

TIMSS 2003 GRADE8 Electronic Codebook

Variable Name : IDCNTRY *Country ID*
Record Number : 1
Position : 1-5
Format : N5.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
United States	840	1,090	100.0
		1,090	100.0%

Variable Name : IDPOP *Population ID*
Record Number : 1
Position : 6-6
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
TIMSS population 1	1	0	0.0
TIMSS population 2	2	1,090	100.0
TIMSS population 3	3	0	0.0
		1,090	100.0%

Variable Name : IDSCHOOL *School ID*
Record Number : 1
Position : 7-10
Format : N4.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1001-3301		1,090	100.0
		1,090	100.0%

Variable Name : IDTEACH *Teacher ID*
Record Number : 1
Position : 11-16
Format : N6.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
100103-330101		1,090	100.0
		1,090	100.0%

Variable Name : IDLINK *Teacher Link Number*
 Record Number : 1
 Position : 17-18
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
2-22		1,090	100.0
		1,090	100.0%

Variable Name : ITCOURSE *Name Of Course*
 Record Number : 1
 Position : 19-20
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Integrated Science	6	1,090	100.0
		1,090	100.0%

Variable Name : IDSUBJ *Subject ID*
 Record Number : 1
 Position : 21-21
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
2	2	1,090	100.0
		1,090	100.0%

Variable Name : IDGRADE *Grade*
 Record Number : 1
 Position : 22-23
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Grade 8	8	1,090	100.0
		1,090	100.0%

Variable Name : IDGRADER *Standardized Grade ID*
 Record Number : 1
 Position : 24-24
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Lower grade	1	0	0.0
Upper grade	2	1,090	100.0
		1,090	100.0%

Variable Name : INTMS03 *In 2003 Assessment Population*
 Record Number : 1
 Position : 25-25
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	1,090	100.0
		1,090	100.0%

Variable Name : INTMS99 *In 2003 And 1999 Assessment Population*
 Record Number : 1
 Position : 26-26
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	1,090	100.0
		1,090	100.0%

Variable Name : INTMS95 *In 2003 And 1999 And 1995 Ass. Pop*
 Record Number : 1
 Position : 27-27
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	1,090	100.0
		1,090	100.0%

How old are you?

Variable Name : BTBGAGE Gen\Age Of Teacher Q1
Record Number : 1
Position : 28-28
Format : N1.0
Comment : TQS2-1: TIMSS99: TQS2A-1 Same BTBGAGE

Response	Codes Percent	Unweighted Frequency	
Under 25	1	26	2.4
25-29	2	108	9.9
30-39	3	240	22.0
40-49	4	267	24.5
50-59	5	225	20.6
60 or older	6	58	5.3
Not administered	8	133	12.2
Omitted	9	33	3.0
		1,090	100.0%

Are you female or male?

Variable Name : BTBGSEX Gen\Sex Of Teacher Q2
Record Number : 1
Position : 29-29
Format : N1.0
Comment : TQS2-2: TIMSS99: TQS2A-2 Same BTBGSEX

Response	Codes Percent	Unweighted Frequency	
Female	1	507	46.5
Male	2	424	38.9
Not administered	8	133	12.2
Omitted	9	26	2.4
		1,090	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher.

Variable Name : BTBGTAUT Gen\Years Been Teaching Q3
Record Number : 1
Position : 30-31
Format : N2.0
Comment : TQS2-3: Modified from TIMSS99: TQS2A-3 BTBGTAUG

Response	Codes Percent	Unweighted Frequency	
1-50		924	84.8
Not administered	98	133	12.2
Omitted	99	33	3.0
		1,090	100.0%

What is the highest level of formal education you have completed?

Variable Name : BTBGFEDC Gen\Level Of Formal Education Completed Q4
Record Number : 1
Position : 32-32
Format : N1.0
Comment : TQS2-4: Modified from TIMSS99: TQS2A-15 BTBGEDUC

Response	Codes Percent	Unweighted Frequency	
Did not compl ISCED 3	1	0	0.0
Finished ISCED 3	2	0	0.0
Finished ISCED 4B	3	0	0.0
Finished ISCED 5B	4	0	0.0
Finished ISCED 5A, first degree	5	359	32.9
Finished ISCED 5A, 2nd degree or higher	6	557	51.1
Not administered	8	133	12.2
Omitted	9	41	3.8
		1,090	100.0%

How many years of preservice teacher training did you have (e.g., time spent in a teacher education program such as student teaching or a mentorship)? Please round to the nearest whole number.

Variable Name : BTBGYTTR Gen\Years Of Teacher Training Q5
Record Number : 1
Position : 33-34
Format : N2.0
Comment : TQS2-5: Modified from TIMSS99: TQS2A-16B BTBGYETR

Response	Codes Percent	Unweighted Frequency	
0 Years	1	134	12.3
1 Year	2	482	44.2
2 Years	3	188	17.3
3 Years	4	59	5.4
4 Years	5	35	3.2
5 Years	6	23	2.1
More than 5 years	7	10	0.9
Not administered	98	133	12.2
Omitted	99	26	2.4
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Biology

Variable Name : BTBSPSBI Sci\Major Area Of Study\Biology Q6a
Record Number : 1
Position : 35-35
Format : N1.0
Comment : TQS2-6A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	474	43.5
No	2	437	40.1
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	46	4.2
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Physics

Variable Name : BTBSPSPH Sci\Major Area Of Study\Physics Q6b
Record Number : 1
Position : 36-36
Format : N1.0
Comment : TQS2-6B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	129	11.8
No	2	773	70.9
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	55	5.1
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Chemistry

Variable Name : BTBSPSCH Sci\Major Area Of Study\Chemistry Q6c
Record Number : 1
Position : 37-37
Format : N1.0
Comment : TQS2-6C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	254	23.3
No	2	649	59.5
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	54	5.0
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Earth Science

Variable Name : BTBSPSES Sci\Major Area Of Study\Earth Science Q6d
Record Number : 1
Position : 38-38
Format : N1.0
Comment : TQS2-6D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	204	18.7
No	2	694	63.7
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	59	5.4
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Science

Variable Name : BTBSPSED Sci\Major Area Of Study\Education Sci Q6e
Record Number : 1
Position : 39-39
Format : N1.0
Comment : TQS2-6E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	401	36.8
No	2	499	45.8
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	57	5.2
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Mathematics

Variable Name : BTBMPSMA Mat\Major Area Of Study\Mathematics Q6f
Record Number : 1
Position : 40-40
Format : N1.0
Comment : TQS2-6F: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	73	6.7
No	2	817	75.0
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	67	6.2
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Mathematics

Variable Name : BTBMPSEM Mat\Major Area Of Study\Education Math Q6g
Record Number : 1
Position : 41-41
Format : N1.0
Comment : TQS2-6G: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	69	6.3
No	2	824	75.6
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	64	5.9
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Other/General

Variable Name : BTBGPSEG Gen\Major Area Of Study\Education Gen Q6h
Record Number : 1
Position : 42-42
Format : N1.0
Comment : TQS2-6H: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	0	0.0
No	2	0	0.0
Missing	6	0	0.0
Not administered	8	1,090	100.0
Omitted	9	0	0.0
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Other

Variable Name : BTBGPSOT Gen\Major Area Of Study\Other Q6i
Record Number : 1
Position : 43-43
Format : N1.0
Comment : TQS2-6I: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	356	32.7
No	2	526	48.3
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	75	6.9
		1,090	100.0%

What requirements did you have to satisfy in order to become a science teacher in grade 8? Complete a bachelor's degree

Variable Name : BTBSRB5A Sci\Requirements To Become Teacher\ISCED 5A Q7a
Record Number : 1
Position : 44-44
Format : N1.0
Comment : TQS2-7A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	660	60.6
No	2	237	21.7
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

What requirements did you have to satisfy in order to become a science teacher in grade 8? Complete a probationary period

Variable Name : BTBSRBPP Sci\Requirements To Become Teacher\Probationary Period Q7b
Record Number : 1
Position : 45-45
Format : N1.0
Comment : TQS2-7B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	410	37.6
No	2	454	41.7
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	89	8.2
		1,090	100.0%

What requirements did you have to satisfy in order to become a science teacher in grade 8? Complete a minimum number of education courses

Variable Name : BTBSRBEC Sci\Requirements To Become Teacher\Education Courses Q7c
Record Number : 1
Position : 46-46
Format : N1.0
Comment : TQS2-7C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	677	62.1
No	2	189	17.3
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	87	8.0
		1,090	100.0%

What requirements did you have to satisfy in order to become a science teacher in grade 8? Complete a minimum number of science courses

Variable Name : BTBSRBSC Sci\Requirements To Become Teacher\Science Courses Q7d
Record Number : 1
Position : 47-47
Format : N1.0
Comment : TQS2-7D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	662	60.7
No	2	203	18.6
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	88	8.1
		1,090	100.0%

What requirements did you have to satisfy in order to become a science teacher in grade 8? Pass a licensing examination

Variable Name : BTBSRBLE Sci\Requirements To Become Teacher\Licensing Exam Q7e
Record Number : 1
Position : 48-48
Format : N1.0
Comment : TQS2-7E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	502	46.1
No	2	368	33.8
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	83	7.6
		1,090	100.0%

Do you have a teaching license or certificate?

Variable Name : BTBGTLC Gen\Teaching Certificate Q8A
Record Number : 1
Position : 49-49
Format : N1.0
Comment : TQS2-8A: Modified from TIMSS99: TQS2A-16A BTBGTRAC

Response	Codes Percent	Unweighted Frequency	
Yes	1	880	80.7
No	2	20	1.8
Missing	6	0	0.0
Not administered	8	133	12.2
Omitted	9	57	5.2
		1,090	100.0%

What type of license or certificate do you hold?

Variable Name : BTBGTELC Gen\Teaching Certificate\Type Q8B
Record Number : 1
Position : 50-50
Format : N1.0
Comment : TQS2-8B: New Question

Response	Codes Percent	Unweighted Frequency	
<Full certificate>	1	801	73.5
<Provisional certificate>	2	50	4.6
<Emergency certificate>	3	12	1.1
<Other>	4	0	0.0
Missing	6	20	1.8
Not administered	8	133	12.2
Omitted	9	74	6.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Biology - Major organs and organ systems in humans and other organisms

Variable Name : BTBSFR01 Sci\Ready\Biology\Major Organs Q9Aa
Record Number : 1
Position : 51-51
Format : N1.0
Comment : TQS2-9AA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	575	52.8
Ready	2	262	24.0
Not ready	3	61	5.6
Not administered	8	137	12.6
Omitted	9	55	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Biology - Cells and their functions, including respiration and photosynthesis as cellular processes**

Variable Name : BTBSFR02 Sci\Ready\Biology\Cells And Functions Q9Ab
Record Number : 1
Position : 52-52
Format : N1.0
Comment : TQS2-9AB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	596	54.7
Ready	2	252	23.1
Not ready	3	50	4.6
Not administered	8	137	12.6
Omitted	9	55	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Biology - Reproduction and heredity**

Variable Name : BTBSFR03 Sci\Ready\Biology\Reproduction Q9Ac
Record Number : 1
Position : 53-53
Format : N1.0
Comment : TQS2-9AC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	574	52.7
Ready	2	256	23.5
Not ready	3	66	6.1
Not administered	8	137	12.6
Omitted	9	57	5.2
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Biology - Role of variation/adaptation in survival/extinction of species in a changing environment**

Variable Name : BTBSFR04 Sci\Ready\Biology\Survival Extinction Q9Ad
Record Number : 1
Position : 54-54
Format : N1.0
Comment : TQS2-9AD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	582	53.4
Ready	2	270	24.8
Not ready	3	41	3.8
Not administered	8	137	12.6
Omitted	9	60	5.5
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Biology - Interaction of living organisms and the physical environment in an ecosystem**

Variable Name : BTBSFR05 Sci\Ready\Biology\Interaction Q9Ae
Record Number : 1
Position : 55-55
Format : N1.0
Comment : TQS2-9AE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	609	55.9
Ready	2	245	22.5
Not ready	3	36	3.3
Not administered	8	137	12.6
Omitted	9	63	5.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Chemistry - Classification and composition of matter**

Variable Name : BTBSFR06 Sci\Ready\Chemistry\Classification Q9Ba
Record Number : 1
Position : 56-56
Format : N1.0
Comment : TQS2-9BA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	645	59.2
Ready	2	220	20.2
Not ready	3	32	2.9
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? **Chemistry - Particulate structure of matter**

Variable Name : BTBSFR07 Sci\Ready\Chemistry\Particulate Structure Q9Bb
Record Number : 1
Position : 57-57
Format : N1.0
Comment : TQS2-9BB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	671	61.6
Ready	2	192	17.6
Not ready	3	34	3.1
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Chemistry - Properties of solutions

Variable Name : BTBSFR08 Sci\Ready\Chemistry\Solutions Q9Bc
Record Number : 1
Position : 58-58
Format : N1.0
Comment : TQS2-9BC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	534	49.0
Ready	2	307	28.2
Not ready	3	53	4.9
Not administered	8	137	12.6
Omitted	9	59	5.4
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Chemistry - Properties and uses of common acids and bases

Variable Name : BTBSFR09 Sci\Ready\Chemistry\Uses Of Acids Q9Bd
Record Number : 1
Position : 59-59
Format : N1.0
Comment : TQS2-9BD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	497	45.6
Ready	2	329	30.2
Not ready	3	65	6.0
Not administered	8	137	12.6
Omitted	9	62	5.7
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Chemistry - Chemical change

Variable Name : BTBSFR10 Sci\Ready\Chemistry\Chemical Change Q9Be
Record Number : 1
Position : 60-60
Format : N1.0
Comment : TQS2-9BE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	502	46.1
Ready	2	335	30.7
Not ready	3	58	5.3
Not administered	8	137	12.6
Omitted	9	58	5.3
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Physics - Physical states and changes in matter

Variable Name : BTBSFR11 Sci\Ready\Physics\Physical States Q9Ca
Record Number : 1
Position : 61-61
Format : N1.0
Comment : TQS2-9CA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	585	53.7
Ready	2	267	24.5
Not ready	3	45	4.1
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Physics - Energy types, sources, and conversions, including heat transfer

Variable Name : BTBSFR12 Sci\Ready\Physics\Energy Types Q9Cb
Record Number : 1
Position : 62-62
Format : N1.0
Comment : TQS2-9CB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	544	49.9
Ready	2	290	26.6
Not ready	3	63	5.8
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Physics - Basic properties/behaviors of light and sound

Variable Name : BTBSFR13 Sci\Ready\Physics\Properties Of Light Q9Cc
Record Number : 1
Position : 63-63
Format : N1.0
Comment : TQS2-9CC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	461	42.3
Ready	2	348	31.9
Not ready	3	88	8.1
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Physics - Electric circuits

Variable Name : BTBSFR14 Sci\Ready\Physics\Electric Circuits Q9Cd
Record Number : 1
Position : 64-64
Format : N1.0
Comment : TQS2-9CD: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	396	36.3
Ready	2	344	31.6
Not ready	3	157	14.4
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Physics - Forces and motion

Variable Name : BTBSFR15 Sci\Ready\Physics\Forces And Motion Q9Ce
Record Number : 1
Position : 65-65
Format : N1.0
Comment : TQS2-9CE: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	584	53.6
Ready	2	270	24.8
Not ready	3	43	3.9
Not administered	8	137	12.6
Omitted	9	56	5.1
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Earth Science - Earth's structure and physical features

Variable Name : BTBSFR16 Sci\Ready\Earth Sci\Earth Structure Q9Da
Record Number : 1
Position : 66-66
Format : N1.0
Comment : TQS2-9DA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	619	56.8
Ready	2	242	22.2
Not ready	3	51	4.7
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Earth Science - Earth's processes, cycles and history

Variable Name : BTBSFR17 Sci\Ready\Earth Sci\Earth Processes Q9Db
Record Number : 1
Position : 67-67
Format : N1.0
Comment : TQS2-9DB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	615	56.4
Ready	2	236	21.7
Not ready	3	61	5.6
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Earth Science - Earth in the solar system and the universe

Variable Name : BTBSFR18 Sci\Ready\Earth Sci\Solar System Q9Dc
Record Number : 1
Position : 68-68
Format : N1.0
Comment : TQS2-9DC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	627	57.5
Ready	2	225	20.6
Not ready	3	59	5.4
Not administered	8	137	12.6
Omitted	9	42	3.9
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Environmental Science - Trends in human population and its effects on the environment

Variable Name : BTBSFR19 Sci\Ready\Earth SciTrends In Population Q9Ea
Record Number : 1
Position : 69-69
Format : N1.0
Comment : TQS2-9EA: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	550	50.5
Ready	2	322	29.5
Not ready	3	40	3.7
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Environmental Science - Use and conservation of Earth's natural resources

Variable Name : BTBSFR20 Sci\Ready\Earth Sci\Use Of Recources Q9Eb
 Record Number : 1
 Position : 70-70
 Format : N1.0
 Comment : TQS2-9EB: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	610	56.0
Ready	2	265	24.3
Not ready	3	37	3.4
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

Considering your training and experience in both science content and instruction, how ready do you feel you are to teach these topics in the eighth grade? Environmental Science - Changes in environments

Variable Name : BTBSFR21 Sci\Ready\Earth Sci\Changes In Environment Q9Ec
 Record Number : 1
 Position : 71-71
 Format : N1.0
 Comment : TQS2-9EC: New Question

Response	Codes Percent	Unweighted Frequency	
Very ready	1	602	55.2
Ready	2	261	23.9
Not ready	3	49	4.5
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

In one typical calendar week from Monday to Sunday, what is the total number of single periods for which you are formally scheduled? Count a double period as two periods.

Variable Name : BTBGWTNP Gen\Scheduled Periods Altogether Q10A
 Record Number : 1
 Position : 72-73
 Format : N2.0
 Comment : TQS2-10A: Modified from TIMSS99: TQS2A-4 BTBGTOTL

Response	Codes Percent	Unweighted Frequency	
2-50		924	84.8
Not administered	98	133	12.2
Omitted	99	33	3.0
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach general science

Variable Name : BTBSSPTS Sci\Formally Scheduled\Teach Science Q10Ba
Record Number : 1
Position : 74-75
Format : N2.0
Comment : TQS2-10BA: New Question

Response	Codes Percent	Unweighted Frequency	
0-40		903	82.8
Not administered	98	137	12.6
Omitted	99	50	4.6
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach physical science

Variable Name : BTBSSPPS Sci\Formally Scheduled\Physical Science Q10Bb
Record Number : 1
Position : 76-77
Format : N2.0
Comment : TQS2-10BB: New Question

Response	Codes Percent	Unweighted Frequency	
0-40		902	82.8
Not administered	98	137	12.6
Omitted	99	51	4.7
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach physics

Variable Name : BTBSSPTP Sci\Formally Scheduled\Teach Physics Q10Bc
Record Number : 1
Position : 78-79
Format : N2.0
Comment : TQS2-10BC: New Question

Response	Codes Percent	Unweighted Frequency	
0-13		902	82.8
Not administered	98	137	12.6
Omitted	99	51	4.7
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach chemistry

Variable Name : BTBSSPTC Sci\Formally Scheduled\Teach Chemistry Q10Bd
Record Number : 1
Position : 80-81
Format : N2.0
Comment : TQS2-10BD: New Question

Response	Codes Percent	Unweighted Frequency	
0-25		904	82.9
Not administered	98	137	12.6
Omitted	99	49	4.5
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach life science/biology

Variable Name : BTBSSPTB Sci\Formally Scheduled\Teach Life Science Biology Q10Be
Record Number : 1
Position : 82-83
Format : N2.0
Comment : TQS2-10BE: New Question

Response	Codes Percent	Unweighted Frequency	
0-35		899	82.5
Not administered	98	137	12.6
Omitted	99	54	5.0
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach Earth science

Variable Name : BTBSSPTE Sci\Formally Scheduled\Teach Earth Science Q10Bf
Record Number : 1
Position : 84-85
Format : N2.0
Comment : TQS2-10BF: New Question

Response	Codes Percent	Unweighted Frequency	
0-35		901	82.7
Not administered	98	137	12.6
Omitted	99	52	4.8
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach mathematics

Variable Name : BTBMSPTM Mat\Formally Scheduled\Teach Math Q10Bg
Record Number : 1
Position : 86-87
Format : N2.0
Comment : TQS2-10BG: New Question

Response	Codes Percent	Unweighted Frequency	
0-24		910	83.5
Not administered	98	137	12.6
Omitted	99	43	3.9
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Teach other subjects

Variable Name : BTBGSPPTO Gen\Formally Scheduled\Teach Other Subjects Q10Bh
Record Number : 1
Position : 88-89
Format : N2.0
Comment : TQS2-10BH: New Question

Response	Codes Percent	Unweighted Frequency	
0-32		907	83.2
Not administered	98	137	12.6
Omitted	99	46	4.2
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Perform other duties

Variable Name : BTBGSPPOD Gen\Formally Scheduled\Perform Other Duties Q10Bi
Record Number : 1
Position : 90-91
Format : N2.0
Comment : TQS2-10BI: New Question

Response	Codes Percent	Unweighted Frequency	
0-20		901	82.7
Not administered	98	137	12.6
Omitted	99	52	4.8
		1,090	100.0%

Of these formally scheduled periods, for how many are you assigned to do each of the following? Total

Variable Name : BTBGSPTT Gen\Formally Scheduled\Total
Record Number : 1
Position : 92-93
Format : N2.0
Comment : TQS2-10BJ: New Question

Response	Codes Percent	Unweighted Frequency	
2-50		698	64.0
Not administered	98	137	12.6
Omitted	99	255	23.4
		1,090	100.0%

How many minutes are in a typical single period?

Variable Name : BTBGMITY Gen\Minutes In A Typical Period Q10C
Record Number : 1
Position : 94-96
Format : N3.0
Comment : TQS2-10C: New Question

Response	Codes Percent	Unweighted Frequency	
35-106		905	83.0
Not administered	998	133	12.2
Omitted	999	52	4.8
		1,090	100.0%

Outside the formal school day, approximately how many hours per week do you normally spend on each of these activities? Do not include the time already accounted for in Question 10. Grading student tests, exams,

Variable Name : BTBGOHGT Gen\Outside School Day\Grading Tests Q11a
Record Number : 1
Position : 97-98
Format : N2.0
Comment : TQS2-11A: Modified from TIMSS99: TQS2A-7A BTBGACT1

Response	Codes Percent	Unweighted Frequency	
0-35		928	85.1
Not administered	98	133	12.2
Omitted	99	29	2.7
		1,090	100.0%

Outside the formal school day, approximately how many hours per week do you normally spend on each of these activities? Do not include the time already accounted for in Question 10. Planning lessons

Variable Name : BTBGOHPL Gen\Outside School Day\Planning Lessons Q11b
Record Number : 1
Position : 99-100
Format : N2.0
Comment : TQS2-11B: Modified from TIMSS99: TQS2A-7C BTBGACT3

Response	Codes Percent	Unweighted Frequency	
0-30		928	85.1
Not administered	98	133	12.2
Omitted	99	29	2.7
		1,090	100.0%

Outside the formal school day, approximately how many hours per week do you normally spend on each of these activities? Do not include the time already accounted for in Question 10. Administrative and recordkeepi

Variable Name : BTBGOHAT Gen\Outside School Day\Administrative Tasks Q11c
Record Number : 1
Position : 101-102
Format : N2.0
Comment : TQS2-11C: Modified from TIMSS99: TQS2A-7H BTBGACT8

Response	Codes Percent	Unweighted Frequency	
0-20		928	85.1
Not administered	98	133	12.2
Omitted	99	29	2.7
		1,090	100.0%

Outside the formal school day, approximately how many hours per week do you normally spend on each of these activities? Do not include the time already accounted for in Question 10. Other

Variable Name : BTBGOHOT Gen\Outside School Day\Other Q11d
Record Number : 1
Position : 103-104
Format : N2.0
Comment : TQS2-11D: Modified from TIMSS99: TQS2A-7I BTBGACT9

Response	Codes Percent	Unweighted Frequency	
0-40		910	83.5
Not administered	98	133	12.2
Omitted	99	47	4.3
		1,090	100.0%

How often do you have the following types of interactions with other teachers? Discussions about how to teach a particular concept

Variable Name : BTBGOTDC Gen\Interactions Teachers\Discuss Concepts Q12a
Record Number : 1
Position : 105-105
Format : N1.0
Comment : TQS2-12A: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	173	15.9
2 or 3 times per month	2	297	27.3
1-3 times per week	3	315	28.9
Daily or almost daily	4	141	12.9
Not administered	8	133	12.2
Omitted	9	31	2.8
		1,090	100.0%

How often do you have the following types of interactions with other teachers? Working on preparing instructional materials

Variable Name : BTBGOTPM Gen\Interactions Teachers\Instructional Materials Q12b
Record Number : 1
Position : 106-106
Format : N1.0
Comment : TQS2-12B: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	184	16.9
2 or 3 times per month	2	289	26.5
1-3 times per week	3	268	24.6
Daily or almost daily	4	184	16.9
Not administered	8	133	12.2
Omitted	9	32	2.9
		1,090	100.0%

How often do you have the following types of interactions with other teachers? Visits to another teacher's classroom to observe his/her teaching

Variable Name : BTBGOTVT Gen\Interactions Teachers\Visit To Classroom Q12c
Record Number : 1
Position : 107-107
Format : N1.0
Comment : TQS2-12C: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	720	66.1
2 or 3 times per month	2	122	11.2
1-3 times per week	3	48	4.4
Daily or almost daily	4	37	3.4
Not administered	8	133	12.2
Omitted	9	30	2.8
		1,090	100.0%

How often do you have the following types of interactions with other teachers? Informal observations of my classroom by another teacher

Variable Name : BTBGOTAT Gen\Interactions Teachers\Observation Q12d
Record Number : 1
Position : 108-108
Format : N1.0
Comment : TQS2-12D: New Question

Response	Codes Percent	Unweighted Frequency	
Never or almost never	1	666	61.1
2 or 3 times per month	2	175	16.1
1-3 times per week	3	46	4.2
Daily or almost daily	4	39	3.6
Not administered	8	133	12.2
Omitted	9	31	2.8
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Science content

Variable Name : BTBSPDST Sci\Participated Developm\Sci Content Q13a
Record Number : 1
Position : 109-109
Format : N1.0
Comment : TQS2-13A: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	765	70.2
No	2	153	14.0
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	35	3.2
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction

Variable Name : BTBSPDSP Sci\Participated Developm\Sci Pedagogy Q13b
Record Number : 1
Position : 110-110
Format : N1.0
Comment : TQS2-13B: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	620	56.9
No	2	295	27.1
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	38	3.5
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Science curriculum

Variable Name : BTBSPDSC Sci\Participated Developm\Sci Curriculum Q13c
Record Number : 1
Position : 111-111
Format : N1.0
Comment : TQS2-13C: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	787	72.2
No	2	126	11.6
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	40	3.7
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Integrating information technology into science

Variable Name : BTBSPDIT Sci\Participated Developm\IT Into Sci Q13d
Record Number : 1
Position : 112-112
Format : N1.0
Comment : TQS2-13D: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	761	69.8
No	2	157	14.4
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	35	3.2
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or inquiry skills

Variable Name : BTBGPDIN Gen\Participated Developm\Improve Skill Q13e
Record Number : 1
Position : 113-113
Format : N1.0
Comment : TQS2-13E: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	720	66.1
No	2	198	18.2
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	35	3.2
		1,090	100.0%

In the past two years, have you participated in professional development in any of the following? Science assessment

Variable Name : BTBSPDSA Sci\Participated Developm\Sci Assessment Q13f
Record Number : 1
Position : 114-114
Format : N1.0
Comment : TQS2-13F: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	642	58.9
No	2	276	25.3
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	35	3.2
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? More than one representation (picture, concrete material, symbols, etc.) should be used in teaching a science topic

Variable Name : BTBSADMR Sci\Agree\Use More Than 1 Representation Q14a
Record Number : 1
Position : 115-115
Format : N1.0
Comment : TQS2-14A: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	656	60.2
Agree	2	253	23.2
Disagree	3	2	0.2
Disagree a lot	4	1	0.1
Not administered	8	137	12.6
Omitted	9	41	3.8
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Solving science problems often involves hypothesizing, estimating, testing, and modifying findings

Variable Name : BTBSADHY Sci\Agree\Solving Sci Involving Hypothesis Q14b
Record Number : 1
Position : 116-116
Format : N1.0
Comment : TQS2-14B: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	700	64.2
Agree	2	199	18.3
Disagree	3	9	0.8
Disagree a lot	4	3	0.3
Not administered	8	137	12.6
Omitted	9	42	3.9
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Learning science mainly involves memorizing

Variable Name : BTBSADME Sci\Agree\Learning Sci Involving Memorizing Q14c
Record Number : 1
Position : 117-117
Format : N1.0
Comment : TQS2-14C: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	7	0.6
Agree	2	86	7.9
Disagree	3	543	49.8
Disagree a lot	4	271	24.9
Not administered	8	137	12.6
Omitted	9	46	4.2
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? There are many ways to conduct scientific investigation

Variable Name : BTBSADCO Sci\Agree\Cond Scientific Investigation Q14d
 Record Number : 1
 Position : 118-118
 Format : N1.0
 Comment : TQS2-14D: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	396	36.3
Agree	2	450	41.3
Disagree	3	60	5.5
Disagree a lot	4	2	0.2
Not administered	8	137	12.6
Omitted	9	45	4.1
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Getting the correct answer is the most important outcome of a student's scientific experiment

Variable Name : BTBSADAN Sci\Agree\Getting The Correct Answer Q14e
 Record Number : 1
 Position : 119-119
 Format : N1.0
 Comment : TQS2-14E: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	1	0.1
Agree	2	41	3.8
Disagree	3	563	51.7
Disagree a lot	4	303	27.8
Not administered	8	137	12.6
Omitted	9	45	4.1
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Scientific theories are subject to change

Variable Name : BTBSADSC Sci\Agree\Scientific Theories Q14f
 Record Number : 1
 Position : 120-120
 Format : N1.0
 Comment : TQS2-14F: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	355	32.6
Agree	2	530	48.6
Disagree	3	27	2.5
Disagree a lot	4	2	0.2
Not administered	8	137	12.6
Omitted	9	39	3.6
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Science is taught primarily to give students the skills and knowledge to explain natural phenomena

Variable Name : BTBSADTA Sci\Agree\Sci Is Taught Primarily Q14g
 Record Number : 1
 Position : 121-121
 Format : N1.0
 Comment : TQS2-14G: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	117	10.7
Agree	2	494	45.3
Disagree	3	261	23.9
Disagree a lot	4	29	2.7
Not administered	8	137	12.6
Omitted	9	52	4.8
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Modeling natural phenomena is essential to teaching science

Variable Name : BTBSADMO Sci\Agree\Modeling Natural Phenomena Q14h
Record Number : 1
Position : 122-122
Format : N1.0
Comment : TQS2-14H: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	151	13.9
Agree	2	621	57.0
Disagree	3	122	11.2
Disagree a lot	4	7	0.6
Not administered	8	137	12.6
Omitted	9	52	4.8
		1,090	100.0%

To what extent do you agree or disagree with each of the following statements? Most scientific discoveries have no practical value

Variable Name : BTBSADDI Sci\Agree\Most Scientific Discoveries Q14i
Record Number : 1
Position : 123-123
Format : N1.0
Comment : TQS2-14I: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	5	0.5
Agree	2	7	0.6
Disagree	3	299	27.4
Disagree a lot	4	597	54.8
Not administered	8	137	12.6
Omitted	9	45	4.1
		1,090	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school facility (building and grounds) is in need of significant repair

Variable Name : BTBGCURE Gen\Current School\Needs Repair Q15a
 Record Number : 1
 Position : 124-124
 Format : N1.0
 Comment : TQS2-15A: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	125	11.5
Agree	2	187	17.2
Disagree	3	430	39.5
Disagree a lot	4	191	17.5
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school is located in a safe neighborhood

Variable Name : BTBGCUSN Gen\Current School\Safe Neighborhood Q15b
 Record Number : 1
 Position : 125-125
 Format : N1.0
 Comment : TQS2-15B: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	409	37.5
Agree	2	446	40.9
Disagree	3	60	5.5
Disagree a lot	4	18	1.7
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. I feel safe at this school

Variable Name : BTBGCUSA Gen\Current School\Feel Safe At School Q15c
Record Number : 1
Position : 126-126
Format : N1.0
Comment : TQS2-15C: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	455	41.7
Agree	2	436	40.0
Disagree	3	40	3.7
Disagree a lot	4	2	0.2
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

Thinking about your school, indicate the extent to which you agree or disagree with each of the following statements about your school. This school's security policies and practices are sufficient

Variable Name : BTBGCUAS Gen\Current School\Security Policies Q15d
Record Number : 1
Position : 127-127
Format : N1.0
Comment : TQS2-15D: New Question

Response	Codes Percent	Unweighted Frequency	
Agree a lot	1	256	23.5
Agree	2	512	47.0
Disagree	3	134	12.3
Disagree a lot	4	31	2.8
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

How would you characterize each of the following within your school? Teachers' job satisfaction

Variable Name : BTBGCHTS Gen\Characterize\Teachers Job Satisfaction Q16a
Record Number : 1
Position : 128-128
Format : N1.0
Comment : TQS2-16A: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	111	10.2
High	2	381	35.0
Medium	3	324	29.7
Low	4	79	7.3
Very low	5	34	3.1
Not administered	8	133	12.2
Omitted	9	28	2.6
		1,090	100.0%

How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals

Variable Name : BTBGCHTU Gen\Characterize\Teachers Understanding Q16ab
Record Number : 1
Position : 129-129
Format : N1.0
Comment : TQS2-16B: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	199	18.3
High	2	497	45.6
Medium	3	189	17.3
Low	4	38	3.5
Very low	5	6	0.6
Not administered	8	133	12.2
Omitted	9	28	2.6
		1,090	100.0%

How would you characterize each of the following within your school? Teachers' degree of success in implementing the school's curriculum

Variable Name : BTBGCHTC Gen\Characterize\Teachers Degree Of Success Q16c
Record Number : 1
Position : 130-130
Format : N1.0
Comment : TQS2-16C: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	182	16.7
High	2	470	43.1
Medium	3	253	23.2
Low	4	24	2.2
Very low	5	0	0.0
Not administered	8	133	12.2
Omitted	9	28	2.6
		1,090	100.0%

How would you characterize each of the following within your school? Teachers' expectations for student achievement

Variable Name : BTBGCHES Gen\Characterize\Teachers Expectations Q16d
Record Number : 1
Position : 131-131
Format : N1.0
Comment : TQS2-16D: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	252	23.1
High	2	452	41.5
Medium	3	190	17.4
Low	4	33	3.0
Very low	5	1	0.1
Not administered	8	133	12.2
Omitted	9	29	2.7
		1,090	100.0%

How would you characterize each of the following within your school? Parental support for student achievement

Variable Name : BTBGCHPS Gen\Characterize\Parental Support Q16e
Record Number : 1
Position : 132-132
Format : N1.0
Comment : TQS2-16E: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	111	10.2
High	2	202	18.5
Medium	3	311	28.5
Low	4	219	20.1
Very low	5	86	7.9
Not administered	8	133	12.2
Omitted	9	28	2.6
		1,090	100.0%

How would you characterize each of the following within your school? Parental involvement in school activities

Variable Name : BTBGCHPI Gen\Characterize\Parental Involvement Q16f
Record Number : 1
Position : 133-133
Format : N1.0
Comment : TQS2-16F: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	90	8.3
High	2	176	16.2
Medium	3	320	29.4
Low	4	229	21.0
Very low	5	113	10.4
Not administered	8	133	12.2
Omitted	9	29	2.7
		1,090	100.0%

How would you characterize each of the following within your school? Students' regard for school property

Variable Name : BTBGCHSR Gen\Characterize\Regard For Property Q16g
Record Number : 1
Position : 134-134
Format : N1.0
Comment : TQS2-16G: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	11	1.0
High	2	157	14.4
Medium	3	383	35.1
Low	4	278	25.5
Very low	5	104	9.5
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

How would you characterize each of the following within your school? Students' desire to do well in school

Variable Name : BTBGCHSD Gen\Characterize\Students Desire To Do Well Q16h
Record Number : 1
Position : 135-135
Format : N1.0
Comment : TQS2-16H: New Question

Response	Codes Percent	Unweighted Frequency	
Very high	1	32	2.9
High	2	231	21.2
Medium	3	407	37.3
Low	4	221	20.3
Very low	5	42	3.9
Not administered	8	133	12.2
Omitted	9	24	2.2
		1,090	100.0%

How many students are in the class with the TIMSS students?

Variable Name : BTBSSTUD Sci\Number Of Students In The Class Q17
Record Number : 1
Position : 136-138
Format : N3.0
Comment : TQS2-17: Modified from TIMSS99: TQS2B-1 BTBSBOY BTBSGIRL

Response	Codes Percent	Unweighted Frequency	
5-54		747	68.5
Not administered	998	137	12.6
Omitted	999	206	18.9
		1,090	100.0%

How many minutes per week do you teach science to the class with the TIMSS students?

Variable Name : BTBSTIMT Sci\Minutes Teach Sci Per Week To Class Q18
Record Number : 1
Position : 139-141
Format : N3.0
Comment : TQS2-18: Modified from TIMSS99: TQS2B-3 BTBSTIME

Response	Codes Percent	Unweighted Frequency	
40-300		676	62.0
Not administered	998	137	12.6
Omitted	999	277	25.4
		1,090	100.0%

Do you use a textbook(s) in teaching science to the class with the TIMSS students?

Variable Name : BTBSTBTC Sci\Textbook\Use For Science Q19A
Record Number : 1
Position : 142-142
Format : N1.0
Comment : TQS2-19A: Modified from TIMSS99: TQS2B-4A BTBSTXBK

Response	Codes Percent	Unweighted Frequency	
Yes	1	746	68.4
No	2	61	5.6
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	146	13.4
		1,090	100.0%

How do you use a textbook(s) in teaching science to the class with the TIMSS students?

Variable Name : BTBSTXBU Sci\Textbook\Used How In Teaching Sci Q19B
Record Number : 1
Position : 143-143
Format : N1.0
Comment : TQS2-19B: New Question

Response	Codes Percent	Unweighted Frequency	
As the primary basis for my lessons	1	299	27.4
As a supplementary resource	2	431	39.5
Missing	6	61	5.6
Not administered	8	137	12.6
Omitted	9	162	14.9
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Reviewing homework

Variable Name : BTBSPTRH Sci\Percentage Spent\Review Homework Q20a
Record Number : 1
Position : 144-146
Format : N3.0
Comment : TQS2-20A: Modified from TIMSS99: TQS2B-12B BTBSAC02

Response	Codes Percent	Unweighted Frequency	
0-40		785	72.0
Not administered	998	137	12.6
Omitted	999	168	15.4
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Listening to lecture-style presentations

Variable Name : BTBSPTLS Sci\Percentage Spent\Listening To Presentations Q20b
Record Number : 1
Position : 147-149
Format : N3.0
Comment : TQS2-20B: Modified from TIMSS99: TQS2B-12C BTBSAC03

Response	Codes Percent	Unweighted Frequency	
0-80		785	72.0
Not administered	998	137	12.6
Omitted	999	168	15.4
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Working problems with your guidance

Variable Name : BTBSPTYG Sci\Percentage Spent\Working Problems Q20c
Record Number : 1
Position : 150-152
Format : N3.0
Comment : TQS2-20C: Modified from TIMSS99: TQS2B-12D BTBSAC04

Response	Codes Percent	Unweighted Frequency	
0-76		785	72.0
Not administered	998	137	12.6
Omitted	999	168	15.4
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Working problems on their own without your guidance

Variable Name : BTBSPTOO Sci\Percentage Spent\Working Problems On Own Q20d
Record Number : 1
Position : 153-155
Format : N3.0
Comment : TQS2-20D: Modified from TIMSS99: TQS2B-12F BTBSAC06

Response	Codes Percent	Unweighted Frequency	
0-85		783	71.8
Not administered	998	137	12.6
Omitted	999	170	15.6
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Listening to you re-teach and clarify content/procedures

Variable Name : BTBSPTRT Sci\Percentage Spent\Listen To Reteach Q20e
Record Number : 1
Position : 156-158
Format : N3.0
Comment : TQS2-20E: Modified from TIMSS99: TQS2B-12E BTBSAC05

Response	Codes Percent	Unweighted Frequency	
0-50		783	71.8
Not administered	998	137	12.6
Omitted	999	170	15.6
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Taking tests or quizzes

Variable Name : BTBSPTTQ Sci\Percentage Spent\Tests Or Quizzes Q20f
Record Number : 1
Position : 159-161
Format : N3.0
Comment : TQS2-20F: Modified from TIMSS99: TQS2B-12G BTBSAC07

Response	Codes Percent	Unweighted Frequency	
0-35		784	71.9
Not administered	998	137	12.6
Omitted	999	169	15.5
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Participating in classroom management tasks not related to the lesson's content/purpose (e.g., inte

Variable Name : BTBSPTCM Sci\Percentage Spent\Participate In Clsroom Q20g
Record Number : 1
Position : 162-164
Format : N3.0
Comment : TQS2-20G: New Question

Response	Codes Percent	Unweighted Frequency	
0-95		784	71.9
Not administered	998	137	12.6
Omitted	999	169	15.5
		1,090	100.0%

In a typical week of science lessons for the class with the TIMSS students, what percentage of time do students spend on each of the following activities? Other student activities

Variable Name : BTBSPTOA Sci\Percentage Spent\Other Activities Q20h
Record Number : 1
Position : 165-167
Format : N3.0
Comment : TQS2-20H: Modified from TIMSS99: TQS2B-12J BTBSAC10

Response	Codes Percent	Unweighted Frequency	
0-80		772	70.8
Not administered	998	137	12.6
Omitted	999	181	16.6
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Watch me demonstrate an experiment or investigation

Variable Name : BTBSCSWD Sci\How Often Ask\Watch Me Demonstrate Q21a
Record Number : 1
Position : 168-168
Format : N1.0
Comment : TQS2-21A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	32	2.9
About half the lessons	2	143	13.1
Some lessons	3	627	57.5
Never	4	35	3.2
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	116	10.6
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Formulate hypotheses or predictions to be tested

Variable Name : BTBSCSFT Sci\How Often Ask\Formulate Hypothesis Q21b
Record Number : 1
Position : 169-169
Format : N1.0
Comment : TQS2-21B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	142	13.0
About half the lessons	2	223	20.5
Some lessons	3	453	41.6
Never	4	18	1.7
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	117	10.7
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Design or plan experiments or investigations

Variable Name : BTBSCSDP Sci\How Often Ask\Design Or Plan Q21c
Record Number : 1
Position : 170-170
Format : N1.0
Comment : TQS2-21C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	59	5.4
About half the lessons	2	174	16.0
Some lessons	3	545	50.0
Never	4	58	5.3
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	117	10.7
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Conduct experiments or investigations

Variable Name : BTBSCSEI Sci\How Often Ask\Conduct Experiments Q21d
Record Number : 1
Position : 171-171
Format : N1.0
Comment : TQS2-21D: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	149	13.7
About half the lessons	2	286	26.2
Some lessons	3	380	34.9
Never	4	19	1.7
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	119	10.9
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Work together in small groups on experiments or investigations

Variable Name : BTBSCSSG Sci\How Often Ask\Work In Small Groups Q21e
Record Number : 1
Position : 172-172
Format : N1.0
Comment : TQS2-21E: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	221	20.3
About half the lessons	2	309	28.4
Some lessons	3	291	26.7
Never	4	15	1.4
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	117	10.7
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Write explanations about what was observed and why it happened

Variable Name : BTBSCSWE Sci\How Often Ask\Write Explanations Q21f
 Record Number : 1
 Position : 173-173
 Format : N1.0
 Comment : TQS2-21F: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	213	19.5
About half the lessons	2	258	23.7
Some lessons	3	351	32.2
Never	4	13	1.2
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	118	10.8
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Put events or objects in order and give a reason for the organization

Variable Name : BTBSCSRO Sci\How Often Ask\Put Events Or Objects Q21g
 Record Number : 1
 Position : 174-174
 Format : N1.0
 Comment : TQS2-21G: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	96	8.8
About half the lessons	2	189	17.3
Some lessons	3	493	45.2
Never	4	51	4.7
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Study the impact of technology on society

Variable Name : BTBSCSIT Sci\How Often Ask\Impact Of Technology Q21h
Record Number : 1
Position : 175-175
Format : N1.0
Comment : TQS2-21H: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	55	5.1
About half the lessons	2	136	12.5
Some lessons	3	566	51.9
Never	4	75	6.9
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Learn about the nature of science and inquiry

Variable Name : BTBSCSLN Sci\How Often Ask\Learn About Nature Q21i
Record Number : 1
Position : 176-176
Format : N1.0
Comment : TQS2-21I: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	206	18.9
About half the lessons	2	261	23.9
Some lessons	3	351	32.2
Never	4	16	1.5
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	119	10.9
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Relate what they are learning in science to their daily lives

Variable Name : BTBSCSDL Sci\How Often Ask\Relate To Daily Life Q21j
Record Number : 1
Position : 177-177
Format : N1.0
Comment : TQS2-21J: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	340	31.2
About half the lessons	2	315	28.9
Some lessons	3	172	15.8
Never	4	6	0.6
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

In teaching science to the students in the class with the TIMSS students, how often do you usually ask them to do the following? Present their work to the class

Variable Name : BTBSCSPW Sci\How Often Ask\Present Work To Class Q21k
Record Number : 1
Position : 178-178
Format : N1.0
Comment : TQS2-21K: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	38	3.5
About half the lessons	2	162	14.9
Some lessons	3	562	51.6
Never	4	70	6.4
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Students with different academic abilities

Variable Name : BTBGLT01 Gen\Limit To Teach\Different Academic Ab Q22a
Record Number : 1
Position : 179-179
Format : N1.0
Comment : TQS2-22A: Modified from TIMSS99: TQS2B-14A BTBSLM01

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	12	1.1
Not at all	2	119	10.9
A little	3	272	25.0
Some	4	254	23.3
A lot	5	180	16.5
Not administered	8	137	12.6
Omitted	9	116	10.6
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Students who come from a wide range of backgrounds (e.g., economic, language)

Variable Name : BTBGLT02 Gen\Limit To Teach\Wide Range Of Background Q22b
Record Number : 1
Position : 180-180
Format : N1.0
Comment : TQS2-22B: Modified from TIMSS99: TQS2B-14B BTBSLM02

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	25	2.3
Not at all	2	302	27.7
A little	3	236	21.7
Some	4	192	17.6
A lot	5	83	7.6
Not administered	8	137	12.6
Omitted	9	115	10.6
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Students with special needs (e.g., hearing, vision, speech impairment, physical disabilities, mental or emotional/psychological impairment)

Variable Name : BTBGLT03 Gen\Limit To Teach\Special Needs Q22c
Record Number : 1
Position : 181-181
Format : N1.0
Comment : TQS2-22C: Modified from TIMSS99: TQS2B-14C BTBSLM03

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	73	6.7
Not at all	2	214	19.6
A little	3	302	27.7
Some	4	160	14.7
A lot	5	89	8.2
Not administered	8	137	12.6
Omitted	9	115	10.6
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students?
Uninterested students

Variable Name : BTBGLT04 Gen\Limit To Teach\Uninterested Students Q22d
Record Number : 1
Position : 182-182
Format : N1.0
Comment : TQS2-22D: Modified from TIMSS99: TQM2B-14D BTBSLM04

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	13	1.2
Not at all	2	122	11.2
A little	3	264	24.2
Some	4	291	26.7
A lot	5	144	13.2
Not administered	8	137	12.6
Omitted	9	119	10.9
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Low morale among students

Variable Name : BTBGLT05 Gen\Limit To Teach\Low Morale Among Stud Q22e
Record Number : 1
Position : 183-183
Format : N1.0
Comment : TQS2-22E: Modified from TIMSS99: TQS2B-14O BTBSLM15

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	32	2.9
Not at all	2	215	19.7
A little	3	254	23.3
Some	4	245	22.5
A lot	5	86	7.9
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Disruptive students

Variable Name : BTBGLT06 Gen\Limit To Teach\Disruptive Students Q22f
Record Number : 1
Position : 184-184
Format : N1.0
Comment : TQS2-22F: Modified from TIMSS99: TQS2B-14E BTBSLM05

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	10	0.9
Not at all	2	125	11.5
A little	3	315	28.9
Some	4	234	21.5
A lot	5	157	14.4
Not administered	8	137	12.6
Omitted	9	112	10.3
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of computer hardware

Variable Name : BTBGLT07 Gen\Limit To Teach\Shortage Computer Hardware Q22g
Record Number : 1
Position : 185-185
Format : N1.0
Comment : TQS2-22G: Modified from TIMSS99: TQS2B-14H BTBSLM08

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	28	2.6
Not at all	2	232	21.3
A little	3	201	18.4
Some	4	203	18.6
A lot	5	177	16.2
Not administered	8	137	12.6
Omitted	9	112	10.3
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of computer software

Variable Name : BTBGLT08 Gen\Limit To Teach\Shortage Computer Software Q22h
Record Number : 1
Position : 186-186
Format : N1.0
Comment : TQS2-22H: Modified from TIMSS99: TQS2B-14I BTBSLM09

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	26	2.4
Not at all	2	234	21.5
A little	3	230	21.1
Some	4	196	18.0
A lot	5	151	13.9
Not administered	8	137	12.6
Omitted	9	116	10.6
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of support for using computers

Variable Name : BTBGLT09 Gen\Limit To Teach\Support Computer Use Q22i
Record Number : 1
Position : 187-187
Format : N1.0
Comment : TQS2-22I: New Question

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	29	2.7
Not at all	2	351	32.2
A little	3	197	18.1
Some	4	165	15.1
A lot	5	98	9.0
Not administered	8	137	12.6
Omitted	9	113	10.4
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of textbooks for student use

Variable Name : BTBGLT10 Gen\Limit To Teach\Textbooks For Student Q22j
Record Number : 1
Position : 188-188
Format : N1.0
Comment : TQS2-22J: New Question

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	87	8.0
Not at all	2	560	51.4
A little	3	82	7.5
Some	4	44	4.0
A lot	5	66	6.1
Not administered	8	137	12.6
Omitted	9	114	10.5
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of other instructional equipment for students' use

Variable Name : BTBGLT11 Gen\Limit To Teach\Instructional Equipment Q22k
Record Number : 1
Position : 189-189
Format : N1.0
Comment : TQS2-22K: Modified from TIMSS99: TQS2B-14J BTBSLM10

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	19	1.7
Not at all	2	276	25.3
A little	3	269	24.7
Some	4	169	15.5
A lot	5	109	10.0
Not administered	8	137	12.6
Omitted	9	111	10.2
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Shortage of equipment for your use in demonstrations and other exercises

Variable Name : BTBGLT12 Gen\Limit To Teach\Demonstration Equipment Q22l
Record Number : 1
Position : 190-190
Format : N1.0
Comment : TQS2-22L: Modified from TIMSS99: TQS2B-14K BTBSLM11

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	25	2.3
Not at all	2	233	21.4
A little	3	276	25.3
Some	4	167	15.3
A lot	5	142	13.0
Not administered	8	137	12.6
Omitted	9	110	10.1
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? Inadequate physical facilities

Variable Name : BTBGLT13 Gen\Limit To Teach\Inadequate Physical Facilities Q22m
Record Number : 1
Position : 191-191
Format : N1.0
Comment : TQS2-22M: Modified from TIMSS99: TQS2B-14I BTBSLM12

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	44	4.0
Not at all	2	404	37.1
A little	3	149	13.7
Some	4	125	11.5
A lot	5	120	11.0
Not administered	8	137	12.6
Omitted	9	111	10.2
		1,090	100.0%

In your view, to what extent do the following limit how you teach the class with the TIMSS students? High student/teacher ratio

Variable Name : BTBGLT14 Gen\Limit To Teach\High Student Teacher Q22n
Record Number : 1
Position : 192-192
Format : N1.0
Comment : TQS2-22N: Modified from TIMSS99: TQS2B-14M BTBSLM13

Response	Codes Percent	Unweighted Frequency	
Not applicable	1	47	4.3
Not at all	2	240	22.0
A little	3	235	21.6
Some	4	181	16.6
A lot	5	139	12.8
Not administered	8	137	12.6
Omitted	9	111	10.2
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Life science

Variable Name : BTBSCCLSC Sci\Percent Of Teaching Spent\Life Science Q23a
Record Number : 1
Position : 193-195
Format : N3.0
Comment : TQS2-23A: New Question

Response	Codes Percent	Unweighted Frequency	
0-92		812	74.5
Not administered	998	137	12.6
Omitted	999	141	12.9
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Chemistry

Variable Name : BTBSCCHE Sci\Percent Of Teaching Spent\Chemistry Q23b
Record Number : 1
Position : 196-198
Format : N3.0
Comment : TQS2-23B: New Question

Response	Codes Percent	Unweighted Frequency	
0-100		810	74.3
Not administered	998	137	12.6
Omitted	999	143	13.1
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Physics

Variable Name : BTBSCPHY Sci\Percent Of Teaching Spent\Physics Q23c
Record Number : 1
Position : 199-201
Format : N3.0
Comment : TQS2-23C: New Question

Response	Codes Percent	Unweighted Frequency	
0-94		810	74.3
Not administered	998	137	12.6
Omitted	999	143	13.1
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Earth science

Variable Name : BTBSCESC Sci\Percent Of Teaching Spent\Earth Sci Q23d
Record Number : 1
Position : 202-204
Format : N3.0
Comment : TQS2-23D: New Question

Response	Codes Percent	Unweighted Frequency	
0-96		799	73.3
Not administered	998	137	12.6
Omitted	999	154	14.1
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Environmental science

Variable Name : BTBSCENS Sci\Percent Of Teaching Spent\Environmenal Sci Q23e
Record Number : 1
Position : 205-207
Format : N3.0
Comment : TQS2-23E: New Question

Response	Codes Percent	Unweighted Frequency	
0-50		799	73.3
Not administered	998	137	12.6
Omitted	999	154	14.1
		1,090	100.0%

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the class with the TIMSS students? Other, please specify:

Variable Name : BTBSCOTH Sci\Percent Of Teaching Spent\Other Q23f
 Record Number : 1
 Position : 208-210
 Format : N3.0
 Comment : TQS2-23F: New Question

Response	Codes Percent	Unweighted Frequency	
0-80		658	60.4
Not administered	998	137	12.6
Omitted	999	295	27.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Classification of organisms

Variable Name : BTBSTO01 Sci\Taught Topic\Bio\Classification Q24Aa
 Record Number : 1
 Position : 211-211
 Format : N1.0
 Comment : TQS2-24AA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	613	56.2
Mostly taught this year	2	116	10.6
Not yet taught or just introduced	3	99	9.1
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The major organ systems in humans and other organisms

Variable Name : BTBSTO02 Sci\Taught Topic\Bio\Major Organ Systems Q24Ab
 Record Number : 1
 Position : 212-212
 Format : N1.0
 Comment : TQS2-24AB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	621	57.0
Mostly taught this year	2	129	11.8
Not yet taught or just introduced	3	83	7.6
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. How systems function to maintain stable bodily conditions

Variable Name : BTBSTO03 Sci\Taught Topic\Bio\How System Function Q24Ac
Record Number : 1
Position : 213-213
Format : N1.0
Comment : TQS2-24AC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	592	54.3
Mostly taught this year	2	138	12.7
Not yet taught or just introduced	3	101	9.3
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Cell structures and functions

Variable Name : BTBSTO04 Sci\Taught Topic\Bio\Cell Structures Q24Ad
Record Number : 1
Position : 214-214
Format : N1.0
Comment : TQS2-24AD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	611	56.1
Mostly taught this year	2	158	14.5
Not yet taught or just introduced	3	64	5.9
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Photosynthesis and respiration

Variable Name : BTBSTO05 Sci\Taught Topic\Bio\Photosynthesis Q24Ae
Record Number : 1
Position : 215-215
Format : N1.0
Comment : TQS2-24AE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	567	52.0
Mostly taught this year	2	182	16.7
Not yet taught or just introduced	3	82	7.5
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Life cycles of organisms

Variable Name : BTBSTO06 Sci\Taught Topic\Bio\Life Cycles Q24Af
 Record Number : 1
 Position : 216-216
 Format : N1.0
 Comment : TQS2-24AF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	599	55.0
Mostly taught this year	2	139	12.8
Not yet taught or just introduced	3	94	8.6
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes class with the TIMSS students have been taught each topic. Reproduction and heredity versus inherited acquired/learned characteristics

Variable Name : BTBSTO07 Sci\Taught Topic\Bio\Reproduction Q24Ag
 Record Number : 1
 Position : 217-217
 Format : N1.0
 Comment : TQS2-24AG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	497	45.6
Mostly taught this year	2	209	19.2
Not yet taught or just introduced	3	127	11.7
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The role of variation and adaptation in survival/extinction

Variable Name : BTBSTO08 Sci\Taught Topic\Bio\Role Of Variation Q24Ah
 Record Number : 1
 Position : 218-218
 Format : N1.0
 Comment : TQS2-24AH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	457	41.9
Mostly taught this year	2	247	22.7
Not yet taught or just introduced	3	125	11.5
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The interaction of living organisms in an ecosystem

Variable Name : BTBSTO09 Sci\Taught Topic\Bio\Interaction Ecosystem Q24Ai
Record Number : 1
Position : 219-219
Format : N1.0
Comment : TQS2-24AI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	548	50.3
Mostly taught this year	2	219	20.1
Not yet taught or just introduced	3	65	6.0
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Cycling of materials in nature

Variable Name : BTBSTO10 Sci\Taught Topic\Bio\Cycling Materials Q24Aj
Record Number : 1
Position : 220-220
Format : N1.0
Comment : TQS2-24AJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	443	40.6
Mostly taught this year	2	287	26.3
Not yet taught or just introduced	3	98	9.0
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Causes of common infectious diseases

Variable Name : BTBSTO11 Sci\Taught Topic\Bio\Causes Of Disease Q24Ak
Record Number : 1
Position : 221-221
Format : N1.0
Comment : TQS2-24AK: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	502	46.1
Mostly taught this year	2	149	13.7
Not yet taught or just introduced	3	182	16.7
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Preventive medicine methods

Variable Name : BTBSTO12 Sci\Taught Topic\Bio\Preventive Medicine Q24AI
Record Number : 1
Position : 222-222
Format : N1.0
Comment : TQS2-24AL: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	519	47.6
Mostly taught this year	2	152	13.9
Not yet taught or just introduced	3	158	14.5
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Classification and composition of matter

Variable Name : BTBSTO13 Sci\Taught Topic\Che\Classification Q24Ba
Record Number : 1
Position : 223-223
Format : N1.0
Comment : TQS2-24BA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	189	17.3
Mostly taught this year	2	526	48.3
Not yet taught or just introduced	3	114	10.5
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Properties of solutions

Variable Name : BTBSTO14 Sci\Taught Topic\Che\Prop Of Solutions Q24Bb
Record Number : 1
Position : 224-224
Format : N1.0
Comment : TQS2-24BB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	172	15.8
Mostly taught this year	2	423	38.8
Not yet taught or just introduced	3	235	21.6
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Particulate structure of matter

Variable Name : BTBSTO15 Sci\Taught Topic\Che\Structure Of Matter Q24Bc
Record Number : 1
Position : 225-225
Format : N1.0
Comment : TQS2-24BC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	156	14.3
Mostly taught this year	2	572	52.5
Not yet taught or just introduced	3	100	9.2
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Properties and uses of water

Variable Name : BTBSTO16 Sci\Taught Topic\Che\Uses Of Water Q24Bd
Record Number : 1
Position : 226-226
Format : N1.0
Comment : TQS2-24BD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	195	17.9
Mostly taught this year	2	505	46.3
Not yet taught or just introduced	3	130	11.9
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The properties and uses of common acids and bases

Variable Name : BTBSTO17 Sci\Taught Topic\Che\Uses Of Acids Q24Be
Record Number : 1
Position : 227-227
Format : N1.0
Comment : TQS2-24BE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	178	16.3
Mostly taught this year	2	339	31.1
Not yet taught or just introduced	3	310	28.4
Not administered	8	137	12.6
Omitted	9	126	11.6
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Chemical change

Variable Name : BTBSTO18 Sci\Taught Topic\Che\Chemical Change Q24Bf
Record Number : 1
Position : 228-228
Format : N1.0
Comment : TQS2-24BF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	133	12.2
Mostly taught this year	2	477	43.8
Not yet taught or just introduced	3	219	20.1
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The need for oxygen in common oxidation reactions

Variable Name : BTBSTO19 Sci\Taught Topic\Che\Oxygen In Oxidation Q24Bg
Record Number : 1
Position : 229-229
Format : N1.0
Comment : TQS2-24BG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	124	11.4
Mostly taught this year	2	373	34.2
Not yet taught or just introduced	3	333	30.6
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Classification of familiar chemical transformations

Variable Name : BTBSTO20 Sci\Taught Topic\Che\Chemical Transform Q24Bh
Record Number : 1
Position : 230-230
Format : N1.0
Comment : TQS2-24BH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	125	11.5
Mostly taught this year	2	396	36.3
Not yet taught or just introduced	3	305	28.0
Not administered	8	137	12.6
Omitted	9	127	11.7
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Physical states and changes in matter

Variable Name : BTBSTO21 Sci\Taught Topic\Phy\States And Changes Q24Ca
Record Number : 1
Position : 231-231
Format : N1.0
Comment : TQS2-24CA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	173	15.9
Mostly taught this year	2	536	49.2
Not yet taught or just introduced	3	117	10.7
Not administered	8	137	12.6
Omitted	9	127	11.7
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The processes of melting, freezing, evaporation, and condensation

Variable Name : BTBSTO22 Sci\Taught Topic\Phy\Process Of Melting Q24Cb
Record Number : 1
Position : 232-232
Format : N1.0
Comment : TQS2-24CB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	196	18.0
Mostly taught this year	2	512	47.0
Not yet taught or just introduced	3	123	11.3
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Energy types, sources, and conversions, including heat transfer

Variable Name : BTBSTO23 Sci\Taught Topic\Phy\Energy Types Q24Cc
Record Number : 1
Position : 233-233
Format : N1.0
Comment : TQS2-24CC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	134	12.3
Mostly taught this year	2	500	45.9
Not yet taught or just introduced	3	195	17.9
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Thermal expansion and changes in volume and/or pressure

Variable Name : BTBSTO24 Sci\Taught Topic\Phy\Thermal Expansion Q24Cd
Record Number : 1
Position : 234-234
Format : N1.0
Comment : TQS2-24CD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	135	12.4
Mostly taught this year	2	409	37.5
Not yet taught or just introduced	3	282	25.9
Not administered	8	137	12.6
Omitted	9	127	11.7
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Basic properties/behavior of light

Variable Name : BTBSTO25 Sci\Taught Topic\Phy\Basic Properties Q24Ce
Record Number : 1
Position : 235-235
Format : N1.0
Comment : TQS2-24CE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	220	20.2
Mostly taught this year	2	294	27.0
Not yet taught or just introduced	3	316	29.0
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Properties of sound

Variable Name : BTBSTO26 Sci\Taught Topic\Phy\Properties Of Sound Q24Cf
Record Number : 1
Position : 236-236
Format : N1.0
Comment : TQS2-24CF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	219	20.1
Mostly taught this year	2	249	22.8
Not yet taught or just introduced	3	360	33.0
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Electric circuits and relationship between voltage and current

Variable Name : BTBSTO27 Sci\Taught Topic\Phy\Electric Circuits Q24Cg
Record Number : 1
Position : 237-237
Format : N1.0
Comment : TQS2-24CG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	224	20.6
Mostly taught this year	2	206	18.9
Not yet taught or just introduced	3	402	36.9
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Properties of permanent magnets and electromagnets

Variable Name : BTBSTO28 Sci\Taught Topic\Phy\Properties Of Magnets Q24Ch
Record Number : 1
Position : 238-238
Format : N1.0
Comment : TQS2-24CH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	246	22.6
Mostly taught this year	2	199	18.3
Not yet taught or just introduced	3	384	35.2
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Forces and motion, use of distance/time graphs

Variable Name : BTBSTO29 Sci\Taught Topic\Phy\Forces And Motion Q24Ci
Record Number : 1
Position : 239-239
Format : N1.0
Comment : TQS2-24CI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	236	21.7
Mostly taught this year	2	404	37.1
Not yet taught or just introduced	3	192	17.6
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Effects of density and pressure

Variable Name : BTBSTO30 Sci\Taught Topic\Phy\Effects Of Density Q24Cj
Record Number : 1
Position : 240-240
Format : N1.0
Comment : TQS2-24CJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	142	13.0
Mostly taught this year	2	484	44.4
Not yet taught or just introduced	3	200	18.4
Not administered	8	137	12.6
Omitted	9	127	11.7
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Earth's structure and physical features

Variable Name : BTBSTO31 Sci\Taught Topic\Earth Sci\Structure Q24Da
 Record Number : 1
 Position : 241-241
 Format : N1.0
 Comment : TQS2-24DA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	361	33.1
Mostly taught this year	2	360	33.0
Not yet taught or just introduced	3	111	10.2
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The physical state, movement, composition, and relative distribution of water on the earth

Variable Name : BTBSTO32 Sci\Taught Topic\Earth Sci\Physical State Q24Db
 Record Number : 1
 Position : 242-242
 Format : N1.0
 Comment : TQS2-24DB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	371	34.0
Mostly taught this year	2	333	30.6
Not yet taught or just introduced	3	121	11.1
Not administered	8	137	12.6
Omitted	9	128	11.7
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The Earth's atmosphere and the relative abundance of its main components

Variable Name : BTBSTO33 Sci\Taught Topic\Earth Sci\Atmosphere Q24Dc
Record Number : 1
Position : 243-243
Format : N1.0
Comment : TQS2-24DC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	357	32.8
Mostly taught this year	2	322	29.5
Not yet taught or just introduced	3	143	13.1
Not administered	8	137	12.6
Omitted	9	131	12.0
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Earth's water cycle

Variable Name : BTBSTO34 Sci\Taught Topic\Earth Sci\Water Cycle Q24Dd
Record Number : 1
Position : 244-244
Format : N1.0
Comment : TQS2-24DD: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	364	33.4
Mostly taught this year	2	360	33.0
Not yet taught or just introduced	3	100	9.2
Not administered	8	137	12.6
Omitted	9	129	11.8
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Processes in the rock cycle

Variable Name : BTBSTO35 Sci\Taught Topic\Earth Sci\Rock Cycle Q24De
Record Number : 1
Position : 245-245
Format : N1.0
Comment : TQS2-24DE: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	341	31.3
Mostly taught this year	2	351	32.2
Not yet taught or just introduced	3	140	12.8
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Weather data/maps, and changes in weather patterns

Variable Name : BTBSTO36 Sci\Taught Topic\Earth Sci\Weather Data Q24Df
Record Number : 1
Position : 246-246
Format : N1.0
Comment : TQS2-24DF: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	367	33.7
Mostly taught this year	2	303	27.8
Not yet taught or just introduced	3	157	14.4
Not administered	8	137	12.6
Omitted	9	126	11.6
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Geological processes occurring over billions of years

Variable Name : BTBSTO37 Sci\Taught Topic\Earth Sci\Geo Process Q24Dg
Record Number : 1
Position : 247-247
Format : N1.0
Comment : TQS2-24DG: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	317	29.1
Mostly taught this year	2	389	35.7
Not yet taught or just introduced	3	124	11.4
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Formation of fossils and fossil fuels

Variable Name : BTBSTO38 Sci\Taught Topic\Earth Sci\Fossils Q24Dh
Record Number : 1
Position : 248-248
Format : N1.0
Comment : TQS2-24DH: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	314	28.8
Mostly taught this year	2	359	32.9
Not yet taught or just introduced	3	156	14.3
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Explanation of phenomena on Earth

Variable Name : BTBSTO39 Sci\Taught Topic\Earth Sci\Bodies In Solar System Q24Di
Record Number : 1
Position : 249-249
Format : N1.0
Comment : TQS2-24DI: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	337	30.9
Mostly taught this year	2	368	33.8
Not yet taught or just introduced	3	122	11.2
Not administered	8	137	12.6
Omitted	9	126	11.6
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The physical features of Earth compared with the moon/other planets

Variable Name : BTBSTO40 Sci\Taught Topic\Earth Sci\Physical Features Q24Dj
Record Number : 1
Position : 250-250
Format : N1.0
Comment : TQS2-24DJ: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	338	31.0
Mostly taught this year	2	359	32.9
Not yet taught or just introduced	3	130	11.9
Not administered	8	137	12.6
Omitted	9	126	11.6
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. The Sun as a star

Variable Name : BTBSTO41 Sci\Taught Topic\Earth Sci\Sun As Star Q24Dk
Record Number : 1
Position : 251-251
Format : N1.0
Comment : TQS2-24DK: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	326	29.9
Mostly taught this year	2	383	35.1
Not yet taught or just introduced	3	114	10.5
Not administered	8	137	12.6
Omitted	9	130	11.9
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Trends in human population and its effects on the environment

Variable Name : BTBSTO42 Sci\Taught Topic\Env Sci\Trends In Population Q24Ea
Record Number : 1
Position : 252-252
Format : N1.0
Comment : TQS2-24EA: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	252	23.1
Mostly taught this year	2	292	26.8
Not yet taught or just introduced	3	283	26.0
Not administered	8	137	12.6
Omitted	9	126	11.6
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Use and conservation of natural resources

Variable Name : BTBSTO43 Sci\Taught Topic\Env Sci\Natural Resources Q24Eb
Record Number : 1
Position : 253-253
Format : N1.0
Comment : TQS2-24EB: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	270	24.8
Mostly taught this year	2	363	33.3
Not yet taught or just introduced	3	198	18.2
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the class with the TIMSS students have been taught each topic. Changes in environments

Variable Name : BTBSTO44 Sci\Taught Topic\Env Sci\Changes Environment Q24Ec
Record Number : 1
Position : 254-254
Format : N1.0
Comment : TQS2-24EC: New Question

Response	Codes Percent	Unweighted Frequency	
Mostly taught before this year	1	265	24.3
Mostly taught this year	2	348	31.9
Not yet taught or just introduced	3	213	19.5
Not administered	8	137	12.6
Omitted	9	127	11.7
		1,090	100.0%

Do students in the class with the TIMSS students have computers available to use during their science lessons? Do not include calculators.

Variable Name : BTBSCOMA Sci\Computer\Available In Science Less Q25A
Record Number : 1
Position : 255-255
Format : N1.0
Comment : TQS2-25A: Modified from TIMSS99: TQS2B-8A,B BTBSCOM1,2

Response	Codes Percent	Unweighted Frequency	
Yes	1	590	54.1
No	2	254	23.3
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	109	10.0
		1,090	100.0%

Do any of the computers have access to the Internet?

Variable Name : BTBSINTA Sci\Computer\Access To Internet Q25B
Record Number : 1
Position : 256-256
Format : N1.0
Comment : TQS2-25B: Modified from TIMSS99: TQS2B-8C BTBSINT1

Response	Codes Percent	Unweighted Frequency	
Yes	1	516	47.3
No	2	15	1.4
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	168	15.4
		1,090	100.0%

In teaching science to the class with the TIMSS students, how often do you have students use a computer for the following activities? Do scientific procedures or experiments

Variable Name : BTBSCAPE Sci\Computer\Use\Scientific Procedures Q26a
Record Number : 1
Position : 257-257
Format : N1.0
Comment : TQS2-26A: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	3	0.3
About half the lessons	2	19	1.7
Some lessons	3	324	29.7
Never	4	237	21.7
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	116	10.6
		1,090	100.0%

In teaching science to the class with the TIMSS students, how often do you have students use a computer for the following activities? Study natural phenomena through simulations

Variable Name : BTBSCANP Sci\Computer\Use\Natural Phenomena Q26b
Record Number : 1
Position : 258-258
Format : N1.0
Comment : TQS2-26B: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	5	0.5
About half the lessons	2	16	1.5
Some lessons	3	319	29.3
Never	4	238	21.8
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

In teaching science to the class with the TIMSS students, how often do you have students use a computer for the following activities? Practice skills and procedures

Variable Name : BTBSCASP Sci\Computer\Use\Practice Skills Q26c
Record Number : 1
Position : 259-259
Format : N1.0
Comment : TQS2-26C: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	4	0.4
About half the lessons	2	37	3.4
Some lessons	3	318	29.2
Never	4	223	20.5
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	117	10.7
		1,090	100.0%

In teaching science to the class with the TIMSS students, how often do you have students use a computer for the following activities? Look up ideas and information

Variable Name : BTBSCALI Sci\Computer\Use\Look Up Ideas Q26d
Record Number : 1
Position : 260-260
Format : N1.0
Comment : TQS2-26D: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	35	3.2
About half the lessons	2	110	10.1
Some lessons	3	406	37.3
Never	4	32	2.9
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	116	10.6
		1,090	100.0%

In teaching science to the class with the TIMSS students, how often do you have students use a computer for the following activities? Process and analyze data

Variable Name : BTBSCAPA Sci\Computer\Use\Process Data Q26e
Record Number : 1
Position : 261-261
Format : N1.0
Comment : TQS2-26E: New Question

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	14	1.3
About half the lessons	2	75	6.9
Some lessons	3	321	29.5
Never	4	169	15.5
Missing	6	254	23.3
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

Do you assign science homework to the class with the TIMSS students?

Variable Name : BTBSHMWO Sci\Homework\Do You Assign Science Q27
Record Number : 1
Position : 262-262
Format : N1.0
Comment : TQS2-27: New Question

Response	Codes Percent	Unweighted Frequency	
Yes	1	780	71.6
No	2	60	5.5
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	113	10.4
		1,090	100.0%

How often do you usually assign science homework to the class with the TIMSS students?

Variable Name : BTBSHWMC Sci\Homework\Frequency Of Science Homework Q28
Record Number : 1
Position : 263-263
Format : N1.0
Comment : TQS2-28: Modified from TIMSS99: TQS2B-15 BTBSHMW2

Response	Codes Percent	Unweighted Frequency	
Every or almost every lesson	1	272	25.0
About half the lessons	2	258	23.7
Some lessons	3	246	22.6
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	117	10.7
		1,090	100.0%

When you assign science homework to the class with the TIMSS students, about how many minutes do you usually assign? (Consider the time it takes an average student in your class to complete the assignment.)

Variable Name : BTBSHWKM Sci\Homework\Minutes Assign In Class Q29
Record Number : 1
Position : 264-264
Format : N1.0
Comment : TQS2-29: Modified from TIMSS99: TQS2B-16 BTBSHWMA

Response	Codes Percent	Unweighted Frequency	
Fewer than 15 minutes	1	124	11.4
15-30 minutes	2	553	50.7
31-60 minutes	3	96	8.8
61-90 minutes	4	2	0.2
More than 90 minutes	5	0	0.0
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	118	10.8
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Doing problem/question sets**

Variable Name : BTBSKHCP Sci\Assign Kinds Of Homework\Problem Set Q30a
Record Number : 1
Position : 265-265
Format : N1.0
Comment : TQS2-30A: Modified from TIMSS99: TQS2B-17B BTBSPROR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	164	15.1
Sometimes	2	504	46.2
Never or almost never	3	102	9.4
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Finding one or more applications of the content covered**

Variable Name : BTBSKHCA Sci\Assign Kinds Of Homework\Find Applications Q30b
Record Number : 1
Position : 266-266
Format : N1.0
Comment : TQS2-30B: Modified from TIMSS99: TQS2B-17H BTBSFINR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	65	6.0
Sometimes	2	554	50.8
Never or almost never	3	151	13.9
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	123	11.3
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Reading from a textbook or supplementary materials**

Variable Name : BTBSKHCT Sci\Assign Kinds Of Homework\Read Textbook Q30c
Record Number : 1
Position : 267-267
Format : N1.0
Comment : TQS2-30C: Modified from TIMSS99: TQS2B-17C BTBSREAR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	167	15.3
Sometimes	2	424	38.9
Never or almost never	3	182	16.7
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Writing definitions or other short writing assignments**

Variable Name : BTBSKHCW Sci\Assign Kinds Of Homework\Write Definitions Q30d
Record Number : 1
Position : 268-268
Format : N1.0
Comment : TQS2-30D: Modified from TIMSS99: TQS2B-17D BTBSWRIR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	153	14.0
Sometimes	2	489	44.9
Never or almost never	3	130	11.9
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Working on projects**

Variable Name : BTBSKHCR Sci\Assign Kinds Of Homework\Work On Project Q30e
Record Number : 1
Position : 269-269
Format : N1.0
Comment : TQS2-30E: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	118	10.8
Sometimes	2	606	55.6
Never or almost never	3	48	4.4
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Working on small investigations or gathering data**

Variable Name : BTBSKHCS Sci\Assign Kinds Of Homework\Investigations Q30f
Record Number : 1
Position : 270-270
Format : N1.0
Comment : TQS2-30F: Modified from TIMSS99: TQS2B-17E BTBSDATR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	80	7.3
Sometimes	2	547	50.2
Never or almost never	3	145	13.3
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0

**How often do you assign the following kinds of science homework to the class with the TIMSS students?
Preparing reports**

Variable Name : BTBSKHCG Sci\Assign Kinds Of Homework\Reports Q30g
Record Number : 1
Position : 271-271
Format : N1.0
Comment : TQS2-30G: Modified from TIMSS99: TQS2B-171 BTBSORAR

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	58	5.3
Sometimes	2	557	51.1
Never or almost never	3	157	14.4
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	121	11.1
		1,090	100.0%

How often do you do the following with the science homework assignments? Monitor whether or not the homework was completed

Variable Name : BTBSHDAM Sci\Homework Assignments\Monitor Complete Q31a
Record Number : 1
Position : 272-272
Format : N1.0
Comment : TQS2-31A: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	705	64.7
Sometimes	2	63	5.8
Never or almost never	3	3	0.3
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

How often do you do the following with the science homework assignments? Correct assignments and then give feedback to students

Variable Name : BTBSHDAF Sci\Homework Assignments\Correct Assignment Q31b
Record Number : 1
Position : 273-273
Format : N1.0
Comment : TQS2-31B: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	482	44.2
Sometimes	2	254	23.3
Never or almost never	3	32	2.9
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

How often do you do the following with the science homework assignments? Have students correct their own homework in class

Variable Name : BTBSHDAC Sci\Homework Assignments\Student Correct Q31c
Record Number : 1
Position : 274-274
Format : N1.0
Comment : TQS2-31C: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	194	17.8
Sometimes	2	429	39.4
Never or almost never	3	145	13.3
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	125	11.5
		1,090	100.0%

How often do you do the following with the science homework assignments? Use the homework as a basis for class discussion

Variable Name : BTBSHDAD Sci\Homework Assignments\Homework As Basis Q31d
Record Number : 1
Position : 275-275
Format : N1.0
Comment : TQS2-31D: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	312	28.6
Sometimes	2	440	40.4
Never or almost never	3	17	1.6
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	124	11.4
		1,090	100.0%

How often do you do the following with the science homework assignments? Use the homework to contribute towards students' grades or marks

Variable Name : BTBSHDAG Sci\Homework Assignments\Contribute Q31e
Record Number : 1
Position : 276-276
Format : N1.0
Comment : TQS2-31E: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	598	54.9
Sometimes	2	162	14.9
Never or almost never	3	11	1.0
Missing	6	60	5.5
Not administered	8	137	12.6
Omitted	9	122	11.2
		1,090	100.0%

How often do you give a science test or examination to the class with the TIMSS students? Do not include quizzes.

Variable Name : BTBSTEEX Sci\Test\How Often Give In Science Q32
Record Number : 1
Position : 277-277
Format : N1.0
Comment : TQS2-32: New Question

Response	Codes Percent	Unweighted Frequency	
About once a week	1	97	8.9
About every two weeks	2	443	40.6
About once a month	3	212	19.5
A few times a year	4	44	4.0
Never	5	2	0.2
Not administered	8	137	12.6
Omitted	9	155	14.2
		1,090	100.0%

What item formats do you typically use in your science tests or examinations? Do not include quizzes.

Variable Name : BTBSWFTU Sci\Test\Item Formats Used Q33
Record Number : 1
Position : 278-278
Format : N1.0
Comment : TQS2-33: New Question

Response	Codes Percent	Unweighted Frequency	
Only constructed-resp	1	10	0.9
Mostly constructed-resp	2	71	6.5
About half constructed-resp and half obj	3	566	51.9
Mostly objective	4	141	12.9
Only objective	5	4	0.4
Missing	6	2	0.2
Not administered	8	137	12.6
Omitted	9	159	14.6
		1,090	100.0%

How often do you include the following types of questions in your science tests or examinations? Do not include quizzes. Questions requiring understanding of concepts, relationships, and processes

Variable Name : BTBSTERU Sci\Test Questions\Requiring Understanding Q34a
Record Number : 1
Position : 279-279
Format : N1.0
Comment : TQS2-34A: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	591	54.2
Sometimes	2	207	19.0
Never or almost never	3	1	0.1
Missing	6	2	0.2
Not administered	8	137	12.6
Omitted	9	152	13.9
		1,090	100.0%

How often do you include the following types of questions in your science tests or examinations? Do not include quizzes. Questions involving hypotheses and conclusions

Variable Name : BTBSTEIH Sci\Test Questions\Hypothesis Q34b
Record Number : 1
Position : 280-280
Format : N1.0
Comment : TQS2-34B: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	267	24.5
Sometimes	2	462	42.4
Never or almost never	3	54	5.0
Missing	6	2	0.2
Not administered	8	137	12.6
Omitted	9	168	15.4
		1,090	100.0%

How often do you include the following types of questions in your science tests or examinations? Do not include quizzes. Questions based on recall of facts or procedures

Variable Name : BTBSTEBR Sci\Test Questions\Based On Recall Q34c
Record Number : 1
Position : 281-281
Format : N1.0
Comment : TQS2-34C: New Question

Response	Codes Percent	Unweighted Frequency	
Always or almost always	1	469	43.0
Sometimes	2	293	26.9
Never or almost never	3	25	2.3
Missing	6	2	0.2
Not administered	8	137	12.6
Omitted	9	164	15.1
		1,090	100.0%

Variable Name : BTDGTELC Sci Teacher Has Full License Or Certificate
Record Number : 1
Position : 282-282
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
Yes	1	797	73.1
No	2	82	7.5
Missing	6	0	0.0
Not administered	8	137	12.6
Omitted	9	74	6.8
		1,090	100.0%

Variable Name : BTDSSTUD Class Size For Science Instruction
Record Number : 1
Position : 283-283
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
1-24 students	1	368	33.8
25-32 students	2	312	28.6
33-40 students	3	55	5.1
41 or more students	4	12	1.1
Not administered	8	137	12.6
Omitted	9	206	18.9
		1,090	100.0%

Variable Name : BTDSCH Index Science Teacher Perception School Climate (Stpsc)
Record Number : 1
Position : 284-284
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	201	18.4
Medium	2	463	42.5
Low	3	261	23.9
Not administered	8	137	12.6
Omitted	9	28	2.6
		1,090	100.0%

Variable Name : BTDSCU Index Science Teacher Perception School Safety (Stpps)
Record Number : 1
Position : 285-285
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	724	66.4
Medium	2	179	16.4
Low	3	26	2.4
Not administered	8	137	12.6
Omitted	9	24	2.2
		1,090	100.0%

Variable Name : BTDSLTL Index Teach Sci Class Without Limiting Factors (Scwl)
Record Number : 1
Position : 286-286
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	332	30.5
Medium	2	325	29.8
Low	3	181	16.6
Not administered	8	137	12.6
Omitted	9	115	10.6
		1,090	100.0%

Variable Name : BTDSH Index Teacher Emphasis On Sci Homework (Esh)
Record Number : 1
Position : 287-287
Format : N1.0
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
High	1	81	7.4
Medium	2	253	23.2
Low	3	499	45.8
Not administered	8	137	12.6
Omitted	9	120	11.0
		1,090	100.0%

Variable Name : BTDSTOBI Sum Students Taught Biology Sci Topics
Record Number : 1
Position : 288-293
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		833	76.4
Not administered	998	137	12.6
Omitted	999	120	11.0
		1,090	100.0%

Variable Name : BTDSTOCH Sum Students Taught Chemist Sci Topics
Record Number : 1
Position : 294-299
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		829	76.1
Not administered	998	137	12.6
Omitted	999	124	11.4
		1,090	100.0%

Variable Name : BTDSTOPH Sum Students Taught Physics Sci Topics
Record Number : 1
Position : 300-305
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		831	76.2
Not administered	998	137	12.6
Omitted	999	122	11.2
		1,090	100.0%

Variable Name : BTDSTOEA Sum Students Taught Earth Sci Topics
Record Number : 1
Position : 306-311
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		827	75.9
Not administered	998	137	12.6
Omitted	999	126	11.6
		1,090	100.0%

Variable Name : BTDSTOEN Sum Students Taught Environ Sci Topics
Record Number : 1
Position : 312-317
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
0-100		827	75.9
Not administered	998	137	12.6
Omitted	999	126	11.6
		1,090	100.0%

Variable Name : BTDSTOOV Sum Students Taught Overall Sci Topics
Record Number : 1
Position : 318-323
Format : N6.2
Comment : Derived Variable

Response	Codes Percent	Unweighted Frequency	
2.27-100		830	76.2
Not administered	998	137	12.6
Omitted	999	123	11.3
		1,090	100.0%

Variable Name : DPCDATE *File Creation Date At Dpc Hamburg*
 Record Number : 1
 Position : 324-329
 Format : N6.0
 Comment : System Variable

Response	Codes Percent	Unweighted Frequency	
April 19, 2005	41905	1,090	100.0
		1,090	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher. (Number of years you have taught full-time)

Variable Name : BTBGTHFT Nat\Years Been Teaching\Full-Time QN3FT
 Record Number : 1
 Position : 330-331
 Format : N2.0
 Comment : TQS2-3AN; National Variable

Response	Codes Percent	Unweighted Frequency	
0-46		476	43.7
Not administered	98	125	11.5
Omitted	99	489	44.9
		1,090	100.0%

By the end of this school year, how many years will you have been teaching altogether? Do not include teaching as a substitute or student teacher. (Number of years you have taught part-time)

Variable Name : BTBGTHPT Nat\Years Been Teaching\Part-Time QN3PT
 Record Number : 1
 Position : 332-333
 Format : N2.0
 Comment : TQS2-3BN; National Variable

Response	Codes Percent	Unweighted Frequency	
0-29		230	21.1
Not administered	98	125	11.5
Omitted	99	735	67.4
		1,090	100.0%

What is the highest level of formal education you have completed?

Variable Name : BTBGFED Nat\Formal Education Completed QN4
Record Number : 1
Position : 334-334
Format : N1.0
Comment : TQS2-4N; National Variable

Response	Codes Percent	Unweighted Frequency	
Did not complete high school	1	0	0.0
Completed high school	2	0	0.0
Completed a vocational/technical certificate after high sch	3	0	0.0
Completed an Associate's degree (AA) in a vocational/tec	4	0	0.0
Completed an academic Associate's or Bachelor's degree	5	186	17.1
Completed an academic Master's degree, postgraduate certifi	6	284	26.1
Completed a doctorate (Ph.D. or Ed.D)	7	2	0.2
Not administered	8	125	11.5
Omitted	9	493	45.2
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Mathematics

Variable Name : BTBEDMH Mat\Major Area of Study\Math Education QN6g
Record Number : 1
Position : 335-335
Format : N1.0
Comment : TQS2-6AN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	10	0.9
Minor	2	26	2.4
No	3	269	24.7
Not administered	8	125	11.5
Omitted	9	660	60.6
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Mathematics

Variable Name : BTBMTH Mat\Major Area of Study\Math QN6f
Record Number : 1
Position : 336-336
Format : N1.0
Comment : TQS2-6BN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	8	0.7
Minor	2	35	3.2
No	3	265	24.3
Not administered	8	125	11.5
Omitted	9	657	60.3
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Earth Science

Variable Name : BTBSPSEC Sci\Major Area of Study\Earth Science QN6d
Record Number : 1
Position : 337-337
Format : N1.0
Comment : TQS2-6CN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	29	2.7
Minor	2	71	6.5
No	3	224	20.6
Not administered	8	125	11.5
Omitted	9	641	58.8
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Biology

Variable Name : BTBSPSB Sci\Major Area of Study\Biology QN6a
Record Number : 1
Position : 338-338
Format : N1.0
Comment : TQS2-6DN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	174	16.0
Minor	2	69	6.3
No	3	146	13.4
Not administered	8	125	11.5
Omitted	9	576	52.8
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Physics

Variable Name : BTBSPSP Sci\Major Area of Study\Physics QN6b
Record Number : 1
Position : 339-339
Format : N1.0
Comment : TQS2-6EN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	15	1.4
Minor	2	50	4.6
No	3	251	23.0
Not administered	8	125	11.5
Omitted	9	649	59.5
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Chemistry

Variable Name : BTBSPSC Sci\Major Area of Study\Chemistry QN6c
Record Number : 1
Position : 340-340
Format : N1.0
Comment : TQS2-6FN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	21	1.9
Minor	2	107	9.8
No	3	210	19.3
Not administered	8	125	11.5
Omitted	9	627	57.5
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Science

Variable Name : BTBSPSEE Sci\Major Area of Study\Science Education QN6e
Record Number : 1
Position : 341-341
Format : N1.0
Comment : TQS2-6GN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	101	9.3
Minor	2	101	9.3
No	3	140	12.8
Not administered	8	125	11.5
Omitted	9	623	57.2
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Education - Other

Variable Name : BTBEDOT Gen\Major Area of Study\Other Education QN6h
Record Number : 1
Position : 342-342
Format : N1.0
Comment : TQS2-6HN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	138	12.7
Minor	2	55	5.1
No	3	157	14.4
Not administered	8	125	11.5
Omitted	9	615	56.4
		1,090	100.0%

During your college or university education, what was your main area(s) of study? Other

Variable Name : BTBOTHER Gen\Major Area of Study\Other Q6Ni
Record Number : 1
Position : 343-343
Format : N1.0
Comment : TQS2-6IN; National Variable

Response	Codes Percent	Unweighted Frequency	
Major	1	115	10.6
Minor	2	60	5.5
No	3	166	15.2
Not administered	8	125	11.5
Omitted	9	624	57.3
		1,090	100.0%

What requirements did you have to satisfy in order to become a mathematics teacher in grade 8? Complete bachelor's degree

Variable Name : BTBSRB8 Mat\Requirements to Become Teacher\Bachelor's degree QN7a
Record Number : 1
Position : 344-344
Format : N1.0
Comment : TQS2-7AN; National Variable

Response	Codes Percent	Unweighted Frequency	
Yes	1	410	37.6
No	2	22	2.0
Missing	6	0	0.0
Not administered	8	125	11.5
Omitted	9	533	48.9
		1,090	100.0%

What type of (teaching) license or certificate do you hold?

Variable Name : BTBGCERT Nat\Teaching Certificate\Type QN8B
Record Number : 1
Position : 345-345
Format : N1.0
Comment : TQS2-8BN; National Variable

Response	Codes Percent	Unweighted Frequency	
Regular or standard state certificate or advanced profession	1	382	35.1
Probationary certificate	2	21	1.9
Alternative certification program	3	20	1.8
Temporary certificate	4	12	1.1
Emergency certificate or waiver	5	11	1.0
Not administered	8	125	11.5
Omitted	9	519	47.6
		1,090	100.0%