

South Africa - Trends in International Mathematics and Science Study, South Africa 2002

TIMSS & PIRLS International Study Center

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Identification

SURVEY ID NUMBER

zaf-iea-tpisc-timss-g9-2002-v1

TITLE

Trends in International Mathematics and Science Study, South Africa 2002

SUBTITLE

Grade 9

COUNTRY

Name	Country code
South Africa	zaf

STUDY TYPE

Trends in International Mathematics and Science Study

SERIES INFORMATION

Trends in International Mathematics and Science Study (TIMSS) is an international assessment that monitors trends in student achievement in mathematics and science. Currently more than 70 countries participate in the assessments, which have been conducted at regular intervals since 1995. Information on the study is available from the TIMSS & PIRLS International Study Center at Boston College <https://timssandpirls.bc.edu>

ABSTRACT

TIMSS 2002-2003 is the third assessment in the TIMSS series which monitors grade 4 and grade 8 student achievement in mathematics and science and collects data on curricula, schools and teachers. TIMSS 2002-2003 collected data for 48 countries. In South Africa, mathematics and science achievement of Grade 9 students was also assessed. The assessment took place in 2002 as part of the 2002-2003 round of TIMSS (Southern hemisphere countries were assessed in 2002 while Northern hemisphere countries were assessed in 2003).

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals and institutions

Version

VERSION DESCRIPTION

v1: Edited anonymised data for distribution under a CC-BY attribution license

Scope

KEYWORDS

Keyword
Mathematics achievement
Science achievement
Educational achievement

Coverage

UNIVERSE

The survey universe was Grade 9 students in South African schools

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
TIMSS & PIRLS International Study Center	Boston College

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
International Association for the Evaluation of Educational Achievement	IEA	Funding agency

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2002-10-21	2002-11-01	Assessments in Southern Hemisphere countries

DATA COLLECTION MODE

Face-to-face computer-assisted interviews [CAPI]

DATA COLLECTORS

Name	Affiliation	Abbreviation	Role
Human Sciences Research Council	Government of South Africa	HSRC	Data collection

Questionnaires

QUESTIONNAIRES

TIMSS included six questionnaires:

- a school questionnaire completed by the principal
- a maths curriculum questionnaire
- a maths questionnaire for learners
- a maths questionnaire for teachers
- a science curriculum questionnaire
- a science questionnaire for learners
- a science questionnaire for teachers

In TIMSS learners completed achievement tests in mathematics and science and completed questionnaires on their home backgrounds and prior experience of and attitudes to mathematics and science. Teachers answered questions on their teaching preparation, teaching styles, professional development and attitudes to mathematics and science. Principals provided information on school characteristics (including resources and technology), parental involvement, grade 9 mathematics and science teaching and teachers, and learner behaviour

Access policy

ACCESS CONDITIONS

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CITATION REQUIREMENTS

TIMSS & PIRLS International Study Center. Trends in International Mathematics and Science Study 2002, South Africa, Grade 9. Version 1 [dataset]. Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College [producer and distributor], 2016. Cape Town: DataFirst [distributor], 2026. DOI: <https://doi.org/10.25828/RNEX-4873>

Metadata production

PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata producer

DATE OF METADATA PRODUCTION

2026-03-26

DDI DOCUMENT VERSION

Version 1

Data Description

Data file	Cases	Variables
timss-2002-sa-gr9-v1	4268	1020

Data file: timss-2002-sa-gr9-v1

Cases: 4268

Variables: 1020

Variables

ID	Name	Label	Question
V1	idpunch	puncher	
V2	idcntry	country id	
V3	idschool	school id	
V4	idgrade	grade	
V5	idstud	student id	
V6	idcheck	checksum id	
V7	check01	blank,core id info ends	
V8	token01	participation status\background quest	
V9	bsbgbrty	gen\date of birth\year	
V10	bsbgbrtm	gen\date of birth\month	
V11	bsbgsex	gen\sex of student	
V12	bsbgpop	gen\population group	
V13	check02	blank,core id info ends	
V14	bsbhlan	gen\home language	
V15	bsbgplho	gen\how many people in your home	
V16	bsbgolan	gen\often speak language of test at home	
V17	bsbgbook	gen\nr of books in your home	
V18	bsbghfsg	gen\how far in sch do you expect to go	
V19	check03	blank,core id info ends	
V20	bsbgps01	gen\home possess\calculator	
V21	bsbgps02	gen\home possess\computer	
V22	bsbgps03	gen\home possess\study desk	
V23	bsbgps04	gen\home possess\dictionary	
V24	bsbgps05	gen\home possess\electricity	
V25	bsbgps06	gen\home possess\running tap water	
V26	bsbgps07	gen\home possess\television	
V27	bsbgps08	gen\home possess\video player	
V28	bsbgps09	gen\home possess\cd player	
V29	bsbgps10	gen\home possess\radio	
V30	bsbgps11	gen\home possess\own bedroom	
V31	bsbgps12	gen\home possess\water flushed toilets	
V32	bsbgps13	gen\home possess\motor car	
V33	bsbgps14	gen\home possess\own bicycle	
V34	bsbgps15	gen\home possess\telephone	
V35	bsbgps16	gen\home possess\fridge	
V36	bsbgmfed	gen\highest education level\mother	
V37	bsbgfmed	gen\highest education level\father	
V38	check04	blank,core id info ends	

ID	Name	Label	Question
V39	bsbmtwel	mat\agree\usually do well in math	
V40	bsbmtmor	mat\agree\would like more math	
V41	bsbmtclm	mat\agree\math is more difficult for me	
V42	bsbmtenj	mat\agree i enjoy learning mathematics	
V43	bsbmttop	mat\agree\do not understand new topic	
V44	bsbmtstr	mat\agree\mat is not one of my strengths	
V45	bsbmtqky	mat\agree i learn things quickly in math	
V46	bsbmbore	mat\agree i find maths boring	
V47	bsbmeasy	mat\agree\maths is an easy subject	
V48	bsbmahdl	mat\agree\will help in my daily life	
V49	bsbmaoss	mat\agree\need mat to learn other subj	
V50	bsbmauni	mat\agree\need mat to get into the univ	
V51	bsbmajob	mat\agree\would like job that inv math	
V52	bsbmaget	mat\agree\need mat to get the job i want	
V53	bsbmplea	mat\agree\need mat to please my parents	
V54	bsbmplm	mat\agree\need mat to please myself	
V55	check05	blank,core id info ends	
V56	bsbmhasm	mat\how often i pract without calculator	
V57	bsbmhwfd	mat\how often\work on fractions decim	
V58	bsbmhgct	mat\how often\data in table chart graph	
V59	bsbmhefr	mat\how often\represent relationships	
V60	bsbmhwsg	mat\how often\we work in groups	
V61	bsbmhmdl	mat\how often\relate to daily lives	
V62	bsbmhexp	mat\how often\we explain our answers	
V63	bsbmhscp	mat\how often\solving complex problems	
V64	bsbmhroh	mat\how often\we review our homework	
V65	bsbmhlsp	mat\how often\listen teacher lecture	
V66	bsbmhwpo	mat\how often\work problems on our own	
V67	bsbmhbhc	mat\how often\begin our homework	
V68	bsbmhhqt	mat\how often\have a quiz or test	
V69	bsbmhcal	mat\how often\we use calculators	
V70	bsbmexto	mat\how often extra lessons	
V71	bsbmhwma	mat\how often teacher gives maths hmwork	
V72	bsbmhwmg	mat\how many minutes maths homework	
V73	check06	blank,core id info ends	
V74	bsbmhwmt	mat\how often do you write a maths test?	
V75	bsbmhwmd	mat\how often is performance discussed?	
V76	bsbmport	mat\does teacher keep portfolio of math?	
V77	bsbmawar	mat\does teach use portf to award marks?	
V78	bsbstwel	sci\agree\usually do well in science	
V79	bsbstmor	sci\agree\would like to take more scien	
V80	bsbstcls	sci\agree\science more difficult for me	
V81	bsbstenj	sci\agree i enjoy learning science	
V82	bsbsttop	sci\agree\do not understand new topic	
V83	bsbststr	sci\agree\science is not my strengths	

ID	Name	Label	Question
V84	bsbstqky	sci\agree i learn things quickly in sci	
V85	bsbsbore	sci\agree i find science boring	
V86	bsbseasy	sci\agree\science is an easy subject	
V87	check07	blank,core id info ends	
V88	bsbsahdl	sci\agree\will help me in my daily life	
V89	bsbsaoss	sci\agree\need science to learn oth subj	
V90	bsbsauni	sci\agree\need sci to get into the univ	
V91	bsbsajob	sci\agree\would like job inv science	
V92	bsbsaget	sci\agree\need sci to get job i want	
V93	bsbsexto	sci\how often extra lessons	
V94	bsbshwma	sci\how often teacher gives sci hmwork	
V95	bsbshwmg	sci\how many minutes sci homework	
V96	check08	blank,core id info ends	
V97	bsbshwmt	sci\how often you write a science test?	
V98	bsbshwmd	sci\how often is performance discussed?	
V99	bsbsport	sci\does teacher keep portfolio: science	
V100	bsbsawar	sci\does teach use portf to award marks?	
V101	bsbshdei	sci\how often\teacher demonstr exp inves	
V102	bsbshfhp	sci\how often\hypotheses or predictions	
V103	bsbshpei	sci\how often\plan experiment or invest	
V104	bsbshcei	sci\how often\conduct exp or invest	
V105	bsbshwgo	sci\how often\work in group exp or inv	
V106	bsbsheoh	sci\how often\write explanation what why	
V107	bsbshits	sci\how often\impact of techn on society	
V108	bsbshmdl	sci\how often\relate to our daily lives	
V109	bsbshpwc	sci\how often\present our work to class	
V110	bsbshroh	sci\how often\we review our homework	
V111	bsbshlsp	sci\how often\listen teacher lecture	
V112	bsbshwpo	sci\how often\work problems on our own	
V113	bsbshbhc	sci\how often\begin our homework	
V114	bsbshhqt	sci\how often\we have a quiz or test	
V115	check09	blank,core id info ends	
V116	bsbetwel	eng\agree\usually do well in english	
V117	bsbetmor	eng\agree\would like to take more eng	
V118	bsbetclm	eng\agree\english more difficult for me	
V119	bsbetenj	eng\agree i enjoy learning english	
V120	bsbettop	eng\agree\do not understand new topic	
V121	bsbetstr	eng\agree\english is not my strengths	
V122	bsbetqky	eng\agree i learn things quickly in eng	
V123	bsbebore	eng\agree i find english boring	
V124	bsbeeasy	eng\agree\english is an easy subject	
V125	bsbeahdl	eng\agree\will help me in my daily life	
V126	bsbeaoss	eng\agree\need english to learn oth subj	
V127	bsbeauni	eng\agree\need eng to get into the univ	
V128	bsbeajob	eng\agree\would like job inv english	

ID	Name	Label	Question
V129	bsbeaget	eng\agree\need eng to get job i want	
V130	check10	blank,core id info ends	
V131	bsbepoem	eng\how often\listen teacher reads poem	
V132	bsbepred	eng\how often\predict outcome of drama	
V133	bsbeplan	eng\how often\design or plan text	
V134	bsbecrit	eng\how often\critically review ad	
V135	bsbedisc	eng\how often\take part in discussion	
V136	bsbelett	eng\how often\write letters etc.	
V137	bsbeimpc	eng\how often\study impact of language	
V138	bsbenews	eng\how often\study newspaper articles	
V139	bsbesimi	eng\how often\understand similarities	
V140	bsbework	eng\how often\present work in small grps	
V141	bsbehmwk	eng\how often\review our homework	
V142	bsbelect	eng\how often\teacher gives lecture	
V143	bsbesolv	eng\how often\solve problems on our own	
V144	bsbehome	eng\how often\begin homework in class	
V145	bsbepuzz	eng\how often\do crossword puzzles	
V146	bsbeexto	eng\how often extra lessons	
V147	bsbehwma	eng\how often teacher gives eng hmwork	
V148	bsbehwmg	eng\how many minutes eng homework	
V149	check11	blank,core id info ends	
V150	bsbehwmt	eng\how often you write a english test?	
V151	bsbehwmd	eng\how often is performance discussed?	
V152	bsbeport	eng\does teacher keep portfolio: english	
V153	bsbeawar	eng\does teach use portf to award marks?	
V154	bsbgusec	gen\do you ever use a computer?	
V155	bsbgchom	gen\use a computer\at home	
V156	bsbgcsch	gen\use a computer\at school	
V157	bsbgclib	gen\use a computer\at a library	
V158	bsbgcfrh	gen\use a computer\at a friends home	
V159	bsbgccaf	gen\use a computer\at an internet cafe	
V160	bsbgcels	gen\use a computer\elsewhere	
V161	bsbmoinf	mat\often\look up ideas and inf for mat	
V162	bsbsoinf	sci\often\look up ideas and inf for sci	
V163	bsbgorep	gen\often\i write reports for school	
V164	bsbgopad	gen\often\i process and analyze data	
V165	check12	blank,core id info ends	
V166	bsbgalbs	gen\agree\like being in school	
V167	bsbgattb	gen\agree\std try their best	
V168	bsbgatcs	gen\agree\tch care about the std	
V169	bsbgatsb	gen\agree\tch want std to do best	
V170	bsbgstol	gen\in sch\sth of mine was stolen	
V171	bsbghurt	gen\in sch\hit or hurt by other std	
V172	bsbgmade	gen\in sch\made to do things by oth std	
V173	bsbgmfun	gen\in sch\made fun of or called names	

ID	Name	Label	Question
V174	bsbgleft	gen\in sch\was left out of activities	
V175	bsbggrace	gen\in sch\learners from other races	
V176	bsbgcomf	gen\agree\more comfortable with own race	
V177	bsbgfavr	gen\agree\teachers favour some races	
V178	bsbglern	gen\agree\liked to learn oth sa language	
V179	bsbgemix	gen\agree\encourages us to mix	
V180	bsbgasso	gen\agree\same race teachers associate	
V181	bsbgnegr	gen\agree\learners make negative comment	
V182	bsbgorac	gen\agree\mainly mix with own race group	
V183	bsbgslan	gen\agree\mainly mix with same language	
V184	bsbgfigt	gen\agree\fight because of race issues	
V185	check13	blank,core id info ends	
V186	bsbgtime	gen\in sch\time-table for classes	
V187	bsbgfoll	gen\in sch\teachers follow time-table	
V188	bsbgstri	gen\in sch\teachers strike	
V189	bsbgabsn	gen\in sch\teachers absent from school	
V190	bsbgbadw	gen\in sch\bad weather	
V191	bsbgfune	gen\in sch\funerals	
V192	bsbgeven	gen\in sch\cultural or sports events	
V193	bsbgboyc	gen\in sch\learner boycotts	
V194	bsbgmoth	gen\in sch\miss school other	
V195	bsbgwatv	gen\spend time\watch tv videos	
V196	bsbgplcg	gen\spend time\play computer games	
V197	bsbgplfd	gen\spend time\play talk with friend	
V198	bsbgjohm	gen\spend time\do jobs at home	
V199	bsbgwkpj	gen\spend time\work paid job	
V200	bsbgplsp	gen\spend time\i play sports	
V201	bsbgrebo	gen\spend time\read a book for enjoy	
V202	bsbgusin	gen\spend time\use internet	
V203	bsbgdohw	gen\spend time\do homework	
V204	check14	blank,core id info ends	
V205	bsbgtrav	gen\about you\far you travel to school	
V206	bsbgtake	gen\about you\how long does it take	
V207	bsbgmost	gen\about you\most often get to school	
V208	bsbgread	gen\about you\read books at home	
V209	bsbgpape	gen\about you\buy newspapers or magazine	
V210	bsbgseer	gen\about you\see parents read	
V211	bsbgpask	gen\about you\parents ask about sch work	
V212	check15	blank,core id info ends	
V213	bsbgslib	gen\about you\school has library	
V214	bsbgusel	gen\about you\use school library	
V215	bsbgplib	gen\about you\community has library	
V216	bsbgusep	gen\about you\use community library	
V217	bsbgmeab	gen\about you\meal before school	
V218	bsbgmeaa	gen\about you\meal after school (lunch)	

ID	Name	Label	Question
V219	bsbgmeae	gen\about you\evening meal (supper)	
V220	bsbgkill	gen\about you\aids kill people	
V221	bsbgspre	gen\about you\aids spread exc blood	
V222	bsbgkiss	gen\about you\aids spread kissing	
V223	bsbgamen	gen\about you\men give aids to women	
V224	bsbgawom	gen\about you\women give aids to men	
V225	bsbgshar	gen\about you\aids by sharing kitchens	
V226	bsbgtouc	gen\about you\aids by touching someone	
V227	bsbgdiff	gen\about you\aids by diff partners	
V228	bsbgsupn	gen\about you\aids by supernatural force	
V229	bsbgpreg	gen\about you\aids by preg woman to baby	
V230	bsbghivv	gen\about you\hiv: virus causes aids	
V231	bsbgvirg	gen\about you\rid by sex with a virgin	
V232	bsbgcure	gen\about you\cure for aids	
V233	check16	blank,core id info ends	
V234	bsbgborn	gen\about you\were you born in sa?	
V235	bsbgbrnc	gen\born in country\age of coming	
V236	check17	blank,core id info ends	
V237	idbook	booklet id	
V238	idbset	booklet set (coding)	
V239	idscorr	reliability scorer	
V240	idscora	achievement scorer	
V241	idprov	province	
V242	itlang	language of testing	
V243	itlang1	unlabelled	
V244	exdept	previous education department	
V245	pov_inde	pov index	
V246	idclass	class id	
V247	bsbgcal1	calculator survey	
V248	bsbgcal2	calculator survey	
V249	ssystem	record number student general file	
V250	idpop	population id	
V251	version	version number	
V252	idgrader	standardized grade id	
V253	itpart	participation status/achievement sess.	
V254	dpcdate	file creation date at dpc hamburg	
V255	houwgt	house weight	
V256	totwgt	total student weight	
V257	senwgt	senate weight	
V258	jkzone	jackknife zone	
V259	jkrep	jackknife replicate code	
V260	intms03	in 2003 assessment population	
V261	idstrate	explicit stratum code	
V262	idstrati	implicit stratum code	
V263	intrnd03	in 2003 trend assessment population	

ID	Name	Label	Question
V264	intms99	in 1999 and 2003 assessment population	
V265	intms95	in 1995 and 1999 and 2003 ass.pop	
V266	bsmmat01	1st plausible value mathematics	
V267	bsmmat02	2nd plausible value mathematics	
V268	bsmmat03	3rd plausible value mathematics	
V269	bsmmat04	4th plausible value mathematics	
V270	bsmmat05	5th plausible value mathematics	
V271	bsssci01	1st plausible value science	
V272	bsssci02	2nd plausible value science	
V273	bsssci03	3rd plausible value science	
V274	bsssci04	4th plausible value science	
V275	bsssci05	5th plausible value science	
V276	bsmalg01	1st pv algebra	
V277	bsmalg02	2nd pv algebra	
V278	bsmalg03	3rd pv algebra	
V279	bsmalg04	4th pv algebra	
V280	bsmalg05	5th pv algebra	
V281	bsmdap01	1st pv data repr.,analysis,probability	
V282	bsmdap02	2nd pv data repr.,analysis,probability	
V283	bsmdap03	3rd pv data repr.,analysis,probability	
V284	bsmdap04	4th pv data repr.,analysis,probability	
V285	bsmdap05	5th pv data repr.,analysis,probability	
V286	bsmfns01	1st pv fractions + number sense	
V287	bsmfns02	2nd pv fractions + number sense	
V288	bsmfns03	3rd pv fractions + number sense	
V289	bsmfns04	4th pv fractions + number sense	
V290	bsmfns05	5th pv fractions + number sense	
V291	bsmgeo01	1st pv geometry	
V292	bsmgeo02	2nd pv geometry	
V293	bsmgeo03	3rd pv geometry	
V294	bsmgeo04	4th pv geometry	
V295	bsmgeo05	5th pv geometry	
V296	bsmmea01	1st pv measurement	
V297	bsmmea02	2nd pv measurement	
V298	bsmmea03	3rd pv measurement	
V299	bsmmea04	4th pv measurement	
V300	bsmmea05	5th pv measurement	
V301	bsseas01	1st pv earth science	
V302	bsseas02	2nd pv earth science	
V303	bsseas03	3rd pv earth science	
V304	bsseas04	4th pv earth science	
V305	bsseas05	5th pv earth science	
V306	bsslis01	1st pv life science	
V307	bsslis02	2nd pv life science	
V308	bsslis03	3rd pv life science	

ID	Name	Label	Question
V309	bsslis04	4th pv life science	
V310	bsslis05	5th pv life science	
V311	bssphy01	1st pv physics	
V312	bssphy02	2nd pv physics	
V313	bssphy03	3rd pv physics	
V314	bssphy04	4th pv physics	
V315	bssphy05	5th pv physics	
V316	bssche01	1st pv chemistry	
V317	bssche02	2nd pv chemistry	
V318	bssche03	3rd pv chemistry	
V319	bssche04	4th pv chemistry	
V320	bssche05	5th pv chemistry	
V321	bsseri01	1st pv environm.iss.+ resource iss.	
V322	bsseri02	2nd pv environm.iss.+ resource iss.	
V323	bsseri03	3rd pv environm.iss.+ resource iss.	
V324	bsseri04	4th pv environm.iss.+ resource iss.	
V325	bsseri05	5th pv environm.iss.+ resource iss.	
V326	itsex	sex of students	
V327	ilreliab	reliability coding status	
V328	bsmscpt	raw score on math items	
V329	bssscpt	raw score on science item	
V330	bsmstdr	standardized math raw score (50, 10)	
V331	bssstdr	standardized science raw score (50, 10)	
V332	bsmnrsc	national math rasch score (150, 10)	
V333	bssnrsc	national science rasch score (150, 10)	
V334	filter__	(exdept = 'b') & (bsbgpop=2) (filter)	
V335	bsmibm01	maths benchmark pv1	
V336	bsmibm02	maths benchmark pv2	
V337	bsmibm03	maths benchmark pv3	
V338	bsmibm04	maths benchmark pv4	
V339	bsmibm05	maths benchmark pv5	
V340	bssibm01	science benchmark pv1	
V341	bssibm02	science benchmark pv2	
V342	bssibm03	science benchmark pv3	
V343	bssibm04	science benchmark pv4	
V344	bssibm05	science benchmark pv5	
V345	idteach	teacher id	
V346	idlink	teacher link number	
V347	itgrade	grade id	
V348	ilclass1	first class id	
V349	ilclass2	second class id	
V350	ilclass3	third class id	
V351	btbgage	gen\age of teacher	
V352	btbgsex	gen\sex of teacher	
V353	btbgtaut	gen\years been teaching	

ID	Name	Label	Question
V354	btbgfedc	gen\level of formal education completed	
V355	btbgyttr	gen\years of teacher training	
V356	btbmpsma	mat\major area of study\mathematics	
V357	btbmpsem	mat\major area of study\education maths	
V358	btbspssc	sci\major area of study\sci	
V359	btbpsped	sci\major area of study\education sci	
V360	btbgpseg	gen\major area of study\education gen	
V361	btbgpsot	gen\major area of study\other	
V362	btbmr5a	mat\requirements to become tch\first deg	
V363	btbmr5pp	mat\requirements to become tch\prob per	
V364	btbmr5ec	mat\requirements to become tch\edu cses	
V365	btbmr5mc	mat\requirements to become tch\math cses	
V366	btbmr5le	mat\requirements to become tch\lic exam	
V367	btbgtlce	gen\teaching certificate	
V368	btbgtelc	gen\teaching certificate\type	
V369	btbmre01	mat\ready to tch\decimals fract	
V370	btbmre02	mat\ready to tch\number\integers	
V371	btbmre03	mat\ready to tch\algebra\patterns sequ	
V372	btbmre04	mat\ready to tch\algebra\smple equat	
V373	btbmre05	mat\ready to tch\algebra\equiv present	
V374	btbmre06	mat\ready to tch\algebra\attributes	
V375	btbmre07	mat\ready to tch\measurement\estimations	
V376	btbmre08	mat\ready to tch\measurement\computation	
V377	btbmre09	mat\ready to tch\measurement\measures	
V378	btbmre10	mat\ready to tch\measurement\precision	
V379	btbmre11	mat\ready to tch\geometry\pythagorean	
V380	btbmre12	mat\ready to tch\geometry\congr figures	
V381	btbmre13	mat\ready to tch\geometry\cartesian pl	
V382	btbmre14	mat\ready to tch\geometry\translation	
V383	btbmre15	mat\ready to tch\data\sources of error	
V384	btbmre16	mat\ready to tch\data\data collection	
V385	btbmre17	mat\ready to tch\data\characteristics	
V386	btbmre18	mat\ready to tch\data\simple probability	
V387	btbgwtnp	gen\scheduled periods altogether	
V388	btbmsptm	mat\periods assigned\tch maths	
V389	btbsspts	sci\periods assigned\tch science	
V390	btbgspto	gen\periods assigned\tch other subjects	
V391	btbgspod	gen\periods assigned\perf other duties	
V392	btbgsptt	gen\periods assigned\total	
V393	btbgmity	gen\minutes in a typical period	
V394	btbgohgt	gen\outside school day\grading tests	
V395	btbgohpl	gen\outside school day\planning lessons	
V396	btbgohat	gen\outside school day\administr tasks	
V397	btbgohot	gen\outside school day\other	
V398	btbgotdc	gen\interactions teachers\discuss concep	

ID	Name	Label	Question
V399	btbgotpm	gen\interactions teachers\work on prepar	
V400	btbgotvt	gen\interactions teachers\visits	
V401	btbgotat	gen\interactions teachers\inform observ	
V402	btbpdmt	mat\participated develop\math content	
V403	btbpdmp	mat\participated develop\mat pedagogy	
V404	btbpdmc	mat\participated develop\mat curriculum	
V405	btbpdit	mat\participated develop\it into math	
V406	btbgpdct	gen\participated develop\critical think	
V407	btbpdma	mat\participated develop\math assessm	
V408	btbmadmr	mat\agree\use more than 1 representation	
V409	btbmadsa	mat\agree\mathematics should be	
V410	btbmadhy	mat\agree\solving maths problems	
V411	btbmadme	mat\agree\learning maths memorizing	
V412	btbmaddw	mat\agree\different ways to solve probl	
V413	btbmadfd	mat\agree\few new discoveries	
V414	btbmadrw	mat\agree\modeling real world probl	
V415	btbgcure	gen\thinking abt curr sch\school facil	
V416	btbgcusn	gen\thinking abt curr sch\safe neighborh	
V417	btbgcusa	gen\thinking abt curr sch\feel safe	
V418	btbgcuas	gen\characterize\job satisfaction	
V419	btbgchts	gen\characterize\job satisfaction	
V420	btbgchtu	gen\characterize\tchs understanding	
V421	btbgchtc	gen\characterize\tchs degree of success	
V422	btbgches	gen\characterize\tchs expectations	
V423	btbgchps	gen\characterize\parental support	
V424	btbgchpi	gen\characterize\parental involvement	
V425	btbgchsr	gen\characterize\students regards	
V426	btbgchsd	gen\characterize\students desire	
V427	btbmstud	mat\number of students in the class	
V428	btbmtimt	mat\minutes teach math per week to class	
V429	btbmtbtc	mat\textbook\use for maths	
V430	btbmtxbu	mat\textbook\used how in teaching maths	
V431	btbmptrh	mat\percentage spent\review homework	
V432	btbmptls	mat\percentage spent\working problems	
V433	btbmptyg	mat\percentage spent\working problems	
V434	btbmptoo	mat\percentage spent\wkng probl on own	
V435	btbmprt	mat\percentage spent\listen to reteach	
V436	btbmpttq	mat\percentage spent\tests or quizzes	
V437	btbmptcm	mat\percentage spent\partic in clsroom	
V438	btbmptoa	mat\percentage spent\other activities	
V439	btbmaspc	mat\how often ask\practice adding	
V440	btbmaswf	mat\how often ask\work on fractions	
V441	btbmasws	mat\how often ask\work on problems	
V442	btbmasid	mat\how often ask\interpret data tables	
V443	btbmasrr	mat\how often ask\write equatations	

ID	Name	Label	Question
V444	btbmassg	mat\how often ask\work in small groups	
V445	btbmasdl	mat\how often ask\relate to daily life	
V446	btbmasea	mat\how often ask\explain answers	
V447	btbmascp	mat\how often ask\decide on own	
V448	btbgl01	gen\limit to teach\different academic ab	
V449	btbgl02	gen\limit to teach\wide range of backgro	
V450	btbgl03	gen\limit to teach\special needs	
V451	btbgl04	gen\limit to teach\uninterested students	
V452	btbgl05	gen\limit to teach\low morale among stud	
V453	btbgl06	gen\limit to teach\disruptive students	
V454	btbgl07	gen\limit to teach\shortge comp hardware	
V455	btbgl08	gen\limit to teach\shortge comp software	
V456	btbgl09	gen\limit to teach\support computer use	
V457	btbgl10	gen\limit to teach\textbooks for student	
V458	btbgl11	gen\limit to teach\instruc equipment	
V459	btbgl12	gen\limit to teach\demonstrati equipment	
V460	btbgl13	gen\limit to teach\inadequate physical f	
V461	btbgl14	gen\limit to teach\high student teacher	
V462	btbmcnum	mat\percentage of teaching spent\student	
V463	btbmcgeo	mat\percentage of teaching spent\geometr	
V464	btbmcalg	mat\percentage of teaching spent\algebra	
V465	btbmcdat	mat\percentage of teaching spent\data	
V466	btbmcmea	mat\percentage of teaching spent\measurm	
V467	btbmcoth	mat\percentage of teaching spent\other	
V468	btbmto01	mat\taught topic\number\whole numbers	
V469	btbmto02	mat\taught topic\number\computations est	
V470	btbmto03	mat\taught topic\number\common fractions	
V471	btbmto04	mat\taught topic\number\decimal fraction	
V472	btbmto05	mat\taught topic\number\representing dec	
V473	btbmto06	mat\taught topic\number\compute fraction	
V474	btbmto07	mat\taught topic\number\compute decimals	
V475	btbmto08	mat\taught topic\number\integers	
V476	btbmto09	mat\taught topic\number\ratios	
V477	btbmto10	mat\taught topic\number\conversion perce	
V478	btbmto11	mat\taught topic\algebra\numeric pattern	
V479	btbmto12	mat\taught topic\algebra\sum variables	
V480	btbmto13	mat\taught topic\algebra\linear equation	
V481	btbmto14	mat\taught topic\algebra\equiv represent	
V482	btbmto15	mat\taught topic\algebra\relationships	
V483	btbmto16	mat\taught topic\algebra\graph attribute	
V484	btbmto17	mat\taught topic\measure\standard units	
V485	btbmto18	mat\taught topic\measure\relationships	
V486	btbmto19	mat\taught topic\measure\standard tools	
V487	btbmto20	mat\taught topic\measure\estimations	
V488	btbmto21	mat\taught topic\measure\computations	

ID	Name	Label	Question
V489	btbmto22	mat\taught topic\measure\mea formulas	
V490	btbmto23	mat\taught topic\measure\mea irregular	
V491	btbmto24	mat\taught topic\measure\mea precision	
V492	btbmto25	mat\taught topic\geometry\angles	
V493	btbmto26	mat\taught topic\geometry\angle relatio	
V494	btbmto27	mat\taught topic\geometry\bisectors	
V495	btbmto28	mat\taught topic\geometry\geom shapes	
V496	btbmto29	mat\taught topic\geometry\polygons	
V497	btbmto30	mat\taught topic\geometry\draw triangles	
V498	btbmto31	mat\taught topic\geometry\pythagorean th	
V499	btbmto32	mat\taught topic\geometry\congruent figu	
V500	btbmto33	mat\taught topic\geometry\similarity	
V501	btbmto34	mat\taught topic\geometry\cartesian plan	
V502	btbmto35	mat\taught topic\geometry\relation 2d 3d	
V503	btbmto36	mat\taught topic\geometry\2d symmetry	
V504	btbmto37	mat\taught topic\geometry\translation	
V505	btbmto38	mat\taught topic\data\organizing data	
V506	btbmto39	mat\taught topic\data\sources of error	
V507	btbmto40	mat\taught topic\data\data collection	
V508	btbmto41	mat\taught topic\data\drawing graphs	
V509	btbmto42	mat\taught topic\data\characteristics	
V510	btbmto43	mat\taught topic\data\interpreting data	
V511	btbmto44	mat\taught topic\data\evaluating interpr	
V512	btbmto45	mat\taught topic\data\simple probability	
V513	btbmcaml	mat\calculator\use permitted for std	
V514	btbmhshc	mat\calculator\avail during maths less	
V515	btbmhsgc	mat\calculator\std have it available	
V516	btbmcala	mat\calculator\use\check answers	
V517	btbmcals	mat\calculator\use\do routine comput	
V518	btbmcals	mat\calculator\use\solve complex problem	
V519	btbmcate	mat\calculator\use\explore nr concepts	
V520	btbmcate	mat\calculator\permitted during tests	
V521	btbmcama	mat\computer\available in maths less	
V522	btbminta	mat\computer\access to internet	
V523	btbmcadm	mat\computer\use\disc maths principle	
V524	btbmcasp	mat\computer\use\practical skills	
V525	btbmcali	mat\computer\use\look up ideas	
V526	btbmcapa	mat\computer\use\process data	
V527	btbmhmwo	mat\homework\do you assign maths	
V528	btbmhwmc	mat\homework\frequency of maths hmw	
V529	btbmhwkm	mat\homework\min assign in timss cls	
V530	btbmkhpc	mat\assign kinds of homework\problem	
V531	btbmkhcg	mat\assign kinds of homework\gather data	
V532	btbmkhca	mat\assign kinds of homework\find applic	
V533	btbmhdam	mat\homework assignments\monitor complet	

ID	Name	Label	Question
V534	btbmhdaf	mat\homework assignments\correct assignm	
V535	btbmhdac	mat\homework assignments\have std corr	
V536	btbmhdad	mat\homework assignments\use homework	
V537	btbmhdag	mat\homework assignments\contribute	
V538	btbmteex	mat\test\how often give in maths	
V539	btbmwftu	mat\test\item formats used	
V540	btbmteap	mat\test questions\math applications	
V541	btbmtesp	mat\test questions\searching for pattern	
V542	btbmteju	mat\test questions\explanations justific	
V543	btbmpdgt	mat\participated develop\obe gen train	
V544	btbmpdtm	mat\participated develop\obe math train	
V545	btbmkhpe	mat\assign kinds of homework\prac exer	
V546	btbmpopg	mat\population group	
V547	btbmhmln	mat\home language	
V548	itcourse	mat\name of course	
V549	ltbgage	gen\age of teacher	
V550	ltbgsex	gen\sex of teacher	
V551	ltbgtaut	gen\years been teaching	
V552	ltbgfedc	gen\level of formal education completed	
V553	ltbgyttr	gen\years of teacher training	
V554	ltbspsbi	sci\major area of study\biology	
V555	ltbspsph	sci\major area of study\physics	
V556	ltbspsch	sci\major area of study\chemistry	
V557	ltbspses	sci\major area of study\earth science	
V558	ltbspsed	sci\major area of study\education sci	
V559	ltbmpsma	mat\major area of study\mathematics	
V560	ltbmpsem	mat\major area of study\education maths	
V561	ltbgpseg	gen\major area of study\education gen	
V562	ltbsrb5a	sci\requirements to become tch\1st deg	
V563	ltbsrbpp	sci\requirements to become tch\prob per	
V564	ltbsrbec	sci\requirements to become tch\edu cses	
V565	ltbsrbsc	sci\requirements to become tch\sci cses	
V566	ltbsrble	sci\requirements to become tch\lic exam	
V567	ltbgtlce	gen\teaching diploma	
V568	ltbgtelc	gen\teaching diploma\type	
V569	ltbsfr01	sci\ready\biology\major organs	
V570	ltbsfr02	sci\ready\biology\cells and functions	
V571	ltbsfr03	sci\ready\biology\reproduction	
V572	ltbsfr04	sci\ready\biology\survival extinction	
V573	ltbsfr05	sci\ready\biology\interaction	
V574	ltbsfr06	sci\ready\chemistry\classification	
V575	ltbsfr07	sci\ready\chemistry\particulate stru	
V576	ltbsfr08	sci\ready\chemistry\solutions	
V577	ltbsfr09	sci\ready\chemistry\uses of acids	
V578	ltbsfr10	sci\ready\chemistry\chemical change	

ID	Name	Label	Question
V579	ltbsfr11	sci\ready\physics\physical states	
V580	ltbsfr12	sci\ready\physics\energy types	
V581	ltbsfr13	sci\ready\physics\properties of light	
V582	ltbsfr14	sci\ready\physics\electric circuits	
V583	ltbsfr15	sci\ready\physics\forces and motion	
V584	ltbsfr16	sci\ready\earth sci\earth structure	
V585	ltbsfr17	sci\ready\earth sci\earth processes	
V586	ltbsfr18	sci\ready\earth sci\solar system	
V587	ltbsfr19	sci\ready\earth sci\trends in population	
V588	ltbsfr20	sci\ready\earth sci\use of resources	
V589	ltbsfr21	sci\ready\earth sci\changes in environm	
V590	ltbgwtnp	gen\scheduled periods altogether	
V591	ltbsspts	sci\formally scheduled\teach science	
V592	ltbsspps	sci\formally scheduled\physical science	
V593	ltbssptp	sci\formally scheduled\teach physics	
V594	ltbssptc	sci\formally scheduled\teach chemistry	
V595	ltbgmity	gen\minutes in a typical period	
V596	ltbgohgt	gen\outside school day\grading tests	
V597	ltbgohpl	gen\outside school day\planning lessons	
V598	ltbgohat	gen\outside school day\administr tasks	
V599	ltbgohot	gen\outside school day\other	
V600	ltbgotdc	gen\interactions teachers\discuss concep	
V601	ltbgotpm	gen\interactions teachers\instru materl	
V602	ltbgotvt	gen\interactions teachers\visit to clsm	
V603	ltbgotat	gen\interactions teachers\observation	
V604	ltbspdst	sci\participated developm\sci content	
V605	ltbspdsp	sci\participated developm\sci pedagogy	
V606	ltbspdsc	sci\participated developm\sci curriculum	
V607	ltbspdit	sci\participated developm\it into sci	
V608	ltbgpdin	gen\participated developm\improve skill	
V609	ltbspdsa	sci\participated developm\sci assessm	
V610	ltbspdog	sci\participated developm\obe general training	
V611	ltbspdos	sci\participated developm\obe science training	
V612	ltbsadmr	sci\agree\use more than 1 representation	
V613	ltbsadhy	sci\agree\solving sci invol hypothesis	
V614	ltbsadme	sci\agree\learning sci invol memorizing	
V615	ltbsadco	sci\agree\cond scientific investigation	
V616	ltbsadan	sci\agree\getting the correct answer	
V617	ltbsadsc	sci\agree\scientific theories	
V618	ltbsadta	sci\agree\sci is taught primarily	
V619	ltbsadmo	sci\agree\modeling natural phenomena	
V620	ltbsaddi	sci\agree\most scientific discoveries	
V621	ltbgcure	gen\current school\needs repair	
V622	ltbgcusn	gen\current school\safe neighborhood	
V623	ltbgcusa	gen\current school\feel safe at school	

ID	Name	Label	Question
V624	ltbgcuas	gen\current school\security policies	
V625	ltbgchts	gen\characterize\tchs job satisfaction	
V626	ltbgchtu	gen\characterize\tchs understanding	
V627	ltbghtc	gen\characterize\tchs degree of success	
V628	ltbgches	gen\characterize\tchs expectations	
V629	ltbgchps	gen\characterize\parental support	
V630	ltbgchpi	gen\characterize\parental involvement	
V631	ltbgchsr	gen\characterize\regard for property	
V632	ltbgchsd	gen\characterize\std desire to do well	
V633	ltsbstud	sci\number of students in the class	
V634	ltbstimt	sci\minutes teach sci per week to class	
V635	ltbstbtc	sci\textbook\use for science	
V636	ltbstxbu	sci\textbook\used how in teaching sci	
V637	ltsbptrh	sci\percentage spent\review homework	
V638	ltsbptls	sci\percentage spent\listening to pres	
V639	ltsbptyg	sci\percentage spent\working problems	
V640	ltsbptoo	sci\percentage spent\wkng probl on own	
V641	ltsbptrt	sci\percentage spent\listen to reteach	
V642	ltsbpttq	sci\percentage spent\tests or quizzes	
V643	ltsbptcm	sci\percentage spent\partic in clsroom	
V644	ltsbptoa	sci\percentage spent\other activities	
V645	ltbscswd	sci\how often ask\watch me demonstrate	
V646	ltbscsft	sci\how often ask\formulate hypothesis	
V647	ltbscsdp	sci\how often ask\design or plan	
V648	ltbscsei	sci\how often ask\conduct experiments	
V649	ltbscssg	sci\how often ask\work in small groups	
V650	ltbscswe	sci\how often ask\write explanations	
V651	ltbscsro	sci\how often ask\put events or objects	
V652	ltbscsit	sci\how often ask\impact of technology	
V653	ltbscsln	sci\how often ask\learn about nature	
V654	ltbscsdl	sci\how often ask\relate to daily life	
V655	ltbscspw	sci\how often ask\present work to class	
V656	ltbgl01	gen\limit to teach\different academic ab	
V657	ltbgl02	gen\limit to teach\wide range of backgro	
V658	ltbgl03	gen\limit to teach\special needs	
V659	ltbgl04	gen\limit to teach\uninterested students	
V660	ltbgl05	gen\limit to teach\low morale among stud	
V661	ltbgl06	gen\limit to teach\disruptive students	
V662	ltbgl07	gen\limit to teach\shortge comp hardware	
V663	ltbgl08	gen\limit to teach\shortge comp software	
V664	ltbgl09	gen\limit to teach\support computer use	
V665	ltbgl10	gen\limit to teach\textbooks for student	
V666	ltbgl11	gen\limit to teach\instruc equipment	
V667	ltbgl12	gen\limit to teach\demonstrati equipment	
V668	ltbgl13	gen\limit to teach\inadequate phys facil	

ID	Name	Label	Question
V669	ltbgl14	gen\limit to teach\high student teacher	
V670	ltbsclsc	sci\percent of teaching spent\life sci	
V671	ltbscche	sci\percent of teaching spent\chemistry	
V672	ltbscphy	sci\percent of teaching spent\physics	
V673	ltbscesc	sci\percent of teaching spent\earth sci	
V674	ltbscens	sci\percent of teaching spent\envrnm sci	
V675	ltbscoth	sci\percent of teaching spent\other	
V676	ltbsto01	sci\taught topic\bio\classification	
V677	ltbsto02	sci\taught topic\bio\major organ systems	
V678	ltbsto03	sci\taught topic\bio\how system function	
V679	ltbsto04	sci\taught topic\bio\cell structures	
V680	ltbsto05	sci\taught topic\bio\photosynthesis	
V681	ltbsto06	sci\taught topic\bio\life cycles	
V682	ltbsto07	sci\taught topic\bio\reproduction	
V683	ltbsto08	sci\taught topic\bio\role of variation	
V684	ltbsto09	sci\taught topic\bio\interaction ecosyst	
V685	ltbsto10	sci\taught topic\bio\cycling materials	
V686	ltbsto11	sci\taught topic\bio\causes of disease	
V687	ltbsto12	sci\taught topic\bio\preventive medicine	
V688	ltbsto13	sci\taught topic\che\classification	
V689	ltbsto14	sci\taught topic\che\prop of solutions	
V690	ltbsto15	sci\taught topic\che\structure of matter	
V691	ltbsto16	sci\taught topic\che\uses of water	
V692	ltbsto17	sci\taught topic\che\uses of acids	
V693	ltbsto18	sci\taught topic\che\chemical change	
V694	ltbsto19	sci\taught topic\che\oxygen in oxidation	
V695	ltbsto20	sci\taught topic\che\chemical transform	
V696	ltbsto21	sci\taught topic\phy\states and changes	
V697	ltbsto22	sci\taught topic\phy\process of melting	
V698	ltbsto23	sci\taught topic\phy\energy types	
V699	ltbsto24	sci\taught topic\phy\thermal expansion	
V700	ltbsto25	sci\taught topic\phy\basic properties	
V701	ltbsto26	sci\taught topic\phy\properties of sound	
V702	ltbsto27	sci\taught topic\phy\electric circuits	
V703	ltbsto28	sci\taught topic\phy\propert of magnets	
V704	ltbsto29	sci\taught topic\phy\forces and motion	
V705	ltbsto30	sci\taught topic\phy\effects of density	
V706	ltbsto31	sci\taught topic\earth sci\structure	
V707	ltbsto32	sci\taught topic\earth sci\physicl state	
V708	ltbsto33	sci\taught topic\earth sci\atmosphere	
V709	ltbsto34	sci\taught topic\earth sci\water cycle	
V710	ltbsto35	sci\taught topic\earth sci\rock cycle	
V711	ltbsto36	sci\taught topic\earth sci\weather data	
V712	ltbsto37	sci\taught topic\earth sci\geo process	
V713	ltbsto38	sci\taught topic\earth sci\fossils	

ID	Name	Label	Question
V714	Itbsto39	sci\taught topic\earth sci\bodies in ss	
V715	Itbsto40	sci\taught topic\earth sci\phy features	
V716	Itbsto41	sci\taught topic\earth sci\sun as star	
V717	Itbsto42	sci\taught topic\env sci\trends in popul	
V718	Itbsto43	sci\taught topic\env sci\natural resourc	
V719	Itbsto44	sci\taught topic\env sci\changes envirm	
V720	Itbscoma	sci\computer\available in science less	
V721	Itbsinta	sci\computer\access to internet	
V722	Itbscape	sci\computer\use\scientific procedures	
V723	Itbscanp	sci\computer\use\natural phenomena	
V724	Itbscasp	sci\computer\use\practice skills	
V725	Itbscali	sci\computer\use\look up ideas	
V726	Itbscapa	sci\computer\use\process data	
V727	Itbshmwo	sci\homework\do you assign science	
V728	Itbshwmc	sci\homework\frequency of science hmw	
V729	Itbshwkm	sci\homework\min assign in cls	
V730	Itbskhcp	sci\assign kinds of homework\problem set	
V731	Itbskhca	sci\assign kinds of homework\find applic	
V732	Itbskhct	sci\assign kinds of homework\read textbk	
V733	Itbskhcw	sci\assign kinds of homework\write defin	
V734	Itbskhcr	sci\assign kinds of homework\work on prj	
V735	Itbskhcs	sci\assign kinds of homework\investigat	
V736	Itbskhcg	sci\assign kinds of homework\reports	
V737	Itbshdam	sci\homework assignments\monitor complet	
V738	Itbshdaf	sci\homework assignments\correct assignm	
V739	Itbshdac	sci\homework assignments\std correct	
V740	Itbshdad	sci\homework assignments\homewk as basis	
V741	Itbshdag	sci\homework assignments\contribute	
V742	Itbstcr	sci\test\how often give in science\questions require understand concepts	
V743	Itbsthc	sci\test\how often give in science\hypotheses and conclusions	
V744	Itbstfp	sci\test\how often give in science\recall of facts and procedures	
V745	Itbgpopg	sci\population group	
V746	Itbglang	sci\home language	
V747	bcbglowg	gen\grade level\lowest grade	
V748	bcbghigg	gen\grade level\highest grade	
V749	bcbgtenr	gen\total school enrollment\all grades	
V750	bcbgeenr	gen\total school enrollment\eight grade	
V751	bcbgcomu	gen\how many people live in town	
V752	bcbgastd	gen\percent of student absent from sch	
V753	bcbgensr	gen\percent of students still enrolled	
V754	bcbgensy	gen\percent of studs enrolled after begi	
V755	bcbgsbed	gen\students background\economic disadva	
V756	bcbgsbea	gen\students background\economic affluen	
V757	bcbgnala	gen\ percent of students 1st language	
V758	bcbgchts	gen\in school\teachers job satisfaction	

ID	Name	Label	Question
V759	bcbgchtu	gen\in school\teachers understa goals	
V760	bcbgchtc	gen\in school\teachers degree of success	
V761	bcbgches	gen\in school\teachers expect studs ach	
V762	bcbgchps	gen\in school\parents support studs ach	
V763	bcbgchpi	gen\in school\parents involved in sch ac	
V764	bcbgchsr	gen\in school\studs regard sch property	
V765	bcbgchsd	gen\in school\studs desire to do well	
V766	bcbgyeps	gen\number of years principal this sch	
V767	bcbgapad	gen\activity percentages\administrative	
V768	bcbgapil	gen\activity percentages\instru leadersh	
V769	bcbgapst	gen\activity percentages\supervise tch	
V770	bcbgapte	gen\activity percentages\teaching	
V771	bcbgappr	gen\activity percentages\public relation	
V772	bcbgapot	gen\activity percentages\other	
V773	bcbgepse	gen\expect parents\attend special events	
V774	bcbgeprf	gen\expect parents\raise funds for sch	
V775	bcbgepvo	gen\expect parents\volunteer for sch pro	
V776	bcbgepch	gen\expect parents\ensure complete homew	
V777	bcbgepsc	gen\expect parents\serve on sch commitee	
V778	bcbgdyso	gen\instructional days per year	
V779	bcbgdwfu	gen\full instructional days per week	
V780	bcbgdwha	gen\half instructional days per week	
V781	bcbgtitd	gen\total instructional time	
V782	bcbmodla	mat\organize different lev or abi	
V783	bcbmgamc	mat\group ability	
V784	bcbmsoem	mat\offer maths\enrichment	
V785	bcbmsorm	mat\offer maths\remedial	
V786	bcbsocla	sci\organize different lev or abi	
V787	bcbsgasc	sci\group ability	
V788	bcbssoes	sci\offer science\enrichment	
V789	bcbssors	sci\offer science\remedial	
V790	bcbmfvay	mat\fill teaching vacancies\mathematics	
V791	bcbfvay	sci\fill teaching vacancies\science	
V792	bcbfvay	sci\fill teaching vacancies\comp science	
V793	bcbmrrtm	mat\school pay incentives recrui\maths	
V794	bcbrrts	sci\school pay incentives recrui\science	
V795	bcbgrtto	gen\school pay incentives recrui\other	
V796	bcbgpdic	gen\development ms\design imp curriculum	
V797	bcbgpdsg	gen\development ms\design sch impr goals	
V798	bcbgpdik	gen\development ms\impr content knowledg	
V799	bcbgpdts	gen\development ms\impr teaching skills	
V800	bcbgpdut	gen\development ms\inf tech edu purposes	
V801	bcbmepos	mat\eval practice\observations princ	
V802	bcbmepoe	mat\eval practice\observation inspec	
V803	bcbmepsa	mat\eval practice\student achievment	

ID	Name	Label	Question
V804	bcbmeptr	mat\eval practice\teach peer review	
V805	bcbsepos	sci\eval practice\observations princ	
V806	bcbsepoe	sci\eval practice\observation inspec	
V807	bcbsepsa	sci\eval practice\student achievement	
V808	bcbseptr	sci\eval practice\teach peer review	
V809	bcbgfp01	gen\freq behavior\arrive late at school	
V810	bcbgfp02	gen\freq behavior\absenteeism	
V811	bcbgfp03	gen\freq behavior\skipping class	
V812	bcbgfp04	gen\freq behavior\violating dress code	
V813	bcbgfp05	gen\freq behavior\classroom disturbance	
V814	bcbgfp06	gen\freq behavior\cheating	
V815	bcbgfp07	gen\freq behavior\profanity	
V816	bcbgfp08	gen\freq behavior\vandalism	
V817	bcbgfp09	gen\freq behavior\theft	
V818	bcbgfp10	gen\freq behavior\intimidation of studs	
V819	bcbgfp11	gen\freq behavior\injury to students	
V820	bcbgfp12	gen\freq behavior\intimidation of tchrs	
V821	bcbgfp13	gen\freq behavior\injury to teachers	
V822	bcbgsp01	gen\severe behavior\arrive late at sch	
V823	bcbgsp02	gen\severe behavior\absenteeism	
V824	bcbgsp03	gen\severe behavior\skipping class	
V825	bcbgsp04	gen\severe behavior\violating dress code	
V826	bcbgsp05	gen\severe behavior\clsroom disturbance	
V827	bcbgsp06	gen\severe behavior\cheating	
V828	bcbgsp07	gen\severe behavior\profanity	
V829	bcbgsp08	gen\severe behavior\vandalism	
V830	bcbgsp09	gen\severe behavior\theft	
V831	bcbgsp10	gen\severe behavior\intimidation of stds	
V832	bcbgsp11	gen\severe behavior\injury to studs	
V833	bcbgsp12	gen\severe behavior\intimidation of tchs	
V834	bcbgsp13	gen\severe behavior\injury to teachers	
V835	bcbgst01	gen\shortage\instructional materials	
V836	bcbgst02	gen\shortage\budget for supplies	
V837	bcbgst03	gen\shortage\school buildings	
V838	bcbgst04	gen\shortage\heating and lighting	
V839	bcbgst05	gen\shortage\instructional space	
V840	bcbgst06	gen\shortage\handicapped facilities	
V841	bcbmst07	mat\shortage\computer hardware	
V842	bcbmst08	mat\shortage\computer software	
V843	bcbmst09	mat\shortage\calculators	
V844	bcbmst10	mat\shortage\library materials	
V845	bcbmst11	mat\shortage\audio-visual resources	
V846	bcbss12	sci\shortage\laboratory equipment	
V847	bcbss13	sci\shortage\computer hardware	
V848	bcbss14	sci\shortage\computer software	

ID	Name	Label	Question
V849	bcbssst15	sci\shortage\calculators	
V850	bcbssst16	sci\shortage\library materials	
V851	bcbssst17	sci\shortage\audio-visual resources	
V852	bcbgsh18	gen\shortage\teachers	
V853	bcbgsh19	gen\shortage\computer support staff	
V854	bcbgcmps	gen\computers\available for stds instr	
V855	bcbgcmpi	gen\computers\access to internet	
V856	bcbghtte	gen\help\anyone available tch use techno	
V857	bcbgphte	gen\help\description person	
V858	bcbgnine	gen\total school enrollment\eight grade	
V859	bcbgclsc	gen\total number of classrooms in school	
V860	bcbgabte	gen\percent of teacher absent from sch	
V861	bcbgphta	gen\expect parents\assist phys fac	
V862	bcbgobec	gen\development ms\inf tech edu purposes	
V863	token01s	*test indicator booklet 1a*	
V864	ltbgusex	school\principal\profile\male\female	
V865	ltbgrpop	school\principal\profile\population	
V866	ltbgcurr	school\principal\profile\position\curr	
V867	ltbgnyrs	school\principal\profile\number of\years	
V868	ltbghqal	school\principal\profile\highest qualifi	
V869	ltbghobt	school\principal\profile\year obtained	
V870	ltbghold	school\histroy\background\how old\school	
V871	ltbgadmi	school\principal\profile\administrative	
V872	ltbgad01	school\physical\resources\telephone	
V873	ltbgad02	school\physical\resources\fax	
V874	ltbgad03	school\physical\resources\electricity	
V875	ltbgad04	school\physical\resources\water	
V876	ltbgad05	school\physical\resources\photocopies	
V877	ltbgad06	school\physical\resources\typewriters	
V878	ltbgad07	school\physical\resources\computers	
V879	ltbgad08	school\physical\resources\computers\staf	
V880	ltbgad09	school\physical\resources\internet	
V881	ltbgad10	school\physical\resources\radio	
V882	ltbgad11	school\physical\resources\tv	
V883	ltbgad12	school\physical\resources\tape recorder	
V884	ltbgad13	school\physical\resources\video recorder	
V885	ltbgad14	school\physical\resources\overhead proje	
V886	ltbgad15	school\physical\resources\support materi	
V887	ltbgad16	school\physical\resources\calculators	
V888	ltbgle01	school\physical\learning\dictionaries	
V889	ltbgle02	school\physical\learning\computers	
V890	ltbgle03	school\physical\learning\geometry sets	
V891	ltbgle04	school\physical\learning\calculators	
V892	ltbgle05	school\physical\learning\textbooks	
V893	ltbgiact	school\support received\involved\school	

ID	Name	Label	Question
V894	ltbgfed1	school\support received\feedback\report	
V895	ltbgfed2	school\support received\feedback\parents	
V896	ltbgfed3	school\support received\feedback\individ	
V897	ltbgfed4	school\support received\feedback\telepho	
V898	ltbgfed5	school\support received\feedback\letters	
V899	ltbgfed6	school\support received\feedback\newslet	
V900	ltbgfed7	school\support received\feedback\other	
V901	ltbgtop1	school\support received\training\manage	
V902	ltbgtop2	school\support received\training\governa	
V903	ltbgtop3	school\support received\training\industr	
V904	ltbgtop4	school\support received\training\subject	
V905	ltbgtop5	school\support received\training\other	
V906	ltbginse	school\support received\on service\oppo	
V907	ltbgvis1	school\support received\vist\national	
V908	ltbgvis2	school\support received\vist\provincial	
V909	ltbgvis3	school\support received\vist\regional	
V910	ltbgvis4	school\support received\vist\circuit	
V911	ltbgvis5	school\support received\vist\teacher	
V912	ltbgvis6	school\support received\vist\inset	
V913	ltbgvis7	school\support received\vist\colleagues	
V914	ltbgmain	school\support received\purp\recent visi	
V915	ltbgrec1	school\support received\materials\maths	
V916	ltbgrec2	school\support received\materials\englis	
V917	ltbgrec3	school\support received\materials\prog	
V918	ltbgrec4	school\support received\materials\qlp	
V919	ltbgrec5	school\support received\materials\text	
V920	ltbgrec6	school\support received\materials\other	
V921	ltbgpr01	school\support received\primary\hiring	
V922	ltbgpr02	school\support received\primary\policies	
V923	ltbgpr03	school\support received\primary\grading	
V924	ltbgpr04	school\support received\primary\budget	
V925	ltbgpr05	school\support received\primary\purch	
V926	ltbgpr06	school\support received\primary\placing	
V927	ltbgpr07	school\support received\primary\assign	
V928	ltbgpr08	school\support received\primary\textbook	
V929	ltbgpr09	school\support received\primary\homework	
V930	ltbgpr10	school\support received\primary\salaries	
V931	ltbgpr11	school\support received\primary\relaions	
V932	ltbgpr12	school\support received\primary\communic	
V933	ltbgpr13	school\support received\primary\course	
V934	ltbgpr14	school\support received\primary\offered	
V935	ltbgsncm	school\staff\otherwise\number of classes	
V936	ltbgsncs	school\staff\otherwise\number of classes	
V937	ltbgsncl	school\staff\otherwise\number of classes	
V938	ltbgsnlm	school\staff\otherwise\number of learner	

ID	Name	Label	Question
V939	ltbgsnls	school\staff\otherwise\number of learner	
V940	ltbgsnll	school\staff\otherwise\number of learner	
V941	ltbgnumm	school\staff\otherwise\number\maths	
V942	ltbgnums	school\staff\otherwise\number\science	
V943	ltbgnume	school\staff\otherwise\number\english	
V944	ltbgnuma	school\staff\otherwise\number\affrikaans	
V945	ltbgeduc	school\staff\otherwise\many educators	
V946	ltbgsa01	school\staff\otherwise\transfer\educator	
V947	ltbgsa02	school\staff\otherwise\transfer\heads	
V948	ltbgsa03	school\staff\otherwise\transfer\support	
V949	ltbgsa04	school\staff\otherwise\resignation\educa	
V950	ltbgsa05	school\staff\otherwise\resignation\heads	
V951	ltbgsa06	school\staff\otherwise\resignation\suppo	
V952	ltbgsa07	school\staff\otherwise\retrench\educator	
V953	ltbgsa08	school\staff\otherwise\retrench\heads	
V954	ltbgsa09	school\staff\otherwise\retrench\support	
V955	ltbgsa10	school\staff\otherwise\illness\educator	
V956	ltbgsa11	school\staff\otherwise\illness\heads	
V957	ltbgsa12	school\staff\otherwise\illness\support	
V958	ltbgsa13	school\staff\otherwise\pension\educator	
V959	ltbgsa14	school\staff\otherwise\pension\heads	
V960	ltbgsa15	school\staff\otherwise\pension\support	
V961	ltbgsa16	school\staff\otherwise\preg\educator	
V962	ltbgsa17	school\staff\otherwise\preg\heads	
V963	ltbgsa18	school\staff\otherwise\preg\support	
V964	ltbgsa19	school\staff\otherwise\death\educator	
V965	ltbgsa20	school\staff\otherwise\death\heads	
V966	ltbgsa22	school\staff\otherwise\death\support	
V967	ltbgresl	school\staff\otherwis\reason\leaving	
V968	ltbgresp	school\staff\otherwis\reason\pregnancy	
V969	ltbgresm	school\staff\otherwis\reason\moving	
V970	ltbgresi	school\staff\otherwis\reason\illness	
V971	ltbgresa	school\staff\otherwis\reason\parenets	
V972	ltbgresd	school\staff\otherwis\reason\death	
V973	ltbgreso	school\staff\otherwis\reason\other	
V974	ltbgcon1	school\adequate\conditions\staffroom	
V975	ltbgcon2	school\adequate\conditions\medical	
V976	ltbgcon3	school\adequate\conditions\school garden	
V977	ltbgcon4	school\adequate\conditions\aports fields	
V978	ltbgcon5	school\adequate\conditions\classrooms	
V979	ltbgcon6	school\adequate\conditions\tables	
V980	ltbgcon7	school\adequate\conditions\chalkboards	
V981	ltbgcon8	school\adequate\conditions\laboratory	
V982	ltbgexeh	school\adequate\existing\heaters	
V983	ltbgexea	school\adequate\existing\air conditioner	

ID	Name	Label	Question
V984	ltbgexel	school\adequate\existing\lights	
V985	ltbgrate	school\adequate\physical\rate space	
V986	ltbgre01	school\adequate\physical\records\learner	
V987	ltbgre02	school\adequate\physical\records\educato	
V988	ltbgre03	school\adequate\physical\records\perform	
V989	ltbgre04	school\adequate\physical\records\behavio	
V990	ltbgmisi	school\records\absence\illness	
V991	ltbgmisa	school\records\absence\absence\without	
V992	ltbgmism	school\records\absence\no records	
V993	ltbgmiso	school\records\absence\other	
V994	ltbgesti	school\records\absence\estimated more	
V995	ltbgstr1	school\records\absence\structure\prescri	
V996	ltbgstr2	school\records\absence\structure\externa	
V997	ltbgstr3	school\records\absence\structure\staff	
V998	ltbgstr4	school\records\absence\structure\respons	
V999	ltbgstr5	school\records\absence\structure\year	
V1000	ltbgstr6	school\records\absence\structure\head	
V1001	ltbgstr7	school\records\absence\structure\used	
V1002	ltbgstr8	school\records\absence\structure\other	
V1003	ltbgmonv	school\records\absence\monitor\visits	
V1004	ltbgmonm	school\records\absence\monitor\meetings	
V1005	ltbgmons	school\records\absence\moniroe\staff	
V1006	ltbgmonf	school\records\absence\monitor\formal	
V1007	ltbgmoni	school\records\absence\monitor\informal	
V1008	ltbgmonr	school\records\absence\monitor\prescribe	
V1009	ltbgpol1	school\records\absence\policy\selection	
V1010	ltbgpol2	school\records\absence\policy\storage	
V1011	ltbgpol3	school\records\absence\policy\distributi	
V1012	ltbgpol4	school\records\absence\policy\management	
V1013	ltbgcode	school\records\absence\policy\code	
V1014	ltbgcond	school\records\absence\code of conduct	
V1015	ltbgpro1	school\management\quality\procedure\hod	
V1016	ltbgpro2	school\management\quality\procedure\curr	
V1017	ltbgpro3	school\management\quality\procedure\asse	
V1018	ltbgpro4	school\management\quality\procedure\resu	
V1019	tag_school	tag(idschool)	
V1020	tag_student	tag(idstud)	

Total: 1020

IDPUNCH: puncher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 0 Maximum: 18 Mean: 7.9543111527648 Standard deviation: 5.3501288546516
 Type: Discrete Width: 8 Format: Numeric

BSBGBRTM: gen\date of birth\month

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3963 Minimum: 1 Maximum: 97 Mean: 6.9530658591976 Standard deviation: 7.2753459588706
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	january	333	8.4%
2	february	314	8%
3	march	358	9.1%
4	april	296	7.5%
5	may	314	8%
6	june	355	9%
7	july	324	8.2%
8	august	335	8.5%
9	september	381	9.7%
10	october	294	7.5%
11	november	289	7.3%
12	december	350	8.9%
99	omitted	0	

IDCNTRY: country id

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 710 Maximum: 710 Mean: 710 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

ID SCHOOL: school id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 1 Maximum: 2098 Mean: 198.65323336457 Standard deviation: 273.77586537789
 Type: Continuous Width: 8 Format: Numeric

ID GRADE: grade**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 9 Maximum: 9 Mean: 9 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

ID STUD: student id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 10402 Maximum: 20980231 Mean: 1985730.0226042 Standard deviation:
 2737631.020409
 Type: Continuous Width: 12 Format: Numeric

ID CHECK: checksum id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 67 Maximum: 843 Mean: 421.1686972821 Standard deviation: 142.52640321135
 Type: Continuous Width: 8 Format: Numeric

CHECK01: blank,core id info ends**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

TOKEN01: participation status\background quest**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 1 Maximum: 3 Mean: 2.9901593252109 Standard deviation: 0.13827648779639
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	instrument available but empty	20	0.5%
2	instrument not available or lost	2	0%
3	instrument available with responses	4246	99.5%

BSBGBRTY: gen\date of birth\year

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4025 Minimum: 1 Maximum: 97 Mean: 3.9460869565217 Standard deviation: 7.0659929014464
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1985	811	20.2%
2	1986	867	21.6%
3	1987	1144	28.6%
4	1988	514	12.8%
5	1989	25	0.6%
6	1990	1	0%
7	1991	0	
8	1992	8	0.2%
9	other	635	15.9%
99	omitted	0	

BSBGSEX: gen\sex of student

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4198 Minimum: 1 Maximum: 7 Mean: 1.5204859456884 Standard deviation: 0.62657724903179
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	girl	2113	50.6%
2	boy	2065	49.4%
9	omitted	0	

BSBGPOP: gen\population group

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4126 Minimum: 1 Maximum: 7 Mean: 1.2944740668929 Standard deviation: 0.79134929019042
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	african	3410	83%
2	coloured	461	11.2%
3	indian	71	1.7%
4	white	164	4%
9	omitted	0	

CHECK02: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBHLAN: gen\home language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4173 Minimum: 1 Maximum: 97 Mean: 6.7582075245627 Standard deviation: 7.0933548804018
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	afrikaans	588	14.2%
2	english	198	4.8%
3	isindebele	134	3.2%
4	sepedi	472	11.4%
5	sesotho	454	10.9%
6	siswati	137	3.3%
7	setwsana	437	10.5%
8	tshivenda	59	1.4%
9	isixhosa	588	14.2%
10	isizulu	884	21.3%
11	xitsonga	191	4.6%
12	other	11	0.3%
99	omitted	0	

BSBGPLHO: gen\how many people in your home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4161 Minimum: 2 Maximum: 97 Mean: 6.111992309541 Standard deviation: 6.534189145147
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2	2	123	3%
3	3	308	7.4%
4	4	665	16.1%
5	5	845	20.4%
6	6	745	18%
7	7	673	16.3%
8	8 or more	782	18.9%
99	omitted	0	

BSBGOLAN: gen\often speak language of test at home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4216 Minimum: 1 Maximum: 7 Mean: 2.6854838709677 Standard deviation: 0.92839120442128
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always	712	17%
2	almost always	432	10.3%
3	sometimes	2602	62%
4	never	450	10.7%
9	omitted	0	

BSBGBOOK: gen\nr of books in your home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4182 Minimum: 1 Maximum: 7 Mean: 1.9583931133429 Standard deviation: 1.1825446965224
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none or very few (0-10 books)	1926	46.3%
2	one shelf (11-25 books)	1242	29.8%
3	one bookcase (26-100 books)	566	13.6%
4	two bookcases (101-200 books)	198	4.8%
5	three or more bookcases (>200 books)	230	5.5%
9	omitted	0	

BSBGHFSG: gen\how far in sch do you expect to go

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4099 Minimum: 1 Maximum: 7 Mean: 3.4022932422542 Standard deviation: 1.9710953298351
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	finish grade 12	1246	30.5%

2	finish post-matric courses	291	7.1%
3	dipl/cert	639	15.7%
4	finish first degree	324	7.9%
5	honours degree	709	17.4%
6	i do not know	870	21.3%
9	omitted	0	

CHECK03: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGPS01: gen\home possess\calculator

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4013 Minimum: 1 Maximum: 7 Mean: 1.1861450286569 Standard deviation: 0.54871136621006
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3366	84.3%
2	no	627	15.7%
9	omitted	0	

BSBGPS02: gen\home possess\computer

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3787 Minimum: 1 Maximum: 7 Mean: 1.6931608133087 Standard deviation: 0.60928128423907
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	yes	1262	33.5%
2	no	2505	66.5%
9	omitted	0	

BSBGPS03: gen\home possess\study desk

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3703 Minimum: 1 Maximum: 7 Mean: 1.4339724547664 Standard deviation: 0.63857753717623
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2196	59.6%
2	no	1487	40.4%
9	omitted	0	

BSBGPS04: gen\home possess\dictionary

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3910 Minimum: 1 Maximum: 7 Mean: 1.2524296675192 Standard deviation: 0.58502063865188
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3023	77.7%
2	no	867	22.3%
9	omitted	0	

BSBGPS05: gen\home possess\electricity

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3972 Minimum: 1 Maximum: 7 Mean: 1.2122356495468 Standard deviation: 0.56420672074165
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3229	81.7%
2	no	723	18.3%
9	omitted	0	

BSBGPS06: gen\home possess\running tap water

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3868 Minimum: 1 Maximum: 7 Mean: 1.3681489141675 Standard deviation: 0.62276358525535
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2544	66.1%
2	no	1304	33.9%
9	omitted	0	

BSBGPS07: gen\home possess\television

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3993 Minimum: 1 Maximum: 7 Mean: 1.1975957926371 Standard deviation: 0.55578054475682
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3304	83.2%
2	no	669	16.8%
9	omitted	0	

BSBGPS08: gen\home possess\video player**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3819 Minimum: 1 Maximum: 7 Mean: 1.599109714585 Standard deviation: 0.63038917466285
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1631	42.9%
2	no	2168	57.1%
9	omitted	0	

BSBGPS09: gen\home possess\cd player**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3854 Minimum: 1 Maximum: 7 Mean: 1.5002594706798 Standard deviation: 0.63701462350187
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2026	52.8%
2	no	1808	47.2%
9	omitted	0	

BSBGPS10: gen\home possess\radio**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4012 Minimum: 1 Maximum: 7 Mean: 1.1026919242273 Standard deviation: 0.4916888219049
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3700	92.7%

2	no	292	7.3%
9	omitted	0	

BSBGPS11: gen\home possess\own bedroom

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3947 Minimum: 1 Maximum: 7 Mean: 1.4603496326324 Standard deviation: 0.63288507397021
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2230	56.8%
2	no	1697	43.2%
9	omitted	0	

BSBGPS12: gen\home possess\water flushed toilets

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3881 Minimum: 1 Maximum: 7 Mean: 1.5346560164906 Standard deviation: 0.63521827683259
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1906	49.4%
2	no	1955	50.6%
9	omitted	0	

BSBGPS13: gen\home possess\motor car

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3871 Minimum: 1 Maximum: 7 Mean: 1.6329113924051 Standard deviation: 0.62244144803295
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1521	39.5%
2	no	2330	60.5%
9	omitted	0	

BSBGPS14: gen\home possess\own bicycle

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3857 Minimum: 1 Maximum: 7 Mean: 1.7251750064817 Standard deviation: 0.59577643534335
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1160	30.2%
2	no	2677	69.8%
9	omitted	0	

BSBGPS15: gen\home possess\telephone

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3921 Minimum: 1 Maximum: 7 Mean: 1.4804896710023 Standard deviation: 0.63462134376103
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2137	54.8%
2	no	1764	45.2%
9	omitted	0	

BSBGPS16: gen\home possess\fridge**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3952 Minimum: 1 Maximum: 7 Mean: 1.2846659919028 Standard deviation: 0.59627434345479
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2927	74.4%
2	no	1005	25.6%
9	omitted	0	

BSBGMFED: gen\highest education level\mother**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3854 Minimum: 1 Maximum: 97 Mean: 4.6315516346653 Standard deviation: 7.1322606367918
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	did not fin isced1 or did not go to sch	504	13.1%
2	grade 7	556	14.5%
3	grade 9	813	21.2%
4	grade 12	843	22%
5	post-matric	135	3.5%
6	dipl/cert	230	6%
7	first degree	122	3.2%
8	honours	105	2.7%
9	i do not know	526	13.7%
99	omitted	0	

BSBGMFED: gen\highest education level\father**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3874 Minimum: 1 Maximum: 97 Mean: 5.2196695921528 Standard deviation: 7.1585284167189
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	did not fin isced1 or did not go to sch	450	11.7%
2	grade 7	421	10.9%
3	grade 9	655	17%
4	grade 12	810	21%
5	post-matric	155	4%
6	dipl/cert	280	7.3%
7	first degree	138	3.6%
8	honours degree	142	3.7%
9	i do not know	803	20.8%
99	omitted	0	

CHECK04: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBMTWEL: mat\agree\usually do well in math

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4055 Minimum: 1 Maximum: 7 Mean: 2.0431565967941 Standard deviation: 0.9084169801678
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1130	28%
2	agree a little	1959	48.6%
3	disagree a little	687	17%
4	disagree a lot	259	6.4%

9	omitted	0	
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BSBMTMOR: mat\agree\would like more math

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4018 Minimum: 1 Maximum: 7 Mean: 1.8046291687407 Standard deviation: 1.0486823171512
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2126	53.2%
2	agree a little	983	24.6%
3	disagree a little	537	13.4%
4	disagree a lot	352	8.8%
9	omitted	0	

BSBMTCLM: mat\agree\math is more difficult for me

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3969 Minimum: 1 Maximum: 7 Mean: 2.4469639707735 Standard deviation: 1.1022664878531
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	916	23.2%
2	agree a little	1247	31.6%
3	disagree a little	982	24.9%
4	disagree a lot	804	20.4%
9	omitted	0	

BSBMTENJ: mat\agree|i enjoy learning mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3913 Minimum: 1 Maximum: 7 Mean: 1.8660874009711 Standard deviation: 1.0694003104808
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1937	49.8%
2	agree a little	1040	26.7%
3	disagree a little	519	13.3%
4	disagree a lot	397	10.2%
9	omitted	0	

BSBMTTOP: mat\agree\do not understand new topic

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4015 Minimum: 1 Maximum: 7 Mean: 2.5942714819427 Standard deviation: 1.1136320952043
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	758	19%
2	agree a little	1240	31%
3	disagree a little	950	23.8%
4	disagree a lot	1047	26.2%
9	omitted	0	

BSBMTSTR: mat\agree\mat is not one of my strengths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3949 Minimum: 1 Maximum: 7 Mean: 2.4998733856673 Standard deviation: 1.1611808283305
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	979	24.9%
2	agree a little	1086	27.6%
3	disagree a little	875	22.3%
4	disagree a lot	989	25.2%
9	omitted	0	

BSBMTQKY: mat\agree\i learn things quickly in math

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3928 Minimum: 1 Maximum: 7 Mean: 2.2255600814664 Standard deviation: 1.0461899014329
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1093	28%
2	agree a little	1449	37.1%
3	disagree a little	853	21.8%
4	disagree a lot	513	13.1%
9	omitted	0	

BSBMBORE: mat\agree\i find maths boring

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3965 Minimum: 1 Maximum: 7 Mean: 2.9107187894073 Standard deviation: 1.1226943467519
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	563	14.3%
2	agree a little	882	22.4%
3	disagree a little	926	23.5%
4	disagree a lot	1574	39.9%
9	omitted	0	

BSBMEASY: mat\agree\maths is an easy subject

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4044 Minimum: 1 Maximum: 7 Mean: 2.4324925816024 Standard deviation: 1.1587529945138
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1062	26.4%
2	agree a little	1207	30%
3	disagree a little	799	19.9%
4	disagree a lot	956	23.8%
9	omitted	0	

BSBMAHDL: mat\agree\will help in my daily life

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4119 Minimum: 1 Maximum: 7 Mean: 1.4481670308327 Standard deviation: 0.89960917274769
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	3018	73.6%
2	agree a little	648	15.8%
3	disagree a little	221	5.4%
4	disagree a lot	212	5.2%
9	omitted	0	

BSBMAOSS: mat\agree\need mat to learn other subj

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4056 Minimum: 1 Maximum: 7 Mean: 1.8049802761341 Standard deviation: 1.0090514399617
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2017	50%
2	agree a little	1213	30.1%
3	disagree a little	486	12%
4	disagree a lot	320	7.9%
9	omitted	0	

BSBMAUNI: mat\agree\need mat to get into the univ

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4026 Minimum: 1 Maximum: 7 Mean: 1.5566318926975 Standard deviation: 0.96826513596828
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2722	67.9%
2	agree a little	700	17.5%
3	disagree a little	331	8.3%
4	disagree a lot	253	6.3%
9	omitted	0	

BSBMAJOB: mat\agree\would like job that inv math

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4025 Minimum: 1 Maximum: 7 Mean: 1.8407453416149 Standard deviation: 1.0660257854025
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2054	51.3%
2	agree a little	1042	26%

3	disagree a little	505	12.6%
4	disagree a lot	404	10.1%
9	omitted	0	

BSBMAGET: mat\agree\need mat to get the job i want

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4008 Minimum: 1 Maximum: 7 Mean: 1.6172654690619 Standard deviation: 0.98768120241777
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2544	63.8%
2	agree a little	805	20.2%
3	disagree a little	368	9.2%
4	disagree a lot	271	6.8%
9	omitted	0	

BSBMPLEA: mat\agree\need mat to please my parents

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4024 Minimum: 1 Maximum: 7 Mean: 1.868041749503 Standard deviation: 1.0921874928369
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2048	51.1%
2	agree a little	991	24.8%
3	disagree a little	513	12.8%
4	disagree a lot	452	11.3%
9	omitted	0	

BSBMPLES: mat\agree\need mat to please myself**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4045 Minimum: 1 Maximum: 7 Mean: 1.538195302843 Standard deviation: 0.96262356146919
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2780	69.1%
2	agree a little	692	17.2%
3	disagree a little	294	7.3%
4	disagree a lot	259	6.4%
9	omitted	0	

CHECK05: blank,core id info ends**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBMHASM: mat\how often\i pract without calculator**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4110 Minimum: 1 Maximum: 7 Mean: 2.0863746958637 Standard deviation: 1.0631481583313
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1539	37.6%
2	about half the lessons	1178	28.8%
3	some lessons	952	23.3%
4	never	421	10.3%
9	omitted	0	

BSBMHWFD: mat\how often\work on fractions decim**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3963 Minimum: 1 Maximum: 7 Mean: 2.1617461519051 Standard deviation: 0.98951095623854
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1181	30%
2	about half the lessons	1330	33.7%
3	some lessons	1142	29%
4	never	290	7.4%
9	omitted	0	

BSBMHGCT: mat\how often\data in table chart graph**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3977 Minimum: 1 Maximum: 7 Mean: 2.1216997736988 Standard deviation: 1.0281619665986
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1354	34.2%
2	about half the lessons	1200	30.3%
3	some lessons	1068	27%
4	never	335	8.5%
9	omitted	0	

BSBMHEFR: mat\how often\represent relationships**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3963 Minimum: 1 Maximum: 7 Mean: 2.1768861973253 Standard deviation: 1.0752836489564
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1326	33.6%
2	about half the lessons	1166	29.6%
3	some lessons	975	24.7%
4	never	476	12.1%
9	omitted	0	

BSBMHWSG: mat\how often\we work in groups

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3959 Minimum: 1 Maximum: 7 Mean: 1.9004799191715 Standard deviation: 1.0734506900977
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1978	50.2%
2	about half the lessons	796	20.2%
3	some lessons	846	21.5%
4	never	319	8.1%
9	omitted	0	

BSBMHMDL: mat\how often\relate to daily lives

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3967 Minimum: 1 Maximum: 7 Mean: 1.9538694227376 Standard deviation: 1.0202881570613
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1650	41.8%
2	about half the lessons	1240	31.4%

3	some lessons	747	18.9%
4	never	310	7.9%
9	omitted	0	

BSBMHEXP: mat\how often\we explain our answers

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3929 Minimum: 1 Maximum: 7 Mean: 1.7663527615169 Standard deviation: 0.99278351246141
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2106	53.9%
2	about half the lessons	911	23.3%
3	some lessons	696	17.8%
4	never	196	5%
9	omitted	0	

BSBMHSCP: mat\how often\solving complex problems

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3951 Minimum: 1 Maximum: 7 Mean: 2.1969121741331 Standard deviation: 1.0672100535324
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1272	32.4%
2	about half the lessons	1174	29.9%
3	some lessons	1020	25.9%
4	never	465	11.8%
9	omitted	0	

BSBMHROH: mat\how often\we review our homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3938 Minimum: 1 Maximum: 7 Mean: 1.6444895886237 Standard deviation: 0.95068728051194
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2358	60.2%
2	about half the lessons	872	22.3%
3	some lessons	518	13.2%
4	never	170	4.3%
9	omitted	0	

BSBMHLSP: mat\how often\listen teacher lecture

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3961 Minimum: 1 Maximum: 7 Mean: 1.5894976016158 Standard deviation: 0.94528643249087
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2543	64.5%
2	about half the lessons	754	19.1%
3	some lessons	471	12%
4	never	173	4.4%
9	omitted	0	

BSBMHWPO: mat\how often\work problems on our own

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3943 Minimum: 1 Maximum: 7 Mean: 2.2548820694902 Standard deviation: 1.096884976416
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1206	30.7%
2	about half the lessons	1197	30.5%
3	some lessons	929	23.7%
4	never	591	15.1%
9	omitted	0	

BSBMHBHC: mat\how often\begin our homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3948 Minimum: 1 Maximum: 7 Mean: 2.4389564336373 Standard deviation: 1.2178771918581
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1250	31.8%
2	about half the lessons	786	20%
3	some lessons	901	22.9%
4	never	991	25.2%
9	omitted	0	

BSBMHHQT: mat\how often\have a quiz or test

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3972 Minimum: 1 Maximum: 7 Mean: 1.9896777442095 Standard deviation: 0.99616196078043
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1572	39.8%
2	about half the lessons	1168	29.6%

3	some lessons	993	25.1%
4	never	219	5.5%
9	omitted	0	

BSBMHCAL: mat\how often\we use calculators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4033 Minimum: 1 Maximum: 7 Mean: 2.2253905281428 Standard deviation: 1.1138245648171
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1432	35.7%
2	about half the lessons	857	21.4%
3	some lessons	1207	30.1%
4	never	517	12.9%
9	omitted	0	

BSBMEXTO: mat\how often extra lessons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4150 Minimum: 1 Maximum: 7 Mean: 2.4587951807229 Standard deviation: 1.0984831426687
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	1073	26%
2	once or twice a week	895	21.7%
3	sometimes	1447	35%
4	never or almost never	715	17.3%
9	omitted	0	

BSBMHWMA: mat\how often teacher gives maths homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4171 Minimum: 1 Maximum: 7 Mean: 2.0170222968113 Standard deviation: 1.0135522234077
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	1527	36.8%
2	3 or 4 times a week	1467	35.3%
3	1 or 2 times a week	855	20.6%
4	less than once a week	263	6.3%
5	never	39	0.9%
9	omitted	0	

BSBMHWMG: mat\how many minutes maths homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4131 Minimum: 1 Maximum: 7 Mean: 2.4400871459695 Standard deviation: 1.2723471255519
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	fewer than 15 minutes	873	21.2%
2	15-30 minutes	1883	45.8%
3	31-60 minutes	644	15.7%
4	61-90 minutes	186	4.5%
5	more than 90 minutes	525	12.8%
6	logically not applicable	0	
9	omitted	0	

CHECK06: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBMHWMT: mat\how often do you write a maths test?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4196 Minimum: 1 Maximum: 7 Mean: 3.2423736892278 Standard deviation: 0.98794955766956
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	293	7%
2	3 or 4 times a week	612	14.7%
3	1 or 2 times a week	1187	28.4%
4	once a month	2033	48.7%
5	never	51	1.2%
9	omitted	0	

BSBMHWMD: mat\how often is performance discussed?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4202 Minimum: 1 Maximum: 7 Mean: 1.6939552594003 Standard deviation: 0.6859050326246
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	after every assignment	1628	38.9%
2	sometimes	2312	55.3%
3	never or almost never	242	5.8%
9	omitted	0	

BSBMPORT: mat\does teacher keep portfolio of math?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4199 Minimum: 1 Maximum: 7 Mean: 1.3877113598476 Standard deviation: 0.80476278558317
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3232	77.3%
2	no	386	9.2%
3	i don't know	561	13.4%
9	omitted	0	

BSBMAWAR: mat\does teach use portf to award marks?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4206 Minimum: 1 Maximum: 7 Mean: 1.6388492629577 Standard deviation: 0.94465289480347
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2710	64.7%
2	no	385	9.2%
3	i don't know	1091	26.1%
9	omitted	0	

BSBSTWEL: sci\agree\usually do well in science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4097 Minimum: 1 Maximum: 7 Mean: 1.749328777154 Standard deviation: 0.87242375401892
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1835	45%

2	agree a little	1700	41.7%
3	disagree a little	376	9.2%
4	disagree a lot	166	4.1%
9	omitted	0	

BSBSTMOR: sci\agree\would like to take more scien

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4045 Minimum: 1 Maximum: 7 Mean: 1.6514215080346 Standard deviation: 0.9422630342423
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2341	58.2%
2	agree a little	1058	26.3%
3	disagree a little	421	10.5%
4	disagree a lot	205	5.1%
9	omitted	0	

BSBSTCLS: sci\agree\science more difficult for me

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3999 Minimum: 1 Maximum: 7 Mean: 2.5291322830708 Standard deviation: 1.0835940708174
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	738	18.5%
2	agree a little	1398	35.1%
3	disagree a little	932	23.4%
4	disagree a lot	911	22.9%
9	omitted	0	

BSBSTENJ: sci\agree|i enjoy learning science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3922 Minimum: 1 Maximum: 7 Mean: 1.6251912289648 Standard deviation: 0.95699829143436
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2400	61.5%
2	agree a little	878	22.5%
3	disagree a little	418	10.7%
4	disagree a lot	206	5.3%
9	omitted	0	

BSBSTTOP: sci\agree\do not understand new topic**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4005 Minimum: 1 Maximum: 7 Mean: 2.6354556803995 Standard deviation: 1.12657540857
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	737	18.5%
2	agree a little	1206	30.3%
3	disagree a little	902	22.6%
4	disagree a lot	1140	28.6%
9	omitted	0	

BSBSTSTR: sci\agree\science is not my strengths**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3921 Minimum: 1 Maximum: 7 Mean: 2.5807192042846 Standard deviation: 1.1371175486061
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	799	20.5%
2	agree a little	1184	30.4%
3	disagree a little	860	22%
4	disagree a lot	1058	27.1%
9	omitted	0	

BSBSTQKY: sci\agree|i learn things quickly in sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3929 Minimum: 1 Maximum: 7 Mean: 1.8969203359633 Standard deviation: 0.96095526132761
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1602	41%
2	agree a little	1445	37%
3	disagree a little	627	16%
4	disagree a lot	235	6%
9	omitted	0	

BSBSBORE: sci\agree|i find science boring

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3969 Minimum: 1 Maximum: 7 Mean: 2.9803476946334 Standard deviation: 1.137970383089
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	569	14.4%
2	agree a little	782	19.8%

3	disagree a little	836	21.2%
4	disagree a lot	1762	44.6%
9	omitted	0	

BSBSEASY: sci\agree\science is an easy subject

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4045 Minimum: 1 Maximum: 7 Mean: 1.9723114956737 Standard deviation: 1.0434311134451
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1668	41.4%
2	agree a little	1292	32.1%
3	disagree a little	674	16.7%
4	disagree a lot	391	9.7%
9	omitted	0	

CHECK07: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBSAHDH: sci\agree\will help me in my daily life

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4111 Minimum: 1 Maximum: 7 Mean: 1.4638774020919 Standard deviation: 0.86572836080289
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2876	70.3%

2	agree a little	800	19.6%
3	disagree a little	258	6.3%
4	disagree a lot	157	3.8%
9	omitted	0	

BSBSAOSS: sci\agree\need science to learn oth subj

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4054 Minimum: 1 Maximum: 7 Mean: 1.815244203256 Standard deviation: 0.9950057756217
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1970	48.8%
2	agree a little	1223	30.3%
3	disagree a little	561	13.9%
4	disagree a lot	280	6.9%
9	omitted	0	

BSBSAUNI: sci\agree\need sci to get into the univ

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4050 Minimum: 1 Maximum: 7 Mean: 1.6496296296296 Standard deviation: 0.98039871280478
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2452	60.8%
2	agree a little	897	22.3%
3	disagree a little	429	10.6%
4	disagree a lot	252	6.3%
9	omitted	0	

BSBSAWAR: sci\does teach use portf to award marks?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4194 Minimum: 1 Maximum: 7 Mean: 1.6165951359084 Standard deviation: 0.94057704866951
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2767	66.3%
2	no	348	8.3%
3	i don't know	1059	25.4%
9	omitted	0	

BSBSAJOB: sci\agree\would like job inv science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4043 Minimum: 1 Maximum: 7 Mean: 1.7895127380658 Standard deviation: 1.0523030678865
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2175	54.1%
2	agree a little	1002	24.9%
3	disagree a little	468	11.6%
4	disagree a lot	378	9.4%
9	omitted	0	

BSBSAGET: sci\agree\need sci to get job i want

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4050 Minimum: 1 Maximum: 7 Mean: 1.6844444444444444 Standard deviation: 1.034442662801
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2484	61.6%
2	agree a little	763	18.9%
3	disagree a little	460	11.4%
4	disagree a lot	323	8%
9	omitted	0	

BSBSEXTO: sci\how often extra lessons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4174 Minimum: 1 Maximum: 7 Mean: 2.4834690943939 Standard deviation: 1.0754386381571
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	929	22.4%
2	once or twice a week	1141	27.5%
3	sometimes	1321	31.8%
4	never or almost never	763	18.4%
9	omitted	0	

BSBSHWMA: sci\how often teacher gives sci hmwork

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4167 Minimum: 1 Maximum: 7 Mean: 2.4108471322294 Standard deviation: 1.0624555238635
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	890	21.5%
2	3 or 4 times a week	1417	34.2%

3	1 or 2 times a week	1273	30.7%
4	less than once a week	472	11.4%
5	never	95	2.3%
9	omitted	0	

BSBSHWMG: sci\how many minutes sci homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4122 Minimum: 1 Maximum: 7 Mean: 2.4691897137312 Standard deviation: 1.255571141724
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	fewer than 15 minutes	819	20%
2	15-30 minutes	1849	45.1%
3	31-60 minutes	712	17.4%
4	61-90 minutes	225	5.5%
5	more than 90 minutes	497	12.1%
6	logically not applicable	0	
9	omitted	0	

CHECK08: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
Type: Discrete Width: 8 Format: Numeric

BSBSHWMT: sci\how often you write a science test?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4192 Minimum: 1 Maximum: 7 Mean: 3.2853053435115 Standard deviation: 0.95105396948109
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	188	4.5%
2	3 or 4 times a week	716	17.2%
3	1 or 2 times a week	1128	27%
4	once a month	2072	49.7%
5	never	68	1.6%
9	omitted	0	

BSBSHWMD: sci\how often is performance discussed?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4201 Minimum: 1 Maximum: 7 Mean: 1.7053082599381 Standard deviation: 0.69164600528005
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	after every assignment	1606	38.4%
2	sometimes	2307	55.2%
3	never or almost never	268	6.4%
9	omitted	0	

BSBSPORT: sci\does teacher keep portfolio: science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4212 Minimum: 1 Maximum: 7 Mean: 1.3979107312441 Standard deviation: 0.80739599701448
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3204	76.4%
2	no	420	10%
3	i don't know	568	13.5%
9	omitted	0	

BSBSHDEI: sci\how often\teacher demonstr exp inves

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4080 Minimum: 1 Maximum: 7 Mean: 1.9397058823529 Standard deviation: 0.99805739815256
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1700	41.9%
2	about half the lessons	1268	31.2%
3	some lessons	830	20.4%
4	never	262	6.5%
9	omitted	0	

BSBSHFHP: sci\how often\hypotheses or predictions

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3995 Minimum: 1 Maximum: 7 Mean: 2.2485607008761 Standard deviation: 0.95860481471444
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	896	22.5%
2	about half the lessons	1656	41.7%
3	some lessons	1057	26.6%
4	never	366	9.2%
9	omitted	0	

BSBSHPEI: sci\how often\plan experiment or invest

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3979 Minimum: 1 Maximum: 7 Mean: 2.0454888162855 Standard deviation: 1.0110956235902
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1479	37.4%
2	about half the lessons	1188	30%
3	some lessons	1024	25.9%
4	never	268	6.8%
9	omitted	0	

BSBSHCEI: sci\how often\conduct exp or invest

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3969 Minimum: 1 Maximum: 7 Mean: 2.1534391534392 Standard deviation: 1.0072263540612
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1217	30.8%
2	about half the lessons	1344	34%
3	some lessons	1050	26.6%
4	never	338	8.6%
9	omitted	0	

BSBSHWGO: sci\how often\work in group exp or inv

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4011 Minimum: 1 Maximum: 7 Mean: 1.881575666916 Standard deviation: 1.0334491123306
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1940	48.6%
2	about half the lessons	953	23.9%

3	some lessons	831	20.8%
4	never	267	6.7%
9	omitted	0	

BSBSHEOH: sci\how often\write explanation what why

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3977 Minimum: 1 Maximum: 7 Mean: 1.9079708322856 Standard deviation: 0.97559728965575
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1675	42.3%
2	about half the lessons	1290	32.6%
3	some lessons	775	19.6%
4	never	217	5.5%
9	omitted	0	

BSBSHITS: sci\how often\impact of techn on society

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3973 Minimum: 1 Maximum: 7 Mean: 2.0828089604833 Standard deviation: 1.044787070729
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1448	36.6%
2	about half the lessons	1197	30.3%
3	some lessons	939	23.8%
4	never	369	9.3%
9	omitted	0	

BSBSHMDL: sci\how often\relate to our daily lives**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3970 Minimum: 1 Maximum: 7 Mean: 1.8591939546599 Standard deviation: 0.98876141508833
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1832	46.4%
2	about half the lessons	1172	29.7%
3	some lessons	719	18.2%
4	never	227	5.7%
9	omitted	0	

BSBSHPWC: sci\how often\present our work to class**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3874 Minimum: 1 Maximum: 7 Mean: 1.776458440888 Standard deviation: 1.013007706755
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2075	53.8%
2	about half the lessons	912	23.7%
3	some lessons	625	16.2%
4	never	242	6.3%
9	omitted	0	

BSBSHROH: sci\how often\we review our homework**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3902 Minimum: 1 Maximum: 7 Mean: 1.7747309072271 Standard deviation: 0.96317593775389
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1975	50.9%
2	about half the lessons	1084	27.9%
3	some lessons	650	16.7%
4	never	173	4.5%
9	omitted	0	

BSBSHLSP: sci\how often\listen teacher lecture

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3978 Minimum: 1 Maximum: 7 Mean: 1.6473102061337 Standard deviation: 0.93545483071508
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2328	58.8%
2	about half the lessons	966	24.4%
3	some lessons	503	12.7%
4	never	161	4.1%
9	omitted	0	

BSBSHWPO: sci\how often\work problems on our own

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3964 Minimum: 1 Maximum: 7 Mean: 2.2772452068618 Standard deviation: 1.0797504779065
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1147	29.1%
2	about half the lessons	1217	30.9%

3	some lessons	1014	25.7%
4	never	566	14.4%
9	omitted	0	

BSBSHBHC: sci\how often\begin our homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3992 Minimum: 1 Maximum: 7 Mean: 2.4238476953908 Standard deviation: 1.1884402816429
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1209	30.4%
2	about half the lessons	884	22.3%
3	some lessons	957	24.1%
4	never	922	23.2%
9	omitted	0	

BSBSHHQT: sci\how often\we have a quiz or test

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4018 Minimum: 1 Maximum: 7 Mean: 2.109756097561 Standard deviation: 1.0093658443602
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1355	33.9%
2	about half the lessons	1242	31.1%
3	some lessons	1106	27.7%
4	never	295	7.4%
9	omitted	0	

CHECK09: blank,core id info ends**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBETWEL: eng\agree\usually do well in english**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4096 Minimum: 1 Maximum: 7 Mean: 1.512939453125 Standard deviation: 0.80282076103895
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2517	61.8%
2	agree a little	1223	30%
3	disagree a little	250	6.1%
4	disagree a lot	86	2.1%
9	omitted	0	

BSBETMOR: eng\agree\would like to take more eng**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4028 Minimum: 1 Maximum: 7 Mean: 1.3848063555114 Standard deviation: 0.81236259734173
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	3018	75.3%
2	agree a little	662	16.5%
3	disagree a little	216	5.4%
4	disagree a lot	112	2.8%
9	omitted	0	

BSBETCLM: eng\agree\english more difficult for me

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3959 Minimum: 1 Maximum: 7 Mean: 2.6319777721647 Standard deviation: 1.1918952782147
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	863	21.9%
2	agree a little	1099	27.9%
3	disagree a little	689	17.5%
4	disagree a lot	1288	32.7%
9	omitted	0	

BSBETENJ: eng\agree|i enjoy learning english

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3921 Minimum: 1 Maximum: 7 Mean: 1.377454730936 Standard deviation: 0.82458508400836
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2998	76.9%
2	agree a little	561	14.4%
3	disagree a little	227	5.8%
4	disagree a lot	115	2.9%
9	omitted	0	

BSBETTOP: eng\agree\do not understand new topic

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4008 Minimum: 1 Maximum: 7 Mean: 2.6402195608782 Standard deviation: 1.1850491778729
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	846	21.2%
2	agree a little	1136	28.5%
3	disagree a little	700	17.6%
4	disagree a lot	1306	32.7%
9	omitted	0	

BSBETSTR: eng\agree\english is not my strengths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3910 Minimum: 1 Maximum: 7 Mean: 2.6388746803069 Standard deviation: 1.2210412300546
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	934	24%
2	agree a little	953	24.5%
3	disagree a little	674	17.3%
4	disagree a lot	1329	34.2%
9	omitted	0	

BSBETQKY: eng\agree\i learn things quickly in eng

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3926 Minimum: 1 Maximum: 7 Mean: 1.6377992868059 Standard deviation: 0.90616439304349
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2223	56.9%
2	agree a little	1139	29.2%

3	disagree a little	387	9.9%
4	disagree a lot	157	4%
9	omitted	0	

BSBEBORE: eng\agree\i find english boring

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3966 Minimum: 1 Maximum: 7 Mean: 3.1111951588502 Standard deviation: 1.1511234640536
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	553	14%
2	agree a little	652	16.5%
3	disagree a little	622	15.8%
4	disagree a lot	2119	53.7%
9	omitted	0	

BSBEEASY: eng\agree\english is an easy subject

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4033 Minimum: 1 Maximum: 7 Mean: 1.5886436895611 Standard deviation: 0.92106088022714
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2491	62.1%
2	agree a little	980	24.4%
3	disagree a little	352	8.8%
4	disagree a lot	190	4.7%
9	omitted	0	

BSBEAHDH: eng\agree\will help me in my daily life**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4108 Minimum: 1 Maximum: 7 Mean: 1.2621713729309 Standard deviation: 0.72498313311756
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	3421	83.7%
2	agree a little	469	11.5%
3	disagree a little	106	2.6%
4	disagree a lot	92	2.3%
9	omitted	0	

BSBEAOSS: eng\agree\need english to learn oth subj**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4048 Minimum: 1 Maximum: 7 Mean: 1.4520750988142 Standard deviation: 0.85964671850994
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2872	71.3%
2	agree a little	742	18.4%
3	disagree a little	274	6.8%
4	disagree a lot	140	3.5%
9	omitted	0	

BSBEAUNI: eng\agree\need eng to get into the univ**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4030 Minimum: 1 Maximum: 7 Mean: 1.3990074441687 Standard deviation: 0.8174681429571
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2972	74.1%
2	agree a little	701	17.5%
3	disagree a little	224	5.6%
4	disagree a lot	113	2.8%
9	omitted	0	

BSBEAJOB: eng\agree\would like job inv english

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4034 Minimum: 1 Maximum: 7 Mean: 1.4583539910759 Standard deviation: 0.88818224989341
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2900	72.2%
2	agree a little	674	16.8%
3	disagree a little	265	6.6%
4	disagree a lot	175	4.4%
9	omitted	0	

BSBEAGET: eng\agree\need eng to get job i want

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4035 Minimum: 1 Maximum: 7 Mean: 1.4257744733581 Standard deviation: 0.86788676135378
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2982	74.3%
2	agree a little	629	15.7%

3	disagree a little	243	6.1%
4	disagree a lot	161	4%
9	omitted	0	

CHECK10: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBEPOEM: eng\how often\listen teacher reads poem

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4033 Minimum: 1 Maximum: 7 Mean: 1.4520208281676 Standard deviation: 0.82720455064857
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2828	70.5%
2	about half the lessons	729	18.2%
3	some lessons	394	9.8%
4	never	62	1.5%
9	omitted	0	

BSBEPRED: eng\how often\predict outcome of drama

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3922 Minimum: 1 Maximum: 7 Mean: 2.0114737378888 Standard deviation: 0.95852311396696
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1345	34.5%

2	about half the lessons	1501	38.5%
3	some lessons	822	21.1%
4	never	234	6%
9	omitted	0	

BSBEPLAN: eng\how often\design or plan text

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3908 Minimum: 1 Maximum: 7 Mean: 2.0754861821904 Standard deviation: 1.038635720935
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1436	36.9%
2	about half the lessons	1156	29.7%
3	some lessons	961	24.7%
4	never	335	8.6%
9	omitted	0	

BSBECRIT: eng\how often\critically review ad

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3853 Minimum: 1 Maximum: 7 Mean: 2.1505320529458 Standard deviation: 0.99931069302133
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1170	30.5%
2	about half the lessons	1320	34.4%
3	some lessons	1036	27%
4	never	307	8%
9	omitted	0	

BSBEDISC: eng\how often\take part in discussion**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3898 Minimum: 1 Maximum: 7 Mean: 1.8329912775782 Standard deviation: 0.99191979570657
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1904	49.1%
2	about half the lessons	1014	26.1%
3	some lessons	767	19.8%
4	never	193	5%
9	omitted	0	

BSBELETT: eng\how often\write letters etc.**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3872 Minimum: 1 Maximum: 7 Mean: 1.9305268595041 Standard deviation: 1.0299458023486
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1740	45.2%
2	about half the lessons	998	25.9%
3	some lessons	857	22.2%
4	never	257	6.7%
9	omitted	0	

BSBEIMPC: eng\how often\study impact of language**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3832 Minimum: 1 Maximum: 7 Mean: 1.9509394572025 Standard deviation: 1.0116492730287
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1590	41.7%
2	about half the lessons	1189	31.2%
3	some lessons	764	20%
4	never	269	7.1%
9	omitted	0	

BSBENEWS: eng\how often\study newspaper articles

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3832 Minimum: 1 Maximum: 7 Mean: 2.133872651357 Standard deviation: 1.065625715217
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1375	36.1%
2	about half the lessons	1027	26.9%
3	some lessons	1032	27.1%
4	never	378	9.9%
9	omitted	0	

BSBESIMI: eng\how often\understand similarities

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3861 Minimum: 1 Maximum: 7 Mean: 1.8777518777519 Standard deviation: 0.97883017922751
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1737	45.2%
2	about half the lessons	1116	29.1%

3	some lessons	811	21.1%
4	never	177	4.6%
9	omitted	0	

BSBEWORK: eng\how often\present work in small grps

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3844 Minimum: 1 Maximum: 7 Mean: 1.7640478668054 Standard deviation: 0.97309518425738
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2016	52.7%
2	about half the lessons	963	25.2%
3	some lessons	681	17.8%
4	never	164	4.3%
9	omitted	0	

BSBEHMWK: eng\how often\review our homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3806 Minimum: 1 Maximum: 7 Mean: 1.7186022070415 Standard deviation: 0.93601090604031
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2017	53.3%
2	about half the lessons	1059	28%
3	some lessons	574	15.2%
4	never	136	3.6%
9	omitted	0	

BSBELECT: eng\how often\teacher gives lecture

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3818 Minimum: 1 Maximum: 7 Mean: 1.6458878994238 Standard deviation: 0.94922723282634
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	2279	60%
2	about half the lessons	848	22.3%
3	some lessons	515	13.6%
4	never	156	4.1%
9	omitted	0	

BSBESOLV: eng\how often\solve problems on our own

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3763 Minimum: 1 Maximum: 7 Mean: 2.2216316768536 Standard deviation: 1.0892104331843
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1204	32.2%
2	about half the lessons	1104	29.5%
3	some lessons	932	24.9%
4	never	503	13.4%
9	omitted	0	

BSBEHOME: eng\how often\begin homework in class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3794 Minimum: 1 Maximum: 7 Mean: 2.368212967844 Standard deviation: 1.1967755346946
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1236	32.8%
2	about half the lessons	844	22.4%
3	some lessons	855	22.7%
4	never	839	22.2%
9	omitted	0	

BSBEPUZZ: eng\how often\do crossword puzzles

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3917 Minimum: 1 Maximum: 7 Mean: 2.5381669645137 Standard deviation: 1.1811794497207
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1048	26.9%
2	about half the lessons	790	20.3%
3	some lessons	1062	27.3%
4	never	997	25.6%
9	omitted	0	

BSBEEXTO: eng\how often extra lessons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4153 Minimum: 1 Maximum: 7 Mean: 2.4367926799904 Standard deviation: 1.1017215988323
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	1063	25.7%
2	once or twice a week	1039	25.1%

3	sometimes	1285	31.1%
4	never or almost never	746	18%
9	omitted	0	

BSBEHWMA: eng\how often teacher gives eng homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4153 Minimum: 1 Maximum: 7 Mean: 2.2162292318806 Standard deviation: 1.0209541314755
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	1143	27.7%
2	3 or 4 times a week	1455	35.2%
3	1 or 2 times a week	1192	28.8%
4	less than once a week	280	6.8%
5	never	63	1.5%
9	omitted	0	

BSBEHWMG: eng\how many minutes eng homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4098 Minimum: 1 Maximum: 7 Mean: 2.1742313323572 Standard deviation: 0.98976934474461
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	fewer than 15 minutes	1017	24.9%
2	15-30 minutes	1925	47.2%
3	31-60 minutes	641	15.7%
4	61-90 minutes	495	12.1%
5	more than 90 minutes	0	
6	logically not applicable	0	
9	omitted	0	

CHECK11: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBEHWMT: eng\how often you write a english test?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4146 Minimum: 1 Maximum: 7 Mean: 3.2515677761698 Standard deviation: 1.009558038411
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	236	5.7%
2	3 or 4 times a week	786	19%
3	1 or 2 times a week	991	24%
4	once a month	2005	48.6%
5	never	108	2.6%
9	omitted	0	

BSBEHWMD: eng\how often is performance discussed?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4156 Minimum: 1 Maximum: 7 Mean: 1.3635707410972 Standard deviation: 0.79159918418353
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	after every assignment	3266	79%
2	sometimes	349	8.4%
3	never or almost never	521	12.6%
9	omitted	0	

BSBEPOR: eng\does teacher keep portfolio: english

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4136 Minimum: 1 Maximum: 7 Mean: 1.5853481624758 Standard deviation: 0.92967627066287
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2800	68%
2	no	331	8%
3	i don't know	985	23.9%
9	omitted	0	

BSBEAWAR: eng\does teach use portf to award marks?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4149 Minimum: 1 Maximum: 7 Mean: 1.6695589298626 Standard deviation: 0.69645148460278
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	after every assignment	1718	41.6%
2	sometimes	2164	52.4%
3	never or almost never	247	6%
9	omitted	0	

BSBGUSEC: gen\do you ever use a computer?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3535 Minimum: 1 Maximum: 7 Mean: 1.6588401697313 Standard deviation: 0.62818205124058
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1306	37.2%
2	no	2209	62.8%
9	omitted	0	

BSBGCHOM: gen\use a computer\at home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2194 Minimum: 1 Maximum: 7 Mean: 1.693710118505 Standard deviation: 0.69725970030184
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	772	35.5%
2	no	1402	64.5%
6	logically not applicable	0	
9	omitted	0	

BSBGCSCH: gen\use a computer\at school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2204 Minimum: 1 Maximum: 7 Mean: 1.510889292196 Standard deviation: 0.7227383547689
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1178	53.9%
2	no	1006	46.1%
6	logically not applicable	0	
9	omitted	0	

BSBGCLIB: gen\use a computer\at a library**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1922 Minimum: 1 Maximum: 7 Mean: 1.7284079084287 Standard deviation: 0.71433194973279
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	622	32.7%
2	no	1280	67.3%
6	logically not applicable	0	
9	omitted	0	

BSBGCFRH: gen\use a computer\at a friends home**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1998 Minimum: 1 Maximum: 7 Mean: 1.6376376376376 Standard deviation: 0.72912430916281
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	824	41.7%
2	no	1154	58.3%
6	logically not applicable	0	
9	omitted	0	

BSBGCCAF: gen\use a computer\at an internet cafe**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1835 Minimum: 1 Maximum: 7 Mean: 1.8261580381471 Standard deviation: 0.68618729705175
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	419	23.1%
2	no	1396	76.9%
6	logically not applicable	0	
9	omitted	0	

BSBGCELS: gen\use a computer\elsewhere

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1940 Minimum: 1 Maximum: 7 Mean: 1.7675257731959 Standard deviation: 0.69854122060228
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	551	28.7%
2	no	1369	71.3%
6	logically not applicable	0	
9	omitted	0	

BSBMOINF: mat\often\look up ideas and inf for mat

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2819 Minimum: 1 Maximum: 7 Mean: 2.8034764100745 Standard deviation: 1.5847398081288
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	785	28%
2	at least once a week	721	25.8%
3	once or twice a month	310	11.1%
4	a few times a year	309	11%

5	never	674	24.1%
6	logically not applicable	0	
9	omitted	0	

BSBSOINF: sci\often\look up ideas and inf for sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2742 Minimum: 1 Maximum: 7 Mean: 2.7782640408461 Standard deviation: 1.5113802203004
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	685	25.2%
2	at least once a week	759	27.9%
3	once or twice a month	405	14.9%
4	a few times a year	305	11.2%
5	never	568	20.9%
6	logically not applicable	0	
9	omitted	0	

BSBGOREP: gen\often\i write reports for school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2716 Minimum: 1 Maximum: 7 Mean: 3.2065537555228 Standard deviation: 1.5726862151044
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	544	20.2%
2	at least once a week	514	19.1%
3	once or twice a month	424	15.7%
4	a few times a year	345	12.8%
5	never	869	32.2%
6	logically not applicable	0	

9	omitted	0	
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BSBGOPAD: gen\often|i process and analyze data

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2738 Minimum: 1 Maximum: 7 Mean: 3.1932067202337 Standard deviation: 1.5285366932868
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every day	486	17.9%
2	at least once a week	591	21.7%
3	once or twice a month	444	16.3%
4	a few times a year	382	14.1%
5	never	815	30%
6	logically not applicable	0	
9	omitted	0	

CHECK12: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGALBS: gen\agree\like being in school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4068 Minimum: 1 Maximum: 7 Mean: 1.3448869223206 Standard deviation: 0.79386689635181
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	3166	78.2%

2	agree a little	602	14.9%
3	disagree a little	159	3.9%
4	disagree a lot	121	3%
9	omitted	0	

BSBGATTB: gen\agree\std try their best

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4018 Minimum: 1 Maximum: 7 Mean: 1.5647088103534 Standard deviation: 0.88012883351348
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2468	61.7%
2	agree a little	1054	26.4%
3	disagree a little	333	8.3%
4	disagree a lot	143	3.6%
9	omitted	0	

BSBGATCS: gen\agree\tch care about the std

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4005 Minimum: 1 Maximum: 7 Mean: 1.5338327091136 Standard deviation: 0.90047518645289
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2625	65.9%
2	agree a little	869	21.8%
3	disagree a little	324	8.1%
4	disagree a lot	167	4.2%
9	omitted	0	

BSBGATSB: gen\agree\tch want std to do best

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4011 Minimum: 1 Maximum: 7 Mean: 1.4128646222887 Standard deviation: 0.86325605635027
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	3004	75.3%
2	agree a little	597	15%
3	disagree a little	231	5.8%
4	disagree a lot	159	4%
9	omitted	0	

BSBGSTOL: gen\in sch\sth of mine was stolen

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4007 Minimum: 1 Maximum: 7 Mean: 1.4829049163963 Standard deviation: 0.63209605959099
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2172	54.5%
2	no	1815	45.5%
9	omitted	0	

BSBGHURT: gen\in sch\hit or hurt by other std

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3930 Minimum: 1 Maximum: 7 Mean: 1.6933842239186 Standard deviation: 0.6044561741224
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1305	33.4%
2	no	2605	66.6%
9	omitted	0	

BSBGMMADE: gen\in sch\made to do things by oth std

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3924 Minimum: 1 Maximum: 7 Mean: 1.6478083588175 Standard deviation: 0.61737753615418
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1482	38%
2	no	2422	62%
9	omitted	0	

BSBGMFUN: gen\in sch\made fun of or called names

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3917 Minimum: 1 Maximum: 7 Mean: 1.5139137094715 Standard deviation: 0.63489193478449
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2004	51.4%
2	no	1893	48.6%
9	omitted	0	

BSBGLEFT: gen\in sch\was left out of activities

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3946 Minimum: 1 Maximum: 7 Mean: 1.6462240243284 Standard deviation: 0.61706380620515

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1496	38.1%
2	no	2430	61.9%
9	omitted	0	

BSBGRACE: gen\in sch\learners from other races

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3500 Minimum: 1 Maximum: 7 Mean: 1.4185714285714 Standard deviation: 0.64414012975209
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2135	61.4%
2	no	1345	38.6%
9	omitted	0	

BSBGCOMF: gen\agree\more comfortable with own race

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3212 Minimum: 1 Maximum: 7 Mean: 1.7406600249066 Standard deviation: 1.0342875781802
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1777	55.7%
2	agree a little	836	26.2%
3	disagree a little	314	9.8%
4	disagree a lot	265	8.3%
9	omitted	0	

BSBGFAVR: gen\agree\teachers favour some races

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3109 Minimum: 1 Maximum: 7 Mean: 2.3843679639756 Standard deviation: 1.1935692504747
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	902	29.2%
2	agree a little	934	30.2%
3	disagree a little	509	16.5%
4	disagree a lot	744	24.1%
9	omitted	0	

BSBGLERN: gen\agree\liked to learn oth sa language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3105 Minimum: 1 Maximum: 7 Mean: 1.5426731078905 Standard deviation: 0.98320231666282
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	2140	69.4%
2	agree a little	520	16.9%
3	disagree a little	230	7.5%
4	disagree a lot	195	6.3%
9	omitted	0	

BSBGEMIX: gen\agree\encourages us to mix

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3112 Minimum: 1 Maximum: 7 Mean: 1.9071336760925 Standard deviation: 1.0858609781048
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1464	47.3%
2	agree a little	881	28.5%
3	disagree a little	419	13.6%
4	disagree a lot	328	10.6%
9	omitted	0	

BSBGASSO: gen\agree\same race teachers associate

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3068 Minimum: 1 Maximum: 7 Mean: 2.0961538461538 Standard deviation: 1.0832083236287
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1086	35.6%
2	agree a little	1061	34.8%
3	disagree a little	521	17.1%
4	disagree a lot	380	12.5%
9	omitted	0	

BSBGNEGR: gen\agree\learners make negative comment

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3056 Minimum: 1 Maximum: 7 Mean: 2.2182591623037 Standard deviation: 1.1219315146869
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	964	31.8%
2	agree a little	1039	34.2%

3	disagree a little	535	17.6%
4	disagree a lot	498	16.4%
9	omitted	0	

BSBGORAC: gen\agree\mainly mix with own race group

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3060 Minimum: 1 Maximum: 7 Mean: 2.0326797385621 Standard deviation: 1.1105503181758
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1249	41.1%
2	agree a little	931	30.6%
3	disagree a little	471	15.5%
4	disagree a lot	389	12.8%
9	omitted	0	

BSBGSLAN: gen\agree\mainly mix with same language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3076 Minimum: 1 Maximum: 7 Mean: 1.878088426528 Standard deviation: 1.1021461930603
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1530	50.1%
2	agree a little	819	26.8%
3	disagree a little	359	11.7%
4	disagree a lot	348	11.4%
9	omitted	0	

BSBFIGT: gen\agree\fight because of race issues

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3082 Minimum: 1 Maximum: 7 Mean: 2.4665801427644 Standard deviation: 1.2156420954462
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	877	28.6%
2	agree a little	786	25.7%
3	disagree a little	583	19%
4	disagree a lot	816	26.6%
9	omitted	0	

CHECK13: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGTIME: gen\in sch\time-table for classes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3922 Minimum: 1 Maximum: 7 Mean: 1.0917899031107 Standard deviation: 0.48621802316401
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3662	93.8%
2	no	240	6.2%
9	omitted	0	

BSBGFOLL: gen\in sch\teachers follow time-table

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3913 Minimum: 1 Maximum: 7 Mean: 1.1323792486583 Standard deviation: 0.51793684554209
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3495	89.8%
2	no	398	10.2%
9	omitted	0	

BSBGSTRI: gen\in sch\teachers strike

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3875 Minimum: 1 Maximum: 7 Mean: 1.6113548387097 Standard deviation: 0.62653021495134
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1606	41.7%
2	no	2249	58.3%
9	omitted	0	

BSBGABSN: gen\in sch\teachers absent from school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3787 Minimum: 1 Maximum: 7 Mean: 1.596778452601 Standard deviation: 0.63180384248867
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1627	43.2%

2	no	2140	56.8%
9	omitted	0	

BSBGBADW: gen\in sch\bad weather

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3746 Minimum: 1 Maximum: 7 Mean: 1.7092899092365 Standard deviation: 0.60536469299449
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1189	31.9%
2	no	2537	68.1%
9	omitted	0	

BSBGFUNE: gen\in sch\funerals

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3776 Minimum: 1 Maximum: 7 Mean: 1.4608050847458 Standard deviation: 0.63833374827234
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2136	56.9%
2	no	1620	43.1%
9	omitted	0	

BSBGEVEN: gen\in sch\cultural or sports events

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3786 Minimum: 1 Maximum: 7 Mean: 1.4632857897517 Standard deviation: 0.63815220472893
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2132	56.6%
2	no	1634	43.4%
9	omitted	0	

BSBGBOYC: gen\in sch\learner boycotts

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3697 Minimum: 1 Maximum: 7 Mean: 1.7514200703273 Standard deviation: 0.59091128643737
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1019	27.7%
2	no	2658	72.3%
9	omitted	0	

BSBGMOTH: gen\in sch\miss school other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3272 Minimum: 1 Maximum: 7 Mean: 1.5819070904645 Standard deviation: 0.65329606646624
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1468	45.1%
2	no	1784	54.9%
9	omitted	0	

BSBGWATV: gen\spend time\watch tv videos

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3941 Minimum: 1 Maximum: 7 Mean: 2.7175843694494 Standard deviation: 1.4360011632701
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	1024	26.1%
2	less than 1 hour	943	24%
3	1-2 hours	797	20.3%
4	more than 2 but less than 4 hours	516	13.2%
5	4 or more hours	641	16.3%
9	omitted	0	

BSBGPLCG: gen\spend time\play computer games

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3763 Minimum: 1 Maximum: 7 Mean: 1.7836832314643 Standard deviation: 1.2422987805184
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	2337	62.4%
2	less than 1 hour	613	16.4%
3	1-2 hours	394	10.5%
4	more than 2 but less than 4 hours	168	4.5%
5	4 or more hours	231	6.2%
9	omitted	0	

BSBGPLFD: gen\spend time\play talk with friend

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3826 Minimum: 1 Maximum: 7 Mean: 3.1129116570831 Standard deviation: 1.3726766147436

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	467	12.3%
2	less than 1 hour	1028	27%
3	1-2 hours	860	22.6%
4	more than 2 but less than 4 hours	588	15.4%
5	4 or more hours	863	22.7%
9	omitted	0	

BSBGJOHM: gen\spend time\do jobs at home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3816 Minimum: 1 Maximum: 7 Mean: 3.0110062893082 Standard deviation: 1.3554934330872
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	572	15.1%
2	less than 1 hour	944	24.9%
3	1-2 hours	934	24.6%
4	more than 2 but less than 4 hours	642	16.9%
5	4 or more hours	704	18.5%
9	omitted	0	

BSBGWKPJ: gen\spend time\work paid job

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3721 Minimum: 1 Maximum: 7 Mean: 1.85675893577 Standard deviation: 1.3018444847874
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	2252	60.8%
2	less than 1 hour	573	15.5%
3	1-2 hours	395	10.7%
4	more than 2 but less than 4 hours	219	5.9%
5	4 or more hours	262	7.1%
9	omitted	0	

BSBGPLSP: gen\spend time\i play sports

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3801 Minimum: 1 Maximum: 7 Mean: 2.6771902131018 Standard deviation: 1.4014008397123
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	1001	26.5%
2	less than 1 hour	888	23.5%
3	1-2 hours	841	22.2%
4	more than 2 but less than 4 hours	519	13.7%
5	4 or more hours	532	14.1%
9	omitted	0	

BSBGREBO: gen\spend time\read a book for enjoy

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3803 Minimum: 1 Maximum: 7 Mean: 2.7714961872206 Standard deviation: 1.2990943094735
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	630	16.7%
2	less than 1 hour	1213	32.1%
3	1-2 hours	935	24.7%

4	more than 2 but less than 4 hours	486	12.8%
5	4 or more hours	519	13.7%
9	omitted	0	

BSBGUSIN: gen\spend time\use internet

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3751 Minimum: 1 Maximum: 7 Mean: 1.8757664622767 Standard deviation: 1.2026755917726
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	2033	54.5%
2	less than 1 hour	808	21.7%
3	1-2 hours	477	12.8%
4	more than 2 but less than 4 hours	249	6.7%
5	4 or more hours	164	4.4%
9	omitted	0	

BSBGDOHW: gen\spend time\do homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3908 Minimum: 1 Maximum: 7 Mean: 3.1860286591607 Standard deviation: 1.3020584955261
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	no time	397	10.2%
2	less than 1 hour	893	23%
3	1-2 hours	1076	27.7%
4	more than 2 but less than 4 hours	710	18.3%
5	4 or more hours	812	20.9%
9	omitted	0	

CHECK14: blank,core id info ends**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGTRAV: gen\about you\far you travel to school**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4043 Minimum: 1 Maximum: 7 Mean: 2.3289636408607 Standard deviation: 1.4479658954727
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	less than 1 km	1664	41.4%
2	between 1 and 3 km	885	22%
3	between 3 and 5 km	561	13.9%
4	between 5 and 8 km	406	10.1%
5	more than 8 km	507	12.6%
9	omitted	0	

BSBGTAKE: gen\about you\how long does it take**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4051 Minimum: 1 Maximum: 7 Mean: 2.0422117995557 Standard deviation: 1.2519399053021
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	less than 15 min	1827	45.3%
2	about 30 min	1109	27.5%
3	about 45 min	554	13.7%
4	about an hour	279	6.9%

5	more than an hour	262	6.5%
9	omitted	0	

BSBGMOST: gen\about you\most often get to school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4037 Minimum: 1 Maximum: 7 Mean: 1.7069606143176 Standard deviation: 1.4080976355084
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	on foot - walk	3055	76.1%
2	bicycle	123	3.1%
3	taxi	330	8.2%
4	bus	239	5.9%
5	train	116	2.9%
6	other way	154	3.8%
9	omitted	0	

BSBGREAD: gen\about you\read books at home

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4047 Minimum: 1 Maximum: 7 Mean: 2.1116876698789 Standard deviation: 0.97414895278304
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	1382	34.3%
2	once or twice a week	1048	26%
3	sometimes	1460	36.3%
4	never or almost never	137	3.4%
9	omitted	0	

BSBGPAPE: gen\about you\buy newspapers or magazine**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3855 Minimum: 1 Maximum: 7 Mean: 1.2236057068742 Standard deviation: 0.5738759868933
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3093	80.7%
2	no	742	19.3%
9	omitted	0	

BSBGSEER: gen\about you\see parents read**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4037 Minimum: 1 Maximum: 7 Mean: 2.1431756254645 Standard deviation: 1.0354523973203
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	1428	35.5%
2	once or twice a week	971	24.2%
3	sometimes	1330	33.1%
4	never or almost never	288	7.2%
9	omitted	0	

BSBGPAASK: gen\about you\parents ask about sch work**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4030 Minimum: 1 Maximum: 7 Mean: 1.6813895781638 Standard deviation: 0.96589962186249
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	2408	60%
2	once or twice a week	696	17.4%
3	sometimes	788	19.7%
4	never or almost never	118	2.9%
9	omitted	0	

CHECK15: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGSLIB: gen\about you\school has library

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3847 Minimum: 1 Maximum: 7 Mean: 1.4286456979465 Standard deviation: 0.63322861795859
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2298	60%
2	no	1529	40%
9	omitted	0	

BSBGUSEL: gen\about you\use school library

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3196 Minimum: 1 Maximum: 7 Mean: 2.8351063829787 Standard deviation: 1.0911654139085
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	every or almost every day	493	15.5%
2	once or twice a week	610	19.2%
3	sometimes	1084	34.1%
4	never or almost never	989	31.1%
9	omitted	0	

BSBGPLIB: gen\about you\community has library

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3603 Minimum: 1 Maximum: 7 Mean: 1.4582292533999 Standard deviation: 0.64412595950147
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2052	57.3%
2	no	1531	42.7%
9	omitted	0	

BSBGUSEP: gen\about you\use community library

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3176 Minimum: 1 Maximum: 7 Mean: 2.661838790932 Standard deviation: 1.073197424648
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every day	560	17.7%
2	once or twice a week	747	23.7%
3	sometimes	1136	36%
4	never or almost never	713	22.6%
9	omitted	0	

BSBGMEAB: gen\about you\meal before school**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3691 Minimum: 1 Maximum: 7 Mean: 2.8312110539149 Standard deviation: 1.2787447781898
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	817	22.3%
2	1 or 2 days per week	810	22.1%
3	3 or 4 days per week	303	8.3%
4	every day	1741	47.4%
9	omitted	0	

BSBGMEAA: gen\about you\meal after school (lunch)**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3561 Minimum: 1 Maximum: 7 Mean: 3.1516427969671 Standard deviation: 1.1330223191716
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	414	11.7%
2	1 or 2 days per week	694	19.6%
3	3 or 4 days per week	451	12.7%
4	every day	1982	56%
9	omitted	0	

BSBGMEAE: gen\about you\evening meal (supper)**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3452 Minimum: 1 Maximum: 7 Mean: 3.2436268829664 Standard deviation: 1.1154859190206
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	400	11.7%
2	1 or 2 days per week	509	14.8%
3	3 or 4 days per week	453	13.2%
4	every day	2070	60.3%
9	omitted	0	

BSBGKILL: gen\about you\aids kill people

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3975 Minimum: 1 Maximum: 7 Mean: 1.1572327044025 Standard deviation: 0.5949649412069
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3590	90.8%
2	no	225	5.7%
3	do not know	140	3.5%
9	omitted	0	

BSBGSPRE: gen\about you\aids spread exc blood

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3846 Minimum: 1 Maximum: 7 Mean: 1.3520540821633 Standard deviation: 0.77128551478608
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2997	78.3%
2	no	424	11.1%
3	do not know	405	10.6%

9	omitted	0	
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BSBGKISS: gen\about you\aids spread kissing

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3823 Minimum: 1 Maximum: 7 Mean: 1.9958148051269 Standard deviation: 0.59474698499413
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	484	12.7%
2	no	2951	77.6%
3	do not know	368	9.7%
9	omitted	0	

BSBGAMEN: gen\about you\men give aids to women

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3807 Minimum: 1 Maximum: 7 Mean: 1.3567113212503 Standard deviation: 0.76606734462157
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2929	77.3%
2	no	478	12.6%
3	do not know	380	10%
9	omitted	0	

BSBGAWOM: gen\about you\women give aids to men

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3764 Minimum: 1 Maximum: 7 Mean: 1.3602550478215 Standard deviation: 0.76868939045229
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2886	77.1%
2	no	480	12.8%
3	do not know	378	10.1%
9	omitted	0	

BSBGSHAR: gen\about you\aids by sharing kitchens

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3871 Minimum: 1 Maximum: 7 Mean: 2.0307414104882 Standard deviation: 0.63150322529142
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	514	13.3%
2	no	2804	72.8%
3	do not know	533	13.8%
9	omitted	0	

BSBGTOUC: gen\about you\aids by touching someone

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3833 Minimum: 1 Maximum: 7 Mean: 2.007826767545 Standard deviation: 0.57199911240881
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	412	10.8%
2	no	3059	80.2%
3	do not know	342	9%
9	omitted	0	

BSBGDIFF: gen\about you\aids by diff partners

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3818 Minimum: 1 Maximum: 7 Mean: 1.8698271346255 Standard deviation: 0.85713942702238
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1483	39%
2	no	1429	37.6%
3	do not know	886	23.3%
9	omitted	0	

BSBGSUPN: gen\about you\aids by supernatural force

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3755 Minimum: 1 Maximum: 7 Mean: 2.2647137150466 Standard deviation: 0.8033750342915
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	646	17.3%
2	no	1549	41.5%
3	do not know	1540	41.2%
9	omitted	0	

BSBGPREG: gen\about you\aids by preg woman to baby

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3777 Minimum: 1 Maximum: 7 Mean: 1.3587503309505 Standard deviation: 0.75893220970693
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2875	76.5%
2	no	529	14.1%
3	do not know	353	9.4%
9	omitted	0	

BSBGHIVV: gen\about you\hiv: virus causes aids

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3815 Minimum: 1 Maximum: 7 Mean: 1.245871559633 Standard deviation: 0.69332204498785
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3240	85.4%
2	no	292	7.7%
3	do not know	263	6.9%
9	omitted	0	

BSBGVIRG: gen\about you\rid by sex with a virgin

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3862 Minimum: 1 Maximum: 7 Mean: 1.8234075608493 Standard deviation: 0.80105537038522
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1440	37.5%
2	no	1744	45.4%
3	do not know	658	17.1%
9	omitted	0	

BSBGCURE: gen\about you\cure for aids

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3881 Minimum: 1 Maximum: 7 Mean: 1.9747487760886 Standard deviation: 0.81726306192422
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1146	29.7%
2	no	1767	45.8%
3	do not know	948	24.6%
9	omitted	0	

CHECK16: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSBGBORN: gen\about you\were you born in sa?

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3812 Minimum: 1 Maximum: 7 Mean: 1.0556138509969 Standard deviation: 0.46673940694284
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3705	97.7%
2	no	86	2.3%
9	omitted	0	

BSBGBRNC: gen\born in country\age of coming

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 858 Minimum: 1 Maximum: 7 Mean: 2.0850815850816 Standard deviation: 1.1846889041589
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	older than 10 years old	358	42.8%
2	5 to 10 years old	153	18.3%
3	younger than 5 years old	326	38.9%
6	logically not applicable	0	
9	omitted	0	

CHECK17: blank,core id info ends

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

IDBOOK: booklet id

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 12 Mean: 6.5213091594066 Standard deviation: 3.4543596298653
 Type: Discrete Width: 8 Format: Numeric

IDBSET: booklet set (coding)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 2 Mean: 1.4937603013892 Standard deviation: 0.50001993553918
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	booklet set a	2150	50.6%
2	booklet set b	2097	49.4%
9	omitted	0	

IDSCORR: reliability scorer

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4222 Minimum: 1 Maximum: 888 Mean: 23.587399336807 Standard deviation: 70.109744496117
 Type: Discrete Width: 8 Format: Numeric

IDSCORA: achievement scorer

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4222 Minimum: 1 Maximum: 199 Mean: 19.638086215064 Standard deviation: 18.177433647002
 Type: Discrete Width: 8 Format: Numeric

IDPROV: province

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4267 Minimum: 1 Maximum: 9 Mean: 4.9580501523318 Standard deviation: 2.5209618611568
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	eastern cape	498	11.7%
2	free state	406	9.5%
3	gauteng	338	7.9%
4	kwazulu natal	778	18.2%
5	mpumalanga	469	11%
6	north west	436	10.2%
7	northern cape	346	8.1%
8	limpopo	627	14.7%
9	western cape	369	8.6%

ITLANG: language of testing**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 2 Mean: 1.1252648928656 Standard deviation: 0.33105800970923
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	test language	3715	87.5%
2	country specific	532	12.5%
3	country specific	0	
4	country specific	0	
5	country specific	0	
6	country specific	0	
9	omitted	0	

ITLANG1: unlabelled**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 232 Minimum: 2 Maximum: 2 Mean: 2 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

EXDEPT: previous education department**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 4 Mean: 1.4031080762891 Standard deviation: 0.86539683112217
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	black	3300	77.7%
2	coloured	496	11.7%
3	indian	137	3.2%
4	white	314	7.4%

9	omitted	0	
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POV_INDE: pov index

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3684 Minimum: 1 Maximum: 5 Mean: 2.9758414766558 Standard deviation: 1.3456267488105
 Type: Discrete Width: 8 Format: Numeric

IDCLASS: class id

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 104 Maximum: 209802 Mean: 19857.095125971 Standard deviation: 27376.307569
 Type: Continuous Width: 12 Format: Numeric

BSBGAL1: calculator survey

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2668 Minimum: 1 Maximum: 2 Mean: 1.6139430284858 Standard deviation: 0.4869351666501
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	a	1030	38.6%
2	b	1638	61.4%
7	invalid	0	
9	omitted	0	

BSBGAL2: calculator survey

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2296 Minimum: 1 Maximum: 7 Mean: 1.7574041811847 Standard deviation: 0.95608910372257
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	a	1198	52.2%
2	b	648	28.2%
3	c	262	11.4%
4	d	187	8.1%
7	invalid	1	0%
9	omitted	0	

SSYSTEM: record number student general file

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 4265 Mean: 2133.102896162 Standard deviation: 1231.8935808901
 Type: Continuous Width: 8 Format: Numeric

IDPOP: population id

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 2 Maximum: 2 Mean: 2 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	timss pop 1	0	
2	timss pop 2	4247	100%
3	timss pop 3	0	
9	omitted	0	

VERSION: version number

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 20 Maximum: 20 Mean: 20 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

IDGRADER: standardized grade id

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 2 Maximum: 2 Mean: 2 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	lower grade	0	
2	upper grade	4247	100%
9	omitted	0	

ITPART: participation status/achievement sess.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 3 Maximum: 3 Mean: 3 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	stud. excl. & didnt part.	0	
1	stud. left school.	0	
2	student absent	0	
3	student part.	4247	100%
4	booklet lost	0	
5	student excl., but data avail.	0	
6	excl. from sample	0	
7	par. perm. denied	0	
9	omitted	0	

DPCDATE: file creation date at dpc hamburg

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 102504 Maximum: 102504 Mean: 102504 Standard deviation: 0
 Type: Discrete Width: 12 Format: Numeric

HOUWGT: house weight

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0.087612256407738 Maximum: 3.7625784873962 Mean: 0.99791544569866 Standard deviation: 0.59338767758312
 Type: Continuous Width: 9 Format: Numeric

TOTWGT: total student weight

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 18.640981674194 Maximum: 800.55181884766 Mean: 212.32328712629 Standard deviation: 126.25320471378
 Type: Continuous Width: 9 Format: Numeric

SENWGT: senate weight

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0.010280715301633 Maximum: 0.4415135383606 Mean: 0.11709873810803 Standard deviation: 0.069630095910517
 Type: Continuous Width: 9 Format: Numeric

JKZONE: jackknife zone

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 75 Mean: 33.168354132329 Standard deviation: 20.23162289472
 Type: Discrete Width: 8 Format: Numeric

JKREP: jackknife replicate code

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0 Maximum: 1 Mean: 0.50341417471156 Standard deviation: 0.50004721738114
 Type: Discrete Width: 8 Format: Numeric

INTMS03: in 2003 assessment population**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
Type: Discrete Width: 8 Format: Numeric

IDSTRATE: explicit stratum code**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 9 Mean: 4.9587944431363 Standard deviation: 2.5217746513642
Type: Discrete Width: 8 Format: Numeric

IDSTRATI: implicit stratum code**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 3 Mean: 1.6411584647987 Standard deviation: 0.6577781117977
Type: Discrete Width: 8 Format: Numeric

INTRND03: in 2003 trend assessment population**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
Type: Discrete Width: 8 Format: Numeric

INTMS99: in 1999 and 2003 assessment population**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
Type: Discrete Width: 8 Format: Numeric

INTMS95: in 1995 and 1999 and 2003 ass.pop**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

BSMMAT01: 1st plausible value mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 20.273845672607 Maximum: 727.25885009766 Mean: 289.88197964928 Standard deviation: 96.087522141031
 Type: Continuous Width: 9 Format: Numeric

BSMMAT02: 2nd plausible value mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 23.498609542847 Maximum: 737.97937011719 Mean: 287.62652305538 Standard deviation: 98.681741451373
 Type: Continuous Width: 9 Format: Numeric

BSMMAT03: 3rd plausible value mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 14.476136207581 Maximum: 716.17785644531 Mean: 288.77340538024 Standard deviation: 97.246427314678
 Type: Continuous Width: 9 Format: Numeric

BSMMAT04: 4th plausible value mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 36.793491363525 Maximum: 730.15112304688 Mean: 289.19313781537 Standard deviation: 98.247649888824
 Type: Continuous Width: 9 Format: Numeric

BSMMAT05: 5th plausible value mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 17.926092147827 Maximum: 717.31298828125 Mean: 289.61732694259 Standard deviation: 96.659819534686
 Type: Continuous Width: 9 Format: Numeric

BSSSCI01: 1st plausible value science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 810.71319580078 Mean: 273.0892389807 Standard deviation:
121.44667053801
Type: Continuous Width: 9 Format: Numeric

BSSSCI02: 2nd plausible value science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 788.22216796875 Mean: 274.22708626593 Standard deviation:
120.75549680037
Type: Continuous Width: 9 Format: Numeric

BSSSCI03: 3rd plausible value science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 738.38031005859 Mean: 274.79246119193 Standard deviation:
119.62707326163
Type: Continuous Width: 9 Format: Numeric

BSSSCI04: 4th plausible value science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 747.70977783203 Mean: 271.44795843604 Standard deviation:
120.60726933408
Type: Continuous Width: 9 Format: Numeric

BSSSCI05: 5th plausible value science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 762.71722412109 Mean: 273.35201987138 Standard deviation:
121.90444068485
Type: Continuous Width: 9 Format: Numeric

BSMALG01: 1st pv algebra**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 11.982202529907 Maximum: 751.74407958984 Mean: 319.39091732689 Standard deviation: 97.254076108264
 Type: Continuous Width: 9 Format: Numeric

BSMALG02: 2nd pv algebra**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 747.23046875 Mean: 316.68164640723 Standard deviation: 97.523896817888
 Type: Continuous Width: 9 Format: Numeric

BSMALG03: 3rd pv algebra**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 24.619220733643 Maximum: 791.37463378906 Mean: 314.38438050315 Standard deviation: 101.09139490127
 Type: Continuous Width: 9 Format: Numeric

BSMALG04: 4th pv algebra**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 31.089792251587 Maximum: 731.40234375 Mean: 318.31669602373 Standard deviation: 97.993199099259
 Type: Continuous Width: 9 Format: Numeric

BSMALG05: 5th pv algebra**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 15.779138565063 Maximum: 745.97064208984 Mean: 314.6581205638 Standard deviation: 97.830466021483
 Type: Continuous Width: 9 Format: Numeric

BSMDAP01: 1st pv data repr.,analysis,probability**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 4247 Minimum: 5 Maximum: 724.57312011719 Mean: 318.12658645395 Standard deviation: 96.924439392391
 Type: Continuous Width: 9 Format: Numeric

BSMDAP02: 2nd pv data repr.,analysis,probability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 35.99670791626 Maximum: 721.95910644531 Mean: 317.83859480536 Standard deviation: 99.452813978261
 Type: Continuous Width: 9 Format: Numeric

BSMDAP03: 3rd pv data repr.,analysis,probability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 37.085250854492 Maximum: 738.4443359375 Mean: 316.3547085932 Standard deviation: 99.034313488896
 Type: Continuous Width: 9 Format: Numeric

BSMDAP04: 4th pv data repr.,analysis,probability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 35.140495300293 Maximum: 722.58551025391 Mean: 318.86174898572 Standard deviation: 97.234075194663
 Type: Continuous Width: 9 Format: Numeric

BSMDAP05: 5th pv data repr.,analysis,probability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 32.202682495117 Maximum: 782.78302001953 Mean: 313.76148421483 Standard deviation: 99.264353450836
 Type: Continuous Width: 9 Format: Numeric

BSMFNS01: 1st pv fractions + number sense

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 793.9931640625 Mean: 288.43354811162 Standard deviation: 106.60393971638

Type: Continuous Width: 9 Format: Numeric

BSMFNS02: 2nd pv fractions + number sense

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 801.79040527344 Mean: 285.32334367174 Standard deviation: 104.01404035723
 Type: Continuous Width: 9 Format: Numeric

BSMFNS03: 3rd pv fractions + number sense

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 7.8990831375122 Maximum: 711.26788330078 Mean: 287.94549747846 Standard deviation: 104.02064884377
 Type: Continuous Width: 9 Format: Numeric

BSMFNS04: 4th pv fractions + number sense

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 736.55883789062 Mean: 286.18205108063 Standard deviation: 105.43708993213
 Type: Continuous Width: 9 Format: Numeric

BSMFNS05: 5th pv fractions + number sense

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 749.21984863281 Mean: 285.51981078346 Standard deviation: 107.37860137508
 Type: Continuous Width: 9 Format: Numeric

BSMGEO01: 1st pv geometry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 776.85711669922 Mean: 263.17163213944 Standard deviation: 118.35915532606
 Type: Continuous Width: 9 Format: Numeric

BSMGEO02: 2nd pv geometry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 770.08599853516 Mean: 263.02236848229 Standard deviation:
 118.20905264033
 Type: Continuous Width: 9 Format: Numeric

BSMGEO03: 3rd pv geometry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 707.13000488281 Mean: 265.06313362586 Standard deviation:
 114.51898201018
 Type: Continuous Width: 9 Format: Numeric

BSMGEO04: 4th pv geometry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 763.06683349609 Mean: 259.52797643701 Standard deviation:
 119.32936955306
 Type: Continuous Width: 9 Format: Numeric

BSMGEO05: 5th pv geometry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 730.26959228516 Mean: 257.70785887347 Standard deviation:
 114.98320976208
 Type: Continuous Width: 9 Format: Numeric

BSMMEA01: 1st pv measurement**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 62.8987159729 Maximum: 755.80505371094 Mean: 307.17588272885 Standard
 deviation: 89.650929009356
 Type: Continuous Width: 9 Format: Numeric

BSMMEA02: 2nd pv measurement**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 4247 Minimum: 53.144130706787 Maximum: 766.35235595703 Mean: 306.88912541888 Standard deviation: 90.938166432244
 Type: Continuous Width: 9 Format: Numeric

BSMMEA03: 3rd pv measurement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 770.40283203125 Mean: 311.70613174043 Standard deviation: 90.035841237082
 Type: Continuous Width: 9 Format: Numeric

BSMMEA04: 4th pv measurement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 767.15386962891 Mean: 307.41572387925 Standard deviation: 92.652362184047
 Type: Continuous Width: 9 Format: Numeric

BSMMEA05: 5th pv measurement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 29.34659576416 Maximum: 717.03393554688 Mean: 307.93125134175 Standard deviation: 89.431174812776
 Type: Continuous Width: 9 Format: Numeric

BSSEAS01: 1st pv earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 847.10150146484 Mean: 259.46054898067 Standard deviation: 131.07262453499
 Type: Continuous Width: 9 Format: Numeric

BSSEAS02: 2nd pv earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 828.69586181641 Mean: 260.14551088034 Standard deviation: 134.75922107547

Type: Continuous Width: 9 Format: Numeric

BSSEAS03: 3rd pv earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 778.34576416016 Mean: 258.21765463903 Standard deviation:
133.50119569229
Type: Continuous Width: 9 Format: Numeric

BSSEAS04: 4th pv earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 792.82214355469 Mean: 258.02785713318 Standard deviation:
134.96545660036
Type: Continuous Width: 9 Format: Numeric

BSSEAS05: 5th pv earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 772.87408447266 Mean: 257.65555261381 Standard deviation:
132.28066290453
Type: Continuous Width: 9 Format: Numeric

BSSLIS01: 1st pv life science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 816.47760009766 Mean: 282.71355055168 Standard deviation:
120.4102733717
Type: Continuous Width: 9 Format: Numeric

BSSLIS02: 2nd pv life science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 731.3857421875 Mean: 279.78236108514 Standard deviation:
119.6386558753
Type: Continuous Width: 9 Format: Numeric

BSSLIS03: 3rd pv life science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 786.70336914062 Mean: 281.21933372278 Standard deviation:
 119.89705026232
 Type: Continuous Width: 9 Format: Numeric

BSSLIS04: 4th pv life science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 787.59735107422 Mean: 283.34069969066 Standard deviation:
 119.96251635796
 Type: Continuous Width: 9 Format: Numeric

BSSLIS05: 5th pv life science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 749.70812988281 Mean: 281.77143772939 Standard deviation:
 119.65474889521
 Type: Continuous Width: 9 Format: Numeric

BSSPHY01: 1st pv physics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 787.32604980469 Mean: 277.42963004623 Standard deviation:
 121.4286122287
 Type: Continuous Width: 9 Format: Numeric

BSSPHY02: 2nd pv physics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 5 Maximum: 775.55157470703 Mean: 273.50648667298 Standard deviation:
 124.96295834864
 Type: Continuous Width: 9 Format: Numeric

BSSPHY03: 3rd pv physics**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 4247 Minimum: 5 Maximum: 731.98571777344 Mean: 274.70701436467 Standard deviation:
122.25823446514
Type: Continuous Width: 9 Format: Numeric

BSSPHY04: 4th pv physics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 803.45404052734 Mean: 277.87796150883 Standard deviation:
125.38130820053
Type: Continuous Width: 9 Format: Numeric

BSSPHY05: 5th pv physics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 739.70202636719 Mean: 274.15104744747 Standard deviation:
124.52518029141
Type: Continuous Width: 9 Format: Numeric

BSSCHE01: 1st pv chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 815.27014160156 Mean: 292.65242717955 Standard deviation:
114.50483859342
Type: Continuous Width: 9 Format: Numeric

BSSCHE02: 2nd pv chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 843.70513916016 Mean: 290.70795221713 Standard deviation:
117.13131360804
Type: Continuous Width: 9 Format: Numeric

BSSCHE03: 3rd pv chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 811.1123046875 Mean: 293.28786815821 Standard deviation:
116.59657930201

Type: Continuous Width: 9 Format: Numeric

BSSCHE04: 4th pv chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 823.25732421875 Mean: 290.39980295436 Standard deviation:
120.81145684187
Type: Continuous Width: 9 Format: Numeric

BSSCHE05: 5th pv chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 747.13409423828 Mean: 290.50363592903 Standard deviation:
116.32287286609
Type: Continuous Width: 9 Format: Numeric

BSSERI01: 1st pv environm.iss.+ resource iss.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 829.97637939453 Mean: 303.9764261824 Standard deviation:
133.72466624084
Type: Continuous Width: 9 Format: Numeric

BSSERI02: 2nd pv environm.iss.+ resource iss.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 829.75463867188 Mean: 301.09920389309 Standard deviation:
134.0675883768
Type: Continuous Width: 9 Format: Numeric

BSSERI03: 3rd pv environm.iss.+ resource iss.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 845.07995605469 Mean: 298.93370673604 Standard deviation:
136.60192218898
Type: Continuous Width: 9 Format: Numeric

BSSERI04: 4th pv environm.iss.+ resource iss.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 825.24145507812 Mean: 297.03486042638 Standard deviation: 135.84860693532
 Type: Continuous Width: 9 Format: Numeric

BSSERI05: 5th pv environm.iss.+ resource iss.

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 822.15844726562 Mean: 302.92624194195 Standard deviation: 135.41886745371
 Type: Continuous Width: 9 Format: Numeric

ITSEX: sex of students

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4241 Minimum: 1 Maximum: 2 Mean: 1.4956378212686 Standard deviation: 0.50003992757878
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	girl	2139	50.4%
2	boy	2102	49.6%
9	omitted	0	

ILRELIAB: reliability coding status

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
-------	----------

0	student's booklet not used for r-scoring
1	student's booklet was used for r-scoring
9	omitted

BSMSCPT: raw score on math items

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0 Maximum: 57 Mean: 7.4224158229338 Standard deviation: 6.6605005125824
 Type: Discrete Width: 8 Format: Numeric

BSSSCPT: raw score on science item

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0 Maximum: 55 Mean: 8.0970096538733 Standard deviation: 6.7551210842294
 Type: Discrete Width: 8 Format: Numeric

BSMSTDR: standardized math raw score (50, 10)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 35.133304595947 Maximum: 116.07933044434 Mean: 50.242755059048 Standard deviation: 10.095019428437
 Type: Continuous Width: 9 Format: Numeric

BSSSTDR: standardized science raw score (50, 10)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 28.631483078003 Maximum: 115.40383911133 Mean: 50.273812546628 Standard deviation: 10.177831982579
 Type: Continuous Width: 9 Format: Numeric

BSMNRSC: national math rasch score (150, 10)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 122.82263946533 Maximum: 216.5595703125 Mean: 150.21039815193 Standard deviation: 10.105228412428
 Type: Continuous Width: 9 Format: Numeric

BSSNRSC: national science rasch score (150, 10)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 121.65438842773 Maximum: 205.24528503418 Mean: 150.24627359317 Standard deviation: 10.116291573186
 Type: Continuous Width: 9 Format: Numeric

FILTER__ : (exdept = 'b') & (bsbgpop=2) (filter)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4136 Minimum: 0 Maximum: 1 Mean: 0.010396518375242 Standard deviation: 0.10144416648637
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	not selected	4093	99%
1	selected	43	1%

BSMIBM01: maths benchmark pv1

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.1878973392983 Standard deviation: 0.60107807120024
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3769	88.7%
2	at or above 400 but below 475	259	6.1%
3	at or above 475 but below 550	140	3.3%
4	at or above 550 but below 625	57	1.3%
5	at or above 625	22	0.5%

BSMIBM02: maths benchmark pv2**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.1951966093713 Standard deviation: 0.62435685436296
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3765	88.7%
2	at or above 400 but below 475	257	6.1%
3	at or above 475 but below 550	128	3%
4	at or above 550 but below 625	72	1.7%
5	at or above 625	25	0.6%

BSMIBM03: maths benchmark pv3**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.1930774664469 Standard deviation: 0.62104641715748
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3770	88.8%
2	at or above 400 but below 475	252	5.9%
3	at or above 475 but below 550	134	3.2%
4	at or above 550 but below 625	64	1.5%
5	at or above 625	27	0.6%

BSMIBM04: maths benchmark pv4**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2010831174947 Standard deviation: 0.62757242961921
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3739	88%
2	at or above 400 but below 475	283	6.7%
3	at or above 475 but below 550	132	3.1%
4	at or above 550 but below 625	65	1.5%
5	at or above 625	28	0.7%

BSMIBM05: maths benchmark pv5

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.1904874028726 Standard deviation: 0.61172706930371
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3771	88.8%
2	at or above 400 but below 475	255	6%
3	at or above 475 but below 550	131	3.1%
4	at or above 550 but below 625	68	1.6%
5	at or above 625	22	0.5%

BSSIBM01: science benchmark pv1

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2453496585825 Standard deviation: 0.69218530972889
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3637	85.6%
2	at or above 400 but below 475	335	7.9%

3	at or above 475 but below 550	153	3.6%
4	at or above 550 but below 625	87	2%
5	at or above 625	35	0.8%

BSSIBM02: science benchmark pv2

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2349894042854 Standard deviation: 0.6827876028658
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3669	86.4%
2	at or above 400 but below 475	308	7.3%
3	at or above 475 but below 550	158	3.7%
4	at or above 550 but below 625	74	1.7%
5	at or above 625	38	0.9%

BSSIBM03: science benchmark pv3

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2349894042854 Standard deviation: 0.6762021228923
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3657	86.1%
2	at or above 400 but below 475	328	7.7%
3	at or above 475 but below 550	151	3.6%
4	at or above 550 but below 625	76	1.8%
5	at or above 625	35	0.8%

BSSIBM04: science benchmark pv4**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2314574994113 Standard deviation: 0.66283431971571
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3655	86.1%
2	at or above 400 but below 475	337	7.9%
3	at or above 475 but below 550	147	3.5%
4	at or above 550 but below 625	80	1.9%
5	at or above 625	28	0.7%

BSSIBM05: science benchmark pv5**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 5 Mean: 1.2432305156581 Standard deviation: 0.69106110040637
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	below 400	3645	85.8%
2	at or above 400 but below 475	328	7.7%
3	at or above 475 but below 550	152	3.6%
4	at or above 550 but below 625	87	2%
5	at or above 625	35	0.8%

IDTEACH: teacher id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 101 Maximum: 209801 Mean: 19855.670591005 Standard deviation: 27376.47601348
 Type: Continuous Width: 12 Format: Numeric

IDLINK: teacher link number**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 3 Mean: 1.0567459383094 Standard deviation: 0.24903214860339
 Type: Discrete Width: 8 Format: Numeric

ITGRADE: grade id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 0
 Type: Continuous Width: 8 Format: Numeric

ILCLASS1: first class id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 999998 Maximum: 999998 Mean: 999998 Standard deviation: 0
 Type: Discrete Width: 12 Format: Numeric

ILCLASS2: second class id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 999998 Maximum: 999998 Mean: 999998 Standard deviation: 0
 Type: Discrete Width: 12 Format: Numeric

ILCLASS3: third class id**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 999998 Maximum: 999998 Mean: 999998 Standard deviation: 0
 Type: Discrete Width: 12 Format: Numeric

BTBGAGE: gen\age of teacher**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3663 Minimum: 1 Maximum: 6 Mean: 3.01638001638 Standard deviation: 0.83920478064033
 Type: Discrete Width: 8 Format: Numeric

BTBGSEX: gen\sex of teacher**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3663 Minimum: 1 Maximum: 2 Mean: 1.5883155883156 Standard deviation: 0.49220574527318
 Type: Discrete Width: 8 Format: Numeric

BTBGTAUT: gen\years been teaching**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3506 Minimum: 1 Maximum: 36 Mean: 10.522532800913 Standard deviation: 6.7944073651268
 Type: Discrete Width: 8 Format: Numeric

BTBGFEDC: gen\level of formal education completed**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3537 Minimum: 2 Maximum: 6 Mean: 4.2606728866271 Standard deviation: 0.80187485315803
 Type: Discrete Width: 8 Format: Numeric

BTBGYTTR: gen\years of teacher training**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3514 Minimum: 1 Maximum: 7 Mean: 3.8346613545817 Standard deviation: 1.2834688983535
 Type: Discrete Width: 8 Format: Numeric

BTBMPSMA: mat\major area of study\mathematics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2825 Minimum: 1 Maximum: 2 Mean: 1.1543362831858 Standard deviation: 0.36133476417687
 Type: Discrete Width: 8 Format: Numeric

BTBMPSEM: mat\major area of study\education maths**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 2033 Minimum: 1 Maximum: 2 Mean: 1.2498770290212 Standard deviation: 0.43304819910111
 Type: Discrete Width: 8 Format: Numeric

BTBSPSSC: sci\major area of study\sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2168 Minimum: 1 Maximum: 2 Mean: 1.3620848708487 Standard deviation: 0.48071405912209
 Type: Discrete Width: 8 Format: Numeric

BTBSPSED: sci\major area of study\education sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1632 Minimum: 1 Maximum: 2 Mean: 1.5116421568627 Standard deviation: 0.50001765696573
 Type: Discrete Width: 8 Format: Numeric

BTBGPSEG: gen\major area of study\education gen

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1810 Minimum: 1 Maximum: 2 Mean: 1.2966850828729 Standard deviation: 0.45692274144687
 Type: Discrete Width: 8 Format: Numeric

BTBGPSOT: gen\major area of study\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1686 Minimum: 1 Maximum: 2 Mean: 1.1684460260973 Standard deviation: 0.37437293057908
 Type: Discrete Width: 8 Format: Numeric

BTBMRB5A: mat\requirements to become tch\first deg

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1752 Minimum: 1 Maximum: 2 Mean: 1.6946347031963 Standard deviation: 0.46069346966568
 Type: Discrete Width: 8 Format: Numeric

BTBMRBPP: mat\requirements to become tch\prob per**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1625 Minimum: 1 Maximum: 2 Mean: 1.6941538461538 Standard deviation: 0.46090672946118
 Type: Discrete Width: 8 Format: Numeric

BTBMRBEC: mat\requirements to become tch\edu cses**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2281 Minimum: 1 Maximum: 2 Mean: 1.2270933800964 Standard deviation: 0.41904529604326
 Type: Discrete Width: 8 Format: Numeric

BTBMRBMC: mat\requirements to become tch\math cses**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2527 Minimum: 1 Maximum: 2 Mean: 1.1946972694895 Standard deviation: 0.39604584747991
 Type: Discrete Width: 8 Format: Numeric

BTBMRBLE: mat\requirements to become tch\lic exam**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1503 Minimum: 1 Maximum: 2 Mean: 1.7870924817033 Standard deviation: 0.40949905591381
 Type: Discrete Width: 8 Format: Numeric

BTBGTLCE: gen\teaching certificate**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3564 Minimum: 1 Maximum: 2 Mean: 1.0864197530864 Standard deviation: 0.28102230880058
 Type: Discrete Width: 8 Format: Numeric

BTBGTELC: gen\teaching certificate\type**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3189 Minimum: 1 Maximum: 4 Mean: 3.0545625587959 Standard deviation: 1.0677351636945
 Type: Discrete Width: 8 Format: Numeric

BTBMRE01: mat\ready to tch\decimals fract**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3163 Minimum: 1 Maximum: 3 Mean: 1.3186847929181 Standard deviation: 0.47876003687556
Type: Discrete Width: 8 Format: Numeric

BTBMRE02: mat\ready to tch\number\integers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3166 Minimum: 1 Maximum: 2 Mean: 1.2018319646241 Standard deviation: 0.40143084315257
Type: Discrete Width: 8 Format: Numeric

BTBMRE03: mat\ready to tch\algebra\patterns sequ**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3131 Minimum: 1 Maximum: 3 Mean: 1.4225487064836 Standard deviation: 0.50491768896219
Type: Discrete Width: 8 Format: Numeric

BTBMRE04: mat\ready to tch\algebra\smple equat**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3135 Minimum: 1 Maximum: 3 Mean: 1.3263157894737 Standard deviation: 0.53265387366319
Type: Discrete Width: 8 Format: Numeric

BTBMRE05: mat\ready to tch\algebra\equiv present**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3163 Minimum: 1 Maximum: 3 Mean: 1.4426177679418 Standard deviation: 0.60420598464349
Type: Discrete Width: 8 Format: Numeric

BTBMRE06: mat\ready to tch\algebra\attributes**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3123 Minimum: 1 Maximum: 3 Mean: 1.5571565802113 Standard deviation: 0.66498099813235
 Type: Discrete Width: 8 Format: Numeric

BTBMRE07: mat\ready to tch\measurement\estimations

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3101 Minimum: 1 Maximum: 3 Mean: 1.5778781038375 Standard deviation: 0.63815319172145
 Type: Discrete Width: 8 Format: Numeric

BTBMRE08: mat\ready to tch\measurement\computation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3144 Minimum: 1 Maximum: 3 Mean: 1.751272264631 Standard deviation: 0.70168537414072
 Type: Discrete Width: 8 Format: Numeric

BTBMRE09: mat\ready to tch\measurement\measures

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3144 Minimum: 1 Maximum: 3 Mean: 1.8527353689567 Standard deviation: 0.77890099277567
 Type: Discrete Width: 8 Format: Numeric

BTBMRE10: mat\ready to tch\measurement\precision

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3029 Minimum: 1 Maximum: 3 Mean: 1.6761307362166 Standard deviation: 0.70084027982825
 Type: Discrete Width: 8 Format: Numeric

BTBMRE11: mat\ready to tch\geometry\pythagorean

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3109 Minimum: 1 Maximum: 3 Mean: 1.3152138951431 Standard deviation: 0.55954637318554
 Type: Discrete Width: 8 Format: Numeric

BTBMRE12: mat\ready to tch\geometry\congr figures**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3144 Minimum: 1 Maximum: 3 Mean: 1.2919847328244 Standard deviation: 0.50827013971345
 Type: Discrete Width: 8 Format: Numeric

BTBMRE13: mat\ready to tch\geometry\cartesian pl**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3121 Minimum: 1 Maximum: 3 Mean: 1.4370394104454 Standard deviation: 0.63444864114758
 Type: Discrete Width: 8 Format: Numeric

BTBMRE14: mat\ready to tch\geometry\translation**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3134 Minimum: 1 Maximum: 3 Mean: 1.8162093171666 Standard deviation: 0.75547508250333
 Type: Discrete Width: 8 Format: Numeric

BTBMRE15: mat\ready to tch\data\sources of error**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3113 Minimum: 1 Maximum: 3 Mean: 1.8731127529714 Standard deviation: 0.69585615586885
 Type: Discrete Width: 8 Format: Numeric

BTBMRE16: mat\ready to tch\data\data collection**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3083 Minimum: 1 Maximum: 3 Mean: 1.77781381771 Standard deviation: 0.68230686335816
 Type: Discrete Width: 8 Format: Numeric

BTBMRE17: mat\ready to tch\data\characteristics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3109 Minimum: 1 Maximum: 3 Mean: 1.5529109038276 Standard deviation: 0.65035040459104
 Type: Discrete Width: 8 Format: Numeric

BTBMRE18: mat\ready to tch\data\simple probability**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3126 Minimum: 1 Maximum: 3 Mean: 1.8589251439539 Standard deviation: 0.71928542061881
Type: Discrete Width: 8 Format: Numeric

BTBGWTNP: gen\scheduled periods altogether**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3521 Minimum: 1 Maximum: 76 Mean: 26.327179778472 Standard deviation: 14.711806182907
Type: Discrete Width: 8 Format: Numeric

BTBMSPTM: mat\periods assigned\tch maths**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3538 Minimum: 1 Maximum: 54 Mean: 18.622950819672 Standard deviation: 13.219478012531
Type: Discrete Width: 8 Format: Numeric

BTBSSPTS: sci\periods assigned\tch science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1333 Minimum: 0 Maximum: 30 Mean: 6.1147786946737 Standard deviation: 6.5957625205896
Type: Discrete Width: 8 Format: Numeric

BTBGSPTO: gen\periods assigned\tch other subjects**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1945 Minimum: 0 Maximum: 48 Mean: 10.621593830334 Standard deviation: 9.9859338587042
Type: Discrete Width: 8 Format: Numeric

BTBGSPOD: gen\periods assigned\perf other duties**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 1421 Minimum: 0 Maximum: 16 Mean: 3.7846586910626 Standard deviation: 4.0282545725204
 Type: Discrete Width: 8 Format: Numeric

BTBGSPTT: gen\periods assigned\total

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2900 Minimum: 0 Maximum: 76 Mean: 29.058965517241 Standard deviation: 14.430297991961
 Type: Discrete Width: 8 Format: Numeric

BTBGMITY: gen\minutes in a typical period

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 25 Maximum: 999 Mean: 227.59406639981 Standard deviation: 376.24953829348
 Type: Discrete Width: 8 Format: Numeric

BTBGOHGT: gen\outside school day\grading tests

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3373 Minimum: 1 Maximum: 60 Mean: 6.9878446486807 Standard deviation: 8.6504290863514
 Type: Discrete Width: 8 Format: Numeric

BTBGOHPL: gen\outside school day\planning lessons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3418 Minimum: 1 Maximum: 50 Mean: 4.7805734347572 Standard deviation: 6.6487929128637
 Type: Discrete Width: 8 Format: Numeric

BTBGOHAT: gen\outside school day\administr tasks

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3166 Minimum: 1 Maximum: 90 Mean: 4.3998736576121 Standard deviation: 8.3385656865645
 Type: Discrete Width: 8 Format: Numeric

BTBGOHOT: gen\outside school day\other**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1758 Minimum: 0 Maximum: 50 Mean: 4.6348122866894 Standard deviation: 6.9480366392681
 Type: Discrete Width: 8 Format: Numeric

BTBGOTDC: gen\interactions teachers\discuss concep**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3577 Minimum: 1 Maximum: 4 Mean: 2.7067374895164 Standard deviation: 0.88540357626896
 Type: Discrete Width: 8 Format: Numeric

BTBGOTPM: gen\interactions teachers\work on prepar**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3592 Minimum: 1 Maximum: 4 Mean: 2.777561247216 Standard deviation: 0.95881079407066
 Type: Discrete Width: 8 Format: Numeric

BTBGOTVT: gen\interactions teachers\visits**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3577 Minimum: 1 Maximum: 4 Mean: 1.5647190383003 Standard deviation: 0.71639234565038
 Type: Discrete Width: 8 Format: Numeric

BTBGOTAT: gen\interactions teachers\inform observ**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3592 Minimum: 1 Maximum: 4 Mean: 1.6862472160356 Standard deviation: 0.78082716682949
 Type: Discrete Width: 8 Format: Numeric

BTBMPDMT: mat\participated develop\math content**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3327 Minimum: 1 Maximum: 2 Mean: 1.3585813044785 Standard deviation: 0.4796560277094
 Type: Discrete Width: 8 Format: Numeric

BTBMPDMP: mat\participated develop\mat pedagogy**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3226 Minimum: 1 Maximum: 2 Mean: 1.539987600744 Standard deviation: 0.4984756918347
 Type: Discrete Width: 8 Format: Numeric

BTBMPDMC: mat\participated develop\mat curriculum**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3250 Minimum: 1 Maximum: 2 Mean: 1.3775384615385 Standard deviation: 0.48484585439239
 Type: Discrete Width: 8 Format: Numeric

BTBMPDIT: mat\participated develop\it into math**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3258 Minimum: 1 Maximum: 2 Mean: 1.6430325352977 Standard deviation: 0.47917864128572
 Type: Discrete Width: 8 Format: Numeric

BTBGPDCCT: gen\participated develop\critical think**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3264 Minimum: 1 Maximum: 2 Mean: 1.3921568627451 Standard deviation: 0.48830616431619
 Type: Discrete Width: 8 Format: Numeric

BTBMPDMA: mat\participated develop\math assessm**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3353 Minimum: 1 Maximum: 2 Mean: 1.2239785266925 Standard deviation: 0.41697002235024
 Type: Discrete Width: 8 Format: Numeric

BTBMADMR: mat\agree\use more than 1 representation**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3583 Minimum: 1 Maximum: 4 Mean: 1.5749372034608 Standard deviation: 0.60788356996821
 Type: Discrete Width: 8 Format: Numeric

BTBMADSA: mat\agree\mathematics should be

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3532 Minimum: 1 Maximum: 4 Mean: 1.9224235560589 Standard deviation: 0.67414610377317
 Type: Discrete Width: 8 Format: Numeric

BTBMADHY: mat\agree\solving maths problems

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3497 Minimum: 1 Maximum: 4 Mean: 1.7294824134973 Standard deviation: 0.63689265572063
 Type: Discrete Width: 8 Format: Numeric

BTBMADME: mat\agree\learning maths memorizing

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3570 Minimum: 1 Maximum: 4 Mean: 3.1703081232493 Standard deviation: 0.82556053638332
 Type: Discrete Width: 8 Format: Numeric

BTBMADDW: mat\agree\different ways to solve probl

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3596 Minimum: 1 Maximum: 4 Mean: 1.4621802002225 Standard deviation: 0.56898428576658
 Type: Discrete Width: 8 Format: Numeric

BTBMADFD: mat\agree\few new discoveries

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3559 Minimum: 1 Maximum: 4 Mean: 2.1719584152852 Standard deviation: 0.71888549872101
 Type: Discrete Width: 8 Format: Numeric

BTBMADRW: mat\agree\modeling real world probl**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3596 Minimum: 1 Maximum: 4 Mean: 1.5789766407119 Standard deviation: 0.62905333958568
 Type: Discrete Width: 8 Format: Numeric

BTBGCURE: gen\thinking abt curr sch\school facil**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3641 Minimum: 1 Maximum: 4 Mean: 1.7335896731667 Standard deviation: 0.91049768768402
 Type: Discrete Width: 8 Format: Numeric

BTBGCUSN: gen\thinking abt curr sch\safe neighborh**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3624 Minimum: 1 Maximum: 4 Mean: 2.5366997792494 Standard deviation: 0.96088544382085
 Type: Discrete Width: 8 Format: Numeric

BTBGCUSA: gen\thinking abt curr sch\feel safe**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3651 Minimum: 1 Maximum: 4 Mean: 2.4344015338263 Standard deviation: 0.89151850868569
 Type: Discrete Width: 8 Format: Numeric

BTBGCUAS: gen\characterize\job satisfaction**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3663 Minimum: 1 Maximum: 4 Mean: 2.8711438711439 Standard deviation: 0.903476492543
 Type: Discrete Width: 8 Format: Numeric

BTBGCHTS: gen\characterize\job satisfaction**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3560 Minimum: 1 Maximum: 5 Mean: 2.7609550561798 Standard deviation: 0.94786442397053
 Type: Discrete Width: 8 Format: Numeric

BTBGCHTU: gen\characterize\tchs understanding**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3607 Minimum: 1 Maximum: 5 Mean: 2.4405322983088 Standard deviation: 0.90309662902137
 Type: Discrete Width: 8 Format: Numeric

BTBGCHTC: gen\characterize\tchs degree of success**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3593 Minimum: 1 Maximum: 5 Mean: 2.6064569997217 Standard deviation: 0.90370589986672
 Type: Discrete Width: 8 Format: Numeric

BTBGCHES: gen\characterize\tchs expectations**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3590 Minimum: 1 Maximum: 5 Mean: 2.2342618384401 Standard deviation: 0.96756910225747
 Type: Discrete Width: 8 Format: Numeric

BTBGCHPS: gen\characterize\parental support**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3590 Minimum: 1 Maximum: 5 Mean: 3.5743732590529 Standard deviation: 1.0955522353713
 Type: Discrete Width: 8 Format: Numeric

BTBGCHPI: gen\characterize\parental involvement**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3590 Minimum: 1 Maximum: 5 Mean: 3.7027855153203 Standard deviation: 1.0716686567705
 Type: Discrete Width: 8 Format: Numeric

BTBGCHSR: gen\characterize\students regards**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3590 Minimum: 1 Maximum: 5 Mean: 3.5033426183844 Standard deviation: 1.1071665391866
 Type: Discrete Width: 8 Format: Numeric

BTBGCHSD: gen\characterize\students desire

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3590 Minimum: 1 Maximum: 5 Mean: 3.0671309192201 Standard deviation: 1.0623920722353
 Type: Discrete Width: 8 Format: Numeric

BTBMSTUD: mat\number of students in the class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4229 Minimum: 0 Maximum: 999 Mean: 303.90943485458 Standard deviation: 422.01405868961
 Type: Discrete Width: 8 Format: Numeric

BTBMTIMT: mat\minutes teach math per week to class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 999 Mean: 434.50435601601 Standard deviation: 336.48923335142
 Type: Discrete Width: 8 Format: Numeric

BTBMTBTC: mat\textbook\use for maths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3569 Minimum: 1 Maximum: 2 Mean: 1.0717287755674 Standard deviation: 0.2580744460233
 Type: Discrete Width: 8 Format: Numeric

BTBMTXBU: mat\textbook\used how in teaching maths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3385 Minimum: 1 Maximum: 2 Mean: 1.6688330871492 Standard deviation: 0.47070249882886
 Type: Discrete Width: 8 Format: Numeric

BTBMPTRH: mat\percentage spent\review homework**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 2 Maximum: 999 Mean: 334.18083352955 Standard deviation: 459.10744960989
 Type: Discrete Width: 8 Format: Numeric

BTBMPTLS: mat\percentage spent\working problems**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 335.80032964445 Standard deviation: 460.70853312224
 Type: Discrete Width: 8 Format: Numeric

BTBMPTYG: mat\percentage spent\working problems**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 2 Maximum: 999 Mean: 341.62820814693 Standard deviation: 459.10859634311
 Type: Discrete Width: 8 Format: Numeric

BTBMPTOO: mat\percentage spent\wkng probl on own**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 1 Maximum: 999 Mean: 340.11396279727 Standard deviation: 459.43080474953
 Type: Discrete Width: 8 Format: Numeric

BTBMPTRT: mat\percentage spent\listen to reteach**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 2 Maximum: 999 Mean: 340.50482693666 Standard deviation: 463.33476045678
 Type: Discrete Width: 8 Format: Numeric

BTBMPTTQ: mat\percentage spent\tests or quizzes**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 333.23640216623 Standard deviation: 459.77542815637
 Type: Discrete Width: 8 Format: Numeric

BTBMPTCM: mat\percentage spent\partic in clsroom**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 354.81563456558 Standard deviation: 471.92002679632
Type: Discrete Width: 8 Format: Numeric

BTBMPTOA: mat\percentage spent\other activities**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 445.25853543678 Standard deviation: 491.65821493471
Type: Discrete Width: 8 Format: Numeric

BTBMASPC: mat\how often ask\practice adding**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3601 Minimum: 1 Maximum: 4 Mean: 1.8858650374896 Standard deviation: 0.95162004124082
Type: Discrete Width: 8 Format: Numeric

BTBMASWF: mat\how often ask\work on fractions**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3579 Minimum: 1 Maximum: 4 Mean: 2.6420787929589 Standard deviation: 0.69625343574049
Type: Discrete Width: 8 Format: Numeric

BTBMASWS: mat\how often ask\work on problems**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3569 Minimum: 1 Maximum: 4 Mean: 2.8559820678061 Standard deviation: 0.83873015251429
Type: Discrete Width: 8 Format: Numeric

BTBMASID: mat\how often ask\interpret data tables**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3586 Minimum: 1 Maximum: 4 Mean: 2.7833240379253 Standard deviation: 0.70198816630029
 Type: Discrete Width: 8 Format: Numeric

BTBMASRR: mat\how often ask\write equatations

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3601 Minimum: 1 Maximum: 4 Mean: 2.7453485143016 Standard deviation: 0.69111113988324
 Type: Discrete Width: 8 Format: Numeric

BTBMASSG: mat\how often ask\work in small groups

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3587 Minimum: 1 Maximum: 4 Mean: 1.8745469751882 Standard deviation: 0.8791356950023
 Type: Discrete Width: 8 Format: Numeric

BTBMASDL: mat\how often ask\relate to daily life

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3571 Minimum: 1 Maximum: 4 Mean: 1.9689162699524 Standard deviation: 0.90772435412483
 Type: Discrete Width: 8 Format: Numeric

BTBMASEA: mat\how often ask\explain answers

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3601 Minimum: 1 Maximum: 4 Mean: 1.9391835601222 Standard deviation: 0.87934337871233
 Type: Discrete Width: 8 Format: Numeric

BTBMASCP: mat\how often ask\decide on own

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3601 Minimum: 1 Maximum: 4 Mean: 2.5148569841711 Standard deviation: 0.8533357993693
 Type: Discrete Width: 8 Format: Numeric

BTBGLT01: gen\limit to teach\different academic ab**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3438 Minimum: 1 Maximum: 5 Mean: 3.7469458987784 Standard deviation: 1.0225623073292
 Type: Discrete Width: 8 Format: Numeric

BTBGLT02: gen\limit to teach\wide range of backgro**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3442 Minimum: 1 Maximum: 5 Mean: 3.5796048808832 Standard deviation: 1.2167923518905
 Type: Discrete Width: 8 Format: Numeric

BTBGLT03: gen\limit to teach\special needs**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3468 Minimum: 1 Maximum: 5 Mean: 2.747693194925 Standard deviation: 1.4168860449881
 Type: Discrete Width: 8 Format: Numeric

BTBGLT04: gen\limit to teach\uninterested students**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3454 Minimum: 1 Maximum: 5 Mean: 3.5440069484655 Standard deviation: 1.1071746830084
 Type: Discrete Width: 8 Format: Numeric

BTBGLT05: gen\limit to teach\low morale among stud**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3431 Minimum: 1 Maximum: 5 Mean: 3.4482658117167 Standard deviation: 1.047914377578
 Type: Discrete Width: 8 Format: Numeric

BTBGLT06: gen\limit to teach\disruptive students**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3370 Minimum: 1 Maximum: 5 Mean: 3.3949554896142 Standard deviation: 1.1246600678107
 Type: Discrete Width: 8 Format: Numeric

BTBGLT07: gen\limit to teach\shortge comp hardware**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3406 Minimum: 1 Maximum: 5 Mean: 3.5581327069877 Standard deviation: 1.6331720730741
 Type: Discrete Width: 8 Format: Numeric

BTBGLT08: gen\limit to teach\shortge comp software**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3387 Minimum: 1 Maximum: 5 Mean: 3.5187481547092 Standard deviation: 1.6391510462566
 Type: Discrete Width: 8 Format: Numeric

BTBGLT09: gen\limit to teach\support computer use**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3406 Minimum: 1 Maximum: 5 Mean: 3.635349383441 Standard deviation: 1.598558816264
 Type: Discrete Width: 8 Format: Numeric

BTBGLT10: gen\limit to teach\textbooks for student**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3368 Minimum: 1 Maximum: 5 Mean: 3.5691805225653 Standard deviation: 1.3652613312463
 Type: Discrete Width: 8 Format: Numeric

BTBGLT11: gen\limit to teach\instruc equipment**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3458 Minimum: 1 Maximum: 5 Mean: 3.8860613071139 Standard deviation: 1.2826142303177
 Type: Discrete Width: 8 Format: Numeric

BTBGLT12: gen\limit to teach\demonstrati equipment**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3458 Minimum: 1 Maximum: 5 Mean: 3.7674956622325 Standard deviation: 1.2965170530079
 Type: Discrete Width: 8 Format: Numeric

BTBGLT13: gen\limit to teach\inadequate physical f

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3385 Minimum: 1 Maximum: 5 Mean: 3.6454948301329 Standard deviation: 1.3564696778936
 Type: Discrete Width: 8 Format: Numeric

BTBGLT14: gen\limit to teach\high student teacher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3440 Minimum: 1 Maximum: 5 Mean: 3.9142441860465 Standard deviation: 1.3596715084533
 Type: Discrete Width: 8 Format: Numeric

BTBMCNUM: mat\percentage of teaching spent\student

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 5 Maximum: 999 Mean: 210.84647986814 Standard deviation: 384.16578017416
 Type: Discrete Width: 8 Format: Numeric

BTBMCGEO: mat\percentage of teaching spent\geometr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 206.76524605604 Standard deviation: 380.84100509421
 Type: Discrete Width: 8 Format: Numeric

BTBMCALG: mat\percentage of teaching spent\algebra

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 207.21191429244 Standard deviation: 380.66234367967
 Type: Discrete Width: 8 Format: Numeric

BTBMCDAT: mat\percentage of teaching spent\data**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 228.43489522016 Standard deviation: 404.68471522277
 Type: Discrete Width: 8 Format: Numeric

BTBMCMEA: mat\percentage of teaching spent\measurm**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 218.74334824582 Standard deviation: 398.38137776528
 Type: Discrete Width: 8 Format: Numeric

BTBMCOTH: mat\percentage of teaching spent\other**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 999 Mean: 595.89545561573 Standard deviation: 484.4994035741
 Type: Discrete Width: 8 Format: Numeric

BTBMT001: mat\taught topic\number\whole numbers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3497 Minimum: 1 Maximum: 3 Mean: 1.9788390048613 Standard deviation: 0.5397352109405
 Type: Discrete Width: 8 Format: Numeric

BTBMT002: mat\taught topic\number\computations est**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3418 Minimum: 1 Maximum: 3 Mean: 2.1143943826799 Standard deviation: 0.6630583789699
 Type: Discrete Width: 8 Format: Numeric

BTBMT003: mat\taught topic\number\common fractions**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3535 Minimum: 1 Maximum: 3 Mean: 1.8577086280057 Standard deviation: 0.61102570853702
 Type: Discrete Width: 8 Format: Numeric

BTBMT004: mat\taught topic\number\decimal fraction**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3520 Minimum: 1 Maximum: 3 Mean: 1.9579545454545 Standard deviation: 0.70676053212259
Type: Discrete Width: 8 Format: Numeric

BTBMT005: mat\taught topic\number\representing dec**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3511 Minimum: 1 Maximum: 3 Mean: 2.0549700939903 Standard deviation: 0.70294268972037
Type: Discrete Width: 8 Format: Numeric

BTBMT006: mat\taught topic\number\compute fraction**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3498 Minimum: 1 Maximum: 3 Mean: 2.1495140080046 Standard deviation: 0.67404263838185
Type: Discrete Width: 8 Format: Numeric

BTBMT007: mat\taught topic\number\compute decimals**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3494 Minimum: 1 Maximum: 3 Mean: 2.1482541499714 Standard deviation: 0.71649901728718
Type: Discrete Width: 8 Format: Numeric

BTBMT008: mat\taught topic\number\integers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3523 Minimum: 1 Maximum: 3 Mean: 1.9469202384332 Standard deviation: 0.45372897666626
Type: Discrete Width: 8 Format: Numeric

BTBMT009: mat\taught topic\number\ratios**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3401 Minimum: 1 Maximum: 3 Mean: 2.2763892972655 Standard deviation: 0.66336797981087
 Type: Discrete Width: 8 Format: Numeric

BTBMT010: mat\taught topic\number\conversion perce

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3520 Minimum: 1 Maximum: 3 Mean: 2.0693181818182 Standard deviation: 0.66262336616426
 Type: Discrete Width: 8 Format: Numeric

BTBMT011: mat\taught topic\algebra\numeric pattern

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3453 Minimum: 1 Maximum: 3 Mean: 2.1120764552563 Standard deviation: 0.56491326968318
 Type: Discrete Width: 8 Format: Numeric

BTBMT012: mat\taught topic\algebra\sum variables

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3495 Minimum: 1 Maximum: 3 Mean: 1.964234620887 Standard deviation: 0.44712697551119
 Type: Discrete Width: 8 Format: Numeric

BTBMT013: mat\taught topic\algebra\linear equation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3376 Minimum: 1 Maximum: 3 Mean: 2.3906990521327 Standard deviation: 0.59171263051185
 Type: Discrete Width: 8 Format: Numeric

BTBMT014: mat\taught topic\algebra\equiv represent

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3461 Minimum: 1 Maximum: 3 Mean: 2.4316671482231 Standard deviation: 0.56871452263224
 Type: Discrete Width: 8 Format: Numeric

BTBMT015: mat\taught topic\algebra\relationships**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3478 Minimum: 1 Maximum: 3 Mean: 2.5894192064405 Standard deviation: 0.6615472027062
 Type: Discrete Width: 8 Format: Numeric

BTBMT016: mat\taught topic\algebra\graph attribute**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3468 Minimum: 1 Maximum: 3 Mean: 2.6026528258362 Standard deviation: 0.56185228554379
 Type: Discrete Width: 8 Format: Numeric

BTBMT017: mat\taught topic\measure\standard units**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3520 Minimum: 1 Maximum: 3 Mean: 2.1477272727273 Standard deviation: 0.72920285613408
 Type: Discrete Width: 8 Format: Numeric

BTBMT018: mat\taught topic\measure\relationships**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3384 Minimum: 1 Maximum: 3 Mean: 2.3909574468085 Standard deviation: 0.72409714193907
 Type: Discrete Width: 8 Format: Numeric

BTBMT019: mat\taught topic\measure\standard tools**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3477 Minimum: 1 Maximum: 3 Mean: 2.2585562266322 Standard deviation: 0.70068147664949
 Type: Discrete Width: 8 Format: Numeric

BTBMT020: mat\taught topic\measure\estimations**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3481 Minimum: 1 Maximum: 3 Mean: 2.3323757540937 Standard deviation: 0.65531453633115
 Type: Discrete Width: 8 Format: Numeric

BTBMT021: mat\taught topic\measure\computations**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3473 Minimum: 1 Maximum: 3 Mean: 2.6256838468183 Standard deviation: 0.61034406159205
Type: Discrete Width: 8 Format: Numeric

BTBMT022: mat\taught topic\measure\mea formulas**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3539 Minimum: 1 Maximum: 3 Mean: 2.3441650183668 Standard deviation: 0.62743184496494
Type: Discrete Width: 8 Format: Numeric

BTBMT023: mat\taught topic\measure\mea irregular**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3539 Minimum: 1 Maximum: 3 Mean: 2.6928510878779 Standard deviation: 0.55635725000533
Type: Discrete Width: 8 Format: Numeric

BTBMT024: mat\taught topic\measure\mea precision**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3482 Minimum: 1 Maximum: 3 Mean: 2.6209075244113 Standard deviation: 0.61802800349681
Type: Discrete Width: 8 Format: Numeric

BTBMT025: mat\taught topic\geometry\angles**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3534 Minimum: 1 Maximum: 3 Mean: 1.9671760045274 Standard deviation: 0.48649826253204
Type: Discrete Width: 8 Format: Numeric

BTBMT026: mat\taught topic\geometry\angle relatio**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3534 Minimum: 1 Maximum: 3 Mean: 2.0285795132994 Standard deviation: 0.4835573989098
 Type: Discrete Width: 8 Format: Numeric

BTBMT027: mat\taught topic\geometry\bisectors

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3405 Minimum: 1 Maximum: 3 Mean: 2.4660792951542 Standard deviation: 0.63517444854104
 Type: Discrete Width: 8 Format: Numeric

BTBMT028: mat\taught topic\geometry\geom shapes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3464 Minimum: 1 Maximum: 3 Mean: 2.1492494226328 Standard deviation: 0.54954843208624
 Type: Discrete Width: 8 Format: Numeric

BTBMT029: mat\taught topic\geometry\polygons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3408 Minimum: 1 Maximum: 3 Mean: 2.4468896713615 Standard deviation: 0.68622811062866
 Type: Discrete Width: 8 Format: Numeric

BTBMT030: mat\taught topic\geometry\draw triangles

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3458 Minimum: 1 Maximum: 3 Mean: 2.2700983227299 Standard deviation: 0.67298981613028
 Type: Discrete Width: 8 Format: Numeric

BTBMT031: mat\taught topic\geometry\pythagorean th

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3469 Minimum: 1 Maximum: 3 Mean: 2.4024214471029 Standard deviation: 0.59268407412366
 Type: Discrete Width: 8 Format: Numeric

BTBMT032: mat\taught topic\geometry\congruent figu**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3441 Minimum: 1 Maximum: 3 Mean: 2.6149375181633 Standard deviation: 0.55373788284459
 Type: Discrete Width: 8 Format: Numeric

BTBMT033: mat\taught topic\geometry\similarity**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3400 Minimum: 1 Maximum: 3 Mean: 2.5826470588235 Standard deviation: 0.57678338668907
 Type: Discrete Width: 8 Format: Numeric

BTBMT034: mat\taught topic\geometry\cartesian plan**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3441 Minimum: 1 Maximum: 3 Mean: 2.6219122348155 Standard deviation: 0.60643540499757
 Type: Discrete Width: 8 Format: Numeric

BTBMT035: mat\taught topic\geometry\relation 2d 3d**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3461 Minimum: 1 Maximum: 3 Mean: 2.6963305403063 Standard deviation: 0.54820869561557
 Type: Discrete Width: 8 Format: Numeric

BTBMT036: mat\taught topic\geometry\2d symmetry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3417 Minimum: 1 Maximum: 3 Mean: 2.6736903716711 Standard deviation: 0.55207845629116
 Type: Discrete Width: 8 Format: Numeric

BTBMT037: mat\taught topic\geometry\translation**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3441 Minimum: 1 Maximum: 3 Mean: 2.7553036907876 Standard deviation: 0.50057110048468
 Type: Discrete Width: 8 Format: Numeric

BTBMT038: mat\taught topic\data\organizing data**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3501 Minimum: 1 Maximum: 3 Mean: 2.3513281919452 Standard deviation: 0.6242404124574
Type: Discrete Width: 8 Format: Numeric

BTBMT039: mat\taught topic\data\sources of error**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3431 Minimum: 1 Maximum: 3 Mean: 2.5281259108132 Standard deviation: 0.65621848242661
Type: Discrete Width: 8 Format: Numeric

BTBMT040: mat\taught topic\data\data collection**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3440 Minimum: 1 Maximum: 3 Mean: 2.4752906976744 Standard deviation: 0.62512568304254
Type: Discrete Width: 8 Format: Numeric

BTBMT041: mat\taught topic\data\drawing graphs**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3523 Minimum: 1 Maximum: 3 Mean: 2.4226511495884 Standard deviation: 0.59088102495427
Type: Discrete Width: 8 Format: Numeric

BTBMT042: mat\taught topic\data\characteristics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3461 Minimum: 1 Maximum: 3 Mean: 2.5466628142155 Standard deviation: 0.60911049414401
Type: Discrete Width: 8 Format: Numeric

BTBMT043: mat\taught topic\data\interpreting data**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3462 Minimum: 1 Maximum: 3 Mean: 2.5418833044483 Standard deviation: 0.62580244259306
 Type: Discrete Width: 8 Format: Numeric

BTBMT044: mat\taught topic\data\evaluating interpr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3461 Minimum: 1 Maximum: 3 Mean: 2.5900028893383 Standard deviation: 0.60946629262114
 Type: Discrete Width: 8 Format: Numeric

BTBMT045: mat\taught topic\data\simple probability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3480 Minimum: 1 Maximum: 3 Mean: 2.6841954022989 Standard deviation: 0.58826571613633
 Type: Discrete Width: 8 Format: Numeric

BTBMCAML: mat\calculator\use permitted for std

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3530 Minimum: 1 Maximum: 3 Mean: 1.8736543909348 Standard deviation: 0.55465005557344
 Type: Discrete Width: 8 Format: Numeric

BTBMHSHC: mat\calculator\avail during maths less

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3383 Minimum: 1 Maximum: 5 Mean: 3.5607449009755 Standard deviation: 0.9473525816251
 Type: Discrete Width: 8 Format: Numeric

BTBMHSGC: mat\calculator\std have it available

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3343 Minimum: 1 Maximum: 5 Mean: 4.6763386180078 Standard deviation: 0.65179363647515
 Type: Discrete Width: 8 Format: Numeric

BTBMCALA: mat\calculator\use\check answers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3274 Minimum: 1 Maximum: 4 Mean: 2.7693952351863 Standard deviation: 0.76768156417862
 Type: Discrete Width: 8 Format: Numeric

BTBMCALR: mat\calculator\use\do routine comput**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3202 Minimum: 1 Maximum: 4 Mean: 3.0593379138039 Standard deviation: 0.91615474553625
 Type: Discrete Width: 8 Format: Numeric

BTBMCALS: mat\calculator\use\solve complex problem**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3234 Minimum: 1 Maximum: 4 Mean: 2.652133580705 Standard deviation: 0.91379946955092
 Type: Discrete Width: 8 Format: Numeric

BTBMCAL: mat\calculator\use\explore nr concepts**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3259 Minimum: 1 Maximum: 4 Mean: 2.8659097882786 Standard deviation: 0.88719188834189
 Type: Discrete Width: 8 Format: Numeric

BTBMCATE: mat\calculator\permitted during tests**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3383 Minimum: 1 Maximum: 3 Mean: 1.6887378066805 Standard deviation: 0.61598097193556
 Type: Discrete Width: 8 Format: Numeric

BTBMCOMA: mat\computer\available in maths less**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3397 Minimum: 1 Maximum: 2 Mean: 1.8707683249926 Standard deviation: 0.33550556698005
 Type: Discrete Width: 8 Format: Numeric

BTBMINTA: mat\computer\access to internet**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1214 Minimum: 1 Maximum: 2 Mean: 1.8056013179572 Standard deviation: 0.39590016711676
Type: Discrete Width: 8 Format: Numeric

BTBMCADM: mat\computer\use\disc maths principle**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1587 Minimum: 1 Maximum: 4 Mean: 3.703213610586 Standard deviation: 0.65344832261753
Type: Discrete Width: 8 Format: Numeric

BTBMCASP: mat\computer\use\practical skills**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1559 Minimum: 1 Maximum: 4 Mean: 3.6940346375882 Standard deviation: 0.65531035192194
Type: Discrete Width: 8 Format: Numeric

BTBMCALI: mat\computer\use\look up ideas**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1517 Minimum: 1 Maximum: 4 Mean: 3.663810151615 Standard deviation: 0.72486154501969
Type: Discrete Width: 8 Format: Numeric

BTBMCAPA: mat\computer\use\process data**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1552 Minimum: 1 Maximum: 4 Mean: 3.7435567010309 Standard deviation: 0.66015626728392
Type: Discrete Width: 8 Format: Numeric

BTBMHMWO: mat\homework\do you assign maths**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3569 Minimum: 1 Maximum: 2 Mean: 1.0243765760717 Standard deviation: 0.15423690890964
 Type: Discrete Width: 8 Format: Numeric

BTBMHWMC: mat\homework\frequency of maths hmw

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3501 Minimum: 1 Maximum: 3 Mean: 1.4233076263925 Standard deviation: 0.67921343114904
 Type: Discrete Width: 8 Format: Numeric

BTBMHWKM: mat\homework\min assign in timss cls

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3473 Minimum: 1 Maximum: 5 Mean: 2.3124100201555 Standard deviation: 0.82376061214455
 Type: Discrete Width: 8 Format: Numeric

BTBMKHCP: mat\assign kinds of homework\problem

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3445 Minimum: 1 Maximum: 3 Mean: 1.4975326560232 Standard deviation: 0.54826011029555
 Type: Discrete Width: 8 Format: Numeric

BTBMKHCG: mat\assign kinds of homework\gather data

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3434 Minimum: 1 Maximum: 3 Mean: 2.0931857891672 Standard deviation: 0.56661682888848
 Type: Discrete Width: 8 Format: Numeric

BTBMKHCA: mat\assign kinds of homework\find applic

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3433 Minimum: 1 Maximum: 3 Mean: 1.9204777162831 Standard deviation: 0.59848546624437
 Type: Discrete Width: 8 Format: Numeric

BTBMHDAM: mat\homework assignments\monitor complet**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3485 Minimum: 1 Maximum: 3 Mean: 1.1400286944046 Standard deviation: 0.38021762346985
 Type: Discrete Width: 8 Format: Numeric

BTBMHDAF: mat\homework assignments\correct assignm**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3485 Minimum: 1 Maximum: 3 Mean: 1.2324246771879 Standard deviation: 0.44364889623855
 Type: Discrete Width: 8 Format: Numeric

BTBMHDAC: mat\homework assignments\have std corr**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3467 Minimum: 1 Maximum: 3 Mean: 1.682145947505 Standard deviation: 0.62495812534864
 Type: Discrete Width: 8 Format: Numeric

BTBMHDAD: mat\homework assignments\use homework**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3467 Minimum: 1 Maximum: 3 Mean: 1.6126334006346 Standard deviation: 0.52429895959663
 Type: Discrete Width: 8 Format: Numeric

BTBMHDAG: mat\homework assignments\contribute**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3464 Minimum: 1 Maximum: 3 Mean: 1.8086027713626 Standard deviation: 0.62808088757118
 Type: Discrete Width: 8 Format: Numeric

BTBMTEEX: mat\test\how often give in maths**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3547 Minimum: 1 Maximum: 5 Mean: 2.700028192839 Standard deviation: 0.7394358448407
 Type: Discrete Width: 8 Format: Numeric

BTBMWFTU: mat\test\item formats used**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3327 Minimum: 1 Maximum: 5 Mean: 2.6982266305981 Standard deviation: 0.79592685604177
 Type: Discrete Width: 8 Format: Numeric

BTBMTEAP: mat\test questions\math applications**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3382 Minimum: 1 Maximum: 3 Mean: 1.3982850384388 Standard deviation: 0.53576881798996
 Type: Discrete Width: 8 Format: Numeric

BTBMTESP: mat\test questions\searching for pattern**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3269 Minimum: 1 Maximum: 3 Mean: 1.8993576017131 Standard deviation: 0.55973870755514
 Type: Discrete Width: 8 Format: Numeric

BTBMTEJU: mat\test questions\explanations justific**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3307 Minimum: 1 Maximum: 3 Mean: 1.8911400060478 Standard deviation: 0.63111746652816
 Type: Discrete Width: 8 Format: Numeric

BTBMPDGT: mat\participated develop\obe gen train**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3542 Minimum: 1 Maximum: 2 Mean: 1.1781479390175 Standard deviation: 0.38269125711422
 Type: Discrete Width: 8 Format: Numeric

BTBMPDTM: mat\participated develop\obe math train**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3443 Minimum: 1 Maximum: 2 Mean: 1.2704037176881 Standard deviation: 0.4442328941832
 Type: Discrete Width: 8 Format: Numeric

BTBMKHPE: mat\assign kinds of homework\prac exer

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3455 Minimum: 1 Maximum: 3 Mean: 1.3516642547033 Standard deviation: 0.56374952718072
 Type: Discrete Width: 8 Format: Numeric

BTBMPOPG: mat\population group

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3599 Minimum: 1 Maximum: 5 Mean: 1.4923589886079 Standard deviation: 1.0961983769614
 Type: Discrete Width: 8 Format: Numeric

BTBMHMLN: mat\home language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3508 Minimum: 1 Maximum: 12 Mean: 6.2608323831243 Standard deviation: 3.3063495079257
 Type: Discrete Width: 8 Format: Numeric

ITCOURSE: mat\name of course

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4247 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	4247	100%

LTBGAGE: gen\age of teacher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3475 Minimum: 1 Maximum: 97 Mean: 3.1876258992806 Standard deviation: 2.3942016356153
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	under 25	86	2.5%
2	25-29	477	13.7%
3	30-39	1977	56.9%
4	40-49	782	22.5%
5	50-59	125	3.6%
6	60 or older	25	0.7%
9	omitted	1	0%

LTBGSEX: gen\sex of teacher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3501 Minimum: 1 Maximum: 2 Mean: 1.5655526992288 Standard deviation: 0.49575502462031
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	female	1521	43.4%
2	male	1980	56.6%
9	omitted	0	

LTBGTAUT: gen\years been teaching

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3333 Minimum: 1 Maximum: 34 Mean: 11.035703570357 Standard deviation: 6.5009638050597
 Type: Discrete Width: 8 Format: Numeric

LTBGFEDC: gen\level of formal education completed

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3319 Minimum: 1 Maximum: 6 Mean: 4.3380536306116 Standard deviation: 0.81773290788365
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	did not compl gr12	20	0.6%
2	finished gr12	60	1.8%
3	finished post-matric cert	128	3.9%
4	finished diploma	1991	60%
5	first degree	810	24.4%
6	finished honours degree or higher	310	9.3%
9	omitted	0	

LTBGYTTR: gen\years of teacher training

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3261 Minimum: 1 Maximum: 7 Mean: 4.0297454768476 Standard deviation: 1.5216348457859
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	0 years	304	9.3%
2	1 year	196	6%
3	2 years	294	9%
4	3 years	1509	46.3%
5	4 years	505	15.5%
6	5 years	169	5.2%
7	more than 5 years	284	8.7%
99	omitted	0	

LTBSPSBI: sci\major area of study\biology

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2062 Minimum: 1 Maximum: 2 Mean: 1.4243452958293 Standard deviation: 0.49436311448303
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1187	57.6%
2	no	875	42.4%
9	omitted	0	

LTBSPSPH: sci\major area of study\physics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1566 Minimum: 1 Maximum: 2 Mean: 1.5530012771392 Standard deviation: 0.49734174775086
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	700	44.7%
2	no	866	55.3%
9	omitted	0	

LTBSPSCH: sci\major area of study\chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2351 Minimum: 1 Maximum: 2 Mean: 1.2305401956614 Standard deviation: 0.42126820382487
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1809	76.9%
2	no	542	23.1%
9	omitted	0	

LTBSPSES: sci\major area of study\earth science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1976 Minimum: 1 Maximum: 2 Mean: 1.288967611336 Standard deviation: 0.45339757830599
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1405	71.1%
2	no	571	28.9%
9	omitted	0	

LTBSPSED: sci\major area of study\education sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1577 Minimum: 1 Maximum: 2 Mean: 1.3538363982245 Standard deviation: 0.4783108562932
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1019	64.6%
2	no	558	35.4%
9	omitted	0	

LTBMPSMA: mat\major area of study\mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1394 Minimum: 1 Maximum: 2 Mean: 1.461262553802 Standard deviation: 0.49867604895212
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	751	53.9%
2	no	643	46.1%
9	omitted	0	

LTBMPSEM: mat\major area of study\education maths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1831 Minimum: 1 Maximum: 2 Mean: 1.1840524303659 Standard deviation: 0.38763281240054
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1494	81.6%
2	no	337	18.4%
9	omitted	0	

LTBGPSEG: gen\major area of study\education gen

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1218 Minimum: 1 Maximum: 2 Mean: 1.2988505747126 Standard deviation: 0.45794222921181
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	854	70.1%
2	no	364	29.9%
9	omitted	0	

LTBSRB5A: sci\requirements to become tch\1st deg

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1532 Minimum: 1 Maximum: 2 Mean: 1.6729765013055 Standard deviation: 0.46927910523631

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	501	32.7%
2	no	1031	67.3%
9	omitted	0	

LTBSRBPP: sci\requirements to become tch\prob per

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1204 Minimum: 1 Maximum: 2 Mean: 1.6910299003322 Standard deviation: 0.46226080999998
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	372	30.9%
2	no	832	69.1%
9	omitted	0	

LTBSRBEC: sci\requirements to become tch\edu cses

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1620 Minimum: 1 Maximum: 2 Mean: 1.2913580246914 Standard deviation: 0.45452838697715
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1148	70.9%
2	no	472	29.1%
9	omitted	0	

LTBSRBSC: sci\requirements to become tch\sci cses**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1721 Minimum: 1 Maximum: 2 Mean: 1.321905868681 Standard deviation: 0.4673429028118
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1167	67.8%
2	no	554	32.2%
9	omitted	0	

LTBSRBLE: sci\requirements to become tch\lic exam**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1224 Minimum: 1 Maximum: 2 Mean: 1.7630718954248 Standard deviation: 0.42537160866285
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	290	23.7%
2	no	934	76.3%
9	omitted	0	

LTBGTLCE: gen\teaching diploma**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2946 Minimum: 1 Maximum: 2 Mean: 1.0631364562118 Standard deviation: 0.24324952020787
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2760	93.7%

2	no	186	6.3%
9	omitted	0	

LTBGTELC: gen\teaching diploma\type

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2614 Minimum: 1 Maximum: 4 Mean: 2.7371843917368 Standard deviation: 1.0389368843415
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	post grad	261	10%
2	higher diploma	1061	40.6%
3	prov diploma of edu	396	15.1%
4	other	896	34.3%
6	logically not applicable	0	
9	omitted	0	

LTBSFR01: sci\ready\biology\major organs

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3017 Minimum: 1 Maximum: 3 Mean: 1.4557507457739 Standard deviation: 0.6298137499312
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1866	61.8%
2	ready	927	30.7%
3	not ready	224	7.4%
9	omitted	0	

LTBSFR02: sci\ready\biology\cells and functions

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2987 Minimum: 1 Maximum: 3 Mean: 1.4660194174757 Standard deviation: 0.63216448756753
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1820	60.9%
2	ready	942	31.5%
3	not ready	225	7.5%
9	omitted	0	

LTBSFR03: sci\ready\biology\reproduction

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2989 Minimum: 1 Maximum: 3 Mean: 1.5081967213115 Standard deviation: 0.65783537680374
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1743	58.3%
2	ready	973	32.6%
3	not ready	273	9.1%
9	omitted	0	

LTBSFR04: sci\ready\biology\survival extinction

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2958 Minimum: 1 Maximum: 3 Mean: 1.684584178499 Standard deviation: 0.69994855565819
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1338	45.2%

2	ready	1215	41.1%
3	not ready	405	13.7%
9	omitted	0	

LTBSFR05: sci\ready\biology\interaction

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2965 Minimum: 1 Maximum: 3 Mean: 1.5237774030354 Standard deviation: 0.66672748366811
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1701	57.4%
2	ready	975	32.9%
3	not ready	289	9.7%
9	omitted	0	

LTBSFR06: sci\ready\chemistry\classification

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2990 Minimum: 1 Maximum: 3 Mean: 1.4347826086957 Standard deviation: 0.54036857447943
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1759	58.8%
2	ready	1162	38.9%
3	not ready	69	2.3%
9	omitted	0	

LTBSFR07: sci\ready\chemistry\particulate stru

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2970 Minimum: 1 Maximum: 3 Mean: 1.437373737373737 Standard deviation: 0.53846691646296
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1736	58.5%
2	ready	1169	39.4%
3	not ready	65	2.2%
9	omitted	0	

LTBSFR08: sci\ready\chemistry\solutions

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2995 Minimum: 1 Maximum: 3 Mean: 1.632387312187 Standard deviation: 0.66656439530786
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1418	47.3%
2	ready	1260	42.1%
3	not ready	317	10.6%
9	omitted	0	

LTBSFR09: sci\ready\chemistry\uses of acids

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3039 Minimum: 1 Maximum: 3 Mean: 1.5699243172096 Standard deviation: 0.65336801059755
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1583	52.1%

2	ready	1180	38.8%
3	not ready	276	9.1%
9	omitted	0	

LTBSFR10: sci\ready\chemistry\chemical change

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2943 Minimum: 1 Maximum: 3 Mean: 1.6918110771322 Standard deviation: 0.65429414771426
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1223	41.6%
2	ready	1404	47.7%
3	not ready	316	10.7%
9	omitted	0	

LTBSFR11: sci\ready\physics\physical states

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3024 Minimum: 1 Maximum: 3 Mean: 1.630291005291 Standard deviation: 0.6713910256576
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1447	47.9%
2	ready	1248	41.3%
3	not ready	329	10.9%
9	omitted	0	

LTBSFR12: sci\ready\physics\energy types

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3011 Minimum: 1 Maximum: 3 Mean: 1.5383593490535 Standard deviation: 0.63306444885711
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1619	53.8%
2	ready	1163	38.6%
3	not ready	229	7.6%
9	omitted	0	

LTBSFR13: sci\ready\physics\properties of light

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2989 Minimum: 1 Maximum: 3 Mean: 1.7373703579793 Standard deviation: 0.73469108767915
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1302	43.6%
2	ready	1170	39.1%
3	not ready	517	17.3%
9	omitted	0	

LTBSFR14: sci\ready\physics\electric circuits

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3061 Minimum: 1 Maximum: 3 Mean: 1.4158771643254 Standard deviation: 0.5895573751824
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1948	63.6%

2	ready	953	31.1%
3	not ready	160	5.2%
9	omitted	0	

LTBSFR15: sci\ready\physics\forces and motion

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2989 Minimum: 1 Maximum: 3 Mean: 1.5406490465038 Standard deviation: 0.63538853307915
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1605	53.7%
2	ready	1152	38.5%
3	not ready	232	7.8%
9	omitted	0	

LTBSFR16: sci\ready\earth sci\earth structure

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3021 Minimum: 1 Maximum: 3 Mean: 2.1059251903343 Standard deviation: 0.7467598750321
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	699	23.1%
2	ready	1303	43.1%
3	not ready	1019	33.7%
9	omitted	0	

LTBSFR17: sci\ready\earth sci\earth processes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2984 Minimum: 1 Maximum: 3 Mean: 2.1156166219839 Standard deviation: 0.76749071206068
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	726	24.3%
2	ready	1187	39.8%
3	not ready	1071	35.9%
9	omitted	0	

LTBSFR18: sci\ready\earth sci\solar system

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3045 Minimum: 1 Maximum: 3 Mean: 2.1110016420361 Standard deviation: 0.74873556246993
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	703	23.1%
2	ready	1301	42.7%
3	not ready	1041	34.2%
9	omitted	0	

LTBSFR19: sci\ready\earth sci\trends in population

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3025 Minimum: 1 Maximum: 3 Mean: 1.8029752066116 Standard deviation: 0.67909380345845
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1054	34.8%

2	ready	1513	50%
3	not ready	458	15.1%
9	omitted	0	

LTBSFR20: sci\ready\earth sci\use of resources

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3013 Minimum: 1 Maximum: 3 Mean: 1.751742449386 Standard deviation: 0.68135463660048
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1166	38.7%
2	ready	1429	47.4%
3	not ready	418	13.9%
9	omitted	0	

LTBSFR21: sci\ready\earth sci\changes in environm

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2997 Minimum: 1 Maximum: 3 Mean: 1.8174841508175 Standard deviation: 0.7195449511657
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very ready	1099	36.7%
2	ready	1346	44.9%
3	not ready	552	18.4%
9	omitted	0	

LTBGWTNP: gen\scheduled periods altogether

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3251 Minimum: 3 Maximum: 77 Mean: 23.69886188865 Standard deviation: 14.78981131402
 Type: Discrete Width: 8 Format: Numeric

LTBSSPTS: sci\formally scheduled\teach science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 718 Minimum: 0 Maximum: 51 Mean: 12 Standard deviation: 10.879202325341
 Type: Discrete Width: 8 Format: Numeric

LTBSSPPS: sci\formally scheduled\physical science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3187 Minimum: 0 Maximum: 48 Mean: 17.626608095388 Standard deviation: 12.26703388812
 Type: Discrete Width: 8 Format: Numeric

LTBSSPTP: sci\formally scheduled\teach physics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 447 Minimum: 0 Maximum: 41 Mean: 8.4250559284116 Standard deviation: 9.4222377181825
 Type: Discrete Width: 8 Format: Numeric

LTBSSPTC: sci\formally scheduled\teach chemistry

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1592 Minimum: 1 Maximum: 53 Mean: 11.942211055276 Standard deviation: 10.404414628263
 Type: Discrete Width: 8 Format: Numeric

LTBGMITY: gen\minutes in a typical period

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3219 Minimum: 1 Maximum: 240 Mean: 43.945945945946 Standard deviation: 20.299578831693
 Type: Discrete Width: 8 Format: Numeric

LTBGOHGT: gen\outside school day\grading tests

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3192 Minimum: 1 Maximum: 72 Mean: 6.6604010025063 Standard deviation: 7.2759951130129
 Type: Discrete Width: 8 Format: Numeric

LTBGOHPL: gen\outside school day\planning lessons

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3194 Minimum: 1 Maximum: 60 Mean: 5.444270507201 Standard deviation: 7.05351962507
 Type: Discrete Width: 8 Format: Numeric

LTBGOHAT: gen\outside school day\administr tasks

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2907 Minimum: 1 Maximum: 90 Mean: 4.2621259029928 Standard deviation: 6.9460674298355
 Type: Discrete Width: 8 Format: Numeric

LTBGOHOT: gen\outside school day\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1407 Minimum: 0 Maximum: 60 Mean: 5.3795309168443 Standard deviation: 8.5233897287571
 Type: Discrete Width: 8 Format: Numeric

LTB GOTDC: gen\interactions teachers\discuss concep

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3485 Minimum: 1 Maximum: 4 Mean: 2.7331420373027 Standard deviation: 0.82195443743155
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never or almost never	179	5.1%
2	2 or 3 times per month	1229	35.3%
3	1-3 times per week	1420	40.7%

4	daily or almost daily	657	18.9%
9	omitted	0	

LTBGOTPM: gen\interactions teachers\instru materl

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3485 Minimum: 1 Maximum: 4 Mean: 2.9107604017217 Standard deviation: 0.95556357535077
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never or almost never	345	9.9%
2	2 or 3 times per month	725	20.8%
3	1-3 times per week	1311	37.6%
4	daily or almost daily	1104	31.7%
9	omitted	0	

LTBGOTVT: gen\interactions teachers\visit to clsrn

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3485 Minimum: 1 Maximum: 4 Mean: 1.6895265423242 Standard deviation: 0.79645953776151
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never or almost never	1714	49.2%
2	2 or 3 times per month	1239	35.6%
3	1-3 times per week	432	12.4%
4	daily or almost daily	100	2.9%
9	omitted	0	

LTBGOTAT: gen\interactions teachers\observation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3450 Minimum: 1 Maximum: 4 Mean: 1.7736231884058 Standard deviation: 0.84936824545929
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never or almost never	1586	46%
2	2 or 3 times per month	1196	34.7%
3	1-3 times per week	531	15.4%
4	daily or almost daily	137	4%
9	omitted	0	

LTBSPDST: sci\participated developm\sci content

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3138 Minimum: 1 Maximum: 2 Mean: 1.3814531548757 Standard deviation: 0.48582081019187
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1941	61.9%
2	no	1197	38.1%
9	omitted	0	

LTBSPDSP: sci\participated developm\sci pedagogy

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3020 Minimum: 1 Maximum: 2 Mean: 1.5794701986755 Standard deviation: 0.49372583938619
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1270	42.1%

2	no	1750	57.9%
9	omitted	0	

LTBSPDSC: sci\participated developm\sci curriculum

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3113 Minimum: 1 Maximum: 2 Mean: 1.3851590106007 Standard deviation: 0.48671104714122
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1914	61.5%
2	no	1199	38.5%
9	omitted	0	

LTBSPDIT: sci\participated developm\it into sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3029 Minimum: 1 Maximum: 2 Mean: 1.6348629910862 Standard deviation: 0.48154805551394
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1106	36.5%
2	no	1923	63.5%
9	omitted	0	

LTBGPDIIN: gen\participated developm\improve skill

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3006 Minimum: 1 Maximum: 2 Mean: 1.4514304723886 Standard deviation: 0.49771820404574
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1649	54.9%
2	no	1357	45.1%
9	omitted	0	

LTBSPDSA: sci\participated developm\sci assessm

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3177 Minimum: 1 Maximum: 2 Mean: 1.2524394082468 Standard deviation: 0.43448034719524
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2375	74.8%
2	no	802	25.2%
9	omitted	0	

LTBSPDOG: sci\participated developm\obe general training

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3389 Minimum: 1 Maximum: 2 Mean: 1.1085866037179 Standard deviation: 0.31116574896184
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3021	89.1%
2	no	368	10.9%
9	omitted	0	

LTBSPDOS: sci\participated developm\obe science training**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3291 Minimum: 1 Maximum: 2 Mean: 1.2026739592829 Standard deviation: 0.40205266223371
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2624	79.7%
2	no	667	20.3%
9	omitted	0	

LTBSADMR: sci\agree\use more than 1 representation**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3341 Minimum: 1 Maximum: 4 Mean: 1.5677940736306 Standard deviation: 0.59987389950404
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1595	47.7%
2	agree	1635	48.9%
3	disagree	71	2.1%
4	disagree a lot	40	1.2%
9	omitted	0	

LTBSADHY: sci\agree\solving sci invol hypothesis**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3324 Minimum: 1 Maximum: 4 Mean: 1.5087244283995 Standard deviation: 0.56870618099848
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1742	52.4%
2	agree	1486	44.7%
3	disagree	83	2.5%
4	disagree a lot	13	0.4%
9	omitted	0	

LTBSADME: sci\agree\learning sci invol memorizing

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3288 Minimum: 1 Maximum: 4 Mean: 3.2442214111922 Standard deviation: 0.71212075807658
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	112	3.4%
2	agree	194	5.9%
3	disagree	1761	53.6%
4	disagree a lot	1221	37.1%
9	omitted	0	

LTBSADCO: sci\agree\cond scientific investigation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3302 Minimum: 1 Maximum: 4 Mean: 1.6150817686251 Standard deviation: 0.66362834737229
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1555	47.1%
2	agree	1515	45.9%
3	disagree	180	5.5%
4	disagree a lot	52	1.6%
9	omitted	0	

LTBSADAN: sci\agree\getting the correct answer

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3322 Minimum: 1 Maximum: 4 Mean: 2.3269114990969 Standard deviation: 0.84850225165119
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	636	19.1%
2	agree	1158	34.9%
3	disagree	1334	40.2%
4	disagree a lot	194	5.8%
9	omitted	0	

LTBSADSC: sci\agree\scientific theories

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3308 Minimum: 1 Maximum: 4 Mean: 2.0725513905683 Standard deviation: 0.7225654966611
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	676	20.4%
2	agree	1792	54.2%
3	disagree	764	23.1%
4	disagree a lot	76	2.3%
9	omitted	0	

LTBSADTA: sci\agree\sci is taught primarily

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3339 Minimum: 1 Maximum: 4 Mean: 1.707097933513 Standard deviation: 0.72189538547225
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1418	42.5%
2	agree	1565	46.9%
3	disagree	272	8.1%
4	disagree a lot	84	2.5%
9	omitted	0	

LTBSADMO: sci\agree\modeling natural phenomena

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3255 Minimum: 1 Maximum: 4 Mean: 1.8030721966206 Standard deviation: 0.58635615951415
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	916	28.1%
2	agree	2091	64.2%
3	disagree	221	6.8%
4	disagree a lot	27	0.8%
9	omitted	0	

LTBSADDI: sci\agree\most scientific discoveries

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3317 Minimum: 1 Maximum: 4 Mean: 3.1781730479349 Standard deviation: 0.69456352824919
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	73	2.2%
2	agree	338	10.2%

3	disagree	1831	55.2%
4	disagree a lot	1075	32.4%
9	omitted	0	

LTBGCURE: gen\current school\needs repair

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3443 Minimum: 1 Maximum: 4 Mean: 1.7290153935521 Standard deviation: 0.9067779127695
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	1800	52.3%
2	agree	984	28.6%
3	disagree	451	13.1%
4	disagree a lot	208	6%
9	omitted	0	

LTBGCUSN: gen\current school\safe neighborhood

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3443 Minimum: 1 Maximum: 4 Mean: 2.5079872204473 Standard deviation: 0.93770683969472
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	437	12.7%
2	agree	1466	42.6%
3	disagree	894	26%
4	disagree a lot	646	18.8%
9	omitted	0	

LTBGCUSA: gen\current school\feel safe at school**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3450 Minimum: 1 Maximum: 4 Mean: 2.496231884058 Standard deviation: 0.90333793794049
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	389	11.3%
2	agree	1547	44.8%
3	disagree	927	26.9%
4	disagree a lot	587	17%
9	omitted	0	

LTBGCUAS: gen\current school\security policies**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3465 Minimum: 1 Maximum: 4 Mean: 2.8401154401154 Standard deviation: 0.89446333172286
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	agree a lot	193	5.6%
2	agree	1128	32.6%
3	disagree	1184	34.2%
4	disagree a lot	960	27.7%
9	omitted	0	

LTBGCHTS: gen\characterize\tchs job satisfaction**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3443 Minimum: 1 Maximum: 5 Mean: 2.8510020331107 Standard deviation: 1.0438614513017
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	273	7.9%
2	high	1058	30.7%
3	medium	1314	38.2%
4	low	505	14.7%
5	very low	293	8.5%
9	omitted	0	

LTBGCHTU: gen\characterize\tchs understanding

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3443 Minimum: 1 Maximum: 5 Mean: 2.4975312227708 Standard deviation: 0.86017325515078
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	374	10.9%
2	high	1431	41.6%
3	medium	1209	35.1%
4	low	409	11.9%
5	very low	20	0.6%
9	omitted	0	

LTBGCHTC: gen\characterize\tchs degree of success

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3443 Minimum: 1 Maximum: 5 Mean: 2.5437118791751 Standard deviation: 0.908378484284
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	very high	394	11.4%
2	high	1293	37.6%
3	medium	1335	38.8%
4	low	332	9.6%
5	very low	89	2.6%
9	omitted	0	

LTBGCHES: gen\characterize\tchs expectations

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3445 Minimum: 1 Maximum: 5 Mean: 2.2391872278665 Standard deviation: 1.0015826216726
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	793	23%
2	high	1520	44.1%
3	medium	783	22.7%
4	low	213	6.2%
5	very low	136	3.9%
9	omitted	0	

LTBGCHPS: gen\characterize\parental support

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3446 Minimum: 1 Maximum: 5 Mean: 3.6131746952989 Standard deviation: 1.0887152878006
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	152	4.4%
2	high	304	8.8%
3	medium	1142	33.1%
4	low	975	28.3%

5	very low	873	25.3%
9	omitted	0	

LTBGCHPI: gen\characterize\parental involvement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3465 Minimum: 1 Maximum: 5 Mean: 3.8051948051948 Standard deviation: 1.0511604845009
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	150	4.3%
2	high	188	5.4%
3	medium	853	24.6%
4	low	1270	36.7%
5	very low	1004	29%
9	omitted	0	

LTBGCHSR: gen\characterize\regard for property

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3454 Minimum: 1 Maximum: 5 Mean: 3.5993051534453 Standard deviation: 1.0634978178459
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	144	4.2%
2	high	273	7.9%
3	medium	1239	35.9%
4	low	965	27.9%
5	very low	833	24.1%
9	omitted	0	

LTBGCHSD: gen\characterize\std desire to do well**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3465 Minimum: 1 Maximum: 5 Mean: 3.0929292929293 Standard deviation: 1.0270696403341
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	231	6.7%
2	high	662	19.1%
3	medium	1452	41.9%
4	low	794	22.9%
5	very low	326	9.4%
9	omitted	0	

LTBSSTUD: sci\number of students in the class**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3270 Minimum: 5 Maximum: 570 Mean: 105.56330275229 Standard deviation: 103.03693854883
 Type: Continuous Width: 8 Format: Numeric

LTBSTIMT: sci\minutes teach sci per week to class**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3243 Minimum: 3 Maximum: 990 Mean: 281.68948504471 Standard deviation: 194.08611226283
 Type: Discrete Width: 8 Format: Numeric

LTBSTBTC: sci\textbook\use for science**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3424 Minimum: 1 Maximum: 2 Mean: 1.0855724299065 Standard deviation: 0.2797724953406
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3131	91.4%
2	no	293	8.6%
9	omitted	0	

LTBSTXBU: sci\textbook\used how in teaching sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3169 Minimum: 1 Maximum: 2 Mean: 1.683811928053 Standard deviation: 0.46506066724002
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	as the primary basis for my lessons	1002	31.6%
2	as a supplementary resource	2167	68.4%
6	logically not applicable	0	
9	omitted	0	

LTBSPTRH: sci\percentage spent\review homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2547 Minimum: 2 Maximum: 80 Mean: 13.138987043581 Standard deviation: 11.185341353251
 Type: Discrete Width: 8 Format: Numeric

LTBSPTLS: sci\percentage spent\listening to pres

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2514 Minimum: 0 Maximum: 95 Mean: 17.560063643596 Standard deviation: 15.428892004025
 Type: Discrete Width: 8 Format: Numeric

LTBSPTYG: sci\percentage spent\working problems

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2556 Minimum: 3 Maximum: 95 Mean: 21.809467918623 Standard deviation: 14.362652847594

Type: Discrete Width: 8 Format: Numeric

LTBSPTOO: sci\percentage spent\wkng probl on own

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2522 Minimum: 5 Maximum: 90 Mean: 18.000396510706 Standard deviation: 12.070548268541
 Type: Discrete Width: 8 Format: Numeric

LTBSPTRT: sci\percentage spent\listen to reteach

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2455 Minimum: 2 Maximum: 90 Mean: 13.249287169043 Standard deviation: 12.493966534969
 Type: Discrete Width: 8 Format: Numeric

LTBSPTTQ: sci\percentage spent\tests or quizzes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2518 Minimum: 1 Maximum: 75 Mean: 14.532168387609 Standard deviation: 11.051957588221
 Type: Discrete Width: 8 Format: Numeric

LTBSPTCM: sci\percentage spent\partic in clsroom

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2364 Minimum: 1 Maximum: 100 Mean: 10.942470389171 Standard deviation: 12.257847909291
 Type: Discrete Width: 8 Format: Numeric

LTBSPTOA: sci\percentage spent\other activities

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1804 Minimum: 1 Maximum: 50 Mean: 10.685144124169 Standard deviation: 10.117314139806
 Type: Discrete Width: 8 Format: Numeric

LTBSCSWD: sci\how often ask\watch me demonstrate

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3430 Minimum: 1 Maximum: 4 Mean: 2.734110787172 Standard deviation: 0.64927198342261
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	273	8%
2	about half the lessons	481	14%
3	some lessons	2561	74.7%
4	never	115	3.4%
9	omitted	0	

LTBSCSFT: sci\how often ask\formulate hypothesis

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3426 Minimum: 1 Maximum: 4 Mean: 2.6564506713368 Standard deviation: 0.77150766044202
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	391	11.4%
2	about half the lessons	637	18.6%
3	some lessons	2156	62.9%
4	never	242	7.1%
9	omitted	0	

LTBSCSDP: sci\how often ask\design or plan

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3387 Minimum: 1 Maximum: 4 Mean: 2.575435488633 Standard deviation: 0.76844828587285
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	401	11.8%
2	about half the lessons	821	24.2%
3	some lessons	1980	58.5%
4	never	185	5.5%
9	omitted	0	

LTBSCSEI: sci\how often ask\conduct experiments

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3447 Minimum: 1 Maximum: 4 Mean: 2.6414273281114 Standard deviation: 0.69464500458769
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	274	7.9%
2	about half the lessons	849	24.6%
3	some lessons	2163	62.8%
4	never	161	4.7%
9	omitted	0	

LTBSCSSG: sci\how often ask\work in small groups

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3403 Minimum: 1 Maximum: 4 Mean: 2.1542756391419 Standard deviation: 0.9036481826747
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1070	31.4%
2	about half the lessons	835	24.5%
3	some lessons	1401	41.2%
4	never	97	2.9%
9	omitted	0	

LTBSCSWE: sci\how often ask\write explanations

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3428 Minimum: 1 Maximum: 4 Mean: 2.1852392065344 Standard deviation: 0.83289761850388
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	876	25.6%
2	about half the lessons	1095	31.9%
3	some lessons	1403	40.9%
4	never	54	1.6%
9	omitted	0	

LTBSCSRO: sci\how often ask\put events or objects

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3385 Minimum: 1 Maximum: 4 Mean: 2.5048744460857 Standard deviation: 0.92383873365629
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	697	20.6%
2	about half the lessons	606	17.9%
3	some lessons	1758	51.9%
4	never	324	9.6%
9	omitted	0	

LTBSCSIT: sci\how often ask\impact of technology

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3406 Minimum: 1 Maximum: 4 Mean: 2.6479741632413 Standard deviation: 0.83409733349321
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	429	12.6%
2	about half the lessons	708	20.8%
3	some lessons	1902	55.8%
4	never	367	10.8%
9	omitted	0	

LTBSCSLN: sci\how often ask\learn about nature

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3369 Minimum: 1 Maximum: 4 Mean: 2.2383496586524 Standard deviation: 0.89893134365222
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	898	26.7%
2	about half the lessons	927	27.5%
3	some lessons	1387	41.2%
4	never	157	4.7%
9	omitted	0	

LTBSCSDL: sci\how often ask\relate to daily life

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3428 Minimum: 1 Maximum: 4 Mean: 1.6966161026838 Standard deviation: 0.8164633581313
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1788	52.2%
2	about half the lessons	924	27%

3	some lessons	684	20%
4	never	32	0.9%
9	omitted	0	

LTBSCSPW: sci\how often ask\present work to class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3428 Minimum: 1 Maximum: 4 Mean: 2.1878646441074 Standard deviation: 0.85051610161111
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	926	27%
2	about half the lessons	984	28.7%
3	some lessons	1466	42.8%
4	never	52	1.5%
9	omitted	0	

LTBGLT01: gen\limit to teach\different academic ab

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3432 Minimum: 1 Maximum: 5 Mean: 3.7520396270396 Standard deviation: 1.0883428482031
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	141	4.1%
2	not at all	281	8.2%
3	a little	874	25.5%
4	some	1128	32.9%
5	a lot	1008	29.4%
9	omitted	0	

LTBGLT02: gen\limit to teach\wide range of backgro**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3404 Minimum: 1 Maximum: 5 Mean: 3.7162162162162 Standard deviation: 1.1654070664709
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	130	3.8%
2	not at all	426	12.5%
3	a little	873	25.6%
4	some	826	24.3%
5	a lot	1149	33.8%
9	omitted	0	

LTBGLT03: gen\limit to teach\special needs**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3389 Minimum: 1 Maximum: 5 Mean: 2.7456476836825 Standard deviation: 1.3697641864949
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	990	29.2%
2	not at all	328	9.7%
3	a little	1046	30.9%
4	some	604	17.8%
5	a lot	421	12.4%
9	omitted	0	

LTBGLT04: gen\limit to teach\uninterested students**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3372 Minimum: 1 Maximum: 5 Mean: 3.7336892052195 Standard deviation: 1.0038272808682

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	61	1.8%
2	not at all	333	9.9%
3	a little	902	26.7%
4	some	1223	36.3%
5	a lot	853	25.3%
9	omitted	0	

LTBGLT05: gen\limit to teach\low morale among stud

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3432 Minimum: 1 Maximum: 5 Mean: 3.6582167832168 Standard deviation: 1.0100180626833
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	124	3.6%
2	not at all	212	6.2%
3	a little	1157	33.7%
4	some	1159	33.8%
5	a lot	780	22.7%
9	omitted	0	

LTBGLT06: gen\limit to teach\disruptive students

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3412 Minimum: 1 Maximum: 5 Mean: 3.4762602579132 Standard deviation: 1.1487284190003
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	246	7.2%
2	not at all	357	10.5%
3	a little	1065	31.2%
4	some	1014	29.7%
5	a lot	730	21.4%
9	omitted	0	

LTBGLT07: gen\limit to teach\shortge comp hardware

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3353 Minimum: 1 Maximum: 5 Mean: 3.9841932597674 Standard deviation: 1.4704895685558
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	415	12.4%
2	not at all	282	8.4%
3	a little	315	9.4%
4	some	270	8.1%
5	a lot	2071	61.8%
9	omitted	0	

LTBGLT08: gen\limit to teach\shortge comp software

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3348 Minimum: 1 Maximum: 5 Mean: 3.9841696535245 Standard deviation: 1.4536110410802
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	415	12.4%
2	not at all	237	7.1%
3	a little	362	10.8%

4	some	306	9.1%
5	a lot	2028	60.6%
9	omitted	0	

LTBGLT09: gen\limit to teach\support computer use

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3318 Minimum: 1 Maximum: 5 Mean: 3.9216395418927 Standard deviation: 1.4708120190715
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	423	12.7%
2	not at all	280	8.4%
3	a little	350	10.5%
4	some	346	10.4%
5	a lot	1919	57.8%
9	omitted	0	

LTBGLT10: gen\limit to teach\textbooks for student

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3353 Minimum: 1 Maximum: 5 Mean: 3.6036385326573 Standard deviation: 1.249610393925
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	204	6.1%
2	not at all	526	15.7%
3	a little	743	22.2%
4	some	802	23.9%
5	a lot	1078	32.2%
9	omitted	0	

LTBGLT11: gen\limit to teach\instruc equipment

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3372 Minimum: 1 Maximum: 5 Mean: 4.0379596678529 Standard deviation: 1.077691199611
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	86	2.6%
2	not at all	262	7.8%
3	a little	594	17.6%
4	some	926	27.5%
5	a lot	1504	44.6%
9	omitted	0	

LTBGLT12: gen\limit to teach\demonstrati equipment

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3372 Minimum: 1 Maximum: 5 Mean: 4.1215895610913 Standard deviation: 1.0555820291839
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	74	2.2%
2	not at all	225	6.7%
3	a little	579	17.2%
4	some	833	24.7%
5	a lot	1661	49.3%
9	omitted	0	

LTBGLT13: gen\limit to teach\inadequate phys facil

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3353 Minimum: 1 Maximum: 5 Mean: 4.0739636146734 Standard deviation: 1.0697144890925
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	81	2.4%
2	not at all	245	7.3%
3	a little	582	17.4%
4	some	882	26.3%
5	a lot	1563	46.6%
9	omitted	0	

LTBGLT14: gen\limit to teach\high student teacher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3350 Minimum: 1 Maximum: 5 Mean: 4.2808955223881 Standard deviation: 1.0759008549011
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	65	1.9%
2	not at all	263	7.9%
3	a little	421	12.6%
4	some	518	15.5%
5	a lot	2083	62.2%
9	omitted	0	

LTBSCLSC: sci\percent of teaching spent\life sci

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3278 Minimum: 0 Maximum: 95 Mean: 26.674496644295 Standard deviation: 14.113923418918
 Type: Discrete Width: 8 Format: Numeric

LTBSCCHE: sci\percent of teaching spent\chemistry**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3320 Minimum: 4 Maximum: 95 Mean: 22.167771084337 Standard deviation: 11.701179905457
 Type: Discrete Width: 8 Format: Numeric

LTBSCPHY: sci\percent of teaching spent\physics**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3305 Minimum: 5 Maximum: 95 Mean: 23.936459909228 Standard deviation: 12.737628197143
 Type: Discrete Width: 8 Format: Numeric

LTBSCESC: sci\percent of teaching spent\earth sci**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3129 Minimum: 0 Maximum: 80 Mean: 14.986257590284 Standard deviation: 10.721068381905
 Type: Discrete Width: 8 Format: Numeric

LTBSCENS: sci\percent of teaching spent\envrnm sci**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3233 Minimum: 1 Maximum: 90 Mean: 17.008969996907 Standard deviation: 12.493918568545
 Type: Discrete Width: 8 Format: Numeric

LTBSCOTH: sci\percent of teaching spent\other**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1295 Minimum: 0 Maximum: 100 Mean: 12.528185328185 Standard deviation: 14.614328924698
 Type: Discrete Width: 8 Format: Numeric

LTBSTO01: sci\taught topic\bio\classification**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3189 Minimum: 1 Maximum: 3 Mean: 2.1470680464095 Standard deviation: 0.7293852549488
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	648	20.3%
2	mostly taught this year	1424	44.7%
3	not yet taught or just introduced	1117	35%
9	omitted	0	

LTBST002: sci\taught topic\bio\major organ systems

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3318 Minimum: 1 Maximum: 3 Mean: 2.0295358649789 Standard deviation: 0.60375308090715
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	557	16.8%
2	mostly taught this year	2106	63.5%
3	not yet taught or just introduced	655	19.7%
9	omitted	0	

LTBST003: sci\taught topic\bio\how system function

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3237 Minimum: 1 Maximum: 3 Mean: 2.1133765832561 Standard deviation: 0.64431304962437
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	509	15.7%
2	mostly taught this year	1852	57.2%
3	not yet taught or just introduced	876	27.1%
9	omitted	0	

LTBST004: sci\taught topic\bio\cell structures**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3274 Minimum: 1 Maximum: 3 Mean: 2.0281001832621 Standard deviation: 0.62717139653316
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	599	18.3%
2	mostly taught this year	1984	60.6%
3	not yet taught or just introduced	691	21.1%
9	omitted	0	

LTBST005: sci\taught topic\bio\photosynthesis**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3265 Minimum: 1 Maximum: 3 Mean: 2.0704441041348 Standard deviation: 0.67013448314888
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	626	19.2%
2	mostly taught this year	1783	54.6%
3	not yet taught or just introduced	856	26.2%
9	omitted	0	

LTBST006: sci\taught topic\bio\life cycles**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3253 Minimum: 1 Maximum: 3 Mean: 2.1241930525669 Standard deviation: 0.74518256155798
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	726	22.3%
2	mostly taught this year	1397	42.9%
3	not yet taught or just introduced	1130	34.7%
9	omitted	0	

LTBST007: sci\taught topic\bio\reproduction

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3316 Minimum: 1 Maximum: 3 Mean: 2.1329915560917 Standard deviation: 0.65961978256081
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	530	16%
2	mostly taught this year	1815	54.7%
3	not yet taught or just introduced	971	29.3%
9	omitted	0	

LTBST008: sci\taught topic\bio\role of variation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3260 Minimum: 1 Maximum: 3 Mean: 2.2242331288344 Standard deviation: 0.76777006673047
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	677	20.8%
2	mostly taught this year	1175	36%
3	not yet taught or just introduced	1408	43.2%
9	omitted	0	

LTBST009: sci\taught topic\bio\interaction ecosyst

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3297 Minimum: 1 Maximum: 3 Mean: 2.0127388535032 Standard deviation: 0.77457022380142
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	968	29.4%
2	mostly taught this year	1319	40%
3	not yet taught or just introduced	1010	30.6%
9	omitted	0	

LTBST010: sci\taught topic\bio\cycling materials

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3336 Minimum: 1 Maximum: 3 Mean: 2.2134292565947 Standard deviation: 0.73467111006993
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	620	18.6%
2	mostly taught this year	1384	41.5%
3	not yet taught or just introduced	1332	39.9%
9	omitted	0	

LTBST011: sci\taught topic\bio\causes of disease

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3338 Minimum: 1 Maximum: 3 Mean: 2.0680047932894 Standard deviation: 0.64436956804519
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	587	17.6%
2	mostly taught this year	1937	58%
3	not yet taught or just introduced	814	24.4%
9	omitted	0	

LTBSTO12: sci\taught topic\bio\preventive medicine

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3294 Minimum: 1 Maximum: 3 Mean: 2.1675774134791 Standard deviation: 0.70946429745204
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	599	18.2%
2	mostly taught this year	1544	46.9%
3	not yet taught or just introduced	1151	34.9%
9	omitted	0	

LTBSTO13: sci\taught topic\che\classification

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3398 Minimum: 1 Maximum: 3 Mean: 1.9493819894055 Standard deviation: 0.64043279591318
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	787	23.2%
2	mostly taught this year	1996	58.7%
3	not yet taught or just introduced	615	18.1%
9	omitted	0	

LTBSTO14: sci\taught topic\che\prop of solutions**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3383 Minimum: 1 Maximum: 3 Mean: 2.0685781850429 Standard deviation: 0.76400580315796
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	879	26%
2	mostly taught this year	1393	41.2%
3	not yet taught or just introduced	1111	32.8%
9	omitted	0	

LTBSTO15: sci\taught topic\che\structure of matter**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3389 Minimum: 1 Maximum: 3 Mean: 1.971377987607 Standard deviation: 0.52903413383008
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	524	15.5%
2	mostly taught this year	2438	71.9%
3	not yet taught or just introduced	427	12.6%
9	omitted	0	

LTBSTO16: sci\taught topic\che\uses of water**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3396 Minimum: 1 Maximum: 3 Mean: 2.0883392226148 Standard deviation: 0.74007885445714
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	793	23.4%
2	mostly taught this year	1510	44.5%
3	not yet taught or just introduced	1093	32.2%
9	omitted	0	

LTBSTO17: sci\taught topic\che\uses of acids

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3357 Minimum: 1 Maximum: 3 Mean: 2.157581173667 Standard deviation: 0.73025040995716
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	672	20%
2	mostly taught this year	1484	44.2%
3	not yet taught or just introduced	1201	35.8%
9	omitted	0	

LTBSTO18: sci\taught topic\che\chemical change

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3401 Minimum: 1 Maximum: 3 Mean: 2.2513966480447 Standard deviation: 0.61262594525577
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	318	9.4%
2	mostly taught this year	1910	56.2%
3	not yet taught or just introduced	1173	34.5%
9	omitted	0	

LTBSTO19: sci\taught topic\che\oxygen in oxidation**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3402 Minimum: 1 Maximum: 3 Mean: 2.1796002351558 Standard deviation: 0.62564621254784
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	415	12.2%
2	mostly taught this year	1961	57.6%
3	not yet taught or just introduced	1026	30.2%
9	omitted	0	

LTBSTO20: sci\taught topic\che\chemical transform**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3379 Minimum: 1 Maximum: 3 Mean: 2.3045279668541 Standard deviation: 0.70135636207803
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	473	14%
2	mostly taught this year	1404	41.6%
3	not yet taught or just introduced	1502	44.5%
9	omitted	0	

LTBSTO21: sci\taught topic\phy\states and changes**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3394 Minimum: 1 Maximum: 3 Mean: 2.0212139068945 Standard deviation: 0.76707838840962
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	963	28.4%
2	mostly taught this year	1396	41.1%
3	not yet taught or just introduced	1035	30.5%
9	omitted	0	

LTBSTO22: sci\taught topic\phy\process of melting

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3351 Minimum: 1 Maximum: 3 Mean: 2.0590868397493 Standard deviation: 0.7910508419477
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	955	28.5%
2	mostly taught this year	1243	37.1%
3	not yet taught or just introduced	1153	34.4%
9	omitted	0	

LTBSTO23: sci\taught topic\phy\energy types

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3301 Minimum: 1 Maximum: 3 Mean: 2.0421084519842 Standard deviation: 0.69350819295027
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	727	22%
2	mostly taught this year	1708	51.7%
3	not yet taught or just introduced	866	26.2%
9	omitted	0	

LTBSTO24: sci\taught topic\phy\thermal expansion**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3277 Minimum: 1 Maximum: 3 Mean: 2.3188892279524 Standard deviation: 0.79868648975063
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	689	21%
2	mostly taught this year	854	26.1%
3	not yet taught or just introduced	1734	52.9%
9	omitted	0	

LTBSTO25: sci\taught topic\phy\basic properties**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3328 Minimum: 1 Maximum: 3 Mean: 2.4350961538462 Standard deviation: 0.67100648671166
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	340	10.2%
2	mostly taught this year	1200	36.1%
3	not yet taught or just introduced	1788	53.7%
9	omitted	0	

LTBSTO26: sci\taught topic\phy\properties of sound**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3280 Minimum: 1 Maximum: 3 Mean: 2.5557926829268 Standard deviation: 0.71318133162564
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	429	13.1%
2	mostly taught this year	599	18.3%
3	not yet taught or just introduced	2252	68.7%
9	omitted	0	

LTBSTO27: sci\taught topic\phy\electric circuits

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3376 Minimum: 1 Maximum: 3 Mean: 1.914691943128 Standard deviation: 0.54308618226681
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	654	19.4%
2	mostly taught this year	2356	69.8%
3	not yet taught or just introduced	366	10.8%
9	omitted	0	

LTBSTO28: sci\taught topic\phy\propert of magnets

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3307 Minimum: 1 Maximum: 3 Mean: 2.1781070456607 Standard deviation: 0.81354514428297
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	852	25.8%
2	mostly taught this year	1014	30.7%
3	not yet taught or just introduced	1441	43.6%
9	omitted	0	

LTBST029: sci\taught topic\phy\forces and motion**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3299 Minimum: 1 Maximum: 3 Mean: 2.1718702637163 Standard deviation: 0.77552571431099
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	757	22.9%
2	mostly taught this year	1218	36.9%
3	not yet taught or just introduced	1324	40.1%
9	omitted	0	

LTBST030: sci\taught topic\phy\effects of density**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3272 Minimum: 1 Maximum: 3 Mean: 2.2866748166259 Standard deviation: 0.76596410855409
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	625	19.1%
2	mostly taught this year	1084	33.1%
3	not yet taught or just introduced	1563	47.8%
9	omitted	0	

LTBST031: sci\taught topic\earth sci\structure**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3355 Minimum: 1 Maximum: 3 Mean: 2.2903129657228 Standard deviation: 0.79226191501015
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	707	21.1%
2	mostly taught this year	967	28.8%
3	not yet taught or just introduced	1681	50.1%
9	omitted	0	

LTBST032: sci\taught topic\earth sci\physicl state

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3249 Minimum: 1 Maximum: 3 Mean: 2.2963988919668 Standard deviation: 0.76716158980727
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	617	19%
2	mostly taught this year	1052	32.4%
3	not yet taught or just introduced	1580	48.6%
9	omitted	0	

LTBST033: sci\taught topic\earth sci\atmosphere

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3220 Minimum: 1 Maximum: 3 Mean: 2.2621118012422 Standard deviation: 0.77887167171743
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	665	20.7%
2	mostly taught this year	1046	32.5%
3	not yet taught or just introduced	1509	46.9%
9	omitted	0	

LTBST034: sci\taught topic\earth sci\water cycle**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3281 Minimum: 1 Maximum: 3 Mean: 2.2688204815605 Standard deviation: 0.75967345665826
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	624	19%
2	mostly taught this year	1151	35.1%
3	not yet taught or just introduced	1506	45.9%
9	omitted	0	

LTBST035: sci\taught topic\earth sci\rock cycle**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3265 Minimum: 1 Maximum: 3 Mean: 2.4526799387443 Standard deviation: 0.77746663335029
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	582	17.8%
2	mostly taught this year	623	19.1%
3	not yet taught or just introduced	2060	63.1%
9	omitted	0	

LTBST036: sci\taught topic\earth sci\weather data**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3336 Minimum: 1 Maximum: 3 Mean: 2.3681055155875 Standard deviation: 0.76426296463848
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	586	17.6%
2	mostly taught this year	936	28.1%
3	not yet taught or just introduced	1814	54.4%
9	omitted	0	

LTBST037: sci\taught topic\earth sci\geo process

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3276 Minimum: 1 Maximum: 3 Mean: 2.4462759462759 Standard deviation: 0.7321503550886
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	473	14.4%
2	mostly taught this year	868	26.5%
3	not yet taught or just introduced	1935	59.1%
9	omitted	0	

LTBST038: sci\taught topic\earth sci\fossils

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3314 Minimum: 1 Maximum: 3 Mean: 2.3681351840676 Standard deviation: 0.68639380460986
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	395	11.9%
2	mostly taught this year	1304	39.3%
3	not yet taught or just introduced	1615	48.7%
9	omitted	0	

LTBST039: sci\taught topic\earth sci\bodies in ss**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3317 Minimum: 1 Maximum: 3 Mean: 2.4199577931866 Standard deviation: 0.76211541233349
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	559	16.9%
2	mostly taught this year	806	24.3%
3	not yet taught or just introduced	1952	58.8%
9	omitted	0	

LTBST040: sci\taught topic\earth sci\phy features**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3313 Minimum: 1 Maximum: 3 Mean: 2.3594929067311 Standard deviation: 0.76905031702859
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	598	18.1%
2	mostly taught this year	926	28%
3	not yet taught or just introduced	1789	54%
9	omitted	0	

LTBST041: sci\taught topic\earth sci\sun as star**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3120 Minimum: 1 Maximum: 3 Mean: 2.4714743589744 Standard deviation: 0.75914035221846
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	510	16.3%
2	mostly taught this year	629	20.2%
3	not yet taught or just introduced	1981	63.5%
9	omitted	0	

LTBSTO42: sci\taught topic\env sci\trends in popul

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3240 Minimum: 1 Maximum: 3 Mean: 2.2929012345679 Standard deviation: 0.69199915953703
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	440	13.6%
2	mostly taught this year	1411	43.5%
3	not yet taught or just introduced	1389	42.9%
9	omitted	0	

LTBSTO43: sci\taught topic\env sci\natural resourc

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3370 Minimum: 1 Maximum: 3 Mean: 2.1157270029674 Standard deviation: 0.69019045057973
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	630	18.7%
2	mostly taught this year	1720	51%
3	not yet taught or just introduced	1020	30.3%
9	omitted	0	

LTBSTO44: sci\taught topic\env sci\changes environm**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3416 Minimum: 1 Maximum: 3 Mean: 2.1080210772834 Standard deviation: 0.68344580017811
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	mostly taught before this year	633	18.5%
2	mostly taught this year	1781	52.1%
3	not yet taught or just introduced	1002	29.3%
9	omitted	0	

LTBSCOMA: sci\computer\available in science less**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3453 Minimum: 1 Maximum: 2 Mean: 1.920359108022 Standard deviation: 0.27077565225587
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	275	8%
2	no	3178	92%
9	omitted	0	

LTBSINTA: sci\computer\access to internet**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 926 Minimum: 1 Maximum: 2 Mean: 1.7624190064795 Standard deviation: 0.42583105573402
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	220	23.8%
2	no	706	76.2%
6	logically not applicable	0	
9	omitted	0	

LTBSCAPE: sci\computer\use\scientific procedures

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1240 Minimum: 1 Maximum: 4 Mean: 3.8145161290323 Standard deviation: 0.56200573993247
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	19	1.5%
2	about half the lessons	45	3.6%
3	some lessons	83	6.7%
4	never	1093	88.1%
6	logically not applicable	0	
9	omitted	0	

LTBSCANP: sci\computer\use\natural phenomena

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1222 Minimum: 1 Maximum: 4 Mean: 3.7414075286416 Standard deviation: 0.55069368736721
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	19	1.6%
2	about half the lessons	11	0.9%

3	some lessons	237	19.4%
4	never	955	78.2%
6	logically not applicable	0	
9	omitted	0	

LTBSCASP: sci\computer\use\practice skills

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1203 Minimum: 1 Maximum: 4 Mean: 3.6550290939318 Standard deviation: 0.70642232939815
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	30	2.5%
2	about half the lessons	74	6.2%
3	some lessons	177	14.7%
4	never	922	76.6%
6	logically not applicable	0	
9	omitted	0	

LTBSCALI: sci\computer\use\look up ideas

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1222 Minimum: 1 Maximum: 4 Mean: 3.569558101473 Standard deviation: 0.80517753388729
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	82	6.7%
2	about half the lessons	0	
3	some lessons	280	22.9%
4	never	860	70.4%
6	logically not applicable	0	
9	omitted	0	

LTBSCAPA: sci\computer\use\process data

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1222 Minimum: 1 Maximum: 4 Mean: 3.569558101473 Standard deviation: 0.89111896335953
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	101	8.3%
2	about half the lessons	32	2.6%
3	some lessons	159	13%
4	never	930	76.1%
6	logically not applicable	0	
9	omitted	0	

LTBSHMWO: sci\homework\do you assign science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3485 Minimum: 1 Maximum: 2 Mean: 1.0284074605452 Standard deviation: 0.16615775274184
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3386	97.2%
2	no	99	2.8%
9	omitted	0	

LTBSHWMC: sci\homework\frequency of science hmw

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3341 Minimum: 1 Maximum: 3 Mean: 2.0897934750075 Standard deviation: 0.86845274305255
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	every or almost every lesson	1123	33.6%
2	about half the lessons	795	23.8%
3	some lessons	1423	42.6%
6	logically not applicable	0	
9	omitted	0	

LTBSHWKM: sci\homework\min assign in cls

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3357 Minimum: 1 Maximum: 5 Mean: 2.6282394995532 Standard deviation: 1.1157720320414
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	fewer than 15 minutes	328	9.8%
2	15-30 minutes	1573	46.9%
3	31-60 minutes	863	25.7%
4	61-90 minutes	205	6.1%
5	more than 90 minutes	388	11.6%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCP: sci\assign kinds of homework\problem set

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3295 Minimum: 1 Maximum: 3 Mean: 1.5996965098634 Standard deviation: 0.56378235640054
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	always or almost always	1447	43.9%
2	sometimes	1720	52.2%
3	never or almost never	128	3.9%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCA: sci\assign kinds of homework\find applic

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3259 Minimum: 1 Maximum: 3 Mean: 1.8073028536361 Standard deviation: 0.55870426701009
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	883	27.1%
2	sometimes	2121	65.1%
3	never or almost never	255	7.8%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCT: sci\assign kinds of homework\read textbk

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3281 Minimum: 1 Maximum: 3 Mean: 1.7339225845779 Standard deviation: 0.59076077871128
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1125	34.3%
2	sometimes	1904	58%
3	never or almost never	252	7.7%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCW: sci\assign kinds of homework\write defin

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3228 Minimum: 1 Maximum: 3 Mean: 1.6970260223048 Standard deviation: 0.58216745823783
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1184	36.7%
2	sometimes	1838	56.9%
3	never or almost never	206	6.4%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCR: sci\assign kinds of homework\work on prj

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3222 Minimum: 1 Maximum: 3 Mean: 1.7905027932961 Standard deviation: 0.51297640807557
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	832	25.8%
2	sometimes	2233	69.3%
3	never or almost never	157	4.9%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCS: sci\assign kinds of homework\investigat

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3281 Minimum: 1 Maximum: 3 Mean: 1.6885096007315 Standard deviation: 0.57266408127629
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1208	36.8%
2	sometimes	1887	57.5%
3	never or almost never	186	5.7%
6	logically not applicable	0	
9	omitted	0	

LTBSKHCG: sci\assign kinds of homework\reports

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3281 Minimum: 1 Maximum: 3 Mean: 1.9356903383115 Standard deviation: 0.57260387847218
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	650	19.8%
2	sometimes	2192	66.8%
3	never or almost never	439	13.4%
6	logically not applicable	0	
9	omitted	0	

LTBSHDAM: sci\homework assignments\monitor complet

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3384 Minimum: 1 Maximum: 2 Mean: 1.116134751773 Standard deviation: 0.32043378933422
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	2991	88.4%
2	sometimes	393	11.6%

3	never or almost never	0	
6	logically not applicable	0	
9	omitted	0	

LTBSHDAF: sci\homework assignments\correct assignm

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3384 Minimum: 1 Maximum: 2 Mean: 1.1477541371158 Standard deviation: 0.35490854360691
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	2884	85.2%
2	sometimes	500	14.8%
3	never or almost never	0	
6	logically not applicable	0	
9	omitted	0	

LTBSHDAC: sci\homework assignments\std correct

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3384 Minimum: 1 Maximum: 3 Mean: 1.75 Standard deviation: 0.61906358966751
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1177	34.8%
2	sometimes	1876	55.4%
3	never or almost never	331	9.8%
6	logically not applicable	0	
9	omitted	0	

LTBSHDAD: sci\homework assignments\homewk as basis**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3384 Minimum: 1 Maximum: 3 Mean: 1.6368203309693 Standard deviation: 0.54657512291543
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1343	39.7%
2	sometimes	1927	56.9%
3	never or almost never	114	3.4%
6	logically not applicable	0	
9	omitted	0	

LTBSHDAG: sci\homework assignments\contribute**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3384 Minimum: 1 Maximum: 3 Mean: 1.7186761229314 Standard deviation: 0.61755280411297
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1255	37.1%
2	sometimes	1826	54%
3	never or almost never	303	9%
6	logically not applicable	0	
9	omitted	0	

LTBSSTCR: sci\test\how often give in science\questions require understand concepts**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3208 Minimum: 1 Maximum: 3 Mean: 1.3245012468828 Standard deviation: 0.49481067678519
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	2208	68.8%
2	sometimes	959	29.9%
3	never or almost never	41	1.3%
9	omitted	0	

LTBSSTHC: sci\test\how often give in science\hypotheses and conclusions

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3210 Minimum: 1 Maximum: 3 Mean: 1.8165109034268 Standard deviation: 0.58678840851895
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	901	28.1%
2	sometimes	1997	62.2%
3	never or almost never	312	9.7%
9	omitted	0	

LTBSSTFP: sci\test\how often give in science\recall of facts and procedures

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3214 Minimum: 1 Maximum: 3 Mean: 1.5105787181083 Standard deviation: 0.53252165230394
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	always or almost always	1627	50.6%
2	sometimes	1533	47.7%
3	never or almost never	54	1.7%
9	omitted	0	

LTBGPOPG: sci\population group

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3466 Minimum: 1 Maximum: 4 Mean: 1.3912290825159 Standard deviation: 0.87707591127785
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	black	2749	79.3%
2	coloured	359	10.4%
3	indian	77	2.2%
4	white	281	8.1%
5	other	0	
9	omitted	0	

LTBGLANG: sci\home language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3470 Minimum: 1 Maximum: 12 Mean: 6.4351585014409 Standard deviation: 3.7250142213439
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	afrikaans	583	16.8%
2	english	192	5.5%
3	isindebele	53	1.5%
4	sespedi	460	13.3%
5	sesotho	352	10.1%
6	siswati	97	2.8%
7	xitsonga	63	1.8%
8	setswana	433	12.5%
9	tshivenda	66	1.9%
10	isiahosa	375	10.8%

11	isizulu	779	22.4%
12	other	17	0.5%
99	omitted	0	

BCBGLOWG: gen\grade level\lowest grade

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4057 Minimum: 1 Maximum: 97 Mean: 20.962287404486 Standard deviation: 31.120983102142
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	kindergarten	62	1.8%
2	1	216	6.2%
3	2	37	1.1%
4	3	0	
5	4	0	
6	5	0	
7	6	42	1.2%
8	7	420	12.1%
9	8	2631	75.7%
10	9	17	0.5%
11	10	0	
12	11	0	
13	12	52	1.5%
14	13	0	
99	omitted	0	

BCBGHIGG: gen\grade level\highest grade

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4062 Minimum: 1 Maximum: 97 Mean: 24.227227966519 Standard deviation: 29.751806248152
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	kindergarten	20	0.6%
2	1	0	
3	2	46	1.3%
4	3	0	
5	4	0	
6	5	0	
7	6	0	
8	7	0	
9	8	42	1.2%
10	9	538	15.5%
11	10	291	8.4%
12	11	53	1.5%
13	12	2490	71.5%
14	13	2	0.1%
99	omitted	0	

BCBGTENR: gen\total school enrollment\all grades

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4170 Minimum: 0 Maximum: 99997 Mean: 14640.331654676 Standard deviation: 34325.750856834
 Type: Continuous Width: 12 Format: Numeric

BCBGEENR: gen\total school enrollment\eight grade

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4201 Minimum: 0 Maximum: 99997 Mean: 13972.753154011 Standard deviation: 34433.22635672
 Type: Continuous Width: 12 Format: Numeric

BCBGCOMU: gen\how many people live in town

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4175 Minimum: 1 Maximum: 7 Mean: 4.3561676646707 Standard deviation: 1.7466086437278
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	more than 500000 people	424	11.8%
2	100001 to 500000 people	246	6.8%
3	50001 to 100000 people	458	12.7%
4	15001 to 50000 people	906	25.2%
5	3001 to 15000 people	1153	32.1%
6	fewer than 3000 people	408	11.3%
9	omitted	0	

BCBGASTD: gen\percent of student absent from sch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4230 Minimum: 1 Maximum: 7 Mean: 2.1860520094563 Standard deviation: 2.0016886385413
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	less than 5	2321	63.6%
2	5 to 10	1152	31.6%
3	11 to 20	146	4%
4	more than 20	31	0.8%
9	omitted	0	

BCBGENRS: gen\percent of students still enrolled

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 7 Mean: 2.2755388940956 Standard deviation: 1.9739317200861
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	96 to 100	2069	56.1%
2	90 to 95	1292	35%
3	80 to 89	309	8.4%
4	less than 80	18	0.5%
9	omitted	0	

BCBGESY: gen\percent of studs enrolled after begi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4216 Minimum: 1 Maximum: 7 Mean: 2.319734345351 Standard deviation: 2.0517040397624
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	less than 5	2370	65.2%
2	5 to 10	691	19%
3	11 to 20	332	9.1%
4	more than 20	243	6.7%
9	omitted	0	

BCBGSBED: gen\students background\economic disadva

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4218 Minimum: 1 Maximum: 7 Mean: 4.2520151730678 Standard deviation: 1.2206339850081
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	0 to 10	81	2.2%
2	11 to 25	84	2.3%
3	26 to 50	266	7.3%
4	more than 50	3207	88.2%
9	omitted	0	

BCBGSBEA: gen\students background\economic affluen

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3763 Minimum: 1 Maximum: 7 Mean: 2.2606962529896 Standard deviation: 2.1700229786239
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	0 to 10	2508	78.8%
2	11 to 25	273	8.6%
3	26 to 50	215	6.8%
4	more than 50	187	5.9%
9	omitted	0	

BCBGNALA: gen\ percent of students 1st language

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3730 Minimum: 1 Maximum: 7 Mean: 4.0680965147453 Standard deviation: 1.5682133050173
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	more than 90	393	12.5%
2	76 to 90	62	2%
3	50 to 75	183	5.8%
4	less than 50	2512	79.7%
9	omitted	0	

BCBGCHTS: gen\in school\teachers job satisfaction

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3939 Minimum: 1 Maximum: 7 Mean: 3.4412287382584 Standard deviation: 1.6976325980659
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	124	3.7%
2	high	1117	33.3%
3	medium	1555	46.3%
4	low	343	10.2%
5	very low	220	6.5%
9	omitted	0	

BCBGCHTU: gen\in school\teachers understa goals

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3961 Minimum: 1 Maximum: 7 Mean: 3.0595809139106 Standard deviation: 1.7823445931034
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	362	10.7%
2	high	1575	46.6%
3	medium	1267	37.5%
4	low	139	4.1%
5	very low	38	1.1%
9	omitted	0	

BCBGCHTC: gen\in school\teachers degree of success

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3943 Minimum: 1 Maximum: 7 Mean: 3.2531067714938 Standard deviation: 1.7202497253943
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	very high	214	6.4%
2	high	1314	39.1%
3	medium	1439	42.8%
4	low	372	11.1%
5	very low	24	0.7%
9	omitted	0	

BCBGCHES: gen\in school\teachers expect studs ach

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3944 Minimum: 1 Maximum: 7 Mean: 3.0367647058824 Standard deviation: 1.8235412923628
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	426	12.7%
2	high	1700	50.5%
3	medium	889	26.4%
4	low	321	9.5%
5	very low	28	0.8%
9	omitted	0	

BCBGCHPS: gen\in school\parents support studs ach

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3922 Minimum: 1 Maximum: 7 Mean: 4.2218255991841 Standard deviation: 1.4951261231512
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	52	1.6%
2	high	356	10.7%
3	medium	924	27.6%
4	low	1088	32.6%

5	very low	922	27.6%
9	omitted	0	

BCBGCHPI: gen\in school\parents involved in sch ac

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3922 Minimum: 1 Maximum: 7 Mean: 4.2950025497195 Standard deviation: 1.4562988840472
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	78	2.3%
2	high	212	6.3%
3	medium	906	27.1%
4	low	1165	34.9%
5	very low	981	29.4%
9	omitted	0	

BCBGCHSR: gen\in school\studs regard sch property

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3917 Minimum: 1 Maximum: 7 Mean: 3.9343885626755 Standard deviation: 1.5715923186009
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	74	2.2%
2	high	531	15.9%
3	medium	1196	35.8%
4	low	1053	31.6%
5	very low	483	14.5%
9	omitted	0	

BCBGCHSD: gen\in school\studs desire to do well**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3943 Minimum: 1 Maximum: 7 Mean: 3.5472990109054 Standard deviation: 1.6581922095988
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	very high	144	4.3%
2	high	873	26%
3	medium	1493	44.4%
4	low	707	21%
5	very low	146	4.3%
9	omitted	0	

BCBGYEPS: gen\number of years principal this sch**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4247 Minimum: 0 Maximum: 97 Mean: 19.78008005651 Standard deviation: 31.160640848674
 Type: Discrete Width: 8 Format: Numeric

BCBGAPAD: gen\activity percentages\administrative**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4190 Minimum: 0 Maximum: 997 Mean: 167.01718377088 Standard deviation: 333.22237155529
 Type: Discrete Width: 8 Format: Numeric

BCBGAPIL: gen\activity percentages\instru leadersh**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4160 Minimum: 0 Maximum: 997 Mean: 156.10649038462 Standard deviation: 338.80775285372
 Type: Discrete Width: 8 Format: Numeric

BCBGAPST: gen\activity percentages\supervise tch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4125 Minimum: 0 Maximum: 997 Mean: 158.85381818182 Standard deviation: 339.42393603592
 Type: Discrete Width: 8 Format: Numeric

BCBGAPTE: gen\activity percentages\teaching

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4100 Minimum: 0 Maximum: 997 Mean: 159.36707317073 Standard deviation: 340.54419823665
 Type: Discrete Width: 8 Format: Numeric

BCBGAPPR: gen\activity percentages\public relation

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4070 Minimum: 0 Maximum: 997 Mean: 151.11253071253 Standard deviation: 345.00733906838
 Type: Discrete Width: 8 Format: Numeric

BCBGAPOT: gen\activity percentages\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2857 Minimum: 0 Maximum: 997 Mean: 209.14700735037 Standard deviation: 397.80310495777
 Type: Discrete Width: 8 Format: Numeric

BCBGEPSE: gen\expect parents\attend special events

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4211 Minimum: 1 Maximum: 7 Mean: 1.8743766326288 Standard deviation: 2.0598264137516
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3429	94.4%
2	no	202	5.6%
9	omitted	0	

BCBGEPRF: gen\expect parents\raise funds for sch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4211 Minimum: 1 Maximum: 7 Mean: 1.8964616480646 Standard deviation: 2.0556888956653
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3336	91.9%
2	no	295	8.1%
9	omitted	0	

BCBGEPVO: gen\expect parents\volunteer for sch pro

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4147 Minimum: 1 Maximum: 7 Mean: 1.9047504219918 Standard deviation: 2.0695444160227
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3295	92.4%
2	no	272	7.6%
9	omitted	0	

BCBGEPCH: gen\expect parents\ensure complete homew

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4190 Minimum: 1 Maximum: 7 Mean: 1.8821002386635 Standard deviation: 2.0634340817125
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3394	94%
2	no	216	6%
9	omitted	0	

BCBGEPSC: gen\expect parents\serve on sch commitee

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4211 Minimum: 1 Maximum: 7 Mean: 1.8302066017573 Standard deviation: 2.0673687891314
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3615	99.6%
2	no	16	0.4%
9	omitted	0	

BCBGDYSO: gen\instructional days per year

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3621 Minimum: 0 Maximum: 997 Mean: 317.0115990058 Standard deviation: 300.08037574894
 Type: Discrete Width: 8 Format: Numeric

BCBGDWFU: gen\full instructional days per week

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3824 Minimum: 1 Maximum: 97 Mean: 18.830020920502 Standard deviation: 33.061486142772
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1 day	25	0.8%
2	2 days	12	0.4%

3	3 days	60	1.8%
4	4 days	270	8.3%
5	5 days	2825	87.1%
6	none	52	1.6%
99	omitted	0	

BCBGDWA: gen\half instructional days per week

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1798 Minimum: 1 Maximum: 97 Mean: 34.055061179088 Standard deviation: 43.484724730504
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1 day	304	25%
2	2 days	115	9.4%
3	3 days	34	2.8%
4	4 days	93	7.6%
5	5 days	69	5.7%
6	none	603	49.5%
99	omitted	0	

BCBGTITD: gen\total instructional time

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4141 Minimum: 1 Maximum: 7 Mean: 4.4252595991306 Standard deviation: 1.6617403895331
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	4 hours or less	258	7.2%
2	4.5 hours	223	6.3%
3	5 hours	686	19.3%
4	5.5 hours	1034	29%

5	6 hours	793	22.3%
6	6.5 hours or more	567	15.9%
9	omitted	0	

BCBMODLA: mat\organize different lev or abi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4110 Minimum: 1 Maximum: 7 Mean: 2.0766423357664 Standard deviation: 2.0488591263668
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	same math curr	2679	75.9%
2	same math curr but different level	757	21.4%
3	different math curr acc ability level	94	2.7%
9	omitted	0	

BCBMGAMC: mat\group ability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4173 Minimum: 1 Maximum: 7 Mean: 2.588066139468 Standard deviation: 1.799041351047
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	446	12.4%
2	no	3147	87.6%
9	omitted	0	

BCBMSOEM: mat\offer maths\enrichment

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3852 Minimum: 1 Maximum: 7 Mean: 2.4428868120457 Standard deviation: 1.9695444784971

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1194	36.5%
2	no	2078	63.5%
9	omitted	0	

BCBMSORM: mat\offer maths\remedial

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3845 Minimum: 1 Maximum: 7 Mean: 2.3339401820546 Standard deviation: 2.0201392894457
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1616	49.5%
2	no	1649	50.5%
9	omitted	0	

BCBSODLA: sci\organize different lev or abi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4209 Minimum: 1 Maximum: 7 Mean: 2.0332620574958 Standard deviation: 2.0358796428425
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	same science curr	2853	78.6%
2	same science curr but different level	683	18.8%
3	different science curr acc ability level	93	2.6%
9	omitted	0	

BCBSGASC: sci\group ability

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4181 Minimum: 1 Maximum: 7 Mean: 2.6046400382684 Standard deviation: 1.7866778387118
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	372	10.3%
2	no	3229	89.7%
9	omitted	0	

BCBSSOES: sci\offer science\enrichment

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3747 Minimum: 1 Maximum: 7 Mean: 2.502001601281 Standard deviation: 1.9724974337115
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1019	32.2%
2	no	2148	67.8%
9	omitted	0	

BCBSSORS: sci\offer science\remedial

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3943 Minimum: 1 Maximum: 7 Mean: 2.3565812832868 Standard deviation: 1.9824602989876
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1494	44.4%
2	no	1869	55.6%
9	omitted	0	

BCBMFVAY: mat\fill teaching vacancies\mathematics

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4226 Minimum: 1 Maximum: 7 Mean: 3.0463795551349 Standard deviation: 1.9196221032938

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	were no vacancies	1270	34.8%
2	easy to fill vacancies	401	11%
3	somewhat difficult	1158	31.8%
4	very difficult	817	22.4%
9	omitted	0	

BCBSFVAY: sci\fill teaching vacancies\science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4171 Minimum: 1 Maximum: 7 Mean: 3.0412371134021 Standard deviation: 1.9190392290697

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	were no vacancies	1231	34.3%
2	easy to fill vacancies	423	11.8%
3	somewhat difficult	1200	33.4%
4	very difficult	737	20.5%
9	omitted	0	

BCBSFVCY: sci\fill teaching vacancies\comp science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3837 Minimum: 1 Maximum: 7 Mean: 2.7086265311441 Standard deviation: 2.1529282906465
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	were no vacancies	2003	61.5%
2	easy to fill vacancies	123	3.8%
3	somewhat difficult	440	13.5%
4	very difficult	691	21.2%
9	omitted	0	

BCBMRRTM: mat\school pay incentives recrui\maths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4232 Minimum: 1 Maximum: 7 Mean: 2.6394139886578 Standard deviation: 1.7504259363944
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	194	5.3%
2	no	3458	94.7%
9	omitted	0	

BCBSRRTS: sci\school pay incentives recrui\science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4211 Minimum: 1 Maximum: 7 Mean: 2.6466397530278 Standard deviation: 1.7515652960547
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	177	4.9%
2	no	3454	95.1%
9	omitted	0	

BCBGRRT0: gen\school pay incentives recrui\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3603 Minimum: 1 Maximum: 7 Mean: 2.7649181237857 Standard deviation: 1.8655446878773
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	144	4.8%
2	no	2879	95.2%
9	omitted	0	

BCBGPDIC: gen\development ms\design imp curriculum

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4230 Minimum: 1 Maximum: 7 Mean: 3.2791962174941 Standard deviation: 1.8467708595018
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	664	18.2%
2	1 to 2 times	967	26.5%
3	3 to 5 times	1210	33.2%
4	6 to 10 times	462	12.7%
5	more than 10 times	347	9.5%
9	omitted	0	

BCBGPDSG: gen\development ms\design sch impr goals**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4164 Minimum: 1 Maximum: 7 Mean: 3.1515369836695 Standard deviation: 1.8685726679342
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	666	18.6%
2	1 to 2 times	1294	36.1%
3	3 to 5 times	915	25.5%
4	6 to 10 times	481	13.4%
5	more than 10 times	228	6.4%
9	omitted	0	

BCBGPDIK: gen\development ms\impr content knowledg**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4150 Minimum: 1 Maximum: 7 Mean: 3.366265060241 Standard deviation: 1.8116463371242
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	485	13.6%
2	1 to 2 times	1059	29.7%
3	3 to 5 times	1130	31.7%
4	6 to 10 times	563	15.8%
5	more than 10 times	333	9.3%
9	omitted	0	

BCBGPPTS: gen\development ms\impr teaching skills**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4183 Minimum: 1 Maximum: 7 Mean: 3.4324647382262 Standard deviation: 1.8156732541911

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	513	14.2%
2	1 to 2 times	933	25.9%
3	3 to 5 times	1137	31.6%
4	6 to 10 times	592	16.4%
5	more than 10 times	428	11.9%
9	omitted	0	

BCBGPDU: gen\development ms\inf tech edu purposes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4161 Minimum: 1 Maximum: 7 Mean: 2.829848594088 Standard deviation: 2.0175630771651
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	1428	39.9%
2	1 to 2 times	941	26.3%
3	3 to 5 times	619	17.3%
4	6 to 10 times	417	11.6%
5	more than 10 times	176	4.9%
9	omitted	0	

BCBMEPOS: mat\eval practice\observations princ

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4175 Minimum: 1 Maximum: 7 Mean: 2.0210778443114 Standard deviation: 2.0364517860202
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2812	78.2%
2	no	783	21.8%
9	omitted	0	

BCBMEPOE: mat\eval practice\observation inspec

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4100 Minimum: 1 Maximum: 7 Mean: 2.4329268292683 Standard deviation: 1.9037946261462
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1125	32%
2	no	2395	68%
9	omitted	0	

BCBMEPSA: mat\eval practice\student achievement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4144 Minimum: 1 Maximum: 7 Mean: 1.9580115830116 Standard deviation: 2.0591479491472
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3074	86.3%
2	no	490	13.7%
9	omitted	0	

BCBMEPTR: mat\eval practice\teach peer review

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4091 Minimum: 1 Maximum: 7 Mean: 2.2891713517477 Standard deviation: 1.9701259246911

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1717	48.9%
2	no	1794	51.1%
9	omitted	0	

BCBSEPOS: sci\eval practice\observations princ

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4173 Minimum: 1 Maximum: 7 Mean: 2.0407380781213 Standard deviation: 2.0318104541637
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2730	76%
2	no	863	24%
9	omitted	0	

BCBSEPOE: sci\eval practice\observation inspec

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4068 Minimum: 1 Maximum: 7 Mean: 2.4294493608653 Standard deviation: 1.9142389573867
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1153	33.1%
2	no	2335	66.9%
9	omitted	0	

BCBSEPSA: sci\eval practice\student achievement

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4150 Minimum: 1 Maximum: 7 Mean: 1.9679518072289 Standard deviation: 2.0554343134741
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3033	85%
2	no	537	15%
9	omitted	0	

BCBSEPTR: sci\eval practice\teach peer review

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4097 Minimum: 1 Maximum: 7 Mean: 2.2780082987552 Standard deviation: 1.9729833297972
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1761	50.1%
2	no	1756	49.9%
9	omitted	0	

BCBGFP01: gen\freq behavior\arrive late at school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4255 Minimum: 1 Maximum: 7 Mean: 4.3358401880141 Standard deviation: 1.5956484940106
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	82	2.2%

2	rarely	821	22.3%
3	monthly	246	6.7%
4	weekly	703	19.1%
5	daily	1823	49.6%
9	omitted	0	

BCBGFP02: gen\freq behavior\absenteeism

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 7 Mean: 4.0482661668229 Standard deviation: 1.645672907335
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	71	1.9%
2	rarely	987	26.8%
3	monthly	553	15%
4	weekly	871	23.6%
5	daily	1206	32.7%
9	omitted	0	

BCBGFP03: gen\freq behavior\skipping class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4267 Minimum: 1 Maximum: 7 Mean: 3.5146472931802 Standard deviation: 1.9272902878831
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	509	13.8%
2	rarely	1484	40.2%
3	monthly	215	5.8%
4	weekly	580	15.7%
5	daily	899	24.4%

9	omitted	0	
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BCBGFP04: gen\freq behavior\violating dress code

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4229 Minimum: 1 Maximum: 7 Mean: 3.6020335776779 Standard deviation: 1.8473703799015
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	235	6.4%
2	rarely	1658	45.4%
3	monthly	267	7.3%
4	weekly	624	17.1%
5	daily	865	23.7%
9	omitted	0	

BCBGFP05: gen\freq behavior\classroom disturbance

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4250 Minimum: 1 Maximum: 7 Mean: 3.3908235294118 Standard deviation: 1.9560866330245
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	637	17.4%
2	rarely	1451	39.5%
3	monthly	297	8.1%
4	weekly	504	13.7%
5	daily	781	21.3%
9	omitted	0	

BCBGFP06: gen\freq behavior\cheating**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4253 Minimum: 1 Maximum: 7 Mean: 3.1326122736892 Standard deviation: 1.8882967954693
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	420	11.4%
2	rarely	2127	57.9%
3	monthly	384	10.5%
4	weekly	273	7.4%
5	daily	469	12.8%
9	omitted	0	

BCBGFP07: gen\freq behavior\profanity**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4212 Minimum: 1 Maximum: 7 Mean: 3.2962962962963 Standard deviation: 1.9180690528569
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	482	13.3%
2	rarely	1734	47.7%
3	monthly	437	12%
4	weekly	332	9.1%
5	daily	647	17.8%
9	omitted	0	

BCBGFP08: gen\freq behavior\vandalism**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4268 Minimum: 1 Maximum: 7 Mean: 3.0970009372071 Standard deviation: 1.9014778220275

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	597	16.2%
2	rarely	1819	49.3%
3	monthly	602	16.3%
4	weekly	233	6.3%
5	daily	437	11.8%
9	omitted	0	

BCBGFP09: gen\freq behavior\theft

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4257 Minimum: 1 Maximum: 7 Mean: 3.1209772140005 Standard deviation: 1.8669751035591
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	485	13.2%
2	rarely	1924	52.3%
3	monthly	511	13.9%
4	weekly	425	11.6%
5	daily	332	9%
9	omitted	0	

BCBGFP10: gen\freq behavior\intimidation of studs

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 1 Maximum: 7 Mean: 3.2638238050609 Standard deviation: 1.8374878151176
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	285	7.7%
2	rarely	1971	53.4%
3	monthly	568	15.4%
4	weekly	381	10.3%
5	daily	483	13.1%
9	omitted	0	

BCBGFP11: gen/freq behavior\injury to students

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4251 Minimum: 1 Maximum: 7 Mean: 2.817925194072 Standard deviation: 1.8315582629657
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	497	13.5%
2	rarely	2513	68.5%
3	monthly	350	9.5%
4	weekly	209	5.7%
5	daily	102	2.8%
9	omitted	0	

BCBGFP12: gen/freq behavior\intimidation of tchrs

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4253 Minimum: 1 Maximum: 7 Mean: 2.4434516811662 Standard deviation: 1.9685706721816
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	1582	43.1%
2	rarely	1771	48.2%
3	monthly	156	4.2%

4	weekly	80	2.2%
5	daily	84	2.3%
9	omitted	0	

BCBGFP13: gen\freq behavior\injury to teachers

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4253 Minimum: 1 Maximum: 7 Mean: 1.9174700211615 Standard deviation: 2.0415505134394
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	3251	88.5%
2	rarely	422	11.5%
3	monthly	0	
4	weekly	0	
5	daily	0	
9	omitted	0	

BCBGSP01: gen\severe behavior\arrive late at sch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4249 Minimum: 1 Maximum: 7 Mean: 2.9472817133443 Standard deviation: 1.72811790766
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	437	11.9%
2	minor problem	1670	45.5%
3	serious problem	1562	42.6%
6	logically not applicable	0	
9	omitted	0	

BCBGSP02: gen\severe behavior\absenteeism

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4217 Minimum: 1 Maximum: 7 Mean: 2.9817405738677 Standard deviation: 1.7098327387063
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	325	8.9%
2	minor problem	1747	48%
3	serious problem	1565	43%
6	logically not applicable	0	
9	omitted	0	

BCBGSP03: gen\severe behavior\skipping class

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4197 Minimum: 1 Maximum: 7 Mean: 2.6233023588277 Standard deviation: 1.8786747294596
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1112	30.7%
2	minor problem	1677	46.4%
3	serious problem	828	22.9%
6	logically not applicable	0	
9	omitted	0	

BCBGSP04: gen\severe behavior\violating dress code

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4170 Minimum: 1 Maximum: 7 Mean: 2.6484412470024 Standard deviation: 1.8510507261074
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	867	24.2%
2	minor problem	2052	57.2%
3	serious problem	671	18.7%
6	logically not applicable	0	
9	omitted	0	

BCBGSP05: gen\severe behavior\clsroom disturbance

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4194 Minimum: 1 Maximum: 7 Mean: 2.5436337625179 Standard deviation: 1.908627969345
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1317	36.4%
2	minor problem	1600	44.3%
3	serious problem	697	19.3%
6	logically not applicable	0	
9	omitted	0	

BCBGSP06: gen\severe behavior\cheating

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4183 Minimum: 1 Maximum: 7 Mean: 2.4843413817834 Standard deviation: 1.9047578401416
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1264	35.1%
2	minor problem	1949	54.1%

3	serious problem	390	10.8%
6	logically not applicable	0	
9	omitted	0	

BCBGSP07: gen\severe behavior\profanity

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4233 Minimum: 1 Maximum: 7 Mean: 2.5714623198677 Standard deviation: 1.8824525896871
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1180	32.3%
2	minor problem	1774	48.6%
3	serious problem	699	19.1%
6	logically not applicable	0	
9	omitted	0	

BCBGSP08: gen\severe behavior\vandalism

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4216 Minimum: 1 Maximum: 7 Mean: 2.7172675521822 Standard deviation: 1.8544283776617
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1020	28.1%
2	minor problem	1472	40.5%
3	serious problem	1144	31.5%
6	logically not applicable	0	
9	omitted	0	

BCBGSP09: gen\severe behavior\theft**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4181 Minimum: 1 Maximum: 7 Mean: 2.6649127003109 Standard deviation: 1.8672154313997
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1021	28.4%
2	minor problem	1679	46.6%
3	serious problem	901	25%
6	logically not applicable	0	
9	omitted	0	

BCBGSP10: gen\severe behavior\intimidation of stds**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4186 Minimum: 1 Maximum: 7 Mean: 2.6488294314381 Standard deviation: 1.8608575292421
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	969	26.9%
2	minor problem	1852	51.4%
3	serious problem	785	21.8%
6	logically not applicable	0	
9	omitted	0	

BCBGSP11: gen\severe behavior\injury to studs**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4174 Minimum: 1 Maximum: 7 Mean: 2.5117393387638 Standard deviation: 1.9016637797405
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	1224	34.1%
2	minor problem	1910	53.1%
3	serious problem	460	12.8%
6	logically not applicable	0	
9	omitted	0	

BCBGSP12: gen\severe behavior\intimidation of tchs

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4210 Minimum: 1 Maximum: 7 Mean: 2.1838479809976 Standard deviation: 2.0060316308438
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	2353	64.8%
2	minor problem	1050	28.9%
3	serious problem	227	6.3%
6	logically not applicable	0	
9	omitted	0	

BCBGSP13: gen\severe behavior\injury to teachers

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4197 Minimum: 1 Maximum: 7 Mean: 1.9504407910412 Standard deviation: 2.0565000581486
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a problem	3182	88%
2	minor problem	361	10%

3	serious problem	74	2%
6	logically not applicable	0	
9	omitted	0	

BCBGST01: gen\shortage\instructional materials

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4188 Minimum: 1 Maximum: 7 Mean: 3.3567335243553 Standard deviation: 1.7247298701701
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	416	11.5%
2	a little	1019	28.2%
3	some	1148	31.8%
4	a lot	1025	28.4%
9	omitted	0	

BCBGST02: gen\shortage\budget for supplies

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4175 Minimum: 1 Maximum: 7 Mean: 3.2550898203593 Standard deviation: 1.837122480528
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	758	21.1%
2	a little	893	24.8%
3	some	790	22%
4	a lot	1154	32.1%
9	omitted	0	

BCBGST03: gen\shortage\school buildings**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4185 Minimum: 1 Maximum: 7 Mean: 3.1992831541219 Standard deviation: 1.8979584136458
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	1009	28%
2	a little	695	19.3%
3	some	674	18.7%
4	a lot	1227	34%
9	omitted	0	

BCBGST04: gen\shortage\heating and lighting**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4214 Minimum: 1 Maximum: 7 Mean: 3.3025628856194 Standard deviation: 1.8647117339313
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	916	25.2%
2	a little	652	17.9%
3	some	627	17.3%
4	a lot	1439	39.6%
9	omitted	0	

BCBGST05: gen\shortage\instructional space**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4205 Minimum: 1 Maximum: 7 Mean: 3.1307966706302 Standard deviation: 1.9163067718784
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	1105	30.5%
2	a little	685	18.9%
3	some	710	19.6%
4	a lot	1125	31%
9	omitted	0	

BCBGST06: gen\shortage\handicapped facilities

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4124 Minimum: 1 Maximum: 7 Mean: 2.9371968962173 Standard deviation: 2.0901774133404
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	1808	51%
2	a little	240	6.8%
3	some	219	6.2%
4	a lot	1277	36%
9	omitted	0	

BCBMST07: mat\shortage\computer hardware

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4202 Minimum: 1 Maximum: 7 Mean: 3.6951451689672 Standard deviation: 1.7387363882743
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	736	20.3%
2	a little	217	6%

3	some	379	10.5%
4	a lot	2290	63.2%
9	omitted	0	

BCBMST08: mat\shortage\computer software

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4186 Minimum: 1 Maximum: 7 Mean: 3.7264691829909 Standard deviation: 1.7285159976833
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	731	20.3%
2	a little	163	4.5%
3	some	366	10.1%
4	a lot	2346	65.1%
9	omitted	0	

BCBMST09: mat\shortage\calculators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4178 Minimum: 1 Maximum: 7 Mean: 3.5387745332695 Standard deviation: 1.765266087177
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	708	19.7%
2	a little	385	10.7%
3	some	773	21.5%
4	a lot	1732	48.1%
9	omitted	0	

BCBMST10: mat\shortage\library materials**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4202 Minimum: 1 Maximum: 7 Mean: 3.724892908139 Standard deviation: 1.703433124283
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	651	18%
2	a little	243	6.7%
3	some	457	12.6%
4	a lot	2271	62.7%
9	omitted	0	

BCBMST11: mat\shortage\audio-visual resources**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4180 Minimum: 1 Maximum: 7 Mean: 3.7011961722488 Standard deviation: 1.7126553439455
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	638	17.7%
2	a little	297	8.3%
3	some	481	13.4%
4	a lot	2184	60.7%
9	omitted	0	

BCBSST12: sci\shortage\laboratory equipment**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4166 Minimum: 1 Maximum: 7 Mean: 3.5684109457513 Standard deviation: 1.7490867368647
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	564	15.7%
2	a little	688	19.2%
3	some	470	13.1%
4	a lot	1864	52%
9	omitted	0	

BCBSST13: sci\shortage\computer hardware

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4166 Minimum: 1 Maximum: 7 Mean: 3.7722035525684 Standard deviation: 1.703384186908
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	677	18.9%
2	a little	165	4.6%
3	some	328	9.1%
4	a lot	2416	67.4%
9	omitted	0	

BCBSST14: sci\shortage\computer software

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4166 Minimum: 1 Maximum: 7 Mean: 3.7978876620259 Standard deviation: 1.6771768862184
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	628	17.5%
2	a little	158	4.4%

3	some	382	10.7%
4	a lot	2418	67.4%
9	omitted	0	

BCBSST15: sci\shortage\calculators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4166 Minimum: 1 Maximum: 7 Mean: 3.5931349015843 Standard deviation: 1.7677492053076
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	754	21%
2	a little	263	7.3%
3	some	647	18%
4	a lot	1922	53.6%
9	omitted	0	

BCBSST16: sci\shortage\library materials

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4140 Minimum: 1 Maximum: 7 Mean: 3.7161835748792 Standard deviation: 1.709481800491
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	630	17.7%
2	a little	257	7.2%
3	some	511	14.4%
4	a lot	2162	60.7%
9	omitted	0	

BCBSST17: sci\shortage\audio-visual resources**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4130 Minimum: 1 Maximum: 7 Mean: 3.7128329297821 Standard deviation: 1.72858098299
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	682	19.2%
2	a little	220	6.2%
3	some	440	12.4%
4	a lot	2208	62.2%
9	omitted	0	

BCBGSH18: gen\shortage\teachers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4150 Minimum: 1 Maximum: 7 Mean: 3.1681927710843 Standard deviation: 1.8186390313075
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	677	19%
2	a little	1060	29.7%
3	some	1041	29.2%
4	a lot	792	22.2%
9	omitted	0	

BCBGSH19: gen\shortage\computer support staff**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4166 Minimum: 1 Maximum: 7 Mean: 3.6471435429669 Standard deviation: 1.7676091249952
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none	745	20.8%
2	a little	316	8.8%
3	some	343	9.6%
4	a lot	2182	60.8%
9	omitted	0	

BCBGCMPS: gen\computers\available for stds instr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3669 Minimum: 0 Maximum: 997 Mean: 164.79122376669 Standard deviation: 361.03974490889
 Type: Discrete Width: 8 Format: Numeric

BCBGCMPI: gen\computers\access to internet

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2549 Minimum: 1 Maximum: 7 Mean: 4.19027069439 Standard deviation: 1.8211558418118
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	all	307	15.6%
2	most	113	5.7%
3	some	108	5.5%
4	none	1441	73.2%
6	logically not applicable	0	
9	omitted	0	

BCBGHTTE: gen\help\anyone available tch use techno

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4111 Minimum: 1 Maximum: 7 Mean: 2.4305521770859 Standard deviation: 1.9019725096295
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1130	32%
2	no	2401	68%
9	omitted	0	

BCBGPHTE: gen\help\description person

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1949 Minimum: 1 Maximum: 97 Mean: 31.833247819395 Standard deviation: 42.450858203192
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	ft school level coordinator	115	8.4%
2	library media specialist	95	6.9%
3	teacher with title coordinator	247	18%
4	teacher who helps informally	288	21%
5	district level coordinator	265	19.4%
6	principal	253	18.5%
7	other	106	7.7%
99	omitted	0	

BCBGNINE: gen\total school enrollment\eight grade

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4212 Minimum: 0 Maximum: 99997 Mean: 13945.297245964 Standard deviation: 34391.805809367
 Type: Continuous Width: 12 Format: Numeric

BCBGCLSC: gen\total number of classrooms in school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4253 Minimum: 0 Maximum: 99997 Mean: 13663.453562191 Standard deviation: 34311.185585796
 Type: Discrete Width: 12 Format: Numeric

BCBGABTE: gen\percent of teacher absent from sch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4204 Minimum: 1 Maximum: 7 Mean: 1.9150808753568 Standard deviation: 2.0642017415948
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	less than 5	3329	91.9%
2	5 to 10	242	6.7%
3	11 to 20	34	0.9%
4	more than 20	19	0.5%
9	omitted	0	

BCBGPHFA: gen\expect parents\assist phys fac

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4211 Minimum: 1 Maximum: 7 Mean: 1.9149845642365 Standard deviation: 2.0520289752922
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3258	89.7%
2	no	373	10.3%
9	omitted	0	

BCBGOBEC: gen\development ms\inf tech edu purposes**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 4208 Minimum: 1 Maximum: 7 Mean: 3.9298954372624 Standard deviation: 1.6120180297862
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	never	101	2.8%
2	1 to 2 times	676	18.6%
3	3 to 5 times	1250	34.5%
4	6 to 10 times	731	20.1%
5	more than 10 times	870	24%
9	omitted	0	

TOKEN01S: *test indicator booklet 1a***Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3492 Minimum: 1 Maximum: 3 Mean: 2.9627720504009 Standard deviation: 0.27035330574293
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	instrument available but empty	65	1.9%
2	instrument not available or lost	0	
3	instrument available with responses	3427	98.1%

LTBGUSEX: school\principal\profile\male\female**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.28264604811 Standard deviation: 0.87257924755206
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	male	2830	82.6%
2	female	597	17.4%
9	omitted	0	

LTBGRPOP: school\principal\profile\population

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3473 Minimum: 1 Maximum: 7 Mean: 1.5732795853729 Standard deviation: 1.1833133626658
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	black	2570	75.4%
2	coloured	343	10.1%
3	indian	227	6.7%
4	white	268	7.9%
5	other	0	
9	omitted	0	

LTBGCURR: school\principal\profile\position\curr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3448 Minimum: 1 Maximum: 7 Mean: 2.717807424594 Standard deviation: 1.216417362315
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	principal	521	15.4%
2	deputy principal	1100	32.5%
3	head of department	974	28.8%

4	educator	667	19.7%
5	other	121	3.6%
9	omitted	0	

LTBGNYRS: school\principal\profile\number of years

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3069 Minimum: 1 Maximum: 997 Mean: 29.034213098729 Standard deviation: 142.540693208
 Type: Discrete Width: 8 Format: Numeric

LTBGHQAL: school\principal\profile\highest qualifi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3153 Minimum: 1 Maximum: 7 Mean: 3.6536631779258 Standard deviation: 1.0918770497839
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	matric	21	0.7%
2	diploma	506	16.4%
3	bach degree	754	24.4%
4	honours degree	1286	41.6%
5	masters degree	500	16.2%
6	doctoral degree	21	0.7%
9	omitted	0	

LTBGHOBT: school\principal\profile\year obtained

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2667 Minimum: 1965 Maximum: 99997 Mean: 4381.0157480315 Standard deviation: 15115.239138806
 Type: Discrete Width: 12 Format: Numeric

LTBGHOLD: school\histroy\background\how old\school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3399 Minimum: 2 Maximum: 99997 Mean: 1935.3065607532 Standard deviation: 13694.231486959
 Type: Discrete Width: 12 Format: Numeric

LTBGADMI: school\principal\profile\administrative

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3261 Minimum: 1 Maximum: 7 Mean: 2.7092916283349 Standard deviation: 1.8614929412835
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	det	1628	50.9%
2	hoa	102	3.2%
3	hod	200	6.3%
4	hor	382	12%
5	independent studies	884	27.7%
9	omitted	0	

LTBGAD01: school\physical\resources\telephone

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3438 Minimum: 0 Maximum: 7 Mean: 1.2751599767307 Standard deviation: 1.1802489914009
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	don't have any	1076	31.9%
1	no, inadequate	665	19.7%
2	yes, adequate	1632	48.4%
9	omitted	0	

LTBGAD02: school\physical\resources\fax**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3435 Minimum: 1 Maximum: 7 Mean: 2.0081513828239 Standard deviation: 1.1576103256576
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1637	48.6%
2	no, inadequate	393	11.7%
3	yes, adequate	1340	39.8%
9	omitted	0	

LTBGAD03: school\physical\resources\electricity**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3398 Minimum: 1 Maximum: 7 Mean: 2.5885815185403 Standard deviation: 0.95047157824613
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	473	14.2%
2	no, inadequate	712	21.4%
3	yes, adequate	2148	64.4%
9	omitted	0	

LTBGAD04: school\physical\resources\water**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3457 Minimum: 1 Maximum: 7 Mean: 2.5322533989008 Standard deviation: 0.99603579793621
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	634	18.7%
2	no, inadequate	609	18%
3	yes, adequate	2149	63.4%
9	omitted	0	

LTBGAD05: school\physical\resources\photocopies

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3434 Minimum: 1 Maximum: 7 Mean: 2.3421665695981 Standard deviation: 0.99678397521656
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	669	19.9%
2	no, inadequate	1181	35.1%
3	yes, adequate	1519	45.1%
9	omitted	0	

LTBGAD06: school\physical\resources\typewriters

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3374 Minimum: 1 Maximum: 7 Mean: 2.3183165382336 Standard deviation: 0.99392283822331
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	650	19.6%
2	no, inadequate	1260	38.1%
3	yes, adequate	1399	42.3%
9	omitted	0	

LTBGAD07: school\physical\resources\computers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3449 Minimum: 1 Maximum: 7 Mean: 1.5850971296028 Standard deviation: 1.0335545058715
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	2204	65.1%
2	no, inadequate	732	21.6%
3	yes, adequate	448	13.2%
9	omitted	0	

LTBGAD08: school\physical\resources\computers\staf**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3435 Minimum: 1 Maximum: 7 Mean: 1.9682678311499 Standard deviation: 1.0743394976998
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1388	41.2%
2	no, inadequate	1028	30.5%
3	yes, adequate	954	28.3%
9	omitted	0	

LTBGAD09: school\physical\resources\internet**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3439 Minimum: 1 Maximum: 7 Mean: 1.5745856353591 Standard deviation: 1.0711482512101
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	2365	70.1%
2	no, inadequate	432	12.8%
3	yes, adequate	577	17.1%
9	omitted	0	

LTBGAD10: school\physical\resources\radio

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3393 Minimum: 1 Maximum: 7 Mean: 1.6342469790746 Standard deviation: 1.0420267382277
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	2039	61.3%
2	no, inadequate	816	24.5%
3	yes, adequate	473	14.2%
9	omitted	0	

LTBGAD11: school\physical\resources\tv

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3421 Minimum: 1 Maximum: 7 Mean: 2.0353697749196 Standard deviation: 1.0413554282023
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1146	34.1%
2	no, inadequate	1268	37.8%
3	yes, adequate	942	28.1%
9	omitted	0	

LTBGAD12: school\physical\resources\tape recorder**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3412 Minimum: 1 Maximum: 7 Mean: 1.6292497069168 Standard deviation: 1.05409267566
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	2112	63.1%
2	no, inadequate	713	21.3%
3	yes, adequate	522	15.6%
9	omitted	0	

LTBGAD13: school\physical\resources\video recorder**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3424 Minimum: 1 Maximum: 7 Mean: 1.7920560747664 Standard deviation: 1.0591537095971
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1700	50.6%
2	no, inadequate	996	29.7%
3	yes, adequate	663	19.7%
9	omitted	0	

LTBGAD14: school\physical\resources\overhead proje**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3397 Minimum: 1 Maximum: 7 Mean: 1.8713570797763 Standard deviation: 1.0540156880383
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1483	44.5%
2	no, inadequate	1128	33.9%
3	yes, adequate	721	21.6%
9	omitted	0	

LTBGAD15: school\physical\resources\support materi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3452 Minimum: 1 Maximum: 7 Mean: 2.281865585168 Standard deviation: 0.83128218679015
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	193	5.7%
2	no, inadequate	2353	69.5%
3	yes, adequate	841	24.8%
9	omitted	0	

LTBGAD16: school\physical\resources\calculators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3470 Minimum: 1 Maximum: 7 Mean: 1.7314121037464 Standard deviation: 1.0161106502105
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't have any	1732	50.9%
2	no, inadequate	1198	35.2%
3	yes, adequate	475	14%
9	omitted	0	

LTBGLE01: school\physical\learning\ictionaries**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3362 Minimum: 0 Maximum: 7 Mean: 1.1513979773944 Standard deviation: 1.2012512604566
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no learning equipment available at school	1234	37.4%
1	no	710	21.5%
2	yes	1353	41%
9	omitted	0	

LTBGLE02: school\physical\learning\computers**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3469 Minimum: 0 Maximum: 7 Mean: 1.048140674546 Standard deviation: 1.2550888924058
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no learning equipment available at school	1677	49.3%
1	no	273	8%
2	yes	1454	42.7%
9	omitted	0	

LTBGLE03: school\physical\learning\geometry sets**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3464 Minimum: 0 Maximum: 7 Mean: 0.82650115473441 Standard deviation: 1.1844998547322
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no learning equipment available at school	1807	53.2%
1	no	776	22.8%
2	yes	816	24%
9	omitted	0	

LTBGLE04: school\physical\learning\calculators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3441 Minimum: 0 Maximum: 7 Mean: 0.77564661435629 Standard deviation: 1.1704698900247
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no learning equipment available at school	1854	54.9%
1	no	830	24.6%
2	yes	692	20.5%
9	omitted	0	

LTBGLE05: school\physical\learning\textbooks

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3481 Minimum: 0 Maximum: 7 Mean: 1.8980178109739 Standard deviation: 0.8494075560262
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no learning equipment available at school	121	3.5%
1	no	438	12.8%
2	yes	2857	83.6%
9	omitted	0	

LTBGIACT: school\support received\involved\school

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3401 Minimum: 1 Maximum: 7 Mean: 3.960305792414 Standard deviation: 1.2454199955385
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	weekly	154	4.6%
2	monthly	187	5.6%
3	every term	1027	30.8%
4	every 6 months	435	13%
5	less often	1533	46%
9	omitted	0	

LTBGFED1: school\support received\feedback\report

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3374 Minimum: 1 Maximum: 7 Mean: 4.2700059276823 Standard deviation: 0.87678911154595
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	103	3.1%
2	weekly	0	
3	monthly	67	2%
4	every term	2131	64.4%
5	every 6 months	924	27.9%
6	annually	84	2.5%
9	omitted	0	

LTBGFED2: school\support received\feedback\parents

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3404 Minimum: 1 Maximum: 7 Mean: 4.5214453584019 Standard deviation: 0.86078139177067
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	24	0.7%
2	weekly	11	0.3%
3	monthly	54	1.6%
4	every term	1932	57.9%
5	every 6 months	908	27.2%
6	annually	410	12.3%
9	omitted	0	

LTBGFED3: school\support received\feedback\individ

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3238 Minimum: 1 Maximum: 7 Mean: 3.399320568252 Standard deviation: 1.7284512028035
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	733	23.1%
2	weekly	331	10.4%
3	monthly	406	12.8%
4	every term	976	30.8%
5	every 6 months	327	10.3%
6	annually	400	12.6%
9	omitted	0	

LTBGFED4: school\support received\feedback\telepho

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3089 Minimum: 1 Maximum: 7 Mean: 1.7617351893817 Standard deviation: 1.4195431263701
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	2127	70.3%
2	weekly	381	12.6%
3	monthly	153	5.1%
4	every term	229	7.6%
5	every 6 months	81	2.7%
6	annually	53	1.8%
9	omitted	0	

LTBGFED5: school\support received\feedback\letters

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3175 Minimum: 1 Maximum: 7 Mean: 2.8714960629921 Standard deviation: 1.6076740188883
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	952	30.6%
2	weekly	401	12.9%
3	monthly	638	20.5%
4	every term	768	24.7%
5	every 6 months	184	5.9%
6	annually	167	5.4%
9	omitted	0	

LTBGFED6: school\support received\feedback\newslet

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3255 Minimum: 1 Maximum: 7 Mean: 2.5609831029186 Standard deviation: 1.9050643254824
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	1784	55.9%
2	weekly	46	1.4%
3	monthly	267	8.4%
4	every term	574	18%
5	every 6 month	206	6.5%
6	annually	313	9.8%
9	omitted	0	

LTBGFED7: school\support received\feedback\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 906 Minimum: 1 Maximum: 7 Mean: 2.1258278145695 Standard deviation: 1.9330380374678
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not applicable	618	73.5%
2	weekly	41	4.9%
3	monthly	69	8.2%
4	every term	37	4.4%
5	every 6 months	40	4.8%
6	annually	36	4.3%
9	omitted	0	

LTBGTOP1: school\support received\training\manage

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3477 Minimum: 0 Maximum: 7 Mean: 1.8052919183204 Standard deviation: 1.0795705455958
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	none	66	1.9%
1	1-3 courses	1582	46.4%
2	4-6 courses	1052	30.8%
3	7 or more courses	712	20.9%
9	omitted	0	

LTBGTOP2: school\support received\training\governa

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3431 Minimum: 0 Maximum: 7 Mean: 1.7376858058875 Standard deviation: 1.0951679218526
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	none	101	3%
1	1-3 courses	1672	49.7%
2	4-6 courses	944	28%
3	7 or more courses	649	19.3%
9	omitted	0	

LTBGTOP3: school\support received\training\industr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3279 Minimum: 0 Maximum: 7 Mean: 1.2522110399512 Standard deviation: 1.1756142151158
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	none	686	21.3%
1	1-3 courses	1700	52.9%

2	4-6 courses	533	16.6%
3	7 or more courses	295	9.2%
9	omitted	0	

LTBGTOP4: school\support received\training\subject

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3276 Minimum: 0 Maximum: 7 Mean: 1.2313797313797 Standard deviation: 1.2474846953874
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	none	980	30.5%
1	1-3 courses	1185	36.9%
2	4-6 courses	744	23.2%
3	7 or more courses	302	9.4%
9	omitted	0	

LTBGTOP5: school\support received\training\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1835 Minimum: 0 Maximum: 7 Mean: 1 Standard deviation: 1.4882308189781
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	none	900	50.8%
1	1-3 courses	516	29.2%
2	4-6 courses	198	11.2%
3	7 or more courses	156	8.8%
9	omitted	0	

LTBGINSE: school\support received\on service\oppo**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3287 Minimum: 1 Maximum: 7 Mean: 3.0234256160633 Standard deviation: 0.73665779511921
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	national department of education	47	1.5%
2	provincial education deparment	243	7.5%
3	district off	2841	88.2%
4	ngo's	45	1.4%
5	tertiary education institution	29	0.9%
6	other	17	0.5%
9	omitted	0	

LTBGVIS1: school\support received\vist\national**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2981 Minimum: 1 Maximum: 7 Mean: 1.5115732975512 Standard deviation: 1.1682101724971
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\don't know	2306	79.1%
2	during 2001	246	8.4%
3	january to june 2002	203	7%
4	after june this year	161	5.5%
9	omitted	0	

LTBGVIS2: school\support received\vist\provincial**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2906 Minimum: 1 Maximum: 7 Mean: 2.1782518926359 Standard deviation: 1.391103466162

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\don't know	1418	49.9%
2	during 2001	342	12%
3	january to june 2002	551	19.4%
4	after june this year	530	18.7%
9	omitted	0	

LTBGVIS3: school\support received\vist\regional

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3279 Minimum: 1 Maximum: 7 Mean: 2.9112534309241 Standard deviation: 1.232958854806
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\don't know	581	18.1%
2	during 2001	517	16.1%
3	january to june 2002	988	30.7%
4	after june this year	1128	35.1%
9	omitted	0	

LTBGVIS4: school\support received\vist\circuit

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3255 Minimum: 1 Maximum: 7 Mean: 3.2774193548387 Standard deviation: 1.1029504938208
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\ don't know	354	11.1%

2	during 2001	201	6.3%
3	january to june 2002	1083	33.9%
4	after june this year	1552	48.7%
9	omitted	0	

LTBGVIS5: school\support received\vist\teacher

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3062 Minimum: 1 Maximum: 7 Mean: 1.6809274983671 Standard deviation: 1.273619213879
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\don't know	2177	72.6%
2	during 2001	245	8.2%
3	january to june 2002	275	9.2%
4	after june this year	300	10%
9	omitted	0	

LTBGVIS6: school\support received\vist\inset

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3072 Minimum: 1 Maximum: 7 Mean: 1.6373697916667 Standard deviation: 1.2137320702008
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain \ don't know	2172	72.2%
2	during 2001	301	10%
3	january to june 2002	335	11.1%
4	after june this year	199	6.6%
9	omitted	0	

LTBGVIS7: school\support received\vist\colleagues**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3105 Minimum: 1 Maximum: 7 Mean: 2.2863123993559 Standard deviation: 1.4444691303771
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	uncertain\ don't know	1514	49.8%
2	during 2001	205	6.7%
3	january to june 2002	564	18.6%
4	after june this year	757	24.9%
9	omitted	0	

LTBGMMAIN: school\support received\purp\recent visi**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1617 Minimum: 1 Maximum: 7 Mean: 3.3778602350031 Standard deviation: 1.8672078012444
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	deliver documents	439	28.3%
2	provide mentoring	153	9.9%
3	present training	169	10.9%
4	monitor learner performance	376	24.2%
5	deliver lsm's	239	15.4%
6	other	176	11.3%
9	omitted	0	

LTBGREC1: school\support received\materials\maths**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3405 Minimum: 0 Maximum: 7 Mean: 1.3392070484581 Standard deviation: 0.97669913698161

Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	267	8%
1	yes, but not enough for all educators	2041	61.1%
2	yes, enough for all educators and classe	1032	30.9%
9	omitted	0	

LTBGREC2: school\support received\materials\englis

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3416 Minimum: 0 Maximum: 7 Mean: 1.5922131147541 Standard deviation: 1.2357477826754
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	269	8%
1	yes, but not enogh foe all educators or	2131	63.6%
3	yes, enogh for all educators and classes	951	28.4%
9	omitted	0	

LTBGREC3: school\support received\materials\prog

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3382 Minimum: 0 Maximum: 7 Mean: 0.93849793021881 Standard deviation: 1.1160425140086
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	1241	37.4%
1	yes, but not enough for all educators or	1433	43.2%
2	yes, enogh for all educators and classes	643	19.4%

9	omitted	0	
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LTBGREC4: school\support received\materials\qlp

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3215 Minimum: 0 Maximum: 7 Mean: 0.6945567651633 Standard deviation: 1.1385170792846
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	1749	55.5%
1	yes, but not enough for all educatores o	1024	32.5%
2	yes, enogh for all educator and classes	377	12%
9	omitted	0	

LTBGREC5: school\support received\materials\text

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3171 Minimum: 0 Maximum: 7 Mean: 0.68716493219804 Standard deviation: 1.1165047438931
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	1652	53.2%
1	yes, but not enough for all educators	1184	38.1%
2	yes, enough for al educaotrs and classes	270	8.7%
9	omitted	0	

LTBGREC6: school\support received\materials\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 757 Minimum: 0 Maximum: 7 Mean: 0.81505944517834 Standard deviation: 1.9565749695682
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	555	80.2%
1	yes,but not enough for all educators	112	16.2%
2	yes,enough for all educators and classes	25	3.6%
9	omitted	0	

LTBGPR01: school\support received\primary\hiring

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3308 Minimum: 1 Maximum: 7 Mean: 2.1644498186215 Standard deviation: 1.0720264884118
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	647	20%
2	schoola governing board	2094	64.6%
3	principal	150	4.6%
4	head of department	340	10.5%
5	educators	12	0.4%
9	omitted	0	

LTBGPR02: school\support received\primary\policies

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3190 Minimum: 1 Maximum: 7 Mean: 2.5426332288401 Standard deviation: 1.1727144970491
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	143	4.6%
2	school a governing board	2121	67.9%

3	principal	489	15.6%
4	head of department	56	1.8%
5	educators	316	10.1%
9	omitted	0	

LTBGPR03: school\support received\primary\grading

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3158 Minimum: 1 Maximum: 7 Mean: 3.14502849905 Standard deviation: 1.4729723125234
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	527	17%
2	school governing board	602	19.5%
3	principal	766	24.8%
4	head of deapartment	542	17.5%
5	educators	656	21.2%
9	omitted	0	

LTBGPR04: school\support received\primary\budget

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3361 Minimum: 1 Maximum: 7 Mean: 2.2520083308539 Standard deviation: 0.891685960589
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	18	0.5%
2	schoola governing board	2986	90.6%
3	principal	147	4.5%
4	head of department	42	1.3%
5	educators	103	3.1%
9	omitted	0	

LTBGPR05: school\support received\primary\purch

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3262 Minimum: 1 Maximum: 7 Mean: 2.6517473942367 Standard deviation: 1.1147563433116
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	158	4.9%
2	school governing board	1734	54.2%
3	principal	845	26.4%
4	head of department	266	8.3%
5	educators	194	6.1%
9	omitted	0	

LTBGPR06: school\support received\primary\placing

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3405 Minimum: 3 Maximum: 7 Mean: 4.4801762114537 Standard deviation: 0.81767919374748
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	0	
2	school governing board	0	
3	principal	518	15.5%
4	head of department	864	25.9%
5	educators	1958	58.6%
9	omitted	0	

LTBGPR07: school\support received\primary\assign

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3362 Minimum: 3 Maximum: 7 Mean: 3.4092801903629 Standard deviation: 0.71304219739334
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	0	
2	school governing board	0	
3	principal	2239	67.9%
4	head of department	1000	30.3%
5	educators	58	1.8%
9	omitted	0	

LTBGPR08: school\support received\primary\textbook

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3333 Minimum: 1 Maximum: 7 Mean: 4.5151515151515 Standard deviation: 0.98921022502458
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	145	4.4%
2	school governing board	15	0.5%
3	principal	104	3.2%
4	head of department	913	27.9%
5	educators	2091	64%
9	omitted	0	

LTBGPR09: school\support received\primary\homework

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3285 Minimum: 2 Maximum: 7 Mean: 4.4450532724505 Standard deviation: 0.8220714670007
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	0	
2	school governing board	18	0.6%
3	principal	455	14.1%
4	head of department	989	30.7%
5	educators	1758	54.6%
9	omitted	0	

LTBGPR10: school\support received\primary\salaries

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3397 Minimum: 1 Maximum: 7 Mean: 1.6405652045923 Standard deviation: 1.3198817311036
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	2617	78.5%
2	school governing board	165	5%
3	principal	29	0.9%
4	head of department	521	15.6%
5	educators	0	
9	omitted	0	

LTBGPR11: school\support received\primary\relations

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3255 Minimum: 1 Maximum: 7 Mean: 2.7176651305684 Standard deviation: 1.0397056245879
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	not a school responsibility	89	2.8%
2	school governing board	1467	46%
3	principal	1392	43.6%
4	head of department	18	0.6%
5	educators	224	7%
9	omitted	0	

LTBGPR12: school\support received\primary\communic

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3209 Minimum: 2 Maximum: 7 Mean: 3.6961670302275 Standard deviation: 1.142137119187
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	0	
2	school governing board	288	9.2%
3	principal	1669	53.1%
4	head of department	112	3.6%
5	educators	1075	34.2%
9	omitted	0	

LTBGPR13: school\support received\primary\course

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3292 Minimum: 1 Maximum: 7 Mean: 2.7077764277035 Standard deviation: 1.6861709784767
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	1404	43.5%
2	school governing board	193	6%
3	principal	356	11%
4	head of department	769	23.8%

5	educators	505	15.6%
9	omitted	0	

LTBGPR14: school\support received\primary\offered

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3293 Minimum: 1 Maximum: 7 Mean: 2.7476465229274 Standard deviation: 1.376695272232
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	not a school responsibility	608	18.8%
2	school governing board	1023	31.7%
3	principal	852	26.4%
4	head of department	342	10.6%
5	educators	403	12.5%
9	omitted	0	

LTBGSNCM: school\staff\otherwise\number of classes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3290 Minimum: 1 Maximum: 997 Mean: 27.616109422492 Standard deviation: 139.56766863339
 Type: Discrete Width: 8 Format: Numeric

LTBGSNCS: school\staff\otherwise\number of classes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3290 Minimum: 1 Maximum: 997 Mean: 27.616109422492 Standard deviation: 139.56766863339
 Type: Discrete Width: 8 Format: Numeric

LTBGSNCL: school\staff\otherwise\number of classes

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3131 Minimum: 1 Maximum: 997 Mean: 27.117214947301 Standard deviation: 142.45592556686

Type: Discrete Width: 8 Format: Numeric

LTBGSNLM: school\staff\otherwise\number of learner

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3212 Minimum: 2 Maximum: 997 Mean: 212.95641344956 Standard deviation: 172.2330104006
 Type: Continuous Width: 8 Format: Numeric

LTBGSNLS: school\staff\otherwise\number of learner

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3169 Minimum: 3 Maximum: 997 Mean: 215.72294099085 Standard deviation: 171.73000517883
 Type: Continuous Width: 8 Format: Numeric

LTBGSNLL: school\staff\otherwise\number of learner

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3024 Minimum: 1 Maximum: 997 Mean: 217.92195767196 Standard deviation: 173.63784271893
 Type: Continuous Width: 8 Format: Numeric

LTBGNUMM: school\staff\otherwise\number\maths

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3438 Minimum: 1 Maximum: 997 Mean: 27.013379872019 Standard deviation: 149.75784098093
 Type: Discrete Width: 8 Format: Numeric

LTBGNUMS: school\staff\otherwise\number\science

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3458 Minimum: 1 Maximum: 997 Mean: 22.093406593407 Standard deviation: 134.97404675552
 Type: Discrete Width: 8 Format: Numeric

LTBGNUME: school\staff\otherwise\number\english

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3458 Minimum: 1 Maximum: 997 Mean: 23.316946211683 Standard deviation: 134.83769545422
 Type: Discrete Width: 8 Format: Numeric

LTBGNUMA: school\staff\otherwise\number\affrikaans

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3348 Minimum: 0 Maximum: 997 Mean: 22.458183990442 Standard deviation: 137.16615570619
 Type: Discrete Width: 8 Format: Numeric

LTBGEDUC: school\staff\otherwise\many educators

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3270 Minimum: 0 Maximum: 997 Mean: 43.747094801223 Standard deviation: 136.41025503016
 Type: Discrete Width: 8 Format: Numeric

LTBGSA01: school\staff\otherwise\transfer\educator

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1777 Minimum: 0 Maximum: 997 Mean: 38.194147439505 Standard deviation: 187.01790578136
 Type: Discrete Width: 8 Format: Numeric

LTBGSA02: school\staff\otherwise\transfer\heads

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1293 Minimum: 0 Maximum: 997 Mean: 50.395978344934 Standard deviation: 217.86897683563
 Type: Discrete Width: 8 Format: Numeric

LTBGSA03: school\staff\otherwise\transfer\support

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1043 Minimum: 0 Maximum: 997 Mean: 62.347075743049 Standard deviation: 241.0726914659
 Type: Discrete Width: 8 Format: Numeric

LTBGSA04: school\staff\otherwise\resignation\educa**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1954 Minimum: 0 Maximum: 997 Mean: 33.817297850563 Standard deviation: 178.71875713029
 Type: Discrete Width: 8 Format: Numeric

LTBGSA05: school\staff\otherwise\resignation\heads**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1214 Minimum: 0 Maximum: 997 Mean: 53.531301482702 Standard deviation: 224.49350211118
 Type: Discrete Width: 8 Format: Numeric

LTBGSA06: school\staff\otherwise\resignation\suppo**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1031 Minimum: 0 Maximum: 997 Mean: 62.913676042677 Standard deviation: 242.41866079996
 Type: Discrete Width: 8 Format: Numeric

LTBGSA07: school\staff\otherwise\retrench\educator**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1321 Minimum: 0 Maximum: 997 Mean: 49.11279333838 Standard deviation: 215.71648093461
 Type: Discrete Width: 8 Format: Numeric

LTBGSA08: school\staff\otherwise\retrench\heads**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1080 Minimum: 0 Maximum: 997 Mean: 60.015740740741 Standard deviation: 237.22319459167
 Type: Discrete Width: 8 Format: Numeric

LTBGSA09: school\staff\otherwise\retrench\support**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 999 Minimum: 0 Maximum: 997 Mean: 64.896896896897 Standard deviation: 246.01679802445
 Type: Discrete Width: 8 Format: Numeric

LTBGSA10: school\staff\otherwise\illness\educator**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1476 Minimum: 0 Maximum: 997 Mean: 44.073848238482 Standard deviation: 204.59749149438
Type: Discrete Width: 8 Format: Numeric

LTBGSA11: school\staff\otherwise\illness\heads**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1085 Minimum: 0 Maximum: 997 Mean: 59.759447004608 Standard deviation: 236.70531490234
Type: Discrete Width: 8 Format: Numeric

LTBGSA12: school\staff\otherwise\illness\support**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 999 Minimum: 0 Maximum: 997 Mean: 64.92992992993 Standard deviation: 246.00814032325
Type: Discrete Width: 8 Format: Numeric

LTBGSA13: school\staff\otherwise\pension\educator**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1349 Minimum: 0 Maximum: 997 Mean: 48.137879911045 Standard deviation: 213.56925150563
Type: Discrete Width: 8 Format: Numeric

LTBGSA14: school\staff\otherwise\pension\heads**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1106 Minimum: 0 Maximum: 997 Mean: 58.628390596745 Standard deviation: 234.58634483745
Type: Discrete Width: 8 Format: Numeric

LTBGSA15: school\staff\otherwise\pension\support**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 995 Minimum: 0 Maximum: 997 Mean: 65.191959798995 Standard deviation: 246.46794726669
 Type: Discrete Width: 8 Format: Numeric

LTBGSA16: school\staff\otherwise\preg\educator

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1433 Minimum: 0 Maximum: 997 Mean: 45.605722260991 Standard deviation: 207.45686135863
 Type: Discrete Width: 8 Format: Numeric

LTBGSA17: school\staff\otherwise\preg\heads

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1067 Minimum: 0 Maximum: 997 Mean: 60.812558575445 Standard deviation: 238.55561792591
 Type: Discrete Width: 8 Format: Numeric

LTBGSA18: school\staff\otherwise\preg\support

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 955 Minimum: 0 Maximum: 997 Mean: 67.876439790576 Standard deviation: 251.22491409731
 Type: Discrete Width: 8 Format: Numeric

LTBGSA19: school\staff\otherwise\death\educator

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1454 Minimum: 0 Maximum: 997 Mean: 44.786107290234 Standard deviation: 206.0585322322
 Type: Discrete Width: 8 Format: Numeric

LTBGSA20: school\staff\otherwise\death\heads

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1070 Minimum: 0 Maximum: 997 Mean: 60.603738317757 Standard deviation: 238.25196743366
 Type: Discrete Width: 8 Format: Numeric

LTBGSA22: school\staff\otherwise\death\support**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 1018 Minimum: 0 Maximum: 997 Mean: 63.704322200393 Standard deviation: 243.86139413334
 Type: Discrete Width: 8 Format: Numeric

LTBGRESL: school\staff\otherwis\reason\leaving**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2474 Minimum: 0 Maximum: 997 Mean: 30.817299919159 Standard deviation: 159.09522464638
 Type: Discrete Width: 8 Format: Numeric

LTBGRES P: school\staff\otherwis\reason\pregnancy**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2824 Minimum: 0 Maximum: 997 Mean: 28.341359773371 Standard deviation: 148.81916235848
 Type: Discrete Width: 8 Format: Numeric

LTBGRESM: school\staff\otherwis\reason\moving**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2752 Minimum: 0 Maximum: 997 Mean: 29.525799418605 Standard deviation: 150.74077856424
 Type: Discrete Width: 8 Format: Numeric

LTBGRESI: school\staff\otherwis\reason\illness**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2595 Minimum: 0 Maximum: 997 Mean: 27.867437379576 Standard deviation: 155.40986474334
 Type: Discrete Width: 8 Format: Numeric

LTBGRESA: school\staff\otherwis\reason\parenets**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 2506 Minimum: 0 Maximum: 997 Mean: 29.389066241022 Standard deviation: 158.04614862115
 Type: Discrete Width: 8 Format: Numeric

LTBGRES D: school\staff\otherwis\reason\death

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 2683 Minimum: 0 Maximum: 997 Mean: 25.092433842713 Standard deviation: 153.17572275629
 Type: Discrete Width: 8 Format: Numeric

LTBGRES O: school\staff\otherwis\reason\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1279 Minimum: 0 Maximum: 997 Mean: 58.108678655199 Standard deviation: 217.85585515592
 Type: Discrete Width: 8 Format: Numeric

LTBGCON1: school\adequate\conditions\staffroom

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3420 Minimum: 1 Maximum: 7 Mean: 2.8836257309942 Standard deviation: 1.2353479427322
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	534	15.9%
2	adequateq	839	25%
3	inadequate	733	21.8%
4	totally inadequate	1249	37.2%
9	omitted	0	

LTBGCON2: school\adequate\conditions\medical

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3387 Minimum: 1 Maximum: 7 Mean: 3.4351933864777 Standard deviation: 1.0683279255485
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	241	7.3%
2	adequate	403	12.1%
3	inadequate	579	17.4%
4	totally inadequate	2099	63.2%
9	omitted	0	

LTBGCON3: school\adequate\conditions\school garden

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3386 Minimum: 1 Maximum: 7 Mean: 3.1340815121087 Standard deviation: 1.0872059772997
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	198	6%
2	adequate	820	24.7%
3	inadequate	893	26.9%
4	totally inadequate	1410	42.5%
9	omitted	0	

LTBGCON4: school\adequate\conditions\aports fields

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3448 Minimum: 1 Maximum: 7 Mean: 3.3953016241299 Standard deviation: 0.96864146388425
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	149	4.4%
2	adequate	368	10.9%

3	inadequate	1097	32.4%
4	totally inadequate	1769	52.3%
9	omitted	0	

LTBGCON5: school\adequate\conditions\classrooms

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3472 Minimum: 1 Maximum: 7 Mean: 2.5757488479263 Standard deviation: 1.0388697586294
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	436	12.8%
2	adequate	1224	35.9%
3	inadequate	1384	40.6%
4	totally inadequate	363	10.7%
9	omitted	0	

LTBGCON6: school\adequate\conditions\tables

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3456 Minimum: 1 Maximum: 7 Mean: 2.8000578703704 Standard deviation: 0.96191439432239
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	180	5.3%
2	adequate	1083	31.9%
3	inadequate	1636	48.2%
4	totally inadequate	492	14.5%
9	omitted	0	

LTBGCON7: school\adequate\conditions\chalkboards**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3452 Minimum: 1 Maximum: 7 Mean: 2.3797798377752 Standard deviation: 1.0109669038858
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	531	15.7%
2	adequate	1515	44.7%
3	inadequate	1165	34.4%
4	totally inadequate	176	5.2%
9	omitted	0	

LTBGCON8: school\adequate\conditions\laboratory**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3369 Minimum: 1 Maximum: 7 Mean: 3.2493321460374 Standard deviation: 1.0906862498647
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally adequate	202	6.1%
2	adequate	692	20.9%
3	inadequate	734	22.2%
4	totally inadequate	1676	50.7%
9	omitted	0	

LTBGEXEH: school\adequate\existing\heaters**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3432 Minimum: 0 Maximum: 7 Mean: 0.47115384615385 Standard deviation: 1.2849763263817
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	don't have items	2923	86.8%
1	awating repaire for longer a year	48	1.4%
2	awating repair	74	2.2%
3	in working order	322	9.6%
9	omitted	0	

LTBGEXEA: school\adequate\existing\air conditioner

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3420 Minimum: 0 Maximum: 7 Mean: 0.377777777777778 Standard deviation: 1.226345189763
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	don't have items	3059	91.2%
1	awating repair for longer a year	18	0.5%
2	awating repair	15	0.4%
3	in working order	263	7.8%
9	omitted	0	

LTBGEXEL: school\adequate\existing\lights

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3475 Minimum: 0 Maximum: 7 Mean: 1.9510791366906 Standard deviation: 1.3793529989847
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	don't have items	699	20.5%
1	awating repair for longer a year	647	19%

2	awating repair	514	15.1%
3	in working order	1550	45.5%
9	omitted	0	

LTBGRATE: school\adequate\physical\rate space

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 2.4928407789233 Standard deviation: 1.0694611117084
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	totally insufficient	566	16.5%
2	insufficient	1243	36.3%
3	sufficient	1274	37.2%
4	totally sufficient	344	10%
9	omitted	0	

LTBGRE01: school\adequate\physical\records\learner

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3451 Minimum: 2 Maximum: 7 Mean: 2.1622718052738 Standard deviation: 0.71609403257658
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't keep records	0	
2	manual form in books or file	3151	93.1%
3	computerised files	235	6.9%
9	omitted	0	

LTBGRE02: school\adequate\physical\records\educato

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 2 Maximum: 7 Mean: 2.1294387170676 Standard deviation: 0.69649318007829
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't keep records	0	
2	manual form in books or file	3300	96.3%
3	computerised files	127	3.7%
9	omitted	0	

LTBGRE03: school\adequate\physical\records\perform

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3422 Minimum: 2 Maximum: 7 Mean: 2.3001168907072 Standard deviation: 0.76818877112754
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't keep records	0	
2	manual form in books or file	2655	79.1%
3	computerised files	702	20.9%
9	omitted	0	

LTBGRE04: school\adequate\physical\records\behavio

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3389 Minimum: 1 Maximum: 7 Mean: 2.0492770728829 Standard deviation: 0.76423344175148
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	don't keep records	260	7.8%

2	manual form in books or file	2962	89.1%
3	computerised files	102	3.1%
9	omitted	0	

LTBGMISI: school\records\absence\illness

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3135 Minimum: 0 Maximum: 997 Mean: 35.452950558214 Standard deviation: 141.6404537096
 Type: Discrete Width: 8 Format: Numeric

LTBGSTR6: school\records\absence\structure\head

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.4888316151203 Standard deviation: 0.89918076482671
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2110	61.6%
2	unchecked	1317	38.4%
9	omitted	0	

LTBGMISA: school\records\absence\absence\without

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3111 Minimum: 0 Maximum: 997 Mean: 43.041144326583 Standard deviation: 142.55038115816
 Type: Discrete Width: 8 Format: Numeric

LTBGMISN: school\records\absence\no records

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 1304 Minimum: 0 Maximum: 997 Mean: 54.565950920245 Standard deviation: 216.07855143452
 Type: Discrete Width: 8 Format: Numeric

LTBGMISO: school\records\absence\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 713 Minimum: 0 Maximum: 997 Mean: 94.385694249649 Standard deviation: 286.15032226068
 Type: Discrete Width: 8 Format: Numeric

LTBGESTI: school\records\absence\estimated more

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3427 Minimum: 1 Maximum: 7 Mean: 2.2655383717537 Standard deviation: 1.0990576127866
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	none 0%	480	14.3%
2	the minority 1 - 39%	2200	65.4%
3	not so many 40-59%	468	13.9%
4	many 60-79%	98	2.9%
5	a very high percent 80-99%	63	1.9%
6	everyone 100%	53	1.6%
9	omitted	0	

LTBGSTR1: school\records\absence\structure\prescri

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.3281786941581 Standard deviation: 0.88267762998749
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2671	77.9%
2	unchecked	756	22.1%
9	omitted	0	

LTBGSTR2: school\records\absence\structure\externa**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.6675257731959 Standard deviation: 0.88350319325364
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	1486	43.4%
2	unchecked	1941	56.6%
9	omitted	0	

LTBGSTR3: school\records\absence\structure\staff**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.2351088201604 Standard deviation: 0.85933892017825
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2996	87.4%
2	unchecked	431	12.6%
9	omitted	0	

LTBGSTR4: school\records\absence\structure\respons**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.3946162657503 Standard deviation: 0.89305201623091
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2439	71.2%

2	unchecked	988	28.8%
9	omitted	0	

LTBGSTR5: school\records\absence\structure\year

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.4198167239404 Standard deviation: 0.89566713511784
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2351	68.6%
2	unchecked	1076	31.4%
9	omitted	0	

LTBGSTR7: school\records\absence\structure\used

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.3419243986254 Standard deviation: 0.88524333537762
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2623	76.5%
2	unchecked	804	23.5%
9	omitted	0	

LTBGSTR8: school\records\absence\structure\other

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 2.0793241695304 Standard deviation: 0.68770501331981
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	48	1.4%
2	unchecked	3379	98.6%
9	omitted	0	

LTBGMONV: school\records\absence\monitor\visits

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.5048682703322 Standard deviation: 0.89923695961635
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2054	59.9%
2	unchecked	1373	40.1%
9	omitted	0	

LTBGMONM: school\records\absence\monitor\meetings

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.3725658648339 Standard deviation: 0.89017228993735
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2516	73.4%
2	unchecked	911	26.6%
9	omitted	0	

LTBGMONS: school\records\absence\moniroe\staff

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3468 Minimum: 1 Maximum: 7 Mean: 1.3388119953864 Standard deviation: 0.88686467982301
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2618	76.9%
2	unchecked	785	23.1%
9	omitted	0	

LTBGMONF: school\records\absence\monitor\formal

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.4977090492554 Standard deviation: 0.89924722208426
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2079	60.7%
2	unchecked	1348	39.3%
9	omitted	0	

LTBGMONI: school\records\absence\monitor\informal

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.4438717067583 Standard deviation: 0.8974962555087
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	2267	66.2%

2	unchecked	1160	33.8%
9	omitted	0	

LTBGMONR: school\records\absence\monitor\prescribe

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3492 Minimum: 1 Maximum: 7 Mean: 1.6039518900344 Standard deviation: 0.89321986406284
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	checked	1708	49.8%
2	unchecked	1719	50.2%
9	omitted	0	

LTBGPOL1: school\records\absence\policy\selection

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3261 Minimum: 0 Maximum: 7 Mean: 1.4550751303281 Standard deviation: 1.0800290422409
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	522	16.3%
1	yes	1058	33.1%
2	currently working on policies and proced	1616	50.6%
9	omitted	0	

LTBGPOL2: school\records\absence\policy\storage

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3363 Minimum: 0 Maximum: 7 Mean: 1.6393101397562 Standard deviation: 1.0398775839047
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	455	13.8%
1	yes	628	19%
2	currently working on policies and procue	2215	67.2%
9	omitted	0	

LTBGPOL3: school\records\absence\policy\distributi

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3384 Minimum: 0 Maximum: 7 Mean: 1.7266548463357 Standard deviation: 0.93257083551106
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	160	4.8%
1	yes	930	28%
2	currently working on policies and proced	2229	67.2%
9	omitted	0	

LTBGPOL4: school\records\absence\policy\management

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3396 Minimum: 0 Maximum: 7 Mean: 1.7105418138987 Standard deviation: 0.95532961303017
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	225	6.8%
1	yes	858	25.8%
2	currently working on policies and proced	2248	67.5%
9	omitted	0	

LTBGCODE: school\records\absence\policy\code**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3459 Minimum: 0 Maximum: 7 Mean: 1.9346631974559 Standard deviation: 0.79857338867023
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	22	0.6%
1	yes	507	14.9%
2	currently working on the code of conduct	2865	84.4%
9	omitted	0	

LTBGCOND: school\records\absence\code of conduct**Data file: timss-2002-sa-gr9-v1****Overview**

Valid: 3460 Minimum: 1 Maximum: 7 Mean: 2.3083815028902 Standard deviation: 1.6081928266843
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	daily	1688	49.7%
2	weekly	450	13.3%
3	monthly	511	15.1%
4	once a term	485	14.3%
5	once every 6 months	95	2.8%
6	annually	166	4.9%
9	omitted	0	

LTBGPRO1: school\management\quality\procedure\hod**Data file: timss-2002-sa-gr9-v1**

Overview

Valid: 3435 Minimum: 0 Maximum: 7 Mean: 1.7589519650655 Standard deviation: 0.94557982616551
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	246	7.3%
1	currently working on structures and proc	661	19.6%
2	yes	2463	73.1%
9	omitted	0	

LTBGPRO2: school\management\quality\procedure\curr

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3437 Minimum: 0 Maximum: 7 Mean: 1.7663660168752 Standard deviation: 0.94020777549606
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	236	7%
1	currently working on structures and proc	656	19.5%
2	yes	2480	73.5%
9	omitted	0	

LTBGPRO3: school\management\quality\procedure\asse

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3459 Minimum: 0 Maximum: 7 Mean: 1.9589476727378 Standard deviation: 0.79438649562593
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	48	1.4%

1	currently working on structure and procd	371	10.9%
2	yes	2975	87.7%
9	omitted	0	

LTBGPRO4: school\management\quality\procedure\resu

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 3417 Minimum: 0 Maximum: 7 Mean: 1.9285923324554 Standard deviation: 0.81204640177851
 Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	38	1.1%
1	currently working on structures and proc	493	14.7%
2	yes	2821	84.2%
9	omitted	0	

TAG_SCHOOL: tag(idschool)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 0 Maximum: 1 Mean: 0.060449859418932 Standard deviation: 0.23834635378239
 Type: Discrete Width: 8 Format: Numeric

TAG_STUDENT: tag(idstud)

Data file: timss-2002-sa-gr9-v1

Overview

Valid: 4268 Minimum: 0 Maximum: 1 Mean: 0.99507966260544 Standard deviation: 0.069980533827399
 Type: Discrete Width: 8 Format: Numeric

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