PV*	discrete	numeric	
V2269	BSSNBM02	*NAT. SCI BENCH REACHED WITH 2ND PV*	discrete	numeric	
V2270	BSSNBM03	*NAT. SCI BENCH REACHED WITH 3RD PV*	discrete	numeric	
V2271	BSSNBM04	*NAT. SCI BENCH REACHED WITH 4TH PV*	discrete	numeric	
V2272	BSSNBM05	*NAT. SCI BENCH REACHED WITH 5TH PV*	discrete	numeric	



## TIMSS 1999 - Population 2 - Student Written Assessment Reliability - All Countries v1

### Content

Cases 43685

Variable(s) 258

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V2273	VERSION	*VERSION NUMBER*	discrete	numeric	
V2274	IDBOOK	*BOOKLET ID*	discrete	numeric	
V2275	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V2276	IDPOP	*POPULATION ID*	discrete	numeric	
V2277	IDSCORR	*CODER*	contin	numeric	
V2278	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V2279	IDCLASS	*CLASS ID*	contin	numeric	
V2280	IDSTUD	*STUDENT ID*	contin	numeric	
V2281	MS22261A	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2282	MI22261A	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2283	MR22261A	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2284	MS22261B	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2285	MI22261B	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2286	MR22261B	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2287	MS22261C	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2288	MI22261C	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2289	MR22261C	SEQ. OF FIGURES WITH TRIANGLES (X)	discrete	numeric	
V2290	MS22227A	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2291	MI22227A	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2292	MR22227A	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2293	MS22227B	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2294	MI22227B	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2295	MR22227B	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2296	MS22227C	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2297	MI22227C	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2298	MR22227C	AREA, SIDE LENGTH, AND PERIM. FROM (X)	discrete	numeric	
V2299	MS22008	NR IN SEQUENCE INCREASING BY 4 (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2300	MI22008	NR IN SEQUENCE INCREASING BY 4 (X)	discrete	numeric	
V2301	MR22008	NR IN SEQUENCE INCREASING BY 4 (X)	discrete	numeric	
V2302	MS22012	FRACTION LESS THAN $4/9$ (X)	discrete	numeric	
V2303	MI22012	FRACTION LESS THAN $4/9$ (X)	discrete	numeric	
V2304	MR22012	FRACTION LESS THAN $4/9$ (X)	discrete	numeric	
V2305	SS22022	CURRENT/VOLTAGE TABLE (X)	discrete	numeric	
V2306	SI22022	CURRENT/VOLTAGE TABLE (X)	discrete	numeric	
V2307	SR22022	CURRENT/VOLTAGE TABLE (X)	discrete	numeric	
V2308	SS22244	FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X)	discrete	numeric	
V2309	SI22244	FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X)	discrete	numeric	
V2310	SR22244	FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X)	discrete	numeric	
V2311	MS22231B	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2312	MI22231B	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2313	MR22231B	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2314	MS22244	AREA SHADED RECTANGLE INS. PARALLEL (X)	discrete	numeric	
V2315	MI22244	AREA SHADED RECTANGLE INS. PARALLEL (X)	discrete	numeric	
V2316	MR22244	AREA SHADED RECTANGLE INS. PARALLEL (X)	discrete	numeric	
V2317	SS22088A	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2318	SI22088A	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2319	SR22088A	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2320	SS22088B	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2321	SI22088B	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2322	SR22088B	POS./NEGAT. EFFECT OF DAM ON (X)	discrete	numeric	
V2323	SS22249A	WATER SUPPLY (X)	discrete	numeric	
V2324	SI22249A	WATER SUPPLY (X)	discrete	numeric	
V2325	SR22249A	WATER SUPPLY (X)	discrete	numeric	
V2326	SS22249B	WATER SUPPLY (X)	discrete	numeric	
V2327	SI22249B	WATER SUPPLY (X)	discrete	numeric	
V2328	SR22249B	WATER SUPPLY (X)	discrete	numeric	
V2329	SS22286	DATA TREND DESCR.- MASSES ON SPRIN (X)	discrete	numeric	
V2330	SI22286	DATA TREND DESCR.- MASSES ON SPRIN (X)	discrete	numeric	
V2331	SR22286	DATA TREND DESCR.- MASSES ON SPRIN (X)	discrete	numeric	
V2332	SS22174	COMPOUNDS, MOLECULES AND ATOMS (X)	discrete	numeric	
V2333	SI22174	COMPOUNDS, MOLECULES AND ATOMS (X)	discrete	numeric	
V2334	SR22174	COMPOUNDS, MOLECULES AND ATOMS (X)	discrete	numeric	
V2335	SS22081	LIFE ON OTHER PLANETS (X)	discrete	numeric	
V2336	SI22081	LIFE ON OTHER PLANETS (X)	discrete	numeric	
V2337	SR22081	LIFE ON OTHER PLANETS (X)	discrete	numeric	
V2338	MS22026	DIVISION OF FRACTIONS (X)	discrete	numeric	
V2339	MI22026	DIVISION OF FRACTIONS (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2340	MR22026	DIVISION OF FRACTIONS (X)	discrete	numeric	
V2341	MS22030	INTERPRET. OF PICTOGRAPH OF HOUSES (X)	discrete	numeric	
V2342	MI22030	INTERPRET. OF PICTOGRAPH OF HOUSES (X)	discrete	numeric	
V2343	MR22030	INTERPRET. OF PICTOGRAPH OF HOUSES (X)	discrete	numeric	
V2344	SS22172A	ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2345	SI22172A	ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2346	SR22172A	ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2347	MS22228	NR OF CLUB MEMBERS THAT ARE BOYS (X)	discrete	numeric	
V2348	MI22228	NR OF CLUB MEMBERS THAT ARE BOYS (X)	discrete	numeric	
V2349	MR22228	NR OF CLUB MEMBERS THAT ARE BOYS (X)	discrete	numeric	
V2350	MS22231A	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2351	MI22231A	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2352	MR22231A	NR AND FRACTION OF 2 TYPES OF BOXE (X)	discrete	numeric	
V2353	MS22046	TOTAL KILOGRAMS OF SEED FROM MIXTURE (X)	discrete	numeric	
V2354	MI22046	TOTAL KILOGRAMS OF SEED FROM MIXTURE (X)	discrete	numeric	
V2355	MR22046	TOTAL KILOGRAMS OF SEED FROM MIXTURE (X)	discrete	numeric	
V2356	MS22055	PERIMETER OF SQUARE FROM AREA (X)	discrete	numeric	
V2357	MI22055	PERIMETER OF SQUARE FROM AREA (X)	discrete	numeric	
V2358	MR22055	PERIMETER OF SQUARE FROM AREA (X)	discrete	numeric	
V2359	SS22035	POLES ON CUT MAGNET (X)	discrete	numeric	
V2360	SI22035	POLES ON CUT MAGNET (X)	discrete	numeric	
V2361	SR22035	POLES ON CUT MAGNET (X)	discrete	numeric	
V2362	SS22160	ADVANTAGE OF HAVING TWO EARS (X)	discrete	numeric	
V2363	SI22160	ADVANTAGE OF HAVING TWO EARS (X)	discrete	numeric	
V2364	SR22160	ADVANTAGE OF HAVING TWO EARS (X)	discrete	numeric	
V2365	MS22232	ESTIMATE TIME FOR WATER TO COOL FROM (X)	discrete	numeric	
V2366	MI22232	ESTIMATE TIME FOR WATER TO COOL FROM (X)	discrete	numeric	
V2367	MR22232	ESTIMATE TIME FOR WATER TO COOL FROM (X)	discrete	numeric	
V2368	MS22234A	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2369	MI22234A	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2370	MR22234A	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2371	MS22234B	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2372	MI22234B	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2373	MR22234B	NEW RECTANGLE AND AREA FROM CHANGING (X)	discrete	numeric	
V2374	MS22243	AREA SHADED TRIANGLE INSIDE A SQUARE (X)	discrete	numeric	
V2375	MI22243	AREA SHADED TRIANGLE INSIDE A SQUARE (X)	discrete	numeric	
V2376	MR22243	AREA SHADED TRIANGLE INSIDE A SQUARE (X)	discrete	numeric	
V2377	SS22282	ENERGY CONVERSION - ELECTRICAL/LIGHT (X)	discrete	numeric	
V2378	SI22282	ENERGY CONVERSION - ELECTRICAL/LIGHT (X)	discrete	numeric	
V2379	SR22282	ENERGY CONVERSION - ELECTRICAL/LIGHT (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2380	SS22172B	B/ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2381	SI22172B	B/ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2382	SR22172B	B/ECOSYSTEM IN RAIN FOREST (X)	discrete	numeric	
V2383	SS22288	HEART RATE EXPERIMENT DESIGN (X)	discrete	numeric	
V2384	SI22288	HEART RATE EXPERIMENT DESIGN (X)	discrete	numeric	
V2385	SR22288	HEART RATE EXPERIMENT DESIGN (X)	discrete	numeric	
V2386	SS22017	EFFICIENCY OF MACHINES PUMPING WATER (X)	discrete	numeric	
V2387	SI22017	EFFICIENCY OF MACHINES PUMPING WATER (X)	discrete	numeric	
V2388	SR22017	EFFICIENCY OF MACHINES PUMPING WATER (X)	discrete	numeric	
V2389	SS22140	COMPLETE FOOD WEB (X)	discrete	numeric	
V2390	SI22140	COMPLETE FOOD WEB (X)	discrete	numeric	
V2391	SR22140	COMPLETE FOOD WEB (X)	discrete	numeric	
V2392	MS22089	FIND VALUE OF X IN MATHEMAT. EQUATIO (X)	discrete	numeric	
V2393	MI22089	FIND VALUE OF X IN MATHEMAT. EQUATIO (X)	discrete	numeric	
V2394	MR22089	FIND VALUE OF X IN MATHEMAT. EQUATIO (X)	discrete	numeric	
V2395	SS22289	EXPLAN. OF PULSE RATE INCREASING WIT (X)	discrete	numeric	
V2396	SI22289	EXPLAN. OF PULSE RATE INCREASING WIT (X)	discrete	numeric	
V2397	SR22289	EXPLAN. OF PULSE RATE INCREASING WIT (X)	discrete	numeric	
V2398	SS22069	TEMPERATURE OF BOILING WATER (X)	discrete	numeric	
V2399	SI22069	TEMPERATURE OF BOILING WATER (X)	discrete	numeric	
V2400	SR22069	TEMPERATURE OF BOILING WATER (X)	discrete	numeric	
V2401	SS22268	FREEZING SALT WATER EXPERIMENT (X)	discrete	numeric	
V2402	SI22268	FREEZING SALT WATER EXPERIMENT (X)	discrete	numeric	
V2403	SR22268	FREEZING SALT WATER EXPERIMENT (X)	discrete	numeric	
V2404	MS22106	RATIO OF CHILDREN TO ADULTS ON BUS (X)	discrete	numeric	
V2405	MI22106	RATIO OF CHILDREN TO ADULTS ON BUS (X)	discrete	numeric	
V2406	MR22106	RATIO OF CHILDREN TO ADULTS ON BUS (X)	discrete	numeric	
V2407	MS22110	MULTIPLY TWO DECIMALS (X)	discrete	numeric	
V2408	MI22110	MULTIPLY TWO DECIMALS (X)	discrete	numeric	
V2409	MR22110	MULTIPLY TWO DECIMALS (X)	discrete	numeric	
V2410	SS22161	HOW GLASSES/C.LENSES IMPROVE VISI (X)	discrete	numeric	
V2411	SI22161	HOW GLASSES/C.LENSES IMPROVE VISI (X)	discrete	numeric	
V2412	SR22161	HOW GLASSES/C.LENSES IMPROVE VISI (X)	discrete	numeric	
V2413	SS22191	CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X)	discrete	numeric	
V2414	SI22191	CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X)	discrete	numeric	
V2415	SR22191	CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X)	discrete	numeric	
V2416	SS22279	BRUSH REFLECTED IN MIRROR - ANGLED (X)	discrete	numeric	
V2417	SI22279	BRUSH REFLECTED IN MIRROR - ANGLED (X)	discrete	numeric	
V2418	SR22279	BRUSH REFLECTED IN MIRROR - ANGLED (X)	discrete	numeric	
V2419	MS22256	CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2420	MI22256	CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X)	discrete	numeric	
V2421	MR22256	CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X)	discrete	numeric	
V2422	MS22262A	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2423	MI22262A	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2424	MR22262A	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2425	MS22262B	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2426	MI22262B	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2427	MR22262B	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2428	MS22262C	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2429	MI22262C	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2430	MR22262C	SEQ.OF FIGURES CONTAINING CIRCLES (X)	discrete	numeric	
V2431	SS22141	FOOD WEB - EFFECT OF CROP FAILURE (X)	discrete	numeric	
V2432	SI22141	FOOD WEB - EFFECT OF CROP FAILURE (X)	discrete	numeric	
V2433	SR22141	FOOD WEB - EFFECT OF CROP FAILURE (X)	discrete	numeric	
V2434	SS22049	FLASHL. WITH WHITE/BLACK REFLECTORS (X)	discrete	numeric	
V2435	SI22049	FLASHL. WITH WHITE/BLACK REFLECTORS (X)	discrete	numeric	
V2436	SR22049	FLASHL. WITH WHITE/BLACK REFLECTORS (X)	discrete	numeric	
V2437	MS22118	FIND VALUE OF EXPRESS.BY SUBSTITUTING(X)	discrete	numeric	
V2438	MI22118	FIND VALUE OF EXPRESS.BY SUBSTITUTING(X)	discrete	numeric	
V2439	MR22118	FIND VALUE OF EXPRESS.BY SUBSTITUTING(X)	discrete	numeric	
V2440	MS22132	SHADE IN 3/8 OF SQUARES IN GRID (X)	discrete	numeric	
V2441	MI22132	SHADE IN 3/8 OF SQUARES IN GRID (X)	discrete	numeric	
V2442	MR22132	SHADE IN 3/8 OF SQUARES IN GRID (X)	discrete	numeric	
V2443	SS22217A	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2444	SI22217A	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2445	SR22217A	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2446	SS22217B	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2447	SI22217B	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2448	SR22217B	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2449	SS22217C	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2450	SI22217C	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2451	SR22217C	GALVANIZATION OF STEEL (X)	discrete	numeric	
V2452	SS22090	DIAGRAM OF RAIN FROM SEA FALL ON LAND(X)	discrete	numeric	
V2453	SI22090	DIAGRAM OF RAIN FROM SEA FALL ON LAND(X)	discrete	numeric	
V2454	SR22090	DIAGRAM OF RAIN FROM SEA FALL ON LAND(X)	discrete	numeric	
V2455	SS22048	HEAT EXPANS.OF BALLOONS - VAPOR PRES (X)	discrete	numeric	
V2456	SI22048	HEAT EXPANS.OF BALLOONS - VAPOR PRES (X)	discrete	numeric	
V2457	SR22048	HEAT EXPANS.OF BALLOONS - VAPOR PRES (X)	discrete	numeric	
V2458	MS22237	TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X)	discrete	numeric	
V2459	MI22237	TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2460	MR22237	TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X)	discrete	numeric	
V2461	MS22148	TIME WHEN FINISH HOMEWORK (X)	discrete	numeric	
V2462	MI22148	TIME WHEN FINISH HOMEWORK (X)	discrete	numeric	
V2463	MR22148	TIME WHEN FINISH HOMEWORK (X)	discrete	numeric	
V2464	MS22253	SOLVE EQUATION FOR X (X)	discrete	numeric	
V2465	MI22253	SOLVE EQUATION FOR X (X)	discrete	numeric	
V2466	MR22253	SOLVE EQUATION FOR X (X)	discrete	numeric	
V2467	MS22156	SCOOPS OF FLOUR NEEDED TO FILL BAG (X)	discrete	numeric	
V2468	MI22156	SCOOPS OF FLOUR NEEDED TO FILL BAG (X)	discrete	numeric	
V2469	MR22156	SCOOPS OF FLOUR NEEDED TO FILL BAG (X)	discrete	numeric	
V2470	SS22086	HOLE IN OZONE LAYER (X)	discrete	numeric	
V2471	SI22086	HOLE IN OZONE LAYER (X)	discrete	numeric	
V2472	SR22086	HOLE IN OZONE LAYER (X)	discrete	numeric	
V2473	SS22283	APPEARANCE OF JUPITER AND MOON (X)	discrete	numeric	
V2474	SI22283	APPEARANCE OF JUPITER AND MOON (X)	discrete	numeric	
V2475	SR22283	APPEARANCE OF JUPITER AND MOON (X)	discrete	numeric	
V2476	SS22152	PROCESS TO PREVENT BODY FROM OVERHEA.(X)	discrete	numeric	
V2477	SI22152	PROCESS TO PREVENT BODY FROM OVERHEA.(X)	discrete	numeric	
V2478	SR22152	PROCESS TO PREVENT BODY FROM OVERHEA.(X)	discrete	numeric	
V2479	SS22154	TRANSMISSION OF COLD - CLASSROOM (X)	discrete	numeric	
V2480	SI22154	TRANSMISSION OF COLD - CLASSROOM (X)	discrete	numeric	
V2481	SR22154	TRANSMISSION OF COLD - CLASSROOM (X)	discrete	numeric	
V2482	MS22202	FIND MEASURE OF ANGLE FROM SERIES ADJ(X)	discrete	numeric	
V2483	MI22202	FIND MEASURE OF ANGLE FROM SERIES ADJ(X)	discrete	numeric	
V2484	MR22202	FIND MEASURE OF ANGLE FROM SERIES ADJ(X)	discrete	numeric	
V2485	SS22292	FLUID LEVEL IN U-TUBE (X)	discrete	numeric	
V2486	SI22292	FLUID LEVEL IN U-TUBE (X)	discrete	numeric	
V2487	SR22292	FLUID LEVEL IN U-TUBE (X)	discrete	numeric	
V2488	SS22078	LIGHT FROM SUN AND MOON (X)	discrete	numeric	
V2489	SI22078	LIGHT FROM SUN AND MOON (X)	discrete	numeric	
V2490	SR22078	LIGHT FROM SUN AND MOON (X)	discrete	numeric	
V2491	SS22281	MASS OF FREEZING WATER (X)	discrete	numeric	
V2492	SI22281	MASS OF FREEZING WATER (X)	discrete	numeric	
V2493	SR22281	MASS OF FREEZING WATER (X)	discrete	numeric	
V2494	SS22165A	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V2495	SI22165A	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V2496	SR22165A	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V2497	SS22165B	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V2498	SI22165B	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	
V2499	SR22165B	OUTCOME OF INTRODUCING NEW FISH SPECI(X)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V2500	SS22284	ATMOSPHERIC CONDITIONS - CONTROLLJE (X)	discrete	numeric	
V2501	SI22284	ATMOSPHERIC CONDITIONS - CONTROLLJE (X)	discrete	numeric	
V2502	SR22284	ATMOSPHERIC CONDITIONS - CONTROLLJE (X)	discrete	numeric	
V2503	SS22213	SMALL PIECES OF WOOD BURN FASTER (X)	discrete	numeric	
V2504	SI22213	SMALL PIECES OF WOOD BURN FASTER (X)	discrete	numeric	
V2505	SR22213	SMALL PIECES OF WOOD BURN FASTER (X)	discrete	numeric	
V2506	MS22219	HOW MUCH MONEY LEFT IF SPENT 5/8 (X)	discrete	numeric	
V2507	MI22219	HOW MUCH MONEY LEFT IF SPENT 5/8 (X)	discrete	numeric	
V2508	MR22219	HOW MUCH MONEY LEFT IF SPENT 5/8 (X)	discrete	numeric	
V2509	MS22222	MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X)	discrete	numeric	
V2510	MI22222	MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X)	discrete	numeric	
V2511	MR22222	MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X)	discrete	numeric	
V2512	SS22043	FLASHL. - AMOUNT OF LIGHT ON WALL AN (X)	discrete	numeric	
V2513	SI22043	FLASHL. - AMOUNT OF LIGHT ON WALL AN (X)	discrete	numeric	
V2514	SR22043	FLASHL. - AMOUNT OF LIGHT ON WALL AN (X)	discrete	numeric	
V2515	SS22258	TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X)	discrete	numeric	
V2516	SI22258	TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X)	discrete	numeric	
V2517	SR22258	TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X)	discrete	numeric	
V2518	SS22277A	REASONS FOR FAMINE (X)	discrete	numeric	
V2519	SI22277A	REASONS FOR FAMINE (X)	discrete	numeric	
V2520	SR22277A	REASONS FOR FAMINE (X)	discrete	numeric	
V2521	SS22277B	REASONS FOR FAMINE (X)	discrete	numeric	
V2522	SI22277B	REASONS FOR FAMINE (X)	discrete	numeric	
V2523	SR22277B	REASONS FOR FAMINE (X)	discrete	numeric	
V2524	SS22158	DIGESTION IN STOMACH (X)	discrete	numeric	
V2525	SI22158	DIGESTION IN STOMACH (X)	discrete	numeric	
V2526	SR22158	DIGESTION IN STOMACH (X)	discrete	numeric	
V2527	MS22178	WRITE DECIMAL AS FRACT. REDUCED TO LO(X)	discrete	numeric	
V2528	MI22178	WRITE DECIMAL AS FRACT. REDUCED TO LO(X)	discrete	numeric	
V2529	MR22178	WRITE DECIMAL AS FRACT. REDUCED TO LO(X)	discrete	numeric	
V2530	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	contin	numeric	



# TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

## Content

Cases 495466

Variable(s) 33

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V2531	VERSION	*FILE VERSION*	discrete	numeric	
V2532	IDCNTRY	*COUNTRY ID*	discrete	numeric	
V2533	IDPOP	*POPULATION ID*	discrete	numeric	
V2534	IDSCHOOL	*SCHOOL ID*	contin	numeric	
V2535	IDCLASS	*CLASS ID*	contin	numeric	
V2536	IDSTUD	*STUDENT ID*	contin	numeric	
V2537	IDTEACH	*TEACHER ID*	contin	numeric	
V2538	IDLINK	*TEACHER LINK NUMBER*	contin	numeric	
V2539	IDGRADER	*GRADE*	discrete	numeric	
V2540	INTMS95	*INTMS95*	discrete	numeric	
V2541	INTMS99	*INTMS99*	discrete	numeric	
V2542	JKZONE	*ZONE CODE*	contin	numeric	
V2543	JKREP	*REPLICATE CODE*	discrete	numeric	
V2544	MATSUBJ	*Mathematics Teacher Link*	discrete	numeric	
V2545	SCISUBJ	*Science Teacher Link*	discrete	numeric	
V2546	NMTEACH	*Number of Math Teachers for Student*	discrete	numeric	
V2547	NSTEACH	*Number of Science Teachers for Student*	discrete	numeric	
V2548	NTEACH	*# of Math+Science Teachers combined*	discrete	numeric	
V2549	MATWGT	*Weight for Mathematics Teacher Data*	contin	numeric	
V2550	SCIWGT	*Weight for Science Teacher Data*	contin	numeric	
V2551	TCHWGT	*Weight for Mat+Sci Teacher Data combin*	contin	numeric	
V2552	TOTWGT	*STUDENT WEIGHT*	contin	numeric	
V2553	BSMMAT01	*1ST PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V2554	BSMMAT02	*2ND PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V2555	BSMMAT03	*3RD PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V2556	BSMMAT04	*4TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V2557	BSMMAT05	*5TH PLAUSIBLE VALUE MATHEMATICS*	contin	numeric	
V2558	BSSSCI01	*1ST PLAUSIBLE VALUE SCIENCE*	contin	numeric	



ID	Name	Label	Type	Format	Question
V2559	BSSSCI02	*2ND PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V2560	BSSSCI03	*3RD PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V2561	BSSSCI04	*4TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V2562	BSSSCI05	*5TH PLAUSIBLE VALUE SCIENCE*	contin	numeric	
V2563	DPCDATE	*FILE CREATION DATE AT DPC HAMBURG*	discrete	numeric	



**\*VERSION NUMBER\* (VERSION)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 50-50

Valid cases: 7495  
 Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 4-12700

Valid cases: 7495  
 Invalid: 0

**\*SUBJECT ID\* (IDSUBJCT)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 7495  
 Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 7495  
 Invalid: 0

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-911

Valid cases: 7495  
 Invalid: 0  
 Minimum: 1  
 Maximum: 911  
 Mean: 132.8  
 Standard deviation: 150.4

**\*TEACHER ID\* (IDTEACH)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7495
Format: numeric	Invalid: 0
Width: 5	Minimum: 101
Decimals: 0	Maximum: 91101
Range: 101-91101	Mean: 13284.5
	Standard deviation: 15041

**\*TEACHER LINK NUMBER\* (IDLINK)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7495
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 32
Range: 1-32	Mean: 2
	Standard deviation: 2.2

**\*NAME OF COURSE\* (ITCOURSE)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7495
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

**GEN\AGE OF TEACHER (BTBGAGE)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7050
Format: numeric	Invalid: 445
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\SEX OF TEACHER (BTBGSEX)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7067
Format: numeric	Invalid: 428
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\YEARS BEEN TEACHING (BTBGTAUG)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7044
Format: numeric	Invalid: 451
Width: 3	Minimum: 0
Decimals: 0	Maximum: 52
Range: 0-52	Mean: 16.4
Invalid: 101	Standard deviation: 10

**GEN\SCHEDULED HOURS ALTOGETHER (BTBGTOTL)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6789
Format: numeric	Invalid: 706
Width: 3	Minimum: 1
Decimals: 0	Maximum: 86
Range: 1-86	Mean: 23.1
Invalid: 101	Standard deviation: 7.5

**MAT\SCHEDULED SUBJECTS\MATHEMATICS (BTBMSUB1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6990
Format: numeric	Invalid: 505
Width: 3	Minimum: 1
Decimals: 0	Maximum: 80
Range: 1-80	Mean: 18.1
Invalid: 101	Standard deviation: 7.9

**SCI\SCHEDULED SUBJECTS\GENERAL SCI (BTBSSUB2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5377
Format: numeric	Invalid: 2118
Width: 3	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 1
Invalid: 101	Standard deviation: 3

**SCI\SCHEDULED SUBJECTS\PHYSICAL SCI (BTBSSUB3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 2030
Format: numeric	Invalid: 5465
Width: 3	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	Mean: 0.2
Invalid: 101	Standard deviation: 1.5

**SCI\SCHEDULED SUBJECTS\EARTH SCIENCE (BTBSSUB4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 3472
Format: numeric	Invalid: 4023
Width: 3	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	Mean: 0.2
Invalid: 101	Standard deviation: 1.4

**SCI\SCHEDULED SUBJECTS\LIFE SCIENCE (BTBSSUB5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 1087
Format: numeric	Invalid: 6408
Width: 2	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 0
Invalid: 11	Standard deviation: 0.3

**SCI\SCHEDULED SUBJECTS\BIOLOGY (BTBSSUB6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4375
Format: numeric	Invalid: 3120
Width: 3	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	Mean: 0.1
Invalid: 101	Standard deviation: 1.3

**SCI\SCHEDULED SUBJECTS\CHEMISTRY (BTBSSUB7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 3677
Format: numeric	Invalid: 3818
Width: 3	Minimum: 0
Decimals: 0	Maximum: 27
Range: 0-27	Mean: 0.3
Invalid: 101	Standard deviation: 1.5

**SCI\SCHEDULED SUBJECTS\PHYSICS (BTBSSUB8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 3823
Format: numeric	Invalid: 3672
Width: 3	Minimum: 0
Decimals: 0	Maximum: 21
Range: 0-21	Mean: 0.8
Invalid: 101	Standard deviation: 2.3

**GEN\SCHEDULED SUBJECTS\OTHER (BTBGSUB9)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6580
Format: numeric	Invalid: 915
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 2.7
Invalid: 101	Standard deviation: 5.7

**GEN\SCHEDULED TASKS\SUPERVISION (BTBGTSK1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6394
Format: numeric	Invalid: 1101
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 2.1
Invalid: 101	Standard deviation: 3.9

**GEN\SCHEDULED TASKS\COUNSELLING (BTBGTSK2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6383
Format: numeric	Invalid: 1112
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 1.6
Invalid: 101	Standard deviation: 3.6

**GEN\SCHEDULED TASKS\ADMINISTRATION (BTBGTSK3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6366
Format: numeric	Invalid: 1129
Width: 3	Minimum: 0
Decimals: 0	Maximum: 48
Range: 0-48	Mean: 1.4
Invalid: 101	Standard deviation: 3.6

**GEN\SCHEDULED TASKS\INDIVID PLANNING (BTBGTSK4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6206
Format: numeric	Invalid: 1289
Width: 3	Minimum: 0
Decimals: 0	Maximum: 42
Range: 0-42	Mean: 2.3
Invalid: 101	Standard deviation: 3.6

**GEN\SCHEDULED TASKS\COOP PLANNING (BTBGTSK5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6056
Format: numeric	Invalid: 1439
Width: 3	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 0.9
Invalid: 101	Standard deviation: 2.1

**GEN\SCHEDULED TASKS\NON SPECIFIED (BTBGTSK6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6296
Format: numeric	Invalid: 1199
Width: 3	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 1.4
Invalid: 101	Standard deviation: 2.8

**GEN\SCHEDULED TASKS\OTHER (BTBGTSK7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6040
Format: numeric	Invalid: 1455
Width: 3	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 1
Invalid: 101	Standard deviation: 2.8

**GEN\OUTSIDE SCHL\PREPARE TEST (BTBGACT1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 6995
Format: numeric	Invalid: 500
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\OUTSIDE SCHL\READ STUDENT WORK (BTBGACT2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 6839
Format: numeric	Invalid: 656
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	



**GEN\OUTSIDE SCHL\PLAN LESSONS (BTBGACT3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6950  
 Invalid: 545

**GEN\OUTSIDE SCHL\MEET STUDENTS (BTBGACT4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6808  
 Invalid: 687

**GEN\OUTSIDE SCHL\MEET PARENTS (BTBGACT5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6826  
 Invalid: 669

**GEN\OUTSIDE SCHL\PROFESSIONL READING (BTBGACT6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6801  
 Invalid: 694

**GEN\OUTSIDE SCHL\UPDATE STUD RECORDS (BTBGACT7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6805  
 Invalid: 690

**GEN\OUTSIDE SCHL\ADMINISTRATIVE TASKS (BTBGACT8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6809  
 Invalid: 686

**GEN\OUTSIDE SCHL\OTHER (BTBGACT9)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4439  
 Invalid: 3056

**GEN\TEACHING ACTIVITIES ALTOGETHER (BTBGALTO)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-90  
 Invalid: 101

Valid cases: 6797  
 Invalid: 698  
 Minimum: 0  
 Maximum: 90  
 Mean: 36.2  
 Standard deviation: 15.5

**GEN\MEETING WITH OTHER TEACHERS (BTBGMEET)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7013  
 Invalid: 482

**GEN\INFLUENCE\SUBJECT MATTER (BTBGINF1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6535  
 Invalid: 960

**GEN\INFLUENCE\SPECIFIC TEXTBOOKS (BTBGINF2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6524  
 Invalid: 971

**GEN\INFLUENCE\MONEY FOR SUPPLIES (BTBGINF3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6480  
 Invalid: 1015

**GEN\INFLUENCE\KIND OF SUPPLIES (BTBGINF4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6471  
 Invalid: 1024

**MAT\GD\IMPT\REMEMBER FORMULAS (BTBMIMP1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6945  
 Invalid: 550

**MAT\GD\IMPT\SEQUENTIAL AND PROCEDURAL (BTBMIMP2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6953  
 Invalid: 542

**MAT\GD\IMPT\UNDERSTAND CONCEPTS (BTBMIMP3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6951  
 Invalid: 544

**MAT\GD\IMPT\THINK CREATIVELY (BTBMIMP4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6946  
 Invalid: 549

**MAT\GD\IMPT\HOW USED IN REAL WORLD (BTBMIMP5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6957  
 Invalid: 538

**MAT\GD\IMPT\SUPPORT SOLUTIONS (BTBMIMP6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6959  
 Invalid: 536

**MAT\PRIMARILY AN ABSTRACT SUBJECT (BTBMAGR1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6865  
 Invalid: 630

**MAT\FORMAL REPRESENTATION OF WORLD (BTBMAGR2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6842  
 Invalid: 653

**MAT\PRACTICAL AND STRUCTURED GUIDE (BTBMAGR3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6884  
 Invalid: 611

**GEN\PRACTICE TO OVERCOME DIFFICULTY (BTBGAGR4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6904  
 Invalid: 591

**MAT\NATURAL TALENT FOR MATH (BTBMAGR5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6951  
 Invalid: 544

**MAT\USE MORE THAN 1 REPRESENTATION (BTBMAGR6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6944  
 Invalid: 551

**MAT\SET OF ALGORITHMS OR RULES (BTBMAGR7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6815  
 Invalid: 680

**MAT\BASIC COMPUTATIONAL SKILLS (BTBMAGR8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6924  
 Invalid: 571

**MAT\LIKING AND UNDERSTANDING STUDENTS (BTBMAGR9)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6936  
 Invalid: 559

**MAT\NATIONAL CURRICULUM GUIDE (BTBMFAM1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6083  
 Invalid: 1412

**MAT\REGIONAL CURRICULUM GUIDE (BTBMFAM2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3249  
 Invalid: 4246

**GEN\SCHOOL CURRICULUM GUIDE (BTBGFAM3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4779  
 Invalid: 2716

**GEN\NATIONAL EXAM SPECIFICATIONS (BTBGFAM4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4915  
 Invalid: 2580

**GEN\REGIONAL EXAM SPECIFICATIONS (BTBGFAM5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3271  
 Invalid: 4224

**MAT\NATIONAL PEDAGOGY GUIDE (BTBMFAM6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4085  
 Invalid: 3410

**MAT\REGIONAL PEDAGOGY GUIDE (BTBMFAM7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 2170  
 Invalid: 5325

**MAT\PREP\FRACTIONS, DECIMALS, PERCENTAGE (BTBMFP01)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6279  
 Invalid: 1216

**MAT\PREP\RATIOS AND PROPORTIONS (BTBMFP02)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6257  
 Invalid: 1238

**MAT\PREP\MEASUREMENTS - UNITS, ... (BTBMFP03)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6234  
 Invalid: 1261

**MAT\PREP\PERIMETER, AREA, VOLUME (BTBMFP04)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6264  
 Invalid: 1231

**MAT\PREP\GEOM FIG - DEF, PROPERTIES (BTBMFP05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6259  
 Invalid: 1236



**MAT\PREP\GEOM FIG - SYMMETRY, ... (BTBMFP06)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6268  
 Invalid: 1227

**MAT\PREP\COORDINATE GEOMETRY (BTBMFP07)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6232  
 Invalid: 1263

**MAT\PREP\ALGEBRAIC REPRESENTATION (BTBMFP08)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6223  
 Invalid: 1272

**MAT\PREP\EVAL. + PERFORM OP ON ALG. EQTN (BTBMFP09)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6250  
 Invalid: 1245

**MAT\PREP\SOLVE LINEAR EQUATIONS (BTBMFP10)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6262  
 Invalid: 1233

**MAT\PREP\REPR. + INTERPR. DATA IN GRAPHS (BTBMFP11)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6066  
 Invalid: 1429

**MAT\PREP\SIMPLE PROBABILITIES (BTBMFP12)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6064  
 Invalid: 1431

**GEN\LEVEL OF EDUCATION COMPLETED (BTBGEDUC)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6946  
 Invalid: 549

**GEN\TEACHER TRAINING CERTIFICATE (BTBGTRAC)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6405  
 Invalid: 1090

**GEN\YEARS PRE SERVICE TRAINING (BTBGYETR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-10  
 Invalid: 101

Valid cases: 6323  
 Invalid: 1172  
 Minimum: 0  
 Maximum: 10  
 Mean: 2.7  
 Standard deviation: 2

**GEN\BEGIN SECONDARY SCHOOL (BTBGPRT)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6290  
 Invalid: 1205

**GEN\HAVE BA (BTBGCMA5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6781  
 Invalid: 714

**GEN\MAIN STUDY FOR BA\MATHEMATICS (BTBGCMA1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6211  
 Invalid: 1284

**GEN\MAIN STUDY FOR BA\BIOLOGY (BTBGCMA2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6204  
 Invalid: 1291

**GEN\MAIN STUDY FOR BA\PHYSICS (BTBGCMA3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6095  
 Invalid: 1400

**GEN\MAIN STUDY FOR BA\CHEMISTRY (BTBGCMA4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6084  
 Invalid: 1411

**GEN\MAIN STUDY FOR BA\EDUCATION (BTBGCMA5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6068  
 Invalid: 1427

**GEN\MAIN STUDY FOR BA\MATH EDUCATION (BTBGCMA6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5716  
 Invalid: 1779

**GEN\MAIN STUDY FOR BA\SCIENCE EDUCATION (BTBGCMA7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5578  
 Invalid: 1917

**GEN\MAIN STUDY FOR BA\OTHER (BTBGCMA8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6003  
 Invalid: 1492

**GEN\HAVE MASTERS DEGREE (BTBGMMAS)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6148  
 Invalid: 1347

**GEN\MAIN STUDY FOR MA\MATHEMATICS (BTBGMMMA1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1522  
 Invalid: 5973

**GEN\MAIN STUDY FOR MA\BIOLOGY (BTBGMMMA2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1364  
 Invalid: 6131

**GEN\MAIN STUDY FOR MA\PHYSICS (BTBGMMMA3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1366  
 Invalid: 6129

**GEN\MAIN STUDY FOR MA\CHEMISTRY (BTBGMMMA4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1362  
 Invalid: 6133

**GEN\MAIN STUDY FOR MA\EDUCATION (BTBGMMMA5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1360  
 Invalid: 6135

**GEN\MAIN STUDY FOR MA\MATH EDUCATION (BTBGMMMA6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1195  
 Invalid: 6300

**GEN\MAIN STUDY FOR MA\SCIENCE EDUCATION (BTBGMMMA7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1198  
 Invalid: 6297

**GEN\MAIN STUDY FOR MA\OTHER (BTBGMMMA8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 1351  
 Invalid: 6144

**GEN\WAS TEACHING FIRST CHOICE (BTBGCARE)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6043  
 Invalid: 1452

**GEN\WOULD YOU CHANGE CARREER (BTBGCHNG)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6137  
 Invalid: 1358

**GEN\IS WORK APPRECIATED BY SOCIETY (BTBGSOAP)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6167  
 Invalid: 1328

**GEN\IS WORK APPRECIATED BY STUDENTS (BTBGSTAP)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6158  
 Invalid: 1337

**GEN\NUMBER OF BOOKS IN HOME (BTBGBOOK)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5340  
 Invalid: 2155

**MAT\CLSS\NUMBER OF BOYS IN CLASS (BTBMBOY)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-93  
 Invalid: 101

Valid cases: 6425  
 Invalid: 1070  
 Minimum: 0  
 Maximum: 93  
 Mean: 15.3  
 Standard deviation: 11

**MAT\CLSS\NUMBER OF GIRLS IN CLASS (BTBMGIRL)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6427
Format: numeric	Invalid: 1068
Width: 3	Minimum: 0
Decimals: 0	Maximum: 95
Range: 0-95	Mean: 14.9
Invalid: 101	Standard deviation: 11.1

**MAT\CLSS\NUMBER OF STUDENTS IN CLASS (BTDMTOEN)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6481
Format: numeric	Invalid: 1014
Width: 4	Minimum: 0
Decimals: 0	Maximum: 194
Range: 0-194	Mean: 30.3
Invalid: 1001	Standard deviation: 18.5

**MAT\CLSS\SUBJECT MATTER EMPHASIS (BTBMSMEC)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 6205
Format: numeric	Invalid: 1290
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\CLSS\LENGTH OF MATH CLASS (BTBMTIME)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6602
Format: numeric	Invalid: 893
Width: 4	Minimum: 20
Decimals: 0	Maximum: 600
Range: 20-600	Mean: 215.3
Invalid: 1001	Standard deviation: 82

**MAT\CLSS\USE MATH TEXTBOOK (BTBMTXBK)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 6798
Format: numeric	Invalid: 697
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	



**MAT\CLSS\TEXTBOOK BASED TEACHING (BTBMTXBR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6675  
 Invalid: 820

**MAT\USE CALCULATORS DURING LESSONS (BTBMCUDL)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6573  
 Invalid: 922

**MAT\EXTENT CALCULATORS PERMITTED (BTBMWECP)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6821  
 Invalid: 674

**MAT\CALCS FOR CHECKING ANSWERS (BTBMCAL1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5180  
 Invalid: 2315

**MAT\CALCS FOR TESTS AND EXAMS (BTBMCAL2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5151  
 Invalid: 2344

**MAT\CALCS FOR ROUTINE COMPUTATIO (BTBMCAL3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5139  
 Invalid: 2356

**MAT\CALCS FOR COMPLEX PROBLEMS (BTBMCAL4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5173  
 Invalid: 2322

**MAT\CALCS FOR NUMBER CONCEPTS (BTBMCAL5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 5087  
 Invalid: 2408

**MAT\COMPUTERS\IN CLASSROOMS (BTBMCOM1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6674  
 Invalid: 821

**MAT\COMPUTERS\IN OTHER ROOMS (BTBMCOM2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6606  
 Invalid: 889

**MAT\COMPUTERS\ACCESS INTERNET (BTBMINT1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5199  
 Invalid: 2296

**MAT\COMPUTERS\USE INTERNET (BTBMINT2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5201  
 Invalid: 2294

**MAT\SOURCE\WHICH TOPIC TO TEACH (BTBMSRC1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6332  
 Invalid: 1163

**MAT\SOURCE\HOW TO PRESENT A TOPIC (BTBMSRC2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6331  
 Invalid: 1164

**MAT\SOURCE\CLASS WORK AND HOMEWORK (BTBMSRC3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6277  
 Invalid: 1218

**MAT\SOURCE\ASSESSMENT AND EVALUATION (BTBMSRC4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6305  
 Invalid: 1190

**MAT\TASKS\EXPLAIN REASONING (BTBMASK1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6901  
 Invalid: 594

**MAT\TASKS\ANALYZE RELATIONSHIPS (BTBMASK2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6900  
 Invalid: 595

**MAT\TASKS\WORK ON PROBLEMS (BTBMASK3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6874  
 Invalid: 621

**MAT\TASKS\USE COMPUTERS (BTBMASK4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6716  
 Invalid: 779

**MAT\TASKS\WRITE EQUATIONS (BTBMASK5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6880  
 Invalid: 615

**MAT\TASKS\PRACTICE COMPUTATION (BTBMASK6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6889  
 Invalid: 606

**MAT\TASKS\USE GRAPHING CALCULATORS (BTBMASK7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6672  
 Invalid: 823

**MAT\INDIVIDUAL WORK\NO ASSISTANCE (BTBMLES1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6889  
 Invalid: 606

**MAT\INDIVIDUAL WORK\ASSISTANCE (BTBMLES2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6902  
 Invalid: 593

**MAT\WORK TOGETHER\TEACHER TEACHES (BTBMLES3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6890  
 Invalid: 605

**MAT\WORK TOGETHER\STUDENTS INTERACT (BTBMLES4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6870  
 Invalid: 625

**MAT\WORK IN GROUPS\NO ASSISTANCE (BTBMLES5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6894  
 Invalid: 601

**MAT\WORK IN GROUPS\ASSISTANCE (BTBMLES6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6911  
 Invalid: 584

**MAT\PERCENTAGE SPENT\ADMINISTRATIVE (BTBMACT1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-90  
 Invalid: 101

Valid cases: 6809  
 Invalid: 686  
 Minimum: 0  
 Maximum: 90  
 Mean: 4.4  
 Standard deviation: 7.1

**MAT\PERCENTAGE SPENT\HOMEWORK REVIEW (BTBMACT2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6798
Format: numeric	Invalid: 697
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 12.1
Invalid: 101	Standard deviation: 9.7

**MAT\PERCENTAGE SPENT\LECTURE STYLE (BTBMACT3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6810
Format: numeric	Invalid: 685
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 23.3
Invalid: 101	Standard deviation: 15.8

**MAT\PERCENTAGE SPENT\GUIDED PRACTICE (BTBMACT4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6803
Format: numeric	Invalid: 692
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 21.9
Invalid: 101	Standard deviation: 13.5

**MAT\PERCENTAGE SPENT\RE-TEACHING (BTBMACT5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6801
Format: numeric	Invalid: 694
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 12.6
Invalid: 101	Standard deviation: 9.3

**MAT\PERCENTAGE SPENT\STUDENT PRACTICE (BTBMACT6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6805
Format: numeric	Invalid: 690
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 15.5
Invalid: 101	Standard deviation: 13.1

**MAT\PERCENTAGE SPENT\TEST AND QUIZZES (BTBMACT7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6803
Format: numeric	Invalid: 692
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 11
Invalid: 101	Standard deviation: 8.6

**MAT\PERCENTAGE SPENT\OTHER (BTBMACT8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6608
Format: numeric	Invalid: 887
Width: 3	Minimum: 0
Decimals: 0	Maximum: 85
Range: 0-85	Mean: 3.6
Invalid: 101	Standard deviation: 6.6

**MAT\FRAC\WHOLE NUMBERS\BEFORE (BTBMTB01)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5784
Format: numeric	Invalid: 1711
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\FRAC\WHOLE NUMBERS\THIS YEAR (BTBMTT01)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5784
Format: numeric	Invalid: 1711
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\FRAC\WHOLE NUMBERS\NOT KNOW (BTBMNT01)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5784
Format: numeric	Invalid: 1711
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	



**MAT\FRAC\FRAC UNDERSTANDING\BEFORE (BTBMTB02)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\FRAC\FRAC UNDERSTANDING\THIS YEAR (BTBMTT02)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\FRAC\FRAC UNDERSTANDING\NOT KNOW (BTBMNT02)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\FRAC\FRAC COMPUTATIONS\BEFORE (BTBMTB03)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\FRAC\FRAC COMPUTATIONS\THIS YEAR (BTBMTT03)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\FRAC\FRAC COMPUTATIONS\NOT KNOW (BTBMNT03)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\FRAC\DEC FRAC UNDERSTANDING\BEFORE (BTBMTB04)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5793  
 Invalid: 1702

**MAT\FRAC\DEC FRAC UNDERSTANDING\THIS YEA (BTBMTT04)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5792  
 Invalid: 1703

**MAT\FRAC\DEC FRAC UNDERSTANDING\NOT KNOW (BTBMNT04)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5792  
 Invalid: 1703

**MAT\FRAC\DEC FRAC COMPUTATIONS\BEFORE (BTBMTB05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

**MAT\FRAC\DEC FRAC COMPUTATIONS\BEFORE (BTBMTB05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5773  
 Invalid: 1722

**MAT\FRAC\DEC FRAC COMPUTATIONS\THIS YEAR (BTBM TT05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5773  
 Invalid: 1722

**MAT\FRAC\DEC FRAC COMPUTATIONS\NOT KNOW (BTBM NT05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5773  
 Invalid: 1722

**MAT\FRAC\RELATION BETW FRACS\BEFORE (BTBMTB06)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5787  
 Invalid: 1708

**MAT\FRAC\RELATION BETW FRACS\THIS YEAR (BTBM TT06)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5787  
 Invalid: 1708

**MAT\FRAC\RELATION BETW FRACS\NOT KNOW (BTBMNT06)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5787  
 Invalid: 1708

**MAT\FRAC\ROUNDING WHOLE NUMB\BEFORE (BTBMTB07)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5766  
 Invalid: 1729

**MAT\FRAC\ROUNDING WHOLE NUMB\THIS YEAR (BTBMNT07)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5766  
 Invalid: 1729

**MAT\FRAC\ROUNDING WHOLE NUMB\NOT KNOW (BTBMNT07)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5766  
 Invalid: 1729

**MAT\FRAC\ESTIMATING RESULTS\BEFORE (BTBMTB08)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5541  
 Invalid: 1954

**MAT\FRAC\ESTIMATING RESULTS\THIS YEAR (BTBMTT08)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5541  
 Invalid: 1954

**MAT\FRAC\ESTIMATING RESULTS\NOT KNOW (BTBMNT08)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5542  
 Invalid: 1953

**MAT\FRAC\NUMBER LINES\BEFORE (BTBMTB09)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5734  
 Invalid: 1761

**MAT\FRAC\NUMBER LINES\THIS YEAR (BTBMTT09)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5734  
 Invalid: 1761

**MAT\FRAC\NUMBER LINES\NOT KNOW (BTBMNT09)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5733  
 Invalid: 1762

**MAT\FRAC\PERC.: COMPUTS\BEFORE (BTBMTB10)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5788  
 Invalid: 1707

**MAT\FRAC\PERC.: COMPUTS\THIS YEAR (BTBMTT10)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5788  
 Invalid: 1707

**MAT\FRAC\PERC.: COMPUTS\NOT KNOW (BTBMNT10)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5788  
 Invalid: 1707

**MAT\FRAC\NEGATIVE NUMBERS\BEFORE (BTBMTB11)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5777  
 Invalid: 1718

**MAT\FRAC\NEGATIVE NUMBERS\THIS YEAR (BTBMTT11)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5773  
 Invalid: 1722

**MAT\FRAC\NEGATIVE NUMBERS\NOT KNOW (BTBMNT11)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5773  
 Invalid: 1722

**MAT\FRAC\SQUARE ROOTS, EXPONENTS\BEFORE (BTBMTB12)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5784  
 Invalid: 1711

**MAT\FRAC\SQUARE ROOTS, EXPONENTS\THIS YE (BTBMTT12)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5784  
 Invalid: 1711

**MAT\FRAC\SQUARE ROOTS, EXPONENTS\NOT KNO (BTBMNT12)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5784  
 Invalid: 1711

**MAT\MEAS\UNITS\BEFORE (BTBMTB13)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5757  
 Invalid: 1738

**MAT\MEAS\UNITS\THIS YEAR (BTBMTT13)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5757  
 Invalid: 1738

**MAT\MEAS\UNITS\NOT KNOW (BTBMNT13)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5757  
 Invalid: 1738

**MAT\MEAS\MEASUREMENT INSTR.\BEFORE (BTBMTB14)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5747  
 Invalid: 1748

**MAT\MEAS\MEASUREMENT INSTR.\THIS YEAR (BTBMTT14)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5747  
 Invalid: 1748

**MAT\MEAS\MEASUREMENT INSTR.\NOT KNOW (BTBMNT14)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5747  
 Invalid: 1748



**MAT\MEAS\ESTIMATES AND ACCURACY\BEFORE (BTBMTB15)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5691  
 Invalid: 1804

**MAT\MEAS\ESTIMATES AND ACCURACY\THIS YEA (BTBMTT15)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5691  
 Invalid: 1804

**MAT\MEAS\ESTIMATES AND ACCURACY\NOT KNOW (BTBMNT15)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5691  
 Invalid: 1804

**MAT\MEAS\PERIMTR SIMPLE SHAPE\BEFORE (BTBMTB16)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5761  
 Invalid: 1734

**MAT\MEAS\PERIMTR SIMPLE SHAPE\THIS YEAR (BTBMTT16)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

**MAT\MEAS\PERIMTR SIMPLE SHAPE\THIS YEAR (BTBMTT16)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5761  
 Invalid: 1734

**MAT\MEAS\PERIMTR SIMPLE SHAPE\NOT KNOW (BTBMNT16)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5761  
 Invalid: 1734

**MAT\MEAS\PERIMTR COMBND SHAPE\BEFORE (BTBMTB17)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5738  
 Invalid: 1757

**MAT\MEAS\PERIMTR COMBND SHAPE\THIS YEAR (BTBMTT17)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5738  
 Invalid: 1757

**MAT\MEAS\PERIMTR COMBND SHAPE\NOT KNOW (BTBMNT17)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5738  
 Invalid: 1757

**MAT\MEAS\VOLUME OF SOLIDS\BEFORE (BTBMTB18)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5792  
 Invalid: 1703

**MAT\MEAS\VOLUME OF SOLIDS\THIS YEAR (BTBMTT18)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5786  
 Invalid: 1709

**MAT\MEAS\VOLUME OF SOLIDS\NOT KNOW (BTBMNT18)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5786  
 Invalid: 1709

**MAT\GEO\CARTESIAN COORD.\BEFORE (BTBMTB19)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5722  
 Invalid: 1773

**MAT\GEO\CARTESIAN COORD.\THIS YEAR (BTBMTT19)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5721  
 Invalid: 1774

**MAT\GEO\CARTESIAN COORD.\NOT KNOW (BTBMNT19)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5721  
 Invalid: 1774

**MAT\GEO\COORDINATES ON A LINE\BEFORE (BTBMTB20)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5672  
 Invalid: 1823

**MAT\GEO\COORDINATES ON A LINE\THIS YEAR (BTBMNT20)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5670  
 Invalid: 1825

**MAT\GEO\COORDINATES ON A LINE\NOT KNOW (BTBMNT20)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5670  
 Invalid: 1825

**MAT\GEO\TWO DIM. GEOMETRY\BEFORE (BTBMTB21)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5779  
 Invalid: 1716

**MAT\GEO\TWO DIM. GEOMETRY\THIS YEAR (BTBMTT21)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5779  
 Invalid: 1716

**MAT\GEO\TWO DIM. GEOMETRY\NOT KNOW (BTBMNT21)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5779  
 Invalid: 1716

**MAT\GEO\CONGRUENCE+SIMILARITY\BEFORE (BTBMTB22)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5762  
 Invalid: 1733

**MAT\GEO\CONGRUENCE+SIMILARITY\THIS YEAR (BTBMTT22)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5762  
 Invalid: 1733

**MAT\GEO\CONGRUENCE+SIMILARITY\NOT KNOW (BTBMNT22)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5762  
 Invalid: 1733

**MAT\GEO\SYMMETRY+TRANSFORM.\BEFORE (BTBMTB23)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\GEO\SYMMETRY+TRANSFORM.\THIS YEAR (BTBMTT23)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\GEO\SYMMETRY+TRANSFORM.\NOT KNOW (BTBMNT23)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\GEO\3-D-SHAPES\BEFORE (BTBMTB24)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5729  
 Invalid: 1766

**MAT\GEO\3-D-SHAPES\THIS YEAR (BTBMTT24)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5729  
 Invalid: 1766

**MAT\GEO\3-D-SHAPESNOT KNOW (BTBMNT24)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5729  
 Invalid: 1766

**MAT\PROP\SCALES APPLIED TO MAPS\BEFORE (BTBMTB25)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5763  
 Invalid: 1732

**MAT\PROP\SCALES APPLIED TO MAPS\THIS YEA (BTBMTT25)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5763  
 Invalid: 1732

**MAT\PROP\SCALES APPLIED TO MAPS\NOT KNOW (BTBMNT25)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5763  
 Invalid: 1732

**MAT\PROP\RATIO AND PROPORTION\BEFORE (BTBMTB26)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5819  
 Invalid: 1676

**MAT\PROP\RATIO AND PROPORTION\THIS YEAR (BTBMTT26)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5819  
 Invalid: 1676

**MAT\PROP\RATIO AND PROPORTION\NOT KNOW (BTBMNT26)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5819  
 Invalid: 1676

**MAT\ALG\NUMBER PATTERNS\BEFORE (BTBMTB27)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5753  
 Invalid: 1742

**MAT\ALG\NUMBER PATTERNS\THIS YEAR (BTBMTT27)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5753  
 Invalid: 1742

**MAT\ALG\NUMBER PATTERNS\NOT KNOW (BTBMNT27)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5753  
 Invalid: 1742



**MAT\ALG\ALGEBRAIC EXPRESSIONS\BEFORE (BTBMTB28)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\ALG\ALGEBRAIC EXPRESSIONS\THIS YEAR (BTBMTT28)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\ALG\ALGEBRAIC EXPRESSIONS\NOT KNOW (BTBMNT28)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 1686

**MAT\ALG\REPRESENT SITUATIONS\BEFORE (BTBMTB29)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\ALG\REPRESENT SITUATIONS\THIS YEAR (BTBMTT29)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\ALG\REPRESENT SITUATIONS\NOT KNOW (BTBMNT29)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5778  
 Invalid: 1717

**MAT\ALG\SOLVING EQUATIONS\BEFORE (BTBMTB30)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5815  
 Invalid: 1680

**MAT\ALG\SOLVING EQUATIONS\THIS YEAR (BTBMNT30)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5815  
 Invalid: 1680

**MAT\ALG\SOLVING EQUATIONS\NOT KNOW (BTBMNT30)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5815  
 Invalid: 1680

**MAT\ALG\SOLVING INEQUALITIES\BEFORE (BTBMTB31)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5785  
 Invalid: 1710

**MAT\ALG\SOLVING INEQUALITIES\THIS YEAR (BTBMTT31)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5785  
 Invalid: 1710

**MAT\ALG\SOLVING INEQUALITIES\NOT KNOW (BTBMNT31)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5785  
 Invalid: 1710

**MAT\DATA\REPRESENT+INTERPRET\BEFORE (BTBMTB32)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5811  
 Invalid: 1684

**MAT\DATA\REPRESENT+INTERPRET\THIS YEAR (BTBMTT32)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5811  
 Invalid: 1684

**MAT\DATA\REPRESENT+INTERPRET\NOT KNOW (BTBMNT32)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5811  
 Invalid: 1684

**MAT\DATA\ARITHMETIC MEAN\BEFORE (BTBMTB33)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5821  
 Invalid: 1674

**MAT\DATA\ARITHMETIC MEAN\THIS YEAR (BTBMNTT33)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5821  
 Invalid: 1674

**MAT\DATA\ARITHMETIC MEAN\NOT KNOW (BTBMNT33)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5821  
 Invalid: 1674

**MAT\DATA\SIMPLE PROBABILITIES\BEFORE (BTBMTB34)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\DATA\SIMPLE PROBABILITIES\THIS YEAR (BTBMNTT34)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\DATA\SIMPLE PROBABILITIES\NOT KNOW (BTBMNT34)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 1697

**MAT\CLSS\DIFFERENT ACADEMIC ABILITIES (BTBMLM01)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6834  
 Invalid: 661

**MAT\CLSS\WIDE RANGE OF BACKGROUNDS (BTBMLM02)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6828  
 Invalid: 667

**MAT\CLSS\SPECIAL NEEDS (BTBMLM03)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6801  
 Invalid: 694

**MAT\CLSS\UNINTERESTED STUDENTS (BTBMLM04)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6860  
 Invalid: 635

**MAT\CLSS\DISRUPTIVE STUDENTS (BTBMLM05)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6845  
 Invalid: 650

**MAT\CLSS\PARENTS INTRESTD IN PROGRSS (BTBMLM06)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6809  
 Invalid: 686

**MAT\CLSS\PARENTS UNINTRESTD IN PROGR (BTBMLM07)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6818  
 Invalid: 677

**MAT\CLSS\SHORTGE OF COMPUTR HARDWARE (BTBMLM08)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6704  
 Invalid: 791

**MAT\CLSS\SHORTGE OF COMPUTR SOFTWARE (BTBMLM09)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6696  
 Invalid: 799

**MAT\CLSS\SHORTGE OF INSTR EQUIPMENT (BTBMLM10)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6796  
 Invalid: 699

**MAT\CLSS\SHORTGE OF DEMNSTR EQUIPMNT (BTBMLM11)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6819  
 Invalid: 676

**MAT\CLSS\INADEQUATE PHYSICL FACILITS (BTBMLM12)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6780  
 Invalid: 715

**MAT\CLSS\HIGH STUDENT TEACHER RATIO (BTBMLM13)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6756  
 Invalid: 739

**MAT\CLSS\LOW MORAL AMONG STAFF (BTBMLM14)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6788  
 Invalid: 707

**MAT\CLSS\LOW MORAL AMONG STUDENTS (BTBMLM15)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6819  
 Invalid: 676

**MAT\CLSS\THREATS 2 PERS OR STDT SFTY (BTBMLM16)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6799  
 Invalid: 696

**MAT\HOMEWORK FREQUENCY (BTBMHWM2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6879  
 Invalid: 616

**MAT\AVERAGE TIME NEEDED FOR HOMEWK (BTBMHWMA)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6803  
 Invalid: 692

**MAT\HOMEWORK\WORKSHEETS OR -BOOK (BTBMWKBR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6759  
 Invalid: 736



**MAT\HOMEWORK\TEXTBOOK PROBLEMS (BTBMPROR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6821  
 Invalid: 674

**MAT\HOMEWORK\TEXTBOOK READING (BTBMREAR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6769  
 Invalid: 726

**MAT\HOMEWORK\WRITING ASSIGNMENT (BTBMWRIR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6780  
 Invalid: 715

**MAT\HOMEWORK\SMALL INVESTIGATIONS (BTBMDATR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6789  
 Invalid: 706

**MAT\HOMEWORK\INDIVIDUAL PROJECTS (BTBMIEXR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6795  
 Invalid: 700

**MAT\HOMEWORK\SMALL GROUP PROJECTS (BTBMGEXR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6790  
 Invalid: 705

**MAT\HOMEWORK\FIND USES OF CONTENT (BTBMFINR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6759  
 Invalid: 736

**MAT\HOMEWORK\PREPARE ORAL REPORTS (BTBMORAR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6807  
 Invalid: 688

**MAT\HOMEWORK\KEEP A JOURNAL (BTBMJORR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6765  
 Invalid: 730

**MAT\WRITTEN HMWK\DO NOT ASSIGN (BTBMWHNA)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6731  
 Invalid: 764

**MAT\WRITTEN HMWK\RECORD COMPLETION (BTBMWHR1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6543  
 Invalid: 952

**MAT\WRITTEN HMWK\KEEP ASSIGNMENTS (BTBMWHR2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6475  
 Invalid: 1020

**MAT\WRITTEN HMWK\RETURN ASSIGNMENTS (BTBMWHR3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6555  
 Invalid: 940

**MAT\WRITTEN HMWK\FEEDBACK TO CLASS (BTBMWHR4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6535  
 Invalid: 960

**MAT\WRITTEN HMWK\STUDENTS CORRECT OWN (BTBMWHR5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 6568  
 Invalid: 927

## **MAT\WRITTEN HMWK\STUDENTS CORRECT OTHER (BTBMWHR6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 6561  
Invalid: 934

## **MAT\WRITTEN HMWK\BASIS FOR DISCUSSION (BTBMWHR7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 6582  
Invalid: 913

## **MAT\WRITTEN HMWK\GRADE CONTRIBUTION (BTBMWHR8)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 6579  
Invalid: 916

## **MAT\ASSMNT WEIGHT\STANDARD TESTS (BTBMWGT1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 6602  
Invalid: 893

## **MAT\ASSMNT WEIGHT\REASONING TESTS (BTBMWGT2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

### **Overview**

**MAT\ASSMNT WEIGHT\REASONING TESTS (BTBMWGT2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6832  
 Invalid: 663

**MAT\ASSMNT WEIGHT\MULTIPLE CHOICE (BTBMWGT3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6793  
 Invalid: 702

**MAT\ASSMNT WEIGHT\HOMEWORK PERFRMNC (BTBMWGT4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6813  
 Invalid: 682

**MAT\ASSMNT WEIGHT\PROJECT PERFORMNCE (BTBMWGT5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6678  
 Invalid: 817

**MAT\ASSMNT WEIGHT\OBSERVATION (BTBMWGT6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6796  
 Invalid: 699

**MAT\ASSMNT WEIGHT\RESPONSES IN CLASS (BTBMWGT7)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6842  
 Invalid: 653

**GEN\FREQUENCY\PROVIDE GRADES (BTBGASS1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6693  
 Invalid: 802

**GEN\FREQUENCY\PROVIDE FEEDBACK (BTBGASS2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6640  
 Invalid: 855

**GEN\FREQUENCY\DIAGNOSE PROBLEMS (BTBGASS3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6695  
 Invalid: 800

**GEN\FREQUENCY\REPORT TO PARENTS (BTBGASS4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6702  
 Invalid: 793

**GEN\FREQUENCY\ASSIGN DIFFERNT TRACKS (BTBGASS5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6683  
 Invalid: 812

**GEN\FREQUENCY\PLAN FUTURE LESSONS (BTBGASS6)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6716  
 Invalid: 779

**GEN\TOTAL HOURS TEACH. TIME (FROM DPC) (BTDGSUBT)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-80

Valid cases: 7014  
 Invalid: 481  
 Minimum: 1  
 Maximum: 80  
 Mean: 22  
 Standard deviation: 7.8

**GEN\TOTAL HOURS PERF. OTHER TASKS (DPC) (BTDGTSKT)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-77

Valid cases: 6523  
 Invalid: 972  
 Minimum: 0  
 Maximum: 77  
 Mean: 9.9  
 Standard deviation: 10.4

**MAT\HAVE BA OR MASTERS IN MATH (BTDMMGRD)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6691  
 Invalid: 804

**MAT\QUALIFICATION TO TEACH MATH (BTDMQUA)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6188  
 Invalid: 1307

**MAT\INDEX OF CONFIDENCE TO TEACH MATH (BTDMCPTM)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6290  
 Invalid: 1205

**MAT\PERC. MATH TOPICS PREPARED TO TEACH (BTDMTPTT)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 0-100

Valid cases: 6290  
 Invalid: 1205  
 Minimum: 0  
 Maximum: 100  
 Mean: 73.8  
 Standard deviation: 31.2

**MAT\AVERAGE CLASS SIZE (BTDMSIZE)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-95

Valid cases: 6325  
 Invalid: 1170  
 Minimum: 1  
 Maximum: 95  
 Mean: 28.8  
 Standard deviation: 11.7

**MAT\MATH CLASS SIZE IN 3 CATEGORIES (BTDMSZ3C)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6325  
 Invalid: 1170



**MAT\INDEX:EMPHASIS ON PROB.SOLVING (BTDMERPS)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6911  
 Invalid: 584

**MAT\INDEX:EMPHASIS ON MATH HOMEWORK (BTDMEMH)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 7346  
 Invalid: 149

**GEN\MAJOR AREA OF STUDY FOR DEG:Math (BTDGMMJ1)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6876  
 Invalid: 619

**GEN\MAJOR AREA OF STUDY FOR DEG:Science (BTDGMMJ2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6231  
 Invalid: 1264

**GEN\MAJOR AREA OF STUDY FOR DEG:Educatio (BTDGMMJ3)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6731  
 Invalid: 764

**GEN\MAJOR AREA OF STUDY FOR DEG:Other (BTDGMMJ4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**GEN\MAJOR AREA OF STUDY FOR DEG:Other (BTDGMMJ4)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6590  
 Invalid: 905

**GEN\MAJOR AREA OF STUDY FOR DEG:Math Onl (BTDGMMJ5)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6540  
 Invalid: 955

**MAT\HRS/WK TEACHING MATH (BTDMHTM)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 3  
 Range: 0.333-10

Valid cases: 6602  
 Invalid: 893  
 Minimum: 0.3  
 Maximum: 10  
 Mean: 3.6  
 Standard deviation: 1.4

**MAT\TEACHING MATH TIME /WK IN 4 CAT. (BTDMTIME)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6602  
 Invalid: 893

**MAT\NEVER OR HARDLY EVER USE CALCUL. (BTDMCALC)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 7495  
 Invalid: 0

**MAT\AMOUNT OF MATH HOMEWORK (BTDMHWK)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99

Valid cases: 6823  
 Invalid: 672

**MAT\HOMEWORK BASED ON PROJ. AND INVEST (BTDMHWK2)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 6818  
 Invalid: 677

**GEN\PERC. SCHOOL TIME TEACHING ANYTHING (BTDGTTIM)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 2.597-100

Valid cases: 6414  
 Invalid: 1081  
 Minimum: 2.6  
 Maximum: 100  
 Mean: 72.8  
 Standard deviation: 20.5

**MAT\PERC. OF SCHOOL TIME TEACHING MATH (BTDMTTIM)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 4.255-100

Valid cases: 6390  
 Invalid: 1105  
 Minimum: 4.3  
 Maximum: 100  
 Mean: 60.1  
 Standard deviation: 24.6

**GEN\PERC. OF SCHOOL TIME CURRI.PLANNING (BTDCPLN)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 3  
 Range: 0-76.623

Valid cases: 6116  
 Invalid: 1379  
 Minimum: 0  
 Maximum: 76.6  
 Mean: 8.7  
 Standard deviation: 10.3

**GEN\PERC. OF SCHOOL TIME ADMIN. DUTIES (BTDGADMN)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6250
Format: numeric	Invalid: 1245
Width: 6	Minimum: 0
Decimals: 3	Maximum: 90.9
Range: 0-90.909	Mean: 3.6
	Standard deviation: 8

**GEN\PERC. OF SCHOOL TIME OTHER ACTIVIT. (BTDGOTHR)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6412
Format: numeric	Invalid: 1083
Width: 6	Minimum: 0
Decimals: 3	Maximum: 87.8
Range: 0-87.755	Mean: 15.4
	Standard deviation: 13.8

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Math Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7495
Format: numeric	Invalid: 0
Width: 5	Minimum: 60601
Decimals: 0	Maximum: 62101
Range: 60601-62101	Mean: 60641.9
	Standard deviation: 225.6

**\*VERSION NUMBER\* (VERSION)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 50-50

Valid cases: 6515  
 Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 4-12700

Valid cases: 6515  
 Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 6515  
 Invalid: 0

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-933

Valid cases: 6515  
 Invalid: 0  
 Minimum: 1  
 Maximum: 933  
 Mean: 129.2  
 Standard deviation: 145.7

**GEN\TYPE OF COMMUNITY (BCBGCOMM)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5812  
 Invalid: 703

**GEN\STAFF\PRINCIPALS (BCBGFTE1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5647
Format: numeric	Invalid: 868
Width: 5	Minimum: 0.1
Decimals: 1	Maximum: 10
Range: 0.1-10	Mean: 1
Invalid: 101	Standard deviation: 0.5

**GEN\STAFF\ASSISTANT PRINCIPALS (BCBGFTE2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5708
Format: numeric	Invalid: 807
Width: 5	Minimum: 0
Decimals: 1	Maximum: 25
Range: 0-25	Mean: 1.5
Invalid: 101	Standard deviation: 1.6

**GEN\STAFF\DEPARTMENT HEADS (BCBGFTE3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4875
Format: numeric	Invalid: 1640
Width: 5	Minimum: 0
Decimals: 1	Maximum: 41
Range: 0-41	Mean: 3.8
Invalid: 101	Standard deviation: 5

**GEN\STAFF\CLASSROOM TEACHERS (BCBGFTE4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5528
Format: numeric	Invalid: 987
Width: 6	Minimum: 0.1
Decimals: 1	Maximum: 777
Range: 0.1-777	Mean: 43.2
Invalid: 1001	Standard deviation: 35.3

**GEN\STAFF\TEACHER AIDES (BCBGFTE5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5136
Format: numeric	Invalid: 1379
Width: 5	Minimum: 0
Decimals: 1	Maximum: 91
Range: 0-91	Mean: 1.4
Invalid: 101	Standard deviation: 4.4

**GEN\STAFF\LABORATORY TECHNICIANS (BCBGFTE6)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5435
Format: numeric	Invalid: 1080
Width: 5	Minimum: 0
Decimals: 1	Maximum: 69
Range: 0-69	Mean: 0.8
Invalid: 101	Standard deviation: 1.8

**GEN\STAFF\LEARNING SPECIALISTS (BCBGFTE7)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4853
Format: numeric	Invalid: 1662
Width: 6	Minimum: 0
Decimals: 1	Maximum: 100
Range: 0-100	Mean: 1
Invalid: 1001	Standard deviation: 3.8

**GEN\STAFF\OTHER PROFESSIONAL STAFF (BCBGFTE8)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5534
Format: numeric	Invalid: 981
Width: 5	Minimum: 0
Decimals: 1	Maximum: 98
Range: 0-98	Mean: 3.8
Invalid: 101	Standard deviation: 8.6

**GEN\NUMBER OF FULL-TIME TEACHERS (BCBGFTTE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5738
Format: numeric	Invalid: 777
Width: 4	Minimum: 0
Decimals: 0	Maximum: 777
Range: 0-777	Mean: 41.3
Invalid: 1001	Standard deviation: 33.2

**GEN\NUMBER OF PART-TIME TEACHERS (BCBGPTTE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5733
Format: numeric	Invalid: 782
Width: 4	Minimum: 0
Decimals: 0	Maximum: 296
Range: 0-296	Mean: 6.7
Invalid: 1001	Standard deviation: 14.3

**GEN\TEACHER AT SCHOOL FOR 5+ YEARS (BCBGTE5Y)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5649
Format: numeric	Invalid: 866
Width: 4	Minimum: 0
Decimals: 0	Maximum: 152
Range: 0-152	Mean: 60.2
Invalid: 1001	Standard deviation: 29.4

**MAT\TIME STUDENTS STAY WITH TEACHER MATH (BCBMTSA1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5346
Format: numeric	Invalid: 1169
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\TIME STUDENTS STAY WITH TEACHER SCI (BCBSTSA2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 3504
Format: numeric	Invalid: 3011
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\TIME STUDENTS STAY WITH TEACHER BIO (BCBSTSA3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 2681
Format: numeric	Invalid: 3834
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\TIME STUDENTS STAY WITH TEACHER CHEM (BCBSTSA4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 1970
Format: numeric	Invalid: 4545
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	



**SCI\TIME STUDENTS STAY WITH TEACHER EART (BCBSTSA5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 2422  
 Invalid: 4093

**SCI\TIME STUDENTS STAY WITH TEACHER PHYS (BCBSTSA6)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 2651  
 Invalid: 3864

**GEN\COOPERATION\OFFICIAL POLICY (BCBGCOL1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5721  
 Invalid: 794

**GEN\COOPERATION\ENCOURAGED (BCBGCOL2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5743  
 Invalid: 772

**GEN\COOPERATION\REGULAR MEETINGS (BCBGCOL3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5742  
 Invalid: 773

**GEN\PRINCIPAL\HIRE TEACHERS (BCBGAC01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5146
Format: numeric	Invalid: 1369
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 2.6
Invalid: 101	Standard deviation: 4.6

**GEN\PRINCIPAL\REPRESENT\COMMUNITY (BCBGAC02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5339
Format: numeric	Invalid: 1176
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 7
Invalid: 101	Standard deviation: 7.4

**GEN\PRINCIPAL\REPRESENT\OFFCL MEETNG (BCBGAC03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5340
Format: numeric	Invalid: 1175
Width: 3	Minimum: 0
Decimals: 0	Maximum: 75
Range: 0-75	Mean: 8.7
Invalid: 101	Standard deviation: 8.1

**GEN\PRINCIPAL\INTERNAL ADMINISTRATN (BCBGAC04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5246
Format: numeric	Invalid: 1269
Width: 4	Minimum: 0
Decimals: 0	Maximum: 160
Range: 0-160	Mean: 34.4
Invalid: 1001	Standard deviation: 31.4

**GEN\PRINCIPAL\TEACHING + PREPARATION (BCBGAC05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5009
Format: numeric	Invalid: 1506
Width: 4	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 16.2
Invalid: 1001	Standard deviation: 21.3

**GEN\PRINCIPAL\DEMONSTRATION LESSON (BCBGAC06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5010
Format: numeric	Invalid: 1505
Width: 3	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	Mean: 1.7
Invalid: 101	Standard deviation: 4.1

**GEN\PRINCIPAL\DISCUSS WITH TEACHERS (BCBGAC07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5335
Format: numeric	Invalid: 1180
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 10.1
Invalid: 101	Standard deviation: 9.3

**GEN\PRINCIPAL\CURRICULUM REVISION (BCBGAC08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5129
Format: numeric	Invalid: 1386
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 7.2
Invalid: 101	Standard deviation: 7.8

**GEN\PRINCIPAL\TALK WITH PARENTS (BCBGAC09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5330
Format: numeric	Invalid: 1185
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 11.8
Invalid: 101	Standard deviation: 10.1

**GEN\PRINCIPAL\COUNSELING STUDENTS (BCBGAC10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5325
Format: numeric	Invalid: 1190
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 13
Invalid: 101	Standard deviation: 11.6

**GEN\PRINCIPAL\RESPONDING TO REQUESTS (BCBGAC11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5320
Format: numeric	Invalid: 1195
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 10.7
Invalid: 101	Standard deviation: 10.6

**GEN\PRINCIPAL\TRAIN TEACHERS (BCBGAC12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5166
Format: numeric	Invalid: 1349
Width: 3	Minimum: 0
Decimals: 0	Maximum: 72
Range: 0-72	Mean: 5.7
Invalid: 101	Standard deviation: 6.7

**GEN\PRINCIPAL\PROFESSIONAL DEVELOPMNT (BCBGAC13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5311
Format: numeric	Invalid: 1204
Width: 3	Minimum: 0
Decimals: 0	Maximum: 75
Range: 0-75	Mean: 9.7
Invalid: 101	Standard deviation: 9.3

**GEN\PRINCIPAL\OTHER ACTIVITIES (BCBGAC14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4849
Format: numeric	Invalid: 1666
Width: 4	Minimum: 0
Decimals: 0	Maximum: 200
Range: 0-200	Mean: 15.2
Invalid: 1001	Standard deviation: 19

**GEN\RESPONSIBLE\HIRE TEACHERS (BCBGRP01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5625
Format: numeric	Invalid: 890
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\RESPONSIBLE\DISCIPLINARY POLICY (BCBGRP02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5556  
 Invalid: 959

**GEN\RESPONSIBLE\GRADING POLICY (BCBGRP03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5517  
 Invalid: 998

**GEN\RESPONSIBLE\SCHOOL BUDGET (BCBGRP04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5582  
 Invalid: 933

**GEN\RESPONSIBLE\PURCHASE SUPPLIES (BCBGRP05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5514  
 Invalid: 1001

**GEN\RESPONSIBLE\PLACE STUDENTS (BCBGRP06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5559  
 Invalid: 956

**GEN\RESPONSIBLE\ASSIGN TEACHERS (BCBGRP07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5624  
 Invalid: 891

**GEN\RESPONSIBLE\DETERMINE TEXTBOOKS (BCBGRP08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5611  
 Invalid: 904

**GEN\RESPONSIBLE\HOMEWORK POLICY (BCBGRP09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5584  
 Invalid: 931

**GEN\RESPONSIBLE\TEACHER SALARIES (BCBGRP10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5521  
 Invalid: 994

**GEN\RESPONSIBLE\COMMUNITY RELATIONS (BCBGRP11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5558  
 Invalid: 957

**GEN\RESPONSIBLE\STUDENTS' FAMILIES (BCBGRP12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5500  
 Invalid: 1015

**GEN\RESPONSIBLE\COURSE CONTENT (BCBGRP13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5558  
 Invalid: 957

**GEN\RESPONSIBLE\COURSE OFFERINGS (BCBGRP14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5540  
 Invalid: 975

**GEN\INFLUENCE\NATIONAL COUNCIL (BCBGIF01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5321  
 Invalid: 1194

**GEN\INFLUENCE\NATIONAL ASSOCIATION (BCBGIF02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4590  
 Invalid: 1925

**GEN\INFLUENCE\EDUCATIONAL REGION (BCBGIF03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4767  
 Invalid: 1748

**GEN\INFLUENCE\SCHOOL GOVERNING BOARD (BCBGIF04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4854  
 Invalid: 1661

**GEN\INFLUENCE\PRINCIPAL OR HEAD (BCBGIF05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5408  
 Invalid: 1107

**GEN\INFLUENCE\SCHOOL TEACHERS (BCBGIF06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5420  
 Invalid: 1095

**GEN\INFLUENCE\SUBJECT TEACHERS (BCBGIF07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5474  
 Invalid: 1041



**GEN\INFLUENCE\TEACHER INDIVIDUALLY (BCBGIF08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5466  
 Invalid: 1049

**GEN\INFLUENCE\PARENTS (BCBGIF09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5439  
 Invalid: 1076

**GEN\INFLUENCE\STUDENTS (BCBGIF10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5429  
 Invalid: 1086

**GEN\INFLUENCE\RELIGIOUS GROUPS (BCBGIF11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5124  
 Invalid: 1391

**GEN\INFLUENCE\BUSINESS COMMUNITY (BCBGIF12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5258  
 Invalid: 1257

**GEN\INFLUENCE\TEXTBOOK PUBLISHERS (BCBGIF13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5385  
 Invalid: 1130

**GEN\INFLUENCE\EXTERNAL EXAMS (BCBGIF14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5264  
 Invalid: 1251

**GEN\INFLUENCE\TEACHER UNIONS (BCBGIF15)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5442  
 Invalid: 1073

**MAT\OWN SCHOOL CURRICULUM CONTENT (BCBMCURR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5844  
 Invalid: 671

**SCI\OWN SCHOOL CURRICULUM CONTENT (BCBSCURR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5836  
 Invalid: 679

**MAT\DEVELOPED INSTRUCTIONAL ACTIVITIES (BCBMDVLP)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5702  
 Invalid: 813

**SCI\DEVELOPED INSTRUCTIONAL ACTIVITIES (BCBSDVLP)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5701  
 Invalid: 814

**GEN\SHORTAGE\INSTRUCTIONAL MATERIALS (BCBGST01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5823  
 Invalid: 692

**GEN\SHORTAGE\BUDGET FOR SUPPLIES (BCBGST02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5815  
 Invalid: 700

**GEN\SHORTAGE\SCHOOL BUILDINGS (BCBGST03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5812  
 Invalid: 703

**GEN\SHORTAGE\HEATING AND LIGHTING (BCBGST04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5831  
 Invalid: 684

**GEN\SHORTAGE\INSTRUCTIONAL SPACE (BCBGST05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5828  
 Invalid: 687

**GEN\SHORTAGE\HANDICAPPED FACILITIES (BCBGST06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5661  
 Invalid: 854

**MAT\SHORTAGE\COMPUTER HARDWARE (BCBMST07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5803  
 Invalid: 712

**MAT\SHORTAGE\COMPUTER SOFTWARE (BCBMST08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5798  
 Invalid: 717

**MAT\SHORTAGE\CALCULATORS (BCBMST09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5810  
 Invalid: 705

**MAT\SHORTAGE\LIBRARY MATERIALS (BCBMST10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5826  
 Invalid: 689

**MAT\SHORTAGE\AUDIO-VISUAL RESOURCES (BCBMST11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 706

**SCI\SHORTAGE\LABORATORY EQUIPMENT (BCBSST12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 706

**SCI\SHORTAGE\COMPUTER HARDWARE (BCBSST13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5809  
 Invalid: 706

**SCI\SHORTAGE\COMPUTER SOFTWARE (BCBSST14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5789  
 Invalid: 726

**SCI\SHORTAGE\CALCULATORS (BCBSST15)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5772  
 Invalid: 743

**SCI\SHORTAGE\LIBRARY MATERIALS (BCBSST16)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5810  
 Invalid: 705

**SCI\SHORTAGE\AUDIO-VISUAL RESOURCES (BCBSST17)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5802  
 Invalid: 713

**MAT\SHORTAGE\TEACHERS QUALIFIED MATH (BCBSST18)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5812  
 Invalid: 703

**SCI\SHORTAGE\TEACHERS QUALIFIED SCI (BCBSST19)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4205  
 Invalid: 2310

**SCI\SHORTAGE\TEACHERS QUALIFIED BIO (BCBSST20)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3686  
 Invalid: 2829

**SCI\SHORTAGE\TEACHERS QUALIFIED CHEM (BCBSST21)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3095  
 Invalid: 3420

**SCI\SHORTAGE\TEACHERS QUALIFIED EARTH (BCBSST22)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3036  
 Invalid: 3479

**SCI\SHORTAGE\TEACHERS QUALIFIED PHYSICS (BCBSST23)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3666  
 Invalid: 2849

**GEN\TOTAL SCHOOL ENROLLMENT\BOYS (BCBGBENR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5668
Format: numeric	Invalid: 847
Width: 6	Minimum: 0
Decimals: 0	Maximum: 11174
Range: 0-11174	Mean: 434.2
Invalid: 100001	Standard deviation: 415.6

**GEN\TOTAL SCHOOL\ENROLLMENT\GIRLS (BCBGGENR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5669
Format: numeric	Invalid: 846
Width: 6	Minimum: 0
Decimals: 0	Maximum: 11649
Range: 0-11649	Mean: 426.3
Invalid: 100001	Standard deviation: 426.2

**GEN\STUDENT\PERC ABSENT (BCBGABST)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5717
Format: numeric	Invalid: 798
Width: 3	Minimum: 0
Decimals: 0	Maximum: 48
Range: 0-48	Mean: 4.4
Invalid: 101	Standard deviation: 4.1

**GEN\STUDENT\PERC FINISHING SCHOOL YEAR (BCBGENDY)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5697
Format: numeric	Invalid: 818
Width: 4	Minimum: 51
Decimals: 0	Maximum: 100
Range: 51-100	Mean: 96.6
Invalid: 1001	Standard deviation: 5.1

**GEN\STUDENT\PERC TRANSFERRING INTO SCHL (BCBGTNSF)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5712
Format: numeric	Invalid: 803
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 3.4
Invalid: 101	Standard deviation: 5.3



**GEN\U-GRADE\ENROLLMENT\BOYS (BCBGUBER)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5490
Format: numeric	Invalid: 1025
Width: 5	Minimum: 0
Decimals: 0	Maximum: 3244
Range: 0-3244	Mean: 94.5
Invalid: 10001	Standard deviation: 120.9

**GEN\U-GRADE\ENROLLMENT\GIRLS (BCBGUGER)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5490
Format: numeric	Invalid: 1025
Width: 5	Minimum: 0
Decimals: 0	Maximum: 3047
Range: 0-3047	Mean: 90.4
Invalid: 10001	Standard deviation: 117

**GEN\U-GRADE\REPEATING GRADE\BOYS (BCBGUBRT)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5062
Format: numeric	Invalid: 1453
Width: 4	Minimum: 0
Decimals: 0	Maximum: 207
Range: 0-207	Mean: 4
Invalid: 1001	Standard deviation: 11.5

**GEN\U-GRADE\REPEATING GRADE\GIRLS (BCBGUGRT)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5062
Format: numeric	Invalid: 1453
Width: 4	Minimum: 0
Decimals: 0	Maximum: 211
Range: 0-211	Mean: 2.6
Invalid: 1001	Standard deviation: 8.7

**GEN\U-GRADE\AVERAGE CLASS SIZE (BCBGUSIZ)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5495
Format: numeric	Invalid: 1020
Width: 3	Minimum: 3
Decimals: 0	Maximum: 95
Range: 3-95	Mean: 30.5
Invalid: 101	Standard deviation: 10.4

**GEN\U-GRADE\# IN MULTI-GRADE CLASSRM (BCBGUMGR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4802
Format: numeric	Invalid: 1713
Width: 4	Minimum: 0
Decimals: 0	Maximum: 550
Range: 0-550	Mean: 4.8
Invalid: 1001	Standard deviation: 26.9

**GEN\COMPUTERS\STUDENT\INSTRUCTIONAL (BCBGCMPI1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5668
Format: numeric	Invalid: 847
Width: 4	Minimum: 0
Decimals: 0	Maximum: 450
Range: 0-450	Mean: 24.2
Invalid: 1001	Standard deviation: 37.3

**GEN\COMPUTERS\TEACHER\INSTRUCTION (BCBGCMPI2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5652
Format: numeric	Invalid: 863
Width: 4	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	Mean: 5
Invalid: 1001	Standard deviation: 12.7

**GEN\COMPUTERS\AVAILABLE (BCBGCMPI3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5644
Format: numeric	Invalid: 871
Width: 4	Minimum: 0
Decimals: 0	Maximum: 600
Range: 0-600	Mean: 29
Invalid: 1001	Standard deviation: 44.6

**GEN\SCHOOL ACCESS TO INTERNET (BCBGIAACC)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5794
Format: numeric	Invalid: 721
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\SCHOOL PLANNING INTERNET ACCESS (BCBGACPL)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3196  
 Invalid: 3319

**GEN\EXPECT SCHOOL INTERNET ACCESS (BCBGACYE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 1999-2050  
 Invalid: 10001, 10001

Valid cases: 1670  
 Invalid: 4845  
 Minimum: 1999  
 Maximum: 2050  
 Mean: 2000.6  
 Standard deviation: 2.6

**GEN\PERCENT COMPUTERS ACCESS TO E-MAIL (BCBGNAC2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 2533  
 Invalid: 3982

**GEN\PERCENT COMPUTERS ACCESS TO WWW (BCBGNAC3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 2495  
 Invalid: 4020

**GEN\AVAILABLE ON WWW\INFO ABOUT SCHOOL (BCBGWBI1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3021  
 Invalid: 3494

**GEN\AVAILABLE ON WWW\MATH CURRICULUM (BCBGWBI2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3020  
 Invalid: 3495

**GEN\AVAILABLE ON WWW\SCIENCE CURRICULUM (BCBGWBI3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3019  
 Invalid: 3496

**GEN\AVAILABLE ON WWW\MATH ACTIVITIES (BCBGWBI4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3020  
 Invalid: 3495

**GEN\AVAILABLE ON WWW\SCIENCE ACTIVITIES (BCBGWBI5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3019  
 Invalid: 3496

**GEN\BEHAVIOR\ARRIVE LATE AT SCHOOL (BCBGUF01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5669  
 Invalid: 846

**GEN\BEHAVIOR\SEV ARRIVE LATE AT SCHOOL (BCBGUS01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5479  
 Invalid: 1036

**GEN\BEHAVIOR\ABSENTEEISM (BCBGUF02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5659  
 Invalid: 856

**GEN\BEHAVIOUR\SEV ABSENTEEISM (BCBGUS02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5443  
 Invalid: 1072

**GEN\BEHAVIOR\SKIPPING CLASS (BCBGUF03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5649  
 Invalid: 866

**GEN\BEHAVIOR\SEV SKIPPING CLASS (BCBGUS03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5397  
 Invalid: 1118

**GEN\BEHAVIOR\VIOLATING DRESS CODE (BCBGUF04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5431  
 Invalid: 1084

**GEN\BEHAVIOR\SEV VIOLATING DRESS CODE (BCBGUS04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5203  
 Invalid: 1312

**GEN\BEHAVIOR\CLASSROOM DISTURBANCE (BCBGUF05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5649  
 Invalid: 866

**GEN\BEHAVIOR\SEV CLASSROOM DISTURBANCE (BCBGUS05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5410  
 Invalid: 1105

**GEN\BEHAVIOR\CHEATING (BCBGUF06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5651  
 Invalid: 864

**GEN\BEHAVIOR\SEV CHEATING (BCBGUS06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5394  
 Invalid: 1121

**GEN\BEHAVIOR\PROFANITY (BCBGUF07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5425  
 Invalid: 1090

**GEN\BEHAVIOR\SEV PROFANITY (BCBGUS07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5176  
 Invalid: 1339

**GEN\BEHAVIOR\VANDALISM (BCBGUF08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5668  
 Invalid: 847

**GEN\BEHAVIOR\SEV VANDALISM (BCBGUS08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5394  
 Invalid: 1121

**GEN\BEHAVIOR\THEFT (BCBGUF09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5673  
 Invalid: 842

**GEN\BEHAVIOR\SEV THEFT (BCBGUS09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5386  
 Invalid: 1129

**GEN\BEHAVIOR\INTIMIDATION OF STUDNTS (BCBGUF10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5658  
 Invalid: 857

**GEN\BEHAVIOR\SEV INTIMIDATION OF STUDNTS (BCBGUS10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5390  
 Invalid: 1125

**GEN\BEHAVIOR\INJURY TO STUDENTS (BCBGUF11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5671  
 Invalid: 844



**GEN\BEHAVIOR\SEV INJURY TO STUDENTS (BCBGUS11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5395  
 Invalid: 1120

**GEN\BEHAVIOR\INTIMIDATION OF TEACHRS (BCBGUF12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5663  
 Invalid: 852

**GEN\BEHAVIOR\SEV INTIMIDATN OF TEACHRS (BCBGUS12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5352  
 Invalid: 1163

**GEN\BEHAVIOR\INJURY TO TEACHERS (BCBGUF13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5680  
 Invalid: 835

**GEN\BEHAVIOR\SEV INJURY TO TEACHERS (BCBGUS13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5334  
 Invalid: 1181

**GEN\BEHAVIOR\TOBACCO USE (BCBGUF14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5560  
 Invalid: 955

**GEN\BEHAVIOR\SEV TOBACCO USE (BCBGUS14)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5283  
 Invalid: 1232

**GEN\BEHAVIOR\ALCOHOL USE (BCBGUF15)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5382  
 Invalid: 1133

**GEN\BEHAVIOR\SEV ALCOHOL USE (BCBGUS15)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5061  
 Invalid: 1454

**GEN\BEHAVIOR\ILLEGAL DRUG USE (BCBGUF16)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5511  
 Invalid: 1004

**GEN\BEHAVIOR\SEV ILLEGAL DRUG USE (BCBGUS16)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5202  
 Invalid: 1313

**GEN\BEHAVIOR\WEAPON USE (BCBGUF17)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5243  
 Invalid: 1272

**GEN\BEHAVIOR\SEV WEAPON USE (BCBGUS17)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4919  
 Invalid: 1596

**GEN\BEHAVIOR\INAPPROPRIATE SEXUAL (BCBGUF18)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5236  
 Invalid: 1279

**GEN\BEHAVIOR\SEV INAPPROPRIATE SEXUAL (BCBGUS18)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4922  
 Invalid: 1593

**GEN\U-GRADE\DAYS PER YEAR (BCBGUDYY)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5438
Format: numeric	Invalid: 1077
Width: 4	Minimum: 100
Decimals: 0	Maximum: 331
Range: 100-331	Mean: 193.8
Invalid: 1001	Standard deviation: 21.4

**GEN\U-GRADE\FULL DAYS PER WEEK (BCBGUFLW)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5438
Format: numeric	Invalid: 1077
Width: 2	Minimum: 0
Decimals: 0	Maximum: 6
Range: 0-6	Mean: 5
Invalid: 11	Standard deviation: 0.6

**GEN\U-GRADE\HALF DAYS PER WEEK (BCBGUHFHW)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5437
Format: numeric	Invalid: 1078
Width: 2	Minimum: 0
Decimals: 0	Maximum: 6
Range: 0-6	Mean: 0.2
Invalid: 11	Standard deviation: 0.6

**GEN\U-GRADE\# TOTAL HOURS PER WEEK (BCBGUTHW)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4881
Format: numeric	Invalid: 1634
Width: 3	Minimum: 10
Decimals: 0	Maximum: 75
Range: 10-75	Mean: 34.7
Invalid: 101	Standard deviation: 7.1

**GEN\U-GRADE\# INSTR HOURS PER WEEK (BCBGUIHW)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5000
Format: numeric	Invalid: 1515
Width: 3	Minimum: 10
Decimals: 0	Maximum: 60
Range: 10-60	Mean: 27.9
Invalid: 101	Standard deviation: 5.2

**GEN\DIVISION INTO INSTR HOURS (BCBGDIVI)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5682
Format: numeric	Invalid: 833
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\U-GRADE\INST PERIODS PER WEEK (BCBGUPDW)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5337
Format: numeric	Invalid: 1178
Width: 3	Minimum: 10
Decimals: 0	Maximum: 84
Range: 10-84	Mean: 32.6
Invalid: 101, 101	Standard deviation: 6.6

**GEN\U-GRADE\DURATION OF INSTR PERIOD (BCBGUTMP)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5668
Format: numeric	Invalid: 847
Width: 4	Minimum: 15
Decimals: 0	Maximum: 120
Range: 15-120	Mean: 47
Invalid: 1001, 1001	Standard deviation: 9.6

**MAT\ORGANIZE DIFFERENTLY\DIFFERENT LEVEL (BCBMODF1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5557
Format: numeric	Invalid: 958
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\ORGANIZE DIFFERENTLY\ABILITY (BCBMODF2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5517
Format: numeric	Invalid: 998
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\ORGANIZE DIFFERENTLY\ENRICHMENT (BCBMODF3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5521
Format: numeric	Invalid: 994
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\ORGANIZE DIFFERENTLY\REMEDIAL (BCBMODF4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5530
Format: numeric	Invalid: 985
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\ORGANIZE DIFFERENTLY\DIFF. CONTENT (BCBMODF5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5472
Format: numeric	Invalid: 1043
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\U-GRADE\COURSES AVAILABLE (BCBMUC3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 818
Format: numeric	Invalid: 5697
Width: 3	Minimum: 2
Decimals: 0	Maximum: 24
Range: 2-24	Mean: 2.9
Invalid: 101, 101	Standard deviation: 1.6

**MAT\U-GRADE\ACADEMIC PERFORMANCE (BCBMUFC1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 3110
Format: numeric	Invalid: 3405
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\U-GRADE\STANDARDIZED TEST (BCBMUFC2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3003  
 Invalid: 3512

**MAT\U-GRADE\ENTRANCE EXAMINATION (BCBMUFC3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 2897  
 Invalid: 3618

**MAT\U-GRADE\ORAL EXAMINATION (BCBMUFC4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 2969  
 Invalid: 3546

**MAT\U-GRADE\TEACHER RECOMMENDATIONS (BCBMUFC5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3095  
 Invalid: 3420

**MAT\U-GRADE\PARENTAL WISHES (BCBMUFC6)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3099  
 Invalid: 3416

**MAT\U-GRADE\STUDENT'S OWN WISHES (BCBMUFC7)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3100  
 Invalid: 3415

**MAT\U-GRADE\CURRICULAR REQUIREMENTS (BCBMUFC8)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 3091  
 Invalid: 3424

**SCI\ORGANIZE DIFFERENTLY\DIFFERENT LEVEL (BCBSODF1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5108  
 Invalid: 1407

**SCI\ORGANIZE DIFFERENTLY\ABILITY (BCBSODF2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5061  
 Invalid: 1454

**SCI\ORGANIZE DIFFERENTLY\ENRICHMENT (BCBSODF3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5053  
 Invalid: 1462



**SCI\ORGANIZE DIFFERENTLY\REMEDIAL (BCBSODF4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5040  
 Invalid: 1475

**SCI\ORGANIZE DIFFERENTLY\DIFF. CONTENT (BCBSODF5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5032  
 Invalid: 1483

**SCI\U-GRADE\COURSES AVAILABLE (BCBSUC3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 2-30  
 Invalid: 101, 101

Valid cases: 560  
 Invalid: 5955  
 Minimum: 2  
 Maximum: 30  
 Mean: 3.2  
 Standard deviation: 2.2

**SCI\U-GRADE\ACADEMIC PERFORMANCE (BCBSUFC1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2697  
 Invalid: 3818

**SCI\U-GRADE\STANDARDIZED TEST (BCBSUFC2)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2587  
 Invalid: 3928

**SCI\U-GRADE\ENTRANCE EXAMINATION (BCBSUFC3)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2582  
 Invalid: 3933

**SCI\U-GRADE\ORAL EXAMINATION (BCBSUFC4)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2585  
 Invalid: 3930

**SCI\U-GRADE\TEACHER RECOMMENDATIONS (BCBSUFC5)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2684  
 Invalid: 3831

**SCI\U-GRADE\PARENTAL WISHES (BCBSUFC6)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2685  
 Invalid: 3830

**SCI\U-GRADE\STUDENT'S OWN WISHES (BCBSUFC7)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2655  
 Invalid: 3860

**SCI\U-GRADE\CURRICULAR REQUIREMENTS (BCBSUFC8)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99  
 Invalid: 11

Valid cases: 2683  
 Invalid: 3832

**GEN\ADMITTNC\RESIDENCE IN AREA (BCBGBS01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5658  
 Invalid: 857

**GEN\ADMITTNC\ACADEMIC PERFORMANCE (BCBGBS02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5655  
 Invalid: 860

**GEN\ADMITTNC\INTERVIEW WITH STUDENT (BCBGBS03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5655  
 Invalid: 860

**GEN\ADMITTNC\INTERVIEW WITH PARENTS (BCBGBS04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5637  
 Invalid: 878

**GEN\ADMITTNC\FAMILY MEMBERS AT SCHOOL (BCBGBS05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5658  
 Invalid: 857

**GEN\ADMITTNC\DATE OF APPLICATION (BCBGBS06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5656  
 Invalid: 859

**GEN\ADMITTNC\TEACHER RECOMMENDATION (BCBGBS07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5645  
 Invalid: 870

**GEN\ADMITTNC\FROM PARTICULAR SCHOOL (BCBGBS08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5648  
 Invalid: 867

**GEN\ADMITTNC\FORMER STUDENT'S CHILD (BCBGBS09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5645  
 Invalid: 870

**GEN\ADMITTNC\STANDARDIZED TEST (BCBGBS10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5518  
 Invalid: 997

**GEN\ADMITTNC\ENTRANCE EXAMINATION (BCBGBS11)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5347  
 Invalid: 1168

**GEN\ADMITTNC\ORAL EXAMINATION (BCBGBS12)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5323  
 Invalid: 1192

**GEN\ADMITTNC\OTHER (BCBGBS13)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4628  
 Invalid: 1887

**GEN\EXPECT PARENTS\NOTIFY PROBLEMS (BCBGEP01)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5717  
 Invalid: 798

**GEN\EXPECT PARENTS\TEACHER AIDES (BCBGEP02)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5704  
 Invalid: 811

**GEN\EXPECT PARENTS\RAISE FOUNDS (BCBGEP03)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5699  
 Invalid: 816

**GEN\EXPECT PARENTS\VOLUNTEER SC PROJECTS (BCBGEP04)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5692  
 Invalid: 823

**GEN\EXPECT PARENTS\HOMEWORK COMPLETE (BCBGEP05)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5702  
 Invalid: 813

**GEN\EXPECT PARENTS\ASSISTANCE ON TRIPS (BCBGEP06)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 5699  
 Invalid: 816

**GEN\EXPECT PARENTS\PREPARE LUNCHBOX (BCBGEP07)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5510
Format: numeric	Invalid: 1005
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\EXPECT PARENTS\MONITOR BEHAVIOUR (BCBGEP08)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5549
Format: numeric	Invalid: 966
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\EXPECT PARENTS\SELECT SC PERSONNEL (BCBGEP09)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5694
Format: numeric	Invalid: 821
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\EXPECT PARENTS\REVIEW SC FINANCES (BCBGEP10)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 5686
Format: numeric	Invalid: 829
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\U-GRADE\ENROLLMENT (BCDGUTER)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5667
Format: numeric	Invalid: 848
Width: 4	Minimum: 0
Decimals: 0	Maximum: 993
Range: 0-993	Mean: 169.4
Invalid: 1001	Standard deviation: 153.4

**GEN\U-GRADE\REPEATING GRADE\STUDEN (BCDGUTRT)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5263
Format: numeric	Invalid: 1252
Width: 3	Minimum: 0
Decimals: 0	Maximum: 97
Range: 0-97	Mean: 5.4
Invalid: 101	Standard deviation: 13.6

**GEN\YEARLY INSTRUCTIONAL TIME IN HRS (BCDGAAIT)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4474
Format: numeric	Invalid: 2041
Width: 6	Minimum: 360
Decimals: 1	Maximum: 2800
Range: 360-2800	Mean: 1025.2
	Standard deviation: 213.2

**GEN\YEARLY TOTAL TIME IN SCHOOL IN HRS (BCDGAYTS)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4342
Format: numeric	Invalid: 2173
Width: 6	Minimum: 343.3
Decimals: 1	Maximum: 3200
Range: 343.3-3200	Mean: 1276.6
	Standard deviation: 287.2

**GEN\PERCENT OF HRS SPENT ON INSTRUCTION (BCDGPHSI)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 4185
Format: numeric	Invalid: 2330
Width: 5	Minimum: 26.7
Decimals: 1	Maximum: 100
Range: 26.7-100	Mean: 81.6
	Standard deviation: 12.7

**GEN\TOTAL ENROLLMENT (BCDGTENR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5659
Format: numeric	Invalid: 856
Width: 5	Minimum: 18
Decimals: 0	Maximum: 22823
Range: 18-22823	Mean: 860.8
	Standard deviation: 762



**GEN\STUDENT/TEACHER RATIO (BCDGSTRA)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 1-200

Valid cases: 5505  
 Invalid: 1010  
 Minimum: 1  
 Maximum: 200  
 Mean: 21  
 Standard deviation: 15.6

**MAT\AVAILABILITY OF SCH. RES. FOR MATH (BCDMASR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5788  
 Invalid: 727

**GEN\SCHOOL ATTENDANCE (BCDGSA)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5470  
 Invalid: 1045

**GEN\SAFE SCHOOL ENVIRONMENT (BCDGSSE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5374  
 Invalid: 1141

**GEN\AVAILABILITY OF COMPUTERS IN CAT. (BCDGCRC)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5393  
 Invalid: 1122

**GEN\ACCESS TO INTERNET (BCDGINTE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5518  
 Invalid: 997

**GEN\HRS. ON INSTRUCTION LEADERSHIP (BCDGINST)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-160

Valid cases: 5364  
 Invalid: 1151  
 Minimum: 0  
 Maximum: 160  
 Mean: 32  
 Standard deviation: 22.5

**GEN\HRS. ON COMMUNICATING W/PARE./STU. (BCDGCMUN)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-180

Valid cases: 5356  
 Invalid: 1159  
 Minimum: 0  
 Maximum: 180  
 Mean: 35.3  
 Standard deviation: 24

**GEN\HRS. ON ADMINISTRATIVE WORK (BCDGADMN)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-226

Valid cases: 5377  
 Invalid: 1138  
 Minimum: 0  
 Maximum: 226  
 Mean: 51.6  
 Standard deviation: 36.5

**GEN\HRS. ON TEACHING (BCDGTEAC)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-120  
 Invalid: 1001

Valid cases: 5009  
 Invalid: 1506  
 Minimum: 0  
 Maximum: 120  
 Mean: 16.2  
 Standard deviation: 21.3

**MAT\METHODS OF INSTRUCTION (BCDMMOIN)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5492  
 Invalid: 1023

**GEN\EXPECT PARENTS AS VOLUNTEER... (BCDGVOL)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5702  
 Invalid: 813

**GEN\EXPECT PARENTS SERVE ON COMMITTEES (BCDGSERV)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5691  
 Invalid: 824

**SCI\AVAILABILITY OF SCH. RES. FOR SCI (BCDSASR)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5852  
 Invalid: 663

**SCI\METHODS OF INSTRUCTION (BCDSMOIN)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 5026  
 Invalid: 1489

**\*SYSTEM ID SCHOOL FILE\* (CSYSTEM)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**\*SYSTEM ID SCHOOL FILE\* (CSYSTEM)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6515
Format: numeric	Invalid: 0
Width: 3	Minimum: 1
Decimals: 0	Maximum: 805
Range: 1-805	Mean: 98.9
	Standard deviation: 76.2

**\*1ST STAGE WEIGHT (SCHOOL WEIGHT)\* (WGTFAC1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 7	Minimum: 0
Decimals: 2	Maximum: 1644.8
Range: 0-1644.77	Mean: 32.6
	Standard deviation: 92.3

**\*ADJUSTMENT FACTOR 1 (SCHOOL WEIGHT)\* (WGTADJ1)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 5	Minimum: 0
Decimals: 3	Maximum: 2
Range: 0-2	Mean: 1
	Standard deviation: 0.1

**\*SCHOOL LEVEL WEIGHT\* (SCHWGT)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 8	Minimum: 0
Decimals: 3	Maximum: 1644.8
Range: 0-1644.767	Mean: 33.5
	Standard deviation: 93.8

**\*SUM OF STUDENT WEIGHTS - UPPER GRADE\* (STOTWGTU)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 8	Minimum: 0
Decimals: 2	Maximum: 62024.1
Range: 0-62024.11	Mean: 3104.2
	Standard deviation: 4636.6

**\*ZONE CODE\* (JKCZONE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 2	Minimum: 0
Decimals: 0	Maximum: 75
Range: 0-75	Mean: 34.6
	Standard deviation: 21.4

**\*REPLICATE CODE\* (JKCREP)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 6100
Format: numeric	Invalid: 415
Width: 1	
Decimals: 0	
Range: 0-1	

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - School Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 6515
Format: numeric	Invalid: 0
Width: 5	Minimum: 60601
Decimals: 0	Maximum: 62101
Range: 60601-62101	Mean: 60650.2
	Standard deviation: 259.4

**\*VERSION NUMBER\* (VERSION)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 50-50

Valid cases: 14879  
 Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 4-12700

Valid cases: 14879  
 Invalid: 0

**\*SUBJECT ID\* (IDSUBJCT)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 14879  
 Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 14879  
 Invalid: 0

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-911

Valid cases: 14879  
 Invalid: 0  
 Minimum: 1  
 Maximum: 911  
 Mean: 137.1  
 Standard deviation: 162.8

**\*TEACHER ID\* (IDTEACH)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 14879
Format: numeric	Invalid: 0
Width: 5	Minimum: 101
Decimals: 0	Maximum: 91103
Range: 101-91103	Mean: 13713.7
	Standard deviation: 16277.7

**\*TEACHER LINK NUMBER\* (IDLINK)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 14879
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 40
Range: 1-40	Mean: 3.7
	Standard deviation: 2.7

**\*NAME OF COURSE\* (ITCOURSE)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 14879
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

**GEN\AGE OF TEACHER (BTBGAGE)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 13176
Format: numeric	Invalid: 1703
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\SEX OF TEACHER (BTBGSEX)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 13202
Format: numeric	Invalid: 1677
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\YEARS BEEN TEACHING (BTBGTAUG)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 13175
Format: numeric	Invalid: 1704
Width: 3	Minimum: 0
Decimals: 0	Maximum: 59
Range: 0-59	Mean: 16.8
Invalid: 101	Standard deviation: 10.7

**GEN\SCHEDULED HOURS ALTOGETHER (BTBGTOTL)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12856
Format: numeric	Invalid: 2023
Width: 3	Minimum: 1
Decimals: 0	Maximum: 80
Range: 1-80	Mean: 22.1
Invalid: 101	Standard deviation: 7.2

**MAT\SCHEDULED SUBJECTS\MATHEMATICS (BTBMSUB1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 13074
Format: numeric	Invalid: 1805
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 1.6
Invalid: 101	Standard deviation: 4.3

**SCI\SCHEDULED SUBJECTS\GENERAL SCI (BTBSSUB2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 8481
Format: numeric	Invalid: 6398
Width: 3	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 8.8
Invalid: 101	Standard deviation: 10.3

**SCI\SCHEDULED SUBJECTS\PHYSICAL SCI (BTBSSUB3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 2896
Format: numeric	Invalid: 11983
Width: 3	Minimum: 0
Decimals: 0	Maximum: 44
Range: 0-44	Mean: 4.1
Invalid: 101	Standard deviation: 7.7



**SCI\SCHEDULED SUBJECTS\EARTH SCIENCE (BTBSSUB4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7496
Format: numeric	Invalid: 7383
Width: 3	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 3.1
Invalid: 101	Standard deviation: 6.6

**SCI\SCHEDULED SUBJECTS\LIFE SCIENCE (BTBSSUB5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 1321
Format: numeric	Invalid: 13558
Width: 3	Minimum: 0
Decimals: 0	Maximum: 32
Range: 0-32	Mean: 1.4
Invalid: 101	Standard deviation: 3.9

**SCI\SCHEDULED SUBJECTS\BIOLOGY (BTBSSUB6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 9585
Format: numeric	Invalid: 5294
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 4.9
Invalid: 101	Standard deviation: 7.9

**SCI\SCHEDULED SUBJECTS\CHEMISTRY (BTBSSUB7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 8201
Format: numeric	Invalid: 6678
Width: 3	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 3.2
Invalid: 101	Standard deviation: 6.3

**SCI\SCHEDULED SUBJECTS\PHYSICS (BTBSSUB8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 8491
Format: numeric	Invalid: 6388
Width: 3	Minimum: 0
Decimals: 0	Maximum: 43
Range: 0-43	Mean: 3.8
Invalid: 101	Standard deviation: 7.2

**GEN\SCHEDULED SUBJECTS\OTHER (BTBGSUB9)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12271
Format: numeric	Invalid: 2608
Width: 3	Minimum: 0
Decimals: 0	Maximum: 45
Range: 0-45	Mean: 2.8
Invalid: 101	Standard deviation: 5.4

**GEN\SCHEDULED TASKS\SUPERVISION (BTBGTSK1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11702
Format: numeric	Invalid: 3177
Width: 3	Minimum: 0
Decimals: 0	Maximum: 75
Range: 0-75	Mean: 1.9
Invalid: 101	Standard deviation: 3.3

**GEN\SCHEDULED TASKS\COUNSELLING (BTBGTSK2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11668
Format: numeric	Invalid: 3211
Width: 3	Minimum: 0
Decimals: 0	Maximum: 95
Range: 0-95	Mean: 1.7
Invalid: 101	Standard deviation: 3.6

**GEN\SCHEDULED TASKS\ADMINISTRATION (BTBGTSK3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11629
Format: numeric	Invalid: 3250
Width: 3	Minimum: 0
Decimals: 0	Maximum: 66
Range: 0-66	Mean: 1.5
Invalid: 101	Standard deviation: 4.1

**GEN\SCHEDULED TASKS\INDIVID PLANNING (BTBGTSK4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11475
Format: numeric	Invalid: 3404
Width: 3	Minimum: 0
Decimals: 0	Maximum: 75
Range: 0-75	Mean: 2.7
Invalid: 101	Standard deviation: 4.1

**GEN\SCHEDULED TASKS\COOP PLANNING (BTBGTSK5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11004
Format: numeric	Invalid: 3875
Width: 3	Minimum: 0
Decimals: 0	Maximum: 44
Range: 0-44	Mean: 0.9
Invalid: 101	Standard deviation: 2.3

**GEN\SCHEDULED TASKS\NON SPECIFIED (BTBGTSK6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11501
Format: numeric	Invalid: 3378
Width: 3	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	Mean: 1.5
Invalid: 101	Standard deviation: 3.3

**GEN\SCHEDULED TASKS\OTHER (BTBGTSK7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 10864
Format: numeric	Invalid: 4015
Width: 3	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	Mean: 1
Invalid: 101	Standard deviation: 3.1

**GEN\OUTSIDE SCHL\PREPARE TEST (BTBGACT1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 13076
Format: numeric	Invalid: 1803
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\OUTSIDE SCHL\READ STUDENT WORK (BTBGACT2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12760
Format: numeric	Invalid: 2119
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\OUTSIDE SCHL\PLAN LESSONS (BTBGACT3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12939  
 Invalid: 1940

**GEN\OUTSIDE SCHL\MEET STUDENTS (BTBGACT4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12650  
 Invalid: 2229

**GEN\OUTSIDE SCHL\MEET PARENTS (BTBGACT5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12708  
 Invalid: 2171

**GEN\OUTSIDE SCHL\PROFESSIONL READING (BTBGACT6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12742  
 Invalid: 2137

**GEN\OUTSIDE SCHL\UPDATE STUD RECORDS (BTBGACT7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12639  
 Invalid: 2240

**GEN\OUTSIDE SCHL\ADMINISTRATIVE TASKS (BTBGACT8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12750  
 Invalid: 2129

**GEN\OUTSIDE SCHL\OTHER (BTBGACT9)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8357  
 Invalid: 6522

**GEN\TEACHING ACTIVITIES ALTOGETHER (BTBGALTO)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-94  
 Invalid: 101, 101

Valid cases: 12554  
 Invalid: 2325  
 Minimum: 0  
 Maximum: 94  
 Mean: 35.5  
 Standard deviation: 15.6

**GEN\MEETING WITH OTHER TEACHERS (BTBGMEET)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 13097  
 Invalid: 1782

**GEN\INFLUENCE\SUBJECT MATTER (BTBGINF1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12479  
 Invalid: 2400

**GEN\INFLUENCE\SPECIFIC TEXTBOOKS (BTBGINF2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12469
Format: numeric	Invalid: 2410
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\INFLUENCE\MONEY FOR SUPPLIES (BTBGINF3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12228
Format: numeric	Invalid: 2651
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\INFLUENCE\KIND OF SUPPLIES (BTBGINF4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12220
Format: numeric	Invalid: 2659
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\GD\IMPT\REMEMBER FORMULAS (BTBSIMP1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12865
Format: numeric	Invalid: 2014
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\GD\IMPT\SEQUENTIAL AND PROCEDURAL (BTBSIMP2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12927
Format: numeric	Invalid: 1952
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\GD\IMPT\UNDERSTAND CONCEPTS (BTBSIMP3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12942  
 Invalid: 1937

**SCI\GD\IMPT\THINK CREATIVELY (BTBSIMP4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12948  
 Invalid: 1931

**SCI\GD\IMPT\HOW USED IN REAL WORLD (BTBSIMP5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12979  
 Invalid: 1900

**SCI\GD\IMPT\SUPPORT SOLUTIONS (BTBSIMP6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12968  
 Invalid: 1911

**SCI\PRIMARILY AN ABSTRACT SUBJECT (BTBSAGR1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12864  
 Invalid: 2015

**SCI\FORMAL REPRESENTATION OF WORLD (BTBSAGR2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12795  
 Invalid: 2084

**SCI\PRACTICAL AND STRUCTURED GUIDE (BTBSAGR3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12835  
 Invalid: 2044

**SCI\NATURAL TALENT FOR SCIENCE (BTBSAGR4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12962  
 Invalid: 1917

**SCI\IMPORTANCE OF SEQNTAL DIRECTIONS (BTBSAGR5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12920  
 Invalid: 1959

**SCI\FOCUSING ON RULES IS A BAD IDEA (BTBSAGR6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12891  
 Invalid: 1988



**SCI\DEBATES IN CLASS HARM LEARNING (BTBSAGR7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12952  
 Invalid: 1927

**SCI\SEE TASK APART FROM REPRESENTATN (BTBSAGR8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12555  
 Invalid: 2324

**SCI\LIKING AND UNDERSTANDING STUDENTS (BTBSAGR9)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12957  
 Invalid: 1922

**SCI\NATIONAL CURRICULUM GUIDE (BTBSFAM1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12137  
 Invalid: 2742

**SCI\REGIONAL CURRICULUM GUIDE (BTBSFAM2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6534  
 Invalid: 8345

**GEN\SCHOOL CURRICULUM GUIDE (BTBGFAM3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 9370  
 Invalid: 5509

**GEN\NATIONAL EXAM SPECIFICATIONS (BTBGFAM4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8735  
 Invalid: 6144

**GEN\REGIONAL EXAM SPECIFICATIONS (BTBGFAM5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 6338  
 Invalid: 8541

**SCI\NATIONAL PEDAGOGY GUIDE (BTBSFAM6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8464  
 Invalid: 6415

**SCI\REGIONAL PEDAGOGY GUIDE (BTBSFAM7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 4596  
 Invalid: 10283

**SCI\PREP\EARTH SCI: FEATURE,... (BTBSFP01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11038  
 Invalid: 3841

**SCI\PREP\EARTH SCI: SOLAR SYST, UNIVERSE (BTBSFP02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11029  
 Invalid: 3850

**SCI\PREP\BIOLOGY: HUMAN SYSTEMS (BTBSFP03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11043  
 Invalid: 3836

**SCI\PREP\BIOLOGY: PLNT AND ANIMAL LIFE (BTBSFP04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11021  
 Invalid: 3858

**SCI\PREP\CHEM: CLASSIFICATION, STRUCTURE (BTBSFP05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 10998  
 Invalid: 3881

**SCI\PREP\CHEM: REACTIVITY, TRANSFORMATNS (BTBSFP06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 10986  
 Invalid: 3893

**SCI\PREP\PHYS: TYPES + SOURCES OF ENERGY (BTBSFP07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 10941  
 Invalid: 3938

**SCI\PREP\PHYSICS: LIGHT (BTBSFP08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 10878  
 Invalid: 4001

**SCI\PREP\ENVIRONMENTAL + RESOURCE ISSUES (BTBSFP09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11044  
 Invalid: 3835

**SCI\PREP\SCIENTIFIC METHODS,... (BTBSFP10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11046  
 Invalid: 3833

**GEN\LEVEL OF EDUCATION COMPLETED (BTBGEDUC)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 13051  
 Invalid: 1828

**GEN\TEACHER TRAINING CERTIFICATE (BTBGTRAC)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12014  
 Invalid: 2865

**GEN\YEARS PRE SERVICE TRAINING (BTBGYETR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-10  
 Invalid: 101

Valid cases: 11601  
 Invalid: 3278  
 Minimum: 0  
 Maximum: 10  
 Mean: 2.9  
 Standard deviation: 2

**GEN\BEGIN SECONDARY SCHOOL (BTBGPRTR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11844  
 Invalid: 3035

**GEN\HAVE BA (BTBGCMAS)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12573  
 Invalid: 2306

**GEN\MAIN STUDY FOR BA\MATHEMATICS (BTBGCMA1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 10999  
 Invalid: 3880

**GEN\MAIN STUDY FOR BA\BIOLOGY (BTBGCMA2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11255  
 Invalid: 3624

**GEN\MAIN STUDY FOR BA\PHYSICS (BTBGCMA3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11223  
 Invalid: 3656

**GEN\MAIN STUDY FOR BA\CHEMISTRY (BTBGCMA4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11236  
 Invalid: 3643

**GEN\MAIN STUDY FOR BA\EDUCATION (BTBGCMA5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11166  
 Invalid: 3713

**GEN\MAIN STUDY FOR BA\MATH EDUCATION (BTBGCMA6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 9602  
 Invalid: 5277

**GEN\MAIN STUDY FOR BA\SCIENCE EDUCATION (BTBGCMA7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 9912  
 Invalid: 4967

**GEN\MAIN STUDY FOR BA\OTHER (BTBGCMA8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 10784  
 Invalid: 4095

**GEN\HAVE MASTERS DEGREE (BTBGMMAS)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11823  
 Invalid: 3056

**GEN\MAIN STUDY FOR MA\MATHEMATICS (BTBGMMMA1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3117  
 Invalid: 11762

**GEN\MAIN STUDY FOR MA\BIOLOGY (BTBGMMMA2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3271  
 Invalid: 11608

**GEN\MAIN STUDY FOR MA\PHYSICS (BTBGMMMA3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3258  
 Invalid: 11621

**GEN\MAIN STUDY FOR MA\CHEMISTRY (BTBGMMMA4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3260  
 Invalid: 11619

**GEN\MAIN STUDY FOR MA\EDUCATION (BTBGMMMA5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3097  
 Invalid: 11782

**GEN\MAIN STUDY FOR MA\MATH EDUCATION (BTBGMMMA6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 2492  
 Invalid: 12387



**GEN\MAIN STUDY FOR MA\SCIENCE EDUCATION (BTBGMMMA7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 2501  
 Invalid: 12378

**GEN\MAIN STUDY FOR MA\OTHER (BTBGMMMA8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 3025  
 Invalid: 11854

**GEN\WAS TEACHING FIRST CHOICE (BTBGCARE)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 10943  
 Invalid: 3936

**GEN\WOULD YOU CHANGE CARREER (BTBGCHNG)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11017  
 Invalid: 3862

**GEN\IS WORK APPRECIATED BY SOCIETY (BTBGSOAP)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11049  
 Invalid: 3830

**GEN\IS WORK APPRECIATED BY STUDENTS (BTBGSTAP)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 10996
Format: numeric	Invalid: 3883
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\NUMBER OF BOOKS IN HOME (BTBGBOOK)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 10154
Format: numeric	Invalid: 4725
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\CLSS\NUMBER OF BOYS IN CLASS (BTBSBOY)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11822
Format: numeric	Invalid: 3057
Width: 3	Minimum: 0
Decimals: 0	Maximum: 95
Range: 0-95	Mean: 14.2
Invalid: 101	Standard deviation: 9

**SCI\CLSS\NUMBER OF GIRLS IN CLASS (BTBSGIRL)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11820
Format: numeric	Invalid: 3059
Width: 3	Minimum: 0
Decimals: 0	Maximum: 95
Range: 0-95	Mean: 13.8
Invalid: 101	Standard deviation: 9

**SCI\CLSS\NUMBER OF STUDENTS IN CLASS (BTDSTOEN)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11942
Format: numeric	Invalid: 2937
Width: 4	Minimum: 0
Decimals: 0	Maximum: 194
Range: 0-194	Mean: 28.5
Invalid: 1001	Standard deviation: 17.1

**SCI\CLSS\SUBJECT MATTER EMPHASIS (BTBSSMEC)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11455  
 Invalid: 3424

**SCI\CLSS\LENGTH OF SCIENCE CLASS (BTBSTIME)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 20-600  
 Invalid: 1001

Valid cases: 11652  
 Invalid: 3227  
 Minimum: 20  
 Maximum: 600  
 Mean: 140  
 Standard deviation: 80.5

**SCI\CLSS\USE TEXTBOOK (BTBSTXBK)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12050  
 Invalid: 2829

**SCI\CLSS\TEXTBOOK BASED TEACHING (BTBSTXBR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11917  
 Invalid: 2962

**SCI\USE CALCULATORS DURING LESSONS (BTBSCUDL)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11644  
 Invalid: 3235

**SCI\EXTENT CALCULATORS PERMITTED (BTBSWECF)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11811  
 Invalid: 3068

**SCI\CALCS FOR CHECKING ANSWERS (BTBSCAL1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7878  
 Invalid: 7001

**SCI\CALCS FOR TESTS AND EXAMS (BTBSCAL2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7900  
 Invalid: 6979

**SCI\CALCS FOR ROUTINE COMPUTATIO (BTBSCAL3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7941  
 Invalid: 6938

**SCI\CALCS FOR COMPLEX PROBLEMS (BTBSCAL4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7923  
 Invalid: 6956

**SCI\CALCS FOR NUMBER CONCEPTS (BTBSCAL5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7655  
 Invalid: 7224

**SCI\COMPUTERS\IN CLASSROOMS (BTBSCOM1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11461  
 Invalid: 3418

**SCI\COMPUTERS\IN OTHER ROOMS (BTBSCOM2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11405  
 Invalid: 3474

**SCI\COMPUTERS\ACCESS INTERNET (BTBSINT1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 9370  
 Invalid: 5509

**SCI\COMPUTERS\USE INTERNET (BTBSINT2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 9359  
 Invalid: 5520

**SCI\SOURCE\WHICH TOPIC TO TEACH (BTBSSRC1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11435  
 Invalid: 3444

**SCI\SOURCE\HOW TO PRESENT A TOPIC (BTBSSRC2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11423  
 Invalid: 3456

**SCI\SOURCE\CLASS WORK AND HOMEWORK (BTBSSRC3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11381  
 Invalid: 3498

**SCI\SOURCE\ASSESSMENT AND EVALUATN (BTBSSRC4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11453  
 Invalid: 3426

**SCI\TASKS\EXPLAIN REASONING (BTBSASK1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12369  
 Invalid: 2510

**SCI\TASKS\ANALYZE RELATIONSHIPS (BTBSASK2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12378  
 Invalid: 2501

**SCI\TASKS\WORK ON PROBLEMS (BTBSASK3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12252  
 Invalid: 2627

**SCI\TASKS\USE COMPUTERS (BTBSASK4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11809  
 Invalid: 3070

**SCI\TASKS\WRITE EXPLANATIONS (BTBSASK5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12352  
 Invalid: 2527

**SCI\TASKS\ORGANIZE EVENTS OF OBJECTS (BTBSASK6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12298  
 Invalid: 2581

**SCI\TASKS\USE GRAPHING CALCULATORS (BTBSASK7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11631  
 Invalid: 3248

**SCI\INDIVIDUAL WORK\NO ASSISTANCE (BTBSLES1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12358  
 Invalid: 2521

**SCI\INDIVIDUAL WORK\ASSISTANCE (BTBSLES2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12386  
 Invalid: 2493

**SCI\WORK TOGETHER\TEACHER TEACHES (BTBSLES3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12357  
 Invalid: 2522

**SCI\WORK TOGETHER\STUDENTS INTERACT (BTBSLES4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12328  
 Invalid: 2551



**SCI\WORK IN GROUPS\NO ASSISTANCE (BTBSLES5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12364
Format: numeric	Invalid: 2515
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\WORK IN GROUPS\ASSISTANCE (BTBSLES6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12386
Format: numeric	Invalid: 2493
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\PERCENTAGE SPENT\ADMINISTRATIVE (BTBSAC01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12178
Format: numeric	Invalid: 2701
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 3.8
Invalid: 101	Standard deviation: 6.2

**SCI\PERCENTAGE SPENT\HOMEWORK REVIEW (BTBSAC02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12182
Format: numeric	Invalid: 2697
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 8.9
Invalid: 101	Standard deviation: 8.6

**SCI\PERCENTAGE SPENT\LECTURE STYLE (BTBSAC03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12201
Format: numeric	Invalid: 2678
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 25
Invalid: 101	Standard deviation: 16.8

**SCI\PERCENTAGE SPENT\GUIDED PRACTICE (BTBSAC04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12182
Format: numeric	Invalid: 2697
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 14.3
Invalid: 101	Standard deviation: 11

**SCI\PERCENTAGE SPENT\RE-TEACHING (BTBSAC05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12172
Format: numeric	Invalid: 2707
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 9.9
Invalid: 101	Standard deviation: 8.4

**SCI\PERCENTAGE SPENT\STUDENT PRACTICE (BTBSAC06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12152
Format: numeric	Invalid: 2727
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 10.4
Invalid: 101	Standard deviation: 9.3

**SCI\PERCENTAGE SPENT\TEST AND QUIZZES (BTBSAC07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12179
Format: numeric	Invalid: 2700
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 9.8
Invalid: 101	Standard deviation: 8.2

**SCI\PERCENTAGE SPENT\TEACHER DEMOS (BTBSAC08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11730
Format: numeric	Invalid: 3149
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 9.5
Invalid: 101	Standard deviation: 9.7

**SCI\PERCENTAGE SPENT\STUDENT EXPERIMENTS (BTBSAC09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11711
Format: numeric	Invalid: 3168
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 12.6
Invalid: 101	Standard deviation: 13.4

**SCI\PERCENTAGE SPENT\OTHER (BTBSAC10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11545
Format: numeric	Invalid: 3334
Width: 3	Minimum: 0
Decimals: 0	Maximum: 85
Range: 0-85	Mean: 3.2
Invalid: 101	Standard deviation: 6

**SCI\EARTH\PHYSICAL FEATURES\BEFORE (BTBSTB01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7378
Format: numeric	Invalid: 7501
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\EARTH\PHYSICAL FEATURES\THIS YEAR (BTBSTT01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7378
Format: numeric	Invalid: 7501
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\EARTH\PHYSICAL FEATURES\NOT KNOW (BTBSNT01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7378
Format: numeric	Invalid: 7501
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\EARTH\ATMOSPHERE\BEFORE (BTBSTB02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7372  
 Invalid: 7507

**SCI\EARTH\ATMOSPHERE\THIS YEAR (BTBSTT02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7372  
 Invalid: 7507

**SCI\EARTH\ATMOSPHERE\NOT KNOW (BTBSNT02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7372  
 Invalid: 7507

**SCI\EARTH\PROCESSES+HISTORY\BEFORE (BTBSTB03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7352  
 Invalid: 7527

**SCI\EARTH\PROCESSES+HISTORY\THIS YEAR (BTBSTT03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7352  
 Invalid: 7527

**SCI\EARTH\PROCESSES+HISTORY\NOT KNOW (BTBSNT03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7352  
 Invalid: 7527

**SCI\EARTH\IN SOLAR SYSTEM\BEFORE (BTBSTB04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7400  
 Invalid: 7479

**SCI\EARTH\IN SOLAR SYSTEM\THIS YEAR (BTBSTT04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7400  
 Invalid: 7479

**SCI\EARTH\IN SOLAR SYSTEM\NOT KNOW (BTBSNT04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7400  
 Invalid: 7479

**SCI\BIO\BODY: ORGANS+SYSTEMS\BEFORE (BTBSTB05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7521  
 Invalid: 7358

**SCI\BIO\BODY: ORGANS+SYSTEMS\THIS YEAR (BTBSTT05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7521  
 Invalid: 7358

**SCI\BIO\BODY: ORGANS+SYSTEMS\NOT KNOW (BTBSNT05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7521  
 Invalid: 7358

**SCI\BIO\BODILY PROCESSES\BEFORE (BTBSTB06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7496  
 Invalid: 7383

**SCI\BIO\BODILY PROCESSES\THIS YEAR (BTBSTT06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7496  
 Invalid: 7383

**SCI\BIO\BODILY PROCESSES\NOT KNOW (BTBSNT06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7496  
 Invalid: 7383

**SCI\BIO\NUTRITION, HEALTH.\BEFORE (BTBSTB07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7460  
 Invalid: 7419

**SCI\BIO\NUTRITION, HEALTH.\THIS YEAR (BTBSTT07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7460  
 Invalid: 7419

**SCI\BIO\NUTRITION, HEALTH.\NOT KNOW (BTBSNT07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7460  
 Invalid: 7419

**SCI\BIO\PLANT+ANIMAL LIFE\BEFORE (BTBSTB08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7457  
 Invalid: 7422

**SCI\BIO\PLANT+ANIMAL LIFE\THIS YEAR (BTBSTT08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7457  
 Invalid: 7422

**SCI\BIO\PLANT+ANIMAL LIFE\NOT KNOW (BTBSNT08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7457  
 Invalid: 7422

**SCI\BIO\INTERACTIONS OF LIVING\BEFORE (BTBSTB09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7455  
 Invalid: 7424

**SCI\BIO\INTERACTIONS OF LIVING\THIS YEAR (BTBSTT09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7455  
 Invalid: 7424

**SCI\BIO\INTERACTIONS OF LIVING\NOT KNOW (BTBSNT09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7455  
 Invalid: 7424

**SCI\BIO\REPRODUCTION.\BEFORE (BTBSTB10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7442  
 Invalid: 7437



**SCI\BIO\REPRODUCTION.\THIS YEAR (BTBSTT10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7442  
 Invalid: 7437

**SCI\BIO\REPRODUCTION.\NOT KNOW (BTBSNT10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7442  
 Invalid: 7437

**SCI\CHEM\CLASSIFICATION MATTER\BEFORE (BTBSTB11)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7451  
 Invalid: 7428

**SCI\CHEM\CLASSIFICATION MATTER\THIS YEAR (BTBSTT11)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7451  
 Invalid: 7428

**SCI\CHEM\CLASSIFICATION MATTER\NOT KNOW (BTBSNT11)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7451  
 Invalid: 7428

**SCI\CHEM\STRUCTURE MATTER\BEFORE (BTBSTB12)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7434  
 Invalid: 7445

**SCI\CHEM\STRUCTURE MATTER\THIS YEAR (BTBSTT12)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7434  
 Invalid: 7445

**SCI\CHEM\STRUCTURE MATTER\NOT KNOW (BTBSNT12)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7434  
 Invalid: 7445

**SCI\CHEM\REACTIVITY+TRANSFORM.\BEFORE (BTBSTB13)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7407  
 Invalid: 7472

**SCI\CHEM\REACTIVITY+TRANSFORM.\THIS YEAR (BTBSTT13)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7407  
 Invalid: 7472

**SCI\CHEM\REACTIVITY+TRANSFORM.\NOT KNOW (BTBSNT13)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7407  
 Invalid: 7472

**SCI\CHEM\ENERGY.\BEFORE (BTBSTB14)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7350  
 Invalid: 7529

**SCI\CHEM\ENERGY.\THIS YEAR (BTBSTT14)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7350  
 Invalid: 7529

**SCI\CHEM\ENERGY.\NOT KNOW (BTBSNT14)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7350  
 Invalid: 7529

**SCI\PHYS\PROPERTIES OF MATTER\BEFORE (BTBSTB15)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7456  
 Invalid: 7423

**SCI\PHYS\PROPERTIES OF MATTER\THIS YEAR (BTBSTT15)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7456  
 Invalid: 7423

**SCI\PHYS\PROPERTIES OF MATTER\NOT KNOW (BTBSNT15)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7456  
 Invalid: 7423

**SCI\PHYS\SUBATOMIC PARTICLES\BEFORE (BTBSTB16)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7423  
 Invalid: 7456

**SCI\PHYS\SUBATOMIC PARTICLES\THIS YEAR (BTBSTT16)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7423  
 Invalid: 7456

**SCI\PHYS\SUBATOMIC PARTICLES\NOT KNOW (BTBSNT16)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7423  
 Invalid: 7456

**SCI\PHYS\ENERGY TYPES.\BEFORE (BTBSTB17)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7388  
 Invalid: 7491

**SCI\PHYS\ENERGY TYPES.\THIS YEAR (BTBSTT17)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7388  
 Invalid: 7491

**SCI\PHYS\ENERGY TYPES.\NOT KNOW (BTBSNT17)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7388  
 Invalid: 7491

**SCI\PHYS\HEAT AND TEMP.\BEFORE (BTBSTB18)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7429  
 Invalid: 7450

**SCI\PHYS\HEAT AND TEMP.\THIS YEAR (BTBSTT18)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7429  
 Invalid: 7450

**SCI\PHYS\HEAT AND TEMP.\NOT KNOW (BTBSNT18)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7429  
 Invalid: 7450

**SCI\PHYS\WAVE, SOUND, VIBRATN\BEFORE (BTBSTB19)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7321  
 Invalid: 7558

**SCI\PHYS\WAVE, SOUND, VIBRATN\THIS YEAR (BTBSTT19)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7321  
 Invalid: 7558

**SCI\PHYS\WAVE, SOUND, VIBRATN\NOT KNOW (BTBSNT19)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7321  
 Invalid: 7558

**SCI\PHYS\LIGHT\BEFORE (BTBSTB20)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7397  
 Invalid: 7482

**SCI\PHYS\LIGHT\THIS YEAR (BTBSTT20)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7397  
 Invalid: 7482

**SCI\PHYS\LIGHT\NOT KNOW (BTBSNT20)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7397  
 Invalid: 7482

**SCI\PHYS\ELECTRICITY+MAGNET.\BEFORE (BTBSTB21)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7363  
 Invalid: 7516

**SCI\PHYS\ELECTRICITY+MAGNET.\THIS YEAR (BTBSTT21)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7363  
 Invalid: 7516

**SCI\PHYS\ELECTRICITY+MAGNET.\NOT KNOW (BTBSNT21)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7363  
 Invalid: 7516

**SCI\PHYS\FORCES AND MOTION\BEFORE (BTBSTB22)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7256  
 Invalid: 7623

**SCI\PHYS\FORCES AND MOTION\THIS YEAR (BTBSTT22)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7256  
 Invalid: 7623

**SCI\PHYS\FORCES AND MOTION\NOT KNOW (BTBSNT22)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7256  
 Invalid: 7623

**SCI\ENVRNMT\POLLUTION\BEFORE (BTBSTB23)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8127  
 Invalid: 6752

**SCI\ENVRNMT\POLLUTION\THIS YEAR (BTBSTT23)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8127  
 Invalid: 6752



**SCI\ENVRNMT\POLLUTION\NOT KNOW (BTBSNT23)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8127  
 Invalid: 6752

**SCI\ENVRNMT\CONSERVATN\BEFORE (BTBSTB24)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8067  
 Invalid: 6812

**SCI\ENVRNMT\CONSERVATN\THIS YEAR (BTBSTT24)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8067  
 Invalid: 6812

**SCI\ENVRNMT\CONSERVATN\NOT KNOW (BTBSNT24)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 8067  
 Invalid: 6812

**SCI\ENVRMNT\FOOD.\BEFORE (BTBSTB25)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7947  
 Invalid: 6932

**SCI\ENVRMNT\FOOD.\THIS YEAR (BTBSTT25)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7947  
 Invalid: 6932

**SCI\ENVRMNT\FOOD.\NOT KNOW (BTBSNT25)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7947  
 Invalid: 6932

**SCI\INQUIRY\SCIENTIFIC METHOD\BEFORE (BTBSTB26)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7843  
 Invalid: 7036

**SCI\INQUIRY\SCIENTIFIC METHOD\THIS YEAR (BTBSTT26)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7843  
 Invalid: 7036

**SCI\INQUIRY\SCIENTIFIC METHOD\NOT KNOW (BTBSNT26)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7843  
 Invalid: 7036

**SCI\INQUIRY\EXPER. DESIGN\BEFORE (BTBSTB27)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7735  
 Invalid: 7144

**SCI\INQUIRY\EXPER. DESIGN\THIS YEAR (BTBSTT27)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7735  
 Invalid: 7144

**SCI\INQUIRY\EXPER. DESIGN\NOT KNOW (BTBSNT27)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7735  
 Invalid: 7144

**SCI\INQUIRY\MEASUREMENTS\BEFORE (BTBSTB28)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7671  
 Invalid: 7208

**SCI\INQUIRY\MEASUREMENTS\THIS YEAR (BTBSTT28)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7671  
 Invalid: 7208

**SCI\INQUIRY\MEASUREMENTS\NOT KNOW (BTBSNT28)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7671  
 Invalid: 7208

**SCI\INQUIRY\SC APPARATUS\BEFORE (BTBSTB29)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7712  
 Invalid: 7167

**SCI\INQUIRY\SC APPARATUS\THIS YEAR (BTBSTT29)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7712  
 Invalid: 7167

**SCI\INQUIRY\SC APPARATUS\NOT KNOW (BTBSNT29)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7712  
 Invalid: 7167

**SCI\INQUIRY\GATHER,... DATA\BEFORE (BTBSTB30)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7812  
 Invalid: 7067

**SCI\INQUIRY\GATHER,... DATA\THIS YEAR (BTBSTT30)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7812  
 Invalid: 7067

**SCI\INQUIRY\GATHER,... DATA\NOT KNOW (BTBSNT30)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7812  
 Invalid: 7067

**SCI\INQUIRY\DESCRIBE DATA\BEFORE (BTBSTB31)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7800  
 Invalid: 7079

**SCI\INQUIRY\DESCRIBE DATA\THIS YEAR (BTBSTT31)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7800  
 Invalid: 7079

**SCI\INQUIRY\DESCRIBE DATA\NOT KNOW (BTBSNT31)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7800  
 Invalid: 7079

**SCI\CLSS\DIFFERENT ACADEMIC ABILITIES (BTBSLM01)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12308  
 Invalid: 2571

**SCI\CLSS\WIDE RANGE OF BACKGROUNDS (BTBSLM02)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12333  
 Invalid: 2546

**SCT\CLSS\SPECIAL NEEDS (BTBSLM03)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12178  
 Invalid: 2701

**SCI\CLSS\UNINTERESTED STUDENTS (BTBSLM04)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12354  
 Invalid: 2525

**SCI\CLSS\DISRUPTIVE STUDENTS (BTBSLM05)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12333  
 Invalid: 2546

**SCI\CLSS\PARENTS INTRESTD IN PROGRSS (BTBSLM06)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12237  
 Invalid: 2642

**SCI\CLSS\PARENTS UNINTRESTD IN PROGR (BTBSLM07)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12298  
 Invalid: 2581

**SCI\CLSS\SHORTGE OF COMPUTR HARDWARE (BTBSLM08)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12065  
 Invalid: 2814

**SCI\CLSS\SHORTGE OF COMPUTR SOFTWARE (BTBSLM09)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12014  
 Invalid: 2865

**SCI\CLSS\SHORTGE OF INSTR EQUIPMENT (BTBSLM10)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12278  
 Invalid: 2601

**SCI\CLSS\SHORTGE OF DEMNSTR EQUIPMNT (BTBSLM11)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12302  
 Invalid: 2577

**SCI\CLSS\INADEQUATE PHYSICL FACILITS (BTBSLM12)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12213  
 Invalid: 2666

**SCI\CLSS\HIGH STUDENT TEACHER RATIO (BTBSLM13)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12200  
 Invalid: 2679

**SCI\CLSS\LOW MORAL AMONG STAFF (BTBSLM14)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12156  
 Invalid: 2723

**SCI\CLSS\LOW MORAL AMONG STUDENTS (BTBSLM15)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12275  
 Invalid: 2604



**SCI\CLSS\THREATS 2 PERS OR STDT SFTY (BTBSLM16)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12182  
 Invalid: 2697

**SCI\HOMEWORK FREQUENCY (BTBSHMW2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12399  
 Invalid: 2480

**SCI\AVERAGE TIME NEEDED FOR HOMEWORK (BTBSHWMA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11950  
 Invalid: 2929

**SCI\HOMEWORK\WORKSHEETS OR -BOOK (BTBSWKBR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11527  
 Invalid: 3352

**SCI\HOMEWORK\TEXTBOOK PROBLEMS (BTBSPROR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11682  
 Invalid: 3197

**SCI\HOMEWORK\TEXTBOOK READING (BTBSREAR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11688  
 Invalid: 3191

**SCI\HOMEWORK\WRITING ASSIGNMENT (BTBSWRIR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11635  
 Invalid: 3244

**SCI\HOMEWORK\SMALL INVESTIGATIONS (BTBSDATR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11687  
 Invalid: 3192

**SCI\HOMEWORK\INDIVIDUAL PROJECTS (BTBSIEXR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11666  
 Invalid: 3213

**SCI\HOMEWORK\SMALL GROUP PROJECTS (BTBSGEXR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11637  
 Invalid: 3242

**SCI\HOMEWORK\FIND USES OF CONTENT (BTBSFINR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11635  
 Invalid: 3244

**SCI\HOMEWORK\PREPARE ORAL REPORTS (BTBSORAR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11715  
 Invalid: 3164

**SCI\HOMEWORK\KEEP A JOURNAL (BTBSJORR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11590  
 Invalid: 3289

**SCI\WRITTEN HMWK\DO NOT ASSIGN (BTBSWHNA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12392  
 Invalid: 2487

**SCI\WRITTEN HMWK\RECORD COMPLETION (BTBSWHR1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11358  
 Invalid: 3521

**SCI\WRITTEN HMWK\KEEP ASSIGNMENTS (BTBSWHR2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11213  
 Invalid: 3666

**SCI\WRITTEN HMWK\RETURN ASSIGNMENTS (BTBSWHR3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11314  
 Invalid: 3565

**SCI\WRITTEN HMWK\FEEDBACK TO CLASS (BTBSWHR4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11323  
 Invalid: 3556

**SCI\WRITTEN HMWK\STUDENTS CORRECT OWN (BTBSWHR5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11346  
 Invalid: 3533

**SCI\WRITTEN HMWK\STUDENTS CORRECT OTHER (BTBSWHR6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 11325  
 Invalid: 3554

**SCI\WRITTEN HMWK\BASIS FOR DISCUSSION (BTBSWHR7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 11379
Format: numeric	Invalid: 3500
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11, 11	

**SCI\WRITTEN HMWK\GRADE CONTRIBUTION (BTBSWHR8)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 11392
Format: numeric	Invalid: 3487
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11, 11	

**SCI\ASSMNT WEIGHT\STANDARD TESTS (BTBSWGT1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 11438
Format: numeric	Invalid: 3441
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\ASSMNT WEIGHT\REASONING TESTS (BTBSWGT2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12296
Format: numeric	Invalid: 2583
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\ASSMNT WEIGHT\MULTIPLE CHOICE (BTBSWGT3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12265
Format: numeric	Invalid: 2614
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\ASSMNT WEIGHT\HOMEWORK PERFORMNCE (BTBSWGT4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12180  
 Invalid: 2699

**SCI\ASSMNT WEIGHT\PROJECT PERFORMNCE (BTBSWGT5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12184  
 Invalid: 2695

**SCI\ASSMNT WEIGHT\OBSERVATION (BTBSWGT6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12242  
 Invalid: 2637

**SCI\ASSMNT WEIGHT\RESPONSES IN CLASS (BTBSWGT7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 12317  
 Invalid: 2562

**GEN\FREQUENCY\PROVIDE GRADES (BTBGASS1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11853  
 Invalid: 3026

**GEN\FREQUENCY\PROVIDE FEEDBACK (BTBGASS2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11759  
 Invalid: 3120

**GEN\FREQUENCY\DIAGNOSE PROBLEMS (BTBGASS3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11836  
 Invalid: 3043

**GEN\FREQUENCY\REPORT TO PARENTS (BTBGASS4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11832  
 Invalid: 3047

**GEN\FREQUENCY\ASSIGN DIFFERNT TRACKS (BTBGASS5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11788  
 Invalid: 3091

**GEN\FREQUENCY\PLAN FUTURE LESSONS (BTBGASS6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11852  
 Invalid: 3027

**GEN\TOTAL HOURS TEACH. TIME (FROM DPC) (BTDGSUBT)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 13064
Format: numeric	Invalid: 1815
Width: 2	Minimum: 1
Decimals: 0	Maximum: 80
Range: 1-80	Mean: 20.8
	Standard deviation: 8.2

**GEN\TOTAL HOURS PERF. OTHER TASKS (DPC) (BTDGTSKT)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 12000
Format: numeric	Invalid: 2879
Width: 2	Minimum: 0
Decimals: 0	Maximum: 77
Range: 0-77	Mean: 10.1
	Standard deviation: 10.5

**SCI\HAVE BA OR MASTERS IN GENERAL SCI (BTDSSGRD)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12647
Format: numeric	Invalid: 2232
Width: 1	
Decimals: 0	
Range: 1-9	

**SCI\QUALIFICATION TO TEACH GENERAL SCI (BTDSSQUA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 11709
Format: numeric	Invalid: 3170
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\HAVE BA OR MASTERS IN EARTH SCI (BTDSEGRD)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12654
Format: numeric	Invalid: 2225
Width: 1	
Decimals: 0	
Range: 1-9	



**SCI\QUALIFICATION TO TEACH EARTH SCI (BTDSEQUA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11715  
 Invalid: 3164

**SCI\HAVE BA OR MASTERS IN BIOLOGY (BTDSBGRD)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12309  
 Invalid: 2570

**SCI\QUALIFICATION TO TEACH BIOLOGY (BTDSBQUA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11412  
 Invalid: 3467

**SCI\HAVE BA OR MASTERS IN PHYS/PHYS SCI (BTDSPGRD)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12469  
 Invalid: 2410

**SCI\QUAL. TO TEACH PHYS/PHYS SCI (BTDSPQUA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11555  
 Invalid: 3324

**SCI\HAVE BA OR MASTERS IN CHEMISTRY (BTDSCGRD)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12306  
 Invalid: 2573

**SCI\QUALIFICATION TO TEACH CHEMISTRY (BTDSCQUA)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 11400  
 Invalid: 3479

**SCI\INDEX OF CONFIDENCE TEACH SCIENCE (BTDSCPTS)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 11427  
 Invalid: 3452

**SCI\PERC. SCI TOPICS PREPARED TO TEACH (BTDSTPTT)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 0-100

Valid cases: 11427  
 Invalid: 3452  
 Minimum: 0  
 Maximum: 100  
 Mean: 49.2  
 Standard deviation: 30.5

**SCI\AVERAGE CLASS SIZE (BTDSSIZE)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-95

Valid cases: 11728  
 Invalid: 3151  
 Minimum: 1  
 Maximum: 95  
 Mean: 27.3  
 Standard deviation: 10

**SCI\SCIENCE CLASS SIZE IN 3 CATEGORIES (BTDSSZ3C)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 11728  
 Invalid: 3151

**SCI\INDEX:EMPHASIS ON PROB.SOLVING (BTDSESRPS)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12344  
 Invalid: 2535

**SCI\HRS/WK TEACHING SCIENCE (BTDSHTS)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 3  
 Range: 0.333-10

Valid cases: 11652  
 Invalid: 3227  
 Minimum: 0.3  
 Maximum: 10  
 Mean: 2.3  
 Standard deviation: 1.3

**SCI\CLSS\LENGTH OF SCIENCE CLASS (BTDSTIME)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 11652  
 Invalid: 3227

**SCI\INDEX:EMPHASIS ON SCIENCE HOMEWORK (BTDSESH)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 14497  
 Invalid: 382

**SCI\AMOUNT OF SCIENCE HOMEWORK (BTDSHWK)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99

Valid cases: 12212  
 Invalid: 2667

**SCI\HOMEWORK BASED ON PROJ. AND INVEST. (BTDSHWK2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 11712  
 Invalid: 3167

**GEN\PERC. OF SCHOOL TIME TEACH. ANYTHING (BTDGTTIM)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 2.941-100

Valid cases: 11745  
 Invalid: 3134  
 Minimum: 2.9  
 Maximum: 100  
 Mean: 70.6  
 Standard deviation: 21.8

**SCI\PERC. OF SCHOOL TIME TEACH. SCIENCE (BTDSTTIM)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 3  
 Range: 0-100

Valid cases: 11626  
 Invalid: 3253  
 Minimum: 0  
 Maximum: 100  
 Mean: 57  
 Standard deviation: 25.9

**GEN\PERC. OF SCHOOL TIME CURRI. PLANNIN (BTDGCPLN)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 3  
 Range: 0-87.5

Valid cases: 11258  
 Invalid: 3621  
 Minimum: 0  
 Maximum: 87.5  
 Mean: 9.8  
 Standard deviation: 11.6

**GEN\PERC. OF SCHOOL TIME ADMIN. DUTIES (BTDGADMN)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11371
Format: numeric	Invalid: 3508
Width: 6	Minimum: 0
Decimals: 3	Maximum: 90.9
Range: 0-90.909	Mean: 3.9
	Standard deviation: 8.6

**GEN\PERC. OF SCHOOL TIME OTHER ACTIVIT. (BTDGOTHR)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 11743
Format: numeric	Invalid: 3136
Width: 6	Minimum: 0
Decimals: 3	Maximum: 89.1
Range: 0-89.091	Mean: 16.2
	Standard deviation: 14.3

**SCI\MAJOR AREA OF STUDY BIOLOGY (BTDGSMJ1)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12637
Format: numeric	Invalid: 2242
Width: 1	
Decimals: 0	
Range: 1-9	

**SCI\MAJOR AREA OF STUDY PHYSICS (BTDGSMJ2)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12619
Format: numeric	Invalid: 2260
Width: 1	
Decimals: 0	
Range: 1-9	

**SCI\MAJOR AREA OF STUDY CHEMISTRY (BTDGSMJ3)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 12634
Format: numeric	Invalid: 2245
Width: 1	
Decimals: 0	
Range: 1-9	

**SCI\MAJOR AREA OF STUDY SCIENCE EDUC (BTDGSMJ4)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 11153  
 Invalid: 3726

**SCI\MAJOR AREA OF STUDY MATHEMATICS (BTDGSMJ5)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12316  
 Invalid: 2563

**SCI\MAJOR AREA OF STUDY EDUCATION (BTDGSMJ6)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12420  
 Invalid: 2459

**SCI\MAJOR AREA OF STUDY OTHER (BTDGSMJ7)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 12054  
 Invalid: 2825

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Sci Teacher Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 60601-62101

Valid cases: 14879  
 Invalid: 0  
 Minimum: 60601  
 Maximum: 62101  
 Mean: 60664.8  
 Standard deviation: 285

**\*FILE VERSION\* (VERSION)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 50-50

Valid cases: 176668  
 Invalid: 55398

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 4-33333

Valid cases: 176705  
 Invalid: 55361

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-7  
 Invalid: 11

Valid cases: 178776  
 Invalid: 53290

**\*BOOKLET SET (CODING)\* (IDBSET)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 133511  
 Invalid: 98555

**\*CODER\* (IDSCORR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-920  
 Invalid: 1001

Valid cases: 86451  
 Invalid: 145615  
 Minimum: 0  
 Maximum: 920  
 Mean: 64.8  
 Standard deviation: 80.9

**\*2ND CODER\* (IDSCORA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 97974
Format: numeric	Invalid: 134092
Width: 4	Minimum: 0
Decimals: 0	Maximum: 991
Range: 0-991	Mean: 134.8
Invalid: 1001	Standard deviation: 151

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176681
Format: numeric	Invalid: 55385
Width: 6	Minimum: 1
Decimals: 0	Maximum: 333339
Range: 1-333339	Mean: 139.7
	Standard deviation: 2860.8

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 5	Minimum: 101
Decimals: 0	Maximum: 86601
Range: 101-86601	Mean: 11523.2
	Standard deviation: 12283.6

**\*STUDENT ID\* (IDSTUD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 7	Minimum: 10101
Decimals: 0	Maximum: 8660105
Range: 10101-8660105	Mean: 1152341.2
	Standard deviation: 1228363.8

**\*GRADE\* (IDGRADE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 177304
Format: numeric	Invalid: 54762
Width: 2	Minimum: 0
Decimals: 0	Maximum: 64
Range: 0-64	Mean: 7.9
	Standard deviation: 1.9



**\*STANDARDIZED GRADE ID\* (IDGRADER)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-7  
 Invalid: 11

Valid cases: 177297  
 Invalid: 54769

**\*BOOKLET ID\* (IDBOOK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Valid cases: 177186  
 Invalid: 54880

**\*ACHIEVEMENT TEST BOOKLET\* (ITBOOK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Valid cases: 177134  
 Invalid: 54932

**\*INDICATOR FOR EXCLUDED STUDENTS\* (ITEXCLUD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11, 11

Valid cases: 353  
 Invalid: 231713

**\*STUDENT'S DATE OF BIRTH\MONTH\* (ITBIRTHM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-33  
 Invalid: 101

Valid cases: 175988  
 Invalid: 56078  
 Minimum: 1  
 Maximum: 33  
 Mean: 6.6  
 Standard deviation: 3.6

**\*STUDENT'S DATE OF BIRTHYEAR\* (ITBIRTHY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176590
Format: numeric	Invalid: 55476
Width: 3	Minimum: 0
Decimals: 0	Maximum: 89
Range: 0-89	Mean: 84.2
Invalid: 101	Standard deviation: 2.9

**\*STUDENT'S SEX\* (ITSEX)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 177241
Format: numeric	Invalid: 54825
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**\*LANGUAGE OF TESTING\* (ITLANG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 172663
Format: numeric	Invalid: 59403
Width: 4	Minimum: 1
Decimals: 0	Maximum: 339
Range: 1-339	Mean: 1.1
Invalid: 1001	Standard deviation: 3.4

**\*TEST ADMINISTRATORS POSITION\* (ITADMINI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 152087
Format: numeric	Invalid: 79979
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**\*DATE OF TESTING/MONTH\* (ITDATEM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176461
Format: numeric	Invalid: 55605
Width: 3	Minimum: 1
Decimals: 0	Maximum: 33
Range: 1-33	Mean: 5.3
Invalid: 101	Standard deviation: 2.9

**\*DATE OF TESTING/YEAR\* (ITDATEY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176217
Format: numeric	Invalid: 55849
Width: 5	Minimum: 19
Decimals: 0	Maximum: 3339
Range: 19-3339	Mean: 1999.7
Invalid: 10001	Standard deviation: 34.1

**\*PARTICIPATION STATUS/ACHIEVEMENT SESS.\* (ITPART)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 177034
Format: numeric	Invalid: 55032
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**\*RELIABILITY CODING STATUS\* (ILRELIAB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 176951
Format: numeric	Invalid: 55115
Width: 1	
Decimals: 0	
Range: 0-6	

**GEN\DATE OF BIRTH\DAY (BSBGBIRD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 158291
Format: numeric	Invalid: 73775
Width: 3	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	Mean: 15.4
Invalid: 101	Standard deviation: 8.8

**GEN\DATE OF BIRTH\MONTH (BSBGBIRM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 174851
Format: numeric	Invalid: 57215
Width: 3	Minimum: 1
Decimals: 0	Maximum: 37
Range: 1-37	Mean: 6.5
Invalid: 101	Standard deviation: 3.6

**GEN\DATE OF BIRTH\YEAR (BSBGBIRY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 175202
Format: numeric	Invalid: 56864
Width: 3	Minimum: 0
Decimals: 0	Maximum: 89
Range: 0-89	Mean: 84.4
Invalid: 101	Standard deviation: 1.5

**D:STUDENTS AGE (BSDAGE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 174730
Format: numeric	Invalid: 57336
Width: 7	Minimum: 9
Decimals: 2	Maximum: 333.4
Range: 9-333.39	Mean: 14.5
Invalid: 1001	Standard deviation: 7.1

**GEN\STUDENT'S SEX (BSBGSEX)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 174189
Format: numeric	Invalid: 57877
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\BORN IN COUNTRY (BSBGBRN1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 174513
Format: numeric	Invalid: 57553
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\BORN IN COUNTRY\AGE (BSBGBRN2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 10596
Format: numeric	Invalid: 221470
Width: 3	Minimum: 0
Decimals: 0	Maximum: 44
Range: 0-44	Mean: 8.4
Invalid: 101, 101	Standard deviation: 5.2

**GEN\SPEAK LANGUAGE OF TEST AT HOME (BSBGLANG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167003  
 Invalid: 65063

**MAT\OUTSIDE SCHL\EXTRA LESSONS (BSBMEXTR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167853  
 Invalid: 64213

**SCI\OUTSIDE SCHL\EXTRA LESSONS (BSBSEXTR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 164557  
 Invalid: 67509

**GEN\OUTSIDE SCHL\CLUBS PARTICIPATION (BSBGCLUB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 163155  
 Invalid: 68911

**GEN\OUTSIDE SCHL\WORK AT PAID JOB (BSBGPAID)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 162228  
 Invalid: 69838

**GEN\OUTSIDE SCHL\WATCH TV OR VIDEOS (BSBGDAY1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 170437  
 Invalid: 61629

**GEN\OUTSIDE SCHL\PLAY COMPUTER GAMES (BSBGDAY2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 165979  
 Invalid: 66087

**GEN\OUTSIDE SCHL\PLAY WITH FRIENDS (BSBGDAY3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 168509  
 Invalid: 63557

**GEN\OUTSIDE SCHL\DOING JOBS AT HOME (BSBGDAY4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 168477  
 Invalid: 63589

**GEN\OUTSIDE SCHL\PLAYING SPORTS (BSBGDAY5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 167949  
 Invalid: 64117

**GEN\OUTSIDE SCHL\READING A BOOK (BSBGDAY6)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 167329  
 Invalid: 64737

**MAT\OUTSIDE SCHL\STUDYING MATH (BSBMDAY7)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 166048  
 Invalid: 66018

**SCI\OUTSIDE SCHL\STUDYING SCIENCE (BSBSDAY8)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 165476  
 Invalid: 66590

**GEN\OUTSIDE SCHL\STUDYING OTHER SUBJ (BSBGDAY9)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 166486  
 Invalid: 65580

**GEN\HIGHEST EDUC LEVEL\MOTHER (BSBGEDMO)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-99  
 Invalid: 101

Valid cases: 158240  
 Invalid: 73826

**GEN\HIGHEST EDUC LEVEL\FATHER (BSBGEDFA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-99  
 Invalid: 101

Valid cases: 156050  
 Invalid: 76016

**GEN\HIGHEST EDUC LEVEL\SELF (BSBGEDSE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 166770  
 Invalid: 65296

**GEN\BORN IN COUNTRY\MOTHER (BSBGBRNM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 168849  
 Invalid: 63217

**GEN\BORN IN COUNTRY\FATHER (BSBGBRNF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 168638  
 Invalid: 63428

**GEN\# OF BOOKS IN STUDENT'S HOME (BSBGBOOK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 173058  
 Invalid: 59008



**GEN\HOME POSSESS\CALCULATOR (BSBGPS01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 174164
Format: numeric	Invalid: 57902
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\HOME POSSESS\COMPUTER (BSBGPS02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 173519
Format: numeric	Invalid: 58547
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\HOME POSSESS\STUDY DESK (BSBGPS03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 173882
Format: numeric	Invalid: 58184
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\HOME POSSESS\DICTIONARY (BSBGPS04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 173902
Format: numeric	Invalid: 58164
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\HOME POSSESS\ (BSBGPS05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 149105
Format: numeric	Invalid: 82961
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**GEN\HOME POSSESS\ (BSBGPS06)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 148985  
 Invalid: 83081

**GEN\HOME POSSESS\ (BSBGPS07)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 137707  
 Invalid: 94359

**GEN\HOME POSSESS\ (BSBGPS08)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 137577  
 Invalid: 94489

**GEN\HOME POSSESS\ (BSBGPS09)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 131122  
 Invalid: 100944

**GEN\HOME POSSESS\ (BSBGPS10)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 120383  
 Invalid: 111683

**GEN\HOME POSSESS\ (BSBGPS11)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 106580  
 Invalid: 125486

**GEN\HOME POSSESS\ (BSBGPS12)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 102452  
 Invalid: 129614

**GEN\HOME POSSESS\ (BSBGPS13)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 83258  
 Invalid: 148808

**GEN\HOME POSSESS\ (BSBGPS14)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 67070  
 Invalid: 164996

**GEN\HOME POSSESS\ (BSBGPS15)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 58936  
 Invalid: 173130

**GEN\HOME POSSESS\ (BSBGPS16)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 58953  
 Invalid: 173113

**SCI\MOTHER IMPT\DO WELL IN SCIENCE (BSBSMIP1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169888  
 Invalid: 62178

**MAT\MOTHER IMPT\DO WELL IN MATH (BSBMMIP2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 170350  
 Invalid: 61716

**GEN\MOTHER IMPT\DO WELL IN LANGUAGE (BSBGMIP3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 168903  
 Invalid: 63163

**GEN\MOTHER IMPT\HAVE TIME FOR FUN (BSBGMIP5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167586  
 Invalid: 64480

**GEN\MOTHER IMPT\GOOD IN SPORTS (BSBGMIP4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 168559  
 Invalid: 63507

**MAT\STUDENTS NEGLECT SCHOOL WORK (BSBMCLS1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169432  
 Invalid: 62634

**MAT\STUDENTS ORDERLY AND QUITE (BSBMCLS2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169534  
 Invalid: 62532

**MAT\STUDENTS DO EXACTLY AS TOLD (BSBMCLS3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169890  
 Invalid: 62176

**SCI\FRIENDS IMPT\DO WELL IN SCIENCE (BSBSFIP1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 170203  
 Invalid: 61863

**MAT\FRIENDS IMPT\DO WELL IN MATH (BSBMFIP2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 170518  
 Invalid: 61548

**GEN\FRIENDS IMPT\DO WELL IN LANGUAGE (BSBGFIP3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169240  
 Invalid: 62826

**GEN\FRIENDS IMPT\HAVE TIME FOR FUN (BSBGFIP4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169320  
 Invalid: 62746

**GEN\FRIENDS IMPT\GOOD IN SPORTS (BSBGFIP5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 169908  
 Invalid: 62158

**SCI\SELF IMPT\DO WELL IN SCIENCE (BSBSSIP1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 171056  
 Invalid: 61010

**MAT\SELF IMPT\DO WELL IN MATH (BSBMSIP2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 171436
Format: numeric	Invalid: 60630
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\SELF IMPT\DO WELL IN LANGUAGE (BSBGSIP3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 170310
Format: numeric	Invalid: 61756
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\SELF IMPT\HAVE TIME FOR FUN (BSBGSIP4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 169390
Format: numeric	Invalid: 62676
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\SELF IMPT\GOOD IN SPORTS (BSBGSIP5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 170241
Format: numeric	Invalid: 61825
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**MAT\USUALLY DO WELL IN MATH (BSBMGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 171654
Format: numeric	Invalid: 60412
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**BIO\USUALLY DO WELL IN BIOLOGY (BSBBGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 50697  
 Invalid: 181369

**EAR\USUALLY DO WELL IN EARTH SCI (BSBEGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41975  
 Invalid: 190091

**CHEM\USUALLY DO WELL IN CHEMISTRY (BSBCGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42303  
 Invalid: 189763

**PHY\USUALLY DO WELL IN PHYSICS (BSBPGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47848  
 Invalid: 184218

**MAT\LIKE MORE IF NOT SO DIFFICULT (BSBMMYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 167259  
 Invalid: 64807



**MAT\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBMMYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 170269  
 Invalid: 61797

**MAT\I AM JUST NOT TALENTED (BSBMMYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169325  
 Invalid: 62741

**MAT\I WILL NEVER REALLY UNDERSTAND IT (BSBMMYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169273  
 Invalid: 62793

**MAT\NOT ONE OF MY STRENGTHS (BSBMMYT5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169439  
 Invalid: 62627

**MAT\DO WELL\NATURAL TALENT (BSBMDOW1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170160  
 Invalid: 61906

**MAT\DO WELL\GOOD LUCK (BSBMDOW2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 169237  
 Invalid: 62829

**MAT\DO WELL\HARD WORK STUDYING (BSBMDOW3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 171605  
 Invalid: 60461

**MAT\DO WELL\MEMORIZE NOTES (BSBMDOW4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 169886  
 Invalid: 62180

**BIO\LIKE MORE IF NOT SO DIFFICULT (BSBSBYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 46623  
 Invalid: 185443

**BIO\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSBYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 50323  
 Invalid: 181743

**BIO\I AM JUST NOT TALENTED (BSBSBYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 50224  
 Invalid: 181842

**BIO\NOT ONE OF MY STRENGTHS (BSBSBYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 50256  
 Invalid: 181810

**EAR\LIKE MORE IF NOT SO DIFFICULT (BSBSEYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37940  
 Invalid: 194126

**EAR\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSEYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41657  
 Invalid: 190409

**EAR\I AM JUST NOT TALENTED (BSBSEYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41526  
 Invalid: 190540

**EAR\NOT ONE OF MY STRENGTHS (BSBSEYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41640  
 Invalid: 190426

**CHEM\LIKE MORE IF NOT SO DIFFICULT (BSBSCYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38686  
 Invalid: 193380

**CHEM\MORE DIFFICULT FOR ME THAN FOR OTHR (BSBSCYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42424  
 Invalid: 189642

**CHEM\I AM JUST NOT TALENTED (BSBSCYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 42153  
 Invalid: 189913

**CHEM\NOT ONE OF MY STRENGTHS (BSBSCYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 42236  
 Invalid: 189830

**PHY\LIKE MORE IF NOT SO DIFFICULT (BSBSPYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 43796  
 Invalid: 188270

**PHY\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSPYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47499  
 Invalid: 184567

**PHY\I AM JUST NOT TALENTED (BSBSPYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47357  
 Invalid: 184709

**PHY\NOT ONE OF MY STRENGTHS (BSBSPYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47362  
 Invalid: 184704

**SCI\DO WELL\NATURAL TALENT (BSBSDOW1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 166562  
 Invalid: 65504

**SCI\DO WELL\GOOD LUCK (BSBSDOW2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 165483  
 Invalid: 66583

**SCI\DO WELL\HARD WORK STUDYING (BSBSDOW3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167761  
 Invalid: 64305

**SCI\DO WELL\MEMORIZE NOTES (BSBSDOW4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 166573  
 Invalid: 65493

**MAT\LIKE MATHEMATICS (BSBMLIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169001  
 Invalid: 63065

**BIO\LIKE BIOLOGICAL SCIENCE (BSBBLIKB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47906  
 Invalid: 184160

**BIO\LIKE BIOLOGICAL SCIENCE (BSBBLIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 47900
Format: numeric	Invalid: 184166
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**EAR\LIKE EARTH SCIENCE (BSBELIKS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 39049
Format: numeric	Invalid: 193017
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**EAR\LIKE EARTH SCIENCE (BSBELIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 42121
Format: numeric	Invalid: 189945
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**CHEM\LIKE\CHEMISTRY (BSBCLIKC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 42333
Format: numeric	Invalid: 189733
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**CHEM\LIKE\CHEMISTRY (BSBCLIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 42322
Format: numeric	Invalid: 189744
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11, 11	

**PHY\LIKE\PHYSICS (BSBPLIKP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45002  
 Invalid: 187064

**PHY\LIKE\PHYSICS (BSBPLIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45010  
 Invalid: 187056

**MAT\LIKE COMPUTERS\MATH CLASS (BSBMLUCM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 167802  
 Invalid: 64264

**SCI\LIKE COMPUTERS\SCIENCE CLASS (BSBSLUCS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 166297  
 Invalid: 65769

**GEN\INTERNET\AT HOME (BSBGINT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 160257  
 Invalid: 71809



**GEN\INTERNET\AT SCHOOL (BSBGINT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 161141  
 Invalid: 70925

**GEN\INTERNET\ELSEWHERE (BSBGINT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 149619  
 Invalid: 82447

**GEN\INTERNET\EMAILS MATH PROJECTS (BSBGOF1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 80455  
 Invalid: 151611

**GEN\INTERNET\EMAILS SCIENCE PROJECTS (BSBGOF2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 80092  
 Invalid: 151974

**GEN\INTERNET\WWW MATH PROJECTS (BSBGOF3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 80182  
 Invalid: 151884

**GEN\INTERNET\WWW SCIENCE PROJECTS (BSBGOFT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 80185  
 Invalid: 151881

**MAT\THINK\ENJOY LEARNING MATH (BSBMENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170912  
 Invalid: 61154

**MAT\THINK\MATH IS BORING (BSBMBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169632  
 Invalid: 62434

**MAT\THINK\MATH IS AN EASY SUBJECT (BSBMEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 168106  
 Invalid: 63960

**MAT\THINK\MATH IS IMPORTANT IN LIFE (BSBMLIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170089  
 Invalid: 61977

**MAT\THINK\LIKE JOB INVOLVING MATH (BSBMWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 169804  
 Invalid: 62262

**MAT\DO WELL\TO GET DESIRED JOB (BSBMJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 171140  
 Invalid: 60926

**MAT\DO WELL\TO PLEASE PARENTS (BSBMPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 170503  
 Invalid: 61563

**MAT\DO WELL\TO ENTER DESIRED SCHOOL (BSBMSCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170744  
 Invalid: 61322

**MAT\DO WELL\TO PLEASE SELF (BSBMSELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170434  
 Invalid: 61632

**MAT\TEACHER SHOW HOW TO DO PROBLEMS (BSBMPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170463  
 Invalid: 61603

**MAT\COPY NOTES FROM THE BOARD (BSBMNOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 169693  
 Invalid: 62373

**MAT\HAVE A QUIZ OR TEST (BSBMTEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 168761  
 Invalid: 63305

**MAT\WORK ON PROJECTS (BSBMPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 164765  
 Invalid: 67301

**MAT\WORK FROM WORKSHEETS ON OUR OWN (BSBMWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 168592  
 Invalid: 63474

**MAT\USE CALCULATORS (BSBMCALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 168723  
 Invalid: 63343

**MAT\USE COMPUTERS (BSBMCOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 157511  
 Invalid: 74555

**MAT\SOLVE WITH EVERYDAY LIFE THINGS (BSBMEVLF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 168326  
 Invalid: 63740

**MAT\WORK IN PAIRS OR SMALL GROUPS (BSBMSGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 167829  
 Invalid: 64237

**MAT\TEACHER GIVES HOMEWORK (BSBMHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 168116  
 Invalid: 63950

**MAT\BEGIN HOMEWORK IN CLASS (BSBMHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 167935  
 Invalid: 64131

**MAT\TEACHER CHECKS HOMEWORK (BSBMHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 168042  
 Invalid: 64024

**MAT\CHECK EACH OTHER'S HOMEWORK (BSBMHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167630  
 Invalid: 64436

**MAT\DISCUSS COMPLETED HOMEWORK (BSBMHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 167702  
 Invalid: 64364

**MAT\TEACHER USES BOARD (BSBMUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 167883  
 Invalid: 64183

**MAT\TEACHER USES OVERHEAD (BSBMUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 165065  
 Invalid: 67001

**MAT\STUDENTS USE BOARD (BSBMUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 166517  
 Invalid: 65549

**MAT\STUDENTS USE OVERHEAD (BSBMUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 164181  
 Invalid: 67885

**MAT\TEACHER GETS INTERRUPTED (BSBMRUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 167635  
 Invalid: 64431

**MAT\TEACHER USES COMPUTER (BSBMIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 157294  
 Invalid: 74772

**MAT\NEW TOPIC\TEACHER EXPLAINS RULES (BSBMRULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 172112
Format: numeric	Invalid: 59954
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**MAT\NEW TOPIC\DISCUSS PROCTICAL PROB (BSBMPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 170336
Format: numeric	Invalid: 61730
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**MAT\NEW TOPIC\WORK IN SMALL GROUPS (BSBMSMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 169916
Format: numeric	Invalid: 62150
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**MAT\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBMASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 169998
Format: numeric	Invalid: 62068
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**MAT\NEW TOPIC\LOOK AT TEXTBOOK (BSBMTXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 170105
Format: numeric	Invalid: 61961
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	



**MAT\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBMEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 170663  
 Invalid: 61403

**SCI\STUDYING THIS YEAR\BIOLOGY (BSBBSTDY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 49593  
 Invalid: 182473

**SCI\STUDYING THIS YEAR\CHEMISTRY (BSBCSTDY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 41513  
 Invalid: 190553

**SCI\STUDYING THIS YEAR\EARTH SCIENCE (BSBESTDY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 43468  
 Invalid: 188598

**SCI\STUDYING THIS YEAR\PHYSICS (BSBPSTDY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 49552  
 Invalid: 182514

**BIO\THINK\ENJOY LEARNING BIOLOGY (BSBBENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 49048  
 Invalid: 183018

**BIO\THINK\BIOLOGY IS BORING (BSBBBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48486  
 Invalid: 183580

**BIO\THINK\BIOLOGY IS AN EASY SUBJECT (BSBBEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48379  
 Invalid: 183687

**BIO\THINK\BIOLOGY IS IMPORT IN LIFE (BSBBLIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48630  
 Invalid: 183436

**BIO\THINK\LIKE JOB INVOLVING BIOLOGY (BSBBWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48551  
 Invalid: 183515

**BIO\DO WELL\TO GET DESIRED JOB (BSBBJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48802  
 Invalid: 183264

**BIO\DO WELL\TO PLEASE PARENTS (BSBBPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48694  
 Invalid: 183372

**BIO\DO WELL\TO ENTER DESIRED SCHOOL (BSBBSCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48687  
 Invalid: 183379

**BIO\DO WELL\TO PLEASE SELF (BSBBSELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48760  
 Invalid: 183306

**BIO\TEACHER SHOW HOW TO DO PROBLEMS (BSBBPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 46501  
 Invalid: 185565

**BIO\COPY NOTES FROM THE BOARD (BSBBNOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 46314  
 Invalid: 185752

**BIO\HAVE A QUIZ OR TEST (BSBBTEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 46097  
 Invalid: 185969

**BIO\WORK ON PROJECTS (BSBBPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 43074  
 Invalid: 188992

**BIO\WORK FROM WORKSHEETS ON OUR OWN (BSBBWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 46068  
 Invalid: 185998

**BIO\USE CALCULATORS (BSBBCALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45955  
 Invalid: 186111

**BIO\USE COMPUTERS (BSBBCOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44941  
 Invalid: 187125

**BIO\SOLVE WITH EVERYDAY LIFE THINGS (BSBBEVLf)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45908  
 Invalid: 186158

**BIO\WORK IN PAIRS OR SMALL GROUPS (BSBBSGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45840  
 Invalid: 186226

**BIO\TEACHER GIVES HOMEWORK (BSBBHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45807  
 Invalid: 186259

**BIO\BEGIN HOMEWORK IN CLASS (BSBBHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45661  
 Invalid: 186405

**BIO\TEACHER CHECKS HOMEWORK (BSBBHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45713  
 Invalid: 186353

**BIO\CHECK EACH OTHER'S HOMEWORK (BSBBHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45608  
 Invalid: 186458

**BIO\DISCUSS COMPLETED HOMEWORK (BSBBHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45445  
 Invalid: 186621

**BIO\TEACHER GIVES DEMOSTRATION (BSBBDEMO)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45633  
 Invalid: 186433

**BIO\STUDENTS DO EXPERIMENT IN CLASS (BSBBEXPR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45582  
 Invalid: 186484

**BIO\TEACHER USES BOARD (BSBBUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45576  
 Invalid: 186490

**BIO\TEACHER USES OVERHEAD (BSBBUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45123  
 Invalid: 186943

**BIO\STUDENTS USE BOARD (BSBBUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 45466  
 Invalid: 186600

**BIO\STUDENTS USE OVERHEAD (BSBBUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44697  
 Invalid: 187369

**BIO\TEACHER GETS INTERRUPTED (BSBBRUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45446  
 Invalid: 186620

**BIO\TEACHER USES COMPUTER (BSBBIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44697  
 Invalid: 187369

**BIO\NEW TOPIC\TEACHER EXPLAINS RULES (BSBBRULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48539  
 Invalid: 183527

**BIO\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBBPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48079  
 Invalid: 183987

**BIO\NEW TOPIC\WORK IN SMALL GROUPS (BSBBSMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 47896  
 Invalid: 184170

**BIO\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBBASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48072  
 Invalid: 183994



**BIO\NEW TOPIC\LOOK AT TEXTBOOK (BSBBTXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 48068  
 Invalid: 183998

**BIO\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBBEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48133  
 Invalid: 183933

**CHE\THINK\ENJOY LEARNING CHEMISTRY (BSBCENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40888  
 Invalid: 191178

**CHE\THINK\CHEMISTRY IS BORING (BSBCBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40526  
 Invalid: 191540

**CHE\THINK\CHEM IS AN EASY SUBJECT (BSBCEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40181  
 Invalid: 191885

**CHE\THINK\CHEM IS IMPORT IN LIFE (BSBCLIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40522  
 Invalid: 191544

**CHE\THINK\LIKE JOB INVOLVING CHEM (BSBCWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 40540  
 Invalid: 191526

**CHE\DO WELL\TO GET DESIRED JOB (BSBCJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 40731  
 Invalid: 191335

**CHE\DO WELL\TO PLEASE PARENTS (BSBCPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40562  
 Invalid: 191504

**CHE\DO WELL\TO ENTER DESIRED SCHOOL (BSBCSCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40578  
 Invalid: 191488

**CHE\DO WELL\TO PLEASE SELF (BSBCSELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40559  
 Invalid: 191507

**CHE\TEACHER SHOW HOW TO DO PROBLEMS (BSBCPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38581  
 Invalid: 193485

**CHE\COPY NOTES FROM THE BOARD (BSBCNOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38309  
 Invalid: 193757

**CHE\HAVE A QUIZ OR TEST (BSBCTEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37947  
 Invalid: 194119

**CHE\WORK ON PROJECTS (BSBCPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 35128  
 Invalid: 196938

**CHE\WORK FROM WORKSHEETS ON OUR OWN (BSBCWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38010  
 Invalid: 194056

**CHE\USE CALCULATORS (BSBCCALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37933  
 Invalid: 194133

**CHE\USE COMPUTERS (BSBCCOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 36906  
 Invalid: 195160

**CHE\SOLVE WITH EVERYDAY LIFE THINGS (BSBCEVLF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37952  
 Invalid: 194114

**CHE\WORK IN PAIRS OR SMALL GROUPS (BSBCSGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37708  
 Invalid: 194358

**CHE\TEACHER GIVES HOMEWORK (BSBCHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37833  
 Invalid: 194233

**CHE\BEGIN HOMEWORK IN CLASS (BSBCHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37770  
 Invalid: 194296

**CHE\TEACHER CHECKS HOMEWORK (BSBCHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37793  
 Invalid: 194273

**CHE\CHECK EACH OTHER'S HOMEWORK (BSBCHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37685  
 Invalid: 194381

**CHE\DISCUSS COMPLETED HOMEWORK (BSBCHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37635  
 Invalid: 194431

**CHE\TEACHER GIVES DEMOSTRATION (BSBCDEMO)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37619  
 Invalid: 194447

**CHE\STUDENTS DO EXPERIMENT IN CLASS (BSBCEXPR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37629  
 Invalid: 194437

**CHE\TEACHER USES BOARD (BSBCUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37529  
 Invalid: 194537

**CHE\TEACHER USES OVERHEAD (BSBCUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37198  
 Invalid: 194868

**CHE\STUDENTS USE BOARD (BSBCUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37546  
 Invalid: 194520

**CHE\STUDENTS USE OVERHEAD (BSBCUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37028  
 Invalid: 195038

**CHE\TEACHER GETS INTERRUPTED (BSBCRUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37563  
 Invalid: 194503

**CHE\TEACHER USES COMPUTER (BSBCIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 36427  
 Invalid: 195639

**CHE\NEW TOPIC\TEACHER EXPLAINS RULES (BSBCRULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40388  
 Invalid: 191678

**CHE\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBCPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 39957  
 Invalid: 192109

**CHE\NEW TOPIC\WORK IN SMALL GROUPS (BSBCSMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 39784  
 Invalid: 192282

**CHE\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBCASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 39909  
 Invalid: 192157

**CHE\NEW TOPIC\LOOK AT TEXTBOOK (BSBCTXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 39900  
 Invalid: 192166

**CHE\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBCEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 40003  
 Invalid: 192063

**EAR\THINK\ENJOY LEARNING EARTH SCI (BSBEENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38964  
 Invalid: 193102



**EAR\THINK\EARTH SCI IS BORING (BSBEBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38582  
 Invalid: 193484

**EAR\THINK\EARTH SCI EASY SUBJECT (BSBEEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38397  
 Invalid: 193669

**EAR\THINK\EARTH SCI IMPORT IN LIFE (BSBELIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38595  
 Invalid: 193471

**EAR\THINK\JOB INVOLVING EARTH SCI (BSBEWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38589  
 Invalid: 193477

**EAR\DO WELL\TO GET DESIRED JOB (BSBEJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38626  
 Invalid: 193440

**EAR\DO WELL\TO PLEASE PARENTS (BSBEPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38551  
 Invalid: 193515

**EAR\DO WELL\TO ENTER DESIRED SCHOOL (BSBESCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38556  
 Invalid: 193510

**EAR\DO WELL\TO PLEASE SELF (BSBESELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38631  
 Invalid: 193435

**EAR\TEACHER SHOW HOW TO DO PROBLEMS (BSBEPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38928  
 Invalid: 193138

**EAR\COPY NOTES FROM THE BOARD (BSBENOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38778  
 Invalid: 193288

**EAR\HAVE A QUIZ OR TEST (BSBETEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38450  
 Invalid: 193616

**EAR\WORK ON PROJECTS (BSBEPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38357  
 Invalid: 193709

**EAR\WORK FROM WORKSHEETS ON OWR OWN (BSBEWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38591  
 Invalid: 193475

**EAR\USE CALCULATORS (BSBECALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38498  
 Invalid: 193568

**EAR\USE COMPUTERS (BSBECOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37629  
 Invalid: 194437

**EAR\SOLVE WITH EVERYDAY LIFE THINGS (BSBEEVLF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38437  
 Invalid: 193629

**EAR\WORK IN PAIRS OR SMALL GROUPS (BSBESGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38335  
 Invalid: 193731

**EAR\TEACHER GIVES HOMEWORK (BSBEHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38284  
 Invalid: 193782

**EAR\BEGIN HOMEWORK IN CLASS (BSBEHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38295  
 Invalid: 193771

**EAR\TEACHER CHECKS HOMEWORK (BSBEHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38239  
 Invalid: 193827

**EAR\CHECK EACH OTHER'S HOMEWORK (BSBEHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38179  
 Invalid: 193887

**EAR\DISCUSS COMPLETED HOMEWORK (BSBEHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38114  
 Invalid: 193952

**EAR\TEACHER GIVES DEMOSTRATION (BSBEDEMO)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38092  
 Invalid: 193974

**EAR\STUDENTS DO EXPERIMENT IN CLASS (BSBEEXPR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38119  
 Invalid: 193947

**EAR\TEACHER USES BOARD (BSBEUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38173  
 Invalid: 193893

**EAR\TEACHER USES OVERHEAD (BSBEUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37914  
 Invalid: 194152

**EAR\STUDENTS USE BOARD (BSBEUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38111  
 Invalid: 193955

**EAR\STUDENTS USE OVERHEAD (BSBEUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 37594  
 Invalid: 194472

**EAR\TEACHER GETS INTERRUPTED (BSBERUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38114  
 Invalid: 193952

**EAR\TEACHER USES COMPUTER (BSBEIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 37261  
 Invalid: 194805

**EAR\NEW TOPIC\TEACHER EXPLAINS RULES (BSBERULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38645  
 Invalid: 193421

**EAR\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBEPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38340  
 Invalid: 193726

**EAR\NEW TOPIC\WORK IN SMALL GROUPS (BSBESMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38193  
 Invalid: 193873

**EAR\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBEASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38228  
 Invalid: 193838

**EAR\NEW TOPIC\LOOK AT TEXTBOOK (BSBETXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38254  
 Invalid: 193812

**EAR\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBEEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 38355  
 Invalid: 193711

**PHY\THINK\ENJOY LEARNING PHYSICS (BSBPENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 45250  
 Invalid: 186816

**PHY\THINK\PHYSICS IS BORING (BSBPBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44740  
 Invalid: 187326

**PHY\THINK\PHYSICS IS EASY SUBJECT (BSBPEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 44324  
 Invalid: 187742

**PHY\THINK\PHYSICS IMPORT IN LIFE (BSBPLIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44746  
 Invalid: 187320



**PHY\THINK\JOB INVOLVING PHYSICS (BSBPWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44780  
 Invalid: 187286

**PHY\DO WELL\TO GET DESIRED JOB (BSBPJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 44822  
 Invalid: 187244

**PHY\DO WELL\TO PLEASE PARENTS (BSBPPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 44706  
 Invalid: 187360

**PHY\DO WELL\TO ENTER DESIRED SCHOOL (BSBPSCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44766  
 Invalid: 187300

**PHY\DO WELL\TO PLEASE SELF (BSBPSELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44789  
 Invalid: 187277

**PHY\TEACHER SHOW HOW TO DO PROBLEMS (BSBPPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 42811  
 Invalid: 189255

**PHY\COPY NOTES FROM THE BOARD (BSBPNOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42508  
 Invalid: 189558

**PHY\HAVE A QUIZ OR TEST (BSBPTEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 42206  
 Invalid: 189860

**PHY\WORK ON PROJECTS (BSBPPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 39304  
 Invalid: 192762

**PHY\WORK FROM WORKSHEETS ON OUR OWN (BSBPWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42207  
 Invalid: 189859

**PHY\USE CALCULATORS (BSBPCALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42171  
 Invalid: 189895

**PHY\USE COMPUTERS (BSBPCOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41047  
 Invalid: 191019

**PHY\SOLVE WITH EVERYDAY LIFE THINGS (BSBPVLF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 42146  
 Invalid: 189920

**PHY\WORK IN PAIRS OR SMALL GROUPS (BSBPSGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41937  
 Invalid: 190129

**PHY\TEACHER GIVES HOMEWORK (BSBPHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41965  
 Invalid: 190101

**PHY\BEGIN HOMEWORK IN CLASS (BSBPHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 42000  
 Invalid: 190066

**PHY\TEACHER CHECKS HOMEWORK (BSBPHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41912  
 Invalid: 190154

**PHY\CHECK EACH OTHER'S HOMEWORK (BSBPHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41819  
 Invalid: 190247

**PHY\DISCUSS COMPLETED HOMEWORK (BSBPHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41740  
 Invalid: 190326

**PHY\TEACHER GIVES DEMONSTRATION (BSBPDEMO)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41767  
 Invalid: 190299

**PHY\STUDENTS DO EXPERIMENT IN CLASS (BSBPEXPR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41701  
 Invalid: 190365

**PHY\TEACHER USES BOARD (BSBPUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41729  
 Invalid: 190337

**PHY\TEACHER USES OVERHEAD (BSBPUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41273  
 Invalid: 190793

**PHY\STUDENTS USE BOARD (BSBPUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41607  
 Invalid: 190459

**PHY\STUDENTS USE OVERHEAD (BSBPUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 41025  
 Invalid: 191041

**PHY\TEACHER GETS INTERRUPTED (BSBPRUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41658  
 Invalid: 190408

**PHY\TEACHER USES COMPUTER (BSBPIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 40584  
 Invalid: 191482

**PHY\NEW TOPIC\TEACHER EXPLAINS RULES (BSBPRULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44824  
 Invalid: 187242

**PHY\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBPPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44383  
 Invalid: 187683

**PHY\NEW TOPIC\WORK IN SMALL GROUPS (BSBPSMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44144  
 Invalid: 187922

**PHY\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBPASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 44252  
 Invalid: 187814

**PHY\NEW TOPIC\LOOK AT TEXTBOOK (BSBPTXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44305  
 Invalid: 187761

**PHY\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBPEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44377  
 Invalid: 187689

**GEN\STUDENT LIVES WITH\MOTHER (BSBGADU1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 134380  
 Invalid: 97686

**GEN\STUDENT LIVES WITH\FATHER (BSBGADU2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 133901  
 Invalid: 98165

**GEN\STUDENT LIVES WITH\BROTHERS(S) (BSBGADU3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 131742  
 Invalid: 100324

**GEN\STUDENT LIVES WITH\SISTER(S) (BSBGADU4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 131215  
 Invalid: 100851

**GEN\STUDENT LIVES WITH\STEPMOTHER (BSBGADU5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 128328  
 Invalid: 103738

**GEN\STUDENT LIVES WITH\STEPFATHER (BSBGADU6)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 128366  
 Invalid: 103700

**GEN\STUDENT LIVES WITH\GRANDPRNT(S) (BSBGADU7)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 132499  
 Invalid: 99567



**GEN\STUDENT LIVES WITH\RELATIVE(S) (BSBGADU8)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 132646
Format: numeric	Invalid: 99420
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\STUDENT LIVES WIHT\OTHER(S) (BSBGADU9)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 132157
Format: numeric	Invalid: 99909
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11	

**GEN\# OF PEOPLE LIVING IN HOME (BSBGHOME)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 131866
Format: numeric	Invalid: 100200
Width: 3	Minimum: 2
Decimals: 0	Maximum: 67
Range: 2-67	Mean: 5.5
Invalid: 101	Standard deviation: 2.7

**GEN\READ A BOOK (BSBGACT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 140346
Format: numeric	Invalid: 91720
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**GEN\VISIT A MUSEUM (BSBGACT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 138468
Format: numeric	Invalid: 93598
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11, 11	

**GEN\ATTEND A CONCERT (BSBGACT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 131556  
 Invalid: 100510

**GEN\GO TO THE THEATRE (BSBGACT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 131381  
 Invalid: 100685

**GEN\GO TO THE MOVIES (BSBGACT5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 138393  
 Invalid: 93673

**GEN\WATCH NEWS OR DOCUMENTATIES (BSBGNEWS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 147999  
 Invalid: 84067

**GEN\WATCH OPERA,BALLET,CLASS. MUSIC (BSBGOPER)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 139899  
 Invalid: 92167

**GEN\WATCH NATURE,WILDLIFE,HISTORY (BSBGNATR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146448  
 Invalid: 85618

**GEN\WATCH POPULAR MUSIC (BSBGPOPU)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146410  
 Invalid: 85656

**GEN\WATCH SPORTS (BSBGSPRT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146975  
 Invalid: 85091

**GEN\WATCH VIDEO GAMES (BSBGVIDE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 145777  
 Invalid: 86289

**GEN\WATCH CARTOONS (BSBGCRTN)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146515  
 Invalid: 85551

**GEN\WATCH COMEDY,ADVENTURE,SUSPENSE (BSBGCMYD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 147260  
 Invalid: 84806

**GEN\STUDENT SKIPPED A CLASS (BSBGSSKP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 153556  
 Invalid: 78510

**GEN\STUDENT HAD SOMETHING STOLEN (BSBGSSTL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 152898  
 Invalid: 79168

**GEN\STUDENT THOUGHT MIGHT GET HURT (BSBGSHRT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 152078  
 Invalid: 79988

**GEN\FRIEND SKIPPED A CLASS (BSBGFSKP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 152121  
 Invalid: 79945

**GEN\FRIEND HAD SOMETHING STOLEN (BSBGFSTL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 151957  
 Invalid: 80109

**GEN\FRIEND THOUGHT MIGHT GET HURT (BSBGFHRT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 152695  
 Invalid: 79371

**GEN\AIR POLLUTION (BSBGENV1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146639  
 Invalid: 85427

**GEN\WATER POLLUTION (BSBGENV2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 146013  
 Invalid: 86053

**GEN\DESTRUCTION OF FORESTS (BSBGENV3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 145371  
 Invalid: 86695

**GEN\ENDANGERED SPECIES (BSBGENV4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 144875  
 Invalid: 87191

**GEN\DAMAGE TO OZONE LAYER (BSBGENV5)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 144779  
 Invalid: 87287

**GEN\PROBLEMS FR NUCLEAR POWER PLANTS (BSBGENV6)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 145330  
 Invalid: 86736

**SCI\CHOOSE OF CARRER IN SCIENCE (BSBSCARE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 127678  
 Invalid: 104388

**SCI\DIFFICULT\WLD MORE LIKE IF LESS DIFF (BSBSSYT1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 114103  
 Invalid: 117963

**SCI\DIFFICULT\MORE DIFF THAN FOR CLSMATE (BSBSSYT2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 119193  
 Invalid: 112873

**SCI\DIFFICULT\I AM JUST NOT TALENTED (BSBSSYT3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118722  
 Invalid: 113344

**SCI\DIFFICULT\NOT ONE OF MY STRENGTHS (BSBSSYT4)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118655  
 Invalid: 113411

**MAT\LIKE MATHEMATICS (BSBMLIKM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 169014  
 Invalid: 63052

**SCI\LIKE SCIENCE (BSBSLIKE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 120135  
 Invalid: 111931

**SCI\LIKE SCIENCE (BSBSLIKS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 120155  
 Invalid: 111911

**SCI\STUDYING SCIENCE THIS YEAR (BSBSSCYE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 120005  
 Invalid: 112061

**SCI\THINK\ENJOY LEARNING SCIENCE (BSBSENJY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 119500  
 Invalid: 112566

**SCI\THINK\SCIENCE IS BORING (BSBSBORE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118505  
 Invalid: 113561

**SCI\THINK\SCIENCE IS AN EASY SUBJECT (BSBSEASY)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 118060  
 Invalid: 114006



**SCI\THINK\SCIENCE IS IMPORT IN LIFE (BSBSLIFE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118751  
 Invalid: 113315

**SCI\THINK\LIKE JOB INVOLVING SCIENCE (BSBSWORK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118820  
 Invalid: 113246

**SCI\DO WELL\TO GET DESIRED JOB (BSBSJOB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 119086  
 Invalid: 112980

**SCI\DO WELL\TO PLEASE PARENTS (BSBSPRNT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118742  
 Invalid: 113324

**SCI\DO WELL\TO ENTER DESIRED SCHOOL (BSBSSCHL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118982  
 Invalid: 113084

**SCI\DO WELL\TO PLEASE SELF (BSBSSELF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118793  
 Invalid: 113273

**SCI\TEACHER SHOW HOW TO DO PROBLEMS (BSBSPROB)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 119032  
 Invalid: 113034

**SCI\COPY NOTES FROM THE BOARD (BSBSNOTE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118560  
 Invalid: 113506

**SCI\HAVE A QUIZ OR TEST (BSBSTEST)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118096  
 Invalid: 113970

**SCI\WORK ON PROJECTS (BSBSPROJ)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117614  
 Invalid: 114452

**SCI\WORK FROM WORKSHEETS ON OUR OWN (BSBSWSHT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117983  
 Invalid: 114083

**SCI\USE CALCULATORS (BSBSCALC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118061  
 Invalid: 114005

**SCI\USE COMPUTERS (BSBSCOMP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 108056  
 Invalid: 124010

**SCI\SOLVE WITH EVERYDAY LIFE THINGS (BSBSEVLF)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117780  
 Invalid: 114286

**SCI\WORK IN PAIRS OR SMALL GROUPS (BSBSSGRP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117396  
 Invalid: 114670

**SCI\TEACHER GIVES HOMEWORK (BSBSHWGV)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 117470  
 Invalid: 114596

**SCI\BEGIN HOMEWORK IN CLASS (BSBSHWCL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117413  
 Invalid: 114653

**SCI\TEACHER CHECKS HOMEWORK (BSBSHWTC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117322  
 Invalid: 114744

**SCI\CHECK EACH OTHER'S HOMEWORK (BSBSHWFC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116944  
 Invalid: 115122

**SCI\DISCUSS COMPLETED HOMEWORK (BSBSHWDS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116885  
 Invalid: 115181

**SCI\TEACHER GIVES DEMOSTRATION (BSBSDemo)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116856  
 Invalid: 115210

**SCI\STUDENTS DO EXPERIMENT IN CLASS (BSBSEXPR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116977  
 Invalid: 115089

**SCI\TEACHER USES BOARD (BSBSUSBT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116724  
 Invalid: 115342

**SCI\TEACHER USES OVERHEAD (BSBSUSOT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 115993  
 Invalid: 116073

**SCI\STUDENTS USE BOARD (BSBSUSBS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 116484  
 Invalid: 115582

**SCI\STUDENTS USE OVERHEAD (BSBSUSOS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 114943  
 Invalid: 117123

**SCI\TEACHER GETS INTERRUPTED (BSBSRUPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117001  
 Invalid: 115065

**SCI\TEACHER USES COMPUTER (BSBSIDEA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 107389  
 Invalid: 124677

**SCI\NEW TOPIC\TEACHER EXPLAINS RULES (BSBSRULE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 118320  
 Invalid: 113746

**SCI\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBSPRAC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117528  
 Invalid: 114538

**SCI\NEW TOPIC\WORK IN SMALL GROUPS (BSBSSMGP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117166  
 Invalid: 114900

**SCI\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBSASK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117196  
 Invalid: 114870

**SCI\NEW TOPIC\LOOK AT TEXTBOOK (BSBSTXBK)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117342  
 Invalid: 114724

**SCI\SOLVE EXAMPLE RELATED TO PROBLEM (BSBSEG)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 117581  
 Invalid: 114485

**SCI\USUALLY DO WELL IN SCIENCE (BSBSGOOD)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 119987  
 Invalid: 112079

**GEN\HIGHEST EDUC LEVEL\PARENTS (BSDGEDUP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 160596  
 Invalid: 71470

**GEN\POSSESS ALL\COMPUTER\DESK\DICTIONARY (BSDGPSA)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 172280  
 Invalid: 59786

**GEN\INDEX OF HOME EDUCATIONAL RESOURCES (BSDGHERI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 163864  
 Invalid: 68202

**GEN\PEER PRESS ON ACADEMIC WORK (BSDGSPPI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 169787  
 Invalid: 62279

**GEN\OUT-OF-SCHOOL STUDY TIME (BSDGOSTI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 149707  
 Invalid: 82359



**MAT\OUTSIDE SCHL\STUDY MATH (BSDMDAY7)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 165801
Format: numeric	Invalid: 66265
Width: 5	Minimum: 0
Decimals: 1	Maximum: 33.3
Range: 0-33.3	Mean: 1.1
Invalid: 101	Standard deviation: 1.3

**SCI\OUTSIDE SCHL\STUDY SCIENCE (BSDSDAY8)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 165295
Format: numeric	Invalid: 66771
Width: 5	Minimum: 0
Decimals: 1	Maximum: 33.3
Range: 0-33.3	Mean: 1
Invalid: 101	Standard deviation: 1.2

**GEN\OUTSIDE SCHL\STUDY OTHER SUBJ (BSDGDAY9)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 166318
Format: numeric	Invalid: 65748
Width: 5	Minimum: 0
Decimals: 1	Maximum: 33.3
Range: 0-33.3	Mean: 1.4
Invalid: 101	Standard deviation: 1.5

**GEN\OUTSIDE SCHL\STUDY ALL 3 FIELDS (BSDGSALL)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 163066
Format: numeric	Invalid: 69000
Width: 2	
Decimals: 0	
Range: 0-9	
Invalid: 11, 11	

**MAT\INDEX OF CONFIDENCE IN MATH ABILITY (BSDMCMAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 168929
Format: numeric	Invalid: 63137
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11, 11	

## **MAT\POSITIVE ATTITUDE\TOWARD MATHEMATICS (BSDMPATM)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 169567  
Invalid: 62499

## **GEN\DAILY HOURS SPENT STUDYING (DPC) (BSDGSTDT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

### **Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 2  
Range: 0-333.33  
Invalid: 1001

Valid cases: 149659  
Invalid: 82407  
Minimum: 0  
Maximum: 333.3  
Mean: 2.8  
Standard deviation: 2

## **SCI\INDEX OF CONFIDENCE IN SCIENCE ABILI (BSDSCSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-9  
Invalid: 11

Valid cases: 118626  
Invalid: 113440

## **SCI\INDEX OF CONFIDENCE IN EARTH SCIENCE (BSDECSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

### **Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-9  
Invalid: 11, 11

Valid cases: 41314  
Invalid: 190752

## **SCI\INDEX OF CONFIDENCE IN BIOLOGY ABILI (BSDBCSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

### **Overview**

**SCI\INDEX OF CONFIDENCE IN BIOLOGY ABILI (BSDBCSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 49998  
 Invalid: 182068

**SCI\INDEX OF CONFIDENCE IN CHEMISTRY ABI (BSDCCSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 41987  
 Invalid: 190079

**SCI\INDEX OF CONFIDENCE IN PHYSICS ABILI (BSDPCSAI)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 47161  
 Invalid: 184905

**SCI\POSITIVE ATTITUDE\TOWARD SCIENCE (BSDSPATS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11

Valid cases: 118639  
 Invalid: 113427

**SCI\POSITIVE ATTITUDE\TOWARD EARTH SCIEN (BSDEPATS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 38562  
 Invalid: 193504

**SCI\POSITIVE ATTITUDE\TOWARD BIOLOGY (BSDBPATS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 48469  
 Invalid: 183597

**SCI\POSITIVE ATTITUDE\TOWARD CHEMISTRY (BSDCPATS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-9  
 Invalid: 11, 11

Valid cases: 40430  
 Invalid: 191636

**SCI\POSITIVE ATTITUDE\TOWARD PHYSICS (BSDPPATS)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 44729  
 Invalid: 187337

**\*TOTAL STUDENT WEIGHT\* (TOTWGT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1730.08979

Valid cases: 176668  
 Invalid: 55398  
 Minimum: 1  
 Maximum: 1730.1  
 Mean: 105.7  
 Standard deviation: 143.9

**\*HOUSE WEIGHT\* (HOUWGT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0.009361-25.098368

Valid cases: 176668  
 Invalid: 55398  
 Minimum: 0  
 Maximum: 25.1  
 Mean: 1  
 Standard deviation: 0.5

**\*SENATE WEIGHT\* (SENWGT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 0.00108-2.38623

Valid cases: 176668  
 Invalid: 55398

**\*SCHOOL WEIGHT FACTOR\* (WGTFAC1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0.94672-1644.7666

Valid cases: 176668  
 Invalid: 55398  
 Minimum: 0.9  
 Maximum: 1644.8  
 Mean: 29.7  
 Standard deviation: 68.2

**\*SCHOOL WEIGHT ADJUSTMENT\* (WGTADJ1)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-1.8

Valid cases: 176668  
 Invalid: 55398

**\*CLASS WEIGHT FACTOR\* (WGTFAC2)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-60

Valid cases: 176668  
 Invalid: 55398  
 Minimum: 1  
 Maximum: 60  
 Mean: 5.6  
 Standard deviation: 4.8

**\*STUDENT WEIGHT FACTOR\* (WGTFAC3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0.706406-3.12

Valid cases: 176668  
 Invalid: 55398

**\*STUDENT WEIGHT ADJUSTMENT\* (WGTADJ3)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1-3.25

Valid cases: 176668  
 Invalid: 55398

**\*JACKKNIFE ZONE\* (JKZONE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-75

Valid cases: 176673  
 Invalid: 55393  
 Minimum: 1  
 Maximum: 75  
 Mean: 34.7  
 Standard deviation: 21

**\*JACKKNIFE REPLICATE CODE\* (JKREP)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-3

Valid cases: 176672  
 Invalid: 55394

**\*IN 1995 ASSESSMENT POPULATION\* (INTMS95)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

Valid cases: 176672  
 Invalid: 55394

**\*IN 1999 ASSESSMENT POPULATION\* (INTMS99)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 176674  
 Invalid: 55392

**\*STANDARDIZED MATH RAW SCORE (50,10)\* (BSMSTDR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 7	Minimum: 4.6
Decimals: 0	Maximum: 113.3
Range: 4.629-113.321	Mean: 50.2
	Standard deviation: 10

**\*NATIONAL MATH RASCH SCORE (150,10)\* (BSMNRSC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 7	Minimum: 101.1
Decimals: 0	Maximum: 214.5
Range: 101.103-214.507	Mean: 150.2
	Standard deviation: 10

**\*RAW SCORE ON MATH ITEMS\* (BSMSCPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176669
Format: numeric	Invalid: 55397
Width: 2	Minimum: 0
Decimals: 0	Maximum: 47
Range: 0-47	Mean: 21.2
	Standard deviation: 10.1

**\*STANDARDIZED SCIENCE RAW SCORE (50,10)\* (BSSSTDR)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5.1
Decimals: 0	Maximum: 98.9
Range: 5.106-98.856	Mean: 50.2
	Standard deviation: 10

**\*NATIONAL SCIENCE RASCH SCORE (150,10)\* (BSSNRSC)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 7	Minimum: 84.5
Decimals: 0	Maximum: 224.3
Range: 84.453-224.269	Mean: 150.2
	Standard deviation: 10

**\*RAW SCORE ON SCIENCE ITEM\* (BSSCPT)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176674
Format: numeric	Invalid: 55392
Width: 2	Minimum: 0
Decimals: 0	Maximum: 44
Range: 0-44	Mean: 20.3
	Standard deviation: 7.4

**\*1ST PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 912
Range: 5-912.04	Mean: 480.9
	Standard deviation: 117.9

**\*2ND PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 937.7
Range: 5-937.73	Mean: 480.4
	Standard deviation: 119.1

**\*3RD PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 937.2
Range: 5-937.21	Mean: 480.7
	Standard deviation: 119.3

**\*4TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 921.4
Range: 5-921.35	Mean: 480.3
	Standard deviation: 118.7



**\*5TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 922.7
Range: 5-922.73	Mean: 480.9
	Standard deviation: 118.5

**\*1ST PLAUSIBLE VALUE SCIENCE\* (BSSSCI01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 900.4
Range: 5-900.41	Mean: 478.7
	Standard deviation: 120.1

**\*2ND PLAUSIBLE VALUE SCIENCE\* (BSSSCI02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 903.5
Range: 5-903.53	Mean: 478.5
	Standard deviation: 119.2

**\*3RD PLAUSIBLE VALUE SCIENCE\* (BSSSCI03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 916.2
Range: 5-916.23	Mean: 479
	Standard deviation: 119.2

**\*4TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 926.7
Range: 5-926.73	Mean: 478.3
	Standard deviation: 119.9

**\*5TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 5	Minimum: 5
Decimals: 0	Maximum: 953.8
Range: 5-953.8	Mean: 478.3
	Standard deviation: 120

**\*1ST PV ALGEBRA\* (BSMALG01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 985.7
Range: 5-985.73	Mean: 481.7
	Standard deviation: 118.9

**\*2ND PV ALGEBRA\* (BSMALG02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.3
	Standard deviation: 118.6

**\*3RD PV ALGEBRA\* (BSMALG03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 968
Range: 5-968.03	Mean: 480.8
	Standard deviation: 118.4

**\*4TH PV ALGEBRA\* (BSMALG04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 942.1
Range: 5-942.08	Mean: 481
	Standard deviation: 119.7

**\*5TH PV ALGEBRA\* (BSMALG05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.2
	Standard deviation: 118.8

**\*1ST PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.8
	Standard deviation: 112.7

**\*2ND PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.4
	Standard deviation: 112.4

**\*3RD PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.6
	Standard deviation: 113.3

**\*4TH PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.5
	Standard deviation: 113.3

**\*5TH PV DATA REPR., ANALYSIS, PROBABILITY\* (BSMDAP05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.4
	Standard deviation: 113.9

**\*1ST PV FRACTIONS + NUMBER SENSE\* (BSMFNS01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 955.4
Range: 5-955.44	Mean: 482.5
	Standard deviation: 117.1

**\*2ND PV FRACTIONS + NUMBER SENSE\* (BSMFNS02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 933.4
Range: 5-933.42	Mean: 482.4
	Standard deviation: 117.2

**\*3RD PV FRACTIONS + NUMBER SENSE\* (BSMFNS03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 939.9
Range: 5-939.94	Mean: 481.7
	Standard deviation: 117.5

**\*4TH PV FRACTIONS + NUMBER SENSE\* (BSMFNS04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 953.1
Range: 5-953.13	Mean: 482.7
	Standard deviation: 117.4

**\*5TH PV FRACTIONS + NUMBER SENSE\* (BSMFNS05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 898.5
Range: 5-898.54	Mean: 481.7
	Standard deviation: 116.6

**\*1ST PV GEOMETRY\* (BSMGEO01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.8
	Standard deviation: 114.1

**\*2ND PV GEOMETRY\* (BSMGEO02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.1
	Standard deviation: 114.8

**\*3RD PV GEOMETRY\* (BSMGEO03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.6
	Standard deviation: 115.2

**\*4TH PV GEOMETRY\* (BSMGEO04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.4
	Standard deviation: 116.5

**\*5TH PV GEOMETRY\* (BSMGEO05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.2
	Standard deviation: 116

**\*1ST PV MEASUREMENT\* (BSMMEA01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 923
Range: 5-923.03	Mean: 480.2
	Standard deviation: 116.5

**\*2ND PV MEASUREMENT\* (BSMMEA02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 970.9
Range: 5-970.88	Mean: 479.9
	Standard deviation: 116

**\*3RD PV MEASUREMENT\* (BSMMEA03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 957
Range: 5-957.04	Mean: 479.6
	Standard deviation: 116.5

**\*4TH PV MEASUREMENT\* (BSMMEA04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 931
Range: 5-930.99	Mean: 479.4
	Standard deviation: 117.3

**\*5TH PV MEASUREMENT\* (BSMMEA05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 969.7
Range: 5-969.73	Mean: 479.8
	Standard deviation: 116.7

**\*1ST PV CHEMISTRY\* (BSSCHE01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.9
	Standard deviation: 114.1

**\*2ND PV CHEMISTRY\* (BSSCHE02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 479.9
	Standard deviation: 114.6

**\*3RD PV CHEMISTRY\* (BSSCHE03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481
	Standard deviation: 115.5

**\*4TH PV CHEMISTRY\* (BSSCHE04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.8
	Standard deviation: 114.6

**\*5TH PV CHEMISTRY\* (BSSCHE05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.4
	Standard deviation: 114.9

**\*1ST PV EARTH SCIENCE\* (BSSEAS01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.2
	Standard deviation: 114.5

**\*2ND PV EARTH SCIENCE\* (BSSEAS02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.8
	Standard deviation: 114.4

**\*3RD PV EARTH SCIENCE\* (BSSEAS03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.5
	Standard deviation: 114.1

**\*4TH PV EARTH SCIENCE\* (BSSEAS04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.9
	Standard deviation: 113.8



**\*5TH PV EARTH SCIENCE\* (BSSEAS05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.1
	Standard deviation: 114.8

**\*1ST PV LIFE SCIENCE\* (BSSLIS01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480
	Standard deviation: 116.9

**\*2ND PV LIFE SCIENCE\* (BSSLIS02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.1
	Standard deviation: 117.6

**\*3RD PV LIFE SCIENCE\* (BSSLIS03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 952.6
Range: 5-952.61	Mean: 480.2
	Standard deviation: 116.4

**\*4TH PV LIFE SCIENCE\* (BSSLIS04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 479.7
	Standard deviation: 116.5

**\*5TH PV LIFE SCIENCE\* (BSSLIS05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.9
	Standard deviation: 117.5

**\*1ST PV PHYSICS\* (BSSPHY01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.3
	Standard deviation: 116.7

**\*2ND PV PHYSICS\* (BSSPHY02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 970.5
Range: 5-970.51	Mean: 479.3
	Standard deviation: 116.6

**\*3RD PV PHYSICS\* (BSSPHY03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 480.9
	Standard deviation: 116.2

**\*4TH PV PHYSICS\* (BSSPHY04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 966.7
Range: 5-966.72	Mean: 481.2
	Standard deviation: 116.4

**\*5TH PV PHYSICS\* (BSSPHY05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 6	Minimum: 5
Decimals: 0	Maximum: 989.2
Range: 5-989.21	Mean: 480.3
	Standard deviation: 116.1

**\*1ST PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 484.3
	Standard deviation: 114

**\*2ND PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 484.4
	Standard deviation: 114.6

**\*3RD PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.7
	Standard deviation: 113.8

**\*4TH PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 484.3
	Standard deviation: 114.6

**\*5TH PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 483.7
	Standard deviation: 113.6

**\*1ST PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.4
	Standard deviation: 116.3

**\*2ND PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.9
	Standard deviation: 115

**\*3RD PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.2
	Standard deviation: 116.6

**\*4TH PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 481.1
	Standard deviation: 114.4

**\*5TH PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Continuous	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 3	Minimum: 5
Decimals: 0	Maximum: 995
Range: 5-995	Mean: 482.4
	Standard deviation: 115.8

**\*INTERN. MATH BENCH REACHED WITH 1ST PV\* (BSMIBM01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 176669
Format: numeric	Invalid: 55397
Width: 1	
Decimals: 0	
Range: 1-9	

**\*INTERN. MATH BENCH REACHED WITH 2ND PV\* (BSMIBM02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 1	
Decimals: 0	
Range: 1-9	

**\*INTERN. MATH BENCH REACHED WITH 3RD PV\* (BSMIBM03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 176668
Format: numeric	Invalid: 55398
Width: 1	
Decimals: 0	
Range: 1-9	

**\*INTERN. MATH BENCH REACHED WITH 4TH PV\* (BSMIBM04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete	Valid cases: 176669
Format: numeric	Invalid: 55397
Width: 1	
Decimals: 0	
Range: 0-9	

**\*INTERN. MATH BENCH REACHED WITH 5TH PV\* (BSMIBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. MATH BENCH REACHED WITH 1ST PV\* (BSMNBM01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. MATH BENCH REACHED WITH 2ND PV\* (BSMNBM02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. MATH BENCH REACHED WITH 3RD PV\* (BSMNBM03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. MATH BENCH REACHED WITH 4TH PV\* (BSMNBM04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. MATH BENCH REACHED WITH 5TH PV\* (BSMNBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**\*NAT. MATH BENCH REACHED WITH 5TH PV\* (BSMNBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176668  
 Invalid: 55398

**\*INTERN. SCI BENCH REACHED WITH 1ST PV\* (BSSIBM01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176668  
 Invalid: 55398

**\*INTERN. SCI BENCH REACHED WITH 2ND PV\* (BSSIBM02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Valid cases: 176669  
 Invalid: 55397

**\*INTERN. SCI BENCH REACHED WITH 3RD PV\* (BSSIBM03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*INTERN. SCI BENCH REACHED WITH 4TH PV\* (BSSIBM04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*INTERN. SCI BENCH REACHED WITH 5TH PV\* (BSSIBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**\*INTERN. SCI BENCH REACHED WITH 5TH PV\* (BSSIBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. SCI BENCH REACHED WITH 1ST PV\* (BSSNBM01)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. SCI BENCH REACHED WITH 2ND PV\* (BSSNBM02)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176669  
 Invalid: 55397

**\*NAT. SCI BENCH REACHED WITH 3RD PV\* (BSSNBM03)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176668  
 Invalid: 55398

**\*NAT. SCI BENCH REACHED WITH 4TH PV\* (BSSNBM04)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 176668  
 Invalid: 55398

**\*NAT. SCI BENCH REACHED WITH 5TH PV\* (BSSNBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1



**\*NAT. SCI BENCH REACHED WITH 5TH PV\* (BSSNBM05)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-9

Valid cases: 176669  
Invalid: 55397

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student Bg - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 60701-60701

Valid cases: 176668  
Invalid: 55398

**\*FILE VERSION\* (VERSION)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 50-50

Valid cases: 188846  
Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 4-12700

Valid cases: 188846  
Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 188846  
Invalid: 0

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-886

Valid cases: 188846  
Invalid: 0  
Minimum: 1  
Maximum: 886  
Mean: 123.2  
Standard deviation: 134.8

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 101-88601

Valid cases: 188846  
Invalid: 0  
Minimum: 101  
Maximum: 88601  
Mean: 12329.4  
Standard deviation: 13483.1

**\*STUDENT ID\* (IDSTUD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: 10101-8860129

Valid cases: 188846  
Invalid: 0  
Minimum: 10101  
Maximum: 8860129  
Mean: 1232958.4  
Standard deviation: 1348308.4

**\*GRADE\* (IDGRADE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-9

Valid cases: 188846  
Invalid: 0

**\*BOOKLET ID\* (IDBOOK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-8

Valid cases: 188846  
Invalid: 0

**\*STANDARDIZED GRADE ID\* (IDGRADER)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*STANDARDIZED GRADE ID\* (IDGRADER)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 188846  
Invalid: 0

**\*CODER\* (IDSCORR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-920  
Invalid: 1001

Valid cases: 94039  
Invalid: 94807  
Minimum: 0  
Maximum: 920  
Mean: 71.5  
Standard deviation: 81.3

**\*2ND CODER\* (IDSCORA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-991  
Invalid: 1001

Valid cases: 109319  
Invalid: 79527  
Minimum: 0  
Maximum: 991  
Mean: 130.4  
Standard deviation: 145

**\*INDICATOR FOR EXCLUDED STUDENTS\* (ITEXCLUD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-9

Valid cases: 0  
Invalid: 188846

**\*STUDENT'S SEX\* (ITSEX)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*STUDENT'S SEX\* (ITSEX)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 188797  
Invalid: 49

**\*PARTICIPATION STATUS/ACHIEVEMENT SESS.\* (ITPART)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-5

Valid cases: 188846  
Invalid: 0

**\*STUDENT'S DATE OF BIRTH\MONTH\* (ITBIRTHM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-12  
Invalid: 101

Valid cases: 187731  
Invalid: 1115  
Minimum: 1  
Maximum: 12  
Mean: 6.5  
Standard deviation: 3.4

**\*STUDENT'S DATE OF BIRTH\YEAR\* (ITBIRTHY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 58-89  
Invalid: 101

Valid cases: 188236  
Invalid: 610  
Minimum: 58  
Maximum: 89  
Mean: 84.3  
Standard deviation: 1

**\*RELIABILITY CODING STATUS\* (ILRELIAB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*RELIABILITY CODING STATUS\* (ILRELIAB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 188846  
Invalid: 0

**HOW MANY MORE SQUARES SHADED (A) (M012001)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 177539  
Invalid: 11307

**WHAT IS THE WEIGHT OF ONE BRICK (C) (M012002)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 178635  
Invalid: 10211

**WHICH COULD BE BOX LENGTH (D) (M012003)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 177277  
Invalid: 11569

**HOW MANY LAPS HAS ALICE RUN (D) (M012004)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**HOW MANY LAPS HAS ALICE RUN (D) (M012004)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 178878  
 Invalid: 9968

**WHICH IS FALSE (B) (M012005)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 173582  
 Invalid: 15264

**COMPARE JOE'S AND MARY'S SCORE (C) (M012006)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 178157  
 Invalid: 10689

**WHICH ORGAN NOT IN ABDOMEN (E) (S012001)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 177070  
 Invalid: 11776

**WHICH SPRING HAS MORE ENERGY (B) (S012002)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH SPRING HAS MORE ENERGY (B) (S012002)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 178862  
 Invalid: 9984

**FANNING MAKE FIRE BURN HOTTER (B) (S012003)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 178386  
 Invalid: 10460

**WHY PERSON OUTSIDE CANNOT SEE (A) (S012004)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 178059  
 Invalid: 10787

**PROBLEM OF OVERGRAZING AND (C) (S012005)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 171296  
 Invalid: 17550

**WHAT WILL RIVER LOOK LIKE (C) (S012006)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**WHAT WILL RIVER LOOK LIKE (C) (S012006)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 176825  
 Invalid: 12021

**WHERE IS HOTTEST LAYER OF EARTH (C) (S012007)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 89292  
 Invalid: 99554

**CHANGE OF CHEMICAL ENERGY INTO (B) (S012008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 87886  
 Invalid: 100960

**WHICH HAS GREATEST DENSITY (C) (S012009)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 88154  
 Invalid: 100692

**CHANGE PULSE AFTER RACE (C) (S012010)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHANGE PULSE AFTER RACE (C) (S012010)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 89280  
 Invalid: 99566

**WHICH FEATURE IS LOCATED AT (A) (S012011)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 88504  
 Invalid: 100342

**WHAT COLOR SHOULD THEY PAINT (A) (S012012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 89415  
 Invalid: 99431

**WHEN GREATEST INCREASE OF SALES (D) (M012007)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 85828  
 Invalid: 103018

**HOW MANY CALORIES IN 30G FOOD (A) (M012008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**HOW MANY CALORIES IN 30G FOOD (A) (M012008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 88429  
 Invalid: 100417

**WHICH PICTURE SHOWS  $2/5 = 4/10$  (A) (M012009)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 83444  
 Invalid: 105402

**WHICH IS SMALLEST NUMBER (E) (M012010)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 89059  
 Invalid: 99787

**WHICH CUBE BY FOLDING FIGURE (C) (M012011)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 88065  
 Invalid: 100781

**WHICH OF EQUATIONS REPRESENTS (A) (M012012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH OF EQUATIONS REPRESENTS (A) (M012012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 88424  
 Invalid: 100422

**STACK WITH DIFFERENT VOLUME IS (A) (M012013)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65417  
 Invalid: 123429

**WHICH STATEMENT TRUE (D) (M012014)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66089  
 Invalid: 122757

**WHICH COULD BE TRUE (A) (M012015)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65034  
 Invalid: 123812

**WHEN 2.25 LARGER / SMALLER (B) (M012016)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHEN 2.25 LARGER / SMALLER (B) (M012016)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64635  
 Invalid: 124211

**# MATCHSTICKS FOR 10TH FIGURE (B) (M012017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66313  
 Invalid: 122533

**WHICH IS WORST ESTIMATE (A) (M012018)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65586  
 Invalid: 123260

**WHICH ABOUT MOUNTAINS TRUE (B) (S012013)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65955  
 Invalid: 122891

**CARRY MESSAGE-EYE TO BRAIN (D) (S012014)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CARRY MESSAGE-EYE TO BRAIN (D) (S012014)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66162  
 Invalid: 122684

**WHICH IS REFLECTION OF CANDLE (B) (S012015)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66449  
 Invalid: 122397

**POWDER OF WHITE/BLACK SPECK (C) (S012016)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66299  
 Invalid: 122547

**WHAT POSSIBLE SERIOUS EFFECT (A) (S012017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65458  
 Invalid: 123388

**WHICH IS NOT A FOSSIL FUEL (C) (S012018)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH IS NOT A FOSSIL FUEL (C) (S012018)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64590  
 Invalid: 124256

**DIAGRAM BEST SHOW LIGHT HIT (B) (S012019)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66700  
 Invalid: 122146

**MAGNET AND COFFEE (C) (S012020)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66865  
 Invalid: 121981

**IN WHICH DIRECTION FLOWS RIVER (B) (S012021)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66657  
 Invalid: 122189

**DIAGRAM SHOWS WHICH EVENT (C) (S012022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DIAGRAM SHOWS WHICH EVENT (C) (S012022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 66134  
Invalid: 122712

**SENSORY MESSAGES TO BRAIN BY (C) (S012023)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 66712  
Invalid: 122134

**SEEDS COME FROM WHICH PART (A) (S012024)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 66929  
Invalid: 121917

**MEASURE OF ANGLE BCD IS (C) (M012019)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 66204  
Invalid: 122642

**7:13 = X:52, WHAT IS X (C) (M012020)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**7:13 = X:52, WHAT IS X (C) (M012020)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65139  
 Invalid: 123707

**WHICH IS SMALLEST FRACTION (A) (M012021)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66914  
 Invalid: 121932

**WHICH EQUATION SHOWS COST OF (A) (M012022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65660  
 Invalid: 123186

**BEST UNIT TO MEASURE EGG (C) (M012023)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66708  
 Invalid: 122138

**BEST ESTIMATE WHAT NUMBER P (B) (M012024)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BEST ESTIMATE WHAT NUMBER P (B) (M012024)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66713  
 Invalid: 122133

**AT WHAT TIME DID THEY MEET (D) (M012025)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66228  
 Invalid: 122618

**WHAT'S MEASURE OF ANGLE EGC (D) (M012026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66319  
 Invalid: 122527

**WHAT FRACTION OF HOUR PASSED (B) (M012027)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65583  
 Invalid: 123263

**DIFFERENCE 4-DIGIT NUMBERS (C) (M012028)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DIFFERENCE 4-DIGIT NUMBERS (C) (M012028)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65056  
 Invalid: 123790

**WHICH IS RIGHT DESCRIPTION (E) (M012029)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64142  
 Invalid: 124704

**WHAT IS THE LENGTH OF RECTANGLE (B) (M012030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66639  
 Invalid: 122207

**NUCLEUS MOST ATOMS CONSISTS OF (B) (S012025)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65922  
 Invalid: 122924

**A SON CAN INHERIT TRAITS (C) (S012026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**A SON CAN INHERIT TRAITS (C) (S012026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66675  
 Invalid: 122171

**WHEN WIND BECAME COLDER (D) (S012027)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64992  
 Invalid: 123854

**WHAT CHARACTERISTIC USED (A) (S012028)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65734  
 Invalid: 123112

**WHAT NEW SIDE ON SHADOW (D) (S012029)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65100  
 Invalid: 123746

**MOST CAVES ARE FORMED BY (B) (S012030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MOST CAVES ARE FORMED BY (B) (S012030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 59326  
 Invalid: 129520

**WHAT SHOWS MAMMAL (B) (S012031)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66775  
 Invalid: 122071

**LIGHT-COLOR CLOTHES FEEL COOLER (A) (S012032)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66825  
 Invalid: 122021

**WHERE ARE SENSES INTERPRETATED (A) (S012033)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64423  
 Invalid: 124423

**AREAS SOIL WASHED AWAY (D) (S012034)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**AREAS SOIL WASHED AWAY (D) (S012034)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66761  
 Invalid: 122085

**WHY OXYGEN EQUIPMENT NECESSARY (A) (S012035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66851  
 Invalid: 121995

**REASON WHY PAINT PREVENTS RUST (E) (S012036)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66375  
 Invalid: 122471

**WHAT WAS AVERAGE SPEED IN M/SEC (B) (M012031)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65258  
 Invalid: 123588

**WHAT HAPPEN IN FIFTH COIN TOSS (C) (M012032)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHAT HAPPEN IN FIFTH COIN TOSS (C) (M012032)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66358  
 Invalid: 122488

**WHICH NUMBER BETWEEN 0.07/0.08 (C) (M012033)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65786  
 Invalid: 123060

**MEASURE ACCURATELY - NEAREST (D) (M012034)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65848  
 Invalid: 122998

**WHAT 1/3 OF NUMBER (A) (M012035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65938  
 Invalid: 122908

**WHAT FRACTION IS SHADED (C) (M012036)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHAT FRACTION IS SHADED (C) (M012036)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66076  
 Invalid: 122770

**# IN CLASS SCORE < 7 (B) (M012037)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65719  
 Invalid: 123127

**LENGTH OF PIPE (C) (M012038)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 67299  
 Invalid: 121547

**WHAT IS THE VALUE OF X + Y (C) (M012039)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66738  
 Invalid: 122108

**IF  $12/N = 36/21B$ , VALUE OF N (B) (M012040)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**IF  $12/N = 36/21B$ , VALUE OF N (B) (M012040)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66415  
 Invalid: 122431

**HOW MANY BIRTHDAY IN FIRST HALF (D) (M012041)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66672  
 Invalid: 122174

**IF  $X=-3$ , VALUE OF  $-3X$  IS (E) (M012042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66664  
 Invalid: 122182

**WHICH WAY BATTERIES BE PLACED (A) (S012037)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 67308  
 Invalid: 121538

**MAIN FUNCTION OF RED BLOOD CELLS(B) (S012038)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAIN FUNCTION OF RED BLOOD CELLS(B) (S012038)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66762  
 Invalid: 122084

**TRAITS ARE TRANSFERRED FROM (C) (S012039)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66739  
 Invalid: 122107

**WHAT LEFT IF TOOK ALL ATOMS (C) (S012040)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66300  
 Invalid: 122546

**NAME OF ROCK UNDER WATER (C) (S012041)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66188  
 Invalid: 122658

**WHICH - NONRENEWABLE RESOURCE (D) (S012042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH - NONRENEWABLE RESOURCE (D) (S012042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64729  
 Invalid: 124117

**WHICH NOT A FUNCTION OF BLOOD (A) (S012043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65044  
 Invalid: 123802

**WHAT ARE VITAMINS (D) (S012044)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66829  
 Invalid: 122017

**WHAT'S THE BEST EXPLANATION (A) (S012045)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66853  
 Invalid: 121993

**LAYER CONTAIN MOST ORGANIC (A) (S012046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**LAYER CONTAIN MOST ORGANIC (A) (S012046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66755  
 Invalid: 122091

**WHERE CAME ENERGY IN FOOD FROM (B) (S012047)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66742  
 Invalid: 122104

**REACTION OF BURNING WOOD WILL (A) (S012048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66741  
 Invalid: 122105

**HOW MANY PUPILS TRAVEL >10 MIN (C) (M012043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 63621  
 Invalid: 125225

**WHICH SHOWS 2/3 SHADE OF SQUARE (E) (M012044)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH SHOWS 2/3 SHADE OF SQUARE (E) (M012044)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65022  
 Invalid: 123824

**WHICH SUM CLOSEST TO 691+208 (B) (M012045)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66917  
 Invalid: 121929

**EQUATION EXPRESS RELATIONSHIP (D) (M012046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 64659  
 Invalid: 124187

**HOW MANY DEFECTIVE BULBS (C) (M012047)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 66206  
 Invalid: 122640

**WHICH REPRESENTS TOTAL NUMBER (B) (M012048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH REPRESENTS TOTAL NUMBER (B) (M012048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 65374  
 Invalid: 123472

**THREE CONSECUTIVE EVEN NR ADDING TO (A) (M022002)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21688  
 Invalid: 167158

**4/5 OF BOOKS MORE THAN 2/5 (C) (M022004)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21463  
 Invalid: 167383

**250 ML BOTTLES FILLED W. 400 LITERS (C) (M022005)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21687  
 Invalid: 167159

**NR IN SEQUENCE INCREASING BY 4 (X) (M022008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**NR IN SEQUENCE INCREASING BY 4 (X) (M022008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 19347  
Invalid: 169499

**HOW MUCH LONG. FOR BETTY TO RUN RACE (A) (M022010)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22114  
Invalid: 166732

**FRACTION LESS THAN 4/9 (X) (M022012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 21139  
Invalid: 167707

**AREA OF PAVED WALKWAY AROUND POOL (C) (M022021)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 21420  
Invalid: 167426

**POINT ON A LINE DEFINED BY TWO P. (D) (M022016)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**POINT ON A LINE DEFINED BY TWO P. (D) (M022016)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21073  
 Invalid: 167773

**MOST LIKELY SECTOR ON SPINNER (B) (M022252)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22035  
 Invalid: 166811

**GAS NEEDED FOR RUSTING (B) (S022183)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21905  
 Invalid: 166941

**BUBBLING AT ELECTR. - OBSERVATION (A) (S022276)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21612  
 Invalid: 167234

**OXYGEN/CARBON DIOXIDE CYCLE (D) (S022115)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**OXYGEN/CARBON DIOXIDE CYCLE (D) (S022115)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21231  
 Invalid: 167615

**CURRENT/VOLTAGE TABLE (X) (S022022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20060  
 Invalid: 168786

**TRANSMISSION OF SOUND ON THE MOON (C) (S022019)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21845  
 Invalid: 167001

**HEAT CONDUCT. EXPERIMENT - MELTING (C) (S022002)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22072  
 Invalid: 166774

**DIAGRAMM EARTHS WATER CYCLE (B) (S022294)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DIAGRAMM EARTHS WATER CYCLE (B) (S022294)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22057  
 Invalid: 166789

**ANIMAL ON EARTH LONGEST TIME (C) (S022106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 20296  
 Invalid: 168550

**FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X) (S022244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 14106  
 Invalid: 174740

**LEVELS OF ORGANIZ. IN LIVING THINGS (A) (S022150)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21798  
 Invalid: 167048

**GRAPH INTERPRETATION - BICYCLE FLAT (B) (S022042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GRAPH INTERPRETATION - BICYCLE FLAT (B) (S022042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21877  
 Invalid: 166969

**MOVEM.OF EARTH'S PLATES OVER BILLIONS(C) (S022073)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22175  
 Invalid: 166671

**FEATURES SHARED BY ALL INSECTS (A) (S022099)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22171  
 Invalid: 166675

**COMPOUNDS, MOLECULES AND ATOMS (X) (S022174)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21458  
 Invalid: 167388

**EVAPORATION RATE - SURFACE AREA (C) (S022009)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EVAPORATION RATE - SURFACE AREA (C) (S022009)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22290  
 Invalid: 166556

**GRAVITY ACTING ON ROCKET (D) (S022012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21547  
 Invalid: 167299

**EARTH'S SEASONS (C) (S022082)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22186  
 Invalid: 166660

**REASON FOR PROTEIN IN DIET (C) (S022094)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22091  
 Invalid: 166755

**SUNSCREEN TO PROTECT AGAINST RADIATION (D) (S022278)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SUNSCREEN TO PROTECT AGAINST RADIATION (D) (S022278)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22117  
 Invalid: 166729

**LIFE ON OTHER PLANETS (X) (S022081)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19585  
 Invalid: 169261

**AREA OF PATH AROUND GARDEN (B) (M022022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21807  
 Invalid: 167039

**NOT TRUE FOR ALL RECTANGLES (E) (M022246)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21837  
 Invalid: 167009

**DIVISION OF FRACTIONS (X) (M022026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DIVISION OF FRACTIONS (X) (M022026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19889  
 Invalid: 168957

**INTERPRET. OF PICTOGRAPH OF HOUSES (X) (M022030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21284  
 Invalid: 167562

**DIVISION OF DECIMALS (E) (M022031)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21561  
 Invalid: 167285

**TWO SIMILAR TRIANGLES (C) (M022033)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22206  
 Invalid: 166640

**POINT ON GRAPH FROM COORDINATES (D) (M022037)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**POINT ON GRAPH FROM COORDINATES (D) (M022037)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22002  
 Invalid: 166844

**MISSING NUMBER IN TABLE (A) (M022041)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21923  
 Invalid: 166923

**DISTANCE BETWEEN TOWNS FROM MAP (D) (M022038)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21503  
 Invalid: 167343

**CIRCLE WITH SAME SHADED FRACTION (D) (M022043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22313  
 Invalid: 166533

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (M022046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (M022046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20905  
 Invalid: 167941

**ROTATED 3-DIMENSIONAL OBJECT (D) (M022049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22214  
 Invalid: 166632

**INEQUALITY EQUIVALENT TO  $X/3 > 8$  (E) (M022050)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21800  
 Invalid: 167046

**PERIMETER OF SQUARE FROM AREA (X) (M022055)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19608  
 Invalid: 169238

**APPROXIMATE TONS OF FERTILIZER SOLD (C) (M022057)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**APPROXIMATE TONS OF FERTILIZER SOLD (C) (M022057)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22029  
 Invalid: 166817

**HOW MANY BLUE BADS ARE IN THE BOWL (C) (M022257)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22045  
 Invalid: 166801

**VALUE OF ANGLE IN CONGRUENT TRIANG. (B) (M022062)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22300  
 Invalid: 166546

**ADDITION OF THREE FRACTIONS (D) (M022066)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22162  
 Invalid: 166684

**POLES ON CUT MAGNET (X) (S022035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**POLES ON CUT MAGNET (X) (S022035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20449  
 Invalid: 168397

**THERMOM.SCALE FOR MEASURING BOILING (D) (S022225)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21291  
 Invalid: 167555

**INSECTS - BIOLOGICAL CONTROL (B) (S022117)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22196  
 Invalid: 166650

**PLANT GROWTH EXPERI.- NEED FOR SAND (E) (S022235)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22134  
 Invalid: 166712

**REACT.RELEASING ENERGY - BURNING/EXP (C) (S022188)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**REACT.RELEASING ENERGY - BURNING/EXP (C) (S022188)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22265  
 Invalid: 166581

**FOSSIL FUELS (B) (S022074)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22260  
 Invalid: 166586

**MAIN CAUSE OF ACID RAIN (C) (S022240)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22108  
 Invalid: 166738

**BURNING WOOD TO FORM COMPOUND (B) (S022206)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22206  
 Invalid: 166640

**ADVANTAGE OF HAVING TWO EARS (X) (S022160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**ADVANTAGE OF HAVING TWO EARS (X) (S022160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19875  
 Invalid: 168971

**ANGLE OF BEAM REFLECTED FROM MIRROR (B) (S022058)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22272  
 Invalid: 166574

**ROTATING FORCES ON WHEEL (D) (S022014)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22093  
 Invalid: 166753

**LARGE LEAVES ON SEEDLINGS - NEED FOR (D) (S022131)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22261  
 Invalid: 166585

**FEATURES OF PREY (A) (S022132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**FEATURES OF PREY (A) (S022132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21587  
 Invalid: 167259

**EFFICIENCY OF MACHINES PUMPING WATER (X) (S022017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20657  
 Invalid: 168189

**WHEN MALE WOLVES THEIR PLACE (C) (S022295)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22216  
 Invalid: 166630

**FILTRATION OF MIXTURES (B) (S022194)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21949  
 Invalid: 166897

**EFFECTIVENESS OF INSECTICIDES (B) (S022118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EFFECTIVENESS OF INSECTICIDES (B) (S022118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22028  
 Invalid: 166818

**COMPLETE FOOD WEB (X) (S022140)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21602  
 Invalid: 167244

**LENGTH OF BUILDING COMPARED TO CAR (B) (M022070)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22397  
 Invalid: 166449

**WHICH NR IS TWO HUNDRED SIX AND NINE (B) (M022073)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22356  
 Invalid: 166490

**GRAPH OF HUMIDITY IN ROOM (C) (M022258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GRAPH OF HUMIDITY IN ROOM (C) (M022258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21892  
 Invalid: 166954

**DISTANCE TRAVELED BY ELEVATOR (C) (M022078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22107  
 Invalid: 166739

**MOST PACES TO WALK TO END OF HALLWAY (D) (M022079)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22388  
 Invalid: 166458

**CORRECT EQUATION BASED ON RELATION IN(E) (M022042)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21636  
 Invalid: 167210

**VALUES IN PROPORTIONALITY TABLE (E) (M022083)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**VALUES IN PROPORTIONALITY TABLE (E) (M022083)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 20986  
 Invalid: 167860

**MEASURE OF FOURTH ANGLE IN QUADRILAT.(A) (M022085)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22071  
 Invalid: 166775

**FIND VALUE OF X IN MATHEMAT. EQUATIO (X) (M022089)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 18582  
 Invalid: 170264

**SUBTRACTION WITH THREE FRACTIONS (B) (M022093)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21753  
 Invalid: 167093

**VOLTAGE SHOWN ON METER (C) (M022097)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**VOLTAGE SHOWN ON METER (C) (M022097)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22551  
 Invalid: 166295

**LINES OF SYMMETRY IN RHOMBUS (B) (M022259)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**WHICH BOX GIVES GREAT.CHANCE OF PICK.(A) (M022101)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22479  
 Invalid: 166367

**WHICH FRACTION IS SMALLEST (D) (M022104)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22447  
 Invalid: 166399

**ROTAT.OF TRIANGLE ABOUT A POINT IN A (D) (M022105)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**ROTAT.OF TRIANGLE ABOUT A POINT IN A (D) (M022105)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22211  
Invalid: 166635

**RATIO OF CHILDREN TO ADULTS ON BUS (X) (M022106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 19783  
Invalid: 169063

**DEGREE MEASURE OF ANGLE PRS BASED ON (C) (M022108)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22246  
Invalid: 166600

**MULTIPLY TWO DECIMALS (X) (M022110)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 21204  
Invalid: 167642

**WHICH GRAPH SHOWS INFORMAT.IN TABLE (B) (M022181)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH GRAPH SHOWS INFORMAT.IN TABLE (B) (M022181)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22011  
Invalid: 166835

**NOT A MIXTURE (B) (S022187)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22282  
Invalid: 166564

**HOW GLASSES/C.LENSES IMPROVE VISI (X) (S022161)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 17757  
Invalid: 171089

**CONTROL.EXPERIMENT - CART AT DIFFEREN(E) (S022222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22063  
Invalid: 166783

**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (S022191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (S022191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 22197  
Invalid: 166649

**BRUSH REFLECTED IN MIRROR - ANGLED (X) (S022279)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 20764  
Invalid: 168082

**PATH OF BALL RELEAS.FROM CIRCULAR ORB(A) (S022040)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22204  
Invalid: 166642

**COMPLETE CIRCUITS - ELECTRICAL COND. (C) (S022007)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22307  
Invalid: 166539

**FOOD WEB - EFFECT OF CROP FAILURE (X) (S022141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**FOOD WEB - EFFECT OF CROP FAILURE (X) (S022141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 18088  
Invalid: 170758

**BACTERIA TO CONVERT MILK TO YOGURT (A) (S022123)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22202  
Invalid: 166644

**EVAPORAT.OF VINEGAR/OIL - CONCLUSION (C) (S022238)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22074  
Invalid: 166772

**BONE-MEAL FOR PLANT GROWTH (B) (S022145)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22177  
Invalid: 166669

**DEFINITION OF TISSUE (A) (S022293)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DEFINITION OF TISSUE (A) (S022293)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22148  
 Invalid: 166698

**EXAMPLE OF CHEMICAL CHANGE (C) (S022178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22157  
 Invalid: 166689

**MAMMAL/LIZARDS LIVING IN COLD REGIONS(D) (S022137)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22126  
 Invalid: 166720

**MAN BALANCING 10 ML AND 5 ML BUCKETS (D) (S022030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21629  
 Invalid: 167217

**FLASHL. WITH WHITE/BLACK REFLECTORS (X) (S022049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**FLASHL. WITH WHITE/BLACK REFLECTORS (X) (S022049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21821  
 Invalid: 167025

**NUMBER OF CARS FROM ROUNDED VALUE (C) (M022113)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22216  
 Invalid: 166630

**POSITION OF POINT ON NUMBER LINE (A) (M022116)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22196  
 Invalid: 166650

**FIND VALUE OF EXPRESS.BY SUBSTITUTING(X) (M022118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19509  
 Invalid: 169337

**LIST OF EQUIVALENT FRACTIONS (B) (M022121)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**LIST OF EQUIVALENT FRACTIONS (B) (M022121)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21899  
 Invalid: 166947

**ANGLES CLOSEST TO 45 DEGREES (D) (M022124)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22240  
 Invalid: 166606

**NR OF MARBLES IN BAG BEFORE REMOVING (B) (M022126)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21784  
 Invalid: 167062

**AMOUNT OF PAINT LEFT (B) (M022128)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21326  
 Invalid: 167520

**PROBABIL.OF DRAWING A CHIP WITH MULT (C) (M022249)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**PROBABIL.OF DRAWING A CHIP WITH MULT (C) (M022249)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21881  
 Invalid: 166965

**SHADE IN 3/8 OF SQUARES IN GRID (X) (M022132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20758  
 Invalid: 168088

**MINUTES FOR WATER TO COOL 20 DEGREES (A) (M022135)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21700  
 Invalid: 167146

**PERCENT DECREASE IN TRAVEL TIME (C) (M022139)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22204  
 Invalid: 166642

**SUM OF ANGLES EQUAL TO 180 DEGREES (B) (M022142)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SUM OF ANGLES EQUAL TO 180 DEGREES (B) (M022142)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21824  
 Invalid: 167022

**DECIMAL ROUNDED TO NEAREST HUNDREDTH (D) (M022144)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22267  
 Invalid: 166579

**NUMBER OF STUDENTS LESS THAN 13 FROM (E) (M022146)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22234  
 Invalid: 166612

**TIME WHEN FINISH HOMEWORK (X) (M022148)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21117  
 Invalid: 167729

**SOLVE EQUATION FOR X (X) (M022253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SOLVE EQUATION FOR X (X) (M022253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20366  
 Invalid: 168480

**POINT AT CENTER OF ROTAT.OF RECTANGL (C) (M022154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22222  
 Invalid: 166624

**SCOOPS OF FLOUR NEEDED TO FILL BAG (X) (M022156)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20358  
 Invalid: 168488

**HOLE IN OZONE LAYER (X) (S022086)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19356  
 Invalid: 169490

**WHICH IS CHEMICAL CHANGE - ELEMENTS (C) (S022198)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH IS CHEMICAL CHANGE - ELEMENTS (C) (S022198)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 21663  
Invalid: 167183

**ABUNDANCE OF GASES IN ATMOSPHERE (A) (S022275)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22237  
Invalid: 166609

**EXTRAPOLAT.FROM DISTANCE/TIME GRAPH (D) (S022041)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22362  
Invalid: 166484

**APPEARANCE OF JUPITER AND MOON (X) (S022283)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 20449  
Invalid: 168397

**NEUTRAL ATOM GAINS ELECTRON (B) (S022202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**NEUTRAL ATOM GAINS ELECTRON (B) (S022202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22156  
 Invalid: 166690

**PROCESS TO PREVENT BODY FROM OVERHEATING (X) (S022152)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 17915  
 Invalid: 170931

**TRANSMISSION OF COLD - CLASSROOM (X) (S022154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20468  
 Invalid: 168378

**DETERMINATION OF SPEED FROM GRAPH (D) (S022280)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21946  
 Invalid: 166900

**FLASHLIGHT - AMOUNT OF LIGHT ON WALL AND ANGLE (X) (S022043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**FLASHL. - AMOUNT OF LIGHT ON WALL AN (X) (S022043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 21698  
 Invalid: 167148

**TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X) (S022258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 17567  
 Invalid: 171279

**HIBERNATING ANIMALS (D) (S022157)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21803  
 Invalid: 167043

**REASONS FOR FAMINE (X) (S022277A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19295  
 Invalid: 169551

**REASONS FOR FAMINE (X) (S022277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**REASONS FOR FAMINE (X) (S022277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 17634  
 Invalid: 171212

**TWO REASONS FOR FAMINE (S022277D)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19339  
 Invalid: 169507

**DIGESTION IN STOMACH (X) (S022158)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 16316  
 Invalid: 172530

**REPLICAT./RELIABILITY OF MEASUREMENTS(C) (S022245)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21760  
 Invalid: 167086

**RATIO OF WIDTH PERIMETER IN RECTANGLE(D) (M022159)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**RATIO OF WIDTH PERIMETER IN RECTANGLE(D) (M022159)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21764  
 Invalid: 167082

**EXPRESSION EQUIVALENT TO  $N \times N \times N$  (D) (M022176)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21285  
 Invalid: 167561

**LENGTH OF SIDE FROM SIMILAR TRIANGLE (B) (M022160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21060  
 Invalid: 167786

**EXPRESSION EQUIVALENT TO  $K+K+K+K+K$  (B) (M022165)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21784  
 Invalid: 167062

**LENGTH OF STRING PULLED STRAIGHT (C) (M022168)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**LENGTH OF STRING PULLED STRAIGHT (C) (M022168)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21840  
 Invalid: 167006

**ESTIMATE OF TOTAL CARS IN PARK. LOT (C) (M022169)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21632  
 Invalid: 167214

**ESTIMATE OF DISTANCE FROM EXPLOSION (B) (M022172)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21420  
 Invalid: 167426

**FRACT.OF CHERRIES REMAINING IN BASKE (A) (M022173)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21355  
 Invalid: 167491

**DAY/TIME IN TABLE AT SHOWN TEMPER. (A) (M022260)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DAY/TIME IN TABLE AT SHOWN TEMPER. (A) (M022260)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 19723  
 Invalid: 169123

**WRITE DECIMAL AS FRACT. REDUCED TO LO(X) (M022178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 18715  
 Invalid: 170131

**TOTAL NUMBER OF CDS THREE GIRLS HAVE (C) (M022251)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21375  
 Invalid: 167471

**SUBTRACT FRACTIONS INVOLVING X (E) (M022185)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21697  
 Invalid: 167149

**WHICH IS LEAST AMOUNT OF TIME (B) (M022188)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**WHICH IS LEAST AMOUNT OF TIME (B) (M022188)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21994  
 Invalid: 166852

**HOW MANY PENCILS SOLD FROM BAR GRAPH (C) (M022189)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22008  
 Invalid: 166838

**TRUE STATEMENT ABOUT MEN AND WOMEN (A) (M022191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21892  
 Invalid: 166954

**APPROXIMATELY HOW MANY MAGAZINES SOLD(D) (M022194)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21666  
 Invalid: 167180

**TRUE EXPRESS.BASED ON VALUES OF L,K, (A) (M022196)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**TRUE EXPRESS.BASED ON VALUES OF L,K, (A) (M022196)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21632  
 Invalid: 167214

**LIST OF DECIMALS ORDER.FROM GREATEST (D) (M022198)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21412  
 Invalid: 167434

**ADDITION AND MULTIPLICAT.WITH FRACTI (E) (M022199)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 19814  
 Invalid: 169032

**FIND MEASURE OF ANGLE FROM SERIES ADJ(X) (M022202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19556  
 Invalid: 169290

**EARTH YEAR (D) (S022290)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EARTH YEAR (D) (S022290)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21358  
 Invalid: 167488

**FLUID LEVEL IN U-TUBE (X) (S022292)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19076  
 Invalid: 169770

**EXPANSION OF ALCOHOL IN THERMOMETERS (D) (S022054)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 20913  
 Invalid: 167933

**SUGAR DISSOLVING IN WATER (B) (S022181)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21211  
 Invalid: 167635

**NOT A CHEMICAL CHANGE (A) (S022208)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**NOT A CHEMICAL CHANGE (A) (S022208)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21015  
 Invalid: 167831

**LIGHT FROM SUN AND MOON (X) (S022078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 16151  
 Invalid: 172695

**FUNCTION OF CHLOROPHYLL (A) (S022126)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 20832  
 Invalid: 168014

**MASS OF FREEZING WATER (X) (S022281)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 20245  
 Invalid: 168601

**BACTERIA/MOLD EXPERIMENT - HYPOTHESIS(B) (S022264)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BACTERIA/MOLD EXPERIMENT - HYPOTHESIS(B) (S022264)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 20337  
Invalid: 168509

**RED DRESS IN GREEN LIGHT - WHY BLACK (C) (S022064)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11, 11

Valid cases: 22146  
Invalid: 166700

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (S022165A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 18146  
Invalid: 170700

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (S022165B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 16430  
Invalid: 172416

**TWO OUTCOMES OF INTRODUCING NEW SPECIES (S022165D)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**TWO OUTCOMES OF INTRODUCING NEW SPECIES (S022165D)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 18221  
 Invalid: 170625

**ATMOSPHERIC CONDITIONS - CONTROLLJE (X) (S022284)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 16188  
 Invalid: 172658

**SMALL PIECES OF WOOD BURN FASTER (X) (S022213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 18631  
 Invalid: 170215

**RESULT OF GLOBAL WARMING (A) (S022254)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21983  
 Invalid: 166863

**SUBTRACT.OF DECIMALS TO THOUSANDTHS (A) (M022204)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**SUBTRACT.OF DECIMALS TO THOUSANDTHS (A) (M022204)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22138  
 Invalid: 166708

**AVERAGE WEIGHT OF SALT CRYSTALS (B) (M022206)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21594  
 Invalid: 167252

**TIME PENDULUM TO SWING 20 TIMES BASE (B) (M022208)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21997  
 Invalid: 166849

**TRUE EXPRESS.WHEN A,B,C ARE DIFFEREN (D) (M022210)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21690  
 Invalid: 167156

**HOW MANY RIGHT TRIANG.TO COVER RECTAN(C) (M022213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**HOW MANY RIGHT TRIANG.TO COVER RECTAN(C) (M022213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22184  
 Invalid: 166662

**OPERATION ON NEGATIVE NR TO PRODUCE (A) (M022166)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 21950  
 Invalid: 166896

**SUBTRACTION OF TWO 4-DIGIT WHOLE NRS (B) (M022245)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 22127  
 Invalid: 166719

**HOW MUCH MONEY LEFT IF SPENT 5/8 (X) (M022219)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 19946  
 Invalid: 168900

**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (M022222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (M022222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 19859  
Invalid: 168987

**SEQ. OF FIGURES WITH TRIANGLES (X) (M022261A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 19548  
Invalid: 169298

**SEQ. OF FIGURES WITH TRIANGLES (X) (M022261B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 17469  
Invalid: 171377

**SEQ. OF FIGURES WITH TRIANGLES (X) (M022261C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 12543  
Invalid: 176303

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (M022227A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (M022227A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 18519  
 Invalid: 170327

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (M022227B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 16873  
 Invalid: 171973

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (M022227C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 15956  
 Invalid: 172890

**FUEL REMAINING IN TANK AT END OF TRIP(A) (M022127)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 19878  
 Invalid: 168968

**NR OF CLUB MEMBERS THAT ARE BOYS (X) (M022228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**NR OF CLUB MEMBERS THAT ARE BOYS (X) (M022228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 37412  
 Invalid: 151434

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (M022231A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 34221  
 Invalid: 154625

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (M022231B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 30469  
 Invalid: 158377

**AREA SHADED RECTANGLE INS. PARALLEL (X) (M022244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 37808  
 Invalid: 151038

**HEIGHT STACK OF PAPER FROM SHEET (C) (M022207)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**HEIGHT STACK OF PAPER FROM SHEET (C) (M022207)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 40593  
 Invalid: 148253

**ESTIMATE TIME FOR WATER TO COOL FROM (X) (M022232)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 35661  
 Invalid: 153185

**NEW RECTANGLE AND AREA FROM CHANGING (X) (M022234A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 35984  
 Invalid: 152862

**NEW RECTANGLE AND AREA FROM CHANGING (X) (M022234B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 28084  
 Invalid: 160762

**AREA SHADED TRIANGLE INSIDE A SQUARE (X) (M022243)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**AREA SHADED TRIANGLE INSIDE A SQUARE (X) (M022243)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 38364  
 Invalid: 150482

**TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X) (M022237)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 39010  
 Invalid: 149836

**CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X) (M022256)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101, 101

Valid cases: 37554  
 Invalid: 151292

**RATIO OF NITRATE TO TOTAL FERTILIZER (D) (M022241)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11, 11

Valid cases: 43002  
 Invalid: 145844

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (M022262A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (M022262A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 40723  
 Invalid: 148123

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (M022262B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 39988  
 Invalid: 148858

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (M022262C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 30424  
 Invalid: 158422

**POS./NEGAT. EFFECT OF DAM ON (X) (S022088A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 38786  
 Invalid: 150060

**POS./NEGAT. EFFECT OF DAM ON (X) (S022088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**POS./NEGAT. EFFECT OF DAM ON (X) (S022088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 37158  
Invalid: 151688

**WATER SUPPLY (X) (S022249A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 38873  
Invalid: 149973

**WATER SUPPLY (X) (S022249B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 35448  
Invalid: 153398

**TWO REASONS FOR WATER SHORTAGE (S022249D)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 39009  
Invalid: 149837

**DATA TREND DESCR.- MASSES ON SPRIN (X) (S022286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DATA TREND DESCR.- MASSES ON SPRIN (X) (S022286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 34187  
 Invalid: 154659

**ENERGY CONVERSION - ELECTRICAL/LIGHT (X) (S022282)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 40865  
 Invalid: 147981

**ECOSYSTEM IN RAIN FOREST (X) (S022172A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 38830  
 Invalid: 150016

**ECOSYSTEM IN RAIN FOREST (X) (S022172B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 38062  
 Invalid: 150784

**HEART RATE EXPERIMENT DESIGN (X) (S022288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**HEART RATE EXPERIMENT DESIGN (X) (S022288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 32829  
 Invalid: 156017

**EXPLAN. OF PULSE RATE INCREASING WIT (X) (S022289)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 40309  
 Invalid: 148537

**TEMPERATURE OF BOILING WATER (X) (S022069)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 40967  
 Invalid: 147879

**FREEZING SALT WATER EXPERIMENT (X) (S022268)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 36515  
 Invalid: 152331

**GALVANIZATION OF STEEL (X) (S022217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GALVANIZATION OF STEEL (X) (S022217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 16124  
 Invalid: 172722

**GALVANIZATION OF STEEL (X) (S022217B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 13847  
 Invalid: 174999

**GALVANIZATION OF STEEL (X) (S022217C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 11980  
 Invalid: 176866

**GALVANIZATION OF STEEL (S022217D)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 14000  
 Invalid: 174846

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (S022090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (S022090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 17803  
 Invalid: 171043

**HEAT EXPANS.OF BALLOONS - VAPOR PRES (X) (S022048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-99  
 Invalid: 101, 101

Valid cases: 17932  
 Invalid: 170914

**\*TOTAL STUDENT WEIGHT\* (TOTWGT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 6  
 Range: 1-1730.08979

Valid cases: 188846  
 Invalid: 0  
 Minimum: 1  
 Maximum: 1730.1  
 Mean: 104.7  
 Standard deviation: 140

**\*HOUSE WEIGHT\* (HOUWGT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 6  
 Range: 0.009361-25.098368

Valid cases: 188846  
 Invalid: 0  
 Minimum: 0  
 Maximum: 25.1  
 Mean: 1  
 Standard deviation: 0.5

**\*SENATE WEIGHT\* (SENWGT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*SENATE WEIGHT\* (SENWGT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 6  
Range: 0.00108-2.38623

Valid cases: 188846  
Invalid: 0  
Minimum: 0  
Maximum: 2.4  
Mean: 0.1  
Standard deviation: 0.1

**\*JACKKNIFE ZONE\* (JKZONE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-75

Valid cases: 188846  
Invalid: 0  
Minimum: 1  
Maximum: 75  
Mean: 34.6  
Standard deviation: 21.1

**\*JACKKNIFE REPLICATE CODE\* (JKREP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 188846  
Invalid: 0

**\*STANDARDIZED MATH RAW SCORE (50,10)\* (BSMSTDR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 3  
Range: 4.629-113.321

Valid cases: 188846  
Invalid: 0  
Minimum: 4.6  
Maximum: 113.3  
Mean: 50.2  
Standard deviation: 10

**\*NATIONAL MATH RASCH SCORE (150,10)\* (BSMNRSC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*NATIONAL MATH RASCH SCORE (150,10)\* (BSMNRSC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 3  
Range: 101.103-214.507

Valid cases: 188846  
Invalid: 0  
Minimum: 101.1  
Maximum: 214.5  
Mean: 150.2  
Standard deviation: 10

**\*RAW SCORE ON MATH ITEMS\* (BSMSCPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-47

Valid cases: 188846  
Invalid: 0  
Minimum: 0  
Maximum: 47  
Mean: 20.7  
Standard deviation: 10.2

**\*STANDARDIZED SCIENCE RAW SCORE (50,10)\* (BSSSTR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 3  
Range: 5.106-98.856

Valid cases: 188846  
Invalid: 0  
Minimum: 5.1  
Maximum: 98.9  
Mean: 50.2  
Standard deviation: 10

**\*NATIONAL SCIENCE RASCH SCORE (150,10)\* (BSSNRSC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 3  
Range: 84.453-224.269

Valid cases: 188846  
Invalid: 0  
Minimum: 84.5  
Maximum: 224.3  
Mean: 150.2  
Standard deviation: 10

**\*RAW SCORE ON SCIENCE ITEM\* (BSSSCPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*RAW SCORE ON SCIENCE ITEM\* (BSSCPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-44

Valid cases: 188846  
Invalid: 0  
Minimum: 0  
Maximum: 44  
Mean: 20  
Standard deviation: 7.6

**\*IN 1999 ASSESSMENT POPULATION\* (INTMS99)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-1

Valid cases: 188846  
Invalid: 0

**\*IN 1995 ASSESSMENT POPULATION\* (INTMS95)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 188846  
Invalid: 0

**\*1ST PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-912.04

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 912  
Mean: 473.3  
Standard deviation: 124

**\*2ND PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**\*2ND PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-937.73

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 937.7  
Mean: 472.6  
Standard deviation: 125.5

**\*3RD PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-937.21

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 937.2  
Mean: 472.8  
Standard deviation: 125.7

**\*4TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-921.35

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 921.4  
Mean: 472.5  
Standard deviation: 124.9

**\*5TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-922.73

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 922.7  
Mean: 473.4  
Standard deviation: 124.5

**\*1ST PLAUSIBLE VALUE SCIENCE\* (BSSSCI01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*1ST PLAUSIBLE VALUE SCIENCE\* (BSSSCI01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-900.41

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 900.4  
Mean: 470.1  
Standard deviation: 129.2

**\*2ND PLAUSIBLE VALUE SCIENCE\* (BSSSCI02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-903.53

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 903.5  
Mean: 469.9  
Standard deviation: 128.5

**\*3RD PLAUSIBLE VALUE SCIENCE\* (BSSSCI03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-916.23

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 916.2  
Mean: 470.6  
Standard deviation: 128.3

**\*4TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-926.73

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 926.7  
Mean: 469.6  
Standard deviation: 129.1

**\*5TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*5TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-953.8

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 953.8  
Mean: 469.6  
Standard deviation: 129.6

**\*1ST PV ALGEBRA\* (BSMALG01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-985.73

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 985.7  
Mean: 474.7  
Standard deviation: 124.7

**\*2ND PV ALGEBRA\* (BSMALG02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 474.1  
Standard deviation: 124.2

**\*3RD PV ALGEBRA\* (BSMALG03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-968.03

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 968  
Mean: 473.7  
Standard deviation: 124

**\*4TH PV ALGEBRA\* (BSMALG04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*4TH PV ALGEBRA\* (BSMALG04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-942.08

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 942.1  
Mean: 473.3  
Standard deviation: 126.2

**\*5TH PV ALGEBRA\* (BSMALG05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 474.1  
Standard deviation: 124.6

**\*1ST PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 479.2  
Standard deviation: 114.6

**\*2ND PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 477.9  
Standard deviation: 114.5

**\*3RD PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*3RD PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 478.9  
Standard deviation: 115.2

**\*4TH PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 479.2  
Standard deviation: 115.5

**\*5TH PV DATA REPR.,ANALYSIS,PROBABILITY\* (BSMDAP05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 478.8  
Standard deviation: 115.9

**\*1ST PV FRACTIONS + NUMBER SENSE\* (BSMFNS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-955.44

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 955.4  
Mean: 475.5  
Standard deviation: 122.1

**\*2ND PV FRACTIONS + NUMBER SENSE\* (BSMFNS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*2ND PV FRACTIONS + NUMBER SENSE\* (BSMFNS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-933.42

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 933.4  
Mean: 475.6  
Standard deviation: 122.1

**\*3RD PV FRACTIONS + NUMBER SENSE\* (BSMFNS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-939.94

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 939.9  
Mean: 474.8  
Standard deviation: 122.6

**\*4TH PV FRACTIONS + NUMBER SENSE\* (BSMFNS04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-953.13

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 953.1  
Mean: 475.8  
Standard deviation: 122.2

**\*5TH PV FRACTIONS + NUMBER SENSE\* (BSMFNS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-898.54

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 898.5  
Mean: 474.7  
Standard deviation: 121.7

**\*1ST PV GEOMETRY\* (BSMGEO01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*1ST PV GEOMETRY\* (BSMGEO01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.7  
Standard deviation: 117

**\*2ND PV GEOMETRY\* (BSMGEO02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 474.9  
Standard deviation: 118.1

**\*3RD PV GEOMETRY\* (BSMGEO03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.8  
Standard deviation: 118.2

**\*4TH PV GEOMETRY\* (BSMGEO04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.9  
Standard deviation: 120.3

**\*5TH PV GEOMETRY\* (BSMGEO05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*5TH PV GEOMETRY\* (BSMGEO05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.9  
Standard deviation: 119.2

**\*1ST PV MEASUREMENT\* (BSMMEA01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-923.03

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 923  
Mean: 474.9  
Standard deviation: 119.7

**\*2ND PV MEASUREMENT\* (BSMMEA02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-970.88

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 970.9  
Mean: 474.7  
Standard deviation: 119.2

**\*3RD PV MEASUREMENT\* (BSMMEA03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-957.04

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 957  
Mean: 474.3  
Standard deviation: 119.9

**\*4TH PV MEASUREMENT\* (BSMMEA04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**\*4TH PV MEASUREMENT\* (BSMMEA04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-930.99

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 931  
Mean: 473.8  
Standard deviation: 120.8

**\*5TH PV MEASUREMENT\* (BSMMEA05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-969.73

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 969.7  
Mean: 474.4  
Standard deviation: 120.2

**\*1ST PV CHEMISTRY\* (BSSCHE01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.1  
Standard deviation: 116.5

**\*2ND PV CHEMISTRY\* (BSSCHE02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.3  
Standard deviation: 117.4

**\*3RD PV CHEMISTRY\* (BSSCHE03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*3RD PV CHEMISTRY\* (BSSCHE03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.1  
Standard deviation: 117.9

**\*4TH PV CHEMISTRY\* (BSSCHE04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476  
Standard deviation: 117.3

**\*5TH PV CHEMISTRY\* (BSSCHE05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.7  
Standard deviation: 117.7

**\*1ST PV EARTH SCIENCE\* (BSSEAS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.4  
Standard deviation: 116.9

**\*2ND PV EARTH SCIENCE\* (BSSEAS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*2ND PV EARTH SCIENCE\* (BSSEAS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.9  
Standard deviation: 116.8

**\*3RD PV EARTH SCIENCE\* (BSSEAS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 477  
Standard deviation: 116.4

**\*4TH PV EARTH SCIENCE\* (BSSEAS04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.2  
Standard deviation: 116.1

**\*5TH PV EARTH SCIENCE\* (BSSEAS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.2  
Standard deviation: 117.6

**\*1ST PV LIFE SCIENCE\* (BSSLIS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*1ST PV LIFE SCIENCE\* (BSSLIS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 473.1  
Standard deviation: 123.2

**\*2ND PV LIFE SCIENCE\* (BSSLIS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 472.9  
Standard deviation: 124

**\*3RD PV LIFE SCIENCE\* (BSSLIS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-952.61

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 952.6  
Mean: 473.4  
Standard deviation: 122.4

**\*4TH PV LIFE SCIENCE\* (BSSLIS04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 472.8  
Standard deviation: 122.7

**\*5TH PV LIFE SCIENCE\* (BSSLIS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*5TH PV LIFE SCIENCE\* (BSSLIS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 473.8  
Standard deviation: 123.7

**\*1ST PV PHYSICS\* (BSSPHY01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 474.1  
Standard deviation: 121.9

**\*2ND PV PHYSICS\* (BSSPHY02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-970.51

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 970.5  
Mean: 472.8  
Standard deviation: 121.8

**\*3RD PV PHYSICS\* (BSSPHY03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 474.8  
Standard deviation: 121.4

**\*4TH PV PHYSICS\* (BSSPHY04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*4TH PV PHYSICS\* (BSSPHY04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-966.72

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 966.7  
Mean: 475.1  
Standard deviation: 121.4

**\*5TH PV PHYSICS\* (BSSPHY05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-989.21

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 989.2  
Mean: 473.9  
Standard deviation: 121.2

**\*1ST PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 480.1  
Standard deviation: 117

**\*2ND PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 479.6  
Standard deviation: 118

**\*3RD PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*3RD PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 478.5  
Standard deviation: 118

**\*4TH PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 479.8  
Standard deviation: 117.9

**\*5TH PV ENVIRONM.ISS. + RESOURCE ISS.\* (BSSERI05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 479.1  
Standard deviation: 116.8

**\*1ST PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.9  
Standard deviation: 121

**\*2ND PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*2ND PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.4  
Standard deviation: 119.8

**\*3RD PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.6  
Standard deviation: 121.9

**\*4TH PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 475.9  
Standard deviation: 119

**\*5TH PV SCIENT. INQUIRY + NAT. OF SCI\* (BSSNOS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-995

Valid cases: 188846  
Invalid: 0  
Minimum: 5  
Maximum: 995  
Mean: 476.8  
Standard deviation: 120.6

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 53001-62101

Valid cases: 188846  
Invalid: 0  
Minimum: 53001  
Maximum: 62101  
Mean: 53527.4  
Standard deviation: 2012.1

**\*BOOKLET SET (CODING)\* (IDBSET)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 8145  
Invalid: 180701

**\*ACHIEVEMENT TEST BOOKLET\* (ITBOOK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-8

Valid cases: 8146  
Invalid: 180700

**\*LANGUAGE OF TESTING\* (ITLANG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 8146  
Invalid: 180700

**\*TEST ADMINISTRATORS POSITION\* (ITADMINI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*TEST ADMINISTRATORS POSITION\* (ITADMINI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8062  
Invalid: 180784

**\*DATE OF TESTING/MONTH\* (ITDATEM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-11  
Invalid: 101

Valid cases: 7554  
Invalid: 181292  
Minimum: 1  
Maximum: 11  
Mean: 10.4  
Standard deviation: 0.5

**\*DATE OF TESTING/YEAR\* (ITDATEY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 1998-1998  
Invalid: 10001

Valid cases: 7627  
Invalid: 181219  
Minimum: 1998  
Maximum: 1998  
Mean: 1998  
Standard deviation: 0

**GEN\DATE OF BIRTH\DAY (BSBGBIRD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-31  
Invalid: 101

Valid cases: 7287  
Invalid: 181559  
Minimum: 1  
Maximum: 31  
Mean: 15  
Standard deviation: 8.9

**GEN\DATE OF BIRTH\MONTH (BSBGBIRM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\DATE OF BIRTH\MONTH (BSBGBIRM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous	Valid cases: 8084
Format: numeric	Invalid: 180762
Width: 3	Minimum: 1
Decimals: 0	Maximum: 12
Range: 1-12	Mean: 6.6
Invalid: 101	Standard deviation: 3.4

**GEN\DATE OF BIRTH\YEAR (BSBGBIRY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous	Valid cases: 8091
Format: numeric	Invalid: 180755
Width: 3	Minimum: 69
Decimals: 0	Maximum: 89
Range: 69-89	Mean: 82.8
Invalid: 101	Standard deviation: 1.9

**D:STUDENTS AGE (BSDAGE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous	Valid cases: 7601
Format: numeric	Invalid: 181245
Width: 6	Minimum: 9.4
Decimals: 2	Maximum: 28.8
Range: 9.42-28.83	Mean: 15.5
Invalid: 101	Standard deviation: 1.9

**GEN\STUDENT'S SEX (BSBGSEX)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 8025
Format: numeric	Invalid: 180821
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**GEN\BORN IN COUNTRY (BSBGBRN1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\BORN IN COUNTRY (BSBGBRN1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7979  
Invalid: 180867

**GEN\BORN IN COUNTRY\AGE (BSBGBRN2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-24  
Invalid: 101, 101

Valid cases: 917  
Invalid: 187929  
Minimum: 1  
Maximum: 24  
Mean: 13.1  
Standard deviation: 5

**GEN\SPEAK LANGUAGE OF TEST AT HOME (BSBGLANG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7887  
Invalid: 180959

**MAT\OUTSIDE SCHL\EXTRA LESSONS (BSBMEXTR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7611  
Invalid: 181235

**SCI\OUTSIDE SCHL\EXTRA LESSONS (BSBSEXTR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\OUTSIDE SCHL\EXTRA LESSONS (BSBSEXTR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7504  
Invalid: 181342

**GEN\OUTSIDE SCHL\CLUBS PARTICIPATION (BSBGCLUB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7459  
Invalid: 181387

**GEN\OUTSIDE SCHL\WORK AT PAID JOB (BSBGPAID)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7473  
Invalid: 181373

**GEN\OUTSIDE SCHL\WATCH TV OR VIDEOS (BSBGDAY1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7687  
Invalid: 181159

**GEN\OUTSIDE SCHL\PLAY COMPUTER GAMES (BSBGDAY2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\OUTSIDE SCHL\PLAY COMPUTER GAMES (BSBGDAY2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7486  
Invalid: 181360

**GEN\OUTSIDE SCHL\PLAY WITH FRIENDS (BSBGDAY3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7562  
Invalid: 181284

**GEN\OUTSIDE SCHL\DOING JOBS AT HOME (BSBGDAY4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7543  
Invalid: 181303

**GEN\OUTSIDE SCHL\PLAYING SPORTS (BSBGDAY5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7474  
Invalid: 181372

**GEN\OUTSIDE SCHL\READING A BOOK (BSBGDAY6)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\OUTSIDE SCHL\READING A BOOK (BSBGDAY6)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7481  
Invalid: 181365

**MAT\OUTSIDE SCHL\STUDYING MATH (BSBMDAY7)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7580  
Invalid: 181266

**SCI\OUTSIDE SCHL\STUDYING SCIENCE (BSBSDAY8)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7542  
Invalid: 181304

**GEN\OUTSIDE SCHL\STUDYING OTHER SUBJ (BSBGDAY9)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7622  
Invalid: 181224

**GEN\HIGHEST EDUC LEVEL\MOTHER (BSBGEDMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\HIGHEST EDUC LEVEL\MOTHER (BSBGEDMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99  
Invalid: 11

Valid cases: 7931  
Invalid: 180915

**GEN\HIGHEST EDUC LEVEL\FATHER (BSBGEDFA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99  
Invalid: 11

Valid cases: 7748  
Invalid: 181098

**GEN\HIGHEST EDUC LEVEL\SELF (BSBGEDSE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7417  
Invalid: 181429

**GEN\BORN IN COUNTRY\MOTHER (BSBGBRNM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7938  
Invalid: 180908

**GEN\BORN IN COUNTRY\FATHER (BSBGBRNF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**GEN\BORN IN COUNTRY\FATHER (BSBGBRNF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7860  
Invalid: 180986

**GEN\# OF BOOKS IN STUDENT'S HOME (BSBGBOOK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7640  
Invalid: 181206

**GEN\HOME POSSESS\CALCULATOR (BSBGPS01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7943  
Invalid: 180903

**GEN\HOME POSSESS\COMPUTER (BSBGPS02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7877  
Invalid: 180969

**GEN\HOME POSSESS\STUDY DESK (BSBGPS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\HOME POSSESS\STUDY DESK (BSBGPS03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7885  
 Invalid: 180961

**GEN\HOME POSSESS\DICTIONARY (BSBGPS04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7917  
 Invalid: 180929

**GEN\HOME POSSESS\ (BSBGPS05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7938  
 Invalid: 180908

**GEN\HOME POSSESS\ (BSBGPS06)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7880  
 Invalid: 180966

**GEN\HOME POSSESS\ (BSBGPS07)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\HOME POSSESS\ (BSBGPS07)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7951  
Invalid: 180895

**GEN\HOME POSSESS\ (BSBGPS08)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7932  
Invalid: 180914

**GEN\HOME POSSESS\ (BSBGPS09)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7914  
Invalid: 180932

**GEN\HOME POSSESS\ (BSBGPS10)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7915  
Invalid: 180931

**GEN\HOME POSSESS\ (BSBGPS11)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\HOME POSSESS\ (BSBGPS11)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7918  
Invalid: 180928

**GEN\HOME POSSESS\ (BSBGPS12)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7894  
Invalid: 180952

**GEN\HOME POSSESS\ (BSBGPS13)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7944  
Invalid: 180902

**GEN\HOME POSSESS\ (BSBGPS14)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7968  
Invalid: 180878

**GEN\HOME POSSESS\ (BSBGPS15)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\HOME POSSESS\ (BSBGPS15)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**GEN\HOME POSSESS\ (BSBGPS16)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**SCI\MOTHER IMPT\DO WELL IN SCIENCE (BSBSMIP1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7767  
 Invalid: 181079

**MAT\MOTHER IMPT\DO WELL IN MATH (BSBMMIP2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7746  
 Invalid: 181100

**GEN\MOTHER IMPT\DO WELL IN LANGUAGE (BSBGMIP3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\MOTHER IMPT\DO WELL IN LANGUAGE (BSBGMIP3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7687  
Invalid: 181159

**GEN\MOTHER IMPT\HAVE TIME FOR FUN (BSBGMIP5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7582  
Invalid: 181264

**GEN\MOTHER IMPT\GOOD IN SPORTS (BSBGMIP4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7689  
Invalid: 181157

**MAT\STUDENTS NEGLECT SCHOOL WORK (BSBMCLS1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7729  
Invalid: 181117

**MAT\STUDENTS ORDERLY AND QUITE (BSBMCLS2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\STUDENTS ORDERLY AND QUITE (BSBMCLS2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7707  
Invalid: 181139

**MAT\STUDENTS DO EXACTLY AS TOLD (BSBMCLS3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7763  
Invalid: 181083

**SCI\FRIENDS IMPT\DO WELL IN SCIENCE (BSBSFIP1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7764  
Invalid: 181082

**MAT\FRIENDS IMPT\DO WELL IN MATH (BSBMFIP2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7732  
Invalid: 181114

**GEN\FRIENDS IMPT\DO WELL IN LANGUAGE (BSBGFIP3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\FRIENDS IMPT\DO WELL IN LANGUAGE (BSBGFIP3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7647  
Invalid: 181199

**GEN\FRIENDS IMPT\HAVE TIME FOR FUN (BSBGFIP4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7566  
Invalid: 181280

**GEN\FRIENDS IMPT\GOOD IN SPORTS (BSBGFIP5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7692  
Invalid: 181154

**SCI\SELF IMPT\DO WELL IN SCIENCE (BSBSSIP1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7803  
Invalid: 181043

**MAT\SELF IMPT\DO WELL IN MATH (BSBMSIP2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**MAT\SELF IMPT\DO WELL IN MATH (BSBMSIP2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7761  
Invalid: 181085

**GEN\SELF IMPT\DO WELL IN LANGUAGE (BSBGSIP3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7674  
Invalid: 181172

**GEN\SELF IMPT\HAVE TIME FOR FUN (BSBGSIP4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7576  
Invalid: 181270

**GEN\SELF IMPT\GOOD IN SPORTS (BSBGSIP5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7695  
Invalid: 181151

**MAT\USUALLY DO WELL IN MATH (BSBMGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\USUALLY DO WELL IN MATH (BSBMGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7845  
 Invalid: 181001

**BIO\USUALLY DO WELL IN BIOLOGY (BSBBGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\USUALLY DO WELL IN EARTH SCI (BSBEGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHEM\USUALLY DO WELL IN CHEMISTRY (BSBCGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\USUALLY DO WELL IN PHYSICS (BSBPGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\USUALLY DO WELL IN PHYSICS (BSBPGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**MAT\LIKE MORE IF NOT SO DIFFICULT (BSBMMYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7879  
 Invalid: 180967

**MAT\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBMMYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7779  
 Invalid: 181067

**MAT\I AM JUST NOT TALENTED (BSBMMYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7739  
 Invalid: 181107

**MAT\I WILL NEVER REALLY UNDERSTAND IT (BSBMMYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\I WILL NEVER REALLY UNDERSTAND IT (BSBMMYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7718  
Invalid: 181128

**MAT\NOT ONE OF MY STRENGTHS (BSBMMYT5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7720  
Invalid: 181126

**MAT\DO WELL\NATURAL TALENT (BSBMDOW1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7738  
Invalid: 181108

**MAT\DO WELL\GOOD LUCK (BSBMDOW2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7749  
Invalid: 181097

**MAT\DO WELL\HARD WORK STUDYING (BSBMDOW3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\DO WELL\HARD WORK STUDYING (BSBMDOW3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7810  
Invalid: 181036

**MAT\DO WELL\MEMORIZE NOTES (BSBMDOW4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7758  
Invalid: 181088

**BIO\LIKE MORE IF NOT SO DIFFICULT (BSBSBYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSBYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\I AM JUST NOT TALENTED (BSBSBYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\I AM JUST NOT TALENTED (BSBSBYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NOT ONE OF MY STRENGTHS (BSBSBYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\LIKE MORE IF NOT SO DIFFICULT (BSBSEYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSEYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\I AM JUST NOT TALENTED (BSBSEYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\I AM JUST NOT TALENTED (BSBSEYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**EAR\NOT ONE OF MY STRENGTHS (BSBSEYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHEM\LIKE MORE IF NOT SO DIFFICULT (BSBSCYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHEM\MORE DIFFICULT FOR ME THAN FOR OTHR (BSBSCYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHEM\I AM JUST NOT TALENTED (BSBSCYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHEM\I AM JUST NOT TALENTED (BSBSCYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHEM\NOT ONE OF MY STRENGTHS (BSBSCYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**PHY\LIKE MORE IF NOT SO DIFFICULT (BSBSPYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**PHY\MORE DIFFICULT FOR ME THAN FOR OTHER (BSBSPYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**PHY\I AM JUST NOT TALENTED (BSBSPYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**PHY\I AM JUST NOT TALENTED (BSBSPYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**PHY\NOT ONE OF MY STRENGTHS (BSBSPYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**SCI\DO WELL\NATURAL TALENT (BSBSDOW1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7663  
Invalid: 181183

**SCI\DO WELL\GOOD LUCK (BSBSDOW2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7628  
Invalid: 181218

**SCI\DO WELL\HARD WORK STUDYING (BSBSDOW3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\DO WELL\HARD WORK STUDYING (BSBSDOW3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7690  
Invalid: 181156

**SCI\DO WELL\MEMORIZE NOTES (BSBSDOW4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7694  
Invalid: 181152

**MAT\LIKE MATHEMATICS (BSBMLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7886  
Invalid: 180960

**BIO\LIKE BIOLOGICAL SCIENCE (BSBBLIKB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\LIKE BIOLOGICAL SCIENCE (BSBBLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\LIKE BIOLOGICAL SCIENCE (BSBBLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\LIKE EARTH SCIENCE (BSBELIKS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\LIKE EARTH SCIENCE (BSBELIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHEM\LIKE\CHEMISTRY (BSBCLIKC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHEM\LIKE\CHEMISTRY (BSBCLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHEM\LIKE\CHEMISTRY (BSBCLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\LIKE\PHYSICS (BSBPLIKP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\LIKE\PHYSICS (BSBPLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**MAT\LIKE COMPUTERS\MATH CLASS (BSBMLUCM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7869  
 Invalid: 180977

**SCI\LIKE COMPUTERS\SCIENCE CLASS (BSBSLUCS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\LIKE COMPUTERS\SCIENCE CLASS (BSBSLUCS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7753  
Invalid: 181093

**GEN\INTERNET\AT HOME (BSBGINT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7978  
Invalid: 180868

**GEN\INTERNET\AT SCHOOL (BSBGINT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 8048  
Invalid: 180798

**GEN\INTERNET\ELSEWHERE (BSBGINT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7083  
Invalid: 181763

**GEN\INTERNET\EMAILS MATH PROJECTS (BSBGOF1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\INTERNET\EMAILS MATH PROJECTS (BSBGOF1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 1930  
Invalid: 186916

**GEN\INTERNET\EMAILS SCIENCE PROJECTS (BSBGOF2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 1905  
Invalid: 186941

**GEN\INTERNET\WWW MATH PROJECTS (BSBGOF3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 1905  
Invalid: 186941

**GEN\INTERNET\WWW SCIENCE PROJECTS (BSBGOF4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 1917  
Invalid: 186929

**MAT\THINK\ENJOY LEARNING MATH (BSBMENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\THINK\ENJOY LEARNING MATH (BSBMENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7805  
Invalid: 181041

**MAT\THINK\MATH IS BORING (BSBMBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7668  
Invalid: 181178

**MAT\THINK\MATH IS AN EASY SUBJECT (BSBMEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7609  
Invalid: 181237

**MAT\THINK\MATH IS IMPORTANT IN LIFE (BSBMLIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7762  
Invalid: 181084

**MAT\THINK\LIKE JOB INVOLVING MATH (BSBMWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\THINK\LIKE JOB INVOLVING MATH (BSBMWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7795  
Invalid: 181051

**MAT\DO WELL\TO GET DESIRED JOB (BSBMJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7861  
Invalid: 180985

**MAT\DO WELL\TO PLEASE PARENTS (BSBMPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7751  
Invalid: 181095

**MAT\DO WELL\TO ENTER DESIRED SCHOOL (BSBMSCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7783  
Invalid: 181063

**MAT\DO WELL\TO PLEASE SELF (BSBMSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**MAT\DO WELL\TO PLEASE SELF (BSBMSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7780  
Invalid: 181066

**MAT\TEACHER SHOW HOW TO DO PROBLEMS (BSBMPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7908  
Invalid: 180938

**MAT\COPY NOTES FROM THE BOARD (BSBMNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7791  
Invalid: 181055

**MAT\HAVE A QUIZ OR TEST (BSBMTEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7721  
Invalid: 181125

**MAT\WORK ON PROJECTS (BSBMPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\WORK ON PROJECTS (BSBM PROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7716  
Invalid: 181130

**MAT\WORK FROM WORKSHEETS ON OUR OWN (BSBM WSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7769  
Invalid: 181077

**MAT\USE CALCULATORS (BSBM CALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7762  
Invalid: 181084

**MAT\USE COMPUTERS (BSBM COMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**MAT\SOLVE WITH EVERYDAY LIFE THINGS (BSBMEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\SOLVE WITH EVERYDAY LIFE THINGS (BSBMEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7777  
Invalid: 181069

**MAT\WORK IN PAIRS OR SMALL GROUPS (BSBMSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7701  
Invalid: 181145

**MAT\TEACHER GIVES HOMEWORK (BSBMHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7738  
Invalid: 181108

**MAT\BEGIN HOMEWORK IN CLASS (BSBMHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7747  
Invalid: 181099

**MAT\TEACHER CHECKS HOMEWORK (BSBMHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\TEACHER CHECKS HOMEWORK (BSBMHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7720  
Invalid: 181126

**MAT\CHECK EACH OTHER'S HOMEWORK (BSBMHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7705  
Invalid: 181141

**MAT\DISCUSS COMPLETED HOMEWORK (BSBMHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7702  
Invalid: 181144

**MAT\TEACHER USES BOARD (BSBMUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7688  
Invalid: 181158

**MAT\TEACHER USES OVERHEAD (BSBMUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\TEACHER USES OVERHEAD (BSBMUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7613  
Invalid: 181233

**MAT\STUDENTS USE BOARD (BSBMUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7638  
Invalid: 181208

**MAT\STUDENTS USE OVERHEAD (BSBMUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7561  
Invalid: 181285

**MAT\TEACHER GETS INTERRUPTED (BSBMRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7735  
Invalid: 181111

**MAT\TEACHER USES COMPUTER (BSBMIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\TEACHER USES COMPUTER (BSBMIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**MAT\NEW TOPIC\TEACHER EXPLAINS RULES (BSBMRULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7919  
 Invalid: 180927

**MAT\NEW TOPIC\DISCUSS PROCTICAL PROB (BSBMPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7800  
 Invalid: 181046

**MAT\NEW TOPIC\WORK IN SMALL GROUPS (BSBMSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7773  
 Invalid: 181073

**MAT\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBMASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**MAT\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBMASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7775  
Invalid: 181071

**MAT\NEW TOPIC\LOOK AT TEXTBOOK (BSBMTXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7807  
Invalid: 181039

**MAT\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBMEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7840  
Invalid: 181006

**SCI\STUDYING THIS YEAR\BIOLOGY (BSBBSTDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**SCI\STUDYING THIS YEAR\CHEMISTRY (BSBCSTDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\STUDYING THIS YEAR\CHEMISTRY (BSBCSTDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**SCI\STUDYING THIS YEAR\EARTH SCIENCE (BSBESTDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**SCI\STUDYING THIS YEAR\PHYSICS (BSBPSTDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\THINK\ENJOY LEARNING BIOLOGY (BSBBENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\THINK\BIOLOGY IS BORING (BSBBBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**BIO\THINK\BIOLOGY IS BORING (BSBBBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\THINK\BIOLOGY IS AN EASY SUBJECT (BSBBEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\THINK\BIOLOGY IS IMPORT IN LIFE (BSBBLIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\THINK\LIKE JOB INVOLVING BIOLOGY (BSBBWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\DO WELL\TO GET DESIRED JOB (BSBBJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\DO WELL\TO GET DESIRED JOB (BSBBJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\DO WELL\TO PLEASE PARENTS (BSBBPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\DO WELL\TO ENTER DESIRED SCHOOL (BSBBSCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\DO WELL\TO PLEASE SELF (BSBBSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER SHOW HOW TO DO PROBLEMS (BSBBPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\TEACHER SHOW HOW TO DO PROBLEMS (BSBBPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\COPY NOTES FROM THE BOARD (BSBBNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\HAVE A QUIZ OR TEST (BSBBTEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\WORK ON PROJECTS (BSBBPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\WORK FROM WORKSHEETS ON OWR OWN (BSBBWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\WORK FROM WORKSHEETS ON OUR OWN (BSBBWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\USE CALCULATORS (BSBBCALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\USE COMPUTERS (BSBBCOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\SOLVE WITH EVERYDAY LIFE THINGS (BSBBEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**BIO\WORK IN PAIRS OR SMALL GROUPS (BSBBSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\WORK IN PAIRS OR SMALL GROUPS (BSBBSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER GIVES HOMEWORK (BSBBHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\BEGIN HOMEWORK IN CLASS (BSBBHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER CHECKS HOMEWORK (BSBBHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\CHECK EACH OTHER'S HOMEWORK (BSBBHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\CHECK EACH OTHER'S HOMEWORK (BSBBHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\DISCUSS COMPLETED HOMEWORK (BSBBHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER GIVES DEMONSTRATION (BSBBDEMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\STUDENTS DO EXPERIMENT IN CLASS (BSBBEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER USES BOARD (BSBBUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\TEACHER USES BOARD (BSBBUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER USES OVERHEAD (BSBBUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\STUDENTS USE BOARD (BSBBUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\STUDENTS USE OVERHEAD (BSBBUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER GETS INTERRUPTED (BSBBRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**BIO\TEACHER GETS INTERRUPTED (BSBBRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\TEACHER USES COMPUTER (BSBBIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\TEACHER EXPLAINS RULES (BSBBRULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBBPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\WORK IN SMALL GROUPS (BSBBSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**BIO\NEW TOPIC\WORK IN SMALL GROUPS (BSBBSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBBASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\LOOK AT TEXTBOOK (BSBBTXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**BIO\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBBEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\THINK\ENJOY LEARNING CHEMISTRY (BSBCENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\THINK\ENJOY LEARNING CHEMISTRY (BSBCENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHE\THINK\CHEMISTRY IS BORING (BSBCBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHE\THINK\CHEM IS AN EASY SUBJECT (BSBCEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHE\THINK\CHEM IS IMPORT IN LIFE (BSBCLIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**CHE\THINK\LIKE JOB INVOLVING CHEM (BSBCWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\THINK\LIKE JOB INVOLVING CHEM (BSBCWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\DO WELL\TO GET DESIRED JOB (BSBCJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\DO WELL\TO PLEASE PARENTS (BSBCPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\DO WELL\TO ENTER DESIRED SCHOOL (BSBCSCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\DO WELL\TO PLEASE SELF (BSBCSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\DO WELL\TO PLEASE SELF (BSBCSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER SHOW HOW TO DO PROBLEMS (BSBCPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\COPY NOTES FROM THE BOARD (BSBCNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\HAVE A QUIZ OR TEST (BSBCTEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\WORK ON PROJECTS (BSBCPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\WORK ON PROJECTS (BSBCPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\WORK FROM WORKSHEETS ON OWR OWN (BSBCWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\USE CALCULATORS (BSBCCALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\USE COMPUTERS (BSBCCOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\SOLVE WITH EVERYDAY LIFE THINGS (BSBCEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\SOLVE WITH EVERYDAY LIFE THINGS (BSBCEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\WORK IN PAIRS OR SMALL GROUPS (BSBCSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER GIVES HOMEWORK (BSBCHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\BEGIN HOMEWORK IN CLASS (BSBCHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER CHECKS HOMEWORK (BSBCHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\TEACHER CHECKS HOMEWORK (BSBCHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\CHECK EACH OTHER'S HOMEWORK (BSBCHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\DISCUSS COMPLETED HOMEWORK (BSBCHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER GIVES DEMONSTRATION (BSBCDEMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\STUDENTS DO EXPERIMENT IN CLASS (BSBCEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\STUDENTS DO EXPERIMENT IN CLASS (BSBCEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER USES BOARD (BSBCUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER USES OVERHEAD (BSBCUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\STUDENTS USE BOARD (BSBCUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\STUDENTS USE OVERHEAD (BSBCUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**CHE\STUDENTS USE OVERHEAD (BSBCUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER GETS INTERRUPTED (BSBCRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\TEACHER USES COMPUTER (BSBCIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\TEACHER EXPLAINS RULES (BSBCRULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBCPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBCPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\WORK IN SMALL GROUPS (BSBCSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBCASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\LOOK AT TEXTBOOK (BSBCTXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**CHE\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBCEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**CHE\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBCEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\THINK\ENJOY LEARNING EARTH SCI (BSBEENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\THINK\EARTH SCI IS BORING (BSBEBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\THINK\EARTH SCI EASY SUBJECT (BSBEEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\THINK\EARTH SCI IMPORT IN LIFE (BSBELIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\THINK\EARTH SCI IMPORT IN LIFE (BSBELIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\THINK\JOB INVOLVING EARTH SCI (BSBEWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\DO WELL\TO GET DESIRED JOB (BSBEJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\DO WELL\TO PLEASE PARENTS (BSBEPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\DO WELL\TO ENTER DESIRED SCHOOL (BSBESCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\DO WELL\TO ENTER DESIRED SCHOOL (BSBESCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\DO WELL\TO PLEASE SELF (BSBESELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER SHOW HOW TO DO PROBLEMS (BSBEPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\COPY NOTES FROM THE BOARD (BSBENOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\HAVE A QUIZ OR TEST (BSBETEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\HAVE A QUIZ OR TEST (BSBETEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\WORK ON PROJECTS (BSBEPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\WORK FROM WORKSHEETS ON OWR OWN (BSBEWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\USE CALCULATORS (BSBECALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\USE COMPUTERS (BSBECOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\USE COMPUTERS (BSBECOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\SOLVE WITH EVERYDAY LIFE THINGS (BSBEEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\WORK IN PAIRS OR SMALL GROUPS (BSBESGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER GIVES HOMEWORK (BSBEHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\BEGIN HOMEWORK IN CLASS (BSBEHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\BEGIN HOMEWORK IN CLASS (BSBEHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER CHECKS HOMEWORK (BSBEHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\CHECK EACH OTHER'S HOMEWORK (BSBEHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\DISCUSS COMPLETED HOMEWORK (BSBEHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER GIVES DEMOSTRATION (BSBEDEMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**EAR\TEACHER GIVES DEMONSTRATION (BSBEDEMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\STUDENTS DO EXPERIMENT IN CLASS (BSBEEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER USES BOARD (BSBEUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER USES OVERHEAD (BSBEUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\STUDENTS USE BOARD (BSBEUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\STUDENTS USE BOARD (BSBEUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\STUDENTS USE OVERHEAD (BSBEUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER GETS INTERRUPTED (BSBERUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\TEACHER USES COMPUTER (BSBEIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\TEACHER EXPLAINS RULES (BSBERULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\NEW TOPIC\TEACHER EXPLAINS RULES (BSBERULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBEPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\WORK IN SMALL GROUPS (BSBESMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBEASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\LOOK AT TEXTBOOK (BSBETXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**EAR\NEW TOPIC\LOOK AT TEXTBOOK (BSBETXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**EAR\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBEEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\THINK\ENJOY LEARNING PHYSICS (BSBPENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\THINK\PHYSICS IS BORING (BSBPBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\THINK\PHYSICS IS EASY SUBJECT (BSBPEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\THINK\PHYSICS IS EASY SUBJECT (BSBPEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\THINK\PHYSICS IMPORT IN LIFE (BSBPLIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\THINK\JOB INVOLVING PHYSICS (BSBPWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\DO WELL\TO GET DESIRED JOB (BSBPJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\DO WELL\TO PLEASE PARENTS (BSBPPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\DO WELL\TO PLEASE PARENTS (BSBPPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\DO WELL\TO ENTER DESIRED SCHOOL (BSBPSCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\DO WELL\TO PLEASE SELF (BSBPSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER SHOW HOW TO DO PROBLEMS (BSBPPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\COPY NOTES FROM THE BOARD (BSBPNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\COPY NOTES FROM THE BOARD (BSBPNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\HAVE A QUIZ OR TEST (BSBPTEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\WORK ON PROJECTS (BSBPPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\WORK FROM WORKSHEETS ON OUR OWN (BSBPWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\USE CALCULATORS (BSBPCALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\USE CALCULATORS (BSBPCALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\USE COMPUTERS (BSBPCOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\SOLVE WITH EVERYDAY LIFE THINGS (BSBPEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\WORK IN PAIRS OR SMALL GROUPS (BSBPSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER GIVES HOMEWORK (BSBPHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**PHY\TEACHER GIVES HOMEWORK (BSBPHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\BEGIN HOMEWORK IN CLASS (BSBPHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER CHECKS HOMEWORK (BSBPHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\CHECK EACH OTHER'S HOMEWORK (BSBPHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\DISCUSS COMPLETED HOMEWORK (BSBPHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\DISCUSS COMPLETED HOMEWORK (BSBPHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER GIVES DEMOSTRATION (BSBPDEMO)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\STUDENTS DO EXPERIMENT IN CLASS (BSBPEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER USES BOARD (BSBPUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER USES OVERHEAD (BSBPUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\TEACHER USES OVERHEAD (BSBPUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\STUDENTS USE BOARD (BSBPUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\STUDENTS USE OVERHEAD (BSBPUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER GETS INTERRUPTED (BSBPRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\TEACHER USES COMPUTER (BSBPIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\TEACHER USES COMPUTER (BSBPIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\TEACHER EXPLAINS RULES (BSBPRULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBPPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\WORK IN SMALL GROUPS (BSBPSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBPASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**PHY\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBPASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\LOOK AT TEXTBOOK (BSBPTXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**PHY\NEW TOPIC\SOLVE RELATED EXAMPLE (BSBPEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**GEN\STUDENT LIVES WITH\MOTHER (BSBGADU1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7932  
 Invalid: 180914

**GEN\STUDENT LIVES WITH\FATHER (BSBGADU2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\STUDENT LIVES WITH\FATHER (BSBGADU2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7864  
Invalid: 180982

**GEN\STUDENT LIVES WITH\BROTHERS(S) (BSBGADU3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7866  
Invalid: 180980

**GEN\STUDENT LIVES WITH\SISTER(S) (BSBGADU4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7835  
Invalid: 181011

**GEN\STUDENT LIVES WITH\STEPMOTHER (BSBGADU5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7786  
Invalid: 181060

**GEN\STUDENT LIVES WITH\STEPFATHER (BSBGADU6)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\STUDENT LIVES WITH\STEPFATHER (BSBGADU6)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7772  
Invalid: 181074

**GEN\STUDENT LIVES WITH\GRANDPRNT(S) (BSBGADU7)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7825  
Invalid: 181021

**GEN\STUDENT LIVES WITH\RELATIVE(S) (BSBGADU8)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7844  
Invalid: 181002

**GEN\STUDENT LIVES WITH\OTHER(S) (BSBGADU9)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7824  
Invalid: 181022

**GEN\# OF PEOPLE LIVING IN HOME (BSBGHOME)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\# OF PEOPLE LIVING IN HOME (BSBGHOME)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 2-60  
Invalid: 101

Valid cases: 6484  
Invalid: 182362  
Minimum: 2  
Maximum: 60  
Mean: 6.8  
Standard deviation: 3.5

**GEN\READ A BOOK (BSBGACT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7779  
Invalid: 181067

**GEN\VISIT A MUSEUM (BSBGACT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7610  
Invalid: 181236

**GEN\ATTEND A CONCERT (BSBGACT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7583  
Invalid: 181263

**GEN\GO TO THE THEATRE (BSBGACT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**GEN\GO TO THE THEATRE (BSBGACT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7558  
Invalid: 181288

**GEN\GO TO THE MOVIES (BSBGACT5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7713  
Invalid: 181133

**GEN\WATCH NEWS OR DOCUMENTARIES (BSBGNEWS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7718  
Invalid: 181128

**GEN\WATCH OPERA,BALLET,CLASS. MUSIC (BSBGOPER)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7640  
Invalid: 181206

**GEN\WATCH NATURE,WILDLIFE,HISTORY (BSBGNATR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\WATCH NATURE,WILDLIFE,HISTORY (BSBGNATR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7522  
 Invalid: 181324

**GEN\WATCH POPULAR MUSIC (BSBGPOPU)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7557  
 Invalid: 181289

**GEN\WATCH SPORTS (BSBGSPRT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7618  
 Invalid: 181228

**GEN\WATCH VIDEO GAMES (BSBGVIDE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7539  
 Invalid: 181307

**GEN\WATCH CARTOONS (BSBGCRTN)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\WATCH CARTOONS (BSBGCRTN)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7485  
Invalid: 181361

**GEN\WATCH COMEDY,ADVENTURE,SUSPENSE (BSBGCMDDY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7712  
Invalid: 181134

**GEN\STUDENT SKIPPED A CLASS (BSBGSSKP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7724  
Invalid: 181122

**GEN\STUDENT HAD SOMETHING STOLEN (BSBGSSTL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7657  
Invalid: 181189

**GEN\STUDENT THOUGHT MIGHT GET HURT (BSBGSHRT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\STUDENT THOUGHT MIGHT GET HURT (BSBGSHRT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7556  
 Invalid: 181290

**GEN\FRIEND SKIPPED A CLASS (BSBGFSKP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7630  
 Invalid: 181216

**GEN\FRIEND HAD SOMETHING STOLEN (BSBGFSTL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7628  
 Invalid: 181218

**GEN\FRIEND THOUGHT MIGHT GET HURT (BSBGFHRT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11

Valid cases: 7709  
 Invalid: 181137

**GEN\AIR POLLUTION (BSBGENV1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\AIR POLLUTION (BSBGENV1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7749  
Invalid: 181097

**GEN\WATER POLLUTION (BSBGENV2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7662  
Invalid: 181184

**GEN\DESTRUCTION OF FORESTS (BSBGENV3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7532  
Invalid: 181314

**GEN\ENDANGERED SPECIES (BSBGENV4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7520  
Invalid: 181326

**GEN\DAMAGE TO OZONE LAYER (BSBGENV5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\ DAMAGE TO OZONE LAYER (BSBGENV5)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7545  
Invalid: 181301

**GEN\ PROBLEMS FR NUCLEAR POWER PLANTS (BSBGENV6)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7673  
Invalid: 181173

**SCI\ CHOOSE OF CARRER IN SCIENCE (BSBSCARE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7145  
Invalid: 181701

**SCI\ DIFFICULT\ WLD MORE LIKE IF LESS DIFF (BSBSSYT1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7817  
Invalid: 181029

**SCI\ DIFFICULT\ MORE DIFF THAN FOR CLSMATE (BSBSSYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\DIFFICULT\MORE DIFF THAN FOR CLSMATE (BSBSSYT2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7737  
Invalid: 181109

**SCI\DIFFICULT\I AM JUST NOT TALENTED (BSBSSYT3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7687  
Invalid: 181159

**SCI\DIFFICULT\NOT ONE OF MY STRENGTHS (BSBSSYT4)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7675  
Invalid: 181171

**MAT\LIKE MATHEMATICS (BSBMLIKM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7886  
Invalid: 180960

**SCI\LIKE SCIENCE (BSBSLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\LIKE SCIENCE (BSBSLIKE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7809  
Invalid: 181037

**SCI\LIKE SCIENCE (BSBSLIKS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7809  
Invalid: 181037

**SCI\STUDYING SCIENCE THIS YEAR (BSBSSCYE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7898  
Invalid: 180948

**SCI\THINK\ENJOY LEARNING SCIENCE (BSBSENJY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7832  
Invalid: 181014

**SCI\THINK\SCIENCE IS BORING (BSBSBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**SCI\THINK\SCIENCE IS BORING (BSBSBORE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7670  
Invalid: 181176

**SCI\THINK\SCIENCE IS AN EASY SUBJECT (BSBSEASY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7680  
Invalid: 181166

**SCI\THINK\SCIENCE IS IMPORT IN LIFE (BSBSLIFE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7743  
Invalid: 181103

**SCI\THINK\LIKE JOB INVOLVING SCIENCE (BSBSWORK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7773  
Invalid: 181073

**SCI\DO WELL\TO GET DESIRED JOB (BSBSJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\DO WELL\TO GET DESIRED JOB (BSBSJOB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7805  
Invalid: 181041

**SCI\DO WELL\TO PLEASE PARENTS (BSBSPRNT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7723  
Invalid: 181123

**SCI\DO WELL\TO ENTER DESIRED SCHOOL (BSBSSCHL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7741  
Invalid: 181105

**SCI\DO WELL\TO PLEASE SELF (BSBSSELF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7756  
Invalid: 181090

**SCI\TEACHER SHOW HOW TO DO PROBLEMS (BSBSPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\TEACHER SHOW HOW TO DO PROBLEMS (BSBSPROB)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7667  
 Invalid: 181179

**SCI\COPY NOTES FROM THE BOARD (BSBSNOTE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7609  
 Invalid: 181237

**SCI\HAVE A QUIZ OR TEST (BSBSTEST)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7509  
 Invalid: 181337

**SCI\WORK ON PROJECTS (BSBSPROJ)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7530  
 Invalid: 181316

**SCI\WORK FROM WORKSHEETS ON OUR OWN (BSBSWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\WORK FROM WORKSHEETS ON OUR OWN (BSBSWSHT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7558  
 Invalid: 181288

**SCI\USE CALCULATORS (BSBSCALC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7507  
 Invalid: 181339

**SCI\USE COMPUTERS (BSBSCOMP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9  
 Invalid: 1000000001

Valid cases: 0  
 Invalid: 188846

**SCI\SOLVE WITH EVERYDAY LIFE THINGS (BSBSEVLF)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7557  
 Invalid: 181289

**SCI\WORK IN PAIRS OR SMALL GROUPS (BSBSSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\WORK IN PAIRS OR SMALL GROUPS (BSBSSGRP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7458  
Invalid: 181388

**SCI\TEACHER GIVES HOMEWORK (BSBSHWGV)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7502  
Invalid: 181344

**SCI\BEGIN HOMEWORK IN CLASS (BSBSHWCL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7505  
Invalid: 181341

**SCI\TEACHER CHECKS HOMEWORK (BSBSHWTC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7505  
Invalid: 181341

**SCI\CHECK EACH OTHER'S HOMEWORK (BSBSHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\CHECK EACH OTHER'S HOMEWORK (BSBSHWFC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7415  
 Invalid: 181431

**SCI\DISCUSS COMPLETED HOMEWORK (BSBSHWDS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7455  
 Invalid: 181391

**SCI\TEACHER GIVES DEMONSTRATION (BSBSDemo)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7483  
 Invalid: 181363

**SCI\STUDENTS DO EXPERIMENT IN CLASS (BSBSEXPR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7467  
 Invalid: 181379

**SCI\TEACHER USES BOARD (BSBSUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\TEACHER USES BOARD (BSBSUSBT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7416  
Invalid: 181430

**SCI\TEACHER USES OVERHEAD (BSBSUSOT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7338  
Invalid: 181508

**SCI\STUDENTS USE BOARD (BSBSUSBS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7402  
Invalid: 181444

**SCI\STUDENTS USE OVERHEAD (BSBSUSOS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7343  
Invalid: 181503

**SCI\TEACHER GETS INTERRUPTED (BSBSRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\TEACHER GETS INTERRUPTED (BSBSRUPT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7492  
Invalid: 181354

**SCI\TEACHER USES COMPUTER (BSBSIDEA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-9  
Invalid: 1000000001

Valid cases: 0  
Invalid: 188846

**SCI\NEW TOPIC\TEACHER EXPLAINS RULES (BSBSRULE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7664  
Invalid: 181182

**SCI\NEW TOPIC\DISCUSS PRACTICAL PROB (BSBSPRAC)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11, 11

Valid cases: 7571  
Invalid: 181275

**SCI\NEW TOPIC\WORK IN SMALL GROUPS (BSBSSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**SCI\NEW TOPIC\WORK IN SMALL GROUPS (BSBSSMGP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7531  
 Invalid: 181315

**SCI\NEW TOPIC\ASK WHAT STUDENTS KNOW (BSBSASK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7525  
 Invalid: 181321

**SCI\NEW TOPIC\LOOK AT TEXTBOOK (BSBSTXBK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7571  
 Invalid: 181275

**SCI\SOLVE EXAMPLE RELATED TO PROBLEM (BSBSEG)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-9  
 Invalid: 11, 11

Valid cases: 7601  
 Invalid: 181245

**SCI\USUALLY DO WELL IN SCIENCE (BSBSGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**SCI\USUALLY DO WELL IN SCIENCE (BSBSGOOD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7820  
Invalid: 181026

**GEN\HIGHEST EDUC LEVEL\PARENTS (BSDGEDUP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 8019  
Invalid: 180827

**GEN\POSSESS ALL\COMPUTER\DESK\DICTIONARY (BSDGPSA)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7657  
Invalid: 181189

**GEN\INDEX OF HOME EDUCATIONAL RESOURCES (BSDGHERI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 8004  
Invalid: 180842

**GEN\PEER PRESS ON ACADEMIC WORK (BSDGSPPI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\PEER PRESS ON ACADEMIC WORK (BSDGSPPI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7712  
Invalid: 181134

**GEN\OUT-OF-SCHOOL STUDY TIME (BSDGOSTI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 5537  
Invalid: 183309

**MAT\OUTSIDE SCHL\STUDY MATH (BSDMDAY7)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 1  
Range: 0-7  
Invalid: 11

Valid cases: 7580  
Invalid: 181266  
Minimum: 0  
Maximum: 7  
Mean: 1.8  
Standard deviation: 2

**SCI\OUTSIDE SCHL\STUDY SCIENCE (BSDSDAY8)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 1  
Range: 0-7  
Invalid: 11

Valid cases: 7542  
Invalid: 181304  
Minimum: 0  
Maximum: 7  
Mean: 1.6  
Standard deviation: 1.8

**GEN\OUTSIDE SCHL\STUDY OTHER SUBJ (BSDGDAY9)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**GEN\OUTSIDE SCHL\STUDY OTHER SUBJ (BSDGDAY9)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 1  
Range: 0-7  
Invalid: 11

Valid cases: 7622  
Invalid: 181224  
Minimum: 0  
Maximum: 7  
Mean: 2  
Standard deviation: 2.2

**GEN\OUTSIDE SCHL\STUDY ALL 3 FIELDS (BSDGSALL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7373  
Invalid: 181473

**MAT\INDEX OF CONFIDENCE IN MATH ABILITY (BSDMCMAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7705  
Invalid: 181141

**MAT\POSITIVE ATTITUDE\TOWARD MATHEMATICS (BSDMPATM)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-9  
Invalid: 11

Valid cases: 7725  
Invalid: 181121

**GEN\DAILY HOURS SPENT STUDYING (DPC) (BSDGSTDT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**GEN\DAILY HOURS SPENT STUDYING (DPC) (BSDGSTDT)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous	Valid cases: 5537
Format: numeric	Invalid: 183309
Width: 5	Minimum: 0
Decimals: 2	Maximum: 7
Range: 0-7	Mean: 3.2
Invalid: 11	Standard deviation: 2

**SCI\INDEX OF CONFIDENCE IN SCIENCE ABILI (BSDSCSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7676
Format: numeric	Invalid: 181170
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\INDEX OF CONFIDENCE IN EARTH SCIENCE (BSDECSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\INDEX OF CONFIDENCE IN BIOLOGY ABILI (BSDBCSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\INDEX OF CONFIDENCE IN CHEMISTRY ABI (BSDCCSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**SCI\INDEX OF CONFIDENCE IN CHEMISTRY ABI (BSDCCSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\INDEX OF CONFIDENCE IN PHYSICS ABILI (BSDPCSAI)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\POSITIVE ATTITUDE\TOWARD SCIENCE (BSDSPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 7698
Format: numeric	Invalid: 181148
Width: 2	
Decimals: 0	
Range: 1-9	
Invalid: 11	

**SCI\POSITIVE ATTITUDE\TOWARD EARTH SCIEN (BSDEPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\POSITIVE ATTITUDE\TOWARD BIOLOGY (BSDBPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**SCI\POSITIVE ATTITUDE\TOWARD BIOLOGY (BSDBPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\POSITIVE ATTITUDE\TOWARD CHEMISTRY (BSDCPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**SCI\POSITIVE ATTITUDE\TOWARD PHYSICS (BSDPPATS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 188846
Width: 10	
Decimals: 0	
Range: 1-9	
Invalid: 1000000001	

**\*SCHOOL WEIGHT FACTOR\* (WGTFAC1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Continuous	Valid cases: 8146
Format: numeric	Invalid: 180700
Width: 10	Minimum: 1.4
Decimals: 6	Maximum: 206.6
Range: 1.3611-206.6315	Mean: 32.8
	Standard deviation: 34.4

**\*SCHOOL WEIGHT ADJUSTMENT\* (WGTADJ1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**\*SCHOOL WEIGHT ADJUSTMENT\* (WGTADJ1)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 6  
Range: 1-1.5625

Valid cases: 8146  
Invalid: 180700

**\*CLASS WEIGHT FACTOR\* (WGTFAC2)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-14

Valid cases: 8146  
Invalid: 180700

**\*STUDENT WEIGHT FACTOR\* (WGTFAC3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-1

Valid cases: 8146  
Invalid: 180700

**\*STUDENT WEIGHT ADJUSTMENT\* (WGTADJ3)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 6  
Range: 1-2.15

Valid cases: 8146  
Invalid: 180700

**\*INTERN. MATH BENCH REACHED WITH 1ST PV\* (BSMIBM01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**



**\*INTERN. MATH BENCH REACHED WITH 1ST PV\* (BSMIBM01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. MATH BENCH REACHED WITH 2ND PV\* (BSMIBM02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. MATH BENCH REACHED WITH 3RD PV\* (BSMIBM03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. MATH BENCH REACHED WITH 4TH PV\* (BSMIBM04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. MATH BENCH REACHED WITH 5TH PV\* (BSMIBM05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*INTERN. MATH BENCH REACHED WITH 5TH PV\* (BSMIBM05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. MATH BENCH REACHED WITH 1ST PV\* (BSMNBM01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. MATH BENCH REACHED WITH 2ND PV\* (BSMNBM02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. MATH BENCH REACHED WITH 3RD PV\* (BSMNBM03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. MATH BENCH REACHED WITH 4TH PV\* (BSMNBM04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*NAT. MATH BENCH REACHED WITH 4TH PV\* (BSMNBM04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. MATH BENCH REACHED WITH 5TH PV\* (BSMNBM05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. SCI BENCH REACHED WITH 1ST PV\* (BSSIBM01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. SCI BENCH REACHED WITH 2ND PV\* (BSSIBM02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. SCI BENCH REACHED WITH 3RD PV\* (BSSIBM03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*INTERN. SCI BENCH REACHED WITH 3RD PV\* (BSSIBM03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. SCI BENCH REACHED WITH 4TH PV\* (BSSIBM04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*INTERN. SCI BENCH REACHED WITH 5TH PV\* (BSSIBM05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. SCI BENCH REACHED WITH 1ST PV\* (BSSNBM01)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. SCI BENCH REACHED WITH 2ND PV\* (BSSNBM02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

**\*NAT. SCI BENCH REACHED WITH 2ND PV\* (BSSNBM02)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. SCI BENCH REACHED WITH 3RD PV\* (BSSNBM03)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. SCI BENCH REACHED WITH 4TH PV\* (BSSNBM04)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*NAT. SCI BENCH REACHED WITH 5TH PV\* (BSSNBM05)**

File: TIMSS 1999 - Population 2 - Student Written Assessment - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 8146  
Invalid: 180700

**\*VERSION NUMBER\* (VERSION)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 50-50

Valid cases: 43685  
Invalid: 0

**\*BOOKLET ID\* (IDBOOK)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-8

Valid cases: 43685  
Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 4-12700

Valid cases: 43685  
Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 43685  
Invalid: 0

**\*CODER\* (IDSCORR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**\*CODER\* (IDSCORR)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-401  
Invalid: 1001

Valid cases: 30553  
Invalid: 13132  
Minimum: 0  
Maximum: 401  
Mean: 76.9  
Standard deviation: 88.2

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-886

Valid cases: 43685  
Invalid: 0  
Minimum: 1  
Maximum: 886  
Mean: 143.6  
Standard deviation: 176.6

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 101-88601

Valid cases: 43685  
Invalid: 0  
Minimum: 101  
Maximum: 88601  
Mean: 14369.8  
Standard deviation: 17655.5

**\*STUDENT ID\* (IDSTUD)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: 10101-8860129

Valid cases: 43685  
Invalid: 0  
Minimum: 10101  
Maximum: 8860129  
Mean: 1437000.9  
Standard deviation: 1765548.5

**SEQ. OF FIGURES WITH TRIANGLES (X) (MS22261A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SEQ. OF FIGURES WITH TRIANGLES (X) (MS22261A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4744  
Invalid: 38941

**SEQ. OF FIGURES WITH TRIANGLES (X) (MI22261A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4851  
Invalid: 38834

**SEQ. OF FIGURES WITH TRIANGLES (X) (MR22261A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4210  
Invalid: 39475

**SEQ. OF FIGURES WITH TRIANGLES (X) (MS22261B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4285  
Invalid: 39400

**SEQ. OF FIGURES WITH TRIANGLES (X) (MI22261B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**SEQ. OF FIGURES WITH TRIANGLES (X) (MI22261B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4851  
Invalid: 38834

**SEQ. OF FIGURES WITH TRIANGLES (X) (MR22261B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3784  
Invalid: 39901

**SEQ. OF FIGURES WITH TRIANGLES (X) (MS22261C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3086  
Invalid: 40599

**SEQ. OF FIGURES WITH TRIANGLES (X) (MI22261C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4851  
Invalid: 38834

**SEQ. OF FIGURES WITH TRIANGLES (X) (MR22261C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SEQ. OF FIGURES WITH TRIANGLES (X) (MR22261C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 2654  
Invalid: 41031

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MS22227A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4528  
Invalid: 39157

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MI22227A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4840  
Invalid: 38845

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MR22227A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4011  
Invalid: 39674

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MS22227B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MS22227B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4158  
Invalid: 39527

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MI22227B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4840  
Invalid: 38845

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MR22227B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3671  
Invalid: 40014

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MS22227C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3927  
Invalid: 39758

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MI22227C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MI22227C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4840  
Invalid: 38845

**AREA, SIDE LENGTH, AND PERIM. FROM (X) (MR22227C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3445  
Invalid: 40240

**NR IN SEQUENCE INCREASING BY 4 (X) (MS22008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4726  
Invalid: 38959

**NR IN SEQUENCE INCREASING BY 4 (X) (MI22008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4860  
Invalid: 38825

**NR IN SEQUENCE INCREASING BY 4 (X) (MR22008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**NR IN SEQUENCE INCREASING BY 4 (X) (MR22008)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4215  
Invalid: 39470

**FRACTION LESS THAN 4/9 (X) (MS22012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5142  
Invalid: 38543

**FRACTION LESS THAN 4/9 (X) (MI22012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4844  
Invalid: 38841

**FRACTION LESS THAN 4/9 (X) (MR22012)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4586  
Invalid: 39099

**CURRENT/VOLTAGE TABLE (X) (SS22022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**CURRENT/VOLTAGE TABLE (X) (SS22022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4844  
Invalid: 38841

**CURRENT/VOLTAGE TABLE (X) (SI22022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4854  
Invalid: 38831

**CURRENT/VOLTAGE TABLE (X) (SR22022)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4337  
Invalid: 39348

**FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X) (SS22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3465  
Invalid: 40220

**FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X) (SI22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X) (SI22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4846  
Invalid: 38839

**FORMAT. OF A.-RAIN FROM SULFUR DIOXI (X) (SR22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3010  
Invalid: 40675

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MS22231B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7622  
Invalid: 36063

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MI22231B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9698  
Invalid: 33987

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MR22231B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MR22231B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 6577  
Invalid: 37108

**AREA SHADED RECTANGLE INS. PARALLEL (X) (MS22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9363  
Invalid: 34322

**AREA SHADED RECTANGLE INS. PARALLEL (X) (MI22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9717  
Invalid: 33968

**AREA SHADED RECTANGLE INS. PARALLEL (X) (MR22244)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8269  
Invalid: 35416

**POS./NEGAT. EFFECT OF DAM ON (X) (SS22088A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**POS./NEGAT. EFFECT OF DAM ON (X) (SS22088A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9625  
Invalid: 34060

**POS./NEGAT. EFFECT OF DAM ON (X) (SI22088A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9713  
Invalid: 33972

**POS./NEGAT. EFFECT OF DAM ON (X) (SR22088A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8365  
Invalid: 35320

**POS./NEGAT. EFFECT OF DAM ON (X) (SS22088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9264  
Invalid: 34421

**POS./NEGAT. EFFECT OF DAM ON (X) (SI22088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**POS./NEGAT. EFFECT OF DAM ON (X) (SI22088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9713  
Invalid: 33972

**POS./NEGAT. EFFECT OF DAM ON (X) (SR22088B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8016  
Invalid: 35669

**WATER SUPPLY (X) (SS22249A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9676  
Invalid: 34009

**WATER SUPPLY (X) (SI22249A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9711  
Invalid: 33974

**WATER SUPPLY (X) (SR22249A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**WATER SUPPLY (X) (SR22249A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8450  
Invalid: 35235

**WATER SUPPLY (X) (SS22249B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 8909  
Invalid: 34776

**WATER SUPPLY (X) (SI22249B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9713  
Invalid: 33972

**WATER SUPPLY (X) (SR22249B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7712  
Invalid: 35973

**DATA TREND DESCR.- MASSES ON SPRIN (X) (SS22286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**DATA TREND DESCR.- MASSES ON SPRIN (X) (SS22286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 8623  
Invalid: 35062

**DATA TREND DESCR.- MASSES ON SPRIN (X) (SI22286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9677  
Invalid: 34008

**DATA TREND DESCR.- MASSES ON SPRIN (X) (SR22286)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7446  
Invalid: 36239

**COMPOUNDS, MOLECULES AND ATOMS (X) (SS22174)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5205  
Invalid: 38480

**COMPOUNDS, MOLECULES AND ATOMS (X) (SI22174)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**COMPOUNDS, MOLECULES AND ATOMS (X) (SI22174)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4800  
Invalid: 38885

**COMPOUNDS, MOLECULES AND ATOMS (X) (SR22174)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4622  
Invalid: 39063

**LIFE ON OTHER PLANETS (X) (SS22081)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4746  
Invalid: 38939

**LIFE ON OTHER PLANETS (X) (SI22081)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4798  
Invalid: 38887

**LIFE ON OTHER PLANETS (X) (SR22081)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**LIFE ON OTHER PLANETS (X) (SR22081)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4168  
Invalid: 39517

**DIVISION OF FRACTIONS (X) (MS22026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4828  
Invalid: 38857

**DIVISION OF FRACTIONS (X) (MI22026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4796  
Invalid: 38889

**DIVISION OF FRACTIONS (X) (MR22026)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4249  
Invalid: 39436

**INTERPRET. OF PICTOGRAPH OF HOUSES (X) (MS22030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**INTERPRET. OF PICTOGRAPH OF HOUSES (X) (MS22030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5166  
Invalid: 38519

**INTERPRET. OF PICTOGRAPH OF HOUSES (X) (MI22030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4796  
Invalid: 38889

**INTERPRET. OF PICTOGRAPH OF HOUSES (X) (MR22030)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4581  
Invalid: 39104

**ECOSYSTEM IN RAIN FOREST (X) (SS22172A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9338  
Invalid: 34347

**ECOSYSTEM IN RAIN FOREST (X) (SI22172A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**ECOSYSTEM IN RAIN FOREST (X) (SI22172A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9457  
Invalid: 34228

**ECOSYSTEM IN RAIN FOREST (X) (SR22172A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8160  
Invalid: 35525

**NR OF CLUB MEMBERS THAT ARE BOYS (X) (MS22228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9179  
Invalid: 34506

**NR OF CLUB MEMBERS THAT ARE BOYS (X) (MI22228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9724  
Invalid: 33961

**NR OF CLUB MEMBERS THAT ARE BOYS (X) (MR22228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**NR OF CLUB MEMBERS THAT ARE BOYS (X) (MR22228)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8066  
Invalid: 35619

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MS22231A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8495  
Invalid: 35190

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MI22231A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9698  
Invalid: 33987

**NR AND FRACTION OF 2 TYPES OF BOXE (X) (MR22231A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7414  
Invalid: 36271

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (MS22046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (MS22046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5139  
Invalid: 38546

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (MI22046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4861  
Invalid: 38824

**TOTAL KILOGRAMS OF SEED FROM MIXTURE (X) (MR22046)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4539  
Invalid: 39146

**PERIMETER OF SQUARE FROM AREA (X) (MS22055)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4863  
Invalid: 38822

**PERIMETER OF SQUARE FROM AREA (X) (MI22055)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**PERIMETER OF SQUARE FROM AREA (X) (MI22055)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4865  
Invalid: 38820

**PERIMETER OF SQUARE FROM AREA (X) (MR22055)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4286  
Invalid: 39399

**POLES ON CUT MAGNET (X) (SS22035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4979  
Invalid: 38706

**POLES ON CUT MAGNET (X) (SI22035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4861  
Invalid: 38824

**POLES ON CUT MAGNET (X) (SR22035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**POLES ON CUT MAGNET (X) (SR22035)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4381  
Invalid: 39304

**ADVANTAGE OF HAVING TWO EARS (X) (SS22160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4898  
Invalid: 38787

**ADVANTAGE OF HAVING TWO EARS (X) (SI22160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4862  
Invalid: 38823

**ADVANTAGE OF HAVING TWO EARS (X) (SR22160)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4295  
Invalid: 39390

**ESTIMATE TIME FOR WATER TO COOL FROM (X) (MS22232)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**ESTIMATE TIME FOR WATER TO COOL FROM (X) (MS22232)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9015  
Invalid: 34670

**ESTIMATE TIME FOR WATER TO COOL FROM (X) (MI22232)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9694  
Invalid: 33991

**ESTIMATE TIME FOR WATER TO COOL FROM (X) (MR22232)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7868  
Invalid: 35817

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MS22234A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8827  
Invalid: 34858

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MI22234A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MI22234A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9675  
Invalid: 34010

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MR22234A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7669  
Invalid: 36016

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MS22234B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 6922  
Invalid: 36763

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MI22234B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9676  
Invalid: 34009

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MR22234B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**NEW RECTANGLE AND AREA FROM CHANGING (X) (MR22234B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 6000  
Invalid: 37685

**AREA SHADED TRIANGLE INSIDE A SQUARE (X) (MS22243)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9453  
Invalid: 34232

**AREA SHADED TRIANGLE INSIDE A SQUARE (X) (MI22243)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9683  
Invalid: 34002

**AREA SHADED TRIANGLE INSIDE A SQUARE (X) (MR22243)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8268  
Invalid: 35417

**ENERGY CONVERSION - ELECTRICAL/LIGHT (X) (SS22282)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**ENERGY CONVERSION - ELECTRICAL/LIGHT (X) (SS22282)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9748  
Invalid: 33937

**ENERGY CONVERSION - ELECTRICAL/LIGHT (X) (SI22282)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9463  
Invalid: 34222

**ENERGY CONVERSION - ELECTRICAL/LIGHT (X) (SR22282)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8605  
Invalid: 35080

**B/ECOSYSTEM IN RAIN FOREST (X) (SS22172B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9191  
Invalid: 34494

**B/ECOSYSTEM IN RAIN FOREST (X) (SI22172B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**B/ECOSYSTEM IN RAIN FOREST (X) (SI22172B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9456  
Invalid: 34229

**B/ECOSYSTEM IN RAIN FOREST (X) (SR22172B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8030  
Invalid: 35655

**HEART RATE EXPERIMENT DESIGN (X) (SS22288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7936  
Invalid: 35749

**HEART RATE EXPERIMENT DESIGN (X) (SI22288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9450  
Invalid: 34235

**HEART RATE EXPERIMENT DESIGN (X) (SR22288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**HEART RATE EXPERIMENT DESIGN (X) (SR22288)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 6872  
Invalid: 36813

**EFFICIENCY OF MACHINES PUMPING WATER (X) (SS22017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4804  
Invalid: 38881

**EFFICIENCY OF MACHINES PUMPING WATER (X) (SI22017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4674  
Invalid: 39011

**EFFICIENCY OF MACHINES PUMPING WATER (X) (SR22017)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4269  
Invalid: 39416

**COMPLETE FOOD WEB (X) (SS22140)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**COMPLETE FOOD WEB (X) (SS22140)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5014  
Invalid: 38671

**COMPLETE FOOD WEB (X) (SI22140)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4656  
Invalid: 39029

**COMPLETE FOOD WEB (X) (SR22140)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4451  
Invalid: 39234

**FIND VALUE OF X IN MATHEMAT. EQUATIO (X) (MS22089)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4432  
Invalid: 39253

**FIND VALUE OF X IN MATHEMAT. EQUATIO (X) (MI22089)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FIND VALUE OF X IN MATHEMAT. EQUATIO (X) (MI22089)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4668  
Invalid: 39017

**FIND VALUE OF X IN MATHEMAT. EQUATIO (X) (MR22089)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3954  
Invalid: 39731

**EXPLAN. OF PULSE RATE INCREASING WIT (X) (SS22289)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9654  
Invalid: 34031

**EXPLAN. OF PULSE RATE INCREASING WIT (X) (SI22289)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9582  
Invalid: 34103

**EXPLAN. OF PULSE RATE INCREASING WIT (X) (SR22289)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**EXPLAN. OF PULSE RATE INCREASING WIT (X) (SR22289)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8535  
Invalid: 35150

**TEMPERATURE OF BOILING WATER (X) (SS22069)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9811  
Invalid: 33874

**TEMPERATURE OF BOILING WATER (X) (SI22069)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9560  
Invalid: 34125

**TEMPERATURE OF BOILING WATER (X) (SR22069)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8691  
Invalid: 34994

**FREEZING SALT WATER EXPERIMENT (X) (SS22268)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FREEZING SALT WATER EXPERIMENT (X) (SS22268)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8729  
Invalid: 34956

**FREEZING SALT WATER EXPERIMENT (X) (SI22268)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9558  
Invalid: 34127

**FREEZING SALT WATER EXPERIMENT (X) (SR22268)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 7666  
Invalid: 36019

**RATIO OF CHILDREN TO ADULTS ON BUS (X) (MS22106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4809  
Invalid: 38876

**RATIO OF CHILDREN TO ADULTS ON BUS (X) (MI22106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**RATIO OF CHILDREN TO ADULTS ON BUS (X) (MI22106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4824  
Invalid: 38861

**RATIO OF CHILDREN TO ADULTS ON BUS (X) (MR22106)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4209  
Invalid: 39476

**MULTIPLY TWO DECIMALS (X) (MS22110)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5147  
Invalid: 38538

**MULTIPLY TWO DECIMALS (X) (MI22110)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4828  
Invalid: 38857

**MULTIPLY TWO DECIMALS (X) (MR22110)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**MULTIPLY TWO DECIMALS (X) (MR22110)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4518  
Invalid: 39167

**HOW GLASSES/C.LENSES IMPROVE VISI (X) (SS22161)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4316  
Invalid: 39369

**HOW GLASSES/C.LENSES IMPROVE VISI (X) (SI22161)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4823  
Invalid: 38862

**HOW GLASSES/C.LENSES IMPROVE VISI (X) (SR22161)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3733  
Invalid: 39952

**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (SS22191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (SS22191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5367  
Invalid: 38318

**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (SI22191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4830  
Invalid: 38855

**CANDLES IN 3 JARS-OXYGEN FOR COMBUST.(X) (SR22191)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4737  
Invalid: 38948

**BRUSH REFLECTED IN MIRROR - ANGLED (X) (SS22279)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5001  
Invalid: 38684

**BRUSH REFLECTED IN MIRROR - ANGLED (X) (SI22279)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**BRUSH REFLECTED IN MIRROR - ANGLED (X) (SI22279)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4836  
Invalid: 38849

**BRUSH REFLECTED IN MIRROR - ANGLED (X) (SR22279)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4383  
Invalid: 39302

**CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X) (MS22256)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9322  
Invalid: 34363

**CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X) (MI22256)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9743  
Invalid: 33942

**CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X) (MR22256)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**CHEAPER MAGAZINE SUBSCRIPT.BASED ON (X) (MR22256)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8118  
Invalid: 35567

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MS22262A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 10018  
Invalid: 33667

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MI22262A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9745  
Invalid: 33940

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MR22262A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8781  
Invalid: 34904

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MS22262B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MS22262B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9916  
Invalid: 33769

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MI22262B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9744  
Invalid: 33941

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MR22262B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8676  
Invalid: 35009

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MS22262C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101, 101

Valid cases: 7644  
Invalid: 36041

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MI22262C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MI22262C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9742  
Invalid: 33943

**SEQ.OF FIGURES CONTAINING CIRCLES (X) (MR22262C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 6579  
Invalid: 37106

**FOOD WEB - EFFECT OF CROP FAILURE (X) (SS22141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 10-99

Valid cases: 5513  
Invalid: 38172

**FOOD WEB - EFFECT OF CROP FAILURE (X) (SI22141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4908  
Invalid: 38777

**FOOD WEB - EFFECT OF CROP FAILURE (X) (SR22141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FOOD WEB - EFFECT OF CROP FAILURE (X) (SR22141)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 10-99

Valid cases: 43039  
Invalid: 646

**FLASHL. WITH WHITE/BLACK REFLECTORS (X) (SS22049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5317  
Invalid: 38368

**FLASHL. WITH WHITE/BLACK REFLECTORS (X) (SI22049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4894  
Invalid: 38791

**FLASHL. WITH WHITE/BLACK REFLECTORS (X) (SR22049)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4740  
Invalid: 38945

**FIND VALUE OF EXPRESS.BY SUBSTITUTING(X) (MS22118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FIND VALUE OF EXPRESS.BY SUBSTITUTING(X) (MS22118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4828  
Invalid: 38857

**FIND VALUE OF EXPRESS.BY SUBSTITUTING(X) (MI22118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4909  
Invalid: 38776

**FIND VALUE OF EXPRESS.BY SUBSTITUTING(X) (MR22118)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4296  
Invalid: 39389

**SHADE IN 3/8 OF SQUARES IN GRID (X) (MS22132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5093  
Invalid: 38592

**SHADE IN 3/8 OF SQUARES IN GRID (X) (MI22132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SHADE IN 3/8 OF SQUARES IN GRID (X) (MI22132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4915  
Invalid: 38770

**SHADE IN 3/8 OF SQUARES IN GRID (X) (MR22132)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4522  
Invalid: 39163

**GALVANIZATION OF STEEL (X) (SS22217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4041  
Invalid: 39644

**GALVANIZATION OF STEEL (X) (SI22217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4917  
Invalid: 38768

**GALVANIZATION OF STEEL (X) (SR22217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**GALVANIZATION OF STEEL (X) (SR22217A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3542  
Invalid: 40143

**GALVANIZATION OF STEEL (X) (SS22217B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3486  
Invalid: 40199

**GALVANIZATION OF STEEL (X) (SI22217B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4915  
Invalid: 38770

**GALVANIZATION OF STEEL (X) (SR22217B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3016  
Invalid: 40669

**GALVANIZATION OF STEEL (X) (SS22217C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**GALVANIZATION OF STEEL (X) (SS22217C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3020  
Invalid: 40665

**GALVANIZATION OF STEEL (X) (SI22217C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4843  
Invalid: 38842

**GALVANIZATION OF STEEL (X) (SR22217C)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 2537  
Invalid: 41148

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (SS22090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4554  
Invalid: 39131

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (SI22090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (SI22090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4912  
Invalid: 38773

**DIAGRAM OF RAIN FROM SEA FALL ON LAND(X) (SR22090)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4034  
Invalid: 39651

**HEAT EXPANS.OF BALLOONS - VAPOR PRES (X) (SS22048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4423  
Invalid: 39262

**HEAT EXPANS.OF BALLOONS - VAPOR PRES (X) (SI22048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4895  
Invalid: 38790

**HEAT EXPANS.OF BALLOONS - VAPOR PRES (X) (SR22048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**HEAT EXPANS.OF BALLOONS - VAPOR PRES (X) (SR22048)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3884  
Invalid: 39801

**TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X) (MS22237)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 9644  
Invalid: 34041

**TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X) (MI22237)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 9738  
Invalid: 33947

**TWO POSSIBILI.FOR ACTUAL HEIGHT BAS (X) (MR22237)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 8439  
Invalid: 35246

**TIME WHEN FINISH HOMEWORK (X) (MS22148)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**TIME WHEN FINISH HOMEWORK (X) (MS22148)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5231  
Invalid: 38454

**TIME WHEN FINISH HOMEWORK (X) (MI22148)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4914  
Invalid: 38771

**TIME WHEN FINISH HOMEWORK (X) (MR22148)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4589  
Invalid: 39096

**SOLVE EQUATION FOR X (X) (MS22253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5105  
Invalid: 38580

**SOLVE EQUATION FOR X (X) (MI22253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SOLVE EQUATION FOR X (X) (MI22253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4915  
Invalid: 38770

**SOLVE EQUATION FOR X (X) (MR22253)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4473  
Invalid: 39212

**SCOOPS OF FLOUR NEEDED TO FILL BAG (X) (MS22156)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5067  
Invalid: 38618

**SCOOPS OF FLOUR NEEDED TO FILL BAG (X) (MI22156)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4911  
Invalid: 38774

**SCOOPS OF FLOUR NEEDED TO FILL BAG (X) (MR22156)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SCOOPS OF FLOUR NEEDED TO FILL BAG (X) (MR22156)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4455  
Invalid: 39230

**HOLE IN OZONE LAYER (X) (SS22086)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4823  
Invalid: 38862

**HOLE IN OZONE LAYER (X) (SI22086)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4909  
Invalid: 38776

**HOLE IN OZONE LAYER (X) (SR22086)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4182  
Invalid: 39503

**APPEARANCE OF JUPITER AND MOON (X) (SS22283)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**APPEARANCE OF JUPITER AND MOON (X) (SS22283)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5115  
Invalid: 38570

**APPEARANCE OF JUPITER AND MOON (X) (SI22283)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4913  
Invalid: 38772

**APPEARANCE OF JUPITER AND MOON (X) (SR22283)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4476  
Invalid: 39209

**PROCESS TO PREVENT BODY FROM OVERHEA.(X) (SS22152)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4528  
Invalid: 39157

**PROCESS TO PREVENT BODY FROM OVERHEA.(X) (SI22152)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**PROCESS TO PREVENT BODY FROM OVERHEATING (X) (SI22152)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4913  
Invalid: 38772

**PROCESS TO PREVENT BODY FROM OVERHEATING (X) (SR22152)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3922  
Invalid: 39763

**TRANSMISSION OF COLD - CLASSROOM (X) (SS22154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5125  
Invalid: 38560

**TRANSMISSION OF COLD - CLASSROOM (X) (SI22154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4908  
Invalid: 38777

**TRANSMISSION OF COLD - CLASSROOM (X) (SR22154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**TRANSMISSION OF COLD - CLASSROOM (X) (SR22154)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4487  
Invalid: 39198

**FIND MEASURE OF ANGLE FROM SERIES ADJ(X) (MS22202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4798  
Invalid: 38887

**FIND MEASURE OF ANGLE FROM SERIES ADJ(X) (MI22202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4735  
Invalid: 38950

**FIND MEASURE OF ANGLE FROM SERIES ADJ(X) (MR22202)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4146  
Invalid: 39539

**FLUID LEVEL IN U-TUBE (X) (SS22292)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FLUID LEVEL IN U-TUBE (X) (SS22292)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4669  
Invalid: 39016

**FLUID LEVEL IN U-TUBE (X) (SI22292)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4721  
Invalid: 38964

**FLUID LEVEL IN U-TUBE (X) (SR22292)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4032  
Invalid: 39653

**LIGHT FROM SUN AND MOON (X) (SS22078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3965  
Invalid: 39720

**LIGHT FROM SUN AND MOON (X) (SI22078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**LIGHT FROM SUN AND MOON (X) (SI22078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4733  
Invalid: 38952

**LIGHT FROM SUN AND MOON (X) (SR22078)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3376  
Invalid: 40309

**MASS OF FREEZING WATER (X) (SS22281)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4958  
Invalid: 38727

**MASS OF FREEZING WATER (X) (SI22281)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4731  
Invalid: 38954

**MASS OF FREEZING WATER (X) (SR22281)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**MASS OF FREEZING WATER (X) (SR22281)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4302  
Invalid: 39383

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SS22165A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4453  
Invalid: 39232

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SI22165A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4735  
Invalid: 38950

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SR22165A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3833  
Invalid: 39852

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SS22165B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SS22165B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4062  
Invalid: 39623

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SI22165B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4735  
Invalid: 38950

**OUTCOME OF INTRODUCING NEW FISH SPECI(X) (SR22165B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3453  
Invalid: 40232

**ATMOSPHERIC CONDITIONS - CONTROLLJE (X) (SS22284)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4001  
Invalid: 39684

**ATMOSPHERIC CONDITIONS - CONTROLLJE (X) (SI22284)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**ATMOSPHERIC CONDITIONS - CONTROLLJE (X) (SI22284)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4734  
Invalid: 38951

**ATMOSPHERIC CONDITIONS - CONTROLLJE (X) (SR22284)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3426  
Invalid: 40259

**SMALL PIECES OF WOOD BURN FASTER (X) (SS22213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4595  
Invalid: 39090

**SMALL PIECES OF WOOD BURN FASTER (X) (SI22213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4736  
Invalid: 38949

**SMALL PIECES OF WOOD BURN FASTER (X) (SR22213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**SMALL PIECES OF WOOD BURN FASTER (X) (SR22213)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3961  
Invalid: 39724

**HOW MUCH MONEY LEFT IF SPENT 5/8 (X) (MS22219)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4868  
Invalid: 38817

**HOW MUCH MONEY LEFT IF SPENT 5/8 (X) (MI22219)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4730  
Invalid: 38955

**HOW MUCH MONEY LEFT IF SPENT 5/8 (X) (MR22219)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4236  
Invalid: 39449

**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (MS22222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**



**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (MS22222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4872  
Invalid: 38813

**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (MI22222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4737  
Invalid: 38948

**MONEY MARK RECEIV.FROM TOTAL MAGAZINE(X) (MR22222)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4236  
Invalid: 39449

**FLASHL. - AMOUNT OF LIGHT ON WALL AN (X) (SS22043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 5269  
Invalid: 38416

**FLASHL. - AMOUNT OF LIGHT ON WALL AN (X) (SI22043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**FLASHL. - AMOUNT OF LIGHT ON WALL AN (X) (SI22043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4736  
Invalid: 38949

**FLASHL. - AMOUNT OF LIGHT ON WALL AN (X) (SR22043)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4592  
Invalid: 39093

**TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X) (SS22258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4298  
Invalid: 39387

**TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X) (SI22258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4730  
Invalid: 38955

**TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X) (SR22258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**TREE GROWTH - HEIGHT OF NAIL IN TRUNK(X) (SR22258)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3677  
Invalid: 40008

**REASONS FOR FAMINE (X) (SS22277A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4735  
Invalid: 38950

**REASONS FOR FAMINE (X) (SI22277A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4733  
Invalid: 38952

**REASONS FOR FAMINE (X) (SR22277A)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4108  
Invalid: 39577

**REASONS FOR FAMINE (X) (SS22277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**REASONS FOR FAMINE (X) (SS22277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4324  
Invalid: 39361

**REASONS FOR FAMINE (X) (SI22277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4732  
Invalid: 38953

**REASONS FOR FAMINE (X) (SR22277B)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3738  
Invalid: 39947

**DIGESTION IN STOMACH (X) (SS22158)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4046  
Invalid: 39639

**DIGESTION IN STOMACH (X) (SI22158)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**DIGESTION IN STOMACH (X) (SI22158)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4731  
Invalid: 38954

**DIGESTION IN STOMACH (X) (SR22158)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3488  
Invalid: 40197

**WRITE DECIMAL AS FRACT. REDUCED TO LO(X) (MS22178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 4635  
Invalid: 39050

**WRITE DECIMAL AS FRACT. REDUCED TO LO(X) (MI22178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-8  
Invalid: 11

Valid cases: 4729  
Invalid: 38956

**WRITE DECIMAL AS FRACT. REDUCED TO LO(X) (MR22178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

**WRITE DECIMAL AS FRACT. REDUCED TO LO(X) (MR22178)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-99  
Invalid: 101

Valid cases: 3996  
Invalid: 39689

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student Written Assessment Reliability  
- All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 53001-62101

Valid cases: 43685  
Invalid: 0  
Minimum: 53001  
Maximum: 62101  
Mean: 53214.5  
Standard deviation: 1377.5

**\*FILE VERSION\* (VERSION)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 50-50

Valid cases: 495466  
Invalid: 0

**\*COUNTRY ID\* (IDCNTRY)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 4-12700

Valid cases: 495466  
Invalid: 0

**\*POPULATION ID\* (IDPOP)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 495466  
Invalid: 0

**\*SCHOOL ID\* (IDSCHOOL)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-886

Valid cases: 495466  
Invalid: 0  
Minimum: 1  
Maximum: 886  
Mean: 114.6  
Standard deviation: 123.9

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*CLASS ID\* (IDCLASS)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Continuous	Valid cases: 495466
Format: numeric	Invalid: 0
Width: 5	Minimum: 101
Decimals: 0	Maximum: 88601
Range: 101-88601	Mean: 11468.5
	Standard deviation: 12387

**\*STUDENT ID\* (IDSTUD)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous	Valid cases: 495466
Format: numeric	Invalid: 0
Width: 7	Minimum: 10101
Decimals: 0	Maximum: 8860129
Range: 10101-8860129	Mean: 1146862.2
	Standard deviation: 1238700.7

**\*TEACHER ID\* (IDTEACH)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous	Valid cases: 495466
Format: numeric	Invalid: 0
Width: 5	Minimum: 101
Decimals: 0	Maximum: 99999
Range: 101-99999	Mean: 11722.5
	Standard deviation: 13302.3

**\*TEACHER LINK NUMBER\* (IDLINK)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous	Valid cases: 493892
Format: numeric	Invalid: 1574
Width: 2	Minimum: 1
Decimals: 0	Maximum: 40
Range: 1-40	Mean: 2.5
	Standard deviation: 2

**\*GRADE\* (IDGRADER)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**



**\*GRADE\* (IDGRADER)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 495466  
Invalid: 0

**\*INTMS95\* (INTMS95)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 495466  
Invalid: 0

**\*INTMS99\* (INTMS99)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 495466  
Invalid: 0

**\*ZONE CODE\* (JKZONE)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-75

Valid cases: 495466  
Invalid: 0  
Minimum: 1  
Maximum: 75  
Mean: 34.9  
Standard deviation: 21

**\*REPLICATE CODE\* (JKREP)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*REPLICATE CODE\* (JKREP)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 495466  
Invalid: 0

**\*Mathematics Teacher Link\* (MATSUBJ)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-2

Valid cases: 495466  
Invalid: 0

**\*Science Teacher Link\* (SCISUBJ)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-2

Valid cases: 495466  
Invalid: 0

**\*Number of Math Teachers for Student\* (NMTEACH)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 495466  
Invalid: 0

**\*Number of Science Teachers for Student\* (NSTEACH)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*Number of Science Teachers for Student\* (NSTEACH)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 495466  
Invalid: 0

**\*# of Math+Science Teachers combined\* (NTEACH)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-6

Valid cases: 495466  
Invalid: 0

**\*Weight for Mathematics Teacher Data\* (MATWGT)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 6  
Range: 0-1730.08979

Valid cases: 495466  
Invalid: 0  
Minimum: 0  
Maximum: 1730.1  
Mean: 38.2  
Standard deviation: 99.6

**\*Weight for Science Teacher Data\* (SCIWGT)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 6  
Range: 0-1590.3618

Valid cases: 495466  
Invalid: 0  
Minimum: 0  
Maximum: 1590.4  
Mean: 38.2  
Standard deviation: 84.2

**\*Weight for Mat+Sci Teacher Data combin\* (TCHWGT)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*Weight for Mat+Sci Teacher Data combin\* (TCHWGT)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 6  
Range: 0.2-795.1809

Valid cases: 495466  
Invalid: 0  
Minimum: 0.2  
Maximum: 795.2  
Mean: 38.2  
Standard deviation: 56.2

**\*STUDENT WEIGHT\* (TOTWGT)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 6  
Range: 1-1730.08979

Valid cases: 495466  
Invalid: 0  
Minimum: 1  
Maximum: 1730.1  
Mean: 100.8  
Standard deviation: 149.4

**\*1ST PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT01)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-912.04

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 912  
Mean: 486.6  
Standard deviation: 113.4

**\*2ND PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT02)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-937.73

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 937.7  
Mean: 486.4  
Standard deviation: 114.2

**\*3RD PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT03)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*3RD PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT03)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-937.21

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 937.2  
Mean: 486.6  
Standard deviation: 114.4

**\*4TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT04)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-921.35

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 921.4  
Mean: 486.3  
Standard deviation: 113.8

**\*5TH PLAUSIBLE VALUE MATHEMATICS\* (BSMMAT05)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-922.73

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 922.7  
Mean: 486.7  
Standard deviation: 113.8

**\*1ST PLAUSIBLE VALUE SCIENCE\* (BSSSCI01)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-900.41

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 900.4  
Mean: 486.6  
Standard deviation: 116.6

**\*2ND PLAUSIBLE VALUE SCIENCE\* (BSSSCI02)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*2ND PLAUSIBLE VALUE SCIENCE\* (BSSSCI02)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-903.53

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 903.5  
Mean: 486.1  
Standard deviation: 115.8

**\*3RD PLAUSIBLE VALUE SCIENCE\* (BSSSCI03)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-916.23

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 916.2  
Mean: 487  
Standard deviation: 115.7

**\*4TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI04)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-926.73

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 926.7  
Mean: 486.4  
Standard deviation: 116.3

**\*5TH PLAUSIBLE VALUE SCIENCE\* (BSSSCI05)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-953.8

Valid cases: 495466  
Invalid: 0  
Minimum: 5  
Maximum: 953.8  
Mean: 486.5  
Standard deviation: 116.3

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All Countries v1

**Overview**

**\*FILE CREATION DATE AT DPC HAMBURG\* (DPCDATE)**

File: TIMSS 1999 - Population 2 - Student-Teacher Link File - All  
Countries v1

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 52201-52201

Valid cases: 495466  
Invalid: 0

# Documentation

## Questionnaires

### TIMSS 1999 User Guide for the International Database Supplement 1

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Title TIMSS 1999 User Guide for the International Database Supplement 1  
 Author(s) IEA  
 Date 2001-06-01  
 Language English  
 Filename TIMSS 1999 User Guide Supplement 1.pdf

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## Technical documents

### TIMSS 1999 User Guide for the International Database Supplement 2

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Title TIMSS 1999 User Guide for the International Database Supplement 2  
 Author(s) IEA  
 Date 2001-06-01  
 Language English  
 Filename TIMSS 1999 User Guide Supplement 2.pdf

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### TIMSS 1999 User Guide for the International Database Supplement 3

---

Title TIMSS 1999 User Guide for the International Database Supplement 3  
 Author(s) IEA  
 Date 2001-06-01  
 Language English  
 Filename TIMSS 1999 User Guide Supplement 3.pdf

---

### TIMSS 1999 User Guide for the International Database

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Title TIMSS 1999 User Guide for the International Database  
 Author(s) IEA  
 Date 2001-06-01  
 Country South Africa  
 Language English  
 Filename TIMSS 1999 User Guide.pdf

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