

Question: By the end of this school year, how many years will you have been teaching altogether?

Location: TQG-01 (BTBG01)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	549	0.6	33.7	12.1	1.0	1.0	1.0	3.0	9.0	20.0	25.0	35.0	55.0
Austria	889	802	2.3	8.2	15.3	1.0	1.0	2.0	5.0	11.0	25.0	35.0	38.0	42.0
Azerbaijan	1140	966	1.2	12.3	19.5	1.0	2.0	4.0	9.0	19.0	29.0	37.0	40.0	60.0
Bahrain	223	221	1.2	0.0	12.7	1.0	1.0	3.0	6.0	12.0	17.0	25.0	26.0	31.0
Brazil	916	886	0.4	4.1	16.4	1.0	2.0	3.0	9.0	16.0	23.0	30.0	33.0	51.0
Chile	168	148	0.0	11.0	14.5	1.0	2.0	2.0	7.0	12.0	20.0	33.0	36.0	45.0
Chinese Taipei	239	235	1.4	0.0	18.4	1.0	3.0	5.0	13.0	18.0	25.0	30.0	33.0	40.0
Cote d'Ivoire	372	176	3.3	50.5	8.4	1.0	1.0	2.0	3.0	5.0	12.0	20.0	28.0	32.0
Cyprus	775	688	0.3	10.6	12.6	1.0	1.0	2.0	5.0	13.0	19.0	23.0	27.0	35.0
Czech Republic	1348	1270	0.2	5.5	18.1	1.0	2.0	3.0	8.0	18.0	27.0	34.0	37.0	60.0
England	262	128	0.0	38.1	14.0	1.0	2.0	3.0	8.0	14.0	20.0	25.0	28.0	30.0
Finland	1239	1202	0.1	2.4	15.7	0.0	1.0	3.0	7.0	15.0	23.0	30.0	33.0	60.0
France	379	331	0.2	11.7	16.0	0.0	2.0	3.0	7.0	16.0	23.0	29.0	32.0	43.0
Georgia	936	928	0.8	0.1	24.1	1.0	3.0	6.0	15.0	25.0	33.0	40.0	45.0	60.0
Hong Kong SAR	185	117	0.0	34.9	12.5	1.0	1.0	1.0	3.0	10.0	20.0	28.0	32.0	46.0
Hungary	1086	929	0.9	12.9	24.1	0.0	3.0	5.0	15.0	26.0	34.0	40.0	42.0	52.0
Iran, Islamic Rep. of	224	223	0.5	0.0	16.5	1.0	1.0	3.0	8.0	17.0	25.0	30.0	31.0	40.0
Ireland	440	398	2.8	8.4	13.1	1.0	1.0	2.0	4.0	12.0	20.0	30.0	33.0	40.0
Israel	265	247	0.0	6.8	17.5	1.0	3.0	4.0	8.0	16.0	27.0	32.0	35.0	44.0
Italy	236	212	7.1	2.9	16.2	1.0	3.0	4.0	8.0	15.0	22.0	32.0	35.0	40.0
Japan	147	143	0.7	1.7	15.4	1.0	2.0	2.0	5.0	12.0	22.0	37.0	39.0	47.0
Jordan	225	225	0.0	0.0	11.6	0.0	2.0	3.0	6.0	11.0	16.0	21.0	23.0	30.0
Kazakhstan	1209	1178	1.6	0.6	18.1	1.0	2.0	3.0	8.0	16.0	28.0	35.0	38.0	50.0
Korea, Rep. of	243	234	1.9	2.8	15.0	1.0	2.0	3.0	6.0	13.0	23.0	31.0	33.0	35.0
Kuwait	157	146	5.8	1.1	11.0	1.0	2.0	3.0	5.0	11.0	15.0	18.0	23.0	52.0
Lithuania	1096	959	0.3	10.5	25.3	1.0	2.0	7.0	18.0	26.0	35.0	40.0	42.0	53.0
Malaysia	313	312	0.3	0.0	15.9	1.0	2.0	3.0	12.0	16.0	21.0	26.0	29.0	36.0
Malta	466	390	1.0	12.1	15.4	1.0	2.0	4.0	8.0	14.0	22.0	30.0	31.0	52.0
Morocco	511	488	1.4	2.2	11.7	1.0	2.0	2.0	5.0	7.0	20.0	26.0	36.0	41.0
New Zealand	211	135	0.5	38.6	17.0	1.0	2.0	2.0	6.0	16.0	26.0	34.0	40.0	45.0
Norway (9)	310	239	0.0	21.3	13.4	0.0	1.0	2.0	5.0	12.0	20.0	26.0	31.0	42.0
Oman	284	277	2.3	0.5	14.2	1.0	1.0	2.0	10.0	16.0	19.0	22.0	24.0	36.0
Palestinian Nat'l Auth.	199	187	2.7	2.9	16.0	1.0	2.0	3.0	9.0	17.0	22.0	27.0	31.0	38.0
Portugal	521	486	2.1	4.9	23.8	1.0	3.0	6.0	18.0	25.0	31.0	36.0	38.0	60.0
Qatar	242	235	0.0	1.8	13.3	1.0	3.0	5.0	7.0	12.0	19.0	23.0	27.0	48.0
Romania	429	322	0.5	23.1	24.3	0.0	2.0	6.0	17.0	26.0	34.0	38.0	39.0	47.0
Saudi Arabia	214	198	2.8	4.7	14.8	1.0	2.0	5.0	10.0	14.0	20.0	26.0	28.0	40.0
Singapore	345	345	0.0	0.0	14.1	1.0	2.0	2.0	9.0	14.0	18.0	25.0	29.0	46.0
South Africa (9)	288	211	2.9	29.3	12.4	0.0	1.0	2.0	4.0	9.0	20.0	27.0	32.0	38.0
Sweden	814	674	2.5	13.9	14.8	1.0	1.0	2.0	6.0	15.0	22.0	27.0	30.0	41.0
Turkiye	189	189	0.0	0.0	14.8	1.0	3.0	6.0	9.0	13.0	21.0	25.0	28.0	41.0
United Arab Emirates	1614	1411	0.3	11.5	12.5	0.0	2.0	4.0	6.0	11.0	18.0	23.0	27.0	43.0
United States	672	585	0.2	8.9	14.2	1.0	2.0	2.0	6.0	13.0	22.0	28.0	29.0	29.0
Uzbekistan	668	653	0.9	1.4	16.4	1.0	1.0	3.0	7.0	15.0	24.0	32.0	35.0	52.0
International Avg. (44)	23553	20878	1.2	10.2	15.8	0.8	1.9	3.3	8.0	14.8	22.8	29.3	32.8	44.3
Abu Dhabi, UAE	597	520	0.5	11.2	12.1	0.0	2.0	4.0	6.0	10.0	16.0	23.0	27.0	43.0
Dubai, UAE	432	365	0.5	11.5	12.2	1.0	3.0	4.0	7.0	10.0	16.0	23.0	28.0	41.0
Sharjah, UAE	307	270	0.0	14.0	12.4	1.0	2.0	2.0	6.0	11.0	18.0	22.0	25.0	37.0

Question: Which of these describes you?

Location: TQG-02 (BTBG02)

Country	Sample	Valid N	1.Female %	2.Male %	3.<Other> %	Omitted %	Not Administered %	1.Female Mean	2.Male Mean	3.<Other> Mean	Omitted Mean	Not Administered Mean
Australia	864	548	64.5	35.5	0.0	0.4	33.7	524.8	526.6	.	526.1	509.7
Austria	889	800	62.6	37.0	0.4	2.1	8.2	514.6	511.0	466.0	498.7	500.5
Azerbaijan	1140	966	84.3	15.7	0.0	1.4	12.3	414.3	393.9	.	390.1	415.3
Bahrain	223	222	60.1	39.9	0.0	0.8	0.0	478.3	412.4	.	421.1	.
Brazil	916	885	72.1	27.9	0.0	0.8	4.1	424.6	404.9	.	409.1	442.1
Chile	168	148	79.2	20.8	0.0	0.0	11.0	455.9	457.2	.	.	447.5
Chinese Taipei	239	237	34.0	66.0	0.0	1.3	0.0	580.2	567.0	.	596.4	.
Cote d'Ivoire	372	183	6.2	93.8	0.0	0.6	50.5	196.1	181.0	.	159.4	184.4
Cyprus	775	690	70.0	30.0	0.0	0.0	10.6	461.6	468.1	.	.	470.4
Czech Republic	1348	1272	67.6	32.4	0.0	0.1	5.5	525.6	529.4	.	664.6	531.1
England	262	128	59.8	40.2	0.0	0.0	38.1	529.3	535.8	.	.	530.5
Finland	1239	1204	63.7	35.9	0.4	0.0	2.4	531.2	529.3	510.5	471.6	538.2
France	379	331	51.3	48.7	0.0	0.2	11.7	484.7	491.5	.	537.5	471.8
Georgia	936	927	94.2	5.8	0.0	0.9	0.1	447.5	452.3	.	437.3	497.7
Hong Kong SAR	185	116	40.2	59.8	0.0	0.4	34.9	535.8	529.1	.	561.6	519.7
Hungary	1086	932	72.7	27.3	0.0	0.7	12.9	521.7	522.4	.	508.6	520.5
Iran, Islamic Rep. of	224	224	47.7	52.3	0.0	0.0	0.0	423.3	415.1	.	.	.
Ireland	440	399	60.7	37.7	1.5	1.8	8.4	528.6	534.1	415.4	515.0	515.8
Israel	265	242	79.9	20.1	0.0	1.8	6.8	484.3	476.4	.	408.8	472.1
Italy	236	213	82.7	16.8	0.5	7.0	2.9	498.4	504.1	523.3	519.9	491.0
Japan	147	144	27.0	73.0	0.0	0.0	1.7	554.2	557.9	.	.	559.5
Jordan	225	222	59.9	40.1	0.0	0.6	0.0	431.3	386.0	.	343.1	.
Kazakhstan	1209	1182	87.5	12.5	0.0	1.5	0.6	441.8	449.4	.	445.2	431.4
Korea, Rep. of	243	235	74.7	25.1	0.2	1.4	2.8	549.1	536.5	556.2	524.6	535.1
Kuwait	157	153	55.8	44.2	0.0	1.5	1.1	440.3	396.0	.	386.2	372.6
Lithuania	1096	959	84.8	15.2	0.0	0.1	10.5	517.6	527.3	.	487.3	521.5
Malaysia	313	313	80.3	19.7	0.0	0.0	0.0	428.2	418.9	.	.	.
Malta	466	393	65.4	34.4	0.2	0.2	11.7	506.8	493.2	582.9	535.1	492.6
Morocco	511	488	44.6	55.4	0.0	1.2	2.2	327.1	325.6	.	343.3	346.5
New Zealand	211	135	48.3	51.7	0.0	0.4	38.6	502.4	493.7	.	433.5	508.7
Norway (9)	310	238	50.3	49.3	0.4	0.3	21.3	489.2	493.2	462.0	480.5	478.6
Oman	284	281	52.4	47.6	0.0	0.2	0.5	477.2	431.5	.	447.7	515.7
Palestinian Nat'l Auth.	199	190	54.4	45.6	0.0	0.8	2.9	410.2	372.6	.	437.2	374.9
Portugal	521	492	77.2	22.8	0.0	0.3	4.9	506.4	504.8	.	463.6	498.7
Qatar	242	235	62.5	37.5	0.0	0.0	1.8	488.0	469.4	.	.	485.4
Romania	429	324	89.5	10.5	0.0	0.0	23.1	474.0	443.9	.	.	450.7
Saudi Arabia	214	199	47.1	52.9	0.0	2.2	4.7	437.0	403.3	.	425.2	414.6
Singapore	345	345	56.0	44.0	0.0	0.0	0.0	597.1	617.7	.	.	.
South Africa (9)	288	219	52.0	46.6	1.3	0.0	29.3	371.5	359.8	305.1	.	355.4
Sweden	814	674	56.4	42.9	0.7	2.5	13.9	523.5	521.9	532.7	530.6	510.5
Turkiye	189	189	62.8	37.2	0.0	0.0	0.0	527.8	532.5	.	.	.
United Arab Emirates	1614	1412	67.6	32.4	0.0	0.4	11.5	500.4	450.8	.	494.0	501.0
United States	672	583	71.0	29.0	0.0	0.4	8.9	514.4	515.8	.	534.5	505.9
Uzbekistan	668	658	71.5	28.5	0.0	0.1	1.4	396.6	393.8	.	367.3	387.5
International Avg. (44)	23553	20930	62.6	37.3	0.1	0.8	10.2	476.7	466.7	483.8	463.8	467.7
Abu Dhabi, UAE	597	522	63.3	36.7	0.0	0.0	11.2	460.3	413.1	.	402.4	447.4
Dubai, UAE	432	365	74.3	25.7	0.0	0.1	11.5	554.8	528.2	.	549.9	540.5
Sharjah, UAE	307	269	71.9	28.1	0.0	1.5	14.0	503.6	463.0	.	491.0	538.1

Question: How old are you?

Location: TQG-03 (BTBG03)

Country	Sample	Valid N	1.Under 25 %	2.25- 29 %	3.30- 39 %	4.40- 49 %	5.50- 59 %	6.60 or more %	Omitted %	Not Administered %
Australia	864	549	5.2	19.1	28.3	23.1	17.7	6.5	0.4	33.7
Austria	889	797	1.0	16.7	29.4	22.6	21.2	9.1	2.4	8.2
Azerbaijan	1140	971	3.3	10.1	27.8	24.7	18.1	15.9	1.0	12.3
Bahrain	223	222	2.3	9.6	34.5	35.0	17.4	1.2	0.1	0.0
Brazil	916	883	2.4	7.7	27.6	39.2	19.2	3.9	0.8	4.1
Chile	168	148	1.1	9.0	43.8	21.6	12.6	11.8	0.0	11.0
Chinese Taipei	239	238	0.9	4.7	14.8	48.3	27.7	3.7	0.6	0.0
Cote d'Ivoire	372	187	0.9	17.7	42.5	27.0	9.9	1.9	0.0	50.5
Cyprus	775	690	0.4	5.6	34.8	27.5	19.7	12.1	0.0	10.6
Czech Republic	1348	1272	1.1	8.4	20.1	33.9	24.6	11.9	0.0	5.5
England	262	128	2.0	10.3	32.2	38.0	16.8	0.7	0.0	38.1
Finland	1239	1203	0.9	8.3	22.0	31.7	28.3	8.6	0.2	2.4
France	379	331	2.3	11.6	21.8	33.3	26.6	4.3	0.2	11.7
Georgia	936	931	0.9	3.4	8.4	19.4	35.4	32.5	0.5	0.1
Hong Kong SAR	185	116	13.8	22.2	19.7	23.4	17.2	3.6	0.4	34.9
Hungary	1086	932	0.4	4.4	7.6	25.3	40.5	21.9	0.7	12.9
Iran, Islamic Rep. of	224	223	1.8	7.7	31.8	42.2	15.6	0.9	0.5	0.0
Ireland	440	401	10.0	18.8	29.5	22.2	16.5	3.0	1.4	8.4
Israel	265	246	1.0	8.9	23.4	33.1	25.3	8.4	0.0	6.8
Italy	236	211	0.6	0.9	15.6	34.0	31.5	17.4	7.6	2.9
Japan	147	144	6.1	21.9	33.7	13.9	13.6	10.8	0.0	1.7
Jordan	225	221	2.7	13.1	45.5	31.7	6.9	0.0	2.0	0.0
Kazakhstan	1209	1190	4.6	11.4	32.3	21.1	22.8	7.8	0.9	0.6
Korea, Rep. of	243	237	2.3	10.3	28.4	33.4	23.4	2.3	0.0	2.8
Kuwait	157	154	2.4	17.1	41.8	31.4	6.4	1.0	0.8	1.1
Lithuania	1096	961	0.9	2.8	10.5	22.5	38.2	25.2	0.0	10.5
Malaysia	313	313	0.0	8.9	32.4	40.8	17.6	0.3	0.0	0.0
Malta	466	393	1.0	12.8	44.3	23.1	17.2	1.5	0.3	11.7
Morocco	511	486	4.1	23.2	38.3	14.5	15.0	4.9	1.3	2.2
New Zealand	211	136	0.8	13.1	23.9	20.1	21.5	20.6	0.0	38.6
Norway (9)	310	239	2.5	15.1	28.8	30.6	15.6	7.4	0.0	21.3
Oman	284	281	5.3	8.6	43.6	38.6	3.9	0.0	0.5	0.5
Palestinian Nat'l Auth.	199	189	0.0	8.5	31.2	41.5	16.9	1.9	1.4	2.9
Portugal	521	493	0.4	0.9	3.6	39.2	43.0	13.0	0.1	4.9
Qatar	242	234	1.8	6.4	37.2	39.7	12.9	2.1	0.2	1.8
Romania	429	323	1.6	2.1	8.0	33.8	36.9	17.6	0.1	23.1
Saudi Arabia	214	203	1.3	1.4	40.6	39.7	16.5	0.5	0.5	4.7
Singapore	345	344	2.2	10.2	40.7	30.5	12.1	4.3	0.1	0.0
South Africa (9)	288	216	4.8	23.1	34.5	13.4	21.5	2.7	1.1	29.3
Sweden	814	674	3.4	5.1	16.5	37.4	29.2	8.4	2.5	13.9
Turkiye	189	189	0.0	9.2	48.8	31.8	9.3	0.9	0.0	0.0
United Arab Emirates	1614	1409	1.8	11.6	42.7	31.9	10.9	1.0	0.2	11.5
United States	672	587	3.5	13.0	22.1	31.0	25.7	4.7	0.1	8.9
Uzbekistan	668	657	5.6	11.3	37.2	24.4	17.3	4.3	0.3	1.4
International Avg. (44)	23553	20952	2.5	10.6	29.1	30.0	20.4	7.3	0.7	10.2
Abu Dhabi, UAE	597	522	1.1	14.1	48.5	27.6	7.8	0.9	0.1	11.2
Dubai, UAE	432	365	2.5	11.5	45.0	30.4	9.8	0.7	0.1	11.5
Sharjah, UAE	307	269	2.7	10.4	33.8	40.4	12.4	0.3	0.3	14.0

Question: How old are you?
Location: TQG-03 (BTBG03)

Country	Sample	Valid N	1.Under 25 Mean	2.25- 29 Mean	3.30- 39 Mean	4.40- 49 Mean	5.50- 59 Mean	6.60 or more Mean	Omitted Mean	Not Admini- stered Mean
Australia	864	549	521.5	512.2	530.3	535.0	513.4	544.7	532.5	509.7
Austria	889	797	517.6	503.9	514.2	514.8	514.6	517.4	501.9	500.5
Azerbaijan	1140	971	391.2	400.9	413.2	413.4	409.9	415.3	393.1	415.3
Bahrain	223	222	411.3	466.3	474.3	446.8	412.3	482.2	491.0	.
Brazil	916	883	434.5	417.1	417.8	416.5	424.6	425.4	393.0	442.1
Chile	168	148	440.4	473.7	460.0	454.6	447.0	442.6	.	447.5
Chinese Taipei	239	238	570.0	575.0	582.6	568.4	569.6	586.0	573.8	.
Cote d'Ivoire	372	187	194.4	173.2	172.0	184.7	223.6	207.3	.	184.4
Cyprus	775	690	534.9	508.4	474.3	452.3	452.1	453.2	.	470.4
Czech Republic	1348	1272	527.7	534.7	522.9	526.4	528.1	527.3	519.9	531.1
England	262	128	541.2	528.3	540.6	527.2	527.2	521.6	.	530.5
Finland	1239	1203	531.9	521.7	531.4	535.3	532.2	514.5	471.2	538.2
France	379	331	508.0	480.2	470.6	492.9	495.0	505.5	537.5	471.8
Georgia	936	931	442.3	458.6	450.5	450.1	446.7	445.8	438.2	497.7
Hong Kong SAR	185	116	534.4	524.2	525.2	546.4	523.0	552.0	561.6	519.7
Hungary	1086	932	516.7	532.8	526.3	516.0	523.4	522.3	508.6	520.5
Iran, Islamic Rep. of	224	223	371.2	419.0	408.3	422.8	435.4	437.7	406.4	.
Ireland	440	401	525.6	528.3	530.5	524.6	535.9	525.8	505.1	515.8
Israel	265	246	357.8	481.6	469.2	474.4	493.6	518.7	479.8	472.1
Italy	236	211	561.8	503.1	502.3	499.0	497.9	497.7	519.8	491.0
Japan	147	144	550.1	563.0	554.7	556.1	558.3	554.7	.	559.5
Jordan	225	221	397.9	392.3	407.8	425.8	437.9	.	385.4	.
Kazakhstan	1209	1190	448.0	445.9	436.2	443.9	440.8	465.1	438.4	431.4
Korea, Rep. of	243	237	525.8	550.5	544.7	546.4	544.1	560.0	.	535.1
Kuwait	157	154	414.3	420.7	421.4	410.7	461.5	422.4	407.8	372.6
Lithuania	1096	961	539.4	556.9	533.6	518.8	517.1	511.2	.	521.5
Malaysia	313	313	.	429.5	428.9	425.1	422.1	509.6	.	.
Malta	466	393	569.4	489.2	501.1	512.2	499.7	472.2	557.1	492.6
Morocco	511	486	308.8	320.5	332.0	318.4	327.5	350.0	319.1	346.5
New Zealand	211	136	546.7	516.1	519.8	477.2	486.0	489.2	.	508.7
Norway (9)	310	239	457.5	493.9	485.5	497.7	483.1	507.4	.	478.6
Oman	284	281	429.3	462.8	463.3	451.5	426.5	.	454.2	515.7
Palestinian Nat'l Auth.	199	189	.	396.9	389.7	399.3	384.5	360.5	430.5	374.9
Portugal	521	493	543.6	550.5	500.9	505.0	506.6	504.5	442.5	498.7
Qatar	242	234	475.4	497.2	490.5	470.1	479.7	483.8	495.9	485.4
Romania	429	323	426.4	498.1	474.9	466.3	474.6	469.9	547.8	450.7
Saudi Arabia	214	203	459.5	473.8	407.9	415.3	451.0	411.3	380.9	414.6
Singapore	345	344	606.0	613.8	606.8	603.6	616.9	568.6	653.6	.
South Africa (9)	288	216	379.1	371.1	367.0	369.4	352.4	356.8	350.4	355.4
Sweden	814	674	540.0	520.8	518.2	527.1	519.5	519.8	530.6	510.5
Turkiye	189	189	.	515.7	521.0	546.0	532.7	517.2	.	.
United Arab Emirates	1614	1409	470.5	483.3	495.0	478.0	466.1	486.3	434.5	500.6
United States	672	587	518.4	526.1	506.4	519.9	510.9	509.4	518.9	505.9
Uzbekistan	668	657	392.2	393.5	396.5	397.1	396.4	393.5	354.8	387.5
International Avg. (44)	23553	20952	474.0	477.9	473.2	472.3	472.8	477.8	470.8	467.7
Abu Dhabi, UAE	597	522	376.2	436.1	451.1	440.3	416.1	501.6	486.3	447.4
Dubai, UAE	432	365	510.9	549.5	554.0	538.5	554.2	585.1	621.6	540.5
Sharjah, UAE	307	269	478.5	504.3	517.7	477.0	469.6	406.5	403.1	538.1

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

Location: TQG-04 (BTBG04)

Country	Sample	Valid N	1.No upper second ary %	2.Upper second ary %	3.Post second ary, non-ter tiary %	4.Short- cycl e tertia ry %	5.Bach elor's or equiva lent %	6.Mast er's or equiva lent %	7.Doct or or equiva lent %	Omitte d %	Not Admini stered %
Australia	864	549	0.0	0.0	0.0	0.1	62.0	34.1	3.9	0.4	33.7
Austria	889	796	0.0	0.0	0.0	13.0	38.1	46.4	2.5	2.6	8.2
Azerbaijan	1140	957	0.6	1.9	0.2	0.0	74.7	21.7	0.8	2.0	12.3
Bahrain	223	219	0.0	0.5	0.6	2.5	74.2	22.2	0.0	2.1	0.0
Brazil	916	876	0.0	0.7	0.0	0.0	81.3	12.9	5.2	1.1	4.1
Chile	168	147	0.0	0.6	0.0	0.0	77.5	21.9	0.0	1.0	11.0
Chinese Taipei	239	239	0.0	0.0	0.0	0.0	38.8	61.2	0.0	0.0	0.0
Cote d'Ivoire	372	186	0.0	1.1	7.3	6.6	49.6	35.5	0.0	0.4	50.5
Cyprus	775	690	0.0	0.0	0.0	0.7	29.3	61.3	8.7	0.0	10.6
Czech Republic	1348	1273	0.0	1.9	0.0	0.0	3.6	89.0	5.4	0.0	5.5
England	262	128	0.0	1.8	0.0	0.0	6.0	83.4	8.8	0.0	38.1
Finland	1239	1203	0.0	2.4	0.1	0.1	2.9	91.6	2.8	0.1	2.4
France	379	331	0.4	0.0	0.4	0.7	15.5	72.5	10.7	0.2	11.7
Georgia	936	930	0.0	0.0	0.3	0.2	11.6	84.7	3.3	0.5	0.1
Hong Kong SAR	185	116	0.0	1.2	2.2	0.0	56.1	36.5	4.0	0.4	34.9
Hungary	1086	932	0.0	0.3	0.2	0.0	45.3	52.3	1.9	0.7	12.9
Iran, Islamic Rep. of	224	224	0.9	0.0	0.0	5.5	57.8	33.1	2.6	0.0	0.0
Ireland	440	396	0.0	0.2	0.0	0.4	52.3	45.0	2.2	2.1	8.4
Israel	265	244	0.0	0.2	0.0	1.9	34.2	60.3	3.4	1.1	6.8
Italy	236	210	0.0	1.7	0.0	0.3	0.3	76.6	21.0	7.9	2.9
Japan	147	144	0.0	0.0	0.0	0.0	82.0	18.0	0.0	0.0	1.7
Jordan	225	224	0.3	4.2	0.0	0.0	82.9	11.8	0.8	0.3	0.0
Kazakhstan	1209	1183	0.0	1.5	0.2	0.5	83.5	14.1	0.2	1.5	0.6
Korea, Rep. of	243	237	0.0	0.0	0.0	0.0	65.8	33.8	0.4	0.0	2.8
Kuwait	157	136	0.0	0.4	0.8	0.9	85.1	11.5	1.3	10.3	1.1
Lithuania	1096	959	0.0	0.3	0.1	0.7	41.0	55.7	2.2	0.2	10.5
Malaysia	313	312	0.0	0.0	0.0	1.0	86.0	13.0	0.0	0.4	0.0
Malta	466	387	0.0	0.4	0.0	1.5	68.1	28.6	1.5	1.3	12.7
Morocco	511	489	0.0	2.8	0.3	9.3	64.5	20.7	2.5	0.8	2.2
New Zealand	211	135	0.0	0.0	0.0	3.0	26.7	66.6	3.7	0.3	38.6
Norway (9)	310	239	0.0	0.5	0.0	0.0	46.8	51.1	1.5	0.0	21.3
Oman	284	280	0.0	1.5	0.0	0.0	85.0	13.3	0.2	0.9	0.5
Palestinian Nat'l Auth.	199	188	0.0	2.1	0.0	2.5	81.3	12.3	1.7	2.1	2.9
Portugal	521	492	0.0	0.0	0.0	0.7	71.0	23.7	4.7	0.4	4.9
Qatar	242	234	0.0	0.1	0.0	0.0	63.3	33.5	3.1	0.0	1.8
Romania	429	323	0.0	0.5	0.3	2.2	59.9	34.9	2.2	0.1	23.1
Saudi Arabia	214	200	0.0	6.9	0.5	0.0	84.5	7.5	0.6	1.9	4.7
Singapore	345	345	0.0	0.2	0.0	0.0	74.6	24.0	1.3	0.0	0.0
South Africa (9)	288	165	0.0	6.8	5.9	10.9	54.6	21.1	0.7	16.5	32.6
Sweden	814	672	0.0	3.9	0.0	3.2	44.2	40.4	8.3	2.6	13.9
Turkiye	189	188	0.0	0.0	0.0	0.4	85.8	13.8	0.0	0.7	0.0
United Arab Emirates	1614	1412	0.1	0.7	0.0	0.7	52.3	43.9	2.4	0.2	11.5
United States	672	586	0.0	0.0	0.0	1.6	36.8	57.7	3.8	0.3	8.9
Uzbekistan	668	649	1.4	0.1	0.5	0.2	81.5	15.5	0.7	1.7	1.4
International Avg. (44)	23553	20825	0.1	1.1	0.5	1.6	55.0	38.8	3.0	1.5	10.3
Abu Dhabi, UAE	597	523	0.0	0.8	0.0	0.8	50.2	46.0	2.3	0.0	11.2
Dubai, UAE	432	364	0.2	0.7	0.1	0.0	44.2	51.7	3.0	0.2	11.5
Sharjah, UAE	307	270	0.0	0.9	0.0	0.9	56.9	38.4	2.8	0.0	14.0

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

Location: TQG-04 (BTBG04)

Country	Sample	Valid N	1.No upper second ary Mean	2.Upper second ary Mean	3.Post second ary, non-ter tiary Mean	4.Short- cycle tertiary Mean	5.Bachelor's or equivalent Mean	6.Master's or equivalent Mean	7.Doctor or equivalent Mean	Omitted Mean	Not Administered Mean
Australia	864	549	.	.	.	532.6	526.8	518.4	563.9	532.5	509.7
Austria	889	796	.	.	.	488.4	490.6	536.8	548.3	498.6	500.5
Azerbaijan	1140	957	380.3	407.5	424.2	349.3	406.2	427.1	432.2	408.6	415.3
Bahrain	223	219	.	373.6	447.9	469.8	439.9	491.3	.	450.6	.
Brazil	916	876	.	307.1	.	.	420.8	423.5	402.3	380.6	442.1
Chile	168	147	.	468.9	.	.	451.5	474.6	.	414.2	447.5
Chinese Taipei	239	239	.	.	.	.	566.6	575.2	.	.	.
Cote d'Ivoire	372	186	.	156.6	136.1	178.7	188.1	184.7	.	109.1	184.4
Cyprus	775	690	.	.	.	465.5	459.4	464.8	468.5	.	470.4
Czech Republic	1348	1273	.	515.2	.	.	523.1	526.8	535.1	.	531.1
England	262	128	.	532.4	.	.	530.7	532.2	529.4	.	530.5
Finland	1239	1203	519.4	511.7	437.6	518.8	524.1	531.2	531.0	589.4	538.2
France	379	331	486.5	.	451.9	484.9	487.1	487.2	496.2	537.5	471.8
Georgia	936	930	.	.	441.3	407.6	446.2	447.6	458.2	450.3	497.7
Hong Kong SAR	185	116	.	590.1	562.5	.	536.8	510.7	620.2	561.6	519.7
Hungary	1086	932	.	568.9	503.9	.	513.0	528.0	560.6	508.6	520.5
Iran, Islamic Rep. of	224	224	496.0	.	.	410.0	415.7	423.0	432.3	.	.
Ireland	440	396	.	511.4	.	540.6	527.2	531.1	524.5	519.4	515.8
Israel	265	244	.	368.2	.	437.2	484.0	482.1	489.1	430.0	472.1
Italy	236	210	.	505.5	.	494.4	505.4	497.4	505.8	519.4	491.0
Japan	147	144	.	.	.	.	554.8	566.8	.	.	559.5
Jordan	225	224	401.6	422.7	.	.	415.4	388.5	480.4	328.3	.
Kazakhstan	1209	1183	372.9	430.0	466.1	442.0	440.5	455.2	516.3	451.4	431.4
Korea, Rep. of	243	237	.	.	.	.	544.1	549.0	532.7	.	535.1
Kuwait	157	136	.	549.9	388.1	429.3	408.9	476.4	446.9	441.5	372.6
Lithuania	1096	959	.	541.2	483.1	489.2	511.6	523.3	554.5	532.0	521.5
Malaysia	313	312	.	.	.	400.6	425.6	435.3	.	372.2	.
Malta	466	387	.	501.7	.	519.7	494.8	528.5	514.9	412.1	483.7
Morocco	511	489	.	338.3	433.3	321.9	324.9	326.8	353.6	338.7	346.5
New Zealand	211	135	.	.	.	500.6	495.6	500.0	474.9	398.9	508.7
Norway (9)	310	239	.	451.4	.	.	486.7	495.7	482.6	.	478.6
Oman	284	280	.	437.0	.	.	448.8	499.2	447.7	466.2	515.7
Palestinian Nat'l Auth.	199	188	.	434.5	.	375.1	391.5	401.5	417.8	380.4	374.9
Portugal	521	492	.	.	.	506.6	503.2	511.8	517.5	512.3	498.7
Qatar	242	234	.	559.9	.	.	471.4	504.6	420.4	532.7	485.4
Romania	429	323	.	364.1	463.0	456.4	468.3	475.5	496.5	547.8	450.7
Saudi Arabia	214	200	.	414.7	445.1	.	418.4	429.9	455.2	419.6	414.6
Singapore	345	345	.	657.4	.	.	606.3	605.0	610.1	.	.
South Africa (9)	288	165	.	330.9	358.8	361.3	364.0	389.3	315.7	349.8	362.7
Sweden	814	672	.	533.3	.	503.0	522.4	521.0	538.3	528.0	510.5
Turkiye	189	188	.	.	.	583.5	527.3	546.5	.	444.8	.
United Arab Emirates	1614	1412	492.5	483.7	569.6	445.0	468.7	504.4	469.1	478.1	501.0
United States	672	586	.	.	.	499.6	525.1	509.6	507.2	462.5	505.9
Uzbekistan	668	649	363.1	403.3	405.1	356.5	394.5	405.1	396.6	399.2	387.5
International Avg. (44)	23553	20825	439.0	455.7	436.3	447.2	469.5	480.5	487.7	448.8	467.7
Abu Dhabi, UAE	597	523	.	454.2	.	466.9	435.0	454.1	380.6	.	447.4
Dubai, UAE	432	364	492.5	508.3	569.6	.	528.5	565.4	547.2	563.5	540.5
Sharjah, UAE	307	270	.	500.7	.	475.7	477.3	516.2	468.4	.	538.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Mathematics
Location: TQG-05a (BTBG05A)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	547	14.8	85.2	0.0	0.5	33.7	536.5	523.2	.	560.6	509.7
Austria	889	793	7.0	93.0	0.0	2.8	8.4	496.5	514.4	.	504.2	499.3
Azerbaijan	1140	882	32.7	64.5	2.8	9.8	12.4	413.9	409.8	400.9	410.1	415.3
Bahrain	223	220	17.4	82.1	0.4	1.3	0.0	470.3	448.5	373.6	443.0	.
Brazil	916	876	35.1	64.2	0.7	1.7	4.1	420.0	420.4	307.1	392.4	442.1
Chile	168	145	26.9	72.5	0.6	2.3	11.0	453.5	456.6	468.9	468.7	447.5
Chinese Taipei	239	239	5.9	94.1	0.0	0.0	0.0	589.4	570.7	.	.	.
Cote d'Ivoire	372	184	46.1	52.9	1.1	0.7	50.5	212.6	155.3	156.6	174.1	184.4
Cyprus	775	687	8.8	91.2	0.0	0.3	10.6	484.3	461.4	.	491.1	470.4
Czech Republic	1348	1268	4.4	93.6	2.0	0.3	5.6	514.7	527.8	515.2	510.2	531.0
England	262	128	20.2	78.0	1.8	0.0	38.1	535.2	531.0	532.4	.	530.5
Finland	1239	1204	33.7	63.8	2.5	0.0	2.4	535.8	528.3	511.9	471.6	538.2
France	379	330	24.8	74.9	0.4	0.6	11.7	490.9	487.1	486.5	494.9	471.8
Georgia	936	924	28.6	71.4	0.0	1.2	0.1	447.0	448.6	.	410.8	497.7
Hong Kong SAR	185	116	16.0	82.8	1.2	0.3	34.9	539.5	529.8	590.1	517.2	519.7
Hungary	1086	920	2.8	96.9	0.3	1.8	12.9	529.9	521.9	568.9	504.0	520.2
Iran, Islamic Rep. of	224	223	11.3	87.8	0.9	0.5	0.0	416.1	418.7	496.0	392.0	.
Ireland	440	399	30.8	69.0	0.2	1.9	8.4	532.9	527.4	511.4	507.9	515.8
Israel	265	242	21.3	78.6	0.2	2.0	6.8	491.4	479.1	368.2	472.0	472.1
Italy	236	210	45.5	52.8	1.7	7.9	2.9	498.7	499.7	505.5	519.2	491.0
Japan	147	142	3.5	96.5	0.0	1.8	1.7	540.5	557.4	.	565.7	559.5
Jordan	225	222	17.5	77.9	4.5	0.6	0.0	430.5	408.7	421.4	361.7	.
Kazakhstan	1209	1165	18.9	79.6	1.5	2.6	0.6	440.7	443.2	429.1	450.4	431.4
Korea, Rep. of	243	234	1.7	98.3	0.0	1.7	2.8	551.0	545.6	.	544.8	535.1
Kuwait	157	154	6.6	93.0	0.4	0.8	1.1	476.6	415.8	549.9	407.8	372.6
Lithuania	1096	946	7.1	92.7	0.3	1.4	10.8	523.4	518.5	541.2	529.1	521.5
Malaysia	313	311	23.5	76.5	0.0	0.7	0.0	433.3	424.3	.	428.1	.
Malta	466	394	39.5	60.1	0.4	0.0	11.7	487.8	511.8	501.7	.	492.6
Morocco	511	490	9.7	87.6	2.7	0.4	2.2	322.6	326.2	338.3	409.0	346.5
New Zealand	211	135	18.3	81.7	0.0	0.3	38.6	485.3	500.2	.	490.3	508.7
Norway (9)	310	239	70.6	28.9	0.5	0.0	21.3	492.7	487.6	451.4	.	478.6
Oman	284	272	21.0	77.4	1.5	2.9	0.5	469.2	451.8	437.0	462.9	515.7
Palestinian Nat'l Auth.	199	188	6.6	91.2	2.1	2.5	2.9	375.7	393.9	434.5	387.2	374.9
Portugal	521	492	39.7	60.3	0.0	0.3	4.9	506.1	506.1	.	463.4	498.7
Qatar	242	230	27.7	72.2	0.1	2.1	1.8	482.8	480.3	559.9	478.7	485.4
Romania	429	319	35.2	64.3	0.5	1.3	23.1	470.2	471.8	364.1	477.9	450.7
Saudi Arabia	214	198	2.1	90.9	7.0	2.9	4.7	485.5	417.8	414.7	430.4	414.6
Singapore	345	344	51.3	48.5	0.2	0.0	0.0	611.1	600.9	657.4	457.7	.
South Africa (9)	288	212	47.9	47.5	4.6	2.0	29.4	358.0	375.3	330.4	375.4	355.3
Sweden	814	673	48.7	47.4	3.9	2.6	13.9	524.2	520.9	533.3	528.6	510.5
Turkiye	189	187	35.3	64.7	0.0	1.6	0.0	524.9	532.0	.	532.5	.
United Arab Emirates	1614	1404	23.0	76.3	0.7	0.5	11.5	496.1	480.6	485.1	525.5	500.7
United States	672	585	8.8	91.2	0.0	1.3	8.9	501.7	516.5	.	491.2	505.9
Uzbekistan	668	645	23.5	75.0	1.6	2.3	1.4	390.7	398.2	366.9	390.0	387.5
International Avg. (44)	23553	20718	23.2	75.7	1.1	1.6	10.2	477.0	471.5	456.5	460.8	467.7
Abu Dhabi, UAE	597	521	25.1	74.1	0.8	0.1	11.2	443.9	442.3	454.2	536.6	447.8
Dubai, UAE	432	363	24.3	74.8	0.9	0.6	11.5	563.2	543.8	504.2	526.1	540.5
Sharjah, UAE	307	267	23.2	76.0	0.9	0.8	14.1	514.2	484.2	504.5	578.2	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Biology
Location: TQG-05b (BTBG05B)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	548	67.7	32.3	0.0	0.5	33.7	525.3	525.3	.	547.4	509.7
Austria	889	793	8.7	91.3	0.0	2.6	8.4	508.9	513.6	.	503.1	499.3
Azerbaijan	1140	886	39.5	57.7	2.8	9.6	12.4	409.9	412.5	400.9	408.2	415.3
Bahrain	223	220	43.2	56.4	0.4	1.3	0.0	461.4	445.4	373.6	443.0	.
Brazil	916	881	88.7	10.7	0.7	1.0	4.1	423.3	394.6	307.1	372.8	442.1
Chile	168	145	63.1	36.3	0.6	2.3	11.0	463.5	442.3	468.9	468.7	447.5
Chinese Taipei	239	239	10.7	89.3	0.0	0.0	0.0	570.1	572.0	.	.	.
Cote d'Ivoire	372	182	40.1	58.8	1.1	1.2	50.5	150.3	201.8	156.6	221.2	184.4
Cyprus	775	688	29.9	70.1	0.0	0.2	10.6	469.0	461.0	.	528.1	470.4
Czech Republic	1348	1268	15.3	82.7	2.0	0.4	5.5	524.8	527.5	515.2	539.7	531.1
England	262	128	67.8	30.4	1.8	0.0	38.1	527.1	542.5	532.4	.	530.5
Finland	1239	1203	37.5	60.0	2.5	0.1	2.4	532.9	529.7	511.9	548.7	538.2
France	379	331	50.9	48.8	0.4	0.2	11.7	487.3	488.7	486.5	546.7	471.8
Georgia	936	925	37.2	62.8	0.0	1.1	0.1	448.8	447.4	.	425.0	497.7
Hong Kong SAR	185	116	34.7	64.2	1.2	0.3	34.9	514.1	540.7	590.1	517.2	519.7
Hungary	1086	920	10.6	89.1	0.3	1.5	13.0	518.4	522.5	568.9	501.7	520.3
Iran, Islamic Rep. of	224	223	27.1	72.0	0.9	0.5	0.0	426.9	415.2	496.0	392.0	.
Ireland	440	401	74.5	25.3	0.2	1.4	8.4	527.3	534.2	511.4	505.1	515.8
Israel	265	245	74.2	25.6	0.2	0.5	6.8	486.2	470.2	368.2	365.3	472.1
Italy	236	210	70.8	27.5	1.7	7.9	2.9	498.9	500.1	505.5	519.2	491.0
Japan	147	143	36.4	63.6	0.0	1.1	1.7	561.5	553.9	.	582.5	559.5
Jordan	225	221	32.5	62.9	4.5	0.8	0.0	414.0	412.1	421.4	361.2	.
Kazakhstan	1209	1168	40.3	58.2	1.5	2.4	0.6	441.4	443.6	429.1	452.8	431.4
Korea, Rep. of	243	235	23.7	76.3	0.0	1.2	2.8	553.7	543.4	.	535.4	535.1
Kuwait	157	152	31.7	67.9	0.4	2.2	1.1	456.1	404.2	549.9	375.7	372.6
Lithuania	1096	954	35.1	64.7	0.3	0.7	10.5	519.9	518.7	541.2	497.6	521.5
Malaysia	313	311	43.4	56.6	0.0	0.7	0.0	429.1	424.3	.	428.1	.
Malta	466	394	27.6	72.0	0.4	0.0	11.7	540.1	487.8	501.7	.	492.6
Morocco	511	489	44.4	52.9	2.8	0.6	2.2	325.5	326.1	338.3	386.8	346.5
New Zealand	211	136	59.2	40.8	0.0	0.0	38.6	505.1	486.3	.	.	508.7
Norway (9)	310	238	28.4	71.1	0.5	0.3	21.3	496.8	489.2	451.4	453.3	478.6
Oman	284	273	42.4	56.1	1.5	2.8	0.5	465.0	448.4	437.0	462.5	515.7
Palestinian Nat'l Auth.	199	188	29.8	68.0	2.1	2.5	2.9	392.6	392.7	434.5	387.2	374.9
Portugal	521	491	54.7	45.3	0.0	0.5	4.9	505.5	507.1	.	459.6	498.7
Qatar	242	234	48.6	51.3	0.1	1.3	1.8	491.9	469.7	559.9	514.8	485.4
Romania	429	322	49.2	50.3	0.5	0.8	23.1	471.3	471.3	364.1	475.1	450.7
Saudi Arabia	214	199	43.5	49.6	6.9	2.4	4.7	427.4	413.2	414.7	414.4	414.6
Singapore	345	342	44.9	54.9	0.2	0.7	0.0	597.5	613.4	657.4	579.5	.
South Africa (9)	288	214	56.9	38.5	4.5	1.2	29.4	368.1	365.5	330.4	356.2	355.3
Sweden	814	673	56.8	39.3	3.9	2.6	13.9	523.2	521.6	533.3	528.6	510.5
Turkiye	189	186	40.0	60.0	0.0	1.8	0.0	528.1	530.3	.	535.9	.
United Arab Emirates	1614	1406	55.4	43.9	0.7	0.3	11.5	490.4	476.4	485.1	533.3	500.7
United States	672	585	48.0	52.0	0.0	1.3	8.9	512.9	517.3	.	491.2	505.9
Uzbekistan	668	647	42.9	55.5	1.6	2.0	1.4	396.9	396.0	366.9	389.0	387.5
International Avg. (44)	23553	20753	43.4	55.5	1.1	1.4	10.2	474.7	470.4	456.5	463.8	467.7
Abu Dhabi, UAE	597	521	56.7	42.5	0.8	0.1	11.2	442.9	442.5	454.2	536.6	447.8
Dubai, UAE	432	364	60.4	38.7	0.9	0.2	11.5	552.3	542.6	504.2	496.7	540.5
Sharjah, UAE	307	267	56.6	42.5	0.9	0.8	14.1	496.3	484.6	504.5	578.2	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Physics
Location: TQG-05c (BTBG05C)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	547	25.1	74.9	0.0	0.5	33.7	523.4	525.8	.	560.6	509.7
Austria	889	794	9.3	90.7	0.0	2.6	8.4	513.6	513.1	.	502.1	499.3
Azerbaijan	1140	881	42.5	54.7	2.8	10.0	12.4	410.3	411.9	400.9	410.0	415.3
Bahrain	223	220	49.9	49.6	0.4	1.3	0.0	449.9	454.7	373.6	443.0	.
Brazil	916	875	50.6	48.7	0.7	1.5	4.1	417.2	423.2	307.1	394.4	442.1
Chile	168	145	46.0	53.4	0.6	2.3	11.0	457.4	454.3	468.9	468.7	447.5
Chinese Taipei	239	239	40.7	59.3	0.0	0.0	0.0	572.5	571.4	.	.	.
Cote d'Ivoire	372	182	69.2	29.6	1.1	1.5	50.5	199.8	143.6	156.6	150.4	184.4
Cyprus	775	690	28.1	71.9	0.0	0.0	10.6	458.4	465.5	.	.	470.4
Czech Republic	1348	1266	6.7	91.3	2.0	0.4	5.6	519.9	527.6	515.2	547.3	531.0
England	262	126	35.2	62.9	1.8	0.7	38.1	534.1	530.6	532.4	530.6	530.5
Finland	1239	1201	24.8	72.7	2.5	0.2	2.4	536.0	529.2	511.9	546.5	537.6
France	379	331	47.9	51.7	0.4	0.3	11.7	492.0	484.4	486.5	497.8	471.8
Georgia	936	923	37.9	62.1	0.0	1.3	0.1	448.5	447.9	.	413.4	497.7
Hong Kong SAR	185	116	26.0	72.9	1.2	0.3	34.9	536.8	529.5	590.1	517.2	519.7
Hungary	1086	922	5.2	94.5	0.3	1.5	12.9	521.3	522.0	568.9	505.8	520.2
Iran, Islamic Rep. of	224	223	27.4	71.7	0.9	0.5	0.0	437.5	411.1	496.0	392.0	.
Ireland	440	396	25.4	74.4	0.2	2.1	8.4	533.2	527.7	511.4	511.3	515.8
Israel	265	245	43.0	56.8	0.2	0.5	6.8	480.9	482.9	368.2	365.3	472.1
Italy	236	210	39.4	58.9	1.7	7.9	2.9	494.4	502.5	505.5	519.2	491.0
Japan	147	143	30.8	69.2	0.0	1.1	1.7	559.6	555.3	.	582.5	559.5
Jordan	225	221	35.1	60.4	4.5	1.3	0.0	428.6	403.1	421.4	403.4	.
Kazakhstan	1209	1166	31.8	66.7	1.5	2.7	0.6	441.2	443.5	429.1	449.0	431.4
Korea, Rep. of	243	235	25.2	74.8	0.0	1.2	2.8	533.1	550.1	.	535.4	535.1
Kuwait	157	153	25.3	74.3	0.4	1.4	1.1	422.3	419.0	549.9	414.5	372.6
Lithuania	1096	953	26.0	73.7	0.3	1.0	10.5	519.7	518.4	541.2	539.7	521.5
Malaysia	313	311	19.5	80.5	0.0	0.7	0.0	440.8	422.9	.	428.1	.
Malta	466	394	70.4	29.1	0.4	0.0	11.7	483.8	547.0	501.7	.	492.6
Morocco	511	490	43.0	54.3	2.7	0.4	2.2	328.6	323.7	338.3	409.0	346.5
New Zealand	211	134	19.8	80.2	0.0	1.3	38.6	487.0	499.1	.	530.5	508.7
Norway (9)	310	238	10.1	89.4	0.5	0.3	21.3	498.9	490.5	451.4	453.3	478.6
Oman	284	271	55.9	42.6	1.5	3.3	0.5	453.2	459.1	437.0	454.0	515.7
Palestinian Nat'l Auth.	199	188	18.1	79.8	2.1	2.5	2.9	390.5	393.2	434.5	387.2	374.9
Portugal	521	493	55.6	44.4	0.0	0.1	4.9	506.3	505.7	.	442.5	498.7
Qatar	242	233	45.8	54.1	0.1	0.3	1.8	479.0	482.5	559.9	501.7	485.4
Romania	429	321	60.2	39.3	0.5	0.9	23.1	471.2	471.1	364.1	484.4	450.7
Saudi Arabia	214	199	24.9	68.2	6.9	2.6	4.7	423.7	418.3	414.7	418.5	414.6
Singapore	345	343	46.0	53.8	0.2	0.2	0.0	615.4	598.4	657.4	533.8	.
South Africa (9)	288	212	45.2	50.2	4.6	1.8	29.4	357.7	373.6	330.4	397.7	355.3
Sweden	814	673	45.3	50.9	3.9	2.6	13.9	524.2	521.1	533.3	528.6	510.5
Turkiye	189	186	44.1	55.9	0.0	1.8	0.0	532.8	526.7	.	535.9	.
United Arab Emirates	1614	1404	45.6	53.7	0.7	0.5	11.5	491.2	478.4	485.1	504.0	500.7
United States	672	584	14.1	85.9	0.0	1.9	8.9	521.4	513.8	.	516.9	505.9
Uzbekistan	668	647	35.8	62.7	1.6	2.0	1.4	395.9	396.5	366.9	393.8	387.5
International Avg. (44)	23553	20724	35.3	63.6	1.1	1.5	10.2	473.7	472.0	456.5	466.3	467.6
Abu Dhabi, UAE	597	520	44.8	54.4	0.8	0.4	11.2	444.6	441.6	454.2	419.3	447.8
Dubai, UAE	432	363	48.2	50.9	0.9	0.6	11.5	560.7	537.0	504.2	525.7	540.5
Sharjah, UAE	307	267	48.5	50.7	0.9	0.8	14.1	493.0	489.6	504.5	578.2	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Chemistry
Location: TQG-05d (BTBG05D)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	547	52.4	47.6	0.0	0.5	33.7	522.0	528.7	.	560.6	509.7
Austria	889	792	9.1	90.9	0.0	2.6	8.5	519.5	512.7	.	500.1	498.7
Azerbaijan	1140	882	41.3	55.9	2.8	9.8	12.4	412.6	410.0	400.9	410.5	415.3
Bahrain	223	220	66.6	32.9	0.4	1.3	0.0	450.8	455.3	373.6	443.0	.
Brazil	916	881	61.8	37.5	0.7	1.0	4.1	417.8	424.2	307.1	376.3	442.1
Chile	168	146	54.6	44.8	0.6	1.6	11.0	461.0	450.8	468.9	437.1	447.5
Chinese Taipei	239	239	54.0	46.0	0.0	0.0	0.0	573.9	569.4	.	.	.
Cote d'Ivoire	372	181	74.1	24.8	1.1	2.3	50.5	197.2	144.0	156.6	141.7	184.4
Cyprus	775	688	29.6	70.4	0.0	0.2	10.6	468.0	461.4	.	528.1	470.4
Czech Republic	1348	1265	13.6	84.5	2.0	0.4	5.6	524.5	527.4	515.2	557.4	531.0
England	262	127	59.2	39.0	1.8	0.4	38.1	533.8	529.4	532.4	502.4	530.5
Finland	1239	1202	26.4	71.1	2.5	0.1	2.4	538.0	528.3	511.9	548.7	537.6
France	379	332	54.0	45.6	0.4	0.0	11.7	492.7	482.7	486.5	.	471.8
Georgia	936	925	41.7	58.3	0.0	1.1	0.1	446.8	449.0	.	412.9	497.7
Hong Kong SAR	185	116	39.2	59.7	1.2	0.3	34.9	547.4	520.4	590.1	579.6	519.7
Hungary	1086	924	5.0	94.7	0.3	1.3	12.9	528.7	521.7	568.9	502.0	520.2
Iran, Islamic Rep. of	224	223	32.0	67.1	0.9	0.5	0.0	428.6	413.5	496.0	392.0	.
Ireland	440	396	49.2	50.6	0.2	2.5	8.4	528.3	529.5	511.4	520.1	515.8
Israel	265	244	64.1	35.7	0.2	0.6	6.8	482.7	480.7	368.2	414.5	472.1
Italy	236	210	52.5	45.8	1.7	7.9	2.9	495.3	503.7	505.5	519.2	491.0
Japan	147	143	46.9	53.1	0.0	1.1	1.7	551.7	561.1	.	582.5	559.5
Jordan	225	222	44.3	51.2	4.5	0.6	0.0	415.9	409.9	421.4	361.7	.
Kazakhstan	1209	1169	37.1	61.4	1.5	2.5	0.6	442.9	442.2	429.1	461.5	431.4
Korea, Rep. of	243	234	28.2	71.8	0.0	1.5	2.8	548.7	544.7	.	534.6	535.1
Kuwait	157	154	31.8	67.8	0.4	0.8	1.1	424.4	417.7	549.9	407.8	372.6
Lithuania	1096	946	31.0	68.7	0.3	1.5	10.8	521.2	517.8	541.2	527.3	521.5
Malaysia	313	313	39.7	60.3	0.0	0.0	0.0	428.4	425.0	.	.	.
Malta	466	394	18.7	80.9	0.4	0.0	11.7	549.1	491.5	501.7	.	492.6
Morocco	511	490	40.0	57.3	2.7	0.4	2.2	328.8	323.8	338.3	409.0	346.5
New Zealand	211	133	39.4	60.6	0.0	1.1	38.6	503.4	492.6	.	527.5	508.7
Norway (9)	310	239	21.1	78.4	0.5	0.0	21.3	503.6	487.9	451.4	.	478.6
Oman	284	272	62.6	35.9	1.5	2.9	0.5	457.1	452.7	437.0	462.9	515.7
Palestinian Nat'l Auth.	199	188	31.6	66.2	2.1	2.5	2.9	397.9	390.2	434.5	387.2	374.9
Portugal	521	493	61.5	38.5	0.0	0.1	4.9	506.0	506.1	.	442.5	498.7
Qatar	242	233	64.0	35.9	0.1	0.3	1.8	480.9	480.9	559.9	501.7	485.4
Romania	429	319	67.0	32.5	0.5	1.3	23.1	467.9	477.8	364.1	482.6	450.7
Saudi Arabia	214	197	26.5	66.5	7.0	3.4	4.7	420.7	419.0	414.7	424.6	414.6
Singapore	345	345	68.8	31.0	0.2	0.0	0.0	603.9	610.9	657.4	.	.
South Africa (9)	288	212	38.8	56.6	4.6	1.9	29.4	371.3	362.3	330.4	397.7	355.3
Sweden	814	672	50.4	45.7	3.9	2.7	13.9	522.4	522.7	533.3	527.8	510.5
Turkiye	189	186	40.9	59.1	0.0	1.8	0.0	524.8	532.6	.	535.9	.
United Arab Emirates	1614	1406	63.1	36.2	0.7	0.3	11.5	488.6	476.7	485.1	530.1	500.7
United States	672	584	25.6	74.4	0.0	1.3	8.9	519.9	513.6	.	493.9	505.9
Uzbekistan	668	644	42.0	56.4	1.6	2.4	1.4	395.8	396.8	366.9	390.3	387.5
International Avg. (44)	23553	20728	43.2	55.7	1.1	1.5	10.2	476.0	470.4	456.5	466.7	467.6
Abu Dhabi, UAE	597	520	62.6	36.6	0.8	0.1	11.2	440.8	445.8	454.2	547.5	447.8
Dubai, UAE	432	364	67.7	31.4	0.9	0.2	11.5	554.1	536.6	504.2	496.7	540.5
Sharjah, UAE	307	268	60.2	39.0	0.9	0.7	14.1	500.8	476.9	504.5	575.5	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? <Earth Science>
Location: TQG-05e (BTBG05E)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	546	19.4	80.6	0.0	0.6	33.7	527.4	524.5	.	562.7	509.7
Austria	889	794	4.3	95.7	0.0	2.6	8.4	498.9	513.8	.	502.1	499.3
Azerbaijan	1140	879	31.2	66.0	2.8	10.2	12.4	408.8	412.3	400.9	410.2	415.3
Bahrain	223	220	12.4	87.2	0.4	1.3	0.0	445.6	453.3	373.6	443.0	.
Brazil	916	880	57.2	42.2	0.7	1.0	4.1	425.4	413.2	307.1	378.2	442.1
Chile	168	145	32.2	67.2	0.6	2.3	11.0	449.8	458.6	468.9	468.7	447.5
Chinese Taipei	239	239	10.1	89.9	0.0	0.0	0.0	578.3	571.1	.	.	.
Cote d'Ivoire	372	179	37.7	61.1	1.1	2.6	50.7	151.5	199.4	156.6	192.3	184.6
Cyprus	775	688	26.3	73.7	0.0	0.2	10.6	469.0	461.4	.	528.1	470.4
Czech Republic	1348	1265	8.8	89.2	2.0	0.6	5.6	522.0	527.5	515.2	558.0	531.0
England	262	127	7.9	90.3	1.8	0.1	38.1	550.4	530.2	532.4	625.4	530.5
Finland	1239	1203	31.5	66.1	2.5	0.1	2.4	531.6	530.6	511.9	535.7	538.2
France	379	332	43.0	56.6	0.4	0.0	11.7	489.6	487.0	486.5	.	471.8
Georgia	936	923	27.3	72.7	0.0	1.3	0.1	449.1	447.7	.	417.9	497.7
Hong Kong SAR	185	116	3.2	95.6	1.2	0.3	34.9	568.8	530.1	590.1	517.2	519.7
Hungary	1086	923	11.3	88.4	0.3	1.4	12.9	513.8	523.1	568.9	503.0	520.2
Iran, Islamic Rep. of	224	222	15.4	83.7	0.9	0.8	0.0	429.8	416.5	496.0	388.6	.
Ireland	440	398	7.8	91.9	0.2	1.6	8.4	522.4	529.6	511.4	509.0	515.8
Israel	265	242	15.2	84.6	0.2	2.0	6.8	485.3	481.9	368.2	437.9	472.1
Italy	236	210	43.8	54.5	1.7	7.9	2.9	490.4	506.3	505.5	519.2	491.0
Japan	147	143	11.4	88.6	0.0	1.1	1.7	549.5	557.6	.	582.5	559.5
Jordan	225	222	29.7	65.8	4.5	0.6	0.0	410.9	413.5	421.4	361.7	.
Kazakhstan	1209	1163	33.1	65.4	1.5	2.8	0.7	441.7	443.7	429.1	441.0	429.8
Korea, Rep. of	243	235	22.2	77.8	0.0	1.2	2.8	545.5	545.9	.	535.4	535.1
Kuwait	157	154	10.6	89.0	0.4	0.8	1.1	408.0	421.2	549.9	407.8	372.6
Lithuania	1096	947	23.4	76.3	0.3	1.2	10.8	522.2	517.8	541.2	527.5	521.5
Malaysia	313	309	5.7	94.3	0.0	1.4	0.0	430.2	426.7	.	390.7	.
Malta	466	392	3.4	96.2	0.4	0.2	11.7	521.5	501.4	501.7	597.0	492.6
Morocco	511	490	32.2	65.0	2.7	0.4	2.2	324.6	326.5	338.3	409.0	346.5
New Zealand	211	134	15.2	84.8	0.0	0.9	38.6	508.0	495.7	.	489.1	508.7
Norway (9)	310	237	8.6	90.9	0.5	0.7	21.3	501.1	490.7	451.4	451.1	478.6
Oman	284	270	20.1	78.4	1.5	3.6	0.5	458.0	454.9	437.0	459.4	515.7
Palestinian Nat'l Auth.	199	187	11.3	86.6	2.1	2.6	2.9	383.2	393.9	434.5	388.6	374.9
Portugal	521	492	46.1	53.9	0.0	0.4	4.9	504.6	507.5	.	447.3	498.7
Qatar	242	231	16.5	83.4	0.1	1.6	1.8	469.2	482.6	559.9	513.6	485.4
Romania	429	319	37.6	61.9	0.5	1.3	23.1	467.5	473.3	364.1	482.0	450.7
Saudi Arabia	214	196	4.3	88.7	7.0	3.9	4.7	461.4	417.3	414.7	426.7	414.6
Singapore	345	344	4.5	95.4	0.2	0.0	0.0	621.0	605.4	657.4	457.7	.
South Africa (9)	288	208	9.0	86.4	4.6	2.5	29.5	377.9	365.5	330.4	374.2	355.2
Sweden	814	671	8.2	87.9	3.9	2.9	13.9	514.6	523.5	533.3	523.0	510.5
Turkiye	189	186	23.7	76.3	0.0	1.8	0.0	514.0	534.2	.	535.9	.
United Arab Emirates	1614	1400	23.8	75.5	0.7	0.5	11.6	481.7	485.0	485.1	505.7	500.9
United States	672	585	22.8	77.2	0.0	1.3	8.9	515.4	515.1	.	491.2	505.9
Uzbekistan	668	646	35.5	63.0	1.6	2.1	1.4	396.8	396.2	366.9	389.0	387.5
International Avg. (44)	23553	20692	20.6	78.3	1.1	1.7	10.2	473.6	473.0	456.5	468.7	467.6
Abu Dhabi, UAE	597	518	21.9	77.3	0.8	0.3	11.4	437.9	443.9	454.2	468.6	449.0
Dubai, UAE	432	363	24.1	75.0	0.9	0.4	11.5	555.7	546.2	504.2	515.5	540.5
Sharjah, UAE	307	266	24.3	74.8	0.9	1.0	14.1	488.2	492.4	504.5	552.7	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Mathematics
Location: TQG-05f (BTBG05F)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	545	13.7	86.3	0.0	0.7	33.7	537.5	523.1	.	561.9	509.7
Austria	889	794	32.7	67.3	0.0	2.6	8.4	511.8	513.9	.	502.1	499.3
Azerbaijan	1140	869	13.7	83.4	2.9	11.2	12.4	408.6	411.8	400.9	409.3	415.3
Bahrain	223	220	6.3	93.3	0.4	1.3	0.0	467.0	451.3	373.6	443.0	.
Brazil	916	870	16.2	83.1	0.7	1.4	4.2	432.4	418.1	307.1	376.6	441.0
Chile	168	144	5.5	93.9	0.6	3.2	11.0	437.7	457.1	468.9	457.6	447.5
Chinese Taipei	239	239	1.6	98.4	0.0	0.0	0.0	539.8	572.4	.	.	.
Cote d'Ivoire	372	174	16.2	82.6	1.2	3.4	50.7	190.5	180.2	156.6	179.6	184.6
Cyprus	775	687	1.8	98.2	0.0	0.7	10.6	510.6	462.1	.	531.1	470.4
Czech Republic	1348	1266	18.0	80.0	2.0	0.3	5.6	531.9	525.9	515.2	570.2	531.0
England	262	125	2.9	95.2	1.9	1.3	38.1	533.0	531.8	532.4	535.8	530.5
Finland	1239	1202	5.7	91.8	2.5	0.2	2.4	535.0	530.6	511.9	546.5	538.2
France	379	332	6.9	92.8	0.4	0.0	11.7	482.1	488.6	486.5	.	471.8
Georgia	936	918	6.4	93.6	0.0	1.7	0.1	446.4	448.3	.	423.3	497.7
Hong Kong SAR	185	116	17.1	81.8	1.2	0.3	34.9	527.9	532.1	590.1	517.2	519.7
Hungary	1086	925	22.3	77.4	0.3	1.2	12.9	526.6	520.5	568.9	508.0	520.2
Iran, Islamic Rep. of	224	222	6.6	92.5	0.9	0.8	0.0	425.2	418.0	496.0	388.6	.
Ireland	440	397	18.0	81.8	0.2	2.1	8.4	531.4	528.4	511.4	518.1	515.8
Israel	265	243	4.4	95.4	0.2	1.5	6.8	517.9	480.7	368.2	431.0	472.1
Italy	236	210	34.8	63.5	1.7	7.9	2.9	504.2	496.5	505.5	519.2	491.0
Japan	147	143	3.2	96.8	0.0	1.1	1.7	551.4	556.8	.	582.5	559.5
Jordan	225	222	7.4	88.1	4.5	0.6	0.0	428.4	411.4	421.4	361.7	.
Kazakhstan	1209	1160	10.5	88.0	1.5	3.1	0.6	431.3	444.3	429.1	444.4	431.4
Korea, Rep. of	243	233	2.1	97.9	0.0	2.4	2.8	537.4	546.0	.	541.0	535.1
Kuwait	157	152	2.4	97.2	0.4	2.1	1.1	367.5	421.6	549.9	396.5	372.6
Lithuania	1096	944	3.2	96.5	0.3	1.6	10.8	506.3	519.2	541.2	526.3	521.5
Malaysia	313	310	15.1	84.9	0.0	1.1	0.0	432.3	425.0	.	450.4	.
Malta	466	393	10.4	89.2	0.4	0.2	11.7	510.8	501.1	501.7	582.9	492.6
Morocco	511	491	1.1	96.1	2.7	0.3	2.2	323.9	325.9	338.3	436.7	346.5
New Zealand	211	135	6.3	93.7	0.0	0.3	38.6	486.0	498.2	.	490.3	508.7
Norway (9)	310	238	28.6	70.9	0.5	0.3	21.3	488.6	492.5	451.4	453.3	478.6
Oman	284	269	5.8	92.7	1.5	4.1	0.5	472.3	454.7	437.0	454.5	515.7
Palestinian Nat'l Auth.	199	188	2.6	95.2	2.1	2.5	2.9	385.6	392.9	434.5	387.2	374.9
Portugal	521	488	4.1	95.9	0.0	1.1	4.9	506.9	506.3	.	471.9	498.7
Qatar	242	230	9.9	90.0	0.1	2.4	1.8	506.3	476.5	559.9	540.3	485.4
Romania	429	317	11.3	88.2	0.5	2.1	23.1	466.1	472.1	364.1	469.7	450.7
Saudi Arabia	214	197	2.2	90.8	7.0	3.4	4.7	459.1	418.5	414.7	424.6	414.6
Singapore	345	344	21.8	78.0	0.2	0.0	0.0	614.9	603.7	657.4	457.7	.
South Africa (9)	288	11	0.0	0.0	100.0	0.0	96.8	.	.	330.4	.	363.4
Sweden	814	671	45.2	50.9	3.9	2.8	13.9	523.6	521.6	533.3	527.2	510.5
Turkiye	189	186	26.2	73.8	0.0	1.8	0.0	519.1	533.1	.	535.9	.
United Arab Emirates	1614	1392	7.9	91.4	0.7	1.2	11.6	499.5	482.9	485.1	497.9	500.7
United States	672	584	8.1	91.9	0.0	1.9	8.9	524.8	514.0	.	516.9	505.9
Uzbekistan	668	643	11.3	87.1	1.6	2.3	1.4	391.0	397.1	366.9	389.7	387.5
International Avg. (44)	23553	20439	11.3	85.4	3.3	1.8	11.7	477.5	474.6	456.5	472.2	467.8
Abu Dhabi, UAE	597	517	8.5	90.7	0.8	0.4	11.3	449.2	441.8	454.2	523.4	448.3
Dubai, UAE	432	361	8.8	90.3	0.9	0.9	11.5	560.9	547.7	504.2	507.0	540.5
Sharjah, UAE	307	262	9.0	90.2	0.9	3.0	14.1	509.5	490.2	504.5	496.0	537.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Science
Location: TQG-05g (BTBG05G)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	547	73.2	26.8	0.0	0.5	33.7	525.4	524.8	.	548.8	509.7
Austria	889	795	78.1	21.9	0.0	2.3	8.4	519.5	490.4	.	501.8	499.3
Azerbaijan	1140	875	29.9	67.3	2.9	10.7	12.4	413.2	410.3	400.9	410.0	415.3
Bahrain	223	220	39.9	59.7	0.4	1.3	0.0	460.8	446.7	373.6	443.0	.
Brazil	916	882	76.7	22.6	0.7	0.9	4.1	423.3	409.9	307.1	364.7	442.1
Chile	168	145	63.4	36.0	0.6	2.6	11.0	465.7	440.8	468.9	437.5	447.5
Chinese Taipei	239	239	23.1	76.9	0.0	0.0	0.0	581.9	568.8	.	.	.
Cote d'Ivoire	372	182	60.5	38.4	1.1	1.2	50.5	179.3	184.9	156.6	198.6	184.4
Cyprus	775	686	11.0	89.0	0.0	0.2	10.7	487.8	460.3	.	507.7	471.2
Czech Republic	1348	1271	63.0	35.1	2.0	0.2	5.5	531.2	520.2	515.2	481.1	531.1
England	262	125	60.3	37.8	1.9	0.5	38.4	527.0	540.0	532.4	576.0	529.7
Finland	1239	1202	14.3	83.2	2.5	0.2	2.4	533.1	530.5	511.9	546.5	538.2
France	379	331	46.9	52.8	0.4	0.5	11.7	486.0	490.2	486.5	465.3	471.8
Georgia	936	921	37.2	62.8	0.0	1.4	0.1	445.8	449.4	.	423.3	497.7
Hong Kong SAR	185	117	48.2	50.7	1.1	0.0	34.9	543.4	519.8	590.1	.	519.7
Hungary	1086	926	86.7	13.0	0.3	1.1	12.9	523.3	512.9	568.9	501.6	520.2
Iran, Islamic Rep. of	224	223	55.3	43.8	0.9	0.3	0.0	423.5	411.9	496.0	382.5	.
Ireland	440	400	63.8	36.0	0.2	1.7	8.4	531.3	525.4	511.4	505.5	515.8
Israel	265	245	68.7	31.1	0.2	0.5	6.8	485.1	475.3	368.2	365.3	472.1
Italy	236	210	37.4	60.9	1.7	7.9	2.9	500.4	498.5	505.5	519.2	491.0
Japan	147	143	45.4	54.6	0.0	1.1	1.7	556.1	557.1	.	582.5	559.5
Jordan	225	222	23.7	71.8	4.5	0.6	0.0	421.0	409.9	421.4	361.7	.
Kazakhstan	1209	1161	39.6	58.9	1.5	2.9	0.6	449.5	438.2	429.1	450.1	431.4
Korea, Rep. of	243	235	39.6	60.4	0.0	1.2	2.8	547.5	544.7	.	535.4	535.1
Kuwait	157	152	41.9	57.7	0.4	2.1	1.1	410.8	426.4	549.9	416.3	372.6
Lithuania	1096	944	19.8	79.9	0.3	1.7	10.8	520.8	518.2	541.2	530.7	521.5
Malaysia	313	312	45.7	54.3	0.0	0.4	0.0	422.2	429.9	.	432.0	.
Malta	466	394	51.0	48.6	0.4	0.0	11.7	507.0	497.4	501.7	.	492.6
Morocco	511	489	19.4	77.9	2.8	0.7	2.2	328.7	325.1	338.3	377.0	346.5
New Zealand	211	135	40.9	59.1	0.0	0.3	38.6	498.9	496.5	.	490.3	508.7
Norway (9)	310	238	36.6	62.8	0.5	0.3	21.3	488.7	492.9	451.4	453.3	478.6
Oman	284	270	34.0	64.5	1.5	3.7	0.7	465.6	450.4	437.0	456.1	505.1
Palestinian Nat'l Auth.	199	189	46.3	51.6	2.1	1.8	2.9	389.8	394.7	434.5	400.5	374.9
Portugal	521	492	59.3	40.7	0.0	0.4	4.9	506.4	505.8	.	447.3	498.7
Qatar	242	233	40.6	59.3	0.1	0.3	1.8	498.0	469.1	559.9	501.7	485.4
Romania	429	317	29.2	70.3	0.5	2.1	23.1	471.9	471.2	364.1	469.7	450.7
Saudi Arabia	214	198	25.3	67.7	7.0	3.0	4.7	429.8	416.0	414.7	417.4	414.6
Singapore	345	344	61.8	38.1	0.2	0.0	0.0	606.8	605.1	657.4	457.7	.
South Africa (9)	288	11	0.0	0.0	100.0	0.0	96.8	.	.	330.4	.	363.4
Sweden	814	674	67.6	28.6	3.9	2.5	13.9	525.0	516.6	533.3	530.6	510.5
Turkiye	189	187	82.0	18.0	0.0	1.6	0.0	525.2	549.0	.	532.5	.
United Arab Emirates	1614	1402	50.0	49.3	0.7	0.7	11.6	493.2	475.0	485.1	519.4	500.7
United States	672	585	46.7	53.3	0.0	0.9	8.9	515.2	514.3	.	529.2	505.9
Uzbekistan	668	644	34.1	64.3	1.6	2.5	1.4	395.7	396.6	366.9	393.1	387.5
International Avg. (44)	23553	20513	45.9	50.8	3.3	1.5	11.7	478.2	472.3	456.5	461.6	467.6
Abu Dhabi, UAE	597	519	53.2	46.0	0.8	0.1	11.3	449.2	435.0	454.2	541.8	448.3
Dubai, UAE	432	365	53.5	45.6	0.9	0.1	11.5	559.7	535.0	504.2	621.6	540.5
Sharjah, UAE	307	265	47.0	52.1	0.9	2.5	14.1	498.1	484.6	504.5	528.0	537.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--General
Location: TQG-05h (BTBG05H)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	546	35.3	64.7	0.0	0.6	33.7	529.2	523.1	.	549.8	509.7
Austria	889	0	.	.	.	.	.	.	.	.	.	.
Azerbaijan	1140	874	22.7	74.4	2.9	10.6	12.4	419.2	408.7	400.9	410.0	415.3
Bahrain	223	220	29.6	70.0	0.4	1.3	0.0	439.2	457.8	373.6	443.0	.
Brazil	916	879	48.9	50.5	0.7	1.0	4.1	415.4	424.9	307.1	374.5	442.1
Chile	168	146	52.2	47.2	0.6	1.7	11.0	441.8	471.4	468.9	466.8	447.5
Chinese Taipei	239	239	19.4	80.6	0.0	0.0	0.0	569.1	572.5	.	.	.
Cote d'Ivoire	372	178	34.0	64.9	1.1	2.3	50.7	184.8	179.6	156.6	188.9	184.6
Cyprus	775	689	7.1	92.9	0.0	0.1	10.6	476.2	462.4	.	546.9	470.4
Czech Republic	1348	1265	16.2	81.8	2.0	0.4	5.6	526.5	527.2	515.2	548.0	531.0
England	262	126	19.1	79.1	1.8	0.4	38.1	516.5	535.7	532.4	521.6	530.5
Finland	1239	1202	28.0	69.5	2.5	0.2	2.4	523.6	533.8	511.9	546.5	538.2
France	379	331	16.4	83.2	0.4	0.2	11.7	480.5	489.5	486.5	547.5	471.8
Georgia	936	921	39.6	60.4	0.0	1.5	0.1	450.5	446.6	.	419.2	497.7
Hong Kong SAR	185	116	12.0	86.9	1.2	0.3	34.9	547.3	529.2	590.1	517.2	519.7
Hungary	1086	923	7.8	91.9	0.3	1.4	12.9	514.7	522.6	568.9	503.0	520.2
Iran, Islamic Rep. of	224	223	14.8	84.3	0.9	0.5	0.0	430.8	416.2	496.0	392.0	.
Ireland	440	398	36.8	62.9	0.2	2.3	8.4	525.7	530.7	511.4	521.5	515.8
Israel	265	243	34.5	65.3	0.2	1.5	6.8	484.9	480.9	368.2	431.0	472.1
Italy	236	210	12.4	85.9	1.7	7.9	2.9	491.4	500.4	505.5	519.2	491.0
Japan	147	143	25.5	74.5	0.0	1.1	1.7	555.1	557.2	.	582.5	559.5
Jordan	225	222	5.2	90.3	4.5	0.6	0.0	425.8	411.9	421.4	361.7	.
Kazakhstan	1209	1163	43.5	55.0	1.5	2.8	0.6	447.7	439.0	429.1	447.7	431.4
Korea, Rep. of	243	235	8.4	91.6	0.0	1.2	2.8	536.0	546.7	.	535.4	535.1
Kuwait	157	152	6.6	93.0	0.4	2.1	1.1	436.6	419.1	549.9	396.5	372.6
Lithuania	1096	946	23.6	76.2	0.3	1.4	10.8	523.7	517.3	541.2	529.1	521.5
Malaysia	313	310	9.4	90.6	0.0	1.1	0.0	439.6	424.8	.	450.4	.
Malta	466	394	35.1	64.5	0.4	0.0	11.7	518.5	493.5	501.7	.	492.6
Morocco	511	486	6.9	90.4	2.8	1.4	2.2	329.5	325.3	338.3	369.0	346.5
New Zealand	211	135	26.1	73.9	0.0	0.3	38.6	508.8	493.4	.	490.3	508.7
Norway (9)	310	239	68.9	30.5	0.5	0.0	21.3	490.7	492.6	451.4	.	478.6
Oman	284	269	14.3	84.2	1.5	4.3	0.5	459.1	455.2	437.0	455.3	515.7
Palestinian Nat'l Auth.	199	188	9.7	88.1	2.1	2.5	2.9	394.9	392.4	434.5	387.2	374.9
Portugal	521	493	44.1	55.9	0.0	0.1	4.9	505.4	506.5	.	442.5	498.7
Qatar	242	230	30.3	69.6	0.1	2.0	1.8	496.1	473.0	559.9	526.6	485.4
Romania	429	315	23.8	75.6	0.5	2.6	23.1	463.2	474.0	364.1	469.2	450.7
Saudi Arabia	214	197	8.7	84.2	7.0	3.7	4.7	447.4	417.2	414.7	411.0	414.6
Singapore	345	342	42.2	57.6	0.2	0.5	0.0	609.7	603.5	657.4	594.0	.
South Africa (9)	288	212	33.6	61.9	4.6	1.4	29.5	385.0	358.1	330.4	339.0	355.2
Sweden	814	673	29.0	67.2	3.9	2.6	13.9	529.5	519.5	533.3	528.6	510.5
Turkiye	189	186	42.0	58.0	0.0	1.8	0.0	529.7	529.2	.	535.9	.
United Arab Emirates	1614	1400	25.6	73.7	0.7	0.9	11.6	485.4	484.3	485.1	474.3	500.4
United States	672	585	40.0	60.0	0.0	1.4	8.9	507.0	520.0	.	518.4	505.9
Uzbekistan	668	643	16.3	82.1	1.6	2.6	1.4	394.4	396.6	366.9	396.1	387.5
International Avg. (43)	23553	19887	25.7	73.1	1.1	1.7	10.2	474.1	471.2	456.5	467.2	466.8
Abu Dhabi, UAE	597	518	30.4	68.8	0.8	0.8	11.4	423.6	452.1	454.2	382.3	448.0
Dubai, UAE	432	365	27.8	71.3	0.9	0.1	11.5	561.8	543.1	504.2	621.6	540.5
Sharjah, UAE	307	264	21.4	77.8	0.9	2.5	14.3	513.1	485.3	504.5	521.5	536.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Other
Location: TQG-05i (BTBG05I)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	25.3	74.7	0.0	0.6	33.7	536.3	521.4	.	559.8	509.7
Austria	889	795	50.5	49.5	0.0	2.3	8.4	505.5	521.0	.	501.8	499.3
Azerbaijan	1140	866	24.5	72.6	2.9	11.6	12.5	413.9	410.0	400.9	411.2	415.8
Bahrain	223	217	10.1	89.4	0.5	2.6	0.0	491.4	447.9	373.6	447.8	.
Brazil	916	866	31.8	67.5	0.7	2.5	4.1	411.6	424.8	307.1	388.2	442.1
Chile	168	141	29.5	69.9	0.6	5.3	11.0	443.9	461.9	468.9	448.2	447.5
Chinese Taipei	239	227	11.9	88.1	0.0	3.9	0.0	556.9	573.9	.	570.5	.
Cote d'Ivoire	372	171	15.4	83.4	1.2	4.8	50.5	198.6	181.5	156.6	161.2	184.4
Cyprus	775	686	8.7	91.3	0.0	0.3	10.7	490.4	460.7	.	507.3	471.2
Czech Republic	1348	1261	30.6	67.4	2.0	1.0	5.6	522.4	529.4	515.2	524.7	531.0
England	262	123	9.5	88.7	1.9	1.4	38.1	520.6	533.0	532.4	534.9	530.5
Finland	1239	1201	13.4	84.1	2.5	0.4	2.4	512.5	533.8	511.9	544.1	538.2
France	379	327	13.4	86.2	0.4	1.3	11.7	469.9	490.8	486.5	497.8	471.8
Georgia	936	908	21.9	78.1	0.0	3.2	0.1	447.1	448.7	.	429.3	497.7
Hong Kong SAR	185	116	20.7	78.1	1.2	0.3	34.9	518.7	534.7	590.1	517.2	519.7
Hungary	1086	923	36.6	63.1	0.3	1.3	12.9	517.9	524.5	568.9	500.2	520.2
Iran, Islamic Rep. of	224	223	19.9	79.1	0.9	0.5	0.0	396.8	423.9	496.0	392.0	.
Ireland	440	387	19.3	80.5	0.2	4.1	8.8	536.7	527.2	511.4	518.6	517.9
Israel	265	236	31.3	68.5	0.2	3.6	6.8	493.4	477.7	368.2	454.4	472.1
Italy	236	211	23.6	74.7	1.7	7.6	2.9	488.2	502.7	505.5	519.8	491.0
Japan	147	143	10.1	89.9	0.0	1.1	1.7	549.3	557.5	.	582.5	559.5
Jordan	225	219	7.7	87.8	4.6	1.5	0.0	399.4	413.7	421.4	400.7	.
Kazakhstan	1209	1148	20.1	78.4	1.5	4.5	0.6	444.8	442.4	429.1	444.7	431.4
Korea, Rep. of	243	234	7.4	92.6	0.0	1.8	2.8	546.0	545.9	.	535.0	535.1
Kuwait	157	152	7.1	92.5	0.4	2.1	1.1	420.3	420.2	549.9	395.9	372.6
Lithuania	1096	935	17.1	82.6	0.3	2.6	10.9	521.1	518.0	541.2	531.5	521.8
Malaysia	313	310	28.1	71.9	0.0	1.1	0.0	416.8	429.8	.	450.4	.
Malta	466	392	15.1	84.5	0.4	0.2	11.7	498.6	502.8	501.7	568.8	492.6
Morocco	511	482	7.2	90.0	2.8	2.0	2.2	331.1	325.0	338.3	362.8	346.5
New Zealand	211	133	23.8	76.2	0.0	0.7	38.6	481.6	501.6	.	548.0	508.7
Norway (9)	310	239	54.9	44.6	0.5	0.0	21.3	488.8	494.2	451.4	.	478.6
Oman	284	269	10.1	88.4	1.5	3.7	0.7	478.6	452.5	437.0	467.2	505.1
Palestinian Nat'l Auth.	199	188	6.9	91.0	2.1	2.5	2.9	407.2	391.6	434.5	387.2	374.9
Portugal	521	482	14.6	85.4	0.0	2.2	4.9	507.0	505.8	.	505.2	498.7
Qatar	242	232	22.7	77.2	0.1	1.4	1.8	498.4	475.1	559.9	519.4	485.4
Romania	429	312	17.2	82.2	0.5	3.6	23.3	461.5	472.8	364.1	479.8	451.0
Saudi Arabia	214	197	3.4	89.7	7.0	2.9	4.7	460.6	417.6	414.7	434.4	414.6
Singapore	345	344	18.1	81.7	0.2	0.4	0.0	597.8	607.8	657.4	619.6	.
South Africa (9)	288	197	28.9	66.1	5.0	6.5	30.0	377.9	360.5	330.4	376.6	355.5
Sweden	814	673	33.1	63.1	3.9	2.6	13.9	524.4	521.5	533.3	528.6	510.5
Turkiye	189	185	22.5	77.5	0.0	2.6	0.0	530.4	529.3	.	528.9	.
United Arab Emirates	1614	1392	20.2	79.1	0.7	1.1	11.6	484.2	483.8	485.1	521.6	500.9
United States	672	584	36.3	63.7	0.0	1.0	8.9	508.3	518.2	.	540.2	505.9
Uzbekistan	668	640	13.1	85.3	1.6	2.8	1.4	397.6	396.0	366.9	396.4	387.5
International Avg. (44)	23553	20512	20.3	78.6	1.1	2.5	10.2	472.8	473.0	456.5	478.0	467.5
Abu Dhabi, UAE	597	515	22.7	76.5	0.8	0.8	11.4	434.5	444.4	454.2	499.7	449.0
Dubai, UAE	432	361	20.8	78.3	0.9	1.3	11.5	549.1	548.2	504.2	548.9	540.5
Sharjah, UAE	307	265	21.0	78.1	0.9	1.1	14.1	507.5	487.1	504.5	548.4	537.7

Question: How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals
Location: TQG-06a (BTBG06A)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	544	28.6	54.5	15.8	1.0	0.1	1.2	33.7	529.2	521.5	530.2	580.9	508.1	514.5	509.7
Austria	889	790	25.0	55.9	17.3	1.5	0.2	3.3	8.2	516.7	513.6	507.3	504.0	517.0	502.9	500.5
Azerbaijan	1140	946	35.1	51.6	12.9	0.4	0.0	3.2	12.4	414.5	409.6	406.6	409.6	.	407.8	415.3
Bahrain	223	220	60.5	34.5	4.9	0.0	0.0	0.8	0.0	457.7	442.6	440.2	.	.	483.2	.
Brazil	916	884	24.2	52.2	21.1	2.3	0.1	0.9	4.1	426.4	420.9	411.0	386.2	431.8	380.8	442.1
Chile	168	147	29.4	60.4	9.5	0.7	0.0	0.7	11.0	462.7	453.2	451.5	398.2	.	542.0	447.5
Chinese Taipei	239	238	27.4	59.9	10.4	1.7	0.6	0.3	0.0	567.5	576.8	556.2	555.7	546.8	661.7	.
Cote d'Ivoire	372	185	17.0	58.2	22.7	0.5	1.7	0.6	50.5	177.7	187.7	172.7	117.7	135.0	201.2	184.4
Cyprus	775	688	51.3	40.1	7.5	0.8	0.3	0.3	10.7	467.3	461.4	454.0	419.3	426.1	519.3	469.6
Czech Republic	1348	1271	19.9	64.7	14.2	1.0	0.3	0.1	5.5	525.7	526.6	529.5	542.4	494.6	567.4	531.1
England	262	126	36.7	51.2	12.0	0.0	0.0	0.9	38.1	532.3	531.7	519.5	.	.	633.7	530.5
Finland	1239	1200	22.8	63.0	13.1	1.1	0.0	0.3	2.4	539.9	529.3	520.7	521.1	.	515.3	538.2
France	379	328	14.2	49.3	28.1	6.1	2.3	1.0	11.7	492.9	489.6	482.2	498.5	474.5	479.9	471.8
Georgia	936	921	24.2	60.8	14.6	0.1	0.2	1.5	0.1	451.5	447.3	443.0	514.6	427.9	446.8	497.7
Hong Kong SAR	185	117	26.9	65.8	7.3	0.0	0.0	0.0	34.9	550.1	520.3	570.7	.	.	.	519.7
Hungary	1086	922	31.0	56.7	11.6	0.7	0.0	1.4	13.2	522.5	524.3	510.1	530.3	.	504.9	520.2
Iran, Islamic Rep. of	224	223	39.4	44.1	16.1	0.5	0.0	0.5	0.0	417.8	416.5	422.7	517.8	.	527.7	.
Ireland	440	400	44.5	45.1	9.9	0.5	0.0	1.5	8.4	527.0	528.4	537.7	588.0	.	510.0	515.8
Israel	265	244	40.7	48.0	11.1	0.2	0.0	0.7	6.8	479.6	484.4	474.9	424.4	.	487.4	472.1
Italy	236	210	14.4	44.1	37.5	4.0	0.0	7.2	2.9	502.0	502.9	495.6	496.4	.	515.6	491.0
Japan	147	144	7.6	52.5	36.1	3.8	0.0	0.0	1.7	578.3	554.7	554.9	565.3	.	.	559.5
Jordan	225	221	36.2	51.3	12.2	0.0	0.3	0.9	0.0	413.2	414.5	406.9	334.8	358.4	389.6	.
Kazakhstan	1209	1177	39.1	57.1	3.7	0.1	0.0	2.0	0.6	447.5	439.0	449.4	441.2	.	446.7	431.4
Korea, Rep. of	243	236	43.0	43.6	12.7	0.8	0.0	0.9	2.8	548.1	543.9	546.8	501.9	.	536.3	535.1
Kuwait	157	155	43.5	41.2	14.7	0.7	0.0	0.0	1.1	431.3	416.4	397.0	442.8	.	.	372.6
Lithuania	1096	959	48.6	47.7	3.7	0.0	0.0	0.2	10.5	519.9	518.8	511.7	.	.	501.9	521.5
Malaysia	313	312	26.3	64.4	9.0	0.3	0.0	0.3	0.0	437.0	421.2	431.4	520.1	.	376.6	.
Malta	466	392	29.7	60.2	9.7	0.5	0.0	0.0	12.2	515.9	496.9	497.6	418.6	.	.	493.7
Morocco	511	490	32.3	52.5	13.5	1.5	0.2	0.3	2.2	333.2	325.9	318.0	307.6	254.5	259.0	346.5
New Zealand	211	136	29.5	47.3	19.1	4.1	0.0	0.0	38.6	517.6	493.8	488.9	434.7	.	.	508.7
Norway (9)	310	239	23.1	66.2	10.7	0.0	0.0	0.0	21.3	494.5	492.9	472.3	.	.	.	478.6
Oman	284	281	60.8	34.8	4.2	0.2	0.0	0.4	0.5	456.9	456.1	427.8	374.9	.	509.5	515.7
Palestinian Nat'l Auth.	199	189	34.5	59.3	5.6	0.5	0.0	1.6	2.9	401.2	389.5	379.9	386.2	.	417.5	374.9
Portugal	521	492	33.9	56.2	9.8	0.0	0.0	0.5	4.9	510.8	504.3	497.1	.	.	527.4	498.7
Qatar	242	235	70.5	27.1	2.4	0.1	0.0	0.0	1.8	476.4	489.4	519.2	581.6	.	.	485.4
Romania	429	322	63.1	35.2	1.7	0.0	0.0	0.3	23.1	471.8	469.6	453.7	.	.	494.4	450.7
Saudi Arabia	214	202	65.1	31.5	3.4	0.0	0.0	1.1	4.7	426.0	411.4	373.0	.	.	395.6	414.6
Singapore	345	344	26.8	61.7	10.9	0.0	0.5	0.2	0.0	625.3	604.2	574.8	438.8	482.3	697.1	.
South Africa (9)	288	216	30.6	58.0	11.4	0.0	0.0	1.5	29.3	387.7	356.2	358.4	.	.	322.5	355.4
Sweden	814	673	36.4	51.9	10.9	0.7	0.0	2.5	13.9	516.5	524.5	540.6	461.8	.	530.4	510.5
Turkiye	189	189	43.6	44.6	11.8	0.0	0.0	0.0	0.0	546.3	514.1	525.8	.	.	.	.
United Arab Emirates	1614	1404	57.2	38.7	4.0	0.1	0.0	0.4	11.5	491.1	478.7	447.8	523.9	.	452.4	500.4
United States	672	581	36.6	48.8	13.0	1.2	0.4	0.7	8.9	511.6	518.9	505.0	526.6	628.0	520.2	505.5
Uzbekistan	668	650	31.4	54.2	14.3	0.1	0.1	1.2	1.4	402.1	393.0	391.6	384.8	409.4	405.7	387.5
International Avg. (44)	23553	20843	35.5	51.1	12.4	0.9	0.2	0.9	10.2	477.7	470.8	466.0	460.3	435.3	477.3	467.7
Abu Dhabi, UAE	597	519	50.6	42.6	6.7	0.1	0.0	0.5	11.2	456.8	430.7	414.0	506.9	.	461.9	447.4
Dubai, UAE	432	365	56.7	40.0	3.2	0.1	0.0	0.1	11.5	551.2	545.9	515.6	550.4	.	621.6	540.5
Sharjah, UAE	307	267	62.0	35.3	2.7	0.0	0.0	0.2	14.2	497.6	485.3	465.5	.	.	457.8	536.7

Question: How would you characterize each of the following within your school? Teachers' degree of success in implementing the school's curriculum
Location: TQG-06b (BTBG06B)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	19.5	54.0	24.8	1.6	0.0	1.1	33.7	533.1	526.9	517.3	520.8	629.5	514.3	509.7
Austria	889	784	9.9	52.8	32.8	3.9	0.6	3.6	8.3	530.4	521.9	501.3	461.8	464.1	500.5	500.1
Azerbaijan	1140	939	27.3	52.9	19.4	0.4	0.0	3.8	12.4	418.9	410.0	402.0	430.4	.	407.0	415.3
Bahrain	223	220	55.5	40.2	4.0	0.3	0.0	0.8	0.0	457.3	448.4	402.8	475.4	.	483.2	.
Brazil	916	882	16.5	46.3	33.9	2.5	0.7	1.1	4.1	437.1	425.7	406.0	376.4	382.3	389.6	442.1
Chile	168	147	11.8	52.8	33.9	1.6	0.0	0.7	11.0	457.9	464.5	441.2	441.5	.	542.0	447.5
Chinese Taipei	239	238	17.0	59.1	21.6	1.6	0.6	0.3	0.0	578.0	576.9	556.0	525.8	546.8	661.7	.
Cote d'Ivoire	372	185	12.1	53.8	33.5	0.6	0.0	0.8	50.5	234.9	177.7	170.0	217.5	.	141.1	184.4
Cyprus	775	689	32.1	52.8	13.8	1.2	0.1	0.3	10.6	472.6	461.7	449.1	455.5	387.7	519.3	470.4
Czech Republic	1348	1270	11.9	61.2	26.2	0.7	0.0	0.2	5.5	530.1	529.1	521.0	489.3	.	592.6	531.1
England	262	126	24.2	58.6	16.3	0.9	0.0	0.9	38.1	551.0	528.6	500.6	638.5	.	633.7	530.5
Finland	1239	1200	11.7	67.0	20.4	0.9	0.0	0.3	2.4	538.8	531.1	522.8	554.0	.	515.3	538.2
France	379	327	12.7	48.0	32.2	5.0	2.1	1.1	11.7	496.1	489.9	483.1	490.6	478.1	475.7	471.8
Georgia	936	922	18.6	60.2	20.9	0.3	0.0	1.2	0.1	450.7	446.5	447.5	473.6	.	459.3	497.7
Hong Kong SAR	185	117	21.2	61.2	16.7	0.9	0.0	0.0	34.9	563.1	524.7	525.9	414.8	.	.	519.7
Hungary	1086	918	16.3	58.0	24.1	1.5	0.1	1.7	13.2	530.3	527.3	507.4	467.5	584.8	505.5	520.2
Iran, Islamic Rep. of	224	222	29.0	40.3	28.6	2.1	0.0	1.0	0.0	424.4	416.6	416.5	434.2	.	398.8	.
Ireland	440	399	35.4	53.2	11.4	0.0	0.0	1.7	8.4	531.3	526.8	534.7	.	.	494.7	515.8
Israel	265	244	21.5	49.0	29.0	0.4	0.1	0.7	6.8	485.2	480.1	481.8	353.6	479.7	487.4	472.1
Italy	236	209	10.4	39.5	47.8	2.3	0.0	7.8	2.9	505.5	505.4	493.4	500.7	.	516.8	491.0
Japan	147	144	8.1	53.5	34.2	4.2	0.0	0.0	1.7	566.9	558.9	548.7	580.6	.	.	559.5
Jordan	225	222	30.1	48.3	20.8	0.6	0.3	0.6	0.0	412.1	415.1	410.8	394.2	358.4	360.4	.
Kazakhstan	1209	1171	29.8	61.6	8.6	0.0	0.0	2.5	0.6	449.8	440.4	435.3	.	.	442.4	431.4
Korea, Rep. of	243	236	36.1	51.2	11.9	0.8	0.0	0.9	2.8	547.5	546.4	540.7	501.9	.	536.3	535.1
Kuwait	157	154	37.6	48.2	13.5	0.7	0.0	0.6	1.1	425.0	419.9	409.7	330.9	.	488.8	372.6
Lithuania	1096	957	28.6	62.1	9.3	0.0	0.0	0.4	10.5	522.1	518.6	513.3	.	.	505.7	521.5
Malaysia	313	312	19.4	66.6	13.8	0.3	0.0	0.3	0.0	443.5	422.0	422.6	520.1	.	376.6	.
Malta	466	391	22.3	60.7	16.5	0.2	0.3	0.0	12.5	525.0	499.1	487.7	548.3	353.8	.	491.1
Morocco	511	490	14.4	51.7	32.4	1.3	0.2	0.3	2.2	337.9	325.5	323.5	345.9	254.5	259.0	346.5
New Zealand	211	136	19.0	51.2	28.5	1.3	0.0	0.0	38.6	496.0	520.3	458.9	458.3	.	.	508.7
Norway (9)	310	239	8.6	59.7	31.0	0.7	0.0	0.0	21.3	488.6	495.4	483.7	478.5	.	.	478.6
Oman	284	280	46.1	49.9	3.5	0.2	0.2	0.9	0.5	455.2	455.9	447.8	440.7	374.9	493.5	515.7
Palestinian Nat'l Auth.	199	189	25.9	66.1	7.1	0.9	0.0	1.6	2.9	410.3	387.4	383.5	386.7	.	417.5	374.9
Portugal	521	492	15.7	60.3	23.2	0.7	0.0	0.5	4.9	524.1	506.6	491.9	489.3	.	527.4	498.7
Qatar	242	235	57.6	36.9	4.6	0.8	0.0	0.0	1.8	475.2	487.6	488.0	560.7	.	.	485.4
Romania	429	321	50.6	42.9	6.1	0.3	0.0	0.7	23.1	474.1	467.6	461.0	450.4	.	510.7	450.7
Saudi Arabia	214	202	62.6	33.7	3.7	0.0	0.0	1.1	4.7	425.9	410.2	397.7	.	.	395.6	414.6
Singapore	345	344	17.2	63.8	17.6	0.9	0.5	0.2	0.0	621.6	612.8	572.2	549.5	482.3	697.1	.
South Africa (9)	288	214	26.3	56.4	14.5	2.9	0.0	2.3	29.3	389.2	360.5	358.4	316.6	.	325.6	355.4
Sweden	814	671	20.0	64.9	15.1	0.0	0.0	2.8	13.9	517.7	526.2	516.6	.	.	525.0	510.5
Turkiye	189	189	32.6	54.2	13.2	0.0	0.0	0.0	0.0	553.3	518.5	516.2	.	.	.	.
United Arab Emirates	1614	1404	47.1	45.1	7.4	0.3	0.0	0.3	11.5	491.4	482.7	457.8	357.3	.	459.0	500.4
United States	672	581	24.1	54.2	19.4	2.3	0.0	0.7	8.9	513.0	525.2	490.9	492.9	.	520.2	505.5
Uzbekistan	668	645	20.2	54.4	25.0	0.5	0.0	2.1	1.4	406.7	394.6	389.1	394.0	.	402.0	387.5
International Avg. (44)	23553	20802	25.3	53.6	19.8	1.1	0.1	1.1	10.2	481.8	473.1	461.1	455.8	444.4	472.5	467.6
Abu Dhabi, UAE	597	519	41.6	46.7	10.9	0.8	0.0	0.5	11.2	463.5	428.8	431.3	350.0	.	461.9	447.4
Dubai, UAE	432	365	42.7	51.9	5.3	0.0	0.0	0.1	11.5	551.6	547.9	518.9	.	.	621.6	540.5
Sharjah, UAE	307	267	56.6	36.4	7.0	0.0	0.0	0.2	14.2	495.6	491.8	469.5	.	.	457.8	536.7

Question: How would you characterize each of the following within your school? Teachers' expectations for student achievement
Location: TQG-06c (BTBG06C)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	19.7	49.2	26.9	3.3	0.8	1.1	33.7	532.9	533.2	506.0	534.2	510.8	514.3	509.7
Austria	889	788	9.3	43.2	39.8	6.4	1.3	3.4	8.2	532.3	528.4	502.1	462.1	455.1	502.8	500.5
Azerbaijan	1140	941	20.0	50.4	28.3	1.3	0.0	3.8	12.4	413.5	412.9	406.6	403.6	.	403.6	415.3
Bahrain	223	220	27.1	47.7	24.5	0.7	0.0	0.8	0.0	481.4	446.2	429.9	423.0	.	483.2	.
Brazil	916	881	17.4	39.0	33.7	9.0	0.9	1.1	4.1	441.9	422.5	408.7	403.2	400.1	398.1	442.1
Chile	168	147	21.2	46.1	28.8	3.8	0.0	0.7	11.0	446.4	460.2	453.2	466.4	.	542.0	447.5
Chinese Taipei	239	237	21.9	53.1	21.0	3.2	0.8	0.8	0.0	586.5	574.0	560.4	524.4	540.3	551.7	.
Cote d'Ivoire	372	185	17.9	41.6	32.9	6.3	1.4	0.6	50.5	219.1	189.2	161.6	142.0	140.3	164.2	184.4
Cyprus	775	689	23.5	43.8	29.2	3.1	0.3	0.3	10.6	482.4	467.1	445.0	442.9	427.6	519.3	470.4
Czech Republic	1348	1269	5.3	40.1	51.1	3.4	0.2	0.3	5.5	553.3	533.8	519.8	502.7	557.9	606.2	531.1
England	262	126	34.7	51.4	13.9	0.0	0.0	0.9	38.1	527.7	531.6	533.2	.	.	633.7	530.5
Finland	1239	1200	4.3	50.8	41.9	2.9	0.0	0.3	2.4	535.9	539.7	519.4	521.1	.	515.3	538.2
France	379	328	25.8	56.4	15.9	1.9	0.0	0.9	11.7	499.0	487.6	479.9	433.9	.	469.0	471.8
Georgia	936	923	10.1	53.2	36.0	0.5	0.1	1.2	0.1	453.2	448.7	444.4	461.7	378.9	458.6	497.7
Hong Kong SAR	185	117	11.9	50.8	33.0	2.0	2.3	0.0	34.9	567.5	535.9	518.1	575.0	423.5	.	519.7
Hungary	1086	922	11.5	55.1	31.4	2.0	0.0	1.7	12.9	534.5	528.6	506.7	517.9	.	504.5	520.2
Iran, Islamic Rep. of	224	222	24.8	44.5	27.0	3.6	0.0	1.1	0.0	417.7	424.6	413.6	400.8	.	412.9	.
Ireland	440	398	29.2	55.9	12.2	2.7	0.1	2.0	8.4	533.7	531.6	507.8	522.4	509.4	510.0	515.8
Israel	265	244	16.9	47.5	32.6	3.1	0.0	0.7	6.8	499.6	484.9	468.8	455.2	.	487.4	472.1
Italy	236	211	7.2	46.4	42.4	3.4	0.7	7.0	2.9	507.1	507.5	490.3	497.3	496.5	516.2	491.0
Japan	147	144	9.6	42.5	40.0	7.9	0.0	0.0	1.7	565.0	565.0	550.2	538.1	.	.	559.5
Jordan	225	221	23.8	31.8	37.1	7.4	0.0	1.0	0.0	405.9	424.3	412.4	392.5	334.8	373.8	.
Kazakhstan	1209	1168	20.1	61.7	18.2	0.0	0.0	2.7	0.6	446.9	438.5	452.3	.	.	444.5	431.4
Korea, Rep. of	243	236	30.6	42.7	19.9	6.9	0.0	0.9	2.8	550.0	549.0	537.4	531.5	.	536.3	535.1
Kuwait	157	153	23.0	49.0	27.2	0.7	0.0	1.3	1.1	456.1	416.2	399.4	416.3	.	375.1	372.6
Lithuania	1096	958	18.0	62.2	19.3	0.6	0.0	0.3	10.5	527.2	518.9	512.4	515.5	.	502.0	521.5
Malaysia	313	312	39.2	52.6	8.0	0.2	0.0	0.3	0.0	435.0	421.7	421.5	299.1	.	376.6	.
Malta	466	392	18.1	61.2	17.5	2.9	0.3	0.0	12.2	518.4	505.5	481.6	473.7	323.7	.	493.7
Morocco	511	488	6.6	28.0	48.8	14.4	2.2	0.7	2.2	348.9	336.7	321.9	315.4	316.1	285.9	346.5
New Zealand	211	136	25.5	54.7	15.9	3.5	0.4	0.0	38.6	512.9	501.0	475.7	433.9	447.8	.	508.7
Norway (9)	310	239	9.4	64.4	24.7	1.6	0.0	0.0	21.3	492.7	495.0	481.3	471.4	.	.	478.6
Oman	284	281	20.2	57.9	21.2	0.5	0.2	0.1	0.5	461.1	459.5	440.1	438.8	418.0	350.2	515.7
Palestinian Nat'l Auth.	199	188	14.8	50.7	29.5	4.5	0.5	2.1	2.9	394.9	398.5	384.1	387.9	386.2	402.6	374.9
Portugal	521	492	4.9	37.0	50.9	7.2	0.0	0.5	4.9	522.0	521.8	496.2	480.7	.	527.4	498.7
Qatar	242	234	41.3	47.2	11.5	0.0	0.0	0.9	1.8	491.8	475.3	466.8	.	.	468.5	485.4
Romania	429	320	23.8	58.1	17.8	0.3	0.0	0.9	23.1	466.5	473.3	466.3	463.0	.	505.7	450.7
Saudi Arabia	214	201	29.0	41.9	26.7	2.3	0.0	1.8	4.7	432.6	419.4	403.6	443.3	.	408.8	414.6
Singapore	345	344	18.3	59.0	20.3	1.7	0.7	0.2	0.0	663.1	602.7	570.2	574.8	502.9	697.1	.
South Africa (9)	288	215	43.1	42.0	13.7	1.2	0.0	2.2	29.3	370.9	358.8	378.8	340.2	.	324.1	355.4
Sweden	814	672	16.1	64.0	18.6	0.7	0.6	2.7	13.9	526.7	523.9	515.9	523.6	529.0	531.3	510.5
Turkiye	189	189	16.8	49.8	28.6	4.4	0.4	0.0	0.0	559.0	538.5	505.6	476.8	464.4	.	.
United Arab Emirates	1614	1404	41.1	46.8	11.0	1.0	0.0	0.4	11.5	511.0	477.6	426.9	364.7	.	452.4	500.4
United States	672	582	30.7	50.5	15.5	3.3	0.0	0.6	8.9	511.8	520.6	507.8	488.1	.	522.7	505.5
Uzbekistan	668	644	27.5	54.6	17.4	0.5	0.0	2.1	1.4	403.5	391.6	396.6	377.0	.	401.2	387.5
International Avg. (44)	23553	20806	20.7	49.5	26.4	3.1	0.3	1.1	10.2	485.0	475.5	460.9	449.7	428.2	465.2	467.7
Abu Dhabi, UAE	597	519	35.9	46.2	14.9	2.9	0.0	0.5	11.2	473.2	437.8	400.9	364.7	.	461.9	447.4
Dubai, UAE	432	365	46.7	44.8	8.5	0.0	0.0	0.1	11.5	569.1	538.6	480.4	.	.	621.6	540.5
Sharjah, UAE	307	267	41.9	50.1	8.0	0.0	0.0	0.2	14.2	510.7	487.5	426.9	.	.	457.8	536.7

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
Location: TQG-06d (BTBG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	544	12.2	50.2	35.4	2.2	0.0	1.2	33.7	522.2	529.2	520.8	542.5	.	513.4	509.7
Austria	889	785	13.2	60.0	25.2	1.3	0.2	3.7	8.3	520.7	510.7	516.7	483.8	517.0	502.0	500.6
Azerbaijan	1140	935	34.7	48.2	15.9	1.1	0.0	4.2	12.4	414.8	409.8	405.1	420.4	.	408.9	415.3
Bahrain	223	220	49.6	40.3	10.1	0.0	0.0	0.8	0.0	466.5	440.7	421.9	.	.	483.2	.
Brazil	916	882	22.8	49.2	25.3	2.6	0.1	1.0	4.1	420.5	424.1	412.2	389.0	409.4	387.2	442.1
Chile	168	147	19.4	53.9	22.4	4.2	0.0	0.7	11.0	442.2	462.2	449.5	463.0	.	542.0	447.5
Chinese Taipei	239	238	13.4	58.9	25.6	0.9	1.2	0.3	0.0	581.2	576.0	558.6	524.3	556.8	661.7	.
Cote d'Ivoire	372	186	25.4	55.1	18.1	1.4	0.0	0.3	50.5	212.5	168.1	180.1	189.7	.	142.5	184.4
Cyprus	775	689	24.2	58.6	14.7	2.3	0.1	0.3	10.6	471.1	460.9	460.2	468.0	390.8	519.3	470.4
Czech Republic	1348	1270	8.8	48.4	40.5	2.3	0.0	0.2	5.5	522.9	528.5	525.0	537.6	.	592.6	531.1
England	262	126	18.7	57.7	20.5	3.0	0.0	0.9	38.1	526.1	533.3	527.6	521.8	.	633.7	530.5
Finland	1239	1200	7.4	61.8	30.3	0.6	0.0	0.3	2.4	531.3	534.5	521.8	543.8	.	515.3	538.2
France	379	326	17.2	57.3	21.7	3.7	0.0	1.6	11.7	495.7	490.4	479.7	471.0	.	479.3	471.8
Georgia	936	921	24.2	62.4	12.3	1.1	0.1	1.3	0.1	448.8	447.2	447.9	439.3	394.7	458.2	497.7
Hong Kong SAR	185	117	7.7	65.3	25.0	2.0	0.0	0.0	34.9	554.1	531.8	522.1	575.0	.	.	519.7
Hungary	1086	922	7.3	41.1	47.1	4.1	0.5	1.6	13.0	527.5	529.4	518.9	481.7	493.3	504.0	520.2
Iran, Islamic Rep. of	224	223	33.3	40.8	22.8	3.1	0.0	0.5	0.0	430.4	406.8	420.3	430.6	.	527.7	.
Ireland	440	399	29.7	52.3	16.3	1.7	0.0	1.6	8.4	527.0	532.0	524.3	509.9	.	514.6	515.8
Israel	265	244	19.0	50.6	27.3	2.9	0.2	0.7	6.8	484.5	482.9	472.9	512.9	424.4	487.4	472.1
Italy	236	211	13.5	54.0	30.7	1.8	0.0	7.0	2.9	499.9	500.2	498.2	513.4	.	516.2	491.0
Japan	147	144	7.6	52.8	37.5	2.1	0.0	0.0	1.7	563.1	558.4	553.5	559.2	.	.	559.5
Jordan	225	222	28.9	45.3	23.9	1.4	0.5	1.2	0.0	400.9	419.2	414.4	369.4	392.2	482.1	.
Kazakhstan	1209	1166	29.9	61.6	8.5	0.0	0.0	3.1	0.6	442.5	441.9	451.8	.	.	437.0	431.4
Korea, Rep. of	243	236	30.9	51.9	16.8	0.5	0.0	0.9	2.8	544.5	548.1	541.0	538.2	.	536.3	535.1
Kuwait	157	155	34.3	49.5	14.4	1.0	0.7	0.0	1.1	447.6	406.3	401.1	447.0	416.3	.	372.6
Lithuania	1096	958	20.0	62.9	16.6	0.4	0.2	0.3	10.5	529.1	516.1	518.7	485.5	545.9	502.0	521.5
Malaysia	313	312	18.8	66.1	14.5	0.6	0.0	0.3	0.0	434.4	427.5	416.5	323.1	.	376.6	.
Malta	466	393	16.6	60.4	21.9	1.1	0.0	0.0	12.0	513.7	501.8	493.7	511.2	.	.	494.4
Morocco	511	488	14.0	47.9	30.5	6.7	0.9	0.9	2.2	336.2	324.2	329.1	315.4	300.2	316.9	346.5
New Zealand	211	136	13.1	54.5	31.5	0.9	0.0	0.0	38.6	513.5	509.8	470.2	462.8	.	.	508.7
Norway (9)	310	236	8.3	54.5	35.5	1.7	0.0	0.9	21.3	491.3	493.2	488.6	481.8	.	476.4	478.6
Oman	284	279	45.2	45.5	8.5	0.7	0.0	1.2	0.5	460.4	452.1	443.3	447.0	.	483.5	515.7
Palestinian Nat'l Auth.	199	189	10.5	61.7	24.2	3.6	0.0	1.6	2.9	407.9	397.4	378.1	373.8	.	417.5	374.9
Portugal	521	491	11.8	61.3	25.0	1.8	0.0	0.7	4.9	514.8	505.8	502.1	500.4	.	515.9	498.7
Qatar	242	232	46.3	46.1	5.7	2.0	0.0	0.7	1.8	489.2	467.9	522.0	466.2	.	513.9	485.4
Romania	429	319	41.3	48.9	8.4	1.4	0.0	1.0	23.1	468.5	473.1	468.6	462.0	.	480.5	450.7
Saudi Arabia	214	202	55.8	36.1	6.5	1.6	0.0	1.1	4.7	428.9	407.6	401.2	440.8	.	395.6	414.6
Singapore	345	343	11.2	54.9	31.4	2.1	0.5	0.5	0.0	643.1	605.5	600.2	551.9	482.3	574.4	.
South Africa (9)	288	214	37.6	46.5	14.3	1.5	0.0	2.3	29.3	372.3	360.8	374.9	321.2	.	324.7	355.4
Sweden	814	673	11.2	50.9	36.7	1.2	0.0	2.5	13.9	525.3	524.2	521.3	496.1	.	530.4	510.5
Turkiye	189	188	26.6	51.7	20.0	1.6	0.0	0.3	0.0	542.1	527.3	518.0	550.5	.	452.5	.
United Arab Emirates	1614	1399	50.4	41.0	8.1	0.4	0.2	0.8	11.5	495.4	479.7	447.6	473.1	345.5	452.2	500.4
United States	672	578	25.2	46.4	24.0	3.8	0.6	0.8	8.9	511.4	516.8	510.3	533.2	579.8	521.8	505.5
Uzbekistan	668	646	29.3	55.3	14.3	1.0	0.1	1.9	1.4	401.7	393.2	393.3	387.8	413.9	402.5	387.5
International Avg. (44)	23553	20784	23.3	52.7	22.0	1.9	0.1	1.2	10.2	479.0	471.7	466.9	464.6	444.2	476.5	467.7
Abu Dhabi, UAE	597	515	43.4	42.4	13.0	0.7	0.5	1.5	11.2	461.3	436.0	404.1	492.4	345.5	457.3	447.4
Dubai, UAE	432	364	48.9	43.6	7.3	0.2	0.0	0.2	11.5	556.1	541.7	533.7	526.6	.	496.7	540.5
Sharjah, UAE	307	267	59.0	34.7	6.0	0.3	0.0	0.2	14.2	502.3	484.1	450.1	359.3	.	457.8	536.7

Question: How would you characterize each of the following within your school? Parental involvement in school activities
Location: TQG-06e (BTBG06E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	543	4.6	21.4	34.0	34.6	5.5	1.3	33.7	535.8	537.5	522.8	523.3	506.4	507.8	509.7
Austria	889	788	4.1	18.9	38.9	25.2	12.9	3.3	8.3	541.3	531.4	521.2	506.0	466.9	501.7	500.7
Azerbaijan	1140	934	16.3	35.5	38.3	8.9	1.1	4.5	12.4	410.8	412.5	409.8	410.9	405.4	407.6	415.3
Bahrain	223	220	18.1	36.2	31.4	11.6	2.7	0.8	0.0	478.9	458.2	431.4	453.4	406.7	483.2	.
Brazil	916	881	4.0	16.3	37.2	29.0	13.4	1.3	4.1	457.8	458.8	414.4	409.4	396.1	386.7	442.1
Chile	168	147	6.3	24.7	43.6	21.1	4.2	0.7	11.0	478.4	456.0	453.7	447.4	476.6	542.0	447.5
Chinese Taipei	239	237	10.8	29.9	35.8	18.9	4.6	1.0	0.0	591.2	594.6	564.8	543.6	549.5	567.8	.
Cote d'Ivoire	372	186	0.7	8.4	31.9	38.9	20.1	0.3	50.5	349.9	291.2	177.6	165.4	168.9	142.5	184.4
Cyprus	775	690	9.7	33.3	39.5	13.6	3.9	0.0	10.6	474.0	473.7	459.1	444.9	459.8	.	470.4
Czech Republic	1348	1270	2.3	12.2	57.0	24.5	4.0	0.2	5.5	548.1	533.7	528.9	518.8	512.9	608.2	531.1
England	262	126	7.6	12.4	51.9	22.5	5.6	0.9	38.1	549.1	565.9	523.3	535.3	474.1	633.7	530.5
Finland	1239	1199	1.6	17.4	58.2	21.9	1.0	0.3	2.4	537.5	543.6	530.8	518.9	528.2	515.3	537.6
France	379	328	5.0	16.7	43.9	25.9	8.5	1.2	11.7	505.1	506.4	489.4	476.3	468.2	505.8	471.8
Georgia	936	921	7.8	20.9	54.8	14.7	1.9	1.4	0.1	448.4	455.5	445.9	441.7	448.5	460.7	497.7
Hong Kong SAR	185	117	5.6	25.2	44.9	21.4	2.9	0.0	34.9	615.0	531.3	525.8	529.5	491.6	.	519.7
Hungary	1086	918	5.3	26.1	50.5	14.8	3.3	1.7	13.2	531.5	534.6	524.5	501.1	466.7	505.3	520.2
Iran, Islamic Rep. of	224	223	11.7	20.5	36.2	21.2	10.3	0.5	0.0	438.9	437.6	405.6	422.9	393.6	527.7	.
Ireland	440	398	6.8	30.9	37.8	22.3	2.2	1.8	8.4	536.3	530.8	525.5	530.3	516.6	524.7	515.8
Israel	265	242	13.3	24.5	38.2	16.8	7.3	0.9	6.8	488.6	494.9	489.6	459.3	431.4	466.0	472.1
Italy	236	211	4.1	25.2	50.3	17.9	2.5	7.0	2.9	498.1	508.3	500.4	490.9	465.7	516.2	491.0
Japan	147	144	6.9	27.5	53.4	11.6	0.7	0.0	1.7	551.6	571.1	552.0	547.9	586.6	.	559.5
Jordan	225	223	8.7	24.9	39.3	23.3	3.8	0.4	0.0	392.7	421.9	421.0	405.5	364.1	345.9	.
Kazakhstan	1209	1169	16.7	43.8	37.2	2.0	0.2	2.6	0.6	452.8	439.1	442.0	452.1	423.5	445.6	431.4
Korea, Rep. of	243	236	17.5	32.9	37.2	10.6	1.9	0.9	2.8	549.2	554.0	540.8	537.0	516.7	536.3	535.1
Kuwait	157	154	10.9	20.0	45.8	19.0	4.3	0.9	1.1	475.1	434.7	417.2	391.3	384.5	370.4	372.6
Lithuania	1096	957	5.4	31.3	55.9	6.4	0.9	0.3	10.5	541.0	527.8	513.3	507.9	518.8	502.9	521.5
Malaysia	313	311	5.0	32.5	50.9	10.2	1.3	0.8	0.0	449.4	439.5	425.3	385.3	378.9	419.6	.
Malta	466	393	4.7	25.4	40.7	23.3	5.8	0.0	12.0	544.2	506.7	511.0	480.2	473.4	.	494.4
Morocco	511	488	2.0	6.5	23.9	32.0	35.6	0.6	2.2	311.3	356.3	334.6	322.5	320.9	278.5	346.5
New Zealand	211	136	8.8	17.2	44.8	20.6	8.6	0.0	38.6	548.6	508.2	497.4	480.4	464.4	.	508.7
Norway (9)	310	238	0.4	19.7	58.4	19.6	1.9	0.4	21.3	502.6	495.0	495.5	475.2	472.5	505.8	478.6
Oman	284	280	17.4	29.4	39.2	11.6	2.5	0.9	0.5	472.0	463.3	450.6	433.5	416.2	478.3	515.7
Palestinian Nat'l Auth.	199	189	5.1	19.8	35.8	25.1	14.2	1.6	2.9	415.6	419.3	399.7	372.4	367.7	417.5	374.9
Portugal	521	492	3.2	17.9	47.4	24.1	7.4	0.5	4.9	533.6	522.4	505.9	497.4	480.7	527.4	498.7
Qatar	242	234	23.5	38.6	29.9	7.3	0.7	0.1	1.8	501.9	482.1	469.8	457.0	451.3	498.3	485.4
Romania	429	317	15.1	28.3	40.1	14.8	1.8	1.8	23.1	467.2	476.4	471.2	463.5	443.8	486.5	450.7
Saudi Arabia	214	201	18.5	28.8	30.9	14.4	7.4	1.5	4.7	434.1	424.8	413.6	403.4	424.6	379.7	414.6
Singapore	345	344	6.7	30.5	42.1	18.2	2.5	0.2	0.0	693.7	638.4	592.4	550.5	603.4	697.1	.
South Africa (9)	288	215	5.5	18.3	37.3	31.1	7.8	2.2	29.3	366.6	415.5	364.3	348.4	334.3	324.1	355.4
Sweden	814	673	0.8	12.6	50.6	29.8	6.1	2.5	13.9	523.3	542.5	526.1	514.0	499.5	530.4	510.5
Turkiye	189	188	7.2	28.9	38.5	20.7	4.7	0.6	0.0	581.2	536.4	532.2	506.7	493.4	478.5	.
United Arab Emirates	1614	1401	25.4	39.4	26.9	7.0	1.3	0.5	11.6	505.0	499.2	467.1	412.1	400.0	452.6	500.6
United States	672	578	7.4	18.2	41.8	23.4	9.2	0.8	8.9	513.3	536.4	516.2	512.2	473.9	521.8	505.5
Uzbekistan	668	645	17.1	33.0	40.9	7.4	1.6	2.0	1.4	406.9	393.6	395.7	381.0	384.1	403.4	387.5
International Avg. (44)	23553	20785	8.8	24.6	41.9	19.1	5.7	1.2	10.2	494.3	487.8	470.4	458.3	448.0	471.9	467.7
Abu Dhabi, UAE	597	517	21.4	34.2	27.8	13.7	2.8	0.7	11.3	476.6	465.1	421.2	389.7	384.7	452.2	448.6
Dubai, UAE	432	364	26.2	45.0	26.2	2.3	0.2	0.2	11.5	560.1	553.5	530.0	508.0	558.1	558.3	540.5
Sharjah, UAE	307	267	28.7	40.9	25.7	4.1	0.6	0.2	14.2	507.2	496.3	478.9	444.1	434.4	457.8	536.7

Question: How would you characterize each of the following within your school? Parental commitment to ensure that students are ready to learn
Location: TQG-06f (BTBG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	3.9	29.9	39.5	21.5	5.2	1.1	33.7	531.8	543.5	522.2	516.0	484.4	514.3	509.7
Austria	889	788	2.7	18.3	49.6	18.4	10.9	3.3	8.3	541.9	539.0	523.2	494.2	448.6	501.7	500.7
Azerbaijan	1140	935	9.7	21.6	46.0	17.7	5.0	4.1	12.4	406.7	411.4	411.7	412.5	404.5	408.1	415.3
Bahrain	223	220	23.9	30.2	35.6	9.4	0.9	0.8	0.0	474.6	454.0	436.9	442.2	442.4	483.2	.
Brazil	916	883	2.2	15.3	36.2	32.1	14.2	0.9	4.1	401.9	458.0	422.4	407.4	399.5	382.6	442.1
Chile	168	147	3.8	16.5	43.4	29.5	6.8	0.7	11.0	513.1	466.1	448.7	452.1	455.4	542.0	447.5
Chinese Taipei	239	237	8.1	25.5	37.6	22.1	6.8	1.0	0.0	580.0	600.2	569.3	550.9	538.3	567.8	.
Cote d'Ivoire	372	186	3.2	5.7	35.9	40.2	15.0	0.3	50.5	297.2	186.1	184.6	176.5	163.5	142.5	184.4
Cyprus	775	688	8.2	27.7	43.7	16.2	4.2	0.4	10.6	488.1	482.7	456.1	444.6	433.3	515.5	470.4
Czech Republic	1348	1265	1.1	12.5	60.2	21.5	4.7	0.7	5.6	575.4	547.7	528.0	514.5	496.2	567.0	531.1
England	262	126	6.5	28.2	42.6	20.3	2.4	0.9	38.1	535.0	552.7	513.4	538.1	494.8	633.7	530.5
Finland	1239	1200	0.8	21.4	60.6	16.2	1.0	0.3	2.4	523.9	543.8	530.6	512.6	533.6	515.3	538.2
France	379	330	2.8	20.0	43.6	27.9	5.8	0.4	11.7	502.6	515.2	489.0	471.8	458.8	497.4	471.8
Georgia	936	922	7.5	22.4	53.6	13.1	3.4	1.3	0.1	450.1	454.2	446.4	439.2	450.6	454.0	497.7
Hong Kong SAR	185	117	6.0	25.1	41.4	24.0	3.5	0.0	34.9	625.4	536.9	524.0	529.2	450.3	.	519.7
Hungary	1086	919	3.4	21.4	53.0	17.9	4.3	1.7	13.0	541.7	542.4	525.1	498.6	468.7	505.3	520.2
Iran, Islamic Rep. of	224	223	11.4	19.6	38.1	17.5	13.3	0.5	0.0	435.1	443.6	407.6	420.5	395.9	527.7	.
Ireland	440	399	7.7	29.9	50.7	11.3	0.3	1.6	8.4	535.2	539.0	525.1	516.0	491.1	513.3	515.8
Israel	265	244	7.9	21.2	41.5	21.4	8.0	0.7	6.8	485.2	496.3	484.2	472.1	446.3	487.4	472.1
Italy	236	211	2.0	12.1	62.2	20.0	3.7	7.0	2.9	505.6	516.9	500.6	490.9	474.3	516.2	491.0
Japan	147	144	8.3	22.6	52.6	16.0	0.4	0.0	1.7	585.8	562.4	553.7	545.7	527.0	.	559.5
Jordan	225	222	6.5	24.6	43.3	21.3	4.3	1.1	0.0	395.9	410.8	422.5	405.4	380.3	437.8	.
Kazakhstan	1209	1169	15.5	45.2	34.4	4.6	0.3	2.6	0.6	452.4	439.8	441.2	451.1	394.7	446.2	431.4
Korea, Rep. of	243	236	19.8	30.5	34.9	13.4	1.3	0.9	2.8	551.9	553.2	542.3	533.0	504.4	536.3	535.1
Kuwait	157	154	12.8	34.4	43.3	7.8	1.7	0.7	1.1	470.9	434.9	402.7	386.9	357.6	385.1	372.6
Lithuania	1096	959	3.8	27.5	59.1	8.7	0.9	0.2	10.5	539.6	530.3	515.0	501.7	524.2	501.9	521.5
Malaysia	313	312	7.6	34.6	44.3	12.6	1.0	0.3	0.0	449.8	442.9	421.4	395.0	310.9	376.6	.
Malta	466	391	2.6	28.1	44.2	16.4	8.6	0.0	12.7	530.4	519.7	511.7	468.9	463.2	.	487.0
Morocco	511	488	1.7	6.0	22.4	33.3	36.5	0.8	2.2	302.9	391.9	335.3	325.2	313.5	290.0	346.5
New Zealand	211	134	7.5	17.2	47.1	20.2	8.0	1.5	38.6	523.6	530.4	494.3	486.6	449.5	491.0	508.7
Norway (9)	310	238	0.4	15.8	61.3	17.4	5.2	0.4	21.3	502.6	501.7	491.3	485.1	473.8	505.8	478.6
Oman	284	280	13.2	38.8	32.0	13.5	2.6	1.0	0.5	465.1	459.4	455.4	435.7	438.9	487.5	515.7
Palestinian Nat'l Auth.	199	189	2.1	19.1	41.5	27.9	9.4	1.6	2.9	467.7	408.0	401.6	372.3	370.1	417.5	374.9
Portugal	521	492	2.7	17.4	51.3	23.4	5.1	0.5	4.9	534.5	531.0	504.3	493.6	476.1	527.4	498.7
Qatar	242	234	27.2	34.9	30.6	5.5	1.8	0.3	1.8	499.1	481.8	464.4	492.4	434.8	519.5	485.4
Romania	429	320	10.6	23.4	43.8	15.6	6.5	0.9	23.1	457.8	478.2	474.5	457.0	466.7	512.5	450.7
Saudi Arabia	214	202	20.2	32.1	30.4	12.4	4.8	1.1	4.7	436.4	431.7	403.2	407.3	404.1	395.6	414.6
Singapore	345	344	8.3	35.0	41.4	13.9	1.4	0.2	0.0	687.7	640.4	581.2	553.2	514.6	697.1	.
South Africa (9)	288	215	4.8	16.1	37.9	29.9	11.2	2.2	29.3	395.7	394.4	377.3	342.5	341.4	324.1	355.4
Sweden	814	673	1.0	17.6	55.8	22.1	3.6	2.5	13.9	548.3	538.9	527.4	498.9	515.4	530.4	510.5
Turkiye	189	189	6.2	22.5	41.3	19.8	10.3	0.0	0.0	585.6	553.6	529.4	507.1	486.7	.	.
United Arab Emirates	1614	1402	24.1	37.1	30.7	5.8	2.3	0.5	11.5	510.1	501.9	460.7	416.3	429.8	459.2	500.4
United States	672	582	6.8	17.5	36.9	29.6	9.2	0.6	8.9	520.0	535.5	515.5	508.0	491.2	522.7	505.5
Uzbekistan	668	644	18.5	35.5	36.2	7.5	2.3	2.1	1.4	405.1	394.0	394.6	386.6	390.0	403.5	387.5
International Avg. (44)	23553	20798	8.1	24.1	43.4	18.6	5.9	1.1	10.2	494.8	488.6	469.8	458.1	440.7	476.1	467.5
Abu Dhabi, UAE	597	518	20.7	25.9	39.1	10.4	4.0	0.8	11.2	492.1	463.5	421.6	389.3	397.1	473.6	447.4
Dubai, UAE	432	365	22.3	49.1	23.8	3.3	1.5	0.1	11.5	568.0	550.9	530.2	495.9	550.9	621.6	540.5
Sharjah, UAE	307	266	28.8	39.4	28.1	3.5	0.2	0.3	14.2	512.2	491.7	481.5	426.8	512.7	446.7	536.7

Question: How would you characterize each of the following within your school? Parental expectations for student achievement
Location: TQG-06g (BTBG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	12.7	36.4	40.3	9.6	1.0	0.5	33.7	551.2	543.6	514.3	482.2	405.3	519.5	509.7
Austria	889	788	10.4	47.2	37.3	4.5	0.6	3.5	8.2	528.2	524.4	503.3	450.0	454.6	502.6	500.5
Azerbaijan	1140	937	17.6	56.7	24.2	1.4	0.1	3.9	12.4	414.7	412.3	406.9	373.3	395.5	409.2	415.4
Bahrain	223	221	26.4	54.4	17.7	1.4	0.0	0.5	0.0	483.3	444.8	424.0	435.7	.	571.5	.
Brazil	916	878	8.2	32.4	38.6	17.5	3.2	0.6	4.1	470.3	432.5	409.6	397.1	395.6	370.7	442.1
Chile	168	147	13.3	32.9	41.1	11.8	0.9	0.7	11.0	498.7	453.8	443.2	453.4	464.3	542.0	447.5
Chinese Taipei	239	236	23.6	33.0	27.7	13.6	2.1	1.6	0.0	601.1	586.3	548.5	540.3	533.3	563.9	.
Cote d'Ivoire	372	185	18.4	30.9	30.0	17.2	3.5	0.6	50.5	226.2	171.9	187.4	151.2	148.2	133.9	184.4
Cyprus	775	688	27.6	45.5	23.3	2.7	0.9	0.2	10.6	486.2	466.3	436.2	438.6	427.6	406.2	470.4
Czech Republic	1348	1266	5.4	33.4	55.7	5.1	0.5	0.4	5.6	556.5	544.1	516.9	500.1	412.9	565.5	531.0
England	262	126	17.6	31.1	44.8	6.6	0.0	0.9	38.1	564.1	544.7	510.7	507.5	.	633.7	530.5
Finland	1239	1201	3.0	41.7	52.2	3.0	0.0	0.2	2.4	548.2	540.7	523.5	492.6	509.1	513.8	538.2
France	379	329	13.8	44.4	33.7	8.1	0.0	0.4	11.9	519.7	494.0	475.1	455.0	.	492.8	472.4
Georgia	936	922	13.2	57.0	27.3	2.5	0.0	1.5	0.1	460.8	448.7	440.0	451.6	.	430.6	497.7
Hong Kong SAR	185	117	11.1	47.8	32.2	7.9	0.9	0.0	34.9	592.1	547.6	503.5	483.6	414.8	.	519.7
Hungary	1086	921	8.0	43.7	40.9	6.2	1.2	1.3	13.3	548.9	535.2	514.3	468.2	437.9	497.9	519.3
Iran, Islamic Rep. of	224	223	29.1	45.0	20.4	4.6	0.9	0.5	0.0	429.9	421.8	397.2	411.1	380.8	566.2	.
Ireland	440	401	16.7	49.5	28.9	5.0	0.0	1.1	8.4	546.5	533.4	513.3	510.7	.	527.6	515.8
Israel	265	242	17.0	45.7	31.5	5.8	0.0	1.4	6.8	512.4	488.4	461.9	435.0	.	497.2	472.1
Italy	236	211	13.9	54.7	29.4	1.9	0.0	7.0	2.9	505.8	500.5	497.4	466.4	.	517.8	491.0
Japan	147	144	16.1	52.3	29.1	2.5	0.0	0.0	1.7	568.1	559.3	547.9	541.7	.	.	559.5
Jordan	225	222	9.8	46.1	34.9	8.0	1.2	1.6	0.0	408.1	421.4	408.2	396.4	390.2	391.0	.
Kazakhstan	1209	1174	18.4	59.5	21.8	0.2	0.1	2.0	0.6	451.7	441.1	438.9	411.7	447.1	454.2	431.4
Korea, Rep. of	243	234	32.2	37.4	23.8	6.4	0.2	1.4	2.8	556.0	547.5	534.0	529.2	493.3	540.6	535.1
Kuwait	157	155	20.1	39.8	38.1	1.4	0.6	0.0	1.1	482.0	410.8	400.6	344.8	391.9	.	372.6
Lithuania	1096	960	10.9	58.9	29.2	1.0	0.1	0.1	10.5	530.9	523.7	506.4	482.8	511.4	509.6	521.5
Malaysia	313	311	27.1	55.6	15.6	1.4	0.3	0.8	0.0	449.9	424.8	403.0	322.9	334.7	419.0	.
Malta	466	391	12.1	42.9	36.6	5.7	2.7	0.0	12.5	542.9	531.4	470.1	422.3	474.7	.	491.1
Morocco	511	490	2.1	24.4	46.0	21.7	5.8	0.3	2.2	412.5	334.4	326.9	315.5	304.0	259.0	346.5
New Zealand	211	134	13.1	39.0	32.5	12.9	2.6	1.5	38.6	507.2	520.3	478.4	486.0	406.5	491.0	508.7
Norway (9)	310	238	5.1	53.3	38.8	2.5	0.4	0.6	21.3	508.9	493.1	486.8	465.7	483.8	531.9	478.6
Oman	284	276	16.6	51.7	29.3	2.5	0.0	2.7	0.5	470.4	459.6	437.7	437.8	.	490.8	515.7
Palestinian Nat'l Auth.	199	190	5.9	39.6	42.3	9.6	2.6	0.8	2.9	410.0	402.2	384.3	379.6	374.0	542.8	374.9
Portugal	521	492	13.1	45.6	34.9	6.4	0.0	0.5	4.9	537.4	512.8	492.9	462.5	.	524.5	498.7
Qatar	242	235	36.0	49.6	12.3	1.9	0.2	0.0	1.8	507.8	477.2	428.1	421.5	412.5	.	485.4
Romania	429	320	24.2	58.1	14.3	2.9	0.5	1.0	23.1	473.7	471.5	459.5	481.6	458.2	491.5	450.7
Saudi Arabia	214	201	23.7	43.1	27.0	6.2	0.0	1.6	4.7	443.0	420.1	406.9	377.8	.	418.7	414.6
Singapore	345	345	20.8	48.3	27.2	2.3	1.4	0.0	0.0	668.9	610.9	568.3	467.9	466.7	.	.
South Africa (9)	288	215	22.2	45.5	24.0	6.6	1.8	2.2	29.3	378.0	360.7	371.4	338.6	408.6	324.1	355.4
Sweden	814	673	7.6	40.0	45.0	6.7	0.6	2.5	13.9	548.1	528.9	516.9	497.8	529.0	530.4	510.5
Turkiye	189	187	27.4	43.8	19.7	7.2	1.9	1.6	0.0	560.6	539.0	493.2	476.8	477.3	487.0	.
United Arab Emirates	1614	1400	39.6	47.2	12.1	0.9	0.2	0.8	11.6	515.7	471.7	438.8	414.6	549.7	461.8	500.0
United States	672	581	11.3	26.8	43.4	16.3	2.3	0.7	8.9	535.2	532.3	511.0	489.5	462.8	518.9	505.5
Uzbekistan	668	640	29.8	51.7	17.2	0.9	0.5	2.9	1.4	403.9	391.5	395.8	393.4	396.1	389.6	387.5
International Avg. (44)	23553	20792	17.1	44.6	31.2	6.1	1.0	1.2	10.2	498.1	477.8	457.6	437.8	428.9	474.7	467.6
Abu Dhabi, UAE	597	520	35.0	46.3	17.5	1.2	0.0	0.7	11.2	464.5	440.1	411.5	386.5	.	439.8	447.4
Dubai, UAE	432	362	49.8	41.7	7.0	0.9	0.6	0.4	11.7	576.5	527.9	483.0	491.0	549.7	452.1	537.7
Sharjah, UAE	307	266	38.2	50.4	11.2	0.3	0.0	1.2	14.0	520.8	478.5	456.9	359.3	.	517.9	538.1

Question: How would you characterize each of the following within your school? Parental support for student achievement
Location: TQG-06h (BTBG06H)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	544	5.4	30.3	46.2	16.2	1.9	0.7	33.7	546.1	541.4	520.4	512.1	458.0	507.9	509.7
Austria	889	789	2.4	20.0	52.2	18.1	7.4	3.4	8.2	554.6	536.0	522.3	484.9	441.5	503.4	500.5
Azerbaijan	1140	937	8.1	26.1	48.5	14.4	2.9	4.1	12.4	417.3	410.6	411.7	408.4	397.8	407.0	415.4
Bahrain	223	221	15.3	41.0	40.1	3.6	0.1	0.5	0.0	477.4	453.5	435.2	490.8	496.4	571.5	.
Brazil	916	880	2.1	14.1	40.5	33.1	10.2	0.6	4.1	462.6	465.4	414.3	410.1	396.7	369.0	442.1
Chile	168	147	3.0	11.5	50.8	28.1	6.6	0.7	11.0	499.2	489.1	449.5	444.3	469.9	542.0	447.5
Chinese Taipei	239	237	15.0	36.6	33.2	12.3	3.0	1.0	0.0	596.0	589.3	556.6	543.9	521.8	567.8	.
Cote d'Ivoire	372	184	4.7	10.5	44.4	32.8	7.6	1.0	50.5	187.0	214.5	200.2	153.1	165.5	115.6	184.4
Cyprus	775	689	10.9	32.8	44.8	10.2	1.4	0.1	10.6	483.3	475.7	454.6	448.5	423.3	396.4	470.4
Czech Republic	1348	1267	3.8	31.5	57.6	6.5	0.6	0.3	5.6	575.2	544.2	519.3	489.2	441.8	549.2	531.0
England	262	126	5.0	25.5	60.2	8.3	1.0	0.9	38.1	568.0	548.5	522.1	513.9	521.1	633.7	530.5
Finland	1239	1201	1.1	24.8	61.5	12.2	0.4	0.2	2.4	550.8	548.0	526.7	513.2	503.3	513.8	538.2
France	379	329	3.0	23.5	52.8	17.7	3.1	0.4	11.9	512.6	512.5	484.4	471.8	434.4	492.8	472.4
Georgia	936	923	6.4	32.5	52.8	7.7	0.5	1.2	0.1	450.2	452.5	445.4	444.0	422.4	441.4	497.7
Hong Kong SAR	185	117	6.3	28.9	38.4	24.0	2.4	0.0	34.9	613.0	556.3	524.4	501.7	450.2	.	519.7
Hungary	1086	918	2.7	24.5	55.9	13.7	3.3	1.4	13.5	544.2	548.4	522.9	482.2	468.7	500.0	519.3
Iran, Islamic Rep. of	224	223	12.4	20.6	44.1	17.9	5.0	0.5	0.0	425.4	431.2	420.4	406.7	368.9	566.2	.
Ireland	440	401	7.0	35.9	50.6	6.5	0.0	1.1	8.4	537.2	537.9	523.2	511.2	.	527.6	515.8
Israel	265	242	8.3	34.4	44.9	9.7	2.7	1.4	6.8	504.2	498.8	476.6	430.4	437.5	497.2	472.1
Italy	236	211	1.0	15.9	60.3	20.9	1.8	7.0	2.9	518.4	518.9	498.5	492.3	443.2	517.8	491.0
Japan	147	144	4.7	32.7	46.0	16.5	0.0	0.0	1.7	570.8	571.6	549.0	546.2	.	.	559.5
Jordan	225	222	9.7	30.7	40.8	16.9	1.8	1.6	0.0	420.6	414.0	416.8	405.6	343.6	391.0	.
Kazakhstan	1209	1173	12.6	41.5	42.9	8.7	0.2	2.3	0.6	449.4	438.9	443.4	456.1	422.4	449.1	431.4
Korea, Rep. of	243	235	22.6	34.0	33.9	2.5	1.0	1.0	2.8	558.3	550.6	538.0	526.1	534.1	535.5	535.1
Kuwait	157	155	14.3	38.6	41.9	4.6	0.6	0.0	1.1	455.6	432.9	401.7	375.8	391.9	.	372.6
Lithuania	1096	959	3.8	29.8	58.4	7.3	0.7	0.1	10.5	539.2	533.5	513.0	499.2	505.2	511.3	521.5
Malaysia	313	311	13.3	43.8	39.1	2.9	1.0	0.8	0.0	455.2	439.2	407.4	371.4	394.1	419.0	.
Malta	466	390	3.6	24.8	51.9	14.6	5.0	0.2	12.5	537.2	531.8	503.2	452.3	475.5	443.2	491.1
Morocco	511	489	2.4	5.7	35.8	36.9	19.2	0.9	2.2	390.7	345.2	338.4	315.1	313.8	308.3	346.5
New Zealand	211	134	5.6	21.5	56.0	12.6	4.3	1.5	38.6	533.5	542.6	486.5	471.5	446.2	491.0	508.7
Norway (9)	310	239	0.4	28.6	59.8	10.5	0.7	0.0	21.3	568.5	496.8	491.3	472.1	471.9	.	478.6
Oman	284	275	12.4	46.1	35.1	5.4	1.0	3.0	0.5	464.3	462.4	443.6	442.8	407.8	487.6	515.7
Palestinian Nat'l Auth.	199	190	4.7	23.7	49.1	19.2	3.2	0.8	2.9	399.9	411.6	393.1	364.9	386.5	542.8	374.9
Portugal	521	492	0.5	12.2	57.1	25.2	5.0	0.5	4.9	499.3	538.5	507.3	493.7	469.7	538.4	498.7
Qatar	242	235	22.1	45.0	25.8	6.7	0.4	0.0	1.8	496.3	481.8	466.9	481.7	454.7	.	485.4
Romania	429	319	8.1	26.0	49.1	13.2	3.6	1.1	23.1	484.6	471.9	473.0	455.7	461.1	460.9	450.7
Saudi Arabia	214	201	21.5	37.4	26.1	13.9	1.2	1.6	4.7	447.8	423.1	400.3	403.8	386.6	418.7	414.6
Singapore	345	343	8.6	36.8	42.1	10.9	1.6	0.2	0.0	685.8	629.2	590.4	549.3	458.2	572.2	.
South Africa (9)	288	214	8.2	11.7	44.6	28.3	7.1	2.5	29.3	402.8	405.9	365.2	342.8	365.0	323.3	355.4
Sweden	814	674	1.3	22.9	56.3	18.4	1.1	2.5	13.9	569.3	537.6	524.4	498.5	492.8	530.6	510.5
Turkiye	189	187	5.9	27.3	43.8	16.0	7.1	1.6	0.0	596.7	559.1	521.2	499.2	489.4	487.0	.
United Arab Emirates	1614	1399	21.6	39.4	31.8	6.4	0.8	0.9	11.6	519.1	495.4	463.8	412.1	430.2	474.3	500.0
United States	672	577	6.1	16.0	46.9	25.9	5.1	0.9	8.9	522.3	549.1	511.7	503.9	483.9	518.9	505.5
Uzbekistan	668	639	20.4	40.2	33.2	5.6	0.7	2.9	1.4	404.2	393.4	396.1	382.4	407.6	389.8	387.5
International Avg. (44)	23553	20782	8.1	28.1	46.1	14.6	3.0	1.2	10.2	499.9	489.3	467.6	451.7	434.6	474.7	467.6
Abu Dhabi, UAE	597	519	17.1	32.9	35.5	12.6	2.0	1.1	11.2	489.7	466.2	418.5	386.6	426.6	481.8	447.4
Dubai, UAE	432	362	23.1	44.0	29.7	3.2	0.1	0.4	11.7	578.3	547.9	530.9	512.7	562.1	452.1	537.7
Sharjah, UAE	307	266	28.4	40.9	28.8	1.6	0.4	1.3	14.0	520.6	487.8	472.6	451.0	423.2	509.1	538.1

Question: How would you characterize each of the following within your school? Students' desire to do well in school
Location: TQG-06i (BTBG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	3.8	28.7	49.8	14.9	2.8	0.5	33.7	558.7	547.7	518.2	511.1	458.5	519.5	509.7
Austria	889	788	4.5	32.9	52.5	8.2	1.9	3.5	8.2	526.6	525.6	513.0	469.9	456.9	502.6	500.5
Azerbaijan	1140	940	13.2	40.4	41.7	4.1	0.5	3.9	12.4	409.5	406.6	414.3	419.1	414.5	411.6	415.4
Bahrain	223	221	21.5	40.7	32.9	4.9	0.0	0.5	0.0	483.7	446.5	439.8	423.8	.	571.5	.
Brazil	916	879	4.2	16.8	50.3	21.3	7.5	0.6	4.1	498.5	434.2	418.7	398.0	406.5	369.0	442.1
Chile	168	147	7.3	24.0	56.4	10.8	1.5	0.7	11.0	500.7	463.5	449.7	439.8	436.2	542.0	447.5
Chinese Taipei	239	238	8.2	34.8	35.9	18.7	2.3	0.3	0.0	589.0	593.0	559.4	552.7	528.2	661.7	.
Cote d'Ivoire	372	186	7.8	16.1	52.7	20.0	3.3	0.3	50.5	285.5	167.9	178.5	165.5	157.2	142.5	184.4
Cyprus	775	689	10.6	26.6	49.9	11.2	1.7	0.1	10.6	494.3	473.8	457.8	441.0	433.7	396.4	470.4
Czech Republic	1348	1265	1.4	19.5	68.1	10.4	0.6	0.5	5.6	583.5	552.7	521.4	507.0	503.8	561.1	531.0
England	262	126	5.2	31.7	50.2	12.7	0.1	0.9	38.1	573.4	543.6	514.7	541.7	625.4	626.0	530.5
Finland	1239	1201	1.7	29.9	58.8	9.5	0.1	0.2	2.4	563.2	547.8	523.9	511.0	508.9	513.8	538.2
France	379	329	2.5	27.2	55.5	14.4	0.4	0.4	11.9	532.1	504.7	483.3	467.3	486.5	492.8	472.4
Georgia	936	925	6.4	27.5	56.2	8.7	1.3	1.1	0.1	463.9	451.5	444.8	446.1	434.5	438.0	497.7
Hong Kong SAR	185	116	7.6	40.8	43.8	4.0	3.8	0.4	34.9	566.4	557.6	511.0	489.7	479.3	499.9	519.7
Hungary	1086	920	2.9	28.9	58.3	9.0	0.9	1.4	13.3	536.8	548.0	516.0	484.3	446.7	495.5	519.3
Iran, Islamic Rep. of	224	223	10.1	35.7	35.9	13.8	4.5	0.5	0.0	429.8	424.6	414.4	407.2	406.4	566.2	.
Ireland	440	400	7.0	47.2	41.8	3.8	0.2	1.3	8.4	528.8	537.0	520.8	512.5	530.1	522.9	515.8
Israel	265	242	9.8	36.8	45.1	8.0	0.2	1.4	6.8	505.8	492.9	471.8	450.5	397.7	497.2	472.1
Italy	236	210	2.5	26.7	63.4	6.4	0.9	7.2	2.9	514.5	512.4	495.0	493.4	461.5	516.2	491.0
Japan	147	144	6.6	47.3	35.1	9.6	1.4	0.0	1.7	581.2	557.9	551.4	557.4	545.9	.	559.5
Jordan	225	220	11.2	36.2	38.1	13.6	1.0	2.5	0.0	409.0	422.7	409.4	394.6	488.5	405.4	.
Kazakhstan	1209	1173	13.8	54.1	31.0	1.0	0.1	2.3	0.6	446.6	437.7	448.4	462.9	473.5	452.1	431.4
Korea, Rep. of	243	234	21.5	39.2	28.7	10.2	0.4	1.4	2.8	555.1	551.7	538.5	524.1	545.5	540.6	535.1
Kuwait	157	154	16.0	42.5	34.7	6.1	0.7	0.7	1.1	464.4	429.9	400.9	347.0	449.0	386.4	372.6
Lithuania	1096	958	4.3	33.3	56.2	5.9	0.3	0.3	10.5	551.7	532.4	510.2	503.5	510.0	530.6	521.5
Malaysia	313	311	9.5	45.7	40.8	3.4	0.6	0.8	0.0	453.6	442.6	409.8	352.9	316.1	419.0	.
Malta	466	391	4.9	30.2	44.7	14.5	5.6	0.0	12.7	548.6	533.4	501.8	453.5	440.2	.	487.0
Morocco	511	490	1.5	14.0	50.9	27.2	6.5	0.3	2.2	402.4	344.0	327.2	315.5	315.5	259.0	346.5
New Zealand	211	133	3.8	34.3	43.1	18.1	0.8	2.0	38.6	552.8	528.5	475.7	485.9	462.3	464.7	508.7
Norway (9)	310	239	6.5	43.4	48.4	1.7	0.0	0.0	21.3	505.6	499.7	482.0	469.3	.	.	478.6
Oman	284	276	17.6	44.4	34.7	3.0	0.3	2.7	0.5	465.5	461.7	443.1	417.9	397.7	490.8	515.7
Palestinian Nat'l Auth.	199	189	6.5	39.4	43.4	8.6	2.2	1.3	2.9	419.4	408.9	380.1	357.3	386.9	480.8	374.9
Portugal	521	493	1.8	17.5	59.1	18.0	3.6	0.3	4.9	551.9	523.2	508.4	482.9	469.8	548.4	498.7
Qatar	242	233	28.3	40.7	28.0	1.7	1.3	1.2	1.8	497.7	483.7	464.0	489.8	393.8	477.2	485.4
Romania	429	321	9.5	33.2	52.3	4.5	0.5	0.7	23.1	469.1	472.0	471.9	454.4	431.5	482.0	450.7
Saudi Arabia	214	199	37.5	39.7	20.1	2.2	0.5	2.6	4.7	437.1	414.9	402.4	362.1	459.9	403.9	414.6
Singapore	345	344	15.9	37.5	37.7	8.0	0.9	0.2	0.0	681.1	622.4	579.0	517.4	519.1	664.3	.
South Africa (9)	288	214	5.4	29.3	51.4	11.6	2.2	2.3	29.3	358.8	379.4	367.2	337.6	345.0	329.1	355.4
Sweden	814	669	7.3	37.8	48.1	6.5	0.3	3.0	13.9	538.9	538.7	510.9	498.1	577.3	531.9	510.5
Turkiye	189	186	7.2	32.4	46.4	11.2	2.7	2.1	0.0	592.4	553.6	514.8	496.9	481.8	503.0	.
United Arab Emirates	1614	1396	22.9	46.2	25.8	3.8	1.2	0.8	11.6	520.4	490.9	459.8	409.2	354.6	446.8	500.0
United States	672	577	5.4	22.5	52.6	15.6	3.9	0.9	8.9	531.1	532.0	512.9	494.5	501.8	518.9	505.5
Uzbekistan	668	642	21.2	50.4	26.6	1.9	0.0	2.6	1.4	405.5	393.4	394.9	377.4	.	385.7	387.5
International Avg. (44)	23553	20776	9.7	34.2	44.9	9.6	1.6	1.3	10.2	501.9	483.8	464.3	447.6	449.7	477.2	467.5
Abu Dhabi, UAE	597	516	19.3	41.3	29.3	7.7	2.5	1.1	11.2	499.3	457.2	411.6	386.9	330.0	401.9	447.7
Dubai, UAE	432	361	22.7	48.5	26.7	1.6	0.5	0.4	11.7	579.1	549.1	527.2	509.7	421.1	441.9	537.7
Sharjah, UAE	307	266	27.8	49.0	21.7	1.6	0.0	1.4	14.0	525.1	488.4	463.9	391.0	.	522.2	538.1

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
Location: TQG-06j (BTBG06J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	541	4.0	37.7	47.0	10.8	0.4	1.1	33.7	554.8	540.1	517.3	499.8	500.5	526.6	509.7
Austria	889	785	2.4	31.6	57.9	6.7	1.4	3.7	8.3	540.5	532.2	508.6	460.4	478.3	503.8	500.7
Azerbaijan	1140	936	9.8	32.2	53.6	4.0	0.3	4.2	12.4	412.2	412.0	411.7	393.4	413.4	404.2	415.4
Bahrain	223	221	16.1	44.2	35.4	4.3	0.1	0.5	0.0	489.3	449.6	441.0	408.8	496.4	571.5	.
Brazil	916	878	4.8	24.9	52.3	15.7	2.3	0.6	4.1	495.5	432.1	413.7	400.2	381.7	365.7	442.1
Chile	168	146	2.0	31.7	53.8	11.1	1.4	1.0	11.0	499.2	461.3	454.3	438.3	435.7	524.5	447.5
Chinese Taipei	239	238	5.3	33.6	40.9	17.9	2.3	0.3	0.0	580.9	600.3	558.5	550.2	528.2	661.7	.
Cote d'Ivoire	372	186	1.9	16.6	55.5	21.6	4.5	0.3	50.5	206.7	229.3	176.7	160.5	160.9	142.5	184.4
Cyprus	775	689	6.7	26.4	53.8	11.8	1.3	0.1	10.6	490.4	485.8	455.6	438.6	433.3	396.4	470.4
Czech Republic	1348	1266	1.4	19.2	71.1	7.7	0.6	0.4	5.6	574.9	548.3	522.4	509.6	457.7	565.0	531.0
England	262	127	6.1	39.0	48.0	6.5	0.4	0.8	38.1	604.9	539.6	513.9	531.0	501.3	634.4	530.5
Finland	1239	1201	1.4	27.7	62.4	8.2	0.2	0.2	2.4	566.2	549.7	524.1	509.8	465.5	513.8	538.2
France	379	328	2.7	26.7	57.3	12.2	1.1	0.6	11.9	524.4	509.5	483.8	457.9	415.3	521.7	472.4
Georgia	936	922	5.6	35.6	53.7	4.6	0.5	1.5	0.1	457.1	452.3	444.1	447.4	432.0	438.9	497.7
Hong Kong SAR	185	117	2.2	32.0	55.7	10.1	0.0	0.0	34.9	608.4	572.4	515.5	478.1	.	.	519.7
Hungary	1086	918	2.1	27.2	65.2	5.1	0.5	1.5	13.3	540.1	545.8	515.9	481.1	449.9	496.8	519.3
Iran, Islamic Rep. of	224	222	10.5	34.4	44.4	10.2	0.5	0.9	0.0	399.4	424.8	417.6	418.1	406.1	512.9	.
Ireland	440	399	5.1	49.3	41.9	3.7	0.0	1.4	8.4	534.7	540.2	515.5	513.7	.	535.4	515.8
Israel	265	242	6.5	38.4	49.4	5.7	0.0	1.4	6.8	512.6	495.2	470.1	444.4	.	497.2	472.1
Italy	236	210	1.3	18.2	75.3	5.1	0.0	7.2	2.9	516.8	511.5	497.9	480.9	.	516.2	491.0
Japan	147	144	4.1	27.5	47.2	19.9	1.3	0.0	1.7	570.6	572.6	550.5	544.1	613.8	.	559.5
Jordan	225	222	6.0	31.7	46.4	15.7	0.2	1.6	0.0	391.7	421.4	412.6	406.6	367.5	391.0	.
Kazakhstan	1209	1172	15.4	50.4	33.6	0.6	0.0	2.3	0.6	444.7	438.1	447.4	471.3	.	455.3	431.4
Korea, Rep. of	243	233	11.4	31.2	39.9	14.7	2.9	1.4	2.8	555.2	558.1	541.4	528.4	524.0	539.4	535.1
Kuwait	157	155	13.0	38.2	43.8	4.3	0.7	0.0	1.1	464.6	426.4	407.8	351.5	449.0	.	372.6
Lithuania	1096	955	4.1	35.8	56.0	3.8	0.3	0.3	10.8	545.9	532.9	509.9	497.1	460.6	514.0	521.5
Malaysia	313	310	6.4	36.5	52.0	4.1	0.9	1.1	0.0	456.9	456.1	407.6	364.7	350.4	446.5	.
Malta	466	391	4.6	29.6	50.9	12.4	2.6	0.0	12.7	549.6	528.1	504.6	438.8	418.8	.	487.0
Morocco	511	490	2.2	11.5	54.9	25.8	5.6	0.3	2.2	415.6	343.7	322.0	322.9	321.7	259.0	346.5
New Zealand	211	136	6.2	38.5	44.8	10.5	0.0	0.0	38.6	535.9	516.6	480.6	476.3	.	.	508.7
Norway (9)	310	238	2.0	29.9	65.1	2.6	0.4	0.3	21.3	535.7	503.6	484.3	485.5	451.9	508.8	478.6
Oman	284	274	12.1	51.2	35.5	1.3	0.0	3.6	0.5	464.9	464.0	439.3	390.7	.	483.6	515.7
Palestinian Nat'l Auth.	199	189	1.2	27.0	60.8	9.9	1.1	1.3	2.9	443.5	410.5	389.0	355.5	398.1	476.3	374.9
Portugal	521	491	0.8	22.1	64.5	11.9	0.7	0.7	4.9	518.4	527.6	501.7	488.8	494.2	506.5	498.7
Qatar	242	234	21.7	53.6	23.0	1.3	0.5	0.3	1.8	502.3	479.3	469.1	428.8	412.9	519.5	485.4
Romania	429	321	9.0	35.1	50.3	5.4	0.2	0.7	23.1	477.0	475.1	468.9	452.9	350.4	482.0	450.7
Saudi Arabia	214	200	21.7	40.0	33.9	3.8	0.5	2.1	4.7	442.9	419.4	408.7	383.7	407.3	414.7	414.6
Singapore	345	345	10.2	30.1	49.7	9.1	0.9	0.0	0.0	691.5	639.3	581.5	540.8	550.4	.	.
South Africa (9)	288	215	5.3	23.3	57.6	11.5	2.3	2.2	29.3	397.1	387.6	364.1	330.7	324.7	324.1	355.4
Sweden	814	673	0.6	38.0	55.7	5.6	0.0	2.5	13.9	611.0	537.6	516.7	476.7	.	530.4	510.5
Turkiye	189	187	6.2	26.7	54.3	10.6	2.2	1.6	0.0	598.3	561.0	518.0	486.7	476.5	487.0	.
United Arab Emirates	1614	1399	19.3	45.1	30.8	4.3	0.4	0.8	11.6	527.3	496.1	455.7	393.8	372.9	465.2	500.0
United States	672	581	7.0	36.6	45.7	8.9	1.8	0.7	8.9	509.3	533.3	506.6	492.1	484.9	518.9	505.5
Uzbekistan	668	634	16.9	48.4	33.5	1.2	0.0	3.6	1.4	407.0	395.2	392.1	381.0	.	390.1	387.5
International Avg. (44)	23553	20761	6.9	33.3	50.1	8.7	1.0	1.3	10.2	503.8	487.6	464.5	443.5	433.9	474.8	467.5
Abu Dhabi, UAE	597	519	15.2	40.3	33.1	10.2	1.1	0.8	11.2	506.3	465.0	408.2	384.6	354.4	438.5	447.4
Dubai, UAE	432	361	20.9	47.9	30.3	0.7	0.1	0.6	11.7	585.2	550.5	523.5	463.0	534.2	471.3	537.7
Sharjah, UAE	307	267	24.8	45.4	28.0	1.8	0.0	1.1	14.0	524.5	496.7	458.8	422.1	.	525.9	538.1

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel academically
Location: TQG-06k (BTBG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	545	9.4	32.8	38.6	15.5	3.7	0.5	33.7	543.0	538.1	527.6	497.4	464.9	519.5	509.7
Austria	889	786	8.4	36.5	43.0	10.0	2.1	3.7	8.2	518.1	526.2	508.9	488.1	472.5	504.1	500.5
Azerbaijan	1140	939	21.0	46.5	28.9	2.8	0.8	3.9	12.4	411.7	409.6	413.4	405.1	419.3	404.7	415.4
Bahrain	223	220	36.2	41.9	18.7	3.2	0.0	1.1	0.0	464.8	447.7	445.8	394.7	.	452.8	.
Brazil	916	878	6.9	29.0	45.2	14.0	4.9	0.6	4.1	449.9	428.1	416.8	399.4	404.2	368.8	442.1
Chile	168	147	17.3	53.7	20.5	7.0	1.6	0.7	11.0	475.0	452.8	454.0	434.6	444.0	542.0	447.5
Chinese Taipei	239	238	8.5	56.0	28.4	5.3	1.8	0.3	0.0	576.2	582.4	555.6	542.4	550.7	661.7	.
Cote d'Ivoire	372	186	10.8	27.9	40.9	16.3	4.2	0.3	50.5	259.4	174.5	173.6	171.3	152.4	142.5	184.4
Cyprus	775	689	10.2	34.9	43.0	10.2	1.7	0.1	10.6	487.9	469.3	457.4	451.6	430.4	396.4	470.4
Czech Republic	1348	1267	5.0	31.1	52.4	9.9	1.6	0.4	5.6	548.5	537.5	522.4	508.4	506.1	568.0	531.0
England	262	126	8.4	39.3	37.6	14.2	0.4	0.9	38.1	536.5	537.9	518.7	537.9	507.0	633.7	530.5
Finland	1239	1201	5.0	42.2	44.4	7.3	1.0	0.2	2.4	551.6	537.6	524.1	516.6	511.2	513.8	538.2
France	379	329	4.2	42.8	39.9	9.7	3.4	0.4	11.9	521.9	493.9	482.7	482.3	451.7	492.8	472.4
Georgia	936	921	13.1	47.6	35.9	2.6	0.8	1.5	0.1	452.3	449.7	444.7	439.4	423.7	443.4	497.7
Hong Kong SAR	185	117	13.1	59.4	25.5	2.0	0.0	0.0	34.9	554.8	530.9	526.6	483.9	.	.	519.7
Hungary	1086	919	3.8	35.9	47.3	10.9	2.1	1.5	13.3	548.7	540.6	512.7	499.3	502.5	496.8	519.4
Iran, Islamic Rep. of	224	223	13.7	40.7	33.5	9.0	3.1	0.5	0.0	426.1	416.8	420.2	416.3	387.2	566.2	.
Ireland	440	400	14.5	47.5	31.3	6.3	0.4	1.2	8.4	536.7	533.3	522.1	505.7	559.5	531.8	515.8
Israel	265	242	9.1	42.9	39.9	8.1	0.0	1.4	6.8	472.3	479.5	485.0	479.5	.	497.2	472.1
Italy	236	211	5.9	39.6	49.7	4.9	0.0	7.0	2.9	525.1	502.9	497.8	460.9	.	517.8	491.0
Japan	147	144	9.9	51.7	33.7	4.4	0.4	0.0	1.7	564.5	558.7	554.0	541.3	559.3	.	559.5
Jordan	225	222	18.8	48.3	26.2	4.6	2.2	1.6	0.0	406.2	421.1	400.2	423.7	426.5	391.0	.
Kazakhstan	1209	1173	26.4	58.5	14.6	0.4	0.1	2.3	0.6	442.3	438.5	458.2	499.3	506.4	446.1	431.4
Korea, Rep. of	243	234	18.2	44.1	32.3	4.6	0.8	1.4	2.8	549.2	550.0	540.6	530.3	532.1	540.6	535.1
Kuwait	157	155	28.0	50.2	18.6	2.5	0.7	0.0	1.1	454.5	409.3	411.7	356.6	279.0	.	372.6
Lithuania	1096	960	10.6	52.5	33.8	3.0	0.1	0.1	10.5	533.8	522.0	510.8	508.3	492.9	509.6	521.5
Malaysia	313	311	7.5	52.1	38.2	1.9	0.3	0.8	0.0	463.3	441.6	400.5	403.2	334.7	419.0	.
Malta	466	391	5.5	33.4	46.7	9.8	4.6	0.0	12.7	550.7	524.6	495.1	469.1	447.2	.	487.0
Morocco	511	487	12.3	40.4	35.2	9.4	2.7	1.3	2.2	336.5	328.3	323.7	318.8	332.2	295.3	346.5
New Zealand	211	136	14.2	28.7	37.5	14.5	5.1	0.0	38.6	544.5	508.6	482.0	472.6	486.6	.	508.7
Norway (9)	310	239	6.5	36.2	44.2	12.4	0.8	0.0	21.3	495.4	498.3	489.0	476.2	467.5	.	478.6
Oman	284	276	34.6	49.7	14.4	0.9	0.4	2.7	0.5	460.0	456.3	439.6	389.8	424.5	490.8	515.7
Palestinian Nat'l Auth.	199	190	11.6	56.0	25.4	5.4	1.6	0.8	2.9	411.3	398.7	374.4	366.1	396.7	542.8	374.9
Portugal	521	493	5.1	39.9	45.9	8.3	0.8	0.3	4.9	532.8	515.5	498.8	483.0	488.3	548.4	498.7
Qatar	242	235	35.6	48.7	13.6	1.6	0.5	0.0	1.8	490.0	475.8	476.9	496.1	412.9	.	485.4
Romania	429	321	15.3	41.2	33.0	8.4	2.0	0.7	23.1	466.2	475.2	467.5	471.5	463.6	482.0	450.7
Saudi Arabia	214	201	46.6	38.8	11.0	3.1	0.5	1.6	4.7	428.8	422.8	386.1	364.2	350.9	418.7	414.6
Singapore	345	345	16.5	49.2	31.0	2.6	0.6	0.0	0.0	680.7	598.5	590.1	469.7	598.7	.	.
South Africa (9)	288	214	11.6	37.9	29.5	18.9	2.2	2.4	29.3	394.7	382.8	356.1	331.2	377.2	328.7	355.4
Sweden	814	670	6.2	39.8	40.2	10.3	3.5	2.7	13.9	520.2	533.3	522.0	495.6	504.8	525.4	510.5
Turkiye	189	187	10.8	47.5	28.7	10.3	2.7	1.6	0.0	570.0	537.2	514.8	507.5	497.9	487.0	.
United Arab Emirates	1614	1398	35.2	45.1	16.8	2.3	0.5	0.9	11.6	508.2	481.8	451.1	452.6	371.4	462.0	500.0
United States	672	577	10.5	36.8	36.2	12.7	3.7	0.9	8.9	532.8	517.6	509.5	514.8	489.4	518.9	505.5
Uzbekistan	668	639	34.1	51.5	13.0	1.1	0.2	2.9	1.4	401.9	391.2	399.0	401.4	387.7	389.8	387.5
International Avg. (44)	23553	20782	14.9	43.3	32.8	7.3	1.6	1.2	10.2	490.9	476.8	465.0	451.3	445.4	473.6	467.5
Abu Dhabi, UAE	597	518	30.0	45.6	20.0	3.0	1.4	0.9	11.2	478.4	449.1	388.0	399.8	361.7	442.3	447.4
Dubai, UAE	432	362	35.3	47.4	14.8	2.4	0.1	0.4	11.7	569.7	540.7	524.0	551.2	550.4	452.1	537.7
Sharjah, UAE	307	266	42.3	40.9	15.9	0.9	0.0	1.3	14.0	510.2	477.6	483.3	416.8	.	519.5	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. I feel
safe at this school
Location: TQG-07a (BTBG07A)

Country	Sample	Valid N	1.Agre e a lot %	2.Agre e a little %	3.Disa gree a little %	4.Disa gree a lot %	Omitte d %	Not Admini stered %	1.Agre e a lot Mean	2.Agre e a little Mean	3.Disa gree a little Mean	4.Disa gree a lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	543	72.0	21.3	6.7	0.0	0.6	33.7	533.3	508.6	495.6	597.1	519.7	509.7
Austria	889	788	82.9	16.3	0.7	0.2	3.3	8.4	516.3	494.6	504.1	528.9	512.8	501.1
Azerbaijan	1140	944	88.6	8.9	2.0	0.5	3.6	12.3	412.6	406.1	399.4	390.1	390.8	415.3
Bahrain	223	219	75.3	19.8	3.1	1.8	2.1	0.0	458.2	433.2	456.6	402.9	432.2	.
Brazil	916	880	50.4	34.9	11.3	3.4	0.9	4.1	424.6	422.2	395.6	387.3	394.2	442.1
Chile	168	146	47.6	45.8	5.9	0.8	1.5	11.0	459.8	453.8	427.9	514.7	488.3	447.5
Chinese Taipei	239	235	61.1	31.0	6.8	1.2	1.0	0.0	573.2	573.9	551.9	556.8	575.5	.
Cote d'Ivoire	372	187	38.4	43.7	11.0	6.9	0.0	50.5	199.4	177.0	165.3	138.0	.	184.4
Cyprus	775	687	64.4	30.0	4.7	1.0	0.2	10.7	469.5	453.9	449.6	449.0	396.5	470.3
Czech Republic	1348	1269	74.6	24.1	1.0	0.3	0.2	5.6	528.5	522.0	507.3	559.2	590.3	531.0
England	262	126	75.9	18.7	4.0	1.4	0.9	38.1	531.3	535.8	509.1	469.7	636.1	530.5
Finland	1239	1200	58.5	36.8	4.7	0.0	0.4	2.4	532.1	529.2	519.1	.	536.5	538.2
France	379	328	60.2	33.5	5.5	0.8	0.4	11.9	495.0	479.2	464.3	494.9	497.5	472.4
Georgia	936	924	83.0	16.6	0.4	0.0	1.4	0.1	449.0	442.7	459.1	.	430.5	497.7
Hong Kong SAR	185	117	69.7	26.4	0.9	3.1	0.0	34.9	535.4	528.3	523.7	489.0	.	519.7
Hungary	1086	915	68.4	27.7	2.7	1.2	1.3	13.7	525.1	517.2	500.9	539.2	496.9	519.1
Iran, Islamic Rep. of	224	222	75.9	19.5	4.6	0.0	0.9	0.0	422.2	412.2	403.0	.	380.3	.
Ireland	440	397	90.0	8.4	1.2	0.4	2.3	8.4	529.9	518.2	507.2	544.5	526.1	515.8
Israel	265	243	74.7	21.4	1.8	2.2	0.6	6.8	484.4	470.1	484.0	480.1	490.0	472.1
Italy	236	211	49.0	45.4	4.7	0.9	7.0	2.9	504.6	495.0	496.4	479.6	517.8	491.0
Japan	147	144	33.4	54.3	12.3	0.0	0.0	1.7	569.2	552.0	545.4	.	.	559.5
Jordan	225	221	65.4	31.4	2.3	0.9	1.3	0.0	413.0	411.8	460.8	370.9	369.0	.
Kazakhstan	1209	1173	78.6	19.9	0.5	1.1	2.1	0.6	446.4	427.3	443.4	424.7	459.5	431.4
Korea, Rep. of	243	235	48.1	39.4	11.8	0.8	1.2	2.8	544.7	546.7	548.9	518.3	541.8	535.1
Kuwait	157	153	84.2	15.1	0.0	0.7	2.0	1.1	423.3	414.3	.	449.0	327.0	372.6
Lithuania	1096	960	66.7	30.6	2.4	0.3	0.1	10.5	518.3	522.9	492.6	496.7	509.6	521.5
Malaysia	313	312	65.2	33.8	0.9	0.0	0.4	0.0	427.0	427.5	335.7	.	447.3	.
Malta	466	393	70.0	22.5	4.4	3.0	0.0	12.0	512.2	478.1	494.0	457.9	.	494.4
Morocco	511	488	55.3	38.3	5.0	1.5	1.0	2.2	325.8	325.3	344.7	338.2	303.4	346.5
New Zealand	211	136	77.4	15.8	4.9	1.9	0.0	38.6	505.1	470.2	497.9	411.2	.	508.7
Norway (9)	310	239	77.4	18.8	3.8	0.0	0.0	21.3	493.9	481.0	482.3	.	.	478.6
Oman	284	280	84.8	13.6	1.1	0.5	0.8	0.5	457.8	441.7	417.6	454.8	493.1	515.7
Palestinian Nat'l Auth.	199	187	64.8	30.1	3.4	1.6	2.4	2.9	398.6	382.6	362.5	395.9	428.0	374.9
Portugal	521	493	76.8	19.5	3.7	0.0	0.3	4.9	509.8	498.0	462.8	.	548.4	498.7
Qatar	242	234	84.5	14.3	0.1	1.1	0.3	1.8	484.9	464.7	562.8	399.3	434.6	485.4
Romania	429	320	90.2	8.1	1.3	0.5	0.9	23.1	470.6	475.0	440.0	469.6	494.0	450.7
Saudi Arabia	214	202	84.2	12.7	2.5	0.5	1.1	4.7	424.5	392.7	394.5	405.5	395.6	414.6
Singapore	345	344	77.4	19.4	2.3	0.9	0.2	0.0	613.2	583.6	602.9	506.2	527.4	.
South Africa (9)	288	218	46.2	38.4	9.5	5.8	0.7	29.3	385.0	349.4	368.4	314.0	327.5	355.4
Sweden	814	666	70.7	27.8	1.2	0.3	3.2	13.9	527.0	512.8	523.2	498.3	527.3	510.5
Turkiye	189	189	72.5	22.6	4.1	0.8	0.0	0.0	537.8	512.3	479.6	519.0	.	.
United Arab Emirates	1614	1406	86.7	12.0	0.9	0.4	0.6	11.5	489.8	450.8	441.5	410.1	476.7	501.0
United States	672	581	59.9	29.2	9.1	1.8	0.5	8.9	523.5	505.2	502.9	467.4	445.4	505.5
Uzbekistan	668	645	91.7	7.2	0.5	0.6	2.1	1.4	395.9	398.2	398.6	384.2	387.3	387.5
International Avg. (44)	23553	20800	69.8	25.1	3.9	1.2	1.1	10.2	476.9	463.6	461.0	451.7	466.3	467.7
Abu Dhabi, UAE	597	519	85.3	14.2	0.2	0.2	0.5	11.2	451.2	395.4	351.2	463.7	434.5	447.4
Dubai, UAE	432	364	88.2	9.7	2.1	0.0	0.2	11.5	553.5	518.4	442.7	.	641.8	540.5
Sharjah, UAE	307	268	86.8	11.6	0.7	0.8	1.2	14.0	493.8	489.8	473.0	371.3	496.2	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. This school's security policies and practices are sufficient
 Location: TQG-07b (BTBG07B)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	542	57.7	27.4	14.0	0.9	0.6	33.7	534.0	520.5	501.1	508.4	521.5	509.7
Austria	889	788	72.4	24.1	3.1	0.4	3.2	8.4	518.8	496.5	499.8	477.3	512.8	501.1
Azerbaijan	1140	938	78.8	17.9	2.9	0.4	4.2	12.3	413.0	407.1	405.7	371.6	396.2	415.3
Bahrain	223	218	69.7	23.7	4.2	2.5	2.5	0.0	460.5	436.0	430.3	407.1	439.2	.
Brazil	916	879	33.9	41.3	16.6	8.2	1.4	4.1	427.1	423.3	403.4	400.3	394.5	442.1
Chile	168	146	32.9	51.0	15.4	0.7	1.5	11.0	464.7	452.5	447.1	440.0	488.3	447.5
Chinese Taipei	239	234	53.3	38.6	5.4	2.7	1.7	0.0	575.5	571.1	545.3	572.8	555.5	.
Cote d'Ivoire	372	185	26.4	47.2	18.7	7.7	0.3	50.5	194.6	187.4	167.0	131.8	263.8	184.4
Cyprus	775	686	58.8	33.4	6.0	1.9	0.3	10.7	469.8	452.2	467.6	467.5	404.2	470.3
Czech Republic	1348	1267	62.8	34.7	2.4	0.1	0.4	5.6	528.9	522.9	519.9	621.7	583.2	531.0
England	262	126	68.6	25.8	5.4	0.2	0.9	38.1	529.6	523.6	572.3	559.4	636.1	530.5
Finland	1239	1199	44.8	47.3	7.8	0.1	0.4	2.4	532.4	529.1	528.1	489.4	536.5	537.6
France	379	325	46.9	39.4	12.7	1.1	1.3	11.9	492.8	486.8	469.9	508.2	510.3	472.4
Georgia	936	917	79.8	19.0	1.2	0.0	2.3	0.1	448.7	444.8	457.3	.	432.2	497.7
Hong Kong SAR	185	117	63.8	32.7	1.4	2.2	0.0	34.9	529.4	540.9	455.9	521.7	.	519.7
Hungary	1086	918	63.9	30.7	4.6	0.8	1.3	13.5	525.3	514.2	535.8	530.1	496.9	519.1
Iran, Islamic Rep. of	224	220	69.0	24.7	6.3	0.0	1.9	0.0	422.7	408.2	422.2	.	415.4	.
Ireland	440	393	69.4	26.3	3.9	0.4	2.8	8.7	528.6	530.4	513.9	518.2	532.3	516.9
Israel	265	242	69.0	23.1	7.3	0.7	0.8	6.8	484.8	474.0	472.6	477.5	468.2	472.1
Italy	236	211	39.3	55.8	4.5	0.4	7.0	2.9	506.2	494.4	504.4	533.5	517.8	491.0
Japan	147	144	16.0	61.5	18.8	3.7	0.0	1.7	565.3	554.0	560.2	553.2	.	559.5
Jordan	225	219	55.6	36.0	7.6	0.7	2.2	0.0	417.1	406.0	415.1	405.1	407.9	.
Kazakhstan	1209	1173	66.5	32.4	0.7	0.4	2.3	0.6	450.6	426.7	400.1	415.4	461.1	431.4
Korea, Rep. of	243	233	45.1	46.3	8.6	0.0	1.8	2.8	544.1	548.0	544.6	.	532.6	535.1
Kuwait	157	153	73.1	24.7	1.4	0.7	1.7	1.1	432.5	392.3	399.7	449.0	308.5	372.6
Lithuania	1096	960	61.5	34.4	3.9	0.2	0.1	10.5	517.7	521.3	519.0	534.5	509.6	521.5
Malaysia	313	313	55.4	43.0	1.7	0.0	0.0	0.0	427.7	426.6	375.7	.	.	.
Malta	466	393	51.8	36.5	8.5	3.1	0.0	12.0	510.4	498.9	475.5	473.9	.	494.4
Morocco	511	487	39.3	43.5	12.4	4.8	1.0	2.2	334.3	322.6	322.1	315.3	301.4	346.5
New Zealand	211	136	52.6	37.2	5.3	5.0	0.0	38.6	506.5	492.8	496.1	437.2	.	508.7
Norway (9)	310	239	45.8	42.4	11.1	0.7	0.0	21.3	497.4	485.0	487.5	496.5	.	478.6
Oman	284	279	68.8	28.7	2.5	0.0	1.3	0.5	459.2	448.1	434.2	.	462.1	515.7
Palestinian Nat'l Auth.	199	186	52.9	38.7	6.2	2.2	3.2	2.9	405.2	380.3	371.1	363.5	418.8	374.9
Portugal	521	492	64.9	29.2	5.9	0.0	0.5	4.9	511.7	496.9	485.0	.	527.1	498.7
Qatar	242	233	83.7	13.3	1.9	1.1	0.5	1.8	484.1	460.5	528.2	399.3	509.4	485.4
Romania	429	320	77.0	19.7	3.1	0.2	0.9	23.1	471.5	467.7	470.1	387.5	494.0	450.7
Saudi Arabia	214	201	81.1	16.6	1.8	0.5	1.6	4.7	425.8	402.4	333.1	350.9	388.5	414.6
Singapore	345	344	71.4	26.5	1.5	0.6	0.2	0.0	609.7	604.0	529.4	493.8	527.4	.
South Africa (9)	288	216	28.7	40.5	23.7	7.1	1.3	29.3	414.8	349.6	345.3	328.5	330.6	355.4
Sweden	814	664	43.8	49.8	5.2	1.3	3.3	13.9	526.4	522.3	498.8	522.1	528.7	510.5
Turkiye	189	189	53.9	37.9	7.9	0.4	0.0	0.0	541.2	518.6	505.6	464.4	.	.
United Arab Emirates	1614	1404	84.7	13.9	0.9	0.4	0.6	11.5	490.2	455.3	456.9	358.2	472.6	501.0
United States	672	581	48.8	34.1	14.3	2.8	0.5	8.9	523.6	514.6	498.3	464.6	445.4	505.5
Uzbekistan	668	642	79.4	16.8	2.3	1.5	2.6	1.4	397.7	391.0	392.4	374.8	383.7	387.5
International Avg. (44)	23553	20752	58.2	33.4	6.8	1.6	1.4	10.2	478.5	465.9	458.3	450.6	462.5	467.7
Abu Dhabi, UAE	597	519	82.8	15.4	1.1	0.7	0.5	11.2	452.3	399.3	428.5	324.6	434.5	447.4
Dubai, UAE	432	363	84.5	14.5	0.6	0.5	0.2	11.5	554.5	518.5	441.5	397.2	585.5	540.5
Sharjah, UAE	307	267	85.7	12.7	1.6	0.0	1.3	14.0	494.8	474.1	497.1	.	490.9	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. The students behave in an orderly manner
Location: TQG-07c (BTB607C)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	542	28.7	43.0	17.3	10.9	0.6	33.7	542.9	531.1	500.9	496.5	521.3	509.7
Austria	889	788	18.7	63.6	16.5	1.2	3.2	8.4	533.8	517.0	476.5	460.3	510.9	501.1
Azerbaijan	1140	944	43.1	42.2	12.7	2.0	3.6	12.3	407.9	414.7	411.9	413.4	397.3	415.3
Bahrain	223	219	41.6	48.5	8.5	1.4	2.1	0.0	474.4	437.1	440.6	387.7	432.2	.
Brazil	916	880	17.9	49.1	23.8	9.2	0.9	4.1	436.8	421.9	408.5	399.1	394.2	442.1
Chile	168	146	16.9	63.4	18.4	1.2	1.5	11.0	474.2	456.6	435.8	444.0	488.3	447.5
Chinese Taipei	239	232	21.4	59.2	18.2	1.2	1.4	0.0	577.0	575.1	555.5	556.8	578.8	.
Cote d'Ivoire	372	187	11.4	57.7	22.6	8.3	0.0	50.5	208.5	185.4	163.4	168.4	.	184.4
Cyprus	775	687	26.9	49.6	20.0	3.5	0.2	10.7	485.5	457.1	456.3	431.0	396.5	470.3
Czech Republic	1348	1268	18.2	70.8	10.8	0.3	0.3	5.6	547.1	525.2	502.4	520.2	601.6	531.0
England	262	126	28.8	45.8	20.5	4.9	0.9	38.1	538.9	535.8	505.0	535.1	636.1	530.5
Finland	1239	1196	7.4	55.4	35.0	2.1	0.5	2.4	537.2	536.6	520.7	504.6	542.5	538.2
France	379	327	14.9	55.4	25.1	4.6	0.6	11.9	507.9	494.2	466.6	464.9	503.4	472.4
Georgia	936	923	30.8	56.7	11.3	1.2	1.6	0.1	451.0	447.2	446.2	422.6	431.4	497.7
Hong Kong SAR	185	117	44.4	45.0	9.2	1.4	0.0	34.9	552.5	511.3	545.5	455.9	.	519.7
Hungary	1086	916	28.9	58.0	12.0	1.1	1.4	13.6	541.0	519.4	496.1	476.9	501.7	519.1
Iran, Islamic Rep. of	224	221	37.3	43.6	14.6	4.5	1.3	0.0	427.2	415.7	416.0	398.2	401.6	.
Ireland	440	396	51.6	35.2	9.2	3.9	2.5	8.4	530.2	537.7	501.4	492.4	526.2	515.8
Israel	265	243	26.8	43.3	24.6	5.2	0.6	6.8	480.0	476.3	490.7	483.8	490.0	472.1
Italy	236	211	15.9	59.5	23.2	1.5	7.0	2.9	506.4	506.5	477.5	498.8	517.8	491.0
Japan	147	144	13.2	73.7	11.3	1.8	0.0	1.7	563.2	557.2	553.6	520.6	.	559.5
Jordan	225	221	27.6	50.2	19.1	3.1	1.3	0.0	421.6	410.6	404.7	437.0	369.0	.
Kazakhstan	1209	1169	49.9	45.8	4.0	0.3	2.6	0.6	450.0	432.7	459.3	447.0	454.8	431.4
Korea, Rep. of	243	235	35.4	44.0	18.8	1.8	1.2	2.8	548.0	549.6	536.0	508.1	541.8	535.1
Kuwait	157	154	43.4	48.3	6.1	2.3	1.2	1.1	445.0	403.7	395.1	440.9	279.1	372.6
Lithuania	1096	959	17.8	69.0	12.6	0.6	0.1	10.5	526.5	517.9	515.6	500.8	534.8	521.5
Malaysia	313	313	31.0	62.6	5.9	0.6	0.0	0.0	444.7	422.2	381.4	360.3	.	.
Malta	466	392	29.4	38.4	25.1	7.1	0.6	12.0	526.3	506.9	475.6	463.7	560.5	494.4
Morocco	511	487	17.4	54.9	20.6	7.2	1.0	2.2	340.2	325.0	321.2	324.2	301.4	346.5
New Zealand	211	136	26.5	35.4	27.2	10.9	0.0	38.6	527.6	497.8	475.2	478.4	.	508.7
Norway (9)	310	239	25.7	50.8	21.3	2.2	0.0	21.3	506.6	489.8	477.2	471.4	.	478.6
Oman	284	279	35.7	57.0	6.8	0.5	1.3	0.5	466.0	452.9	425.5	418.5	449.5	515.7
Palestinian Nat'l Auth.	199	187	31.0	49.9	15.6	3.4	2.4	2.9	404.5	392.3	374.6	368.6	428.0	374.9
Portugal	521	493	19.6	54.9	20.2	5.4	0.3	4.9	522.6	507.7	494.0	469.4	548.4	498.7
Qatar	242	234	58.5	29.7	8.1	3.6	0.3	1.8	486.4	471.2	484.9	470.6	434.6	485.4
Romania	429	320	55.5	35.8	7.9	0.7	0.9	23.1	469.0	474.0	465.3	471.2	494.0	450.7
Saudi Arabia	214	202	55.0	34.2	9.6	1.1	1.1	4.7	429.7	413.8	386.2	387.4	395.6	414.6
Singapore	345	344	45.8	39.4	12.9	1.9	0.2	0.0	632.8	592.8	564.5	531.1	527.4	.
South Africa (9)	288	217	12.0	48.8	24.3	14.9	1.0	29.3	393.8	376.0	348.0	337.3	337.2	355.4
Sweden	814	668	11.9	70.5	16.9	0.6	3.0	13.9	538.5	526.5	497.4	529.0	525.5	510.5
Turkiye	189	189	28.0	53.4	16.3	2.3	0.0	0.0	544.4	530.7	507.2	479.6	.	.
United Arab Emirates	1614	1407	54.1	34.3	9.3	2.4	0.5	11.5	501.8	473.3	440.5	417.8	489.3	501.0
United States	672	581	19.1	40.9	25.0	14.9	0.5	8.9	521.6	525.7	511.3	485.2	445.4	505.5
Uzbekistan	668	640	62.1	31.9	4.5	1.4	2.9	1.4	397.4	394.0	392.1	391.8	389.7	387.5
International Avg. (44)	23553	20779	30.4	50.0	16.0	3.7	1.2	10.2	485.7	471.5	456.9	448.2	469.7	467.7
Abu Dhabi, UAE	597	519	44.6	35.9	15.8	3.7	0.5	11.2	477.9	426.7	400.5	362.5	434.5	447.4
Dubai, UAE	432	364	56.1	34.1	7.0	2.8	0.2	11.5	556.4	539.4	542.0	494.0	641.8	540.5
Sharjah, UAE	307	268	61.1	32.2	6.3	0.3	1.2	14.0	499.7	485.4	453.8	464.6	496.2	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. The students are respectful of the teachers
Location: TQG-07d (BTB07D)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	543	27.2	40.8	22.7	9.2	0.6	33.7	547.3	529.5	502.6	499.8	519.7	509.7
Austria	889	787	23.3	61.2	14.3	1.2	3.3	8.4	530.0	515.0	477.6	481.7	511.8	501.1
Azerbaijan	1140	943	56.4	33.9	8.1	1.7	3.7	12.3	411.0	412.8	406.2	421.0	397.2	415.3
Bahrain	223	219	52.5	41.1	4.8	1.6	2.1	0.0	468.1	428.7	496.5	403.1	432.2	.
Brazil	916	880	29.3	45.1	18.5	7.1	0.9	4.1	439.4	415.5	403.9	400.1	394.2	442.1
Chile	168	146	25.6	58.0	16.5	0.0	1.5	11.0	468.0	457.7	429.0	.	488.3	447.5
Chinese Taipei	239	235	21.4	57.5	19.9	1.2	1.0	0.0	583.4	566.8	574.7	556.8	575.5	.
Cote d'Ivoire	372	186	22.9	54.7	16.9	5.5	0.2	50.5	176.2	190.9	158.1	183.7	193.6	184.4
Cyprus	775	686	22.9	49.3	22.8	5.0	0.3	10.7	485.3	458.6	455.4	453.8	404.2	470.3
Czech Republic	1348	1268	26.7	67.2	5.9	0.2	0.3	5.6	541.3	522.8	505.4	524.9	601.6	531.0
England	262	126	29.2	48.3	17.7	4.8	0.9	38.1	537.3	531.2	515.6	534.3	636.1	530.5
Finland	1239	1200	7.4	61.2	29.1	2.4	0.4	2.4	544.1	533.8	521.3	511.8	536.5	538.2
France	379	326	21.7	61.3	14.4	2.6	1.0	11.9	505.3	488.2	467.8	449.4	498.9	472.4
Georgia	936	921	42.5	49.7	7.1	0.8	1.8	0.1	449.5	447.8	440.9	436.6	435.4	497.7
Hong Kong SAR	185	117	43.8	47.5	7.2	1.5	0.0	34.9	539.9	528.5	524.5	447.2	.	519.7
Hungary	1086	920	27.3	58.5	12.2	2.0	1.2	13.5	539.2	520.3	498.5	498.2	498.6	519.1
Iran, Islamic Rep. of	224	222	44.3	36.8	14.7	4.2	0.9	0.0	421.1	422.0	413.4	398.9	380.3	.
Ireland	440	396	48.6	39.8	7.9	3.7	2.5	8.4	532.3	528.8	519.2	500.7	526.2	515.8
Israel	265	241	33.6	39.6	24.7	2.1	1.6	6.8	479.7	479.0	486.5	504.1	462.5	472.1
Italy	236	211	21.6	61.5	16.4	0.5	7.0	2.9	513.1	497.7	488.8	508.1	517.8	491.0
Japan	147	144	3.2	70.2	23.9	2.8	0.0	1.7	577.2	561.2	539.7	574.1	.	559.5
Jordan	225	221	38.7	50.4	9.4	1.5	1.3	0.0	417.6	407.8	429.0	389.7	369.0	.
Kazakhstan	1209	1170	60.5	36.0	2.8	0.8	2.6	0.6	449.4	432.3	437.3	389.0	454.3	431.4
Korea, Rep. of	243	236	27.4	52.5	18.1	2.0	0.9	2.8	548.7	545.6	543.9	527.5	536.3	535.1
Kuwait	157	154	52.0	45.0	1.5	1.5	1.2	1.1	440.2	398.2	503.3	421.9	279.1	372.6
Lithuania	1096	958	24.3	63.2	11.8	0.7	0.2	10.5	528.3	515.9	517.7	507.4	502.4	521.5
Malaysia	313	312	33.6	60.5	5.3	0.6	0.3	0.0	441.1	421.6	395.3	360.3	430.4	.
Malta	466	393	27.0	42.5	25.5	5.0	0.0	12.0	531.7	501.2	479.8	463.7	.	494.4
Morocco	511	486	31.1	50.4	15.6	2.9	1.3	2.2	333.5	322.9	327.4	307.5	329.4	346.5
New Zealand	211	135	27.1	41.6	25.4	5.9	0.1	38.6	516.6	501.7	468.8	500.4	541.8	508.7
Norway (9)	310	239	17.7	56.6	22.2	3.5	0.0	21.3	510.8	491.1	477.4	478.0	.	478.6
Oman	284	280	47.9	46.1	5.9	0.0	0.8	0.5	464.5	449.8	421.2	.	493.1	515.7
Palestinian Nat'l Auth.	199	187	45.8	43.5	7.9	2.8	2.4	2.9	404.9	384.9	370.8	369.5	428.0	374.9
Portugal	521	492	21.7	56.8	16.1	5.4	0.4	4.9	522.0	504.9	496.8	477.4	533.5	498.7
Qatar	242	234	65.3	25.3	6.9	2.5	0.3	1.8	486.6	467.9	494.8	438.1	434.6	485.4
Romania	429	318	54.6	36.7	8.6	0.2	1.4	23.1	469.1	475.8	457.6	472.3	483.0	450.7
Saudi Arabia	214	202	67.4	27.3	3.1	2.2	1.1	4.7	428.2	403.8	391.0	393.1	395.6	414.6
Singapore	345	344	45.6	42.4	10.0	2.0	0.2	0.0	628.5	597.6	556.8	534.2	527.4	.
South Africa (9)	288	218	21.9	46.6	21.7	9.8	0.7	29.3	373.7	373.3	349.9	345.3	327.5	355.4
Sweden	814	665	12.8	69.7	16.7	0.8	3.2	13.9	539.0	524.1	506.3	520.0	527.1	510.5
Turkiye	189	189	41.5	45.2	10.9	2.4	0.0	0.0	554.6	519.7	484.8	484.7	.	.
United Arab Emirates	1614	1403	60.8	28.7	8.2	2.2	0.7	11.5	501.4	465.8	442.1	418.6	469.8	501.0
United States	672	581	20.5	37.6	30.5	11.4	0.5	8.9	527.2	518.8	511.3	492.8	445.4	505.5
Uzbekistan	668	645	76.1	20.6	2.7	0.5	2.0	1.4	397.4	389.9	406.8	392.6	382.6	387.5
International Avg. (44)	23553	20779	35.3	47.9	13.9	2.9	1.2	10.2	484.2	469.3	461.3	451.7	459.0	467.7
Abu Dhabi, UAE	597	517	49.7	33.8	12.5	4.0	0.6	11.2	473.6	425.5	393.7	367.0	431.5	447.4
Dubai, UAE	432	363	64.7	26.5	7.1	1.7	0.2	11.5	557.6	532.2	519.2	541.6	585.5	540.5
Sharjah, UAE	307	268	68.8	25.5	5.4	0.3	1.2	14.0	498.8	475.7	484.0	499.9	496.2	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. The students respect school property
Location: TQG-07e (BTBG07E)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	543	17.7	42.2	22.2	17.8	0.6	33.7	548.6	533.5	515.2	496.6	519.7	509.7
Austria	889	789	9.8	51.3	34.4	4.5	3.2	8.4	522.0	523.3	498.4	481.5	511.9	501.1
Azerbaijan	1140	935	36.8	43.3	15.2	4.7	4.5	12.3	405.0	415.1	417.2	410.6	398.0	415.3
Bahrain	223	219	46.7	42.4	9.6	1.3	2.1	0.0	471.0	431.5	461.8	383.0	432.2	.
Brazil	916	869	29.4	44.8	21.0	4.8	1.8	4.1	445.0	414.4	400.7	397.9	383.0	442.1
Chile	168	146	17.5	54.1	26.5	2.0	1.5	11.0	462.9	459.6	440.2	487.6	488.3	447.5
Chinese Taipei	239	234	11.6	58.8	27.4	2.2	1.7	0.0	587.0	568.6	574.4	559.5	555.5	.
Cote d'Ivoire	372	186	28.8	44.1	21.6	5.5	0.7	50.5	191.1	178.5	177.6	174.4	175.8	184.4
Cyprus	775	684	15.0	45.4	29.9	9.7	0.6	10.7	483.5	461.8	461.8	448.5	426.5	470.3
Czech Republic	1348	1268	9.5	65.8	22.4	2.4	0.3	5.6	548.9	528.3	513.3	522.2	601.6	531.0
England	262	125	22.9	40.7	24.8	11.5	1.3	38.1	534.3	538.4	517.6	523.3	594.7	530.5
Finland	1239	1198	3.1	44.8	45.5	6.6	0.6	2.4	537.2	537.3	525.6	514.3	527.5	538.2
France	379	326	10.4	57.3	28.1	4.1	0.9	11.9	514.5	488.3	481.3	462.0	499.4	472.4
Georgia	936	919	29.8	51.0	16.8	2.4	2.1	0.1	452.9	446.9	443.3	444.1	434.3	497.7
Hong Kong SAR	185	117	32.3	59.0	7.2	1.5	0.0	34.9	548.7	525.9	516.9	482.0	.	519.7
Hungary	1086	913	21.8	55.8	20.0	2.4	1.7	13.5	529.9	524.0	510.8	515.7	500.3	519.1
Iran, Islamic Rep. of	224	222	40.7	36.8	17.4	5.1	0.9	0.0	424.4	418.3	407.4	426.9	380.3	.
Ireland	440	396	30.0	45.1	22.4	2.6	2.3	8.4	531.7	532.3	518.9	516.8	526.1	515.8
Israel	265	242	24.0	33.0	35.6	7.4	0.9	6.8	473.3	473.9	493.7	480.7	479.3	472.1
Italy	236	211	14.9	60.9	24.0	0.1	7.0	2.9	516.5	497.8	493.9	495.8	517.8	491.0
Japan	147	144	8.9	65.0	23.6	2.6	0.0	1.7	565.2	557.8	549.3	578.8	.	559.5
Jordan	225	219	27.6	45.4	23.0	4.0	2.8	0.0	411.3	416.9	409.6	383.0	428.8	.
Kazakhstan	1209	1169	43.9	46.6	8.1	1.4	2.6	0.6	447.3	437.1	449.7	423.8	454.7	431.4
Korea, Rep. of	243	235	20.4	39.8	32.4	7.4	1.2	2.8	544.5	550.4	542.1	540.2	541.8	535.1
Kuwait	157	154	38.2	49.9	8.1	3.8	1.2	1.1	448.3	408.9	393.8	389.1	279.1	372.6
Lithuania	1096	958	20.8	62.5	14.5	2.2	0.3	10.5	521.4	519.0	515.8	519.9	511.1	521.5
Malaysia	313	313	20.2	60.0	18.8	0.9	0.0	0.0	442.8	426.4	410.8	386.9	.	.
Malta	466	393	20.4	44.8	26.5	8.3	0.0	12.0	518.7	508.0	486.9	477.7	.	494.4
Morocco	511	483	19.1	46.8	25.4	8.8	1.8	2.2	348.6	321.1	317.3	333.9	327.7	346.5
New Zealand	211	136	16.8	32.4	37.0	13.8	0.0	38.6	526.7	494.4	489.5	490.1	.	508.7
Norway (9)	310	239	11.2	43.6	33.9	11.3	0.0	21.3	511.6	496.2	483.9	472.5	.	478.6
Oman	284	279	37.8	53.2	8.0	1.0	0.9	0.5	465.6	450.0	442.4	433.5	486.8	515.7
Palestinian Nat'l Auth.	199	187	30.0	52.7	11.8	5.5	2.4	2.9	405.9	390.3	376.5	374.9	428.0	374.9
Portugal	521	493	16.5	58.2	21.0	4.4	0.3	4.9	518.4	509.4	492.8	473.1	548.4	498.7
Qatar	242	234	58.3	33.2	4.2	4.2	0.3	1.8	488.3	465.3	501.8	486.9	434.6	485.4
Romania	429	318	55.1	36.1	7.8	1.1	1.3	23.1	468.3	475.4	462.6	481.6	482.9	450.7
Saudi Arabia	214	201	51.2	36.6	11.1	1.1	1.6	4.7	433.0	409.3	398.2	347.0	410.6	414.6
Singapore	345	344	40.3	40.0	17.4	2.3	0.2	0.0	633.5	593.1	581.8	543.7	527.4	.
South Africa (9)	288	217	13.0	37.2	30.2	19.6	1.2	29.3	407.5	372.5	356.9	340.0	318.5	355.4
Sweden	814	659	2.9	49.5	40.7	7.0	3.9	13.9	548.9	529.9	516.3	497.9	532.3	510.5
Turkiye	189	189	27.3	49.8	17.0	6.0	0.0	0.0	549.4	533.0	498.1	499.4	.	.
United Arab Emirates	1614	1400	55.6	31.7	9.7	3.1	0.7	11.5	501.4	473.2	444.2	418.5	480.1	501.3
United States	672	579	14.4	30.4	33.0	22.2	0.7	8.9	534.5	517.6	517.1	497.6	444.9	505.5
Uzbekistan	668	644	64.4	28.6	4.8	2.3	2.2	1.4	397.8	390.7	403.9	390.7	389.5	387.5
International Avg. (44)	23553	20729	26.5	46.6	21.4	5.5	1.4	10.2	485.6	471.4	463.9	454.6	458.9	467.7
Abu Dhabi, UAE	597	514	44.8	35.1	14.1	6.0	0.9	11.4	477.6	427.2	401.8	368.8	451.3	449.0
Dubai, UAE	432	363	57.5	31.8	8.5	2.3	0.2	11.5	555.9	539.4	523.0	558.0	585.5	540.5
Sharjah, UAE	307	268	62.1	30.0	7.8	0.2	1.2	14.0	499.8	485.6	455.2	556.2	496.2	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. This school has clear rules about student conduct
Location: TQG-07f (BTBG07F)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	542	48.9	35.5	12.6	3.1	0.6	33.7	535.5	509.4	534.0	517.7	519.8	509.7
Austria	889	787	62.6	31.4	5.4	0.7	3.3	8.4	511.5	514.6	518.2	500.1	510.7	501.1
Azerbaijan	1140	941	71.3	23.2	4.6	0.8	4.0	12.3	412.8	408.6	405.2	405.4	398.7	415.3
Bahrain	223	218	60.6	31.3	5.5	2.5	2.7	0.0	463.8	436.4	394.7	499.0	435.8	.
Brazil	916	879	69.0	21.9	6.7	2.4	1.0	4.1	425.3	405.2	411.5	396.3	392.9	442.1
Chile	168	146	35.5	50.1	13.2	1.2	1.5	11.0	460.0	453.8	450.8	453.8	488.3	447.5
Chinese Taipei	239	235	52.3	40.7	5.7	1.2	1.0	0.0	577.0	566.4	565.9	556.8	575.5	.
Cote d'Ivoire	372	187	73.7	21.4	3.1	1.8	0.0	50.5	189.5	156.5	169.1	177.3	.	184.4
Cyprus	775	686	58.2	29.7	10.6	1.5	0.2	10.8	465.9	460.3	455.0	497.3	396.5	471.1
Czech Republic	1348	1268	61.3	33.7	4.4	0.5	0.3	5.6	527.3	524.9	531.5	527.5	601.6	531.0
England	262	126	57.1	27.9	14.5	0.6	0.9	38.1	532.8	526.8	526.7	555.0	636.1	530.5
Finland	1239	1201	30.4	57.7	10.8	1.1	0.2	2.4	533.6	529.6	528.8	510.7	513.8	538.2
France	379	326	25.7	50.9	20.5	2.8	0.8	11.9	499.4	485.9	479.8	485.4	481.3	472.4
Georgia	936	920	52.1	40.8	6.3	0.8	1.9	0.1	448.6	448.2	442.7	435.2	436.3	497.7
Hong Kong SAR	185	117	56.4	38.6	2.5	2.6	0.0	34.9	541.2	519.7	503.3	542.1	.	519.7
Hungary	1086	915	61.2	34.1	3.9	0.8	1.3	13.6	522.9	521.5	520.7	527.1	501.8	519.1
Iran, Islamic Rep. of	224	222	64.7	24.3	6.1	4.9	0.9	0.0	422.4	412.4	425.0	406.2	380.3	.
Ireland	440	395	67.0	25.5	6.5	1.0	2.7	8.4	528.6	526.5	540.1	492.0	535.6	515.8
Israel	265	243	53.6	32.3	10.8	3.3	0.6	6.8	480.0	479.9	493.4	475.1	490.0	472.1
Italy	236	211	52.2	43.4	3.6	0.8	7.0	2.9	501.6	498.1	499.0	455.5	517.8	491.0
Japan	147	144	11.4	70.8	16.9	0.9	0.0	1.7	552.8	556.7	555.7	652.8	.	559.5
Jordan	225	221	52.1	38.6	6.5	2.8	1.3	0.0	415.4	408.7	434.4	390.5	369.0	.
Kazakhstan	1209	1172	67.4	31.3	0.7	0.5	2.4	0.6	448.9	429.0	441.2	433.3	452.0	431.4
Korea, Rep. of	243	235	45.7	44.3	8.8	1.2	1.2	2.8	545.0	548.9	531.8	559.4	541.8	535.1
Kuwait	157	154	79.1	18.1	1.3	1.5	1.2	1.1	425.7	409.3	410.6	389.8	279.1	372.6
Lithuania	1096	959	62.4	32.1	4.6	0.9	0.1	10.5	519.7	516.6	529.3	509.8	487.8	521.5
Malaysia	313	313	54.5	42.8	2.7	0.0	0.0	0.0	428.4	426.1	389.7	.	.	.
Malta	466	391	43.5	38.7	14.2	3.6	0.3	12.3	501.1	504.6	506.1	488.9	427.9	491.8
Morocco	511	484	33.8	44.1	17.9	4.3	1.8	2.2	328.4	328.2	317.5	335.0	318.7	346.5
New Zealand	211	136	35.7	37.8	18.2	8.3	0.0	38.6	505.1	485.5	506.6	498.4	.	508.7
Norway (9)	310	239	51.5	35.5	12.3	0.7	0.0	21.3	496.0	489.9	472.4	515.7	.	478.6
Oman	284	278	75.6	23.6	0.0	0.8	1.1	0.5	459.2	440.8	.	493.7	483.0	515.7
Palestinian Nat'l Auth.	199	187	62.4	30.3	5.2	2.1	2.4	2.9	399.0	383.3	373.3	381.1	428.0	374.9
Portugal	521	493	54.6	35.7	7.2	2.5	0.3	4.9	511.0	502.5	483.8	503.2	548.4	498.7
Qatar	242	233	77.2	17.7	3.3	1.8	0.3	1.8	483.3	462.5	509.7	521.6	428.2	485.4
Romania	429	320	87.5	10.4	2.2	0.0	0.9	23.1	469.7	482.2	447.1	.	494.0	450.7
Saudi Arabia	214	202	80.2	16.8	2.4	0.6	1.1	4.7	424.1	401.2	405.1	390.3	395.6	414.6
Singapore	345	344	63.3	31.3	4.7	0.7	0.2	0.0	617.3	586.6	607.0	475.3	527.4	.
South Africa (9)	288	218	68.8	21.1	4.7	5.5	0.7	29.3	371.1	348.9	385.8	342.8	327.5	355.4
Sweden	814	665	34.8	57.6	6.3	1.4	3.2	13.9	528.2	519.3	529.1	514.7	527.1	510.5
Turkiye	189	189	49.9	38.8	9.1	2.3	0.0	0.0	537.4	527.5	507.0	481.0	.	.
United Arab Emirates	1614	1404	76.8	19.1	3.4	0.7	0.7	11.5	492.5	454.4	477.7	444.4	486.2	501.0
United States	672	581	39.5	36.0	17.4	7.1	0.5	8.9	509.9	517.2	525.6	509.5	445.4	505.5
Uzbekistan	668	641	83.7	14.4	1.2	0.6	2.5	1.4	397.0	390.6	394.6	391.4	387.4	387.5
International Avg. (44)	23553	20768	56.9	33.7	7.5	1.9	1.2	10.2	476.0	466.0	468.3	467.6	464.0	467.7
Abu Dhabi, UAE	597	518	67.0	27.9	4.1	1.0	0.5	11.2	459.0	411.2	400.0	439.0	433.0	447.4
Dubai, UAE	432	363	77.7	16.1	5.2	1.1	0.6	11.5	551.0	532.8	565.8	456.1	571.4	540.5
Sharjah, UAE	307	268	84.3	13.9	1.7	0.0	1.2	14.0	496.1	478.3	411.9	.	496.2	538.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. This school's rules are enforced in a fair and consistent manner
Location: TQG-07g (BTBG07G)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	541	31.8	34.9	23.7	9.6	1.4	33.7	537.1	517.2	525.6	518.4	517.4	509.7
Austria	889	788	27.7	53.1	17.0	2.2	3.2	8.4	513.5	513.9	509.3	504.7	510.9	501.1
Azerbaijan	1140	943	74.8	20.2	3.7	1.3	3.9	12.3	412.6	407.4	414.0	395.7	398.1	415.3
Bahrain	223	219	56.7	31.6	8.3	3.4	2.1	0.0	464.6	430.8	441.2	473.4	432.2	.
Brazil	916	881	58.4	27.3	11.9	2.3	0.9	4.1	425.5	412.4	410.9	386.0	392.8	442.1
Chile	168	146	24.3	49.4	24.3	2.0	1.5	11.0	454.4	461.7	443.3	470.4	488.3	447.5
Chinese Taipei	239	235	45.7	43.5	8.9	2.0	1.0	0.0	573.6	571.0	568.8	560.7	575.5	.
Cote d'Ivoire	372	187	50.7	35.1	11.2	3.1	0.0	50.5	199.0	165.0	160.0	164.0	.	184.4
Cyprus	775	686	45.4	34.0	18.1	2.5	0.3	10.7	467.9	452.9	474.3	457.1	414.3	470.3
Czech Republic	1348	1268	51.2	42.1	6.0	0.7	0.3	5.6	526.8	525.9	532.0	528.8	601.6	531.0
England	262	126	39.3	33.2	21.8	5.6	0.9	38.1	533.5	517.7	538.6	550.9	636.1	530.5
Finland	1239	1200	9.4	60.2	28.7	1.6	0.4	2.4	534.2	532.8	526.0	497.7	536.5	538.2
France	379	327	19.4	52.8	23.6	4.1	0.8	11.9	501.5	486.9	481.3	478.4	491.8	472.4
Georgia	936	922	48.4	44.2	6.7	0.7	1.7	0.1	450.8	445.6	443.5	443.0	432.4	497.7
Hong Kong SAR	185	117	47.7	46.3	5.5	0.5	0.0	34.9	536.8	529.5	504.1	607.0	.	519.7
Hungary	1086	914	37.5	48.9	11.9	1.7	1.4	13.6	521.3	520.1	530.8	557.0	498.7	519.1
Iran, Islamic Rep. of	224	222	69.2	24.6	3.0	3.3	0.9	0.0	422.2	415.7	411.9	392.0	380.3	.
Ireland	440	394	51.3	34.6	10.9	3.2	3.1	8.4	532.0	521.8	541.4	501.5	532.6	515.8
Israel	265	243	42.6	33.7	18.3	5.4	0.6	6.8	472.9	485.8	486.0	502.3	490.0	472.1
Italy	236	211	44.3	45.2	9.1	1.3	7.0	2.9	502.1	499.4	491.7	479.2	517.8	491.0
Japan	147	144	14.0	69.3	16.2	0.4	0.0	1.7	558.6	556.0	559.5	563.3	.	559.5
Jordan	225	220	48.9	43.1	5.3	2.7	2.1	0.0	413.4	407.6	440.1	432.7	409.1	.
Kazakhstan	1209	1170	63.9	34.2	1.3	0.7	2.4	0.6	451.2	427.6	416.5	406.1	458.2	431.4
Korea, Rep. of	243	235	46.2	45.5	7.7	0.6	1.2	2.8	545.8	545.7	546.3	532.6	541.8	535.1
Kuwait	157	154	77.0	19.0	1.7	2.3	1.2	1.1	423.5	421.0	362.4	420.5	279.1	372.6
Lithuania	1096	959	44.8	44.1	9.2	1.9	0.1	10.5	518.4	519.4	519.2	525.8	511.0	521.5
Malaysia	313	313	48.1	49.4	1.9	0.6	0.0	0.0	425.1	428.9	409.9	380.1	.	.
Malta	466	393	31.3	41.9	20.9	5.9	0.0	12.0	502.8	501.7	497.3	517.7	.	494.4
Morocco	511	485	39.4	42.6	13.7	4.3	1.5	2.2	329.8	324.4	319.3	333.7	341.9	346.5
New Zealand	211	136	24.7	33.5	27.5	14.3	0.0	38.6	503.6	497.4	504.6	473.0	.	508.7
Norway (9)	310	239	20.2	52.3	25.1	2.3	0.0	21.3	496.6	495.3	479.2	473.9	.	478.6
Oman	284	278	70.9	24.4	4.2	0.5	1.8	0.5	461.7	440.3	424.7	515.4	467.9	515.7
Palestinian Nat'l Auth.	199	187	58.7	35.4	3.4	2.5	2.4	2.9	398.9	384.1	375.8	384.1	428.0	374.9
Portugal	521	493	44.1	42.4	11.5	2.0	0.3	4.9	511.9	505.1	489.7	479.2	548.4	498.7
Qatar	242	234	70.2	22.8	4.3	2.7	0.3	1.8	481.2	477.3	498.3	487.8	434.6	485.4
Romania	429	320	75.3	21.3	3.0	0.4	0.9	23.1	470.8	470.3	465.1	460.5	494.0	450.7
Saudi Arabia	214	201	77.0	18.0	4.4	0.6	1.6	4.7	425.4	402.3	400.7	343.5	398.7	414.6
Singapore	345	344	51.5	36.5	10.7	1.4	0.2	0.0	617.7	591.5	611.6	532.2	527.4	.
South Africa (9)	288	218	46.3	37.7	12.0	4.0	0.7	29.3	374.3	357.2	359.9	360.5	327.5	355.4
Sweden	814	665	10.7	67.5	21.3	0.5	3.2	13.9	528.3	527.7	506.2	486.9	527.1	510.5
Turkiye	189	188	53.8	37.3	7.0	1.9	0.7	0.0	537.7	526.2	497.7	496.2	478.9	.
United Arab Emirates	1614	1403	68.9	24.0	5.6	1.4	0.7	11.5	494.3	465.8	456.8	429.0	483.5	501.0
United States	672	581	25.3	32.5	28.5	13.7	0.5	8.9	513.4	517.2	517.1	510.4	445.4	505.5
Uzbekistan	668	644	78.4	19.2	1.3	1.0	2.1	1.4	396.4	395.2	382.8	388.1	389.8	387.5
International Avg. (44)	23553	20774	46.9	38.4	11.8	2.8	1.3	10.2	476.4	468.2	465.3	463.7	468.6	467.7
Abu Dhabi, UAE	597	517	59.3	29.7	7.7	3.3	0.7	11.2	461.8	419.9	399.7	412.0	451.0	447.4
Dubai, UAE	432	363	67.8	26.1	5.6	0.5	0.3	11.5	556.0	523.5	561.9	547.7	610.6	540.5
Sharjah, UAE	307	268	78.6	17.5	3.9	0.0	1.2	14.0	493.4	496.2	448.4	.	496.2	538.1

Question: How often do you feel the following way about being a teacher? I am content with my profession as a teacher
Location: TQG-08a (BTBG08A)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	537	34.7	45.5	18.0	1.8	1.3	33.8	530.5	530.7	505.9	516.4	499.7	509.8
Austria	889	789	55.2	40.2	4.4	0.3	3.1	8.3	513.3	511.8	518.4	490.1	509.6	500.7
Azerbaijan	1140	949	65.8	29.5	4.6	0.2	2.6	12.4	411.4	409.4	401.4	448.6	423.1	415.2
Bahrain	223	222	75.6	18.3	5.4	0.7	0.4	0.0	452.8	440.7	476.7	434.9	465.9	.
Brazil	916	880	36.5	37.3	25.0	1.3	0.4	4.1	424.1	417.8	415.4	401.3	358.3	442.1
Chile	168	147	61.7	31.2	7.2	0.0	0.7	11.0	454.6	454.1	469.2	.	542.0	447.5
Chinese Taipei	239	238	44.4	37.2	16.4	2.0	0.3	0.0	574.8	569.0	572.1	544.1	661.7	.
Cote d'Ivoire	372	187	70.8	25.4	3.8	0.0	0.0	50.5	172.2	209.2	173.0	.	.	184.4
Cyprus	775	689	62.7	29.5	7.4	0.5	0.1	10.6	462.9	467.3	453.9	475.6	396.4	470.4
Czech Republic	1348	1267	40.7	48.2	10.8	0.3	0.3	5.7	529.1	525.6	522.6	545.6	578.3	531.0
England	262	126	37.7	38.7	23.5	0.0	0.9	38.1	530.8	542.0	510.7	487.9	636.1	530.5
Finland	1239	1200	33.2	51.7	14.3	0.8	0.3	2.4	531.0	530.6	529.0	531.4	518.6	538.2
France	379	328	35.3	43.7	19.8	1.3	0.4	11.9	492.7	484.9	487.2	480.9	494.9	472.4
Georgia	936	915	51.2	39.7	8.9	0.2	2.1	0.1	447.4	447.4	451.0	459.1	446.6	497.7
Hong Kong SAR	185	116	46.0	42.9	8.6	2.5	0.9	34.9	546.8	505.7	584.4	509.0	569.2	519.7
Hungary	1086	911	26.9	50.7	19.5	2.9	1.8	13.6	526.6	520.1	520.5	533.2	509.7	519.1
Iran, Islamic Rep. of	224	221	65.1	19.8	12.9	2.3	1.2	0.0	420.7	416.5	423.2	392.0	370.0	.
Ireland	440	401	53.6	29.4	14.2	2.8	1.1	8.4	528.4	533.0	513.8	563.9	527.6	515.8
Israel	265	244	56.4	32.8	10.4	0.3	0.6	6.8	478.6	482.2	496.6	439.6	442.6	472.1
Italy	236	212	41.5	48.3	8.7	1.5	6.7	2.9	503.5	497.5	490.5	514.3	519.2	491.0
Japan	147	144	27.9	47.3	23.5	1.3	0.0	1.7	553.1	559.7	552.9	612.0	.	559.5
Jordan	225	220	64.9	23.8	10.9	0.5	2.1	0.0	417.6	402.3	408.0	399.9	409.4	.
Kazakhstan	1209	1173	63.7	33.7	2.6	0.0	2.1	0.7	441.3	445.2	449.8	466.0	439.6	426.9
Korea, Rep. of	243	235	27.0	52.5	19.6	0.9	1.2	2.8	541.8	550.8	535.5	580.5	553.5	535.1
Kuwait	157	155	80.4	17.7	1.9	0.0	0.0	1.1	425.4	397.9	409.1	.	.	372.6
Lithuania	1096	955	29.6	50.6	18.9	1.0	0.3	10.7	521.2	519.0	515.7	519.7	518.7	521.3
Malaysia	313	312	64.0	31.7	4.3	0.0	0.3	0.0	427.3	424.5	433.2	.	339.3	.
Malta	466	391	43.6	35.8	17.3	3.3	0.3	12.3	514.9	496.7	494.0	454.4	427.9	491.8
Morocco	511	486	51.4	33.0	15.2	0.4	1.0	2.2	331.5	321.2	322.9	279.5	318.8	346.5
New Zealand	211	136	34.2	35.1	26.8	4.0	0.0	38.6	513.1	485.5	497.0	470.9	.	508.7
Norway (9)	310	238	37.2	50.1	12.3	0.4	0.3	21.3	496.9	489.8	478.7	500.6	465.5	478.6
Oman	284	279	38.1	53.6	7.6	0.8	0.7	0.5	464.8	450.2	436.8	465.1	527.2	515.7
Palestinian Nat'l Auth.	199	189	60.2	34.0	4.8	1.1	1.6	2.9	397.9	391.7	351.1	400.1	380.8	374.9
Portugal	521	490	28.0	37.4	30.9	3.7	0.9	4.9	513.9	500.7	505.7	495.1	526.0	498.7
Qatar	242	233	60.6	34.8	4.6	0.0	0.6	1.8	491.3	462.2	491.8	.	460.1	485.4
Romania	429	319	58.1	36.4	5.5	0.0	1.6	23.1	466.6	477.5	480.0	.	446.8	450.7
Saudi Arabia	214	200	80.5	16.9	2.6	0.0	2.1	4.7	420.3	422.0	374.2	.	415.3	414.6
Singapore	345	345	45.5	40.5	13.1	0.9	0.0	0.0	611.2	606.2	592.3	547.5	.	.
South Africa (9)	288	218	67.1	24.2	8.3	0.4	0.3	29.3	364.9	367.4	350.9	470.1	452.3	355.4
Sweden	814	661	41.7	49.6	8.2	0.5	3.7	13.9	524.2	521.0	534.3	476.4	521.2	510.5
Turkiye	189	189	60.7	31.7	7.2	0.4	0.0	0.0	540.2	511.6	519.8	503.4	.	.
United Arab Emirates	1614	1403	78.0	16.7	5.0	0.3	0.8	11.6	486.0	483.7	466.2	460.9	467.5	500.8
United States	672	582	37.8	36.5	23.2	2.4	0.4	8.9	516.7	511.9	518.4	511.6	445.3	505.5
Uzbekistan	668	644	76.8	17.4	5.5	0.2	2.4	1.4	395.6	398.4	397.7	379.0	380.4	387.5
International Avg. (44)	23553	20776	51.2	35.9	11.9	1.0	1.1	10.2	475.2	470.3	468.9	480.0	472.8	467.5
Abu Dhabi, UAE	597	518	74.6	18.0	7.0	0.4	0.7	11.4	444.4	453.9	403.5	394.0	424.3	447.7
Dubai, UAE	432	364	75.4	18.6	5.7	0.2	0.3	11.5	550.2	535.9	552.4	662.0	571.4	540.5
Sharjah, UAE	307	268	82.3	15.8	1.8	0.0	1.1	14.0	495.3	472.8	515.7	.	499.4	538.1

Question: How often do you feel the following way about being a teacher? I find my work full of meaning and purpose
Location: TQG-08b (BTBG08B)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	537	37.0	41.2	21.4	0.4	1.3	33.8	528.1	526.3	521.0	544.4	499.7	509.8
Austria	889	789	64.8	32.5	2.6	0.1	3.1	8.3	515.2	509.8	492.6	500.1	509.6	500.7
Azerbaijan	1140	941	70.9	27.4	1.7	0.1	3.6	12.4	412.7	405.5	395.9	449.0	419.0	415.2
Bahrain	223	222	86.7	8.9	4.0	0.4	0.4	0.0	453.4	432.5	468.4	362.1	465.9	.
Brazil	916	879	47.6	38.7	12.9	0.9	0.4	4.1	419.9	421.1	413.1	397.4	363.2	442.1
Chile	168	147	71.4	25.5	3.1	0.0	0.7	11.0	454.1	458.2	463.7	.	542.0	447.5
Chinese Taipei	239	238	43.4	38.5	17.5	0.6	0.3	0.0	572.6	568.5	576.4	546.8	661.7	.
Cote d'Ivoire	372	186	72.6	22.8	4.7	0.0	0.2	50.5	181.1	187.0	170.6	.	116.4	184.4
Cyprus	775	688	59.9	31.0	8.6	0.5	0.2	10.6	467.4	458.5	455.5	470.6	418.9	470.4
Czech Republic	1348	1266	34.8	46.8	18.1	0.4	0.4	5.7	531.1	524.4	523.3	556.7	589.4	531.0
England	262	126	42.9	43.0	13.5	0.6	0.9	38.1	535.3	530.6	514.6	519.5	636.1	530.5
Finland	1239	1200	41.2	49.1	9.2	0.5	0.3	2.4	533.0	529.8	522.3	544.4	518.6	538.2
France	379	328	45.4	43.2	11.5	0.0	0.4	11.9	492.0	484.3	486.5	.	494.9	472.4
Georgia	936	917	72.7	26.3	0.9	0.2	1.9	0.1	448.4	445.4	461.2	459.1	444.7	497.7
Hong Kong SAR	185	116	53.7	34.9	10.8	0.5	0.9	34.9	538.6	509.6	562.7	607.0	569.2	519.7
Hungary	1086	914	32.5	46.2	18.6	2.6	1.5	13.7	522.5	520.8	527.8	507.7	508.2	519.0
Iran, Islamic Rep. of	224	220	74.1	19.1	6.0	0.8	1.7	0.0	420.6	420.1	407.2	395.6	390.4	.
Ireland	440	401	48.4	38.7	11.6	1.4	1.1	8.4	535.5	522.5	523.8	505.6	527.6	515.8
Israel	265	244	64.0	29.1	6.9	0.0	0.6	6.8	476.6	485.9	508.2	.	442.6	472.1
Italy	236	212	65.3	31.5	1.6	1.7	6.7	2.9	498.8	503.9	487.2	463.0	519.2	491.0
Japan	147	144	28.6	50.7	19.0	1.6	0.0	1.7	557.2	555.7	555.6	607.2	.	559.5
Jordan	225	220	70.3	21.5	7.3	0.9	2.6	0.0	417.3	409.7	397.9	364.6	373.4	.
Kazakhstan	1209	1167	60.8	36.4	2.8	0.0	2.7	0.7	443.8	438.6	475.4	466.0	442.6	426.9
Korea, Rep. of	243	234	31.7	44.4	23.9	0.0	0.9	2.8	543.3	549.1	542.6	.	542.9	535.1
Kuwait	157	155	87.5	10.1	2.3	0.0	0.0	1.1	419.9	423.4	418.1	.	.	372.6
Lithuania	1096	954	46.4	44.5	8.7	0.5	0.3	10.7	522.4	516.4	514.0	532.5	517.9	521.3
Malaysia	313	312	66.0	30.6	3.4	0.0	0.3	0.0	426.1	423.7	464.1	.	339.3	.
Malta	466	391	40.6	40.9	14.2	4.3	0.3	12.3	511.7	503.2	489.2	458.3	427.9	491.8
Morocco	511	484	67.8	24.6	7.3	0.4	1.4	2.2	330.2	321.9	315.4	259.6	303.8	346.5
New Zealand	211	136	31.1	47.2	20.3	1.4	0.0	38.6	523.1	492.0	478.9	381.6	.	508.7
Norway (9)	310	238	46.3	43.1	10.7	0.0	0.3	21.3	496.4	488.6	478.8	.	465.5	478.6
Oman	284	279	39.2	57.3	3.5	0.0	0.7	0.5	461.0	452.5	425.5	.	527.2	515.7
Palestinian Nat'l Auth.	199	189	73.3	23.3	2.8	0.6	1.6	2.9	397.8	383.6	367.0	400.6	380.8	374.9
Portugal	521	490	47.9	33.7	16.3	2.2	0.9	4.9	509.3	503.8	501.0	493.2	526.0	498.7
Qatar	242	233	64.7	34.9	0.4	0.0	0.6	1.8	485.5	473.0	502.6	.	460.1	485.4
Romania	429	320	63.4	31.4	5.3	0.0	1.1	23.1	465.8	478.4	486.6	.	468.0	450.7
Saudi Arabia	214	200	96.8	3.2	0.0	0.0	2.1	4.7	420.9	376.3	.	.	415.3	414.6
Singapore	345	345	51.1	35.2	12.9	0.7	0.0	0.0	611.1	601.2	603.8	533.7	.	.
South Africa (9)	288	218	67.7	26.4	5.5	0.4	0.1	29.3	366.4	367.7	332.4	470.1	281.5	355.4
Sweden	814	665	63.7	29.0	7.4	0.0	3.4	13.9	524.8	517.4	533.2	.	519.3	510.5
Turkiye	189	188	70.1	25.3	3.8	0.8	0.4	0.0	536.8	514.4	503.9	456.8	592.6	.
United Arab Emirates	1614	1402	77.8	17.8	4.2	0.2	0.8	11.6	483.8	495.1	460.1	361.9	465.7	500.8
United States	672	582	41.2	39.6	18.3	0.9	0.4	8.9	516.9	510.0	524.3	482.3	445.3	505.5
Uzbekistan	668	641	77.0	19.6	3.2	0.2	2.8	1.4	397.2	394.3	389.9	376.7	377.4	387.5
International Avg. (44)	23553	20758	57.7	32.8	8.8	0.6	1.1	10.2	475.1	469.0	470.7	466.9	462.8	467.5
Abu Dhabi, UAE	597	518	72.4	20.4	6.6	0.6	0.7	11.4	447.0	445.4	400.0	361.9	424.3	447.7
Dubai, UAE	432	363	74.6	21.8	3.7	0.0	0.4	11.5	545.5	553.1	568.9	.	549.0	540.5
Sharjah, UAE	307	268	82.6	14.1	3.4	0.0	1.1	14.0	489.0	509.9	492.6	.	499.4	538.1

Question: How often do you have these feelings about being a teacher? I am enthusiastic about my job
Location: TQG-08c (BTBG08C)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	537	33.7	48.0	16.4	1.9	1.3	33.8	532.0	522.7	524.0	516.3	499.7	509.8
Austria	889	790	53.1	40.0	6.8	0.1	3.1	8.2	512.9	514.4	502.2	546.0	509.6	500.5
Azerbaijan	1140	939	72.2	25.9	2.0	0.0	3.7	12.4	411.2	408.3	411.0	.	419.0	415.2
Bahrain	223	222	72.8	23.5	3.0	0.7	0.4	0.0	454.7	438.1	490.2	434.9	465.9	.
Brazil	916	878	31.4	37.3	26.5	4.7	0.5	4.1	426.8	420.7	407.7	423.1	367.6	442.1
Chile	168	147	64.8	32.1	3.1	0.0	0.7	11.0	452.1	461.6	462.8	.	542.0	447.5
Chinese Taipei	239	237	39.9	37.9	21.6	0.6	1.0	0.0	576.0	570.0	568.3	546.8	567.8	.
Cote d'Ivoire	372	185	67.6	28.7	3.0	0.6	0.2	50.5	187.1	169.3	157.2	198.3	323.2	184.4
Cyprus	775	689	65.5	28.1	6.0	0.4	0.1	10.6	467.7	452.8	467.1	500.5	396.4	470.4
Czech Republic	1348	1265	27.6	50.2	21.9	0.3	0.4	5.7	530.2	526.3	522.5	570.8	583.3	531.0
England	262	126	43.7	40.1	15.6	0.6	0.9	38.1	529.7	533.4	524.8	519.5	636.1	530.5
Finland	1239	1198	26.6	52.7	20.1	0.5	0.4	2.4	532.5	531.4	525.2	569.5	485.7	537.6
France	379	327	25.9	46.7	26.2	1.1	0.7	11.9	497.5	482.0	489.6	478.1	496.2	472.4
Georgia	936	914	68.2	29.9	1.7	0.2	2.3	0.1	447.8	447.9	443.5	459.1	445.7	497.7
Hong Kong SAR	185	116	50.3	39.6	10.1	0.0	0.9	34.9	536.9	512.3	579.3	.	569.2	519.7
Hungary	1086	917	41.8	48.0	8.8	1.4	1.4	13.5	526.3	519.0	520.0	524.8	509.5	519.1
Iran, Islamic Rep. of	224	221	69.4	20.7	9.2	0.8	1.2	0.0	419.3	414.0	436.2	396.8	370.0	.
Ireland	440	401	55.9	36.2	7.8	0.1	1.1	8.4	534.0	526.9	498.5	530.1	527.6	515.8
Israel	265	244	48.2	35.8	15.8	0.2	0.6	6.8	472.8	482.5	506.9	397.7	442.6	472.1
Italy	236	212	47.7	40.7	9.7	1.9	6.7	2.9	502.3	495.2	500.9	519.4	519.2	491.0
Japan	147	144	21.3	57.5	17.3	3.9	0.0	1.7	557.4	555.4	558.4	570.7	.	559.5
Jordan	225	221	58.5	33.1	7.2	1.2	2.0	0.0	418.8	404.9	406.8	375.3	408.0	.
Kazakhstan	1209	1171	64.5	34.1	1.3	0.1	2.3	0.7	441.3	444.4	463.4	449.1	448.4	426.9
Korea, Rep. of	243	235	33.9	45.5	19.3	1.4	0.7	2.8	542.9	551.7	534.6	568.8	550.2	535.1
Kuwait	157	155	82.7	15.5	1.0	0.9	0.0	1.1	422.2	407.0	414.2	473.2	.	372.6
Lithuania	1096	956	29.4	48.9	20.6	1.0	0.2	10.7	525.4	517.7	513.8	508.9	514.1	521.3
Malaysia	313	312	59.8	35.3	4.9	0.0	0.3	0.0	429.8	420.2	435.2	.	339.3	.
Malta	466	393	40.2	43.4	13.4	3.0	0.0	12.0	515.1	496.5	491.5	455.6	.	494.4
Morocco	511	483	53.4	34.0	12.0	0.6	1.7	2.2	327.4	329.1	320.2	269.0	312.0	346.5
New Zealand	211	136	36.5	50.0	11.1	2.3	0.0	38.6	513.9	487.9	504.0	412.8	.	508.7
Norway (9)	310	237	34.4	53.2	12.0	0.4	0.6	21.3	497.5	488.2	487.4	446.9	476.2	478.6
Oman	284	279	38.0	52.0	9.0	1.0	0.7	0.5	465.4	450.4	441.4	409.9	527.2	515.7
Palestinian Nat'l Auth.	199	189	55.2	33.9	9.7	1.2	1.6	2.9	398.8	387.8	385.4	382.9	380.8	374.9
Portugal	521	490	25.1	35.4	34.0	5.5	0.9	4.9	516.9	500.8	502.4	507.0	526.0	498.7
Qatar	242	233	66.4	31.6	2.1	0.0	0.6	1.8	485.3	471.8	492.1	.	460.1	485.4
Romania	429	320	52.6	39.6	7.8	0.0	1.1	23.1	465.4	477.1	475.7	.	468.0	450.7
Saudi Arabia	214	200	86.1	12.4	1.5	0.0	2.1	4.7	419.6	414.9	445.4	.	415.3	414.6
Singapore	345	345	40.6	41.1	17.5	0.9	0.0	0.0	611.7	602.0	606.1	548.1	.	.
South Africa (9)	288	219	66.9	29.8	2.7	0.7	0.0	29.3	368.1	360.9	326.8	417.2	.	355.4
Sweden	814	661	39.5	45.0	13.4	2.1	3.7	13.9	520.8	525.8	515.6	561.2	521.2	510.5
Turkiye	189	189	61.2	27.9	10.9	0.0	0.0	0.0	535.8	520.8	517.0	.	.	.
United Arab Emirates	1614	1403	77.9	18.1	3.6	0.4	0.8	11.6	487.7	478.9	446.9	466.5	467.5	500.8
United States	672	582	37.7	38.8	22.5	1.0	0.4	8.9	515.3	514.0	517.0	521.3	445.3	505.5
Uzbekistan	668	642	75.3	22.6	1.8	0.3	2.7	1.4	397.1	393.8	387.6	379.5	382.2	387.5
International Avg. (44)	23553	20760	51.0	36.8	11.2	1.0	1.1	10.2	475.7	468.9	471.1	468.2	468.1	467.6
Abu Dhabi, UAE	597	518	75.5	18.1	5.9	0.5	0.7	11.4	449.5	431.4	402.0	378.2	424.3	447.7
Dubai, UAE	432	364	76.7	19.5	3.2	0.6	0.3	11.5	549.9	538.7	554.6	549.7	571.4	540.5
Sharjah, UAE	307	268	78.5	20.5	1.0	0.0	1.1	14.0	495.3	482.4	435.5	.	499.4	538.1

Question: How often do you have these feelings about being a teacher? My work inspires me
Location: TQG-08d (BTBG08D)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	537	30.7	44.6	22.2	2.5	1.3	33.8	533.2	522.8	523.0	516.2	499.7	509.8
Austria	889	789	40.3	42.9	16.2	0.6	3.2	8.2	512.9	514.3	508.2	527.5	511.1	500.5
Azerbaijan	1140	936	65.1	29.2	5.5	0.2	4.3	12.4	411.3	408.1	418.5	346.3	414.3	415.2
Bahrain	223	222	69.6	22.6	6.6	1.1	0.4	0.0	457.6	430.7	470.1	406.4	465.9	.
Brazil	916	877	39.2	38.5	21.0	1.3	0.5	4.1	422.8	417.3	417.4	407.5	359.1	442.1
Chile	168	147	59.8	35.0	5.2	0.0	0.7	11.0	453.2	460.1	450.6	.	542.0	447.5
Chinese Taipei	239	238	32.7	43.0	22.2	2.1	0.3	0.0	572.5	571.8	568.9	578.5	661.7	.
Cote d'Ivoire	372	185	81.0	15.1	3.9	0.0	0.2	50.5	182.5	179.3	158.8	.	323.2	184.4
Cyprus	775	689	62.1	28.5	8.6	0.8	0.1	10.6	467.6	452.8	470.6	466.0	396.4	470.4
Czech Republic	1348	1265	29.5	48.4	21.4	0.7	0.5	5.7	529.4	526.2	523.1	549.5	585.3	531.0
England	262	126	36.8	39.6	20.4	3.2	0.9	38.1	528.4	530.6	529.0	559.7	636.1	530.5
Finland	1239	1199	23.6	45.8	29.8	0.8	0.3	2.4	534.0	530.6	527.5	535.1	518.6	537.6
France	379	325	28.2	41.2	29.3	1.3	1.1	11.9	496.0	484.4	486.0	482.1	483.8	472.4
Georgia	936	915	51.1	41.2	7.3	0.5	2.3	0.1	448.2	447.2	450.1	439.9	441.9	497.7
Hong Kong SAR	185	116	40.9	46.9	11.7	0.5	0.9	34.9	532.5	528.6	536.0	607.0	569.2	519.7
Hungary	1086	916	35.7	49.1	13.7	1.5	1.4	13.6	523.7	521.0	522.0	530.5	509.5	519.1
Iran, Islamic Rep. of	224	221	68.3	21.3	8.8	1.6	1.2	0.0	420.7	416.7	420.1	405.8	370.0	.
Ireland	440	401	42.2	38.1	19.1	0.6	1.1	8.4	535.8	522.8	525.4	503.7	527.6	515.8
Israel	265	244	49.7	35.5	14.3	0.4	0.6	6.8	471.5	490.1	495.2	474.2	442.6	472.1
Italy	236	212	45.5	43.2	9.9	1.5	6.7	2.9	505.7	491.8	503.5	514.3	519.2	491.0
Japan	147	144	21.0	54.2	20.7	4.2	0.0	1.7	560.1	554.7	556.3	573.7	.	559.5
Jordan	225	219	57.8	31.5	10.2	0.6	2.6	0.0	418.3	409.0	398.7	384.8	396.2	.
Kazakhstan	1209	1167	56.7	38.9	4.4	0.0	2.5	0.7	442.6	441.2	456.4	466.0	448.1	425.7
Korea, Rep. of	243	235	29.3	42.6	26.2	1.9	0.7	2.8	542.5	547.8	545.6	547.7	550.2	535.1
Kuwait	157	153	75.6	19.0	3.5	1.9	0.8	1.1	421.5	417.7	369.6	466.2	471.3	372.6
Lithuania	1096	955	27.7	48.0	23.5	0.9	0.3	10.7	525.4	517.5	514.2	535.6	510.5	521.3
Malaysia	313	312	60.4	33.8	5.8	0.0	0.3	0.0	427.9	422.1	440.6	.	339.3	.
Malta	466	393	36.1	40.3	20.1	3.6	0.0	12.0	513.6	492.2	509.4	456.8	.	494.4
Morocco	511	482	50.8	33.1	14.4	1.7	2.0	2.2	329.6	322.9	329.3	311.5	301.5	346.5
New Zealand	211	135	28.5	40.7	27.6	3.1	1.8	38.6	518.2	489.2	502.4	416.1	451.3	508.7
Norway (9)	310	238	25.1	55.4	19.2	0.4	0.3	21.3	496.3	492.0	482.9	446.9	465.5	478.6
Oman	284	279	37.6	51.8	9.1	1.6	0.7	0.5	466.4	450.2	439.5	421.4	527.2	515.7
Palestinian Nat'l Auth.	199	189	51.2	36.3	10.7	1.8	1.6	2.9	400.0	391.6	372.3	379.3	380.8	374.9
Portugal	521	490	28.8	39.8	28.3	3.1	0.9	4.9	516.8	500.5	501.5	506.4	533.2	498.7
Qatar	242	233	59.1	37.2	3.7	0.0	0.6	1.8	484.6	472.4	515.2	.	460.1	485.4
Romania	429	319	54.1	40.2	5.7	0.0	1.3	23.1	466.4	476.5	475.3	.	460.8	450.7
Saudi Arabia	214	200	84.4	14.2	1.4	0.0	2.1	4.7	420.2	416.2	408.9	.	415.3	414.6
Singapore	345	344	39.9	37.0	22.3	0.7	0.2	0.0	607.7	610.1	600.7	535.2	458.9	.
South Africa (9)	288	218	58.1	34.4	6.8	0.7	0.3	29.3	361.5	377.8	329.4	417.2	340.3	355.4
Sweden	814	661	34.6	50.1	13.1	2.2	3.7	13.9	518.7	526.9	515.0	559.0	521.2	510.5
Turkiye	189	189	62.1	29.4	8.5	0.0	0.0	0.0	537.4	518.7	509.2	.	.	.
United Arab Emirates	1614	1399	73.5	19.4	6.5	0.6	0.9	11.6	483.3	494.4	466.0	532.5	462.7	500.8
United States	672	581	36.4	37.5	24.9	1.2	0.6	8.9	516.1	512.2	520.0	484.9	458.3	505.5
Uzbekistan	668	641	71.7	22.3	5.7	0.4	2.8	1.4	395.8	397.0	397.5	389.4	382.7	387.5
International Avg. (44)	23553	20736	47.6	37.2	14.1	1.2	1.2	10.2	475.2	470.4	469.5	477.9	466.2	467.5
Abu Dhabi, UAE	597	517	70.8	18.9	9.6	0.7	0.7	11.4	442.7	456.5	416.8	482.6	423.8	447.7
Dubai, UAE	432	363	68.8	23.9	6.0	1.3	0.4	11.5	547.6	544.4	562.8	564.7	549.0	540.5
Sharjah, UAE	307	267	77.6	18.6	3.8	0.0	1.2	14.0	493.4	490.2	476.7	.	493.2	538.1

Question: How often do you have these feelings about being a teacher? I am proud of the work I do
Location: TQG-08e (BTBG08E)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	535	46.8	42.0	9.2	1.9	1.3	33.8	533.3	522.3	506.3	516.5	500.4	509.8
Austria	889	789	51.1	34.4	13.3	1.2	3.1	8.3	513.6	514.4	505.2	528.5	509.3	500.1
Azerbaijan	1140	943	72.8	23.5	3.7	0.0	3.7	12.4	412.8	404.9	403.2	.	416.0	415.4
Bahrain	223	222	83.4	13.0	3.6	0.0	0.4	0.0	453.1	442.5	454.5	.	465.9	.
Brazil	916	877	57.4	34.7	7.4	0.5	0.7	4.1	420.6	422.2	397.1	425.9	359.9	442.1
Chile	168	146	68.9	26.4	4.7	0.0	1.1	11.0	454.3	456.4	462.1	.	528.1	447.5
Chinese Taipei	239	237	42.3	37.6	17.7	2.3	1.0	0.0	572.0	569.8	580.3	542.5	559.7	.
Cote d'Ivoire	372	187	72.5	26.9	0.6	0.0	0.0	50.5	179.3	190.0	85.6	.	.	184.4
Cyprus	775	688	62.8	31.9	4.6	0.7	0.2	10.6	466.9	458.3	450.9	488.1	421.3	470.4
Czech Republic	1348	1264	33.8	43.1	21.4	1.7	0.7	5.7	528.6	526.2	524.6	525.4	563.9	531.0
England	262	126	54.7	34.6	10.7	0.0	0.9	38.1	532.9	527.2	527.9	.	636.1	530.5
Finland	1239	1199	33.0	46.7	19.0	1.3	0.3	2.4	527.5	533.1	530.3	515.0	518.6	537.6
France	379	327	28.8	35.0	32.9	3.2	0.7	11.9	493.9	483.5	488.6	479.8	490.1	472.4
Georgia	936	916	57.4	32.0	9.9	0.6	2.1	0.1	447.5	448.0	447.9	464.1	443.3	497.7
Hong Kong SAR	185	115	44.9	38.4	16.2	0.5	1.7	34.9	527.6	533.2	531.2	607.0	578.4	519.7
Hungary	1086	911	36.9	46.0	14.1	3.0	1.7	13.7	522.1	523.6	516.8	526.2	514.4	519.3
Iran, Islamic Rep. of	224	219	68.6	17.8	10.8	2.8	2.2	0.0	416.5	424.2	434.2	409.0	392.3	.
Ireland	440	401	63.2	32.2	4.6	0.0	1.1	8.4	529.6	528.1	520.2	.	527.6	515.8
Israel	265	242	61.3	27.0	11.7	0.0	1.0	6.8	478.3	484.3	485.9	.	528.6	472.1
Italy	236	212	54.4	38.8	4.8	2.0	6.7	2.9	505.4	493.4	494.5	475.7	519.2	491.0
Japan	147	144	33.8	49.2	15.0	2.0	0.0	1.7	557.3	555.1	557.4	590.4	.	559.5
Jordan	225	219	72.4	21.1	6.0	0.5	2.3	0.0	417.8	398.1	406.2	392.3	408.9	.
Kazakhstan	1209	1171	65.5	31.6	2.8	0.0	2.3	0.7	442.4	442.1	462.2	466.0	438.7	426.9
Korea, Rep. of	243	235	32.9	40.1	25.1	1.9	0.7	2.8	541.9	547.7	546.2	560.5	550.2	535.1
Kuwait	157	155	90.9	8.4	0.7	0.0	0.0	1.1	422.0	398.8	449.0	.	.	372.6
Lithuania	1096	954	30.3	41.4	25.9	2.4	0.4	10.7	525.8	515.8	514.8	538.6	511.2	521.3
Malaysia	313	312	69.2	28.0	2.8	0.0	0.3	0.0	426.4	425.5	445.3	.	339.3	.
Malta	466	391	49.5	40.2	7.0	3.3	0.3	12.3	517.1	489.4	500.5	454.4	427.9	491.8
Morocco	511	484	71.4	20.9	7.4	0.3	1.4	2.2	328.2	324.3	323.1	272.8	303.8	346.5
New Zealand	211	136	45.1	45.0	9.9	0.0	0.0	38.6	509.8	486.6	490.5	.	.	508.7
Norway (9)	310	238	32.2	51.1	16.7	0.0	0.3	21.3	497.5	488.9	485.7	.	465.5	478.6
Oman	284	278	38.4	56.3	5.0	0.3	1.0	0.5	467.0	449.2	428.7	413.7	508.4	515.7
Palestinian Nat'l Auth.	199	189	67.5	25.8	5.5	1.2	1.6	2.9	398.5	388.2	361.8	382.9	380.8	374.9
Portugal	521	490	52.2	35.7	10.5	1.7	0.9	4.9	509.1	501.9	503.2	496.8	526.0	498.7
Qatar	242	233	66.3	31.9	1.8	0.0	0.6	1.8	485.5	472.1	480.7	.	460.1	485.4
Romania	429	318	59.7	34.2	6.1	0.0	1.5	23.1	467.0	473.0	496.7	.	468.6	450.7
Saudi Arabia	214	200	91.4	7.4	1.1	0.0	2.1	4.7	421.1	402.6	393.4	.	415.3	414.6
Singapore	345	344	50.7	36.3	13.1	0.0	0.1	0.0	610.6	607.4	586.4	.	495.3	.
South Africa (9)	288	219	68.6	26.1	4.9	0.4	0.0	29.3	365.8	366.8	339.4	470.1	.	355.4
Sweden	814	661	45.2	42.1	10.8	1.9	3.7	13.9	521.0	525.1	519.3	555.8	521.2	510.5
Turkiye	189	189	69.9	24.5	5.4	0.2	0.0	0.0	536.5	513.0	514.7	521.7	.	.
United Arab Emirates	1614	1402	81.2	15.9	2.8	0.1	0.7	11.6	485.2	491.0	433.4	394.5	471.1	500.8
United States	672	582	51.4	37.7	10.3	0.7	0.4	8.9	520.3	512.5	502.3	479.2	445.3	505.5
Uzbekistan	668	639	72.1	23.1	4.3	0.5	3.1	1.4	396.2	396.7	393.1	381.2	385.5	387.5
International Avg. (44)	23553	20739	56.9	32.6	9.6	0.9	1.2	10.2	474.7	469.5	465.5	478.4	473.6	467.5
Abu Dhabi, UAE	597	517	79.0	15.8	4.9	0.3	0.7	11.4	445.6	447.5	392.8	373.2	423.8	447.7
Dubai, UAE	432	363	79.7	18.5	1.9	0.0	0.4	11.5	548.5	544.8	556.8	.	549.0	540.5
Sharjah, UAE	307	268	80.8	18.3	0.7	0.2	1.1	14.0	493.8	488.1	419.5	448.3	499.4	538.1

Question: How often do you have these feelings about being a teacher? I feel appreciated as a teacher
Location: TQG-08f (BTBG08F)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	536	15.6	32.1	44.0	8.3	1.3	33.8	524.8	532.1	523.2	518.4	500.9	509.8
Austria	889	791	15.5	33.9	43.1	7.5	3.0	8.2	508.4	521.2	507.7	513.5	510.7	500.5
Azerbaijan	1140	941	44.3	33.2	20.1	2.4	4.0	12.4	414.3	407.2	410.1	403.2	410.3	415.2
Bahrain	223	221	58.9	25.0	10.9	5.2	1.6	0.0	459.7	434.9	444.1	471.5	417.4	.
Brazil	916	878	10.2	20.4	45.1	24.3	0.5	4.1	437.1	424.0	415.3	415.3	365.8	442.1
Chile	168	147	32.8	32.9	29.1	5.2	0.7	11.0	453.7	453.3	459.1	460.2	542.0	447.5
Chinese Taipei	239	238	24.7	35.3	34.2	5.8	0.3	0.0	573.1	576.5	567.3	560.3	661.7	.
Cote d'Ivoire	372	185	56.0	39.1	4.9	0.0	0.2	50.5	173.7	195.9	148.4	.	323.2	184.4
Cyprus	775	689	40.1	39.3	18.1	2.5	0.1	10.6	465.7	460.1	467.3	458.4	396.4	470.4
Czech Republic	1348	1265	10.0	34.2	47.4	8.4	0.5	5.7	533.5	526.4	524.5	531.5	585.3	531.0
England	262	126	17.1	27.3	41.8	13.8	0.9	38.1	535.4	530.4	529.4	527.0	636.1	530.5
Finland	1239	1199	20.2	48.5	29.8	1.6	0.3	2.4	528.7	531.0	531.9	513.1	518.6	537.6
France	379	327	12.5	22.0	40.3	25.3	0.7	11.9	490.9	488.6	485.9	489.6	490.1	472.4
Georgia	936	912	31.0	35.2	31.2	2.6	2.5	0.1	446.7	448.9	447.5	448.2	445.9	497.7
Hong Kong SAR	185	116	42.0	36.4	20.0	1.6	0.9	34.9	527.7	543.8	513.7	568.3	569.2	519.7
Hungary	1086	912	5.1	20.4	50.1	24.4	1.8	13.5	500.2	520.3	525.2	522.6	509.6	519.1
Iran, Islamic Rep. of	224	221	36.4	28.8	21.2	13.6	1.2	0.0	408.0	426.8	427.4	423.2	370.0	.
Ireland	440	400	18.8	40.1	37.5	3.6	1.4	8.4	533.8	527.1	526.9	536.2	533.2	515.8
Israel	265	244	52.0	32.5	14.1	1.4	0.6	6.8	479.0	488.2	481.0	422.6	442.6	472.1
Italy	236	212	29.4	52.1	16.9	1.6	6.7	2.9	497.2	500.7	500.4	499.2	519.2	491.0
Japan	147	144	10.9	54.0	30.1	5.0	0.0	1.7	553.3	555.6	559.8	562.6	.	559.5
Jordan	225	219	55.8	26.8	15.5	2.0	2.9	0.0	413.5	411.0	413.1	444.7	389.9	.
Kazakhstan	1209	1169	57.1	37.5	5.1	0.3	2.3	0.7	441.6	444.0	447.6	392.8	447.8	426.9
Korea, Rep. of	243	235	28.0	38.8	27.9	5.3	0.7	2.8	541.1	550.3	544.6	541.3	550.2	535.1
Kuwait	157	155	69.8	22.8	5.2	2.2	0.0	1.1	428.6	397.6	404.4	425.5	.	372.6
Lithuania	1096	954	22.0	41.3	34.6	2.1	0.4	10.7	519.0	520.1	517.1	532.9	512.2	521.3
Malaysia	313	312	43.0	40.7	15.9	0.3	0.3	0.0	423.3	428.7	431.5	378.7	339.3	.
Malta	466	391	18.1	32.3	39.2	10.4	0.3	12.3	520.3	509.5	493.2	487.1	427.9	491.8
Morocco	511	483	53.5	25.1	17.8	3.6	1.6	2.2	330.2	327.3	318.8	307.9	319.7	346.5
New Zealand	211	136	16.4	30.5	46.5	6.6	0.0	38.6	482.5	513.0	496.4	470.2	.	508.7
Norway (9)	310	237	12.3	37.5	44.3	5.9	0.6	21.3	502.4	488.6	491.1	482.6	489.2	478.6
Oman	284	279	37.7	49.6	11.5	1.1	0.7	0.5	465.7	452.9	430.8	426.9	527.2	515.7
Palestinian Nat'l Auth.	199	188	56.4	28.8	12.0	2.8	2.1	2.9	402.3	387.9	370.3	365.5	398.0	374.9
Portugal	521	489	5.1	17.9	51.0	26.0	1.1	4.9	506.4	519.1	503.9	499.9	522.6	498.7
Qatar	242	233	54.6	34.9	7.7	2.8	0.6	1.8	475.3	487.3	487.1	502.7	460.1	485.4
Romania	429	320	40.9	37.3	21.2	0.6	1.1	23.1	463.6	479.9	468.0	499.9	468.0	450.7
Saudi Arabia	214	200	72.3	16.9	9.5	1.4	2.1	4.7	422.3	422.7	395.3	397.3	415.3	414.6
Singapore	345	345	31.0	35.4	32.3	1.4	0.0	0.0	617.6	607.9	595.6	553.6	.	.
South Africa (9)	288	217	26.6	32.4	37.8	3.2	0.7	29.3	377.5	355.0	364.4	379.1	355.3	355.4
Sweden	814	661	30.6	43.8	24.6	1.1	3.7	13.9	518.3	526.4	522.6	544.8	521.2	510.5
Turkiye	189	189	46.3	25.9	24.3	3.6	0.0	0.0	535.1	525.3	524.2	523.2	.	.
United Arab Emirates	1614	1399	61.6	21.4	14.2	2.8	1.0	11.6	485.5	483.1	491.2	441.3	470.9	501.0
United States	672	582	16.4	25.6	45.0	13.1	0.4	8.9	519.2	517.3	512.6	515.2	445.3	505.5
Uzbekistan	668	637	64.0	26.8	8.6	0.7	3.4	1.4	398.6	391.4	392.8	379.3	388.9	387.5
International Avg. (44)	23553	20734	34.2	33.0	26.9	6.0	1.3	10.2	473.5	473.6	468.5	473.0	466.6	467.5
Abu Dhabi, UAE	597	515	53.3	24.0	18.2	4.6	0.9	11.5	452.6	445.3	429.7	371.9	424.2	448.8
Dubai, UAE	432	364	56.0	22.3	18.4	3.3	0.3	11.5	541.7	549.3	564.6	550.9	571.4	540.5
Sharjah, UAE	307	267	72.2	18.5	8.9	0.4	1.8	14.0	493.5	484.4	497.4	423.2	505.0	538.1

Question: How often do you have these feelings about being a teacher? I enjoy the challenges of teaching

Location: TQG-08g (BTBG08G)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	537	26.9	42.5	26.4	4.2	1.3	33.8	533.5	523.2	523.1	521.5	499.7	509.8
Austria	889	791	38.7	49.1	11.9	0.4	3.0	8.2	515.4	514.5	496.4	541.6	510.7	500.5
Azerbaijan	1140	941	43.6	36.0	17.7	2.6	3.6	12.4	408.9	410.9	413.7	408.8	418.4	415.2
Bahrain	223	222	67.0	23.1	9.7	0.2	0.4	0.0	458.2	429.4	457.3	642.2	465.9	.
Brazil	916	877	36.4	41.7	20.9	1.1	1.0	4.1	427.4	411.9	420.7	417.5	380.0	442.1
Chile	168	147	63.1	32.6	4.3	0.0	0.7	11.0	452.7	460.9	454.9	.	542.0	447.5
Chinese Taipei	239	238	32.7	44.2	21.5	1.6	0.3	0.0	578.9	571.0	561.5	570.9	661.7	.
Cote d'Ivoire	372	187	74.5	21.0	3.4	1.1	0.0	50.5	182.9	172.7	207.1	186.5	.	184.4
Cyprus	775	689	53.5	34.8	10.3	1.5	0.1	10.6	465.2	458.1	472.8	471.2	396.4	470.4
Czech Republic	1348	1266	32.6	51.0	15.8	0.6	0.4	5.7	527.1	526.7	526.4	510.3	589.4	531.0
England	262	126	25.5	44.8	29.1	0.6	0.9	38.1	530.1	528.5	533.7	519.5	636.1	530.5
Finland	1239	1200	19.9	43.1	34.8	2.2	0.3	2.4	531.8	529.7	529.9	543.8	518.6	538.2
France	379	326	24.7	45.3	27.7	2.4	1.0	11.9	497.2	481.6	491.8	471.9	491.0	472.4
Georgia	936	912	36.5	42.8	20.0	0.7	2.6	0.1	447.4	448.1	447.3	444.6	449.6	497.7
Hong Kong SAR	185	116	44.4	37.6	18.0	0.0	0.9	34.9	542.5	515.5	537.2	.	569.2	519.7
Hungary	1086	913	28.4	53.4	16.7	1.5	1.8	13.5	523.4	521.9	521.9	516.6	512.8	519.1
Iran, Islamic Rep. of	224	221	54.0	30.8	13.0	2.3	1.2	0.0	417.6	415.6	441.3	396.5	370.0	.
Ireland	440	401	41.9	38.1	19.9	0.0	1.1	8.4	535.5	525.6	520.2	524.5	527.6	515.8
Israel	265	244	44.0	37.3	17.8	1.0	0.6	6.8	472.8	479.2	507.8	482.6	442.6	472.1
Italy	236	212	46.0	43.7	8.8	1.5	6.7	2.9	500.4	498.3	499.7	514.3	519.2	491.0
Japan	147	144	34.1	42.9	22.2	0.9	0.0	1.7	556.7	555.6	556.1	652.8	.	559.5
Jordan	225	220	52.0	27.9	16.7	3.3	2.8	0.0	415.4	413.4	406.0	381.1	434.2	.
Kazakhstan	1209	1163	33.9	41.1	23.3	1.7	3.0	0.7	455.2	441.9	427.6	425.3	442.5	425.7
Korea, Rep. of	243	235	33.2	38.0	27.4	1.4	0.7	2.8	543.9	548.1	544.3	547.7	550.2	535.1
Kuwait	157	155	77.7	19.8	1.4	1.1	0.0	1.1	421.7	409.4	443.1	477.4	.	372.6
Lithuania	1096	954	24.8	49.4	24.4	1.3	0.5	10.7	522.9	517.8	518.3	507.0	517.4	521.3
Malaysia	313	312	41.7	43.1	15.2	0.0	0.3	0.0	428.7	424.7	426.5	.	339.3	.
Malta	466	391	23.8	39.5	31.8	4.9	0.3	12.3	510.2	509.5	492.5	479.0	427.9	491.8
Morocco	511	482	46.7	35.1	16.4	1.9	1.9	2.2	332.6	322.4	318.4	317.2	331.2	346.5
New Zealand	211	136	21.6	53.1	23.9	1.4	0.0	38.6	516.2	494.6	493.7	381.6	.	508.7
Norway (9)	310	237	32.6	56.1	10.9	0.4	0.6	21.3	494.6	489.1	492.7	444.9	483.5	478.6
Oman	284	278	40.7	45.1	12.8	1.4	1.3	0.5	461.5	450.9	446.6	446.5	520.9	515.7
Palestinian Nat'l Auth.	199	189	47.4	36.3	13.9	2.4	1.6	2.9	399.8	391.0	378.9	395.4	380.8	374.9
Portugal	521	489	49.5	34.8	14.5	1.2	1.1	4.9	511.3	499.2	504.4	483.9	519.6	498.7
Qatar	242	233	58.0	29.5	11.6	0.8	0.6	1.8	487.8	478.0	462.8	387.8	460.1	485.4
Romania	429	320	62.9	34.3	2.3	0.5	1.1	23.1	467.5	476.8	480.7	442.0	468.0	450.7
Saudi Arabia	214	200	69.7	24.7	5.6	0.0	2.1	4.7	423.8	406.0	423.7	.	415.3	414.6
Singapore	345	345	30.0	42.0	25.4	2.6	0.0	0.0	617.8	605.7	593.7	600.5	.	.
South Africa (9)	288	219	38.6	37.5	21.6	2.3	0.0	29.3	380.8	357.3	351.9	356.2	.	355.4
Sweden	814	661	38.1	50.1	10.3	1.5	3.7	13.9	525.8	522.0	512.7	570.4	521.2	510.5
Turkiye	189	189	36.0	37.9	22.0	4.1	0.0	0.0	539.3	530.0	524.5	466.1	.	.
United Arab Emirates	1614	1401	70.6	22.7	6.3	0.4	0.8	11.6	485.5	482.1	483.4	485.7	465.3	500.8
United States	672	582	29.6	39.0	28.7	2.7	0.4	8.9	511.7	519.5	513.6	510.4	445.3	505.5
Uzbekistan	668	640	51.5	20.2	23.2	5.2	2.9	1.4	397.3	394.9	393.8	401.7	381.4	387.5
International Avg. (44)	23553	20741	42.7	38.5	17.3	1.6	1.2	10.2	476.3	469.6	471.7	471.1	475.8	467.5
Abu Dhabi, UAE	597	517	65.3	25.5	8.7	0.5	0.7	11.4	444.4	444.0	432.0	425.2	423.8	447.7
Dubai, UAE	432	363	69.5	23.6	6.2	0.6	0.4	11.5	547.7	542.4	572.7	549.7	543.8	540.5
Sharjah, UAE	307	268	73.6	22.1	4.2	0.0	1.1	14.0	494.2	485.2	492.0	.	499.4	538.1

Question: Indicate the extent to which you agree or disagree with each of the following statements. There are too many students in the classes
Location: TQG-09a (BTBG09A)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	534	31.2	35.8	26.7	6.3	1.5	33.8	529.8	520.3	531.1	513.6	512.3	509.8
Austria	889	792	30.1	41.5	20.8	7.6	3.0	8.3	515.0	511.6	511.2	515.2	510.6	500.6
Azerbaijan	1140	942	35.4	35.9	15.5	13.2	3.3	12.4	421.5	400.2	409.3	412.8	412.3	415.1
Bahrain	223	220	28.3	43.1	17.9	10.7	1.1	0.0	440.9	440.2	474.3	482.9	525.2	.
Brazil	916	877	48.2	34.5	11.4	5.9	2.2	4.1	421.1	419.3	400.2	438.9	413.3	442.1
Chile	168	147	38.8	35.4	24.9	1.0	0.7	11.0	460.1	453.7	449.1	495.6	542.0	447.5
Chinese Taipei	239	238	20.6	43.5	29.4	6.5	0.3	0.0	583.1	570.3	568.8	556.1	661.7	.
Cote d'Ivoire	372	187	51.4	20.1	19.3	9.1	0.0	50.5	166.0	177.7	196.1	247.8	.	184.4
Cyprus	775	688	45.1	34.4	12.7	7.8	0.2	10.6	461.6	468.7	451.1	473.3	422.7	470.4
Czech Republic	1348	1269	25.7	40.4	29.4	4.5	0.2	5.6	534.0	526.9	520.7	526.4	555.3	531.0
England	262	126	32.0	54.9	8.4	4.7	0.9	38.1	533.4	531.4	522.8	510.7	636.1	530.5
Finland	1239	1201	23.6	38.3	29.7	8.3	0.2	2.4	538.4	530.3	527.7	519.1	513.8	538.2
France	379	328	69.0	22.1	7.7	1.3	0.5	11.9	491.1	486.4	461.1	511.1	496.4	472.4
Georgia	936	920	39.0	34.0	14.1	12.8	1.6	0.1	441.7	447.1	457.7	457.3	443.2	497.7
Hong Kong SAR	185	116	15.8	53.3	25.6	5.3	0.9	34.9	507.0	541.0	528.5	556.4	443.5	519.7
Hungary	1086	914	22.0	37.3	30.0	10.8	1.3	13.6	538.8	525.7	513.1	503.4	498.4	519.2
Iran, Islamic Rep. of	224	221	60.1	23.8	9.1	7.0	1.4	0.0	418.7	426.3	408.3	409.0	428.3	.
Ireland	440	401	14.7	37.3	30.0	18.1	1.1	8.4	536.4	524.8	527.6	532.2	527.6	515.8
Israel	265	243	59.6	27.7	9.7	3.0	1.2	6.8	497.1	464.5	432.4	476.5	488.1	472.1
Italy	236	211	38.9	35.6	22.5	3.0	7.0	2.9	501.7	496.1	499.5	511.3	519.7	491.0
Japan	147	144	29.4	32.1	33.2	5.2	0.0	1.7	567.2	556.3	546.4	569.9	.	559.5
Jordan	225	222	44.1	35.3	16.9	3.7	1.4	0.0	396.5	424.9	422.2	459.3	382.1	.
Kazakhstan	1209	1162	17.2	34.8	40.0	8.0	3.2	0.7	457.0	438.8	430.4	487.4	452.5	429.8
Korea, Rep. of	243	235	44.9	36.4	14.9	3.8	1.3	2.8	553.6	542.3	535.5	529.8	529.6	535.1
Kuwait	157	155	34.9	37.5	18.4	9.2	0.0	1.1	413.5	408.0	432.3	471.6	.	372.6
Lithuania	1096	954	54.9	30.9	5.5	8.6	0.3	10.7	523.9	518.1	498.2	505.6	506.0	521.3
Malaysia	313	313	33.4	43.1	20.8	2.7	0.0	0.0	422.1	427.4	425.8	468.9	.	.
Malta	466	391	11.7	34.5	37.3	16.5	0.3	12.3	474.4	492.7	511.8	523.4	427.9	491.8
Morocco	511	487	57.2	21.5	7.8	13.5	1.2	2.2	318.9	314.1	357.3	359.6	339.3	346.5
New Zealand	211	136	40.9	33.2	18.4	7.5	0.0	38.6	495.1	517.0	472.4	484.7	.	508.7
Norway (9)	310	239	36.7	38.5	21.0	3.8	0.0	21.3	490.8	492.3	489.8	487.4	.	478.6
Oman	284	278	57.8	27.9	10.8	3.6	1.7	0.5	449.8	465.7	445.1	472.0	507.2	515.7
Palestinian Nat'l Auth.	199	187	62.2	25.9	8.2	3.7	2.4	2.9	389.7	399.8	393.1	402.0	407.1	374.9
Portugal	521	490	46.8	31.5	13.5	8.2	0.9	4.9	512.3	505.4	491.9	491.8	526.7	498.7
Qatar	242	234	23.1	32.4	20.6	23.9	0.3	1.8	484.7	468.5	499.8	478.9	434.6	485.4
Romania	429	318	43.0	37.9	10.2	9.0	1.5	23.4	481.7	464.4	467.5	455.5	456.5	450.1
Saudi Arabia	214	196	43.0	30.0	17.5	9.4	4.3	4.7	406.0	427.4	430.6	433.9	418.7	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	61.2	20.4	10.7	7.7	0.5	29.3	342.9	392.9	404.6	420.8	286.3	355.4
Sweden	814	667	28.0	42.2	22.1	7.8	3.4	13.9	515.8	527.8	519.4	532.5	527.1	510.5
Turkiye	189	188	23.3	29.8	21.0	25.9	0.4	0.0	514.7	532.3	539.2	532.8	454.0	.
United Arab Emirates	1614	1404	24.9	38.5	20.3	16.3	0.6	11.6	463.0	477.6	502.5	512.2	452.8	500.7
United States	672	578	24.2	40.0	23.8	12.0	0.6	8.9	517.8	513.9	519.0	506.3	479.8	505.5
Uzbekistan	668	648	39.9	41.1	9.2	9.8	1.8	1.4	389.5	396.6	400.4	414.5	390.1	387.5
International Avg. (43)	23553	20419	37.5	35.0	19.0	8.5	1.3	10.5	467.9	469.0	468.0	480.2	473.8	467.6
Abu Dhabi, UAE	597	519	24.2	38.5	19.4	17.8	0.6	11.4	416.4	425.3	472.3	486.5	403.2	447.7
Dubai, UAE	432	365	26.0	39.6	20.0	14.4	0.1	11.5	538.1	542.3	558.8	566.2	621.6	540.5
Sharjah, UAE	307	265	19.8	40.0	25.3	15.0	1.4	14.1	451.6	494.1	502.4	524.5	483.2	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too much material to cover in class
Location: TQG-09b (BTBG09B)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	535	28.2	47.7	22.9	1.2	1.4	33.8	523.3	523.4	532.2	563.6	503.8	509.8
Austria	889	792	23.0	42.4	29.8	4.8	2.9	8.3	511.3	515.3	510.0	517.8	508.1	500.6
Azerbaijan	1140	936	23.9	39.9	23.5	12.7	3.9	12.4	414.5	410.5	405.4	414.1	412.8	415.1
Bahrain	223	220	35.7	36.9	17.8	9.5	1.5	0.0	446.9	444.9	455.8	484.3	488.8	.
Brazil	916	877	53.1	36.3	7.5	3.1	2.2	4.1	421.3	416.4	394.6	475.6	411.7	442.1
Chile	168	147	24.8	49.6	23.0	2.7	0.7	11.0	457.4	458.7	447.2	448.1	542.0	447.5
Chinese Taipei	239	237	20.2	47.9	27.9	4.1	1.0	0.0	583.5	566.2	572.3	577.5	567.8	.
Cote d'Ivoire	372	183	22.9	42.4	22.0	12.7	1.1	50.5	150.5	175.1	189.4	243.1	197.2	184.4
Cyprus	775	686	50.3	35.5	11.4	2.8	0.7	10.6	456.9	460.6	489.4	509.8	481.3	470.4
Czech Republic	1348	1268	13.6	48.7	35.2	2.4	0.3	5.6	540.0	526.5	521.9	530.1	575.5	531.0
England	262	126	49.1	33.0	16.0	1.9	0.9	38.1	536.7	515.8	540.9	529.1	636.1	530.5
Finland	1239	1199	13.1	38.8	42.2	5.8	0.3	2.4	529.3	533.4	530.5	516.6	472.0	537.6
France	379	327	47.9	34.7	16.0	1.4	0.9	11.9	490.4	486.6	487.2	461.6	479.1	472.4
Georgia	936	919	22.9	47.2	23.1	6.8	1.9	0.1	443.3	448.6	451.2	445.4	443.4	497.7
Hong Kong SAR	185	116	23.9	51.0	24.0	1.0	0.9	34.9	542.3	521.5	547.0	589.6	443.5	519.7
Hungary	1086	915	51.4	34.6	10.4	3.7	1.4	13.5	528.1	517.0	519.1	502.8	501.0	519.1
Iran, Islamic Rep. of	224	222	57.9	32.3	7.5	2.3	0.9	0.0	418.2	414.0	453.2	391.4	433.5	.
Ireland	440	401	24.4	43.6	24.2	7.8	1.1	8.4	524.0	529.7	526.9	543.1	527.6	515.8
Israel	265	243	43.7	36.1	14.1	6.0	1.2	6.8	477.6	475.7	497.1	502.9	488.1	472.1
Italy	236	211	27.3	41.7	22.9	8.1	7.0	2.9	512.8	493.3	496.3	495.5	519.7	491.0
Japan	147	144	12.2	38.6	42.7	6.5	0.0	1.7	560.6	550.3	561.1	562.0	.	559.5
Jordan	225	221	48.4	33.3	14.5	3.8	1.7	0.0	418.6	414.3	401.7	378.4	387.4	.
Kazakhstan	1209	1161	18.3	46.3	30.6	4.8	3.3	0.7	457.3	437.8	436.7	472.7	444.5	429.8
Korea, Rep. of	243	235	24.4	44.4	25.3	5.9	1.3	2.8	549.5	546.6	544.1	533.1	529.6	535.1
Kuwait	157	154	12.3	35.0	36.1	16.6	1.2	1.1	416.0	411.8	426.3	438.6	279.1	372.6
Lithuania	1096	954	31.5	49.3	15.1	4.0	0.3	10.7	523.1	517.7	516.4	515.3	506.0	521.3
Malaysia	313	313	26.8	53.2	18.9	1.1	0.0	0.0	441.4	419.2	423.0	466.8	.	.
Malta	466	394	51.2	36.1	11.1	1.6	0.0	11.7	496.0	515.1	496.0	457.9	.	492.6
Morocco	511	482	51.9	32.4	9.8	5.8	2.2	2.2	322.2	327.4	331.3	364.2	295.7	346.5
New Zealand	211	135	22.1	35.7	36.2	6.1	0.2	38.6	504.7	492.3	500.0	490.8	408.7	508.7
Norway (9)	310	239	24.0	47.7	25.7	2.6	0.0	21.3	491.7	492.1	491.7	459.1	.	478.6
Oman	284	278	61.3	29.8	6.5	2.4	1.7	0.5	453.2	455.2	450.3	494.0	507.2	515.7
Palestinian Nat'l Auth.	199	187	56.9	36.0	5.0	2.1	2.4	2.9	388.8	397.7	410.4	388.9	407.1	374.9
Portugal	521	489	45.0	41.3	10.4	3.3	1.1	4.9	506.0	504.3	506.9	518.0	519.4	498.7
Qatar	242	234	17.1	31.0	30.7	21.2	0.3	1.8	481.1	472.8	493.5	475.7	434.6	485.4
Romania	429	317	52.2	33.5	7.8	6.6	1.6	23.4	479.2	465.5	452.9	460.8	456.8	450.1
Saudi Arabia	214	197	58.4	34.7	5.7	1.2	3.7	4.7	422.0	413.4	425.9	429.9	419.7	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	23.7	38.6	25.9	11.8	0.5	29.3	348.8	352.6	392.1	384.3	286.3	355.4
Sweden	814	667	22.6	53.6	21.5	2.3	3.4	13.9	521.8	524.1	521.8	518.9	527.1	510.5
Turkiye	189	188	8.2	28.8	32.8	30.2	0.4	0.0	522.6	531.0	532.4	527.7	454.0	.
United Arab Emirates	1614	1401	26.5	42.4	20.3	10.8	0.8	11.6	454.2	489.0	494.5	524.6	446.3	500.7
United States	672	580	23.6	37.3	29.4	9.7	0.5	8.9	513.5	511.1	523.2	511.0	464.2	505.5
Uzbekistan	668	644	26.3	52.6	12.5	8.6	2.5	1.4	395.8	392.6	401.5	408.4	391.7	387.5
International Avg. (43)	23553	20392	32.6	40.3	20.8	6.3	1.4	10.5	469.2	466.7	472.1	477.3	456.4	467.6
Abu Dhabi, UAE	597	518	29.5	41.3	18.8	10.4	0.6	11.4	410.0	451.8	445.7	498.6	404.1	447.7
Dubai, UAE	432	364	21.4	45.3	22.9	10.4	0.3	11.5	517.4	554.8	555.8	567.4	455.6	540.5
Sharjah, UAE	307	265	26.6	39.0	21.8	12.6	1.4	14.1	469.0	487.0	502.6	540.8	483.2	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too many teaching hours
Location: TQG-09c (BTBG09C)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	535	35.0	32.1	28.9	4.0	1.4	33.8	524.0	532.1	520.1	533.8	503.8	509.8
Austria	889	789	9.2	24.4	40.0	26.5	3.0	8.3	516.0	513.3	510.9	514.5	507.1	500.9
Azerbaijan	1140	931	6.4	15.4	31.6	46.7	4.4	12.4	411.6	408.7	410.1	412.4	406.9	415.1
Bahrain	223	220	23.8	34.1	28.9	13.2	1.0	0.0	446.1	438.6	460.5	471.0	540.2	.
Brazil	916	876	30.2	32.6	26.2	11.1	2.3	4.1	419.1	416.0	417.8	432.0	412.5	442.1
Chile	168	147	29.0	37.1	27.4	6.5	0.7	11.0	451.0	458.0	454.0	467.4	542.0	447.5
Chinese Taipei	239	235	11.8	30.7	42.8	14.8	1.6	0.0	569.1	575.2	571.7	564.3	600.0	.
Cote d'Ivoire	372	186	16.9	24.4	34.2	24.6	0.3	50.5	169.9	158.3	178.8	218.4	119.2	184.4
Cyprus	775	687	29.5	35.0	24.1	11.5	0.4	10.6	466.6	460.2	464.1	466.5	413.4	470.4
Czech Republic	1348	1265	5.9	28.4	51.7	14.0	0.6	5.6	533.2	526.2	525.9	528.2	558.2	531.0
England	262	126	38.2	36.9	18.8	6.2	0.9	38.1	530.9	528.4	533.0	530.6	636.1	530.5
Finland	1239	1200	9.0	20.5	51.0	19.5	0.3	2.4	534.9	526.2	532.8	526.7	522.3	538.2
France	379	326	10.6	28.2	51.2	10.0	1.1	11.9	494.2	487.8	482.9	507.9	496.2	472.4
Georgia	936	918	3.5	19.1	42.4	35.0	1.9	0.1	447.9	447.6	448.2	447.3	445.0	497.7
Hong Kong SAR	185	116	23.9	37.4	34.0	4.7	0.9	34.9	508.9	534.6	547.8	541.4	443.5	519.7
Hungary	1086	914	33.3	27.5	22.5	16.6	1.6	13.5	526.9	524.2	516.4	517.4	512.6	519.1
Iran, Islamic Rep. of	224	221	15.9	39.7	23.8	20.6	1.2	0.0	421.9	424.7	407.1	419.7	417.4	.
Ireland	440	401	12.1	24.0	46.1	17.8	1.1	8.4	532.8	527.2	527.7	530.3	527.6	515.8
Israel	265	242	25.7	28.2	22.6	23.5	1.4	6.8	461.3	479.2	484.6	502.6	478.2	472.1
Italy	236	211	0.9	4.5	54.4	40.1	7.0	2.9	481.4	493.7	500.7	498.9	519.7	491.0
Japan	147	144	17.1	41.1	33.7	8.1	0.0	1.7	556.5	559.3	558.5	539.5	.	559.5
Jordan	225	222	37.4	43.6	15.2	3.7	1.4	0.0	406.2	424.3	396.6	421.1	382.1	.
Kazakhstan	1209	1156	2.2	16.7	61.9	19.2	3.5	0.7	471.6	451.2	431.6	468.1	443.5	429.8
Korea, Rep. of	243	235	42.2	40.7	12.7	4.4	1.3	2.8	549.7	546.8	536.2	529.9	529.6	535.1
Kuwait	157	155	21.8	29.8	32.2	16.2	0.0	1.1	393.6	402.2	428.1	473.5	.	372.6
Lithuania	1096	951	15.8	29.0	27.0	28.2	0.7	10.7	529.9	523.1	516.1	512.1	503.9	521.3
Malaysia	313	312	21.0	48.9	28.1	2.0	0.4	0.0	430.9	424.3	424.4	464.2	401.1	.
Malta	466	394	29.4	36.2	26.3	8.0	0.0	11.7	485.7	497.5	525.3	509.3	.	492.6
Morocco	511	482	37.3	37.3	18.1	7.3	1.9	2.2	320.3	321.3	338.6	358.8	310.3	346.5
New Zealand	211	136	11.0	37.9	45.8	5.2	0.0	38.6	502.6	493.2	497.5	515.8	.	508.7
Norway (9)	310	239	15.8	38.1	33.6	12.5	0.0	21.3	493.8	488.1	490.8	497.2	.	478.6
Oman	284	278	38.6	39.2	17.8	4.4	1.7	0.5	452.8	450.4	458.6	490.9	507.2	515.7
Palestinian Nat'l Auth.	199	187	56.8	32.8	8.8	1.5	2.4	2.9	386.7	400.8	405.8	389.0	407.1	374.9
Portugal	521	489	32.0	41.6	18.0	8.4	1.1	4.9	509.9	499.5	508.8	514.5	519.4	498.7
Qatar	242	231	13.1	29.4	30.1	27.4	1.4	1.8	495.8	493.7	458.6	486.5	455.5	485.4
Romania	429	317	13.2	35.6	19.7	31.4	1.6	23.4	480.0	466.6	476.4	469.8	458.6	450.1
Saudi Arabia	214	196	47.3	40.2	11.1	1.5	4.2	4.7	421.2	416.3	422.2	429.3	416.4	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	15.4	35.3	36.0	13.3	0.5	29.3	345.9	363.2	374.6	371.2	286.3	355.4
Sweden	814	664	21.1	33.2	37.0	8.8	3.8	13.9	511.2	521.5	532.0	516.5	530.3	510.5
Turkiye	189	187	5.5	23.9	37.2	33.4	0.8	0.0	532.0	521.1	538.8	526.0	478.9	.
United Arab Emirates	1614	1400	26.3	30.4	28.2	15.1	0.8	11.6	466.1	476.5	493.0	518.8	438.6	500.7
United States	672	580	9.8	30.8	43.9	15.5	0.5	8.9	501.3	519.9	515.5	513.8	464.2	505.5
Uzbekistan	668	640	5.4	27.0	24.8	42.8	2.9	1.4	388.1	394.5	397.0	397.1	391.8	387.5
International Avg. (43)	23553	20359	21.1	31.6	31.4	15.9	1.5	10.5	467.0	467.8	470.2	477.8	461.2	467.6
Abu Dhabi, UAE	597	517	28.1	28.8	27.9	15.1	0.8	11.4	417.7	425.5	456.5	502.1	375.0	447.7
Dubai, UAE	432	365	29.9	32.7	23.9	13.4	0.1	11.5	535.5	548.0	557.4	558.8	621.6	540.5
Sharjah, UAE	307	263	16.9	27.0	37.9	18.1	1.8	14.1	451.1	481.0	503.1	526.2	477.1	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I need more time to prepare for class
Location: TQG-09d (BTBG09D)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	535	53.4	34.7	9.4	2.4	1.4	33.8	524.4	530.7	510.4	549.9	503.8	509.8
Austria	889	789	14.9	35.9	36.2	13.0	3.2	8.3	514.0	515.4	511.9	506.6	511.8	500.6
Azerbaijan	1140	929	19.3	34.5	27.9	18.3	4.5	12.3	410.2	408.0	413.1	412.7	412.9	415.3
Bahrain	223	219	33.4	34.6	20.7	11.2	2.5	0.0	454.1	447.5	435.7	485.3	464.3	.
Brazil	916	874	42.6	37.2	15.5	4.7	2.5	4.1	420.9	419.1	407.9	442.1	412.0	442.1
Chile	168	143	53.8	33.5	11.9	0.8	3.3	11.0	454.0	462.2	440.5	437.7	485.4	447.5
Chinese Taipei	239	237	18.2	46.4	31.1	4.3	0.4	0.0	581.2	571.5	567.6	560.8	629.6	.
Cote d'Ivoire	372	187	25.3	40.6	14.1	19.9	0.0	50.5	166.2	163.6	216.9	212.9	.	184.4
Cyprus	775	686	25.2	38.5	27.5	8.9	0.4	10.7	470.1	463.2	458.3	465.2	420.7	469.8
Czech Republic	1348	1267	10.6	49.2	36.2	4.0	0.4	5.6	531.8	526.5	525.9	524.1	566.9	531.0
England	262	126	43.3	42.3	12.6	1.8	0.9	38.1	532.7	527.6	531.4	531.9	636.1	530.5
Finland	1239	1200	6.8	28.8	52.1	12.3	0.3	2.4	533.9	534.3	528.6	527.6	527.8	538.2
France	379	326	21.3	47.1	29.1	2.5	1.2	11.9	493.4	487.2	482.9	510.6	504.7	472.4
Georgia	936	911	12.1	43.0	29.4	15.5	2.6	0.1	444.7	447.3	451.9	444.4	442.2	497.7
Hong Kong SAR	185	116	33.7	51.8	11.5	3.0	0.9	34.9	516.9	542.6	526.2	582.7	443.5	519.7
Hungary	1086	916	32.4	44.0	18.7	4.8	1.3	13.5	530.1	522.3	516.0	496.4	500.2	519.1
Iran, Islamic Rep. of	224	222	32.8	33.4	20.3	13.5	0.9	0.0	420.1	411.5	420.3	431.8	433.5	.
Ireland	440	401	29.9	48.3	17.1	4.7	1.1	8.4	526.0	530.4	529.8	524.4	527.6	515.8
Israel	265	243	29.6	38.8	26.4	5.2	1.2	6.8	483.1	477.9	482.2	489.9	488.1	472.1
Italy	236	211	14.2	39.0	33.0	13.9	7.0	2.9	509.0	492.9	506.7	491.4	519.7	491.0
Japan	147	144	42.6	42.9	13.9	0.5	0.0	1.7	557.6	556.4	557.5	532.5	.	559.5
Jordan	225	221	33.8	43.4	15.8	6.9	1.6	0.0	415.5	416.0	391.7	431.7	391.8	.
Kazakhstan	1209	1159	12.4	52.9	25.9	8.7	3.4	0.7	447.0	431.9	450.1	481.9	440.4	429.8
Korea, Rep. of	243	235	40.4	47.4	10.4	1.9	1.3	2.8	552.0	542.8	539.5	527.3	529.6	535.1
Kuwait	157	154	19.5	31.4	27.1	22.0	0.1	1.1	410.8	401.5	410.1	467.2	511.7	372.6
Lithuania	1096	950	33.2	47.4	14.5	4.9	0.4	11.0	522.1	518.5	521.6	496.8	514.1	521.3
Malaysia	313	312	35.7	54.1	9.6	0.6	0.4	0.0	429.1	425.2	423.0	441.5	398.2	.
Malta	466	394	43.2	43.2	10.3	3.4	0.0	11.7	494.0	507.8	529.6	454.2	.	492.6
Morocco	511	486	40.4	36.3	15.4	7.9	1.2	2.2	322.8	326.6	325.1	348.8	322.5	346.5
New Zealand	211	136	28.6	42.3	29.1	0.0	0.0	38.6	487.4	510.5	488.3	.	.	508.7
Norway (9)	310	239	31.2	38.9	24.4	5.4	0.0	21.3	491.9	487.9	492.7	501.5	.	478.6
Oman	284	277	41.0	45.6	10.5	2.9	1.9	0.5	453.3	448.1	470.1	517.8	499.3	515.7
Palestinian Nat'l Auth.	199	187	31.6	51.7	14.5	2.1	2.4	2.9	388.5	390.9	410.0	397.9	407.1	374.9
Portugal	521	489	54.3	35.7	7.4	2.6	1.1	4.9	504.4	504.2	521.5	511.6	519.4	498.7
Qatar	242	234	18.9	38.7	16.6	25.8	0.3	1.8	471.6	482.8	490.9	479.5	434.6	485.4
Romania	429	318	22.4	45.9	21.9	9.9	1.5	23.4	476.8	469.8	470.7	467.3	456.5	450.1
Saudi Arabia	214	194	18.8	41.7	29.2	10.2	5.0	4.7	435.3	412.9	415.1	425.1	424.7	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	23.9	40.5	26.4	9.2	0.5	29.3	353.9	367.1	369.8	378.4	286.3	355.4
Sweden	814	666	30.0	39.5	26.7	3.8	3.5	13.9	524.5	521.0	525.1	518.3	525.4	510.5
Turkiye	189	187	7.3	38.9	32.6	21.2	0.8	0.0	530.6	531.7	525.3	533.5	478.9	.
United Arab Emirates	1614	1401	28.2	39.9	18.4	13.6	0.8	11.6	465.1	484.5	485.3	523.7	474.2	500.7
United States	672	580	37.3	37.5	18.8	6.4	0.5	8.9	521.7	515.2	513.7	481.8	464.2	505.5
Uzbekistan	668	640	28.8	43.8	14.9	12.5	2.9	1.4	394.7	394.1	396.4	404.8	389.9	387.5
International Avg. (43)	23553	20359	29.2	41.4	21.3	8.1	1.5	10.5	469.0	468.1	469.5	475.0	471.0	467.6
Abu Dhabi, UAE	597	518	30.2	36.6	22.1	11.0	0.6	11.4	433.2	432.9	447.8	495.5	404.1	447.7
Dubai, UAE	432	364	26.2	43.3	15.4	15.1	0.7	11.5	525.9	551.8	556.3	568.6	514.9	540.5
Sharjah, UAE	307	263	23.1	38.7	20.0	18.2	1.9	14.1	466.7	493.5	490.1	524.2	490.6	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I need more time to assist individual students
Location: TQG-09e (BTBG09E)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	535	73.8	22.2	2.4	1.6	1.4	33.8	525.7	521.5	550.5	555.7	503.8	509.8
Austria	889	792	43.8	45.6	9.2	1.4	2.9	8.3	503.7	518.1	531.8	500.8	509.2	500.9
Azerbaijan	1140	931	34.3	42.0	16.2	7.5	4.1	12.5	407.5	413.0	407.5	420.4	411.4	415.1
Bahrain	223	220	45.8	33.4	15.6	5.2	1.9	0.0	447.3	455.9	441.4	486.4	480.3	.
Brazil	916	875	55.6	33.2	8.6	2.5	2.2	4.1	419.5	418.3	414.8	437.6	412.4	442.1
Chile	168	147	59.2	35.0	5.8	0.0	0.7	11.0	456.4	453.0	461.1	.	542.0	447.5
Chinese Taipei	239	238	38.8	45.7	13.0	2.5	0.3	0.0	568.4	568.4	595.5	553.4	661.7	.
Cote d'Ivoire	372	187	61.2	27.5	7.4	3.9	0.0	50.5	170.6	214.3	171.1	144.8	.	184.4
Cyprus	775	688	60.8	32.5	5.4	1.3	0.2	10.6	462.6	460.3	493.4	468.4	422.7	470.4
Czech Republic	1348	1268	18.6	62.8	17.8	0.7	0.3	5.6	521.5	526.3	533.7	535.5	575.5	531.0
England	262	125	57.1	38.3	4.5	0.0	1.3	38.1	537.4	519.4	536.1	.	599.3	530.5
Finland	1239	1201	39.9	49.5	8.8	1.7	0.2	2.4	531.1	532.4	517.9	526.9	513.8	538.2
France	379	328	68.5	29.7	1.5	0.4	0.5	11.9	486.2	491.7	482.3	551.1	496.4	472.4
Georgia	936	921	17.5	62.9	14.1	5.5	1.3	0.1	444.0	448.9	447.4	444.4	458.3	497.7
Hong Kong SAR	185	116	54.5	43.5	2.0	0.0	0.9	34.9	523.5	543.0	588.2	.	443.5	519.7
Hungary	1086	915	48.5	43.7	5.9	1.9	1.4	13.6	529.2	519.3	499.9	482.8	508.9	519.1
Iran, Islamic Rep. of	224	222	63.0	29.3	4.5	3.1	0.9	0.0	422.3	411.8	408.3	431.6	433.5	.
Ireland	440	401	58.4	34.7	5.3	1.6	1.1	8.4	525.9	536.1	506.7	540.5	527.6	515.8
Israel	265	240	55.4	31.2	10.9	2.5	2.2	6.8	481.5	476.3	496.3	502.4	451.1	472.1
Italy	236	211	37.0	51.8	9.2	2.0	7.0	2.9	504.4	495.4	507.3	478.8	519.7	491.0
Japan	147	144	38.6	54.4	7.1	0.0	0.0	1.7	553.8	558.9	558.9	.	.	559.5
Jordan	225	220	53.1	38.2	8.0	0.7	2.3	0.0	406.7	426.5	387.1	449.6	401.7	.
Kazakhstan	1209	1166	18.3	56.7	20.7	4.3	2.8	0.7	455.0	433.2	452.5	467.7	446.3	429.8
Korea, Rep. of	243	234	52.1	40.2	6.2	1.4	1.6	2.8	547.8	545.1	542.5	506.7	538.2	535.1
Kuwait	157	155	38.6	44.7	11.5	5.3	0.0	1.1	411.2	411.9	444.0	505.4	.	372.6
Lithuania	1096	953	42.6	45.8	9.6	2.1	0.5	10.7	521.6	515.7	524.0	515.1	525.3	521.3
Malaysia	313	313	50.1	45.6	3.4	1.0	0.0	0.0	430.7	421.3	433.2	420.0	.	.
Malta	466	393	59.1	34.6	4.1	2.3	0.3	11.7	498.6	509.1	490.1	509.6	562.7	492.6
Morocco	511	486	71.1	22.3	3.0	3.6	1.2	2.2	322.3	329.4	337.3	383.3	322.5	346.5
New Zealand	211	136	65.4	26.6	8.0	0.0	0.0	38.6	496.6	512.6	453.3	.	.	508.7
Norway (9)	310	239	67.8	27.7	2.5	1.9	0.0	21.3	490.4	490.7	485.8	526.1	.	478.6
Oman	284	273	54.0	39.7	5.5	0.7	3.3	0.5	458.3	448.9	456.6	528.8	469.5	515.7
Palestinian Nat'l Auth.	199	186	60.7	33.4	4.7	1.2	2.9	2.9	389.9	393.3	415.1	465.2	403.7	374.9
Portugal	521	489	78.7	19.5	1.3	0.5	1.1	4.9	504.0	508.9	551.8	536.1	519.4	498.7
Qatar	242	233	29.9	37.1	17.6	15.3	1.0	1.8	481.0	480.2	480.6	487.1	430.4	485.4
Romania	429	318	53.9	33.2	9.9	3.0	1.5	23.4	476.3	467.5	464.3	448.4	456.5	450.1
Saudi Arabia	214	194	39.2	46.2	10.3	4.3	5.9	4.7	425.3	415.1	415.6	437.4	407.5	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	72.7	23.3	3.1	0.9	0.5	29.3	355.6	386.1	445.0	384.5	286.3	355.4
Sweden	814	664	59.0	36.3	4.4	0.3	3.5	13.9	520.5	526.2	537.6	459.2	523.5	510.5
Turkiye	189	188	33.7	48.1	12.7	5.5	0.4	0.0	529.2	521.2	555.9	548.3	454.0	.
United Arab Emirates	1614	1399	42.6	38.3	11.8	7.3	1.0	11.6	469.1	490.3	494.1	535.1	429.9	500.6
United States	672	580	48.8	41.4	6.5	3.3	0.5	8.9	516.0	517.7	524.6	453.6	464.2	505.5
Uzbekistan	668	646	48.7	36.9	8.6	5.8	2.1	1.4	395.1	393.8	395.3	415.8	394.4	387.5
International Avg. (43)	23553	20388	50.5	38.7	8.1	2.7	1.5	10.5	468.0	470.4	475.3	474.9	473.2	467.6
Abu Dhabi, UAE	597	515	47.4	34.5	11.5	6.6	1.4	11.5	424.9	444.4	469.3	532.2	387.7	447.8
Dubai, UAE	432	364	43.1	40.8	9.4	6.8	0.2	11.5	542.3	553.2	540.2	565.2	496.7	540.5
Sharjah, UAE	307	265	34.4	38.0	17.1	10.5	1.4	14.1	466.1	496.7	503.3	544.8	483.2	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I feel too much pressure from parents
Location: TQG-09f (BTBG09F)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	534	6.3	25.5	51.3	16.9	1.4	33.8	532.7	536.8	523.8	513.2	502.7	509.8
Austria	889	790	4.0	18.4	54.6	23.0	3.0	8.3	536.0	538.0	512.5	490.1	507.1	500.6
Azerbaijan	1140	937	5.3	11.9	25.9	56.9	3.7	12.4	406.2	415.8	413.1	409.1	411.7	415.1
Bahrain	223	220	10.5	11.3	47.6	30.6	1.5	0.0	453.4	447.6	436.0	473.8	524.6	.
Brazil	916	876	7.5	28.3	38.6	25.6	2.3	4.1	430.9	439.1	408.6	409.7	411.4	442.1
Chile	168	147	11.5	27.4	52.7	8.4	0.7	11.0	460.5	472.3	449.3	432.2	542.0	447.5
Chinese Taipei	239	238	7.9	23.9	51.5	16.7	0.3	0.0	583.9	589.4	567.1	553.7	661.7	.
Cote d'Ivoire	372	187	1.7	14.8	31.1	52.3	0.0	50.5	183.5	176.3	175.5	186.7	.	184.4
Cyprus	775	687	9.9	29.0	44.6	16.5	0.5	10.6	477.9	468.9	459.8	455.2	476.4	470.4
Czech Republic	1348	1268	5.8	27.2	54.0	13.0	0.3	5.6	524.8	527.4	527.0	525.2	575.5	531.0
England	262	126	2.5	24.2	63.6	9.6	0.9	38.1	510.6	537.2	530.6	516.8	636.1	530.5
Finland	1239	1201	4.0	19.3	57.5	19.2	0.2	2.4	528.2	533.6	530.3	528.3	513.8	538.2
France	379	328	8.9	23.5	54.6	13.0	0.5	11.9	514.4	490.4	487.1	469.8	496.4	472.4
Georgia	936	915	4.1	11.8	37.2	46.9	2.0	0.1	452.5	447.4	450.3	445.5	445.2	497.7
Hong Kong SAR	185	116	12.4	28.2	49.5	9.9	0.9	34.9	557.8	526.9	531.6	528.9	443.5	519.7
Hungary	1086	916	11.8	30.8	44.0	13.3	1.4	13.6	532.1	530.1	519.2	506.7	499.7	519.0
Iran, Islamic Rep. of	224	222	9.6	26.0	32.3	32.2	0.9	0.0	427.7	421.4	413.9	419.1	433.5	.
Ireland	440	399	6.0	22.0	46.3	25.7	1.4	8.4	535.9	539.6	526.2	522.0	529.8	515.8
Israel	265	242	9.6	26.9	44.4	19.1	1.6	6.8	496.0	480.8	479.7	480.6	455.5	472.1
Italy	236	211	7.5	22.1	52.5	17.8	7.0	2.9	499.5	504.9	499.9	491.6	519.7	491.0
Japan	147	143	4.5	25.4	58.6	11.5	0.9	1.7	575.5	548.2	558.9	557.5	577.7	559.5
Jordan	225	218	16.0	33.9	38.3	11.8	2.8	0.0	401.9	404.6	418.3	432.1	414.7	.
Kazakhstan	1209	1159	2.2	8.6	56.1	33.1	3.2	0.7	459.7	445.6	430.5	461.1	447.9	429.8
Korea, Rep. of	243	234	15.5	38.0	34.2	12.2	1.6	2.8	559.9	549.2	541.3	530.8	533.2	535.1
Kuwait	157	155	6.9	24.9	33.5	34.6	0.0	1.1	390.6	421.5	399.4	445.4	.	372.6
Lithuania	1096	951	9.9	32.9	34.8	22.4	0.5	10.7	533.4	523.0	518.1	508.5	515.2	521.3
Malaysia	313	313	1.3	16.1	63.8	18.8	0.0	0.0	420.8	447.6	421.7	424.5	.	.
Malta	466	393	9.7	25.2	47.1	18.0	0.0	12.0	504.4	508.3	506.7	480.0	.	494.4
Morocco	511	485	6.1	10.1	38.5	45.3	1.3	2.2	334.9	321.6	331.5	322.5	318.9	346.5
New Zealand	211	136	1.1	19.7	60.0	19.1	0.0	38.6	562.8	520.1	499.0	465.1	.	508.7
Norway (9)	310	239	5.2	26.8	49.8	18.1	0.0	21.3	486.3	488.6	494.3	487.0	.	478.6
Oman	284	276	5.1	24.2	53.4	17.4	2.2	0.5	453.3	449.3	454.4	463.2	491.1	515.7
Palestinian Nat'l Auth.	199	184	5.8	33.9	45.6	14.7	3.7	2.9	397.1	382.0	398.0	396.7	420.3	374.9
Portugal	521	489	10.8	36.8	38.0	14.4	1.1	4.9	513.8	512.3	503.6	488.8	519.4	498.7
Qatar	242	234	4.5	12.5	40.7	42.3	0.3	1.8	527.1	474.3	491.9	468.0	434.6	485.4
Romania	429	317	15.7	39.1	25.3	19.9	1.9	23.4	486.4	470.5	472.6	461.8	441.6	450.1
Saudi Arabia	214	196	7.3	19.3	37.0	36.4	4.2	4.7	431.3	411.2	412.8	427.6	422.0	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	218	5.4	12.6	46.6	35.4	0.5	29.3	344.5	372.1	378.1	350.4	286.3	355.4
Sweden	814	667	5.7	22.9	53.2	18.2	3.4	13.9	539.0	529.9	521.1	514.7	527.1	510.5
Turkiye	189	188	4.2	25.8	43.0	27.0	0.4	0.0	544.8	530.8	528.8	528.2	454.0	.
United Arab Emirates	1614	1400	6.6	22.4	38.5	32.5	1.0	11.6	486.3	474.7	478.1	498.7	468.6	500.7
United States	672	579	5.4	17.7	48.7	28.2	1.0	8.9	544.8	536.3	516.3	496.6	430.3	505.5
Uzbekistan	668	645	7.4	19.2	24.5	48.9	2.2	1.4	392.9	390.0	397.0	398.0	393.8	387.5
International Avg. (43)	23553	20379	7.2	23.3	45.2	24.4	1.5	10.5	477.6	472.9	467.8	464.3	477.9	467.6
Abu Dhabi, UAE	597	518	4.7	22.0	37.4	35.8	0.6	11.4	454.0	418.2	432.0	468.8	404.1	447.7
Dubai, UAE	432	363	8.0	25.2	36.8	30.0	0.9	11.5	537.1	542.9	548.6	554.9	536.6	540.5
Sharjah, UAE	307	264	6.2	24.7	38.3	30.8	1.7	14.1	481.0	482.6	484.9	512.7	470.7	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have difficulty keeping up with all of the changes to the curriculum
Location: TQG-09g (BTB09G)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	533	17.6	33.1	38.6	10.6	1.4	33.8	519.8	529.0	523.8	533.6	505.4	509.8
Austria	889	790	5.5	22.1	47.8	24.6	3.0	8.3	520.4	510.9	512.2	514.3	508.1	500.9
Azerbaijan	1140	933	6.8	21.1	25.6	46.4	4.1	12.4	404.6	414.1	407.5	412.5	406.7	415.1
Bahrain	223	221	8.3	12.8	30.2	48.7	0.9	0.0	447.2	439.6	449.6	455.8	529.6	.
Brazil	916	878	7.6	34.4	29.6	28.4	2.3	4.1	404.3	429.3	414.4	415.6	415.0	442.1
Chile	168	147	2.9	17.0	50.4	29.7	0.7	11.0	500.2	447.7	453.6	458.6	542.0	447.5
Chinese Taipei	239	238	2.1	13.8	48.3	35.8	0.3	0.0	574.7	569.9	570.0	574.1	661.7	.
Cote d'Ivoire	372	187	3.7	17.2	30.3	48.8	0.0	50.5	147.2	153.6	184.3	192.4	.	184.4
Cyprus	775	687	7.0	20.3	36.1	36.7	0.3	10.6	462.4	465.2	463.3	463.4	428.2	470.4
Czech Republic	1348	1268	0.9	14.5	63.7	20.9	0.3	5.6	503.7	533.7	526.9	522.6	575.5	531.0
England	262	125	7.1	23.4	51.6	17.9	1.0	38.1	514.4	536.3	524.5	546.8	608.5	530.5
Finland	1239	1201	9.7	38.0	42.9	9.4	0.2	2.4	528.8	532.0	528.5	535.1	513.8	538.2
France	379	327	12.7	29.9	49.9	7.6	0.9	11.9	496.5	488.9	482.8	506.7	479.1	472.4
Georgia	936	913	4.6	32.5	33.7	29.2	2.2	0.1	438.7	446.0	454.7	443.1	444.6	497.7
Hong Kong SAR	185	116	11.6	40.0	37.6	10.8	0.9	34.9	563.1	533.5	516.2	559.8	443.5	519.7
Hungary	1086	914	9.6	32.8	41.1	16.5	1.4	13.6	539.8	522.3	520.7	516.6	500.2	519.1
Iran, Islamic Rep. of	224	222	11.2	27.5	28.8	32.5	0.9	0.0	418.6	416.6	425.7	414.9	433.5	.
Ireland	440	401	11.2	34.7	35.5	18.6	1.1	8.4	537.3	528.7	523.5	533.5	527.6	515.8
Israel	265	243	10.1	35.8	30.4	23.7	1.2	6.8	499.7	484.2	482.8	466.7	488.1	472.1
Italy	236	211	2.2	18.6	56.9	22.3	7.0	2.9	481.6	504.1	500.8	494.1	519.7	491.0
Japan	147	144	11.8	34.6	44.7	8.9	0.0	1.7	539.9	559.7	557.8	564.6	.	559.5
Jordan	225	220	15.0	32.8	25.2	27.0	1.7	0.0	385.3	417.5	413.5	422.9	390.2	.
Kazakhstan	1209	1160	2.3	17.8	57.6	22.3	3.3	0.7	468.9	433.0	432.9	472.5	448.3	429.8
Korea, Rep. of	243	235	15.4	36.5	35.0	13.2	1.3	2.8	550.5	545.9	546.3	539.6	529.6	535.1
Kuwait	157	155	4.4	21.7	28.3	45.6	0.0	1.1	374.1	402.2	412.4	438.1	.	372.6
Lithuania	1096	952	11.1	50.9	27.3	10.7	0.6	10.7	521.9	518.0	521.6	515.6	497.8	521.3
Malaysia	313	313	7.0	43.6	38.0	11.4	0.0	0.0	442.3	423.1	426.2	430.2	.	.
Malta	466	394	35.2	41.3	18.4	5.1	0.0	11.7	495.0	511.1	507.8	461.4	.	492.6
Morocco	511	485	7.6	24.9	33.0	34.4	1.6	2.2	309.7	328.0	323.6	332.0	324.9	346.5
New Zealand	211	136	29.8	47.2	21.1	1.9	0.0	38.6	503.4	483.6	519.5	502.9	.	508.7
Norway (9)	310	239	9.0	37.0	37.6	16.4	0.0	21.3	478.0	495.1	491.7	487.7	.	478.6
Oman	284	276	9.5	31.6	36.5	22.4	2.2	0.5	460.8	451.6	453.9	457.7	487.7	515.7
Palestinian Nat'l Auth.	199	187	5.3	27.6	34.3	32.7	2.4	2.9	395.6	379.6	399.0	397.9	407.1	374.9
Portugal	521	489	4.2	26.7	38.2	30.9	1.1	4.9	508.6	502.9	506.5	507.0	519.4	498.7
Qatar	242	233	2.9	12.9	25.8	58.4	0.5	1.8	446.5	488.3	501.0	472.5	465.1	485.4
Romania	429	317	4.6	27.0	22.3	46.0	1.8	23.4	474.1	465.9	476.8	471.0	469.7	450.1
Saudi Arabia	214	196	5.9	19.5	29.0	45.6	4.3	4.7	435.9	395.4	425.7	423.3	420.4	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	217	7.8	18.5	36.4	37.4	0.6	29.3	335.2	354.6	364.7	378.1	321.9	355.4
Sweden	814	667	2.9	12.5	52.9	31.7	3.4	13.9	502.7	531.3	526.2	516.2	527.1	510.5
Turkiye	189	188	1.2	10.4	28.5	59.9	0.4	0.0	505.0	513.1	524.0	536.0	454.0	.
United Arab Emirates	1614	1400	6.5	19.4	33.0	41.0	0.9	11.6	467.2	477.2	480.7	494.9	432.3	500.7
United States	672	578	8.0	26.1	47.1	18.8	0.6	8.9	550.8	506.3	517.7	505.8	475.9	505.5
Uzbekistan	668	643	9.9	32.4	20.7	37.1	2.5	1.4	388.6	391.8	394.7	401.9	395.1	387.5
International Avg. (43)	23553	20379	8.6	27.3	36.7	27.4	1.4	10.5	466.1	466.5	469.5	471.9	474.9	467.6
Abu Dhabi, UAE	597	516	6.3	17.8	35.4	40.5	1.2	11.4	415.6	430.9	438.2	458.3	394.9	447.7
Dubai, UAE	432	365	6.1	24.6	31.9	37.3	0.1	11.5	523.5	526.2	558.8	556.9	621.6	540.5
Sharjah, UAE	307	265	7.0	15.8	34.6	42.5	1.4	14.1	492.1	474.5	476.7	511.7	483.2	537.7

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too many administrative tasks
Location: TQG-09h (BTBG09H)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	535	56.9	30.5	9.7	2.9	1.4	33.8	527.9	519.9	531.8	527.5	503.8	509.8
Austria	889	791	40.4	35.4	17.5	6.7	3.0	8.3	516.2	513.8	510.4	494.9	508.1	500.6
Azerbaijan	1140	933	12.4	29.5	32.5	25.5	4.0	12.4	410.2	407.5	412.9	412.7	409.1	415.1
Bahrain	223	221	19.8	21.3	32.9	26.0	0.9	0.0	464.3	425.8	444.2	470.7	529.6	.
Brazil	916	877	19.5	30.0	30.4	20.1	2.5	4.1	423.3	419.0	421.5	412.6	407.8	442.1
Chile	168	147	26.1	46.4	24.0	3.5	0.7	11.0	454.0	454.4	459.9	449.7	542.0	447.5
Chinese Taipei	239	237	9.9	23.1	41.2	25.9	1.0	0.0	566.2	579.2	574.2	563.9	567.8	.
Cote d'Ivoire	372	187	1.5	20.2	21.5	56.8	0.0	50.5	153.8	177.2	165.8	190.0	.	184.4
Cyprus	775	688	12.7	21.6	32.1	33.6	0.2	10.6	482.0	471.8	462.2	452.7	422.7	470.4
Czech Republic	1348	1267	33.1	41.1	22.3	3.5	0.4	5.6	526.2	523.6	532.4	534.1	565.5	531.0
England	262	126	43.6	40.6	14.8	1.0	0.9	38.1	523.8	532.1	544.8	533.6	636.1	530.5
Finland	1239	1199	13.2	33.9	34.6	18.3	0.6	2.4	534.5	534.3	530.8	520.4	515.5	538.2
France	379	328	32.2	40.4	24.7	2.7	0.5	11.9	496.7	478.5	491.1	498.8	496.4	472.4
Georgia	936	919	13.4	29.5	30.1	27.0	1.8	0.1	451.9	446.8	452.0	442.2	444.6	497.7
Hong Kong SAR	185	116	38.1	37.7	22.1	2.1	0.9	34.9	533.7	531.3	532.2	571.0	443.5	519.7
Hungary	1086	919	47.4	36.8	12.6	3.1	1.1	13.6	526.0	520.5	519.6	498.8	500.7	519.1
Iran, Islamic Rep. of	224	221	10.8	28.8	36.1	24.3	1.2	0.0	407.1	428.8	415.6	418.2	409.9	.
Ireland	440	400	21.9	43.6	26.4	8.1	1.4	8.4	522.0	531.3	530.6	525.5	531.0	515.8
Israel	265	242	30.2	34.0	22.1	13.7	1.6	6.8	491.3	485.8	459.8	485.7	457.1	472.1
Italy	236	211	21.2	29.0	32.7	17.0	7.0	2.9	502.0	508.1	492.2	495.8	519.7	491.0
Japan	147	144	33.5	44.8	18.9	2.7	0.0	1.7	556.1	555.1	564.1	547.8	.	559.5
Jordan	225	221	19.5	33.9	29.7	16.9	1.7	0.0	403.4	406.7	413.5	436.6	387.4	.
Kazakhstan	1209	1159	2.5	8.7	56.8	31.9	3.6	0.6	468.1	445.6	428.3	465.3	446.4	431.4
Korea, Rep. of	243	235	43.8	43.0	11.2	2.0	1.3	2.8	547.0	545.7	538.8	567.4	529.6	535.1
Kuwait	157	154	13.2	25.8	33.8	27.2	0.0	1.8	412.9	423.0	401.5	445.0	.	381.1
Lithuania	1096	954	10.4	35.9	33.9	19.9	0.3	10.7	526.4	521.4	517.9	513.2	506.0	521.3
Malaysia	313	313	23.2	45.5	27.2	4.2	0.0	0.0	431.8	427.1	420.9	424.9	.	.
Malta	466	394	30.7	35.0	27.7	6.6	0.0	11.7	495.8	517.4	495.5	481.3	.	492.6
Morocco	511	485	3.7	9.1	23.8	63.4	1.4	2.2	324.3	321.3	326.6	326.9	346.1	346.5
New Zealand	211	136	32.1	37.2	29.5	1.2	0.0	38.6	497.3	503.0	492.9	441.8	.	508.7
Norway (9)	310	239	30.8	41.6	20.1	7.4	0.0	21.3	490.7	493.2	490.6	481.6	.	478.6
Oman	284	278	9.0	31.7	40.5	18.8	1.7	0.5	453.6	453.4	454.3	457.4	507.2	515.7
Palestinian Nat'l Auth.	199	186	23.0	39.6	28.5	8.9	2.9	2.9	389.5	387.5	397.1	414.9	402.3	374.9
Portugal	521	489	60.9	28.0	5.8	5.3	1.1	4.9	503.8	507.1	518.6	507.0	519.4	498.7
Qatar	242	234	8.8	32.9	29.1	29.3	0.3	1.8	494.5	487.7	482.9	468.1	434.6	485.4
Romania	429	318	16.3	30.8	23.4	29.5	1.5	23.4	480.5	463.8	479.1	468.0	456.5	450.1
Saudi Arabia	214	197	13.0	24.7	27.3	35.0	3.7	4.7	416.5	411.5	414.7	429.5	419.7	414.6
Singapore	345	0	.	.	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	217	28.8	36.9	23.4	10.8	0.6	29.3	361.8	351.5	389.7	371.0	321.9	355.4
Sweden	814	668	32.4	38.4	25.7	3.4	3.3	13.9	521.9	515.6	536.9	510.7	527.2	510.5
Turkiye	189	188	2.4	11.6	34.1	51.9	0.4	0.0	532.9	522.9	521.5	536.7	454.0	.
United Arab Emirates	1614	1401	15.6	29.4	30.0	25.1	0.7	11.6	490.1	493.4	473.0	484.9	454.5	500.7
United States	672	580	19.7	38.0	27.2	15.1	0.5	8.9	538.3	520.1	500.1	499.9	464.2	505.5
Uzbekistan	668	645	6.1	19.7	24.9	49.2	2.3	1.4	385.0	387.0	395.3	401.0	393.6	387.5
International Avg. (43)	23553	20399	22.9	32.0	26.8	18.3	1.4	10.5	470.6	468.6	468.3	469.3	471.7	467.9
Abu Dhabi, UAE	597	516	16.6	26.7	31.2	25.6	0.6	11.4	451.7	439.4	425.6	462.8	413.9	447.8
Dubai, UAE	432	365	20.7	34.5	28.7	16.1	0.1	11.5	537.4	561.2	543.5	540.9	621.6	540.5
Sharjah, UAE	307	265	7.1	33.5	31.1	28.2	1.4	14.1	497.2	486.0	478.2	514.3	483.2	537.7

Question: How many students are in this class?

Location: TQG-10 (BTBG10)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	509	0.7	35.0	25.2	4.0	18.0	21.0	23.0	25.0	28.0	30.0	30.0	35.0
Austria	889	778	1.8	10.7	22.3	8.0	15.0	17.0	20.0	23.0	25.0	27.0	28.0	30.0
Azerbaijan	1140	912	3.4	14.1	23.0	2.0	11.0	14.0	19.0	23.0	28.0	31.0	34.0	45.0
Bahrain	223	218	2.4	0.0	31.4	6.0	21.0	23.0	27.0	32.0	35.0	37.0	39.0	95.0
Brazil	916	873	1.8	4.2	30.7	1.0	16.0	20.0	26.0	31.0	35.0	40.0	42.0	90.0
Chile	168	147	0.7	11.0	34.6	6.0	18.0	22.0	29.0	36.0	40.0	44.0	45.0	86.0
Chinese Taipei	239	234	2.6	0.0	28.3	1.0	18.0	22.0	25.0	28.0	30.0	35.0	44.0	50.0
Cote d'Ivoire	372	175	2.2	51.6	57.3	4.0	32.0	37.0	45.0	56.0	68.0	77.0	89.0	117.0
Cyprus	775	659	1.2	13.2	22.1	10.0	17.0	19.0	21.0	23.0	24.0	25.0	25.0	27.0
Czech Republic	1348	1254	0.4	6.4	23.9	3.0	16.0	18.0	21.0	24.0	27.0	29.0	30.0	34.0
England	262	114	3.2	39.8	27.5	11.0	16.0	21.0	26.0	29.0	30.0	32.0	32.0	46.0
Finland	1239	1185	0.3	2.9	17.1	1.0	9.0	11.0	14.0	17.0	20.0	23.0	24.0	46.0
France	379	328	0.5	11.9	26.5	10.0	21.0	22.0	25.0	27.0	29.0	30.0	31.0	77.0
Georgia	936	926	0.9	0.1	21.7	1.0	8.0	10.0	17.0	24.0	27.0	29.0	29.0	90.0
Hong Kong SAR	185	116	0.9	34.9	29.3	9.0	20.0	22.0	27.0	30.0	33.0	35.0	36.0	41.0
Hungary	1086	893	0.8	15.8	21.7	4.0	12.0	14.0	18.0	21.0	25.0	29.0	33.0	40.0
Iran, Islamic Rep. of	224	219	2.2	0.0	30.6	7.0	14.0	18.0	25.0	30.0	35.0	38.0	41.0	90.0
Ireland	440	381	1.7	11.5	22.3	5.0	16.0	18.0	21.0	23.0	24.0	25.0	26.0	37.0
Israel	265	245	0.5	6.8	29.5	1.0	19.0	22.0	27.0	30.0	34.0	36.0	38.0	43.0
Italy	236	216	5.1	2.9	21.3	4.0	14.0	17.0	19.0	22.0	24.0	25.0	26.0	31.0
Japan	147	143	1.1	1.7	33.5	10.0	26.0	28.0	31.0	34.0	37.0	39.0	40.0	44.0
Jordan	225	219	2.5	0.0	33.0	6.0	18.0	20.0	26.0	34.0	40.0	45.0	46.0	72.0
Kazakhstan	1209	1160	2.0	1.4	22.0	2.0	13.0	15.0	19.0	23.0	25.0	28.0	29.0	90.0
Korea, Rep. of	243	235	1.5	2.8	27.0	5.0	19.0	22.0	24.0	27.0	30.0	32.0	32.0	62.0
Kuwait	157	148	5.5	1.1	28.7	11.0	20.0	22.0	24.0	27.0	32.0	40.0	40.0	52.0
Lithuania	1096	929	0.7	12.4	24.5	5.0	13.0	17.0	22.0	26.0	28.0	30.0	30.0	69.0
Malaysia	313	310	0.8	0.0	29.7	16.0	20.0	22.0	26.0	30.0	34.0	37.0	39.0	54.0
Malta	466	367	1.3	17.0	14.9	3.0	10.0	11.0	13.0	15.0	16.0	16.0	21.0	45.0
Morocco	511	475	3.5	2.2	36.4	13.0	22.0	26.0	33.0	38.0	42.0	44.0	45.0	52.0
New Zealand	211	132	1.6	39.3	26.2	7.0	16.0	19.0	24.0	26.0	29.0	31.0	33.0	60.0
Norway (9)	310	233	0.0	23.2	25.6	5.0	15.0	18.0	23.0	25.0	28.0	30.0	37.0	74.0
Oman	284	271	3.3	0.9	32.2	3.0	17.0	23.0	30.0	34.0	36.0	38.0	40.0	50.0
Palestinian Nat'l Auth.	199	186	2.9	2.9	35.7	10.0	22.0	25.0	29.0	37.0	42.0	44.0	45.0	65.0
Portugal	521	488	1.0	5.1	22.8	13.0	17.0	18.0	20.0	22.0	26.0	28.0	28.0	64.0
Qatar	242	230	0.7	1.8	27.2	3.0	18.0	20.0	24.0	29.0	30.0	32.0	34.0	60.0
Romania	429	312	0.6	25.3	24.9	5.0	12.0	14.0	17.0	24.0	30.0	34.0	51.0	77.0
Saudi Arabia	214	192	5.7	5.0	30.9	7.0	16.0	19.0	25.0	31.0	36.0	41.0	46.0	95.0
Singapore	345	345	0.0	0.0	29.1	1.0	7.0	10.0	23.0	33.0	37.0	39.0	40.0	44.0
South Africa (9)	288	200	5.6	29.8	55.7	6.0	30.0	32.0	39.0	48.0	60.0	80.0	141.0	187.0
Sweden	814	684	1.3	14.3	24.2	2.0	16.0	18.0	22.0	25.0	27.0	29.0	30.0	60.0
Turkiye	189	188	0.4	0.0	27.0	9.0	15.0	17.0	21.0	26.0	33.0	37.0	41.0	60.0
United Arab Emirates	1614	1357	1.2	12.8	28.2	4.0	18.0	21.0	25.0	28.0	31.0	35.0	36.0	94.0
United States	672	547	3.0	10.5	38.4	4.0	16.0	18.0	22.0	27.0	33.0	95.0	123.0	163.0
Uzbekistan	668	652	0.9	1.4	26.9	3.0	18.0	20.0	23.0	27.0	31.0	34.0	35.0	76.0
International Avg. (44)	23553	20385	1.8	11.0	28.4	5.7	16.9	19.6	24.1	28.4	32.1	36.7	41.0	66.3
Abu Dhabi, UAE	597	491	1.7	13.5	27.0	7.0	16.0	20.0	24.0	27.0	30.0	32.0	34.0	94.0
Dubai, UAE	432	361	0.9	11.7	28.8	4.0	19.0	21.0	24.0	30.0	33.0	36.0	37.0	60.0
Sharjah, UAE	307	256	0.9	15.4	29.1	5.0	19.0	21.0	25.0	29.0	32.0	35.0	37.0	80.0

Question: How many <eighth grade> students experience difficulties understanding spoken <language of test>?
Location: TQG-11 (BTBG11)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	510	0.5	35.0	1.3	0.0	0.0	0.0	0.0	0.0	2.0	4.0	5.0	30.0
Austria	889	777	2.5	10.7	1.5	0.0	0.0	0.0	0.0	0.0	2.0	4.0	7.0	25.0
Azerbaijan	1140	921	3.1	14.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	35.0
Bahrain	223	217	3.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	2.0	5.0	8.0	32.0
Brazil	916	876	1.1	4.2	4.5	0.0	0.0	0.0	0.0	1.0	6.0	15.0	20.0	45.0
Chile	168	147	0.7	11.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	10.0	43.0
Chinese Taipei	239	234	2.1	0.0	2.5	0.0	0.0	0.0	0.0	1.0	4.0	7.0	10.0	26.0
Cote d'Ivoire	372	166	3.7	51.6	24.5	0.0	0.0	0.0	5.0	20.0	40.0	55.0	62.0	72.0
Cyprus	775	657	1.3	13.2	3.9	0.0	0.0	0.0	0.0	2.0	6.0	10.0	12.0	26.0
Czech Republic	1348	1252	0.4	6.4	1.6	0.0	0.0	0.0	0.0	0.0	2.0	4.0	6.0	31.0
England	262	113	3.7	39.8	2.4	0.0	0.0	0.0	0.0	0.0	3.0	7.0	16.0	20.0
Finland	1239	1178	0.9	2.9	0.6	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	22.0
France	379	327	0.7	11.9	2.3	0.0	0.0	0.0	0.0	0.0	3.0	8.0	10.0	29.0
Georgia	936	914	2.3	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	29.0
Hong Kong SAR	185	115	1.3	34.9	5.0	0.0	0.0	0.0	0.0	1.0	7.0	20.0	25.0	36.0
Hungary	1086	881	1.8	15.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	30.0
Iran, Islamic Rep. of	224	219	2.2	0.0	4.2	0.0	0.0	0.0	0.0	0.0	5.0	15.0	20.0	35.0
Ireland	440	387	0.5	11.5	1.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	24.0
Israel	265	239	2.2	6.8	3.8	0.0	0.0	0.0	0.0	2.0	5.0	10.0	15.0	29.0
Italy	236	217	5.0	2.9	1.7	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	16.0
Japan	147	144	0.0	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	39.0
Jordan	225	219	3.1	0.0	5.9	0.0	0.0	0.0	0.0	3.0	10.0	15.0	20.0	43.0
Kazakhstan	1209	1163	1.9	1.4	2.7	0.0	0.0	0.0	0.0	0.0	1.0	10.0	21.0	44.0
Korea, Rep. of	243	235	1.5	2.8	1.1	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	30.0
Kuwait	157	140	10.2	1.1	3.5	0.0	0.0	0.0	0.0	2.0	4.0	12.0	15.0	20.0
Lithuania	1096	927	0.8	12.4	2.1	0.0	0.0	0.0	0.0	0.0	1.0	4.0	16.0	30.0
Malaysia	313	309	1.3	0.0	4.5	0.0	0.0	0.0	0.0	0.0	5.0	15.0	22.0	43.0
Malta	466	364	2.5	17.0	2.5	0.0	0.0	0.0	0.0	1.0	4.0	8.0	10.0	16.0
Morocco	511	470	3.9	2.2	22.7	0.0	0.0	5.0	15.0	25.0	30.0	36.0	38.0	50.0
New Zealand	211	132	0.7	39.3	1.9	0.0	0.0	0.0	0.0	0.0	2.0	5.0	10.0	25.0
Norway (9)	310	231	0.5	23.2	1.1	0.0	0.0	0.0	0.0	1.0	2.0	3.0	4.0	7.0
Oman	284	272	3.7	0.9	3.3	0.0	0.0	0.0	0.0	1.0	5.0	10.0	14.0	36.0
Palestinian Nat'l Auth.	199	185	3.9	2.9	7.3	0.0	0.0	0.0	1.0	5.0	11.0	17.0	23.0	43.0
Portugal	521	487	1.2	5.1	3.3	0.0	0.0	0.0	0.0	2.0	5.0	10.0	14.0	25.0
Qatar	242	231	0.4	1.8	2.4	0.0	0.0	0.0	0.0	0.0	3.0	6.0	10.0	30.0
Romania	429	311	1.5	25.3	1.7	0.0	0.0	0.0	0.0	0.0	2.0	5.0	10.0	28.0
Saudi Arabia	214	190	6.3	5.0	2.9	0.0	0.0	0.0	0.0	0.0	3.0	8.0	20.0	42.0
Singapore	345	345	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	21.0
South Africa (9)	288	194	6.4	29.5	22.7	0.0	0.0	0.0	4.0	16.0	32.0	50.0	70.0	120.0
Sweden	814	684	1.2	14.3	1.6	0.0	0.0	0.0	0.0	0.0	1.0	4.0	5.0	42.0
Turkiye	189	188	0.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.0	2.0	7.0	37.0
United Arab Emirates	1614	1359	1.0	12.8	4.1	0.0	0.0	0.0	0.0	1.0	5.0	13.0	20.0	50.0
United States	672	550	2.6	10.5	3.0	0.0	0.0	0.0	0.0	1.0	4.0	8.0	13.0	50.0
Uzbekistan	668	641	3.0	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.0	15.0	37.0
International Avg. (44)	23553	20318	2.2	11.0	3.9	0.0	0.0	0.1	0.6	2.0	5.1	9.8	14.7	35.1
Abu Dhabi, UAE	597	492	1.6	13.5	7.0	0.0	0.0	0.0	0.0	4.0	12.0	20.0	22.0	31.0
Dubai, UAE	432	360	0.6	11.7	2.3	0.0	0.0	0.0	0.0	0.0	3.0	7.0	10.0	34.0
Sharjah, UAE	307	257	0.8	15.4	2.9	0.0	0.0	0.0	0.0	1.0	4.0	10.0	10.0	50.0

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives
Location: TQG-12a (BTBG12A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	508	51.2	29.6	19.2	0.0	0.6	35.0	528.5	525.4	512.1	387.2	535.1	512.0
Austria	889	778	53.4	35.7	10.8	0.2	2.2	10.7	516.2	512.1	512.0	516.9	478.1	497.8
Azerbaijan	1140	917	62.4	13.8	22.7	1.1	3.1	14.1	411.6	411.1	407.4	426.7	411.3	414.9
Bahrain	223	219	79.0	16.2	4.8	0.0	1.1	0.0	460.1	406.8	464.6	.	468.3	.
Brazil	916	879	76.0	19.0	5.0	0.0	0.6	4.2	420.9	421.6	386.4	431.1	379.0	441.0
Chile	168	147	68.6	24.8	6.6	0.0	0.7	11.0	454.6	453.8	471.0	.	542.0	447.5
Chinese Taipei	239	237	48.7	31.3	18.7	1.2	0.8	0.0	574.9	570.1	567.8	556.8	568.0	.
Cote d'Ivoire	372	181	64.7	14.7	20.0	0.6	0.3	51.6	182.8	171.5	193.5	96.8	173.7	183.4
Cyprus	775	665	67.5	23.5	8.8	0.3	0.5	13.2	460.5	470.3	464.6	470.8	460.9	471.4
Czech Republic	1348	1252	67.2	24.7	8.1	0.0	0.5	6.4	527.5	523.0	534.8	.	539.0	528.7
England	262	117	34.9	36.5	28.6	0.0	2.1	39.8	498.5	554.4	539.9	.	583.8	529.5
Finland	1239	1186	50.8	31.5	17.5	0.1	0.4	2.9	531.8	528.3	533.5	550.1	492.2	523.3
France	379	327	47.4	29.5	22.4	0.7	0.6	11.9	488.7	489.4	485.1	467.8	501.4	472.4
Georgia	936	923	62.1	21.2	16.4	0.4	1.0	0.1	448.1	446.7	447.9	432.3	445.9	497.7
Hong Kong SAR	185	116	45.8	37.8	16.4	0.0	0.9	34.9	534.5	536.2	523.2	.	443.5	519.7
Hungary	1086	893	73.3	21.1	5.6	0.0	0.6	15.8	523.9	518.4	519.1	.	482.0	518.9
Iran, Islamic Rep. of	224	223	53.6	32.1	13.9	0.3	0.3	0.0	421.2	419.0	411.2	389.7	420.6	.
Ireland	440	387	60.4	25.1	14.5	0.0	0.5	11.5	529.0	520.4	543.9	.	449.8	520.0
Israel	265	241	68.6	19.1	11.1	1.2	1.9	6.8	477.3	486.5	484.8	622.8	467.8	472.1
Italy	236	217	66.1	23.8	10.0	0.0	4.7	2.9	498.3	509.0	494.3	.	511.2	491.0
Japan	147	143	39.3	40.7	20.0	0.0	0.4	1.7	562.9	555.3	549.2	.	522.7	559.5
Jordan	225	221	69.2	19.6	10.3	1.0	1.7	0.0	412.8	421.4	396.6	391.0	422.1	.
Kazakhstan	1209	1145	68.1	20.5	11.3	0.1	3.2	1.4	444.1	439.9	440.0	436.2	449.4	422.9
Korea, Rep. of	243	237	57.9	27.4	13.8	1.0	0.0	2.8	549.3	538.3	547.2	518.2	.	535.1
Kuwait	157	154	58.2	20.6	21.2	0.0	0.7	1.1	432.9	397.1	409.2	.	388.1	372.6
Lithuania	1096	926	64.8	27.3	7.9	0.0	0.8	12.4	520.2	520.3	508.5	.	508.2	520.1
Malaysia	313	313	61.7	28.5	9.9	0.0	0.0	0.0	431.7	414.6	427.2	.	.	.
Malta	466	365	68.3	24.8	6.9	0.0	1.4	17.0	508.4	502.8	493.0	.	489.8	479.1
Morocco	511	491	74.4	14.2	11.4	0.0	0.0	2.2	324.4	321.5	346.7	.	341.1	346.5
New Zealand	211	135	38.0	46.8	15.1	0.0	0.0	39.3	501.2	492.6	503.3	.	.	508.4
Norway (9)	310	232	28.1	47.8	24.1	0.0	0.3	23.2	491.3	490.4	493.5	.	480.5	478.4
Oman	284	276	76.7	17.3	6.0	0.0	1.7	0.9	456.2	452.0	452.1	.	477.0	472.5
Palestinian Nat'l Auth.	199	190	83.6	12.1	3.8	0.5	0.9	2.9	393.0	388.5	394.8	454.7	454.0	374.9
Portugal	521	491	75.9	15.8	8.3	0.0	0.3	5.1	506.3	507.1	497.8	.	548.4	499.9
Qatar	242	232	76.9	17.5	5.6	0.0	0.3	1.8	478.1	475.0	540.8	.	479.6	485.4
Romania	429	312	77.8	12.0	9.5	0.7	0.6	25.3	470.5	464.1	478.2	504.9	509.6	451.5
Saudi Arabia	214	199	85.4	11.3	2.8	0.5	2.1	5.0	419.8	414.9	427.0	425.4	415.3	413.4
Singapore	345	345	46.0	39.6	14.4	0.0	0.0	0.0	608.5	603.5	605.9	.	.	.
South Africa (9)	288	218	59.8	26.6	13.6	0.0	0.0	29.4	358.9	368.6	385.1	.	.	355.8
Sweden	814	691	35.9	35.1	28.8	0.2	0.5	14.3	525.1	521.5	521.6	526.7	540.2	511.8
Turkiye	189	189	76.3	15.6	7.7	0.4	0.0	0.0	530.4	529.6	525.5	441.3	.	.
United Arab Emirates	1614	1359	81.1	14.0	4.6	0.3	0.9	12.8	485.5	482.1	484.3	403.7	463.0	498.5
United States	672	553	49.5	36.1	14.2	0.2	0.9	10.5	512.5	518.5	514.7	564.9	506.2	506.1
Uzbekistan	668	644	79.9	11.0	8.2	1.0	2.5	1.4	396.9	384.8	405.0	382.5	382.8	387.5
International Avg. (44)	23553	20474	62.1	24.8	12.7	0.3	1.0	11.0	473.0	470.0	473.7	452.1	466.6	465.4
Abu Dhabi, UAE	597	492	81.0	14.4	4.0	0.5	0.9	13.5	447.2	430.7	392.8	345.5	410.3	454.5
Dubai, UAE	432	363	79.6	14.8	5.6	0.0	0.4	11.7	546.1	558.5	554.0	.	543.3	537.7
Sharjah, UAE	307	256	79.4	15.1	5.1	0.4	1.0	15.4	496.3	467.5	497.7	536.5	502.1	533.2

Question: How often do you do the following in teaching this class? Ask students to explain their answers

Location: TQG-12b (BTBG12B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	507	52.8	35.4	9.6	2.2	0.7	35.0	525.5	522.7	519.2	548.5	535.0	512.0
Austria	889	779	48.3	37.6	13.9	0.1	2.2	10.7	514.0	515.7	511.4	504.5	479.9	497.8
Azerbaijan	1140	914	67.9	20.3	11.3	0.5	3.4	14.1	410.5	414.1	405.2	438.5	411.6	414.9
Bahrain	223	219	71.2	23.0	4.9	0.8	1.1	0.0	459.8	435.7	418.6	387.1	468.3	.
Brazil	916	879	43.8	37.0	19.1	0.1	0.6	4.2	415.0	428.7	411.1	385.6	379.0	441.0
Chile	168	147	55.6	38.5	5.9	0.0	0.7	11.0	456.2	453.8	459.7	.	542.0	447.5
Chinese Taipei	239	237	12.9	36.4	48.2	2.5	0.8	0.0	577.3	583.4	562.6	554.3	568.0	.
Cote d'Ivoire	372	179	49.3	29.9	19.9	0.9	0.5	51.6	204.0	157.5	171.0	66.6	212.6	183.4
Cyprus	775	664	77.5	18.0	4.5	0.0	0.8	13.2	462.4	463.0	476.1	.	471.4	471.4
Czech Republic	1348	1250	66.1	26.1	7.8	0.0	0.7	6.4	527.4	523.7	533.5	.	544.8	528.7
England	262	117	79.2	17.4	3.5	0.0	2.1	39.8	527.5	539.4	561.5	.	583.8	529.5
Finland	1239	1185	56.4	26.4	16.5	0.6	0.6	2.9	534.6	525.6	527.4	537.0	506.9	523.3
France	379	327	74.1	16.4	9.5	0.0	0.6	11.9	486.9	489.5	493.9	.	501.4	472.4
Georgia	936	924	75.6	22.0	2.4	0.1	1.1	0.1	449.1	445.1	428.6	459.6	447.7	497.7
Hong Kong SAR	185	116	38.1	35.7	26.2	0.0	0.9	34.9	548.9	521.4	526.7	.	443.5	519.7
Hungary	1086	891	48.5	32.3	18.3	0.8	0.8	15.8	528.9	518.7	512.3	503.0	500.0	518.9
Iran, Islamic Rep. of	224	224	57.4	30.6	11.9	0.0	0.0	0.0	421.7	418.9	406.0	.	.	.
Ireland	440	387	60.2	30.0	9.8	0.0	0.5	11.5	529.0	529.4	527.5	.	449.8	520.0
Israel	265	241	66.5	23.7	9.8	0.0	1.6	6.8	484.5	474.3	483.0	.	445.4	472.1
Italy	236	218	76.9	16.5	6.6	0.0	4.3	2.9	500.2	499.6	505.4	.	512.5	491.0
Japan	147	143	23.8	41.3	33.5	1.3	0.4	1.7	564.8	561.5	546.0	558.3	522.7	559.5
Jordan	225	221	51.6	34.8	13.2	0.5	1.7	0.0	419.9	403.5	408.5	391.3	422.1	.
Kazakhstan	1209	1147	70.0	24.8	5.2	0.0	3.0	1.4	445.1	436.9	435.6	.	455.8	422.9
Korea, Rep. of	243	237	37.8	38.0	23.6	0.7	0.0	2.8	549.6	541.5	547.5	503.8	.	535.1
Kuwait	157	154	49.4	30.4	20.2	0.0	0.7	1.1	426.0	411.6	420.1	.	388.1	372.6
Lithuania	1096	927	62.7	30.0	7.0	0.2	0.8	12.4	520.9	519.3	504.3	534.7	507.1	520.1
Malaysia	313	313	43.6	40.8	15.5	0.0	0.0	0.0	434.6	425.8	405.0	.	.	.
Malta	466	364	71.0	21.8	6.6	0.6	1.6	17.0	510.0	497.9	496.8	402.2	496.7	479.1
Morocco	511	489	54.6	23.8	20.7	0.8	0.3	2.2	327.8	322.8	330.5	276.0	260.9	346.5
New Zealand	211	134	49.2	36.4	14.4	0.0	0.5	39.3	512.2	481.3	490.4	.	457.5	508.4
Norway (9)	310	232	51.3	36.5	12.2	0.0	0.3	23.2	491.3	493.1	487.2	.	480.5	478.4
Oman	284	275	74.5	17.0	8.5	0.0	2.0	0.9	459.8	442.0	448.2	.	445.5	472.5
Palestinian Nat'l Auth.	199	190	53.8	34.4	11.8	0.0	0.9	2.9	398.4	386.8	384.7	.	454.0	374.9
Portugal	521	490	65.8	26.3	7.3	0.5	0.5	5.1	508.1	502.6	495.4	527.8	524.5	499.9
Qatar	242	233	80.2	13.8	5.9	0.0	0.3	1.8	478.9	492.7	483.1	.	476.2	485.4
Romania	429	311	76.8	18.3	4.9	0.0	0.8	25.3	472.9	464.5	459.3	.	507.2	451.5
Saudi Arabia	214	199	72.7	19.4	7.9	0.0	2.1	5.0	424.2	413.4	391.3	.	415.3	413.4
Singapore	345	345	42.9	43.9	13.3	0.0	0.0	0.0	625.0	594.2	584.8	.	.	.
South Africa (9)	288	218	43.7	36.1	20.2	0.0	0.0	29.4	365.3	376.6	343.7	.	.	355.8
Sweden	814	690	46.4	35.3	18.2	0.2	0.5	14.3	522.8	524.2	520.3	526.7	538.3	511.8
Turkiye	189	189	72.8	22.5	4.7	0.0	0.0	0.0	534.3	519.1	504.5	.	.	.
United Arab Emirates	1614	1362	79.7	17.2	3.1	0.0	0.8	12.8	493.8	453.2	420.3	.	474.4	498.5
United States	672	553	67.6	26.9	5.4	0.0	0.9	10.5	513.5	524.2	489.1	.	506.2	506.1
Uzbekistan	668	642	70.7	22.5	6.2	0.5	2.4	1.4	398.4	391.1	388.7	373.1	386.1	387.5
International Avg. (44)	23553	20463	58.9	28.3	12.5	0.3	1.0	11.0	476.4	469.1	464.2	446.2	466.4	465.4
Abu Dhabi, UAE	597	492	78.2	17.3	4.5	0.0	0.9	13.5	454.9	400.7	378.8	.	410.3	454.5
Dubai, UAE	432	363	84.6	14.5	0.9	0.0	0.4	11.7	551.8	528.5	547.0	.	543.3	537.7
Sharjah, UAE	307	257	81.8	13.7	4.5	0.0	1.0	15.4	497.3	478.8	438.3	.	510.0	533.2

Question: How often do you do the following in teaching this class? Communicate goals or objectives for the lesson to the students
Location: TQG-12c (BTBG12C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	508	71.0	24.6	3.9	0.6	0.6	35.0	529.3	512.0	515.3	512.6	535.1	512.0
Austria	889	777	32.5	40.8	26.0	0.7	2.4	10.7	517.0	510.6	517.2	534.5	473.1	497.8
Azerbaijan	1140	906	89.0	7.8	3.0	0.2	4.4	14.1	410.0	417.3	407.7	472.5	414.1	414.9
Bahrain	223	219	83.8	11.1	5.0	0.0	1.1	0.0	458.9	419.7	402.2	.	468.3	.
Brazil	916	877	59.4	23.2	17.2	0.2	0.8	4.2	417.3	427.9	414.8	428.9	381.1	441.0
Chile	168	147	91.5	7.7	0.8	0.0	0.7	11.0	456.0	447.4	472.8	.	542.0	447.5
Chinese Taipei	239	236	21.2	37.7	37.4	3.6	1.5	0.0	572.5	576.4	568.2	560.8	565.5	.
Cote d'Ivoire	372	181	77.9	10.5	11.1	0.4	0.2	51.6	176.6	248.2	165.9	184.2	120.0	183.4
Cyprus	775	661	69.2	22.5	7.9	0.4	1.0	13.2	465.2	458.8	461.9	430.4	447.7	471.4
Czech Republic	1348	1246	72.7	21.0	6.3	0.0	1.1	6.4	526.2	528.7	528.6	648.7	534.3	528.7
England	262	117	85.0	9.6	5.4	0.0	2.1	39.8	530.6	542.1	513.1	.	583.8	529.5
Finland	1239	1180	47.0	33.1	19.2	0.8	0.9	2.9	530.4	534.0	528.9	511.4	494.0	523.3
France	379	325	71.9	19.4	8.3	0.4	0.9	11.9	487.1	492.6	482.8	497.8	509.6	472.4
Georgia	936	915	86.3	11.5	2.2	0.0	2.0	0.1	447.8	447.1	442.8	.	454.0	497.7
Hong Kong SAR	185	116	28.5	44.5	26.4	0.6	0.9	34.9	540.8	538.3	517.0	519.3	443.5	519.7
Hungary	1086	885	79.4	15.8	4.4	0.4	1.3	15.8	521.2	526.7	521.7	573.3	510.3	518.9
Iran, Islamic Rep. of	224	224	67.9	26.2	5.6	0.3	0.0	0.0	423.8	410.3	401.3	420.6	.	.
Ireland	440	386	69.5	24.6	5.1	0.8	0.8	11.5	529.5	527.5	534.5	533.1	450.5	520.0
Israel	265	242	54.8	24.9	19.5	0.8	1.2	6.8	474.9	486.8	493.0	477.6	474.6	472.1
Italy	236	218	64.0	22.9	12.8	0.4	4.3	2.9	496.7	506.6	506.7	532.2	512.5	491.0
Japan	147	143	67.4	26.1	6.2	0.3	0.4	1.7	555.8	560.1	557.7	558.2	522.7	559.5
Jordan	225	220	83.0	11.6	4.9	0.5	2.0	0.0	415.3	399.9	397.9	391.3	422.2	.
Kazakhstan	1209	1138	89.2	7.8	3.0	0.0	3.8	1.4	442.6	442.2	443.9	.	452.6	422.9
Korea, Rep. of	243	237	54.4	31.6	13.3	0.7	0.0	2.8	548.2	541.4	547.7	503.8	.	535.1
Kuwait	157	154	88.1	8.6	3.4	0.0	0.7	1.1	422.2	404.5	414.5	.	388.1	372.6
Lithuania	1096	923	86.4	11.7	1.9	0.0	1.3	12.4	518.1	524.6	528.3	.	526.5	520.1
Malaysia	313	312	56.0	32.4	11.3	0.2	0.4	0.0	430.8	422.0	419.3	370.5	398.2	.
Malta	466	364	55.4	29.3	14.7	0.7	1.6	17.0	511.4	493.7	517.8	312.1	496.7	479.1
Morocco	511	487	82.7	11.6	5.4	0.3	0.8	2.2	326.2	331.7	323.4	261.4	328.6	346.5
New Zealand	211	135	63.6	20.7	12.9	2.8	0.0	39.3	503.4	477.4	488.9	551.7	.	508.4
Norway (9)	310	231	52.9	32.3	14.8	0.0	0.7	23.2	489.5	495.0	490.3	.	494.0	478.4
Oman	284	276	91.5	5.9	2.6	0.0	1.8	0.9	456.4	439.6	455.5	.	468.1	472.5
Palestinian Nat'l Auth.	199	189	94.1	4.3	1.6	0.0	1.4	2.9	394.3	367.9	367.5	.	437.5	374.9
Portugal	521	491	59.2	26.1	13.8	0.9	0.3	5.1	509.6	504.3	492.3	503.7	548.4	499.9
Qatar	242	230	93.9	5.0	1.2	0.0	1.3	1.8	479.1	503.5	553.8	.	474.0	485.4
Romania	429	311	88.2	7.7	4.1	0.0	0.9	25.3	471.0	458.9	484.7	.	507.4	451.5
Saudi Arabia	214	199	91.7	7.2	0.5	0.5	2.1	5.0	421.1	398.5	448.0	405.3	415.3	413.4
Singapore	345	344	65.5	29.2	5.2	0.1	0.1	0.0	604.6	612.7	592.2	495.1	561.2	.
South Africa (9)	288	218	49.5	34.2	15.6	0.7	0.0	29.4	361.0	369.5	371.3	287.6	.	355.8
Sweden	814	690	52.8	29.4	17.8	0.0	0.5	14.3	522.8	515.1	535.9	.	538.3	511.8
Turkiye	189	189	79.1	17.8	3.1	0.0	0.0	0.0	531.7	520.6	524.2	.	.	.
United Arab Emirates	1614	1355	91.6	6.9	1.4	0.0	1.1	12.8	486.4	474.1	434.7	.	463.5	498.5
United States	672	553	82.9	12.2	4.7	0.3	0.9	10.5	512.0	530.9	530.2	480.9	506.2	506.1
Uzbekistan	668	646	89.9	7.2	2.7	0.2	2.1	1.4	396.3	388.6	393.0	404.7	400.6	387.5
International Avg. (44)	23553	20401	71.2	19.5	8.9	0.4	1.2	11.0	473.2	471.3	470.7	460.8	468.3	465.4
Abu Dhabi, UAE	597	490	90.7	7.7	1.6	0.0	1.1	13.5	443.0	440.2	411.9	.	398.2	454.5
Dubai, UAE	432	363	94.4	5.0	0.6	0.0	0.4	11.7	549.2	537.9	515.4	.	543.3	537.7
Sharjah, UAE	307	254	90.2	8.2	1.6	0.0	1.7	15.4	493.0	490.7	447.9	.	502.9	533.2

Question: How often do you do the following in teaching this class? Ask students to complete challenging exercises that require them to go beyond the instruction

Location: TQG-12d (BTBG12D)

Country	Sample	Valid N	1.Ever y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Ever y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	506	18.4	47.5	30.5	3.7	0.8	35.0	538.1	529.3	512.4	491.7	535.4	512.0
Austria	889	778	6.0	25.6	59.2	9.2	2.4	10.7	516.9	514.2	514.3	513.6	478.7	497.8
Azerbaijan	1140	906	19.5	18.9	50.2	11.4	4.1	14.1	405.2	414.4	412.1	410.0	407.8	414.9
Bahrain	223	219	40.9	42.6	16.5	0.0	1.1	0.0	483.9	433.0	419.8	.	468.3	.
Brazil	916	878	32.2	31.1	34.6	2.1	0.7	4.2	414.7	423.0	423.5	364.9	386.0	441.0
Chile	168	147	36.2	46.0	17.2	0.7	0.7	11.0	446.5	459.6	461.0	515.4	542.0	447.5
Chinese Taipei	239	237	3.5	21.4	56.1	18.9	0.8	0.0	597.0	586.5	570.4	554.8	568.0	.
Cote d'Ivoire	372	182	24.0	14.2	34.6	27.3	0.0	51.6	199.9	179.8	176.8	176.5	.	183.4
Cyprus	775	664	18.9	28.8	43.7	8.6	0.6	13.2	472.5	463.7	461.6	448.3	467.4	471.4
Czech Republic	1348	1246	3.1	16.5	66.2	14.2	1.0	6.4	533.1	537.1	526.3	515.3	558.1	528.7
England	262	116	33.6	45.8	19.4	1.1	2.4	39.8	529.3	528.7	542.8	469.1	572.4	529.5
Finland	1239	1182	11.4	29.8	55.0	3.8	0.8	2.9	549.3	534.2	528.8	484.5	505.7	523.3
France	379	325	3.0	7.7	71.7	17.6	1.1	11.9	468.7	487.5	491.0	479.6	487.8	472.4
Georgia	936	914	22.4	29.3	36.7	11.6	1.9	0.1	447.8	449.8	446.4	446.8	444.4	497.7
Hong Kong SAR	185	116	10.7	24.1	63.1	2.0	0.9	34.9	570.1	532.1	530.1	452.6	443.5	519.7
Hungary	1086	892	15.0	29.0	51.5	4.4	0.7	15.8	531.6	524.7	519.9	504.9	491.9	518.9
Iran, Islamic Rep. of	224	224	34.4	37.0	24.8	3.8	0.0	0.0	413.4	428.6	416.6	391.4	.	.
Ireland	440	387	20.1	46.6	31.4	1.9	0.5	11.5	528.6	530.3	528.2	515.2	449.8	520.0
Israel	265	242	27.6	36.8	34.1	1.4	1.2	6.8	478.2	487.1	479.3	444.5	474.6	472.1
Italy	236	218	15.3	32.3	48.0	4.4	4.3	2.9	512.5	497.6	500.0	483.6	512.5	491.0
Japan	147	143	2.9	21.3	64.2	11.6	0.4	1.7	589.6	571.3	554.4	537.8	522.7	559.5
Jordan	225	221	26.3	36.7	32.8	4.1	1.7	0.0	402.2	407.6	425.6	418.9	422.1	.
Kazakhstan	1209	1145	37.7	39.1	22.4	0.9	3.2	1.4	440.1	444.6	444.7	422.9	450.4	422.9
Korea, Rep. of	243	237	21.0	34.2	40.7	4.1	0.0	2.8	550.2	546.6	544.1	530.8	.	535.1
Kuwait	157	154	26.8	32.9	35.6	4.7	0.7	1.1	440.2	410.4	415.1	419.0	388.1	372.6
Lithuania	1096	928	13.7	40.8	41.7	3.8	0.7	12.4	532.8	521.7	513.4	507.9	508.1	520.1
Malaysia	313	313	20.0	41.9	36.9	1.2	0.0	0.0	447.5	432.7	410.2	347.4	.	.
Malta	466	363	20.1	39.4	35.9	4.6	2.1	17.0	493.2	515.7	509.5	465.4	467.5	479.1
Morocco	511	487	17.5	17.7	46.0	18.8	0.7	2.2	335.4	326.8	329.2	313.5	272.4	346.5
New Zealand	211	135	15.4	50.8	33.4	0.5	0.0	39.3	490.5	504.9	489.5	495.1	.	508.4
Norway (9)	310	231	9.5	26.4	59.8	4.3	0.6	23.2	480.6	497.7	490.5	490.3	483.0	478.4
Oman	284	277	38.6	35.6	24.7	1.1	1.5	0.9	459.5	449.1	457.5	454.9	478.9	472.5
Palestinian Nat'l Auth.	199	190	22.9	36.7	39.8	0.6	0.9	2.9	393.3	399.4	386.5	384.4	454.0	374.9
Portugal	521	490	12.4	22.7	61.2	3.7	0.6	5.1	513.8	507.2	504.4	494.7	517.2	499.9
Qatar	242	233	51.1	30.0	17.1	1.8	0.3	1.8	488.4	475.8	471.3	451.2	476.2	485.4
Romania	429	312	20.7	15.4	35.7	28.1	0.6	25.3	457.6	464.0	477.6	475.5	509.6	451.5
Saudi Arabia	214	198	47.0	33.3	18.5	1.2	2.5	5.0	433.2	404.7	413.3	413.5	405.8	413.4
Singapore	345	345	12.4	31.4	51.8	4.4	0.0	0.0	641.2	617.2	594.7	563.9	.	.
South Africa (9)	288	217	26.8	42.5	27.0	3.7	0.2	29.4	373.8	358.7	365.2	373.2	366.9	355.8
Sweden	814	690	7.6	32.3	53.8	6.3	0.5	14.3	537.7	525.4	520.0	517.0	538.3	511.8
Turkiye	189	189	35.2	28.3	34.2	2.4	0.0	0.0	533.0	544.1	517.3	481.7	.	.
United Arab Emirates	1614	1359	59.2	29.4	11.0	0.3	0.9	12.8	495.2	479.2	446.8	342.9	470.9	498.5
United States	672	553	29.7	45.9	23.8	0.6	0.9	10.5	507.4	519.5	516.6	503.6	506.2	506.1
Uzbekistan	668	644	31.3	18.8	43.6	6.3	2.2	1.4	398.8	393.9	396.7	383.8	386.0	387.5
International Avg. (44)	23553	20433	22.8	31.7	39.5	6.1	1.1	11.0	478.9	474.1	469.4	452.4	470.8	465.4
Abu Dhabi, UAE	597	490	51.5	33.5	14.0	1.0	1.0	13.5	456.7	439.3	402.7	342.9	409.0	454.5
Dubai, UAE	432	363	65.2	27.3	7.4	0.0	0.4	11.7	546.6	554.4	541.7	.	543.3	537.7
Sharjah, UAE	307	257	62.8	28.2	9.0	0.0	1.0	15.4	501.4	479.0	467.9	.	510.0	533.2

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students
Location: TQG-12e (BTBG12E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	508	44.0	38.7	13.8	3.5	0.6	35.0	530.9	520.7	508.0	548.9	535.1	512.0
Austria	889	780	17.3	35.4	43.1	4.2	2.1	10.7	512.3	515.0	514.2	516.1	479.7	497.8
Azerbaijan	1140	908	69.2	17.8	12.5	0.5	3.7	14.1	410.1	413.8	408.1	419.3	415.4	414.9
Bahrain	223	219	73.8	21.1	5.1	0.0	1.1	0.0	460.3	424.4	438.9	.	468.3	.
Brazil	916	876	46.4	28.4	24.0	1.3	0.8	4.2	417.6	418.3	424.9	399.4	382.0	441.0
Chile	168	147	31.4	43.1	24.7	0.8	0.7	11.0	460.1	447.4	463.3	467.1	542.0	447.5
Chinese Taipei	239	237	14.2	24.1	55.6	6.1	0.8	0.0	585.3	579.6	566.1	562.5	568.0	.
Cote d'Ivoire	372	182	17.3	23.7	41.9	17.1	0.0	51.6	220.3	165.9	176.2	184.0	.	183.4
Cyprus	775	663	42.4	26.2	28.8	2.5	0.7	13.2	463.7	456.4	468.8	461.4	464.6	471.4
Czech Republic	1348	1250	27.2	35.4	34.1	3.3	0.8	6.4	530.4	523.8	528.9	509.9	545.2	528.7
England	262	117	49.9	28.2	21.6	0.4	2.1	39.8	535.8	510.0	546.4	522.5	583.8	529.5
Finland	1239	1185	28.2	34.6	35.2	2.1	0.5	2.9	537.4	528.7	528.9	520.0	496.3	523.3
France	379	327	19.5	24.5	50.5	5.6	0.6	11.9	486.9	486.6	487.2	504.8	501.4	472.4
Georgia	936	917	42.5	28.5	27.7	1.4	1.8	0.1	448.3	449.0	444.6	463.8	448.9	497.7
Hong Kong SAR	185	115	17.3	32.5	47.3	2.9	1.5	34.9	547.4	549.2	517.1	508.9	509.5	519.7
Hungary	1086	888	23.4	26.6	46.1	3.9	1.1	15.8	525.2	521.3	522.5	518.0	485.6	518.9
Iran, Islamic Rep. of	224	224	70.4	22.8	6.6	0.3	0.0	0.0	421.0	415.2	411.0	420.6	.	.
Ireland	440	385	39.8	38.8	21.2	0.2	2.3	11.5	526.0	536.4	522.6	588.3	494.1	520.0
Israel	265	241	50.1	30.3	18.7	1.0	1.5	6.8	476.8	481.0	498.3	433.5	458.7	472.1
Italy	236	217	49.2	34.9	14.5	1.4	4.9	2.9	501.2	496.5	506.3	499.8	512.8	491.0
Japan	147	143	21.2	34.2	41.1	3.5	0.4	1.7	578.6	555.2	547.1	561.6	522.7	559.5
Jordan	225	220	62.6	22.9	14.0	0.5	1.7	0.0	421.6	399.4	394.3	391.3	422.4	.
Kazakhstan	1209	1142	47.8	28.5	23.2	0.5	3.4	1.4	443.0	443.2	441.9	420.8	451.1	422.9
Korea, Rep. of	243	237	11.9	20.6	54.1	13.4	0.0	2.8	543.9	548.6	547.5	535.2	.	535.1
Kuwait	157	154	60.9	24.6	13.4	1.0	0.7	1.1	432.5	399.9	407.1	374.0	388.1	372.6
Lithuania	1096	927	23.6	45.9	29.4	1.0	0.8	12.4	526.4	516.6	518.3	493.6	514.2	520.1
Malaysia	313	311	40.7	42.2	17.1	0.0	0.6	0.0	435.8	424.9	409.9	.	366.1	.
Malta	466	365	42.5	30.9	24.6	2.0	1.4	17.0	502.3	513.3	509.4	428.4	489.8	479.1
Morocco	511	490	49.5	22.4	25.7	2.5	0.0	2.2	331.4	333.8	311.4	319.5	301.1	346.5
New Zealand	211	135	51.3	32.7	14.3	1.8	0.0	39.3	509.2	483.7	488.5	486.1	.	508.4
Norway (9)	310	231	42.3	38.8	19.0	0.0	0.7	23.2	496.5	487.5	488.0	.	492.1	478.4
Oman	284	276	67.7	22.2	9.1	1.0	1.9	0.9	456.6	447.7	462.0	459.6	479.3	472.5
Palestinian Nat'l Auth.	199	190	62.7	25.9	10.9	0.5	0.9	2.9	397.1	387.2	383.7	344.1	454.0	374.9
Portugal	521	491	21.4	28.3	47.0	3.3	0.3	5.1	513.0	505.2	503.9	490.1	548.4	499.9
Qatar	242	233	85.4	11.4	3.2	0.0	0.3	1.8	479.2	486.8	511.2	.	476.2	485.4
Romania	429	312	61.3	16.1	21.1	1.5	0.6	25.3	470.5	459.6	478.5	492.1	509.6	451.5
Saudi Arabia	214	198	81.1	16.5	2.2	0.2	2.6	5.0	421.5	414.0	399.5	270.3	420.1	413.4
Singapore	345	345	20.1	39.4	39.5	1.0	0.0	0.0	623.3	620.3	584.3	564.9	.	.
South Africa (9)	288	218	36.0	31.1	31.8	1.1	0.0	29.4	354.5	373.0	364.3	513.6	.	355.8
Sweden	814	691	34.7	43.0	21.3	1.1	0.5	14.3	529.5	524.5	510.0	498.4	540.2	511.8
Turkiye	189	189	36.7	22.2	38.7	2.5	0.0	0.0	534.8	532.7	524.3	504.3	.	.
United Arab Emirates	1614	1358	77.7	18.1	4.2	0.0	1.0	12.8	490.2	471.1	438.0	.	479.9	498.5
United States	672	553	60.0	28.7	11.1	0.2	0.9	10.5	513.0	519.5	514.2	546.1	506.2	506.1
Uzbekistan	668	645	41.1	19.6	30.0	9.2	2.1	1.4	400.8	390.0	392.8	398.0	385.8	387.5
International Avg. (44)	23553	20440	43.5	28.7	25.4	2.4	1.1	11.0	477.3	469.9	468.5	465.2	476.7	465.4
Abu Dhabi, UAE	597	490	74.7	19.9	5.4	0.0	1.0	13.5	450.3	419.7	408.2	.	423.8	454.5
Dubai, UAE	432	362	80.6	18.2	1.3	0.0	0.8	11.7	548.6	545.3	582.6	.	542.8	537.7
Sharjah, UAE	307	256	79.0	15.5	5.5	0.0	1.3	15.4	496.9	482.6	454.4	.	486.1	533.2

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge
Location: TQG-12f (BTBG12F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	507	67.0	27.0	5.9	0.0	0.7	35.0	525.8	521.0	524.6	.	536.6	512.0
Austria	889	779	60.2	31.1	8.7	0.1	2.2	10.7	517.7	509.9	506.3	350.2	483.3	497.8
Azerbaijan	1140	908	82.2	13.3	4.3	0.2	4.0	14.1	411.1	407.8	411.1	472.5	411.1	414.9
Bahrain	223	219	83.9	12.5	3.6	0.0	1.1	0.0	460.1	408.5	404.4	.	468.3	.
Brazil	916	879	58.7	28.7	12.5	0.2	0.7	4.2	418.9	420.5	418.7	384.6	385.9	441.0
Chile	168	146	69.7	24.7	5.6	0.0	1.3	11.0	457.2	452.6	452.5	.	478.8	447.5
Chinese Taipei	239	237	31.0	51.5	15.5	2.0	0.8	0.0	574.2	577.9	551.2	539.1	568.0	.
Cote d'Ivoire	372	182	54.3	19.3	23.2	3.2	0.0	51.6	186.0	174.2	183.0	174.8	.	183.4
Cyprus	775	662	80.7	16.0	3.3	0.0	0.8	13.2	462.6	464.2	472.9	.	462.0	471.4
Czech Republic	1348	1249	76.6	21.0	2.4	0.0	0.7	6.4	527.1	526.5	523.1	.	548.8	528.7
England	262	117	85.9	13.7	0.4	0.0	2.1	39.8	527.4	552.3	522.5	.	583.8	529.5
Finland	1239	1186	63.1	30.1	6.6	0.2	0.4	2.9	534.2	524.4	531.2	513.1	492.2	523.3
France	379	326	51.4	30.2	18.4	0.0	1.0	11.9	489.9	478.3	498.5	.	497.6	472.4
Georgia	936	922	92.2	7.2	0.5	0.1	1.3	0.1	447.8	443.1	458.3	440.4	461.3	497.7
Hong Kong SAR	185	116	40.0	42.4	17.6	0.0	0.9	34.9	554.4	525.4	504.1	.	443.5	519.7
Hungary	1086	892	84.3	14.0	1.7	0.0	0.7	15.8	523.8	514.1	524.7	.	489.9	518.9
Iran, Islamic Rep. of	224	224	72.4	19.9	7.4	0.3	0.0	0.0	421.9	413.7	405.1	420.6	.	.
Ireland	440	387	71.9	26.1	2.0	0.0	0.5	11.5	525.7	539.2	514.0	.	449.8	520.0
Israel	265	241	73.2	20.9	5.9	0.0	1.5	6.8	484.4	475.3	466.8	.	471.2	472.1
Italy	236	218	82.6	14.9	2.2	0.3	4.3	2.9	500.6	500.3	498.3	457.8	512.5	491.0
Japan	147	143	28.0	52.5	19.5	0.0	0.4	1.7	563.5	555.0	553.4	.	522.7	559.5
Jordan	225	221	82.8	12.6	4.4	0.2	1.7	0.0	416.7	387.2	406.6	427.2	422.1	.
Kazakhstan	1209	1145	80.8	15.2	4.0	0.0	3.3	1.4	442.9	441.2	444.4	569.0	450.5	422.9
Korea, Rep. of	243	237	33.7	43.3	22.3	0.7	0.0	2.8	547.8	545.6	544.1	503.8	.	535.1
Kuwait	157	153	78.5	18.3	3.1	0.0	1.1	1.1	424.0	407.4	400.5	.	420.7	372.6
Lithuania	1096	926	80.7	17.9	1.4	0.0	0.8	12.4	521.7	510.4	495.0	.	507.1	520.1
Malaysia	313	313	46.5	42.3	11.3	0.0	0.0	0.0	437.3	418.2	412.3	.	.	.
Malta	466	364	67.4	26.1	6.4	0.0	1.6	17.0	513.2	497.9	460.6	.	496.7	479.1
Morocco	511	489	81.1	15.1	3.9	0.0	0.3	2.2	326.4	334.2	304.5	332.2	260.9	346.5
New Zealand	211	134	63.0	29.4	7.6	0.0	0.3	39.3	498.5	484.2	532.5	.	621.0	508.4
Norway (9)	310	232	46.8	46.3	6.8	0.0	0.3	23.2	485.5	498.3	485.9	.	480.5	478.4
Oman	284	276	83.0	13.5	2.6	0.9	2.0	0.9	456.7	438.5	477.6	474.1	487.3	472.5
Palestinian Nat'l Auth.	199	190	91.0	7.5	1.5	0.0	0.9	2.9	394.8	374.8	359.7	.	454.0	374.9
Portugal	521	491	71.5	18.9	9.5	0.0	0.3	5.1	507.5	500.9	502.5	.	548.4	499.9
Qatar	242	233	92.7	4.6	2.8	0.0	0.3	1.8	476.0	529.4	569.5	.	476.2	485.4
Romania	429	311	91.6	5.9	2.5	0.0	0.9	25.3	472.0	446.3	476.1	.	510.9	451.5
Saudi Arabia	214	198	91.3	8.7	0.0	0.0	2.6	5.0	418.3	431.4	.	.	420.1	413.4
Singapore	345	345	57.3	35.3	7.4	0.0	0.0	0.0	613.7	599.1	581.6	.	.	.
South Africa (9)	288	218	68.6	22.8	8.6	0.0	0.0	29.4	357.8	386.4	365.7	.	.	355.8
Sweden	814	690	53.7	36.4	10.0	0.0	0.5	14.3	525.7	516.9	529.3	.	538.3	511.8
Turkiye	189	189	75.8	20.3	3.9	0.0	0.0	0.0	531.5	520.0	540.6	.	.	.
United Arab Emirates	1614	1359	87.2	11.1	1.8	0.0	0.9	12.8	487.1	468.9	461.1	.	468.5	498.5
United States	672	553	71.1	24.4	4.5	0.0	0.9	10.5	511.0	524.6	528.8	.	506.2	506.1
Uzbekistan	668	646	87.1	9.3	3.4	0.2	1.9	1.4	395.6	394.7	406.5	401.0	388.8	387.5
International Avg. (44)	23553	20453	70.3	22.8	6.7	0.2	1.0	11.0	474.5	469.1	470.0	430.7	479.1	465.4
Abu Dhabi, UAE	597	491	86.8	11.3	1.9	0.0	0.9	13.5	445.8	420.3	400.4	.	410.6	454.5
Dubai, UAE	432	363	88.5	10.5	1.0	0.0	0.4	11.7	549.6	541.4	509.9	.	543.3	537.7
Sharjah, UAE	307	255	85.8	11.9	2.3	0.0	1.5	15.4	493.8	474.8	532.6	.	482.6	533.2

Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures
Location: TQG-12g (BTBG12G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	508	9.1	41.9	42.8	6.2	0.6	35.0	535.6	521.3	524.7	526.8	535.1	512.0
Austria	889	779	18.8	42.3	35.4	3.6	2.2	10.7	518.9	515.2	509.8	520.7	483.4	497.8
Azerbaijan	1140	906	61.2	19.6	18.2	0.9	4.3	14.1	408.2	423.3	405.9	411.7	410.5	414.9
Bahrain	223	219	45.0	37.2	16.9	0.9	1.1	0.0	466.8	433.6	449.7	473.0	468.3	.
Brazil	916	879	38.7	29.0	28.9	3.5	0.6	4.2	422.7	416.9	411.8	463.7	379.0	441.0
Chile	168	147	32.3	35.2	29.9	2.6	0.7	11.0	448.9	456.8	461.2	454.0	542.0	447.5
Chinese Taipei	239	237	7.6	31.9	52.4	8.1	0.8	0.0	577.6	574.8	573.4	545.1	568.0	.
Cote d'Ivoire	372	181	33.5	15.5	32.1	18.8	0.4	51.6	203.9	151.2	170.3	188.5	266.6	183.4
Cyprus	775	664	28.9	29.0	38.3	3.8	0.6	13.2	466.7	456.1	466.6	456.8	460.6	471.4
Czech Republic	1348	1248	22.9	37.5	37.8	1.8	0.9	6.4	528.6	528.0	525.5	510.7	542.4	528.7
England	262	117	16.0	31.8	48.7	3.5	2.1	39.8	545.5	541.2	518.4	541.5	583.8	529.5
Finland	1239	1185	9.5	26.0	57.2	7.4	0.5	2.9	538.2	538.6	527.1	525.7	496.3	523.3
France	379	327	13.8	15.3	61.5	9.4	0.6	11.9	489.3	477.3	489.2	495.4	501.4	472.4
Georgia	936	923	49.4	33.6	16.6	0.3	1.1	0.1	450.2	443.5	447.9	480.8	450.2	497.7
Hong Kong SAR	185	116	11.8	36.3	47.4	4.5	0.9	34.9	564.5	520.6	535.6	529.3	443.5	519.7
Hungary	1086	892	21.7	31.8	42.7	3.8	0.7	15.8	525.3	525.4	518.5	524.5	494.6	518.9
Iran, Islamic Rep. of	224	224	42.8	37.5	19.7	0.0	0.0	0.0	420.9	421.9	409.2	.	.	.
Ireland	440	386	11.9	33.9	45.5	8.8	0.6	11.5	527.3	527.0	528.8	539.5	470.7	520.0
Israel	265	240	25.0	18.6	46.9	9.5	1.8	6.8	461.3	474.1	496.8	477.2	453.4	471.1
Italy	236	218	31.4	34.0	32.4	2.1	4.3	2.9	508.1	498.5	497.7	459.1	512.5	491.0
Japan	147	143	11.9	36.9	47.8	3.4	0.4	1.7	576.5	563.7	546.4	566.4	522.7	559.5
Jordan	225	219	45.5	32.5	18.8	3.1	2.3	0.0	417.7	417.9	392.5	399.9	424.7	.
Kazakhstan	1209	1145	57.5	26.9	14.9	0.7	3.3	1.4	440.9	444.4	447.3	444.0	448.5	422.9
Korea, Rep. of	243	237	19.7	34.7	37.3	8.3	0.0	2.8	547.2	549.3	540.8	548.9	.	535.1
Kuwait	157	153	34.0	38.1	25.7	2.2	1.1	1.1	427.5	411.9	426.1	376.8	435.1	372.6
Lithuania	1096	925	14.9	40.4	41.5	3.2	1.0	12.4	523.7	520.5	517.1	511.6	509.4	520.1
Malaysia	313	313	14.0	37.5	45.9	2.6	0.0	0.0	440.7	435.2	418.2	367.9	.	.
Malta	466	364	17.7	29.2	43.8	9.3	1.8	17.0	492.1	505.8	521.0	470.8	455.4	479.1
Morocco	511	489	36.7	21.3	36.9	5.2	0.3	2.2	335.4	326.4	321.0	307.5	260.9	346.5
New Zealand	211	135	10.7	41.4	46.1	1.8	0.0	39.3	526.3	483.0	506.0	440.5	.	508.4
Norway (9)	310	232	12.6	33.6	51.0	2.9	0.3	23.2	483.3	493.5	493.3	469.5	480.5	478.4
Oman	284	275	52.1	30.3	17.6	0.0	2.2	0.9	458.3	444.6	462.6	.	485.0	472.5
Palestinian Nat'l Auth.	199	189	29.1	38.0	31.7	1.2	1.5	2.9	393.6	398.5	385.2	386.2	438.2	374.9
Portugal	521	491	13.2	25.9	56.7	4.2	0.3	5.1	506.3	509.5	504.5	496.9	548.4	499.9
Qatar	242	233	52.0	34.5	13.3	0.2	0.3	1.8	477.6	481.4	493.3	510.8	476.2	485.4
Romania	429	311	45.8	15.9	37.8	0.5	0.8	25.3	472.8	458.4	473.1	473.3	513.2	451.5
Saudi Arabia	214	198	54.2	29.7	15.6	0.5	2.6	5.0	421.5	413.6	423.3	418.5	420.1	413.4
Singapore	345	345	6.9	19.8	60.7	12.6	0.0	0.0	630.2	614.8	605.9	580.5	.	.
South Africa (9)	288	217	21.2	32.7	41.7	4.3	0.3	29.4	360.0	380.6	357.8	346.3	316.7	355.8
Sweden	814	691	12.6	32.5	49.1	5.7	0.5	14.3	521.7	530.2	517.9	525.9	540.2	511.8
Turkiye	189	188	55.7	27.3	17.0	0.0	0.4	0.0	533.9	529.4	515.0	.	548.6	.
United Arab Emirates	1614	1361	51.0	30.0	18.2	0.8	0.7	12.8	488.0	490.6	468.4	409.0	477.6	498.5
United States	672	553	28.2	37.7	30.9	3.2	0.9	10.5	507.6	519.7	515.3	524.5	506.2	506.1
Uzbekistan	668	644	53.3	17.0	27.9	1.8	2.4	1.4	396.1	391.7	398.9	401.6	379.1	387.5
International Avg. (44)	23553	20447	29.1	30.9	35.9	4.0	1.1	11.0	477.0	471.8	470.9	465.9	467.9	465.4
Abu Dhabi, UAE	597	491	46.0	30.7	22.5	0.8	0.9	13.5	455.1	453.9	402.9	347.2	410.6	454.5
Dubai, UAE	432	363	45.5	34.7	18.2	1.7	0.4	11.7	543.8	554.3	558.3	440.5	543.3	537.7
Sharjah, UAE	307	256	58.8	24.0	17.1	0.0	1.3	15.4	501.0	474.0	487.9	.	492.1	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students lacking prerequisite knowledge or skills
Location: TQG-13a (BTBG13A)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	16.2	65.9	18.0	1.8	35.0	553.7	526.7	493.5	505.1	512.0
Austria	889	782	15.9	62.1	22.0	1.5	10.7	553.3	517.1	475.2	500.0	497.8
Azerbaijan	1140	896	28.2	61.9	9.9	5.0	14.1	408.7	410.9	410.5	419.1	414.9
Bahrain	223	220	21.4	66.4	12.2	1.1	0.0	467.9	449.1	432.1	525.2	.
Brazil	916	875	16.0	54.7	29.2	0.7	4.2	451.6	417.8	404.2	394.9	441.0
Chile	168	147	5.7	58.0	36.3	0.7	11.0	496.9	456.8	446.8	542.0	447.5
Chinese Taipei	239	236	10.8	53.6	35.6	0.9	0.0	605.1	579.0	551.2	561.7	.
Cote d'Ivoire	372	180	10.5	55.7	33.8	0.6	51.6	211.6	184.3	172.8	131.1	183.4
Cyprus	775	661	9.5	57.4	33.1	1.0	13.2	491.7	471.7	440.9	441.8	471.4
Czech Republic	1348	1251	14.3	75.1	10.6	0.7	6.4	559.5	523.8	506.5	528.8	528.7
England	262	116	6.5	69.9	23.5	2.2	39.8	597.3	534.1	503.4	574.3	529.5
Finland	1239	1182	15.9	66.7	17.4	0.8	2.9	562.4	532.9	493.9	544.2	523.3
France	379	326	9.5	66.5	24.0	0.7	11.9	505.4	492.8	468.4	478.3	472.4
Georgia	936	912	12.4	77.1	10.5	2.1	0.1	455.2	447.6	441.7	439.7	497.7
Hong Kong SAR	185	116	15.9	71.9	12.2	0.9	34.9	558.7	537.6	474.4	443.5	519.7
Hungary	1086	888	18.9	64.9	16.2	1.0	15.8	546.8	523.2	491.6	487.3	518.9
Iran, Islamic Rep. of	224	222	9.7	58.5	31.9	1.0	0.0	411.1	423.7	409.9	514.4	.
Ireland	440	381	17.2	71.4	11.4	1.4	11.5	532.0	528.8	524.5	508.0	520.0
Israel	265	244	15.1	51.0	33.9	0.3	6.8	531.5	480.9	459.7	451.4	472.1
Italy	236	217	14.9	58.1	27.0	4.9	2.9	500.7	505.1	488.7	517.8	491.0
Japan	147	143	34.4	60.5	5.1	0.4	1.7	568.2	551.8	544.5	522.7	559.5
Jordan	225	219	9.7	53.3	37.0	2.3	0.0	402.2	419.2	404.2	443.8	.
Kazakhstan	1209	1150	33.8	57.7	8.5	3.2	1.4	441.0	442.2	453.8	449.8	422.9
Korea, Rep. of	243	235	39.3	49.8	11.0	1.3	2.8	550.2	544.1	538.7	529.6	535.1
Kuwait	157	153	12.0	77.0	11.0	1.1	1.1	450.6	418.7	397.4	424.1	372.6
Lithuania	1096	929	8.6	60.1	31.2	0.8	12.4	542.6	524.2	502.7	531.7	520.1
Malaysia	313	313	11.5	62.0	26.5	0.0	0.0	473.4	433.2	390.1	.	.
Malta	466	366	14.4	58.9	26.7	1.2	17.0	544.2	518.1	459.6	466.3	479.1
Morocco	511	482	7.6	45.3	47.0	1.6	2.2	331.4	335.0	318.2	307.3	346.5
New Zealand	211	135	14.4	60.4	25.3	0.0	39.3	505.5	506.6	471.1	.	508.4
Norway (9)	310	232	10.8	67.6	21.5	0.3	23.2	491.8	495.5	478.7	465.5	478.4
Oman	284	278	15.2	65.6	19.2	1.0	0.9	460.7	456.9	446.4	469.7	472.5
Palestinian Nat'l Auth.	199	186	4.8	52.4	42.8	2.8	2.9	434.2	396.1	384.6	406.3	374.9
Portugal	521	489	5.4	59.3	35.3	0.9	5.1	534.6	514.1	486.8	543.4	499.9
Qatar	242	232	20.5	66.6	12.8	0.6	1.8	490.3	481.2	464.7	493.7	485.4
Romania	429	311	14.6	75.1	10.3	0.7	25.3	476.1	470.1	468.9	498.8	451.5
Saudi Arabia	214	198	9.2	61.2	29.7	2.6	5.0	415.8	419.1	422.3	406.9	413.4
Singapore	345	344	24.8	64.1	11.2	0.2	0.0	641.3	604.4	538.3	606.7	.
South Africa (9)	288	216	10.3	59.7	30.0	0.5	29.4	341.9	376.7	350.3	343.0	355.8
Sweden	814	691	14.3	63.5	22.2	0.5	14.3	547.3	526.2	497.6	540.2	511.8
Turkiye	189	188	7.4	53.3	39.3	0.4	0.0	598.4	541.6	500.6	473.0	.
United Arab Emirates	1614	1356	18.7	66.8	14.5	1.1	12.8	526.9	483.7	433.8	482.7	498.5
United States	672	551	10.6	61.7	27.8	1.9	10.5	547.4	522.4	484.6	536.4	506.1
Uzbekistan	668	636	38.4	55.1	6.5	3.3	1.4	402.3	390.5	399.2	400.6	387.5
International Avg. (44)	23553	20385	15.3	61.9	22.7	1.3	11.0	493.6	475.4	452.9	472.6	465.4
Abu Dhabi, UAE	597	490	15.3	64.7	20.0	1.4	13.5	511.3	441.9	387.4	449.3	454.5
Dubai, UAE	432	363	22.5	68.6	9.0	0.4	11.7	576.6	543.2	517.4	543.3	537.7
Sharjah, UAE	307	254	20.7	66.5	12.8	1.3	15.4	512.0	491.2	464.8	502.6	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from lack of basic nutrition
Location: TQG-13b (BTBG13B)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	499	67.7	25.3	7.0	1.9	35.0	537.5	496.2	509.6	504.8	512.0
Austria	889	781	90.1	9.1	0.7	1.6	10.7	517.7	479.2	440.5	502.5	497.8
Azerbaijan	1140	887	57.4	36.6	6.0	5.8	14.1	408.8	412.1	414.0	416.8	414.9
Bahrain	223	219	39.4	49.8	10.8	1.2	0.0	465.6	447.2	416.3	514.0	.
Brazil	916	874	55.2	35.4	9.4	0.7	4.2	431.1	396.1	436.5	396.6	441.0
Chile	168	147	50.8	37.9	11.3	0.7	11.0	464.7	447.7	439.8	542.0	447.5
Chinese Taipei	239	236	58.1	32.4	9.5	0.9	0.0	577.6	564.5	562.4	561.7	.
Cote d'Ivoire	372	178	38.2	44.3	17.4	1.2	51.6	196.9	171.2	173.0	235.3	183.4
Cyprus	775	661	72.4	25.3	2.3	0.9	13.2	467.4	454.4	430.8	450.9	471.4
Czech Republic	1348	1245	97.7	2.0	0.2	1.1	6.4	526.6	527.0	528.1	558.6	528.7
England	262	116	61.8	36.0	2.2	2.2	39.8	543.8	509.7	520.4	574.3	529.5
Finland	1239	1182	79.7	19.3	1.0	0.9	2.9	533.7	520.1	494.4	550.9	523.3
France	379	324	65.5	31.3	3.3	1.1	11.9	493.2	480.0	468.4	471.9	472.4
Georgia	936	906	27.3	56.9	15.8	2.6	0.1	454.5	444.8	448.1	436.9	497.7
Hong Kong SAR	185	116	70.6	28.4	1.1	0.9	34.9	536.9	523.5	548.1	443.5	519.7
Hungary	1086	886	80.4	16.2	3.4	1.1	15.8	526.8	511.4	475.4	491.6	518.9
Iran, Islamic Rep. of	224	222	29.5	59.9	10.7	1.0	0.0	436.9	411.6	402.3	514.4	.
Ireland	440	382	79.3	20.2	0.6	1.3	11.5	535.2	504.9	504.0	504.7	520.0
Israel	265	243	66.8	25.9	7.3	0.7	6.8	495.5	454.3	452.4	421.6	472.1
Italy	236	217	75.3	22.9	1.9	4.9	2.9	499.2	501.6	515.6	517.8	491.0
Japan	147	143	95.5	4.5	0.0	0.4	1.7	557.2	553.2	.	522.7	559.5
Jordan	225	219	19.4	53.9	26.7	2.3	0.0	404.6	414.0	413.3	443.8	.
Kazakhstan	1209	1144	66.0	30.7	3.3	3.5	1.4	450.1	427.8	430.3	452.4	422.9
Korea, Rep. of	243	235	63.5	30.8	5.7	1.3	2.8	548.1	544.1	531.3	529.6	535.1
Kuwait	157	153	36.1	50.2	13.7	1.1	1.1	450.1	404.9	394.1	462.7	372.6
Lithuania	1096	928	55.4	36.0	8.6	0.8	12.4	519.1	518.0	522.8	539.5	520.1
Malaysia	313	313	57.6	38.6	3.9	0.0	0.0	441.6	408.5	378.2	.	.
Malta	466	365	77.8	18.9	3.3	1.6	17.0	516.2	475.6	472.6	432.7	479.1
Morocco	511	483	20.6	55.4	23.9	1.5	2.2	336.8	327.0	318.7	293.4	346.5
New Zealand	211	133	61.0	33.3	5.7	1.5	39.3	513.8	476.0	452.1	491.0	508.4
Norway (9)	310	231	50.5	46.9	2.6	0.6	23.2	495.8	488.7	465.4	452.9	478.4
Oman	284	277	27.0	60.3	12.7	1.1	0.9	463.8	454.2	443.3	469.9	472.5
Palestinian Nat'l Auth.	199	186	14.8	63.3	21.9	2.8	2.9	397.9	398.2	374.8	406.3	374.9
Portugal	521	486	80.6	12.6	6.8	1.6	5.1	508.3	489.2	501.2	534.7	499.9
Qatar	242	231	60.7	34.1	5.2	0.8	1.8	494.7	460.2	458.5	482.4	485.4
Romania	429	312	53.5	44.2	2.3	0.6	25.3	478.9	462.9	433.4	509.6	451.5
Saudi Arabia	214	198	21.0	53.1	25.9	2.5	5.0	424.8	418.0	419.5	405.8	413.4
Singapore	345	344	90.1	8.9	1.0	0.2	0.0	615.2	523.2	529.8	606.7	.
South Africa (9)	288	217	34.7	54.2	11.1	0.3	29.4	378.3	358.0	361.3	284.6	355.8
Sweden	814	687	67.0	32.7	0.3	0.9	14.3	523.8	520.6	511.2	546.7	511.8
Turkiye	189	189	44.3	43.3	12.4	0.0	0.0	551.0	519.8	486.8	.	.
United Arab Emirates	1614	1354	65.0	29.5	5.5	1.2	12.8	499.7	457.8	447.3	489.3	498.5
United States	672	549	49.5	47.9	2.6	2.4	10.5	534.0	496.7	509.8	496.5	506.1
Uzbekistan	668	634	67.5	24.3	8.2	3.6	1.4	396.3	395.5	390.1	401.1	387.5
International Avg. (44)	23553	20332	57.8	34.6	7.6	1.5	11.0	480.7	460.2	451.8	473.0	465.4
Abu Dhabi, UAE	597	489	66.1	28.2	5.7	1.6	13.5	446.6	437.8	396.9	465.6	454.5
Dubai, UAE	432	362	78.2	17.9	3.9	0.5	11.7	558.9	511.2	509.7	536.4	537.7
Sharjah, UAE	307	255	58.7	33.8	7.4	1.2	15.4	510.1	468.0	458.8	509.1	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from not enough sleep
Location: TQG-13c (BTBG13C)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	21.0	56.0	23.0	1.8	35.0	546.2	525.6	504.6	505.1	512.0
Austria	889	781	31.2	56.5	12.3	1.6	10.7	530.6	510.4	485.1	502.5	497.8
Azerbaijan	1140	884	47.7	43.5	8.8	6.0	14.1	408.5	412.0	413.9	414.7	414.9
Bahrain	223	219	28.3	54.6	17.1	1.5	0.0	476.9	440.0	445.9	476.6	.
Brazil	916	873	20.8	57.4	21.9	0.8	4.2	420.0	416.9	424.5	397.7	441.0
Chile	168	147	10.2	44.7	45.1	0.7	11.0	489.5	445.1	458.0	542.0	447.5
Chinese Taipei	239	236	18.9	49.6	31.5	0.9	0.0	588.5	571.1	563.3	561.7	.
Cote d'Ivoire	372	179	39.9	40.5	19.7	0.9	51.6	191.0	157.3	214.3	222.4	183.4
Cyprus	775	662	35.6	53.7	10.7	0.8	13.2	469.3	462.3	448.3	450.7	471.4
Czech Republic	1348	1245	42.7	53.5	3.8	1.2	6.4	530.6	524.9	510.2	550.0	528.7
England	262	116	27.0	58.0	15.0	2.2	39.8	550.6	531.0	495.8	574.3	529.5
Finland	1239	1182	15.2	71.6	13.2	0.9	2.9	541.4	529.8	522.8	550.9	523.3
France	379	325	15.5	59.9	24.6	0.9	11.9	512.8	489.0	470.6	479.8	472.4
Georgia	936	906	21.3	56.6	22.1	2.7	0.1	447.2	448.0	448.7	437.5	497.7
Hong Kong SAR	185	115	16.3	68.2	15.4	1.7	34.9	531.9	539.0	505.2	508.9	519.7
Hungary	1086	885	28.8	58.1	13.2	1.4	15.8	530.9	523.1	502.8	490.3	518.9
Iran, Islamic Rep. of	224	222	14.7	62.5	22.8	1.0	0.0	424.0	416.6	418.3	514.4	.
Ireland	440	383	26.1	55.9	18.0	1.2	11.5	539.1	531.5	506.4	500.4	520.0
Israel	265	244	23.7	50.4	25.9	0.3	6.8	498.8	488.8	451.1	451.4	472.1
Italy	236	217	33.0	52.7	14.3	4.9	2.9	501.4	502.3	488.8	517.8	491.0
Japan	147	143	48.0	51.2	0.9	0.4	1.7	561.1	553.5	542.6	522.7	559.5
Jordan	225	219	18.5	60.1	21.3	2.3	0.0	396.8	411.6	426.5	443.8	.
Kazakhstan	1209	1143	45.4	47.6	7.0	3.7	1.4	453.9	433.3	433.8	450.2	422.9
Korea, Rep. of	243	235	27.1	50.5	22.5	1.3	2.8	550.0	544.5	544.0	529.6	535.1
Kuwait	157	152	11.2	60.4	28.4	0.9	1.1	481.6	420.8	394.1	447.6	372.6
Lithuania	1096	929	21.3	54.6	24.1	0.7	12.4	520.1	519.4	517.6	522.6	520.1
Malaysia	313	313	25.3	61.2	13.5	0.0	0.0	459.6	418.0	402.1	.	.
Malta	466	364	32.9	57.2	9.9	2.0	17.0	510.4	506.6	499.4	445.6	479.1
Morocco	511	480	8.9	55.2	35.9	1.8	2.2	301.3	328.9	329.9	311.3	346.5
New Zealand	211	135	19.0	58.5	22.4	0.0	39.3	528.3	498.7	468.2	.	508.4
Norway (9)	310	232	19.7	64.3	16.0	0.3	23.2	496.8	493.0	479.1	465.5	478.4
Oman	284	278	22.7	56.1	21.2	1.0	0.9	460.7	456.7	446.6	469.7	472.5
Palestinian Nat'l Auth.	199	186	16.3	54.1	29.6	2.8	2.9	396.8	397.2	383.3	406.3	374.9
Portugal	521	488	22.3	57.0	20.6	1.1	5.1	515.2	505.7	494.9	533.6	499.9
Qatar	242	232	19.6	70.3	10.1	0.6	1.8	486.6	484.5	445.7	493.7	485.4
Romania	429	312	31.5	55.2	13.3	0.6	25.3	477.7	468.4	463.9	509.6	451.5
Saudi Arabia	214	199	10.8	48.5	40.7	2.1	5.0	450.5	417.1	414.2	415.3	413.4
Singapore	345	344	28.8	59.9	11.3	0.2	0.0	630.6	597.1	592.2	606.7	.
South Africa (9)	288	217	29.6	59.5	11.0	0.3	29.4	350.9	368.0	390.3	284.6	355.8
Sweden	814	690	27.1	67.3	5.6	0.5	14.3	538.8	517.1	515.7	538.3	511.8
Turkiye	189	189	17.7	61.6	20.8	0.0	0.0	557.1	533.0	495.8	.	.
United Arab Emirates	1614	1356	31.5	58.0	10.5	1.2	12.8	517.5	473.5	445.4	491.0	498.5
United States	672	550	14.7	62.2	23.1	1.8	10.5	538.0	513.4	503.9	524.4	506.1
Uzbekistan	668	632	60.8	29.2	10.0	3.9	1.4	397.4	393.3	391.0	400.8	387.5
International Avg. (44)	23553	20339	25.6	56.0	18.4	1.4	11.0	484.3	470.9	461.3	474.7	465.4
Abu Dhabi, UAE	597	490	25.1	62.7	12.3	1.6	13.5	471.8	432.2	425.1	466.9	454.5
Dubai, UAE	432	362	39.9	52.6	7.5	0.5	11.7	567.9	541.8	490.7	539.7	537.7
Sharjah, UAE	307	255	35.4	56.6	8.0	1.2	15.4	516.8	480.1	467.1	509.1	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students absent from class
Location: TQG-13d (BTBG13D)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	14.0	61.6	24.4	1.8	35.0	543.4	527.2	509.3	505.1	512.0
Austria	889	780	25.4	62.7	11.8	1.6	10.7	539.5	508.1	487.1	504.1	497.8
Azerbaijan	1140	890	27.5	57.7	14.8	5.5	14.1	411.8	409.7	410.7	415.8	414.9
Bahrain	223	220	32.1	58.7	9.2	1.1	0.0	454.6	447.1	464.1	525.2	.
Brazil	916	875	21.4	52.2	26.4	0.7	4.2	444.6	412.6	411.8	394.9	441.0
Chile	168	147	6.7	49.6	43.6	0.7	11.0	497.3	453.3	451.5	542.0	447.5
Chinese Taipei	239	234	42.0	41.6	16.3	1.6	0.0	587.5	564.5	551.8	555.7	.
Cote d'Ivoire	372	179	16.2	55.0	28.8	0.8	51.6	214.3	166.0	199.4	138.3	183.4
Cyprus	775	661	29.7	57.0	13.3	0.9	13.2	472.0	464.0	441.3	444.9	471.4
Czech Republic	1348	1249	19.2	73.7	7.1	0.9	6.4	541.3	525.4	502.4	552.2	528.7
England	262	116	10.4	65.0	24.6	2.2	39.8	579.3	529.1	515.6	574.3	529.5
Finland	1239	1181	19.3	65.4	15.3	0.8	2.9	548.5	530.9	507.8	538.9	523.3
France	379	326	26.1	58.5	15.5	0.9	11.9	511.8	483.8	463.2	504.7	472.4
Georgia	936	909	13.5	58.4	28.1	2.4	0.1	454.6	447.3	445.7	444.0	497.7
Hong Kong SAR	185	116	54.3	41.0	4.7	0.9	34.9	543.8	525.5	479.3	443.5	519.7
Hungary	1086	885	28.8	58.2	13.1	1.2	15.8	529.6	525.2	495.2	495.3	518.9
Iran, Islamic Rep. of	224	221	20.6	60.9	18.5	1.5	0.0	420.6	419.1	410.9	493.2	.
Ireland	440	383	8.3	62.6	29.1	1.2	11.5	542.3	536.0	510.1	500.4	520.0
Israel	265	244	15.8	49.4	34.8	0.3	6.8	511.2	492.7	451.8	451.4	472.1
Italy	236	217	28.1	51.7	20.2	4.9	2.9	502.8	503.0	488.6	517.8	491.0
Japan	147	143	39.1	57.2	3.7	0.4	1.7	565.3	551.3	559.5	522.7	559.5
Jordan	225	219	15.7	66.7	17.7	2.3	0.0	416.8	405.6	432.1	443.8	.
Kazakhstan	1209	1144	30.1	55.2	14.7	3.6	1.4	446.5	441.1	439.2	457.1	422.9
Korea, Rep. of	243	234	35.5	49.1	15.4	1.4	2.8	549.7	545.0	539.8	531.2	535.1
Kuwait	157	154	20.4	69.0	10.6	0.4	1.1	415.0	423.4	408.1	458.2	372.6
Lithuania	1096	930	11.2	45.6	43.2	0.6	12.4	527.9	519.7	516.0	538.1	520.1
Malaysia	313	313	23.7	57.5	18.8	0.0	0.0	480.3	421.5	373.4	.	.
Malta	466	366	26.1	55.7	18.2	1.2	17.0	521.3	509.3	475.3	466.3	479.1
Morocco	511	482	13.8	49.8	36.3	1.7	2.2	320.3	327.4	330.1	276.7	346.5
New Zealand	211	135	7.6	52.3	40.1	0.0	39.3	506.4	512.5	476.3	.	508.4
Norway (9)	310	232	16.3	66.6	17.1	0.3	23.2	489.8	495.1	479.1	465.5	478.4
Oman	284	278	32.3	45.0	22.7	1.0	0.9	460.7	453.1	452.6	469.7	472.5
Palestinian Nat'l Auth.	199	185	10.5	65.2	24.3	3.3	2.9	407.8	392.2	388.5	405.9	374.9
Portugal	521	488	34.7	46.4	18.9	1.1	5.1	523.6	499.9	486.5	533.6	499.9
Qatar	242	232	28.6	61.2	10.2	0.6	1.8	494.9	478.3	458.1	493.7	485.4
Romania	429	312	44.9	48.1	7.1	0.6	25.3	474.7	467.2	469.8	509.6	451.5
Saudi Arabia	214	199	10.5	43.7	45.9	2.1	5.0	434.0	415.7	419.8	415.3	413.4
Singapore	345	344	45.5	45.9	8.7	0.2	0.0	650.4	582.0	501.8	606.7	.
South Africa (9)	288	217	15.9	63.4	20.6	0.3	29.4	388.2	363.4	353.9	284.6	355.8
Sweden	814	689	18.7	64.3	17.0	0.6	14.3	540.1	522.5	505.5	533.1	511.8
Turkiye	189	189	35.4	50.6	14.1	0.0	0.0	551.6	526.0	486.5	.	.
United Arab Emirates	1614	1355	25.4	65.2	9.4	1.2	12.8	501.4	482.3	454.1	485.6	498.5
United States	672	551	9.6	64.5	25.9	1.7	10.5	549.6	514.3	502.9	528.5	506.1
Uzbekistan	668	631	37.7	46.6	15.8	4.0	1.4	402.1	391.5	390.9	404.9	387.5
International Avg. (44)	23553	20355	23.8	56.3	19.9	1.4	11.0	487.9	470.7	456.8	472.5	465.4
Abu Dhabi, UAE	597	490	25.4	64.9	9.7	1.4	13.5	477.6	432.7	407.0	448.1	454.5
Dubai, UAE	432	363	21.1	69.6	9.3	0.4	11.7	571.4	547.2	505.4	543.3	537.7
Sharjah, UAE	307	253	31.0	60.7	8.4	2.0	15.4	504.3	488.7	469.3	506.4	533.2

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students
Location: TQG-13e (BTBG13E)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	21.5	45.1	33.4	1.8	35.0	552.8	526.4	505.5	505.1	512.0
Austria	889	781	27.8	52.3	19.8	1.6	10.7	521.7	517.0	493.3	502.5	497.8
Azerbaijan	1140	885	30.8	49.9	19.3	6.2	14.1	408.4	409.9	415.7	413.7	414.9
Bahrain	223	220	36.1	57.4	6.5	1.1	0.0	468.6	444.1	414.6	525.2	.
Brazil	916	871	21.1	49.1	29.8	1.2	4.2	440.4	413.3	415.1	376.5	441.0
Chile	168	147	9.9	55.9	34.2	0.7	11.0	483.0	456.8	445.4	542.0	447.5
Chinese Taipei	239	236	32.0	46.7	21.3	0.9	0.0	589.2	566.8	557.2	561.7	.
Cote d'Ivoire	372	179	10.0	51.9	38.2	0.8	51.6	225.5	164.1	198.9	138.3	183.4
Cyprus	775	661	18.5	49.5	32.1	1.0	13.2	473.5	466.4	452.6	453.6	471.4
Czech Republic	1348	1248	42.0	51.1	6.9	1.0	6.4	533.5	522.2	521.1	544.5	528.7
England	262	116	23.9	60.5	15.6	2.2	39.8	557.6	529.6	495.6	574.3	529.5
Finland	1239	1183	35.0	50.7	14.4	0.7	2.9	546.1	528.7	500.4	547.8	523.3
France	379	327	25.1	51.1	23.7	0.6	11.9	507.1	485.7	472.6	501.4	472.4
Georgia	936	910	28.1	52.5	19.4	2.3	0.1	452.6	446.5	445.6	432.8	497.7
Hong Kong SAR	185	116	44.1	49.7	6.2	0.9	34.9	537.9	532.7	504.7	443.5	519.7
Hungary	1086	887	43.9	39.9	16.2	1.1	15.8	533.7	516.7	506.7	491.3	518.9
Iran, Islamic Rep. of	224	222	27.7	50.5	21.8	1.0	0.0	434.9	408.7	418.5	514.4	.
Ireland	440	383	42.3	45.4	12.3	1.2	11.5	538.9	524.0	513.0	500.4	520.0
Israel	265	244	14.2	43.6	42.2	0.3	6.8	508.7	487.5	465.9	451.4	472.1
Italy	236	217	34.5	40.0	25.6	4.9	2.9	509.7	495.5	494.2	517.8	491.0
Japan	147	143	76.8	21.3	1.9	0.4	1.7	559.4	549.7	547.0	522.7	559.5
Jordan	225	219	28.4	52.2	19.4	2.3	0.0	424.8	408.9	401.6	443.8	.
Kazakhstan	1209	1146	40.8	46.8	12.4	3.4	1.4	448.9	438.9	436.1	452.7	422.9
Korea, Rep. of	243	235	14.7	35.4	49.9	1.3	2.8	540.8	549.5	544.8	529.6	535.1
Kuwait	157	151	36.3	51.6	12.1	1.6	1.1	427.3	417.5	405.0	462.9	372.6
Lithuania	1096	928	14.5	43.0	42.5	0.8	12.4	527.6	522.1	513.2	524.1	520.1
Malaysia	313	313	32.5	52.0	15.5	0.0	0.0	463.0	417.0	381.2	.	.
Malta	466	366	35.5	44.0	20.5	1.2	17.0	539.8	506.2	448.1	466.3	479.1
Morocco	511	481	12.0	45.0	43.0	2.0	2.2	322.5	332.2	323.7	284.9	346.5
New Zealand	211	135	23.9	39.3	36.8	0.0	39.3	537.5	494.1	475.2	.	508.4
Norway (9)	310	232	24.9	48.3	26.7	0.3	23.2	504.0	490.9	480.9	465.5	478.4
Oman	284	278	27.3	56.1	16.5	1.0	0.9	467.5	454.7	438.1	469.7	472.5
Palestinian Nat'l Auth.	199	186	18.3	56.1	25.5	2.8	2.9	401.6	393.5	385.9	406.3	374.9
Portugal	521	488	19.3	52.1	28.7	1.1	5.1	520.8	503.0	499.9	533.6	499.9
Qatar	242	231	30.4	56.6	13.0	1.0	1.8	503.1	473.2	463.0	488.8	485.4
Romania	429	310	36.4	52.5	11.1	0.9	25.3	471.1	469.3	475.2	510.5	451.5
Saudi Arabia	214	199	20.1	50.7	29.2	2.1	5.0	434.0	418.6	411.2	415.3	413.4
Singapore	345	344	44.4	43.6	12.0	0.2	0.0	632.9	589.7	567.1	606.7	.
South Africa (9)	288	217	13.3	55.9	30.8	0.3	29.4	377.5	363.4	363.7	284.6	355.8
Sweden	814	690	31.1	51.5	17.4	0.5	14.3	532.7	525.8	496.4	538.3	511.8
Turkiye	189	189	20.3	51.1	28.6	0.0	0.0	560.8	529.9	506.5	.	.
United Arab Emirates	1614	1355	31.0	57.7	11.4	1.1	12.8	503.8	483.6	436.3	486.5	498.5
United States	672	551	13.8	53.8	32.3	1.9	10.5	543.6	510.3	509.2	536.4	506.1
Uzbekistan	668	633	40.1	40.7	19.2	3.7	1.4	402.9	390.7	390.7	400.5	387.5
International Avg. (44)	23553	20353	28.5	48.9	22.6	1.4	11.0	488.0	469.9	457.7	472.4	465.4
Abu Dhabi, UAE	597	490	31.2	54.7	14.1	1.4	13.5	478.5	439.3	369.2	449.3	454.5
Dubai, UAE	432	363	27.6	62.9	9.5	0.4	11.7	560.5	544.6	538.2	543.3	537.7
Sharjah, UAE	307	253	34.8	55.7	9.6	1.4	15.4	510.3	484.9	465.9	514.6	533.2

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students
Location: TQG-13f (BTBG13F)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	14.6	57.2	28.3	1.8	35.0	560.9	526.9	502.9	505.1	512.0
Austria	889	781	15.0	66.4	18.6	1.6	10.7	529.4	515.9	492.9	502.5	497.8
Azerbaijan	1140	892	23.6	63.2	13.2	5.5	14.1	407.3	410.6	416.7	413.1	414.9
Bahrain	223	220	27.3	52.8	19.9	1.1	0.0	472.3	452.8	417.1	525.2	.
Brazil	916	877	9.0	50.8	40.2	0.7	4.2	465.9	420.8	406.7	395.9	441.0
Chile	168	147	5.8	47.8	46.4	0.7	11.0	511.5	453.2	450.9	542.0	447.5
Chinese Taipei	239	236	9.7	50.5	39.8	0.9	0.0	591.5	581.9	554.5	561.7	.
Cote d'Ivoire	372	176	20.2	51.7	28.1	2.4	51.6	184.4	179.1	186.5	190.5	183.4
Cyprus	775	661	13.2	61.4	25.4	1.0	13.2	481.2	468.0	442.3	459.7	471.4
Czech Republic	1348	1250	26.5	66.1	7.4	0.8	6.4	541.3	523.2	506.5	558.6	528.7
England	262	116	14.6	66.8	18.6	2.2	39.8	551.6	534.7	501.7	574.3	529.5
Finland	1239	1179	14.8	64.8	20.4	1.1	2.9	559.2	533.8	500.3	540.5	523.3
France	379	326	13.7	62.4	23.9	0.9	11.9	510.9	488.2	473.9	504.7	472.4
Georgia	936	908	21.0	61.5	17.5	2.7	0.1	450.7	446.8	449.7	432.1	497.7
Hong Kong SAR	185	116	17.5	67.6	14.9	0.9	34.9	556.2	538.1	484.3	443.5	519.7
Hungary	1086	888	17.1	64.4	18.5	1.0	15.8	531.1	524.0	509.6	487.3	518.9
Iran, Islamic Rep. of	224	222	14.3	57.1	28.7	1.0	0.0	419.3	422.0	408.5	542.9	.
Ireland	440	383	14.2	71.2	14.6	1.2	11.5	543.7	527.7	520.5	500.4	520.0
Israel	265	244	15.4	53.3	31.3	0.3	6.8	512.2	487.0	456.8	451.4	472.1
Italy	236	217	8.7	64.3	27.0	4.9	2.9	517.9	502.0	489.6	517.8	491.0
Japan	147	143	45.2	51.2	3.5	0.4	1.7	566.8	549.4	542.9	522.7	559.5
Jordan	225	218	17.1	55.3	27.6	2.4	0.0	423.7	416.8	395.0	443.7	.
Kazakhstan	1209	1143	31.0	58.9	10.1	3.7	1.4	446.3	441.7	436.1	453.4	422.9
Korea, Rep. of	243	235	20.6	66.3	13.1	1.3	2.8	543.4	548.7	535.7	529.6	535.1
Kuwait	157	154	19.0	68.3	12.7	0.4	1.1	468.6	414.2	378.7	458.2	372.6
Lithuania	1096	927	8.1	56.5	35.4	0.8	12.4	531.7	522.1	511.1	535.1	520.1
Malaysia	313	313	18.7	59.0	22.2	0.0	0.0	476.7	427.2	381.9	.	.
Malta	466	365	24.0	53.5	22.5	1.3	17.0	543.6	514.6	446.1	474.4	479.1
Morocco	511	480	6.5	49.4	44.1	1.9	2.2	314.7	335.3	319.3	308.2	346.5
New Zealand	211	135	20.8	50.6	28.6	0.0	39.3	545.9	496.4	464.2	.	508.4
Norway (9)	310	232	12.6	62.5	24.9	0.3	23.2	498.8	495.4	478.1	465.5	478.4
Oman	284	278	18.1	53.9	28.0	1.0	0.9	465.3	457.6	444.9	469.7	472.5
Palestinian Nat'l Auth.	199	185	11.6	59.5	28.9	3.3	2.9	404.0	397.9	379.7	394.2	374.9
Portugal	521	488	9.5	52.6	37.9	1.1	5.1	538.3	510.1	491.1	533.6	499.9
Qatar	242	232	26.6	60.2	13.2	0.6	1.8	510.3	472.6	460.0	493.7	485.4
Romania	429	312	16.7	66.8	16.6	0.6	25.3	474.2	469.3	473.1	509.6	451.5
Saudi Arabia	214	198	13.0	55.5	31.6	2.6	5.0	452.6	414.8	415.3	404.1	413.4
Singapore	345	344	33.6	55.5	10.8	0.2	0.0	646.1	596.2	533.0	606.7	.
South Africa (9)	288	217	11.8	61.4	26.8	0.3	29.4	375.6	368.7	353.3	284.6	355.8
Sweden	814	691	21.2	67.1	11.7	0.5	14.3	538.6	521.6	501.1	540.2	511.8
Turkiye	189	188	12.4	53.6	34.0	0.4	0.0	583.4	535.6	500.2	535.3	.
United Arab Emirates	1614	1358	25.4	64.9	9.6	0.9	12.8	511.8	481.2	433.2	494.7	498.5
United States	672	551	10.5	60.2	29.3	1.7	10.5	521.7	517.1	507.3	528.5	506.1
Uzbekistan	668	634	39.4	47.7	12.9	3.6	1.4	402.6	390.1	393.7	403.8	387.5
International Avg. (44)	23553	20360	17.9	58.9	23.2	1.4	11.0	492.8	473.4	453.3	477.1	465.4
Abu Dhabi, UAE	597	491	21.7	64.9	13.4	1.0	13.5	492.6	434.9	390.1	466.3	454.5
Dubai, UAE	432	363	27.5	67.2	5.2	0.4	11.7	563.3	541.6	557.6	543.3	537.7
Sharjah, UAE	307	255	26.3	67.0	6.7	1.2	15.4	509.9	489.5	447.2	509.1	533.2

Question: In your view, to what extent do the following limit how you teach this class? Distracted students
Location: TQG-13g (BTBG13G)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	12.2	54.7	33.1	1.8	35.0	559.6	530.8	502.9	505.1	512.0
Austria	889	779	8.3	74.6	17.1	1.9	10.7	526.3	516.1	496.1	508.1	497.8
Azerbaijan	1140	885	21.0	69.3	9.7	6.3	14.1	406.3	411.7	413.8	411.2	414.9
Bahrain	223	220	25.1	63.8	11.1	1.1	0.0	462.2	452.9	414.9	525.2	.
Brazil	916	874	6.8	56.8	36.3	0.8	4.2	440.8	421.8	411.1	398.8	441.0
Chile	168	147	3.5	53.9	42.6	0.7	11.0	496.5	461.0	445.0	542.0	447.5
Chinese Taipei	239	236	7.4	59.5	33.1	0.9	0.0	586.6	578.0	557.8	561.7	.
Cote d'Ivoire	372	179	6.4	62.0	31.6	0.8	51.6	255.8	180.4	174.8	138.3	183.4
Cyprus	775	659	13.6	69.4	17.0	1.2	13.2	476.0	465.0	446.1	456.9	471.4
Czech Republic	1348	1248	22.3	72.1	5.6	1.0	6.4	538.0	524.3	514.5	549.7	528.7
England	262	116	10.1	73.5	16.4	2.2	39.8	561.8	534.4	496.5	574.3	529.5
Finland	1239	1181	25.1	56.2	18.6	1.0	2.9	552.4	529.7	504.3	548.0	523.3
France	379	326	6.2	61.8	32.0	0.8	11.9	509.7	493.1	474.2	485.8	472.4
Georgia	936	906	11.7	69.5	18.8	2.8	0.1	451.6	447.0	450.5	431.4	497.7
Hong Kong SAR	185	116	8.8	75.8	15.4	0.9	34.9	580.1	539.1	477.6	443.5	519.7
Hungary	1086	888	16.1	67.7	16.3	1.0	15.8	529.5	524.8	506.4	487.3	518.9
Iran, Islamic Rep. of	224	221	12.2	63.3	24.5	1.3	0.0	404.8	420.4	417.7	508.0	.
Ireland	440	383	9.6	77.7	12.7	1.2	11.5	545.6	528.4	519.8	500.4	520.0
Israel	265	243	6.7	52.1	41.2	0.4	6.8	488.4	490.9	468.1	471.0	472.1
Italy	236	217	4.6	65.6	29.8	4.9	2.9	508.8	504.3	489.3	517.8	491.0
Japan	147	143	47.1	50.7	2.2	0.4	1.7	565.4	550.3	536.2	522.7	559.5
Jordan	225	218	16.6	62.0	21.4	2.9	0.0	413.6	415.7	401.3	428.9	.
Kazakhstan	1209	1140	38.7	54.2	7.1	3.7	1.4	440.8	443.3	445.1	456.1	422.9
Korea, Rep. of	243	235	13.0	48.0	39.0	1.3	2.8	541.7	546.1	547.0	529.6	535.1
Kuwait	157	153	20.1	70.8	9.0	1.1	1.1	437.3	418.8	394.1	412.9	372.6
Lithuania	1096	929	8.3	63.7	28.0	0.7	12.4	525.1	520.6	513.7	532.4	520.1
Malaysia	313	312	29.6	59.1	11.3	0.3	0.0	459.7	418.6	382.7	325.2	.
Malta	466	364	11.5	64.4	24.2	1.5	17.0	549.8	516.3	457.7	487.7	479.1
Morocco	511	481	8.1	56.1	35.8	1.6	2.2	332.1	329.1	323.0	286.1	346.5
New Zealand	211	135	13.5	49.6	36.8	0.0	39.3	533.1	500.9	479.8	.	508.4
Norway (9)	310	232	12.5	65.2	22.3	0.3	23.2	500.7	493.1	481.7	465.5	478.4
Oman	284	274	17.4	63.4	19.1	3.0	0.9	467.3	453.4	449.8	470.3	472.5
Palestinian Nat'l Auth.	199	184	12.5	65.2	22.3	3.9	2.9	398.4	397.3	376.6	407.7	374.9
Portugal	521	487	0.8	61.0	38.2	1.3	5.1	505.5	513.1	493.5	531.2	499.9
Qatar	242	230	22.3	65.8	11.9	1.5	1.8	496.6	477.1	466.2	536.8	485.4
Romania	429	312	14.7	72.5	12.8	0.6	25.3	472.1	469.3	477.3	509.6	451.5
Saudi Arabia	214	197	17.0	59.0	24.1	3.0	5.0	438.3	416.6	414.1	410.6	413.4
Singapore	345	344	14.8	73.2	12.0	0.2	0.0	645.9	608.3	544.0	606.7	.
South Africa (9)	288	216	7.2	75.7	17.1	0.6	29.4	372.0	362.5	376.2	308.9	355.8
Sweden	814	691	8.1	75.9	16.0	0.5	14.3	541.2	524.9	503.7	540.2	511.8
Turkiye	189	187	7.9	61.8	30.4	0.8	0.0	579.0	538.4	499.1	514.7	.
United Arab Emirates	1614	1351	21.9	70.2	7.9	1.5	12.8	501.5	484.5	433.9	499.1	498.5
United States	672	550	8.8	57.3	33.9	1.8	10.5	530.0	514.9	510.7	524.4	506.1
Uzbekistan	668	634	33.1	57.5	9.4	3.4	1.4	400.6	393.8	390.7	397.6	387.5
International Avg. (44)	23553	20323	14.6	63.7	21.7	1.6	11.0	489.3	474.1	456.4	471.4	465.4
Abu Dhabi, UAE	597	488	18.6	71.0	10.4	1.3	13.5	491.8	436.4	388.4	447.0	454.5
Dubai, UAE	432	362	20.3	74.5	5.2	0.9	11.7	547.8	549.6	534.2	544.2	537.7
Sharjah, UAE	307	252	26.1	66.8	7.1	2.9	15.4	509.7	488.3	453.3	516.9	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students with mental, emotional, or psychological impairment
Location: TQG-13h (BTBG13H)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	498	26.6	58.7	14.8	1.9	35.0	538.9	523.7	506.0	505.0	512.0
Austria	889	781	64.1	31.3	4.5	1.6	10.7	525.8	494.9	470.2	502.5	497.8
Azerbaijan	1140	882	56.1	34.6	9.2	6.4	14.1	408.8	413.5	411.2	412.7	414.9
Bahrain	223	219	57.6	40.3	2.1	1.2	0.0	456.0	445.3	419.6	524.4	.
Brazil	916	871	30.3	55.6	14.0	1.0	4.2	430.3	416.1	409.5	379.8	441.0
Chile	168	147	19.8	67.1	13.0	0.7	11.0	468.4	451.5	456.1	542.0	447.5
Chinese Taipei	239	234	40.7	45.4	14.0	1.1	0.0	579.1	571.4	553.3	558.3	.
Cote d'Ivoire	372	178	55.1	22.4	22.5	1.2	51.6	176.7	161.5	219.0	176.9	183.4
Cyprus	775	661	27.9	61.2	11.0	1.1	13.2	480.4	458.5	445.0	469.8	471.4
Czech Republic	1348	1247	70.3	27.8	1.9	1.0	6.4	530.9	518.1	501.2	551.6	528.7
England	262	115	24.0	68.4	7.6	2.6	39.8	543.9	525.2	541.3	569.7	529.5
Finland	1239	1180	44.5	49.2	6.3	1.1	2.9	542.4	523.3	505.0	548.5	523.3
France	379	325	42.1	50.7	7.2	1.2	11.9	499.5	482.7	460.3	480.9	472.4
Georgia	936	903	31.7	52.4	15.9	3.1	0.1	451.8	446.5	445.5	437.6	497.7
Hong Kong SAR	185	116	44.3	53.4	2.3	0.9	34.9	542.1	528.2	480.8	443.5	519.7
Hungary	1086	884	41.1	49.1	9.8	1.3	15.8	532.8	517.9	502.5	498.4	518.9
Iran, Islamic Rep. of	224	221	28.1	57.1	14.8	1.6	0.0	418.7	418.8	418.2	439.8	.
Ireland	440	382	38.5	56.7	4.8	1.3	11.5	536.3	523.7	530.5	505.1	520.0
Israel	265	242	18.5	46.3	35.2	1.2	6.8	519.6	486.6	454.5	473.3	472.1
Italy	236	217	44.8	50.6	4.6	4.9	2.9	497.4	502.7	496.7	517.8	491.0
Japan	147	143	65.5	33.5	1.0	0.4	1.7	560.6	550.4	549.4	522.7	559.5
Jordan	225	218	52.8	37.8	9.4	3.0	0.0	418.1	402.4	414.7	441.1	.
Kazakhstan	1209	1141	58.0	29.8	12.2	3.7	1.4	446.4	438.3	435.5	451.1	422.9
Korea, Rep. of	243	235	28.4	52.4	19.2	1.3	2.8	543.1	548.9	541.8	529.6	535.1
Kuwait	157	154	50.0	45.4	4.6	0.4	1.1	432.8	404.8	431.8	458.2	372.6
Lithuania	1096	923	29.5	47.1	23.4	1.3	12.4	531.3	515.4	511.5	519.0	520.1
Malaysia	313	313	58.9	33.1	7.9	0.0	0.0	442.7	404.2	398.2	.	.
Malta	466	365	40.2	49.7	10.1	1.4	17.0	519.6	506.3	451.6	481.6	479.1
Morocco	511	475	34.8	41.2	24.0	3.2	2.2	317.3	328.9	340.5	293.6	346.5
New Zealand	211	135	21.3	67.6	11.1	0.0	39.3	540.9	488.6	468.8	.	508.4
Norway (9)	310	232	44.0	49.8	6.2	0.3	23.2	494.7	489.4	485.5	465.5	478.4
Oman	284	277	31.4	44.5	24.2	1.5	0.9	456.7	456.6	451.3	471.7	472.5
Palestinian Nat'l Auth.	199	186	36.3	52.5	11.2	2.8	2.9	396.8	388.0	404.0	406.3	374.9
Portugal	521	488	31.6	57.9	10.5	1.1	5.1	515.9	502.2	493.3	533.6	499.9
Qatar	242	232	55.4	38.9	5.7	0.6	1.8	481.4	480.1	482.8	493.7	485.4
Romania	429	308	47.3	49.1	3.6	1.5	25.3	474.1	467.9	465.9	485.0	451.5
Saudi Arabia	214	199	34.7	41.0	24.3	2.1	5.0	429.8	408.4	423.6	415.3	413.4
Singapore	345	344	55.9	41.6	2.5	0.2	0.0	623.8	592.0	449.8	606.7	.
South Africa (9)	288	217	36.3	53.1	10.6	0.3	29.4	366.8	367.1	351.7	284.6	355.8
Sweden	814	690	31.0	60.7	8.4	0.5	14.3	533.8	520.4	500.2	538.3	511.8
Turkiye	189	189	41.7	42.2	16.1	0.0	0.0	550.6	518.8	502.9	.	.
United Arab Emirates	1614	1351	54.4	41.0	4.6	1.4	12.8	493.8	472.6	477.1	492.8	498.5
United States	672	550	16.3	73.4	10.4	2.1	10.5	532.0	513.2	498.2	526.8	506.1
Uzbekistan	668	631	55.6	27.9	16.4	3.9	1.4	398.2	392.5	392.8	398.2	387.5
International Avg. (44)	23553	20299	41.3	47.5	11.2	1.6	11.0	481.4	467.4	457.9	472.0	465.4
Abu Dhabi, UAE	597	488	54.4	42.0	3.6	1.6	13.5	466.7	408.9	439.2	458.4	454.5
Dubai, UAE	432	361	50.1	44.9	5.0	0.7	11.7	551.4	544.9	549.7	543.8	537.7
Sharjah, UAE	307	254	56.8	38.7	4.5	1.9	15.4	500.4	484.2	453.5	504.0	533.2

Question: In your view, to what extent do the following limit how you teach this class? Students with difficulties understanding the language of instruction
Location: TQG-13i (BTBG13I)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	500	56.9	38.3	4.8	1.8	35.0	534.0	511.9	525.1	505.1	512.0
Austria	889	781	71.0	23.0	6.0	1.6	10.7	529.7	483.1	439.5	502.5	497.8
Azerbaijan	1140	887	55.8	35.8	8.4	6.1	14.1	409.9	411.8	410.7	412.3	414.9
Bahrain	223	220	64.1	34.0	1.9	1.1	0.0	460.3	434.8	430.0	525.2	.
Brazil	916	875	51.9	37.6	10.4	0.7	4.2	431.6	403.1	415.8	395.4	441.0
Chile	168	147	77.8	16.5	5.8	0.7	11.0	457.2	449.3	449.1	542.0	447.5
Chinese Taipei	239	234	36.6	48.2	15.2	1.1	0.0	582.4	571.4	548.7	558.3	.
Cote d'Ivoire	372	180	21.0	41.2	37.9	0.6	51.6	198.5	174.5	184.4	131.1	183.4
Cyprus	775	662	38.4	46.5	15.0	0.8	13.2	473.4	460.2	447.0	450.7	471.4
Czech Republic	1348	1247	66.7	31.7	1.6	1.1	6.4	533.6	513.7	506.2	546.3	528.7
England	262	116	38.1	55.4	6.5	2.2	39.8	545.2	523.6	510.7	574.3	529.5
Finland	1239	1182	76.8	20.8	2.4	0.8	2.9	535.8	518.7	473.0	547.4	523.3
France	379	326	51.4	40.9	7.7	0.9	11.9	497.5	478.0	476.3	504.7	472.4
Georgia	936	897	51.0	36.5	12.5	3.8	0.1	450.7	446.3	442.6	438.1	497.7
Hong Kong SAR	185	116	42.7	38.7	18.6	0.9	34.9	533.5	542.6	513.3	443.5	519.7
Hungary	1086	883	76.1	20.3	3.6	1.5	15.8	525.7	515.7	499.8	492.0	518.9
Iran, Islamic Rep. of	224	221	51.5	41.8	6.7	1.5	0.0	425.3	415.2	382.2	472.3	.
Ireland	440	383	34.8	59.7	5.5	1.2	11.5	540.7	521.7	533.6	500.4	520.0
Israel	265	244	31.3	44.6	24.1	0.3	6.8	517.8	472.6	450.2	451.4	472.1
Italy	236	217	39.0	48.0	13.0	4.9	2.9	509.3	497.2	482.7	517.8	491.0
Japan	147	143	77.5	21.2	1.4	0.4	1.7	561.2	542.0	554.8	522.7	559.5
Jordan	225	219	34.3	54.7	10.9	2.3	0.0	426.7	407.2	390.0	443.8	.
Kazakhstan	1209	1140	68.1	25.0	7.0	3.8	1.4	446.4	434.4	436.7	449.0	422.9
Korea, Rep. of	243	235	51.4	37.1	11.5	1.3	2.8	545.0	547.3	545.5	529.6	535.1
Kuwait	157	154	49.5	48.6	1.9	0.4	1.1	433.6	406.6	413.4	458.2	372.6
Lithuania	1096	926	51.1	33.3	15.6	1.0	12.4	522.2	516.8	514.2	522.0	520.1
Malaysia	313	313	46.7	43.2	10.1	0.0	0.0	446.7	412.5	392.1	.	.
Malta	466	365	45.5	42.3	12.2	1.5	17.0	527.0	494.9	472.9	441.4	479.1
Morocco	511	481	5.1	25.5	69.4	1.5	2.2	350.9	346.9	318.2	284.9	346.5
New Zealand	211	135	45.4	49.8	4.8	0.0	39.3	520.7	480.4	455.2	.	508.4
Norway (9)	310	232	49.4	44.5	6.1	0.3	23.2	497.2	485.8	486.7	465.5	478.4
Oman	284	278	32.6	48.6	18.8	1.0	0.9	464.8	451.7	449.0	469.7	472.5
Palestinian Nat'l Auth.	199	186	24.6	55.8	19.6	2.8	2.9	394.1	393.5	390.2	406.3	374.9
Portugal	521	488	37.0	48.7	14.3	1.1	5.1	515.0	503.8	487.2	533.6	499.9
Qatar	242	232	48.8	45.1	6.1	0.6	1.8	484.8	479.8	458.8	493.7	485.4
Romania	429	312	69.8	27.0	3.1	0.6	25.3	472.6	466.4	467.3	509.6	451.5
Saudi Arabia	214	199	36.8	38.4	24.8	2.1	5.0	428.7	407.9	423.8	415.3	413.4
Singapore	345	344	70.4	27.0	2.6	0.2	0.0	627.1	553.9	583.2	606.7	.
South Africa (9)	288	217	17.3	55.4	27.3	0.3	29.4	448.2	358.4	327.0	284.6	355.8
Sweden	814	690	49.9	42.7	7.4	0.5	14.3	534.9	514.7	488.6	538.3	511.8
Turkiye	189	189	47.8	38.0	14.3	0.0	0.0	543.3	523.7	498.6	.	.
United Arab Emirates	1614	1356	51.5	39.5	9.0	1.0	12.8	512.2	461.7	423.9	499.8	498.5
United States	672	551	43.4	51.6	5.1	1.7	10.5	532.3	502.9	485.0	528.5	506.1
Uzbekistan	668	632	55.7	34.5	9.8	3.8	1.4	399.0	390.5	394.7	399.1	387.5
International Avg. (44)	23553	20335	48.7	39.5	11.8	1.4	11.0	484.7	464.3	454.0	471.0	465.4
Abu Dhabi, UAE	597	491	36.1	48.4	15.5	1.0	13.5	502.4	416.2	378.2	466.3	454.5
Dubai, UAE	432	362	57.3	37.3	5.4	0.6	11.7	567.0	520.5	540.1	571.5	537.7
Sharjah, UAE	307	255	59.4	36.2	4.4	1.2	15.4	501.0	480.6	465.6	509.1	533.2

Question: In a typical week, how much time do you spend teaching science to the students in this class?

Location: TQS-14 (BTBS14)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	495	2.0	35.0	192.0	2.0	40.0	130.0	175.0	200.0	210.0	240.0	250.0	1000
Austria	889	719	8.2	10.7	108.3	45.0	50.0	50.0	100.0	100.0	100.0	150.0	200.0	420.0
Azerbaijan	1140	919	3.3	14.1	100.4	1.0	3.0	45.0	90.0	90.0	90.0	135.0	180.0	990.0
Bahrain	223	217	2.5	0.0	203.6	2.0	80.0	120.0	175.0	180.0	200.0	250.0	300.0	960.0
Brazil	916	862	2.4	4.2	147.4	1.0	50.0	90.0	120.0	150.0	180.0	200.0	200.0	1000
Chile	168	144	2.7	11.0	168.3	2.0	5.0	90.0	150.0	180.0	180.0	240.0	270.0	360.0
Chinese Taipei	239	234	1.7	0.0	181.7	3.0	135.0	135.0	150.0	180.0	200.0	225.0	240.0	450.0
Cote d'Ivoire	372	171	2.3	51.6	91.2	0.0	0.0	0.0	75.0	90.0	120.0	120.0	120.0	960.0
Cyprus	775	661	1.6	13.2	75.4	0.0	35.0	40.0	40.0	45.0	85.0	160.0	200.0	800.0
Czech Republic	1348	1250	0.7	6.4	108.2	1.0	45.0	45.0	90.0	90.0	90.0	180.0	225.0	780.0
England	262	114	2.5	39.8	164.8	2.0	50.0	60.0	100.0	180.0	240.0	270.0	300.0	360.0
Finland	1239	1184	0.5	2.9	111.6	0.0	30.0	68.0	90.0	90.0	135.0	150.0	180.0	660.0
France	379	324	1.4	11.9	91.4	1.0	60.0	75.0	90.0	90.0	90.0	90.0	110.0	1000
Georgia	936	922	1.1	0.1	85.1	0.0	2.0	45.0	80.0	90.0	90.0	90.0	120.0	1000
Hong Kong SAR	185	116	0.9	34.9	180.2	80.0	113.0	135.0	143.0	175.0	200.0	220.0	270.0	600.0
Hungary	1086	888	1.3	15.8	89.2	0.0	45.0	45.0	67.0	90.0	90.0	135.0	180.0	765.0
Iran, Islamic Rep. of	224	217	3.4	0.0	172.6	0.0	9.0	90.0	130.0	140.0	180.0	270.0	400.0	900.0
Ireland	440	379	2.4	11.5	145.1	60.0	116.0	120.0	120.0	150.0	160.0	180.0	180.0	240.0
Israel	265	237	2.1	6.8	187.3	45.0	90.0	90.0	135.0	180.0	225.0	225.0	270.0	810.0
Italy	236	228	0.3	2.9	118.2	2.0	80.0	100.0	120.0	120.0	120.0	120.0	170.0	400.0
Japan	147	138	3.2	1.7	194.2	50.0	100.0	180.0	200.0	200.0	200.0	200.0	200.0	400.0
Jordan	225	218	2.6	0.0	182.3	3.0	7.0	45.0	160.0	180.0	200.0	270.0	300.0	1000
Kazakhstan	1209	1149	3.2	1.4	95.5	1.0	40.0	45.0	80.0	90.0	90.0	135.0	180.0	585.0
Korea, Rep. of	243	237	0.0	2.8	141.9	0.0	3.0	4.0	90.0	135.0	180.0	180.0	180.0	900.0
Kuwait	157	134	13.1	1.1	218.0	3.0	40.0	150.0	180.0	180.0	180.0	300.0	540.0	1000
Lithuania	1096	928	0.8	12.4	88.5	1.0	2.0	45.0	60.0	90.0	90.0	120.0	150.0	1000
Malaysia	313	312	0.4	0.0	221.9	3.0	28.0	150.0	175.0	180.0	200.0	250.0	800.0	1000
Malta	466	366	1.1	17.0	182.5	0.0	120.0	150.0	160.0	160.0	160.0	180.0	320.0	960.0
Morocco	511	478	3.0	2.2	124.3	1.0	60.0	120.0	120.0	120.0	120.0	120.0	180.0	1000
New Zealand	211	133	0.9	39.3	191.1	40.0	120.0	150.0	180.0	200.0	210.0	240.0	240.0	300.0
Norway (9)	310	231	0.9	23.2	132.7	0.0	70.0	90.0	120.0	120.0	135.0	150.0	180.0	720.0
Oman	284	268	4.6	0.9	250.8	0.0	45.0	180.0	210.0	240.0	270.0	280.0	360.0	960.0
Palestinian Nat'l Auth.	199	183	4.0	2.9	229.7	5.0	105.0	180.0	200.0	200.0	225.0	270.0	420.0	1000
Portugal	521	487	1.3	5.1	148.0	0.0	90.0	120.0	135.0	150.0	150.0	180.0	200.0	1000
Qatar	242	222	3.7	1.8	198.7	1.0	5.0	90.0	180.0	200.0	240.0	300.0	315.0	990.0
Romania	429	309	2.0	25.3	100.6	1.0	4.0	50.0	50.0	100.0	100.0	180.0	200.0	1000
Saudi Arabia	214	182	9.3	5.0	260.5	4.0	30.0	150.0	180.0	180.0	225.0	675.0	800.0	1000
Singapore	345	344	0.1	0.0	190.9	2.0	140.0	150.0	175.0	180.0	210.0	210.0	240.0	780.0
South Africa (9)	288	200	7.2	29.5	190.5	1.0	4.0	90.0	172.0	180.0	225.0	260.0	360.0	702.0
Sweden	814	691	0.5	14.3	65.7	2.0	40.0	43.0	50.0	50.0	66.0	100.0	150.0	1000
Turkiye	189	188	0.7	0.0	190.9	2.0	6.0	13.0	160.0	160.0	240.0	250.0	360.0	720.0
United Arab Emirates	1614	1271	6.6	12.8	240.9	0.0	70.0	100.0	180.0	240.0	270.0	300.0	400.0	1000
United States	672	512	7.7	10.5	265.4	3.0	75.0	150.0	200.0	240.0	275.0	350.0	720.0	1000
Uzbekistan	668	647	2.1	1.4	99.3	1.0	2.0	50.0	90.0	90.0	90.0	135.0	180.0	900.0
International Avg. (44)	23553	20109	2.8	11.0	157.4	8.4	51.0	92.5	130.6	147.2	166.7	211.0	280.5	803.9
Abu Dhabi, UAE	597	461	6.1	13.5	250.5	2.0	80.0	120.0	180.0	240.0	270.0	300.0	420.0	1000
Dubai, UAE	432	334	8.2	11.7	226.8	0.0	80.0	110.0	180.0	200.0	240.0	300.0	360.0	1000
Sharjah, UAE	307	244	4.1	15.4	244.5	4.0	70.0	80.0	160.0	240.0	270.0	350.0	800.0	960.0

Question: In teaching science to the students in this class, how often do you ask them to do the following? Listen to me explain new science content
Location: TQS-15a (BTBS15A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	498	61.3	31.2	7.5	0.0	1.7	35.0	529.7	515.4	527.6	491.8	505.0	512.0
Austria	889	777	63.2	22.1	12.2	2.4	2.1	10.7	516.8	509.2	508.5	516.4	487.0	497.8
Azerbaijan	1140	908	84.6	5.4	9.1	0.9	3.9	14.1	410.5	422.5	406.4	448.4	403.5	414.9
Bahrain	223	222	70.1	12.0	14.3	3.6	0.4	0.0	448.6	435.4	468.3	501.2	465.9	.
Brazil	916	878	77.2	12.6	10.3	0.0	0.6	4.2	415.9	433.1	427.5	.	382.1	441.0
Chile	168	147	71.2	22.0	6.4	0.4	0.7	11.0	456.1	453.6	448.2	566.4	542.0	447.5
Chinese Taipei	239	236	46.0	43.6	9.8	0.6	1.4	0.0	572.7	572.4	566.2	546.8	575.6	.
Cote d'Ivoire	372	180	79.1	13.1	5.9	1.9	0.6	51.6	173.7	238.4	174.5	163.3	234.0	183.4
Cyprus	775	662	79.9	13.2	6.5	0.4	0.8	13.2	460.7	477.7	458.9	569.9	452.5	471.4
Czech Republic	1348	1250	70.3	23.8	5.5	0.4	0.6	6.4	526.8	527.8	524.2	508.5	558.2	528.7
England	262	117	83.8	7.9	8.3	0.0	1.4	39.8	531.7	529.7	542.0	.	540.8	529.5
Finland	1239	1183	81.3	15.3	2.8	0.5	0.8	2.9	530.3	530.8	541.4	559.6	532.1	523.3
France	379	324	72.5	14.0	12.8	0.7	1.3	11.9	490.2	484.0	481.0	484.8	484.3	472.4
Georgia	936	916	69.8	11.2	16.8	2.3	1.6	0.1	447.9	443.5	448.6	461.6	440.5	497.7
Hong Kong SAR	185	116	51.1	37.3	11.5	0.0	0.9	34.9	545.8	522.9	511.1	.	443.5	519.7
Hungary	1086	889	68.8	20.0	10.0	1.2	0.9	15.8	523.7	519.8	515.3	562.3	487.5	518.9
Iran, Islamic Rep. of	224	224	79.0	15.2	5.8	0.0	0.0	0.0	419.4	409.5	438.1	.	.	.
Ireland	440	387	76.4	17.4	6.1	0.1	0.5	11.5	528.6	529.2	532.6	588.2	449.8	520.0
Israel	265	246	78.7	14.7	6.6	0.0	0.2	6.8	481.7	469.2	503.8	.	445.3	472.1
Italy	236	228	75.8	9.7	12.5	2.0	0.3	2.9	499.6	501.8	505.5	507.2	587.4	491.0
Japan	147	143	51.2	34.9	13.2	0.7	0.4	1.7	558.3	555.5	557.2	544.4	522.7	559.5
Jordan	225	220	80.7	11.6	6.5	1.3	1.3	0.0	411.7	411.3	433.3	403.2	397.4	.
Kazakhstan	1209	1160	79.7	10.1	9.4	0.8	2.4	1.4	439.6	446.1	463.0	500.4	444.1	422.9
Korea, Rep. of	243	237	70.9	18.1	10.5	0.4	0.0	2.8	548.3	544.9	530.0	526.4	.	535.1
Kuwait	157	154	65.4	14.5	19.4	0.7	0.8	1.1	426.1	412.3	402.2	549.8	407.8	372.6
Lithuania	1096	923	60.9	26.4	12.6	0.1	1.3	12.4	520.0	519.8	512.3	493.1	533.9	520.1
Malaysia	313	312	54.6	30.6	14.5	0.3	0.3	0.0	424.4	423.4	438.9	446.2	471.7	.
Malta	466	364	58.6	33.5	7.0	0.9	1.7	17.0	507.8	502.8	503.9	539.6	483.1	479.1
Morocco	511	485	81.9	7.6	9.1	1.3	1.3	2.2	323.0	339.1	351.9	342.0	279.1	346.5
New Zealand	211	130	44.5	33.9	20.1	1.5	2.6	39.3	514.9	489.7	497.9	381.6	419.8	508.4
Norway (9)	310	231	29.6	52.8	17.6	0.0	0.7	23.2	487.8	493.4	490.6	.	507.0	478.4
Oman	284	276	75.0	14.1	8.7	2.2	2.0	0.9	451.5	448.2	488.2	504.0	465.6	472.5
Palestinian Nat'l Auth.	199	188	84.3	9.6	5.5	0.6	2.0	2.9	393.1	385.3	404.4	411.7	409.2	374.9
Portugal	521	485	69.9	23.2	6.7	0.3	1.6	5.1	504.5	505.8	515.2	486.3	531.5	499.9
Qatar	242	233	69.1	17.2	11.4	2.3	0.1	1.8	478.4	494.3	473.5	501.5	447.6	485.4
Romania	429	309	80.6	9.4	9.5	0.4	1.5	25.3	470.6	470.4	479.4	498.4	449.1	451.5
Saudi Arabia	214	195	63.9	18.6	14.4	3.1	3.9	5.0	418.6	437.9	398.2	429.3	416.5	413.4
Singapore	345	345	54.4	37.9	7.3	0.5	0.0	0.0	614.5	597.3	587.6	637.9	.	.
South Africa (9)	288	217	62.2	21.9	15.9	0.0	0.1	29.4	363.2	381.6	349.4	.	393.2	355.8
Sweden	814	685	60.0	24.5	14.7	0.9	1.2	14.3	524.6	521.0	522.2	518.1	500.6	511.8
Turkiye	189	188	83.3	10.6	5.5	0.7	0.9	0.0	530.6	522.8	528.8	546.1	498.9	.
United Arab Emirates	1614	1352	55.3	21.2	21.1	2.4	1.4	12.8	474.6	488.4	504.1	518.2	465.3	498.5
United States	672	551	35.4	41.5	23.1	0.0	0.8	10.5	500.6	523.1	523.0	417.3	505.7	506.1
Uzbekistan	668	652	87.5	6.7	4.6	1.2	1.2	1.4	396.0	389.9	391.7	418.8	405.1	387.5
International Avg. (44)	23553	20423	68.2	20.3	10.7	0.9	1.1	11.0	472.6	473.4	474.5	488.9	462.7	465.4
Abu Dhabi, UAE	597	489	54.3	25.7	18.4	1.5	1.5	13.5	441.4	427.8	461.7	478.6	416.8	454.5
Dubai, UAE	432	361	48.2	26.4	22.4	3.0	1.0	11.7	531.5	566.9	566.3	559.8	447.1	537.7
Sharjah, UAE	307	254	62.8	10.5	24.5	2.2	2.0	15.4	480.8	494.6	515.0	531.2	515.2	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Observe natural phenomena and describe what they see
Location: TQS-15b (BTBS15B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	498	15.5	48.5	35.0	0.9	1.7	35.0	522.4	529.5	520.3	514.7	505.0	512.0
Austria	889	778	10.6	31.6	49.3	8.4	2.1	10.7	518.5	517.4	512.2	507.0	485.8	497.8
Azerbaijan	1140	902	49.2	20.3	30.4	0.2	4.9	14.1	408.9	418.6	410.0	430.6	403.0	414.9
Bahrain	223	222	51.7	30.4	17.8	0.0	0.4	0.0	459.2	439.7	450.9	.	465.9	.
Brazil	916	875	28.5	36.1	34.7	0.7	0.7	4.2	416.0	425.1	416.5	394.3	382.6	441.0
Chile	168	147	27.0	55.3	17.0	0.7	0.7	11.0	459.6	456.2	449.6	380.6	542.0	447.5
Chinese Taipei	239	236	19.6	25.1	52.7	2.6	1.4	0.0	570.0	572.5	572.5	562.5	575.6	.
Cote d'Ivoire	372	181	56.9	20.1	22.5	0.5	0.3	51.6	176.9	193.7	191.6	116.4	85.6	183.4
Cyprus	775	661	39.6	31.9	27.0	1.5	1.0	13.2	460.0	466.4	465.8	455.1	434.7	471.4
Czech Republic	1348	1244	20.1	41.2	36.8	1.9	1.0	6.4	523.0	529.4	525.2	533.6	564.2	528.7
England	262	115	13.2	43.9	41.2	1.7	2.9	39.8	508.2	533.1	534.5	612.1	549.0	529.5
Finland	1239	1184	21.3	42.6	34.7	1.5	0.6	2.9	531.3	534.7	525.6	538.0	529.7	523.3
France	379	325	33.8	37.4	28.2	0.5	1.0	11.9	491.8	489.6	483.2	422.3	476.9	472.4
Georgia	936	911	45.5	28.5	25.8	0.1	2.1	0.1	449.4	447.4	446.0	423.8	437.9	497.7
Hong Kong SAR	185	116	22.8	42.5	34.7	0.0	0.9	34.9	563.6	536.8	509.0	.	443.5	519.7
Hungary	1086	886	18.9	32.0	45.5	3.6	1.3	15.8	523.6	522.4	523.1	518.2	482.0	518.9
Iran, Islamic Rep. of	224	223	49.0	39.4	11.5	0.0	0.3	0.0	414.6	422.2	426.8	.	420.6	.
Ireland	440	384	10.8	43.2	43.3	2.8	1.0	11.5	524.5	531.1	527.5	539.6	485.0	520.0
Israel	265	245	14.6	33.4	44.9	7.1	0.5	6.8	465.6	483.7	481.5	506.5	408.6	472.1
Italy	236	228	38.3	30.0	30.9	0.9	0.3	2.9	494.5	506.8	503.2	471.5	587.4	491.0
Japan	147	143	21.5	47.0	30.5	1.1	0.4	1.7	564.3	560.1	548.0	537.1	522.7	559.5
Jordan	225	220	49.3	38.3	12.1	0.3	1.9	0.0	419.1	406.8	407.6	358.4	408.3	.
Kazakhstan	1209	1153	48.4	29.4	22.0	0.2	2.9	1.4	439.6	442.2	451.7	445.2	440.2	422.9
Korea, Rep. of	243	237	9.2	22.4	57.8	10.7	0.0	2.8	540.7	549.5	546.9	535.1	.	535.1
Kuwait	157	153	41.9	33.4	23.7	0.9	1.1	1.1	424.1	395.5	441.1	594.4	429.4	372.6
Lithuania	1096	925	11.9	30.3	52.4	5.5	1.1	12.4	518.1	515.6	520.7	520.8	546.1	520.1
Malaysia	313	312	31.6	45.5	22.3	0.5	0.3	0.0	427.5	425.0	424.6	540.5	471.7	.
Malta	466	362	18.5	45.4	32.2	3.9	2.3	17.0	492.7	511.8	515.0	456.8	454.2	479.1
Morocco	511	484	65.8	14.9	18.9	0.4	1.3	2.2	327.3	312.0	337.6	378.9	279.3	346.5
New Zealand	211	130	14.5	42.0	42.6	0.8	2.6	39.3	509.6	518.8	480.3	505.7	419.8	508.4
Norway (9)	310	231	3.7	25.6	66.2	4.6	0.7	23.2	470.0	496.7	489.4	504.9	507.0	478.4
Oman	284	275	54.4	33.4	12.2	0.0	2.2	0.9	455.0	454.6	459.2	.	464.2	472.5
Palestinian Nat'l Auth.	199	187	35.2	34.8	30.0	0.0	2.6	2.9	389.9	396.2	393.3	.	404.9	374.9
Portugal	521	486	21.7	42.1	35.1	1.1	1.4	5.1	510.0	502.4	506.9	499.5	524.6	499.9
Qatar	242	234	53.2	33.4	12.7	0.7	0.0	1.8	479.1	472.0	507.3	575.5	501.3	485.4
Romania	429	310	64.5	20.3	15.2	0.0	1.1	25.3	469.4	470.9	478.2	.	472.8	451.5
Saudi Arabia	214	194	63.0	28.1	8.8	0.0	4.4	5.0	420.3	415.9	428.4	.	411.4	413.4
Singapore	345	344	7.4	44.3	46.5	1.8	0.2	0.0	602.7	608.6	603.0	640.8	600.8	.
South Africa (9)	288	216	17.7	36.0	45.9	0.4	0.4	29.4	366.4	372.4	358.9	353.2	349.7	355.8
Sweden	814	681	4.5	23.8	63.0	8.7	2.8	14.3	510.2	517.6	525.5	525.2	524.6	511.8
Turkiye	189	188	33.9	25.6	40.5	0.0	0.9	0.0	527.6	523.8	535.4	.	498.9	.
United Arab Emirates	1614	1349	54.3	31.5	13.7	0.5	1.4	12.8	483.0	486.8	485.7	511.4	472.8	498.5
United States	672	551	24.4	40.0	34.7	1.0	0.8	10.5	502.6	516.7	519.9	593.9	505.7	506.1
Uzbekistan	668	649	68.3	16.1	15.2	0.3	1.7	1.4	394.4	397.8	398.7	414.4	401.8	387.5
International Avg. (44)	23553	20375	31.9	34.0	32.2	1.8	1.4	11.0	471.0	473.3	473.6	483.8	462.3	465.4
Abu Dhabi, UAE	597	489	52.2	35.0	12.6	0.2	1.2	13.5	440.5	444.9	441.1	329.5	431.6	454.5
Dubai, UAE	432	359	47.9	35.1	16.0	1.0	1.4	11.7	550.2	550.5	544.4	567.3	477.1	537.7
Sharjah, UAE	307	254	61.9	24.6	13.5	0.0	1.3	15.4	492.8	493.4	484.9	.	519.3	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Watch me demonstrate an experiment or investigation
Location: TQS-15c (BTBS15C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	497	7.4	41.8	49.4	1.4	1.7	35.0	521.3	526.5	523.1	566.1	508.0	512.0
Austria	889	776	14.1	24.6	41.3	20.0	2.2	10.7	522.8	518.5	510.2	510.9	485.1	497.8
Azerbaijan	1140	901	57.4	13.2	27.6	1.9	4.9	14.1	409.8	416.1	411.2	418.9	404.4	414.9
Bahrain	223	219	41.3	35.6	20.9	2.3	2.1	0.0	456.4	453.4	442.0	480.8	403.2	.
Brazil	916	875	14.8	28.9	54.5	1.8	0.8	4.2	399.6	425.4	422.5	386.6	391.4	441.0
Chile	168	147	13.5	37.9	47.7	0.9	0.7	11.0	450.4	445.7	463.8	500.5	542.0	447.5
Chinese Taipei	239	236	6.4	26.7	64.5	2.4	1.4	0.0	567.2	577.9	571.2	532.3	575.6	.
Cote d'Ivoire	372	181	41.3	17.4	32.6	8.7	0.3	51.6	197.4	165.2	180.2	164.0	85.6	183.4
Cyprus	775	662	26.1	29.7	37.7	6.6	0.9	13.2	447.1	465.6	470.2	476.5	454.9	471.4
Czech Republic	1348	1243	12.2	27.6	49.0	11.1	1.1	6.4	526.3	525.1	528.4	524.6	547.9	528.7
England	262	115	9.6	49.6	40.7	0.0	2.3	39.8	516.7	529.1	536.6	.	573.6	529.5
Finland	1239	1181	10.8	28.3	56.6	4.3	0.7	2.9	532.0	532.1	530.8	522.2	519.3	523.3
France	379	324	14.9	31.2	48.9	4.9	1.2	11.9	494.2	493.8	483.0	483.8	484.1	472.4
Georgia	936	904	36.5	18.6	40.5	4.4	2.6	0.1	449.0	450.3	445.0	456.4	439.3	497.7
Hong Kong SAR	185	116	12.9	49.2	38.0	0.0	0.9	34.9	543.5	542.3	518.1	.	443.5	519.7
Hungary	1086	889	19.0	28.1	46.5	6.3	0.9	15.8	526.4	526.6	519.2	517.5	487.5	518.9
Iran, Islamic Rep. of	224	224	66.7	22.5	9.5	1.3	0.0	0.0	417.6	428.2	406.6	420.3	.	.
Ireland	440	387	4.6	29.6	62.6	3.2	0.5	11.5	515.8	526.0	533.2	493.2	449.8	520.0
Israel	265	245	26.5	33.2	35.5	4.9	0.5	6.8	470.5	487.4	482.8	491.8	436.3	472.1
Italy	236	228	18.0	10.6	57.9	13.5	0.3	2.9	489.6	512.1	504.7	489.4	587.4	491.0
Japan	147	142	11.9	27.0	58.2	2.9	0.8	1.7	567.2	560.0	551.8	591.4	551.4	559.5
Jordan	225	221	56.9	27.1	13.4	2.5	1.9	0.0	417.2	410.0	390.0	425.9	460.5	.
Kazakhstan	1209	1153	44.5	29.1	25.7	0.7	2.9	1.4	437.8	442.0	452.8	449.7	443.2	422.9
Korea, Rep. of	243	237	10.7	32.4	55.2	1.7	0.0	2.8	549.5	546.5	545.0	528.6	.	535.1
Kuwait	157	153	60.6	29.3	10.1	0.0	1.5	1.1	412.6	432.1	430.1	.	432.4	372.6
Lithuania	1096	928	10.6	29.7	52.0	7.6	0.9	12.4	514.1	518.1	519.6	524.5	540.5	520.1
Malaysia	313	312	17.2	36.4	45.3	1.2	0.3	0.0	431.6	425.3	423.7	475.9	471.7	.
Malta	466	363	7.3	40.1	51.0	1.5	2.0	17.0	474.8	497.1	516.7	547.9	483.3	479.1
Morocco	511	482	77.5	11.4	10.9	0.3	1.6	2.2	326.4	319.1	338.4	362.4	299.5	346.5
New Zealand	211	130	5.8	22.5	59.9	11.9	2.6	39.3	459.9	523.4	496.6	500.4	419.8	508.4
Norway (9)	310	231	1.4	6.1	86.9	5.7	0.7	23.2	490.2	491.9	491.9	480.6	507.0	478.4
Oman	284	277	63.6	24.4	10.7	1.2	1.5	0.9	455.0	448.2	480.8	413.4	452.7	472.5
Palestinian Nat'l Auth.	199	188	55.6	28.2	15.7	0.5	2.0	2.9	393.8	390.7	396.4	338.7	409.2	374.9
Portugal	521	485	6.9	27.8	62.4	2.9	1.7	5.1	513.2	505.4	503.6	531.7	524.7	499.9
Qatar	242	234	46.9	27.1	25.2	0.8	0.0	1.8	477.5	477.3	490.6	510.8	501.3	485.4
Romania	429	308	44.9	17.9	36.4	0.8	2.0	25.3	469.4	462.4	476.1	522.1	474.0	451.5
Saudi Arabia	214	195	78.0	9.2	11.7	1.2	3.9	5.0	423.6	404.2	407.5	390.6	416.5	413.4
Singapore	345	345	3.7	35.5	60.4	0.4	0.0	0.0	609.2	616.8	599.8	600.7	.	.
South Africa (9)	288	216	14.3	26.7	55.6	3.3	0.2	29.4	346.9	388.7	358.1	369.3	359.4	355.8
Sweden	814	685	3.7	25.2	65.8	5.2	1.3	14.3	513.6	529.8	519.9	532.1	532.6	511.8
Turkiye	189	188	52.5	20.1	27.3	0.0	0.9	0.0	531.4	525.6	529.8	.	498.9	.
United Arab Emirates	1614	1347	37.1	31.1	30.2	1.6	1.5	12.8	471.5	492.8	490.8	519.1	473.2	498.5
United States	672	548	7.5	26.3	63.3	2.9	1.3	10.5	506.9	508.3	516.9	542.3	539.4	506.1
Uzbekistan	668	644	49.3	19.8	30.4	0.5	2.3	1.4	396.9	390.0	398.0	403.8	392.5	387.5
International Avg. (44)	23553	20362	27.8	27.2	41.5	3.6	1.4	11.0	469.2	473.9	472.9	474.9	463.5	465.4
Abu Dhabi, UAE	597	488	32.1	31.1	35.7	1.2	1.3	13.5	443.5	448.3	433.2	480.2	440.6	454.5
Dubai, UAE	432	360	24.3	36.0	37.0	2.7	1.2	11.7	520.4	557.7	560.1	549.1	481.3	537.7
Sharjah, UAE	307	252	51.8	27.4	19.7	1.1	1.8	15.4	487.7	490.5	506.0	500.1	496.8	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Read their textbooks or other resource materials
Location: TQS-15d (BTBS15D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	498	17.3	32.5	44.7	5.4	1.7	35.0	521.9	530.1	525.1	504.9	505.0	512.0
Austria	889	779	29.6	37.8	30.1	2.4	2.0	10.7	513.1	510.9	518.2	523.5	485.0	497.8
Azerbaijan	1140	900	59.9	16.0	23.2	0.8	5.2	14.1	410.4	413.8	412.2	379.5	405.5	414.9
Bahrain	223	222	46.8	27.0	25.5	0.7	0.4	0.0	456.2	442.9	450.7	531.5	465.9	.
Brazil	916	875	45.7	28.1	23.6	2.6	1.0	4.2	410.4	418.7	434.0	457.4	374.7	441.0
Chile	168	147	34.0	34.2	29.6	2.3	0.7	11.0	455.9	454.9	457.0	438.6	542.0	447.5
Chinese Taipei	239	236	17.6	30.2	47.9	4.3	1.4	0.0	568.9	572.2	574.7	548.0	575.6	.
Cote d'Ivoire	372	181	67.2	14.9	14.6	3.3	0.3	51.6	192.6	164.9	165.9	154.1	85.6	183.4
Cyprus	775	661	63.8	19.7	15.3	1.2	0.9	13.2	458.7	463.0	483.5	456.7	453.0	471.4
Czech Republic	1348	1244	10.1	25.9	56.3	7.7	1.0	6.4	522.5	522.7	528.5	533.3	555.9	528.7
England	262	117	8.9	27.8	55.7	7.7	1.4	39.8	526.9	529.6	537.2	513.8	540.8	529.5
Finland	1239	1183	46.2	32.0	21.0	0.8	0.7	2.9	527.1	533.0	535.8	531.0	531.2	523.3
France	379	326	43.2	25.4	27.5	3.9	0.7	11.9	493.1	489.9	479.7	476.9	498.3	472.4
Georgia	936	916	61.2	22.9	15.2	0.8	1.7	0.1	447.7	450.3	443.9	480.7	432.2	497.7
Hong Kong SAR	185	116	30.1	24.9	39.2	5.7	0.9	34.9	533.3	540.9	533.9	495.0	443.5	519.7
Hungary	1086	889	39.4	24.5	32.6	3.6	0.9	15.8	517.4	518.7	531.0	528.4	487.5	518.9
Iran, Islamic Rep. of	224	224	48.2	29.8	20.5	1.5	0.0	0.0	413.6	427.7	419.2	418.2	.	.
Ireland	440	387	17.9	18.2	48.1	15.9	0.5	11.5	538.1	520.4	529.3	527.8	449.8	520.0
Israel	265	245	29.7	38.0	30.6	1.8	0.3	6.8	476.7	485.3	482.2	461.0	447.4	472.1
Italy	236	228	36.6	21.3	37.2	4.9	0.3	2.9	496.3	507.3	501.5	498.7	587.4	491.0
Japan	147	143	27.2	25.5	44.5	2.8	0.4	1.7	556.3	562.5	556.5	524.2	522.7	559.5
Jordan	225	222	37.2	34.8	26.4	1.5	1.0	0.0	406.7	421.3	412.8	373.2	396.7	.
Kazakhstan	1209	1151	63.0	22.0	14.4	0.6	2.8	1.4	442.1	446.8	441.3	444.6	441.7	422.9
Korea, Rep. of	243	237	48.1	27.5	22.8	1.6	0.0	2.8	543.5	551.8	542.8	546.5	.	535.1
Kuwait	157	154	26.3	29.8	38.2	5.6	0.8	1.1	435.1	419.3	412.9	407.2	407.8	372.6
Lithuania	1096	926	37.6	30.0	30.0	2.4	1.0	12.4	518.2	523.3	513.6	543.6	539.8	520.1
Malaysia	313	312	46.6	30.9	22.0	0.5	0.3	0.0	427.6	421.8	427.1	540.5	471.7	.
Malta	466	364	17.3	17.1	39.3	26.4	1.7	17.0	493.6	482.8	512.5	520.0	483.1	479.1
Morocco	511	483	49.2	19.6	30.5	0.8	1.6	2.2	324.9	321.9	334.1	304.7	301.3	346.5
New Zealand	211	130	10.1	26.6	57.4	5.9	2.6	39.3	509.2	491.9	506.7	470.7	419.8	508.4
Norway (9)	310	231	14.1	38.1	44.4	3.3	0.7	23.2	490.2	491.2	490.8	503.0	507.0	478.4
Oman	284	277	36.2	33.0	28.7	2.0	1.5	0.9	456.3	450.9	458.6	477.9	452.7	472.5
Palestinian Nat'l Auth.	199	187	36.5	30.4	32.4	0.7	2.7	2.9	393.9	398.8	386.8	386.0	406.5	374.9
Portugal	521	486	22.9	24.5	45.8	6.8	1.4	5.1	503.4	506.7	506.4	503.7	524.6	499.9
Qatar	242	234	53.2	17.7	27.8	1.3	0.0	1.8	470.1	491.4	494.2	507.6	501.3	485.4
Romania	429	310	47.1	21.6	29.1	2.2	1.1	25.3	467.2	469.2	477.1	482.8	484.7	451.5
Saudi Arabia	214	195	62.6	25.6	10.6	1.2	3.9	5.0	422.6	417.4	412.5	366.2	416.5	413.4
Singapore	345	345	23.1	26.3	43.4	7.2	0.0	0.0	618.8	594.9	604.0	619.5	.	.
South Africa (9)	288	217	38.8	30.5	25.6	5.1	0.1	29.4	355.4	366.0	378.0	367.1	393.2	355.8
Sweden	814	688	23.2	44.9	31.1	0.7	0.7	14.3	512.8	527.8	522.6	547.6	536.3	511.8
Turkiye	189	187	49.1	23.9	25.5	1.6	1.3	0.0	527.7	531.5	531.9	524.3	519.3	.
United Arab Emirates	1614	1350	56.0	20.4	20.6	3.0	1.3	12.8	478.6	470.1	506.8	546.1	471.5	498.5
United States	672	551	17.1	23.4	52.2	7.3	0.9	10.5	493.2	520.9	519.8	514.4	503.8	506.1
Uzbekistan	668	646	70.5	11.3	16.8	1.3	2.1	1.4	396.7	387.9	398.1	381.7	399.1	387.5
International Avg. (44)	23553	20400	37.9	26.5	31.8	3.8	1.2	11.0	471.0	471.9	474.8	474.1	462.6	465.4
Abu Dhabi, UAE	597	489	53.7	21.8	21.8	2.7	1.2	13.5	444.0	423.3	447.5	510.3	422.6	454.5
Dubai, UAE	432	360	50.4	18.1	25.8	5.8	1.2	11.7	545.8	529.8	564.2	573.4	481.3	537.7
Sharjah, UAE	307	254	59.3	19.4	20.1	1.2	1.3	15.4	473.9	507.6	528.3	517.2	519.3	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Memorize facts and principles
Location: TQS-15e (BTBS15E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	497	11.2	28.8	53.7	6.3	1.8	35.0	521.6	525.6	524.7	531.9	506.5	512.0
Austria	889	777	1.8	16.3	57.5	24.4	2.2	10.7	521.0	520.7	512.9	511.7	488.2	497.8
Azerbaijan	1140	898	50.7	17.7	28.0	3.6	5.2	14.1	411.5	413.5	409.4	400.8	408.8	414.9
Bahrain	223	222	55.1	24.4	18.5	1.9	0.4	0.0	448.3	447.4	452.9	593.3	465.9	.
Brazil	916	873	33.0	29.7	32.9	4.5	1.0	4.2	422.4	418.3	418.8	407.3	390.8	441.0
Chile	168	147	13.5	31.2	46.6	8.7	0.7	11.0	447.6	451.3	459.5	461.1	542.0	447.5
Chinese Taipei	239	236	34.0	47.5	17.9	0.6	1.4	0.0	570.2	571.8	575.5	546.8	575.6	.
Cote d'Ivoire	372	180	60.1	16.1	20.6	3.2	0.6	51.6	180.4	192.9	190.0	158.8	103.0	183.4
Cyprus	775	662	19.6	25.5	41.8	13.1	0.9	13.2	464.7	465.2	463.2	458.8	439.0	471.4
Czech Republic	1348	1245	31.4	39.4	28.2	1.0	1.0	6.4	529.1	526.6	524.7	527.6	545.1	528.7
England	262	116	32.9	36.9	27.1	3.1	2.2	39.8	516.8	540.9	534.9	529.9	574.3	529.5
Finland	1239	1183	10.7	28.0	57.0	4.4	0.7	2.9	531.6	532.4	530.7	521.4	529.7	523.3
France	379	323	37.9	37.7	23.0	1.5	1.6	11.9	490.9	489.4	481.0	479.7	497.0	472.4
Georgia	936	907	65.9	21.5	12.0	0.6	2.7	0.1	449.1	445.4	445.8	466.9	437.5	497.7
Hong Kong SAR	185	116	23.8	42.9	32.3	1.0	0.9	34.9	531.8	531.4	538.9	466.2	443.5	519.7
Hungary	1086	888	26.2	31.2	33.3	9.4	1.0	15.8	520.3	521.0	524.5	525.6	498.0	518.9
Iran, Islamic Rep. of	224	222	49.6	31.6	17.8	1.0	0.8	0.0	413.3	424.2	421.4	448.7	481.2	.
Ireland	440	387	18.2	33.3	43.6	4.9	0.5	11.5	533.7	526.6	532.1	500.1	449.8	520.0
Israel	265	244	9.4	20.0	40.9	29.8	1.2	6.8	450.9	468.7	485.4	494.2	469.0	472.1
Italy	236	227	26.6	23.4	40.0	9.9	0.7	2.9	498.2	513.3	495.3	502.2	496.8	491.0
Japan	147	143	30.0	40.9	27.5	1.6	0.4	1.7	563.8	549.5	561.3	552.4	522.7	559.5
Jordan	225	218	57.7	28.4	12.9	1.1	2.4	0.0	416.3	409.0	412.3	415.2	372.9	.
Kazakhstan	1209	1149	68.4	21.4	9.8	0.3	3.1	1.4	446.5	437.0	431.6	442.5	443.3	422.9
Korea, Rep. of	243	236	30.9	36.2	29.9	3.0	0.4	2.8	547.9	544.5	545.7	537.5	545.5	535.1
Kuwait	157	152	56.3	20.0	22.6	1.1	1.6	1.1	421.3	395.1	432.4	536.1	447.0	372.6
Lithuania	1096	926	35.5	40.3	23.5	0.7	1.1	12.4	522.0	519.1	514.2	521.7	535.9	520.1
Malaysia	313	312	27.9	43.6	26.9	1.5	0.3	0.0	437.7	430.9	402.1	509.0	471.7	.
Malta	466	359	13.2	25.3	51.1	10.4	3.1	17.0	506.0	497.3	519.8	480.6	440.5	479.1
Morocco	511	482	53.1	20.2	23.0	3.8	1.7	2.2	324.8	331.0	328.6	325.4	301.4	346.5
New Zealand	211	130	7.9	15.5	61.8	14.8	2.6	39.3	532.1	521.1	491.8	501.4	419.8	508.4
Norway (9)	310	231	1.5	12.7	68.1	17.6	0.7	23.2	547.6	489.2	487.8	501.1	507.0	478.4
Oman	284	274	65.4	20.5	13.5	0.6	2.8	0.9	458.7	449.4	442.2	506.8	481.6	472.5
Palestinian Nat'l Auth.	199	188	61.1	28.5	10.4	0.0	2.0	2.9	396.5	390.4	380.3	.	409.2	374.9
Portugal	521	486	11.6	22.7	55.6	10.1	1.4	5.1	502.4	499.1	508.8	506.5	524.6	499.9
Qatar	242	235	47.3	28.1	22.0	2.6	0.0	1.8	480.6	465.9	489.6	580.1	.	485.4
Romania	429	310	28.1	18.9	43.0	10.0	1.1	25.3	468.4	463.7	473.4	480.0	490.3	451.5
Saudi Arabia	214	193	67.6	23.1	9.3	0.0	5.0	5.0	422.4	412.0	412.1	.	426.6	413.4
Singapore	345	345	13.9	34.7	46.1	5.3	0.0	0.0	630.7	588.9	612.3	601.4	.	.
South Africa (9)	288	217	33.1	35.1	29.4	2.3	0.1	29.4	363.1	363.7	372.6	314.6	393.2	355.8
Sweden	814	684	15.6	33.1	45.7	5.7	1.0	14.3	518.7	524.2	521.1	541.4	528.8	511.8
Turkiye	189	188	20.4	16.8	52.8	10.0	0.9	0.0	534.0	519.7	530.2	535.7	498.9	.
United Arab Emirates	1614	1344	43.5	21.3	30.1	5.2	1.9	12.8	475.8	470.6	502.9	518.3	460.5	498.5
United States	672	551	14.5	19.6	54.2	11.7	0.8	10.5	500.3	512.2	520.5	513.1	505.7	506.1
Uzbekistan	668	647	79.7	12.4	7.8	0.2	1.9	1.4	396.9	391.9	391.4	420.7	391.7	387.5
International Avg. (44)	23553	20350	34.0	27.3	32.9	5.7	1.4	11.0	474.3	470.5	472.9	485.1	463.3	465.4
Abu Dhabi, UAE	597	486	38.6	22.8	31.3	7.3	1.8	13.5	452.6	421.7	438.4	472.4	406.1	454.5
Dubai, UAE	432	360	33.3	21.0	40.7	5.1	1.2	11.7	535.5	533.1	566.7	567.5	481.3	537.7
Sharjah, UAE	307	252	50.5	21.3	22.7	5.5	2.6	15.4	477.5	488.7	512.0	555.7	500.2	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Use scientific formulas and laws to solve routine problems

Location: TQS-15f (BTBS15F)

Country	Sample	Valid N	1.Ever y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Ever y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	497	4.5	30.9	61.5	3.2	2.1	35.0	519.0	534.0	522.1	500.7	511.4	512.0
Austria	889	776	4.8	25.4	48.9	20.8	2.4	10.7	525.6	524.5	512.8	502.4	482.8	497.8
Azerbaijan	1140	893	41.1	19.0	37.3	2.5	5.7	14.1	412.4	417.4	407.4	401.9	405.2	414.9
Bahrain	223	222	44.2	33.0	21.3	1.5	0.4	0.0	461.2	448.3	439.6	422.0	465.9	.
Brazil	916	874	18.0	28.0	48.0	6.0	0.8	4.2	407.3	421.1	423.0	416.1	395.8	441.0
Chile	168	147	21.8	50.7	26.0	1.5	0.7	11.0	455.5	453.3	458.1	484.8	542.0	447.5
Chinese Taipei	239	236	17.4	45.4	35.5	1.7	1.4	0.0	576.9	575.9	565.9	532.0	575.6	.
Cote d'Ivoire	372	180	41.7	13.9	39.8	4.6	0.6	51.6	177.1	233.7	163.3	263.1	129.8	183.4
Cyprus	775	662	28.6	30.2	32.7	8.5	0.9	13.2	461.3	463.9	461.1	476.5	450.8	471.4
Czech Republic	1348	1240	16.0	29.2	42.3	12.6	1.4	6.4	533.5	524.1	527.4	522.9	540.8	528.7
England	262	116	11.9	55.1	33.0	0.0	2.2	39.8	505.6	527.8	545.5	.	574.3	529.5
Finland	1239	1181	12.5	30.7	43.9	12.9	0.9	2.9	541.6	535.1	525.2	530.6	518.5	523.3
France	379	325	15.8	29.6	45.6	9.0	0.9	11.9	494.8	490.8	485.1	482.9	479.8	472.4
Georgia	936	907	48.2	26.2	22.8	2.7	2.5	0.1	447.7	447.6	449.0	453.6	430.8	497.7
Hong Kong SAR	185	116	14.2	44.5	41.3	0.0	0.9	34.9	531.7	548.6	517.3	.	443.5	519.7
Hungary	1086	883	18.8	32.1	39.1	10.0	1.4	15.8	525.1	524.1	520.1	523.1	494.7	518.9
Iran, Islamic Rep. of	224	224	44.6	39.9	14.8	0.7	0.0	0.0	415.9	421.4	424.2	374.9	.	.
Ireland	440	387	5.8	46.8	46.8	0.6	0.5	11.5	532.3	526.2	530.8	569.9	449.8	520.0
Israel	265	245	18.6	22.7	46.3	12.5	0.4	6.8	466.2	493.9	487.1	461.9	410.7	472.1
Italy	236	228	22.1	28.1	47.8	2.0	0.3	2.9	494.7	506.5	499.4	516.6	587.4	491.0
Japan	147	143	19.1	39.8	40.4	0.7	0.4	1.7	563.3	558.2	552.8	569.1	522.7	559.5
Jordan	225	221	48.2	40.7	11.2	0.0	1.7	0.0	412.7	410.7	420.7	.	411.5	.
Kazakhstan	1209	1151	61.6	24.1	13.8	0.5	3.0	1.4	441.9	443.5	448.4	402.9	442.7	422.9
Korea, Rep. of	243	237	25.9	34.8	37.6	1.7	0.0	2.8	550.2	547.9	540.6	543.9	.	535.1
Kuwait	157	152	39.0	32.5	28.6	0.0	1.6	1.1	428.3	414.3	414.4	.	447.0	372.6
Lithuania	1096	925	37.4	29.8	23.6	9.3	1.3	12.4	518.9	518.6	517.7	522.6	540.7	520.1
Malaysia	313	312	18.4	44.9	35.5	1.2	0.3	0.0	445.3	434.1	409.4	341.8	471.7	.
Malta	466	363	28.7	43.6	22.2	5.4	2.1	17.0	504.6	498.7	525.7	509.2	455.3	479.1
Morocco	511	484	39.6	24.9	33.0	2.5	1.3	2.2	325.2	334.8	327.8	272.5	279.3	346.5
New Zealand	211	130	7.9	27.2	53.8	11.2	2.6	39.3	540.4	511.0	497.7	464.3	419.8	508.4
Norway (9)	310	231	1.1	13.9	71.7	13.3	0.7	23.2	546.6	491.0	489.7	494.9	507.0	478.4
Oman	284	275	50.7	30.1	19.2	0.0	2.2	0.9	454.3	448.3	469.5	.	464.2	472.5
Palestinian Nat'l Auth.	199	188	40.8	38.1	21.1	0.0	2.0	2.9	386.9	393.2	404.8	.	409.2	374.9
Portugal	521	485	11.4	29.0	48.8	10.8	1.6	5.1	499.4	510.5	503.8	506.7	524.1	499.9
Qatar	242	234	37.3	29.2	33.0	0.5	0.0	1.8	490.2	471.1	478.2	566.8	501.3	485.4
Romania	429	311	54.9	21.0	23.6	0.4	0.9	25.3	472.1	466.5	471.3	502.9	490.8	451.5
Saudi Arabia	214	194	61.1	27.8	10.9	0.2	4.4	5.0	425.6	409.4	410.5	554.3	412.8	413.4
Singapore	345	345	14.9	50.4	33.4	1.3	0.0	0.0	624.7	622.7	576.5	515.4	.	.
South Africa (9)	288	216	31.4	31.3	36.4	1.0	0.8	29.4	365.6	386.5	346.8	366.3	338.5	355.8
Sweden	814	683	6.8	26.1	63.4	3.7	1.5	14.3	519.8	533.7	518.7	523.2	529.4	511.8
Turkiye	189	188	30.8	30.5	36.6	2.1	0.9	0.0	533.7	522.4	533.0	521.9	498.9	.
United Arab Emirates	1614	1349	43.6	32.9	22.7	0.7	1.4	12.8	488.4	488.2	471.7	523.1	467.0	498.5
United States	672	550	10.6	34.1	50.7	4.7	0.9	10.5	508.6	516.4	513.9	534.2	498.2	506.1
Uzbekistan	668	648	62.3	14.0	22.5	1.2	1.9	1.4	396.7	392.1	395.7	394.7	395.3	387.5
International Avg. (44)	23553	20354	28.0	32.1	35.6	4.2	1.4	11.0	475.7	476.0	470.5	475.4	461.4	465.4
Abu Dhabi, UAE	597	488	35.9	35.0	28.0	1.1	1.5	13.5	458.5	436.0	425.1	538.2	416.8	454.5
Dubai, UAE	432	360	40.7	38.0	20.7	0.7	1.2	11.7	547.9	554.3	543.6	523.6	481.3	537.7
Sharjah, UAE	307	254	52.2	25.1	22.7	0.0	1.3	15.4	489.4	500.2	487.8	.	528.3	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Do field work outside of class
Location: TQS-15g (BTBS15G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	497	1.1	8.8	55.5	34.7	2.3	35.0	509.2	522.1	524.8	526.2	514.8	512.0
Austria	889	776	0.8	5.0	41.6	52.6	2.2	10.7	547.7	515.3	517.2	511.1	485.2	497.8
Azerbaijan	1140	900	20.1	18.5	58.3	3.1	5.0	14.1	404.5	413.1	412.0	430.3	403.0	414.9
Bahrain	223	221	14.2	14.7	53.9	17.2	0.6	0.0	463.9	456.1	447.5	451.1	474.3	.
Brazil	916	875	18.4	21.9	53.8	5.8	0.7	4.2	428.8	428.6	413.5	407.6	383.3	441.0
Chile	168	147	4.5	19.1	48.3	28.0	0.7	11.0	440.3	448.7	458.3	457.7	542.0	447.5
Chinese Taipei	239	235	2.6	6.3	47.8	43.3	2.1	0.0	574.4	567.2	572.5	570.8	589.8	.
Cote d'Ivoire	372	181	9.4	7.9	47.9	34.7	0.3	51.6	183.8	191.6	174.2	193.8	85.6	183.4
Cyprus	775	662	21.2	19.3	35.6	23.9	0.8	13.2	451.8	452.9	467.0	476.6	447.8	471.4
Czech Republic	1348	1246	0.6	2.9	58.2	38.4	1.0	6.4	553.8	520.4	527.0	526.5	552.0	528.7
England	262	117	0.6	2.1	55.3	42.1	1.4	39.8	519.5	519.2	521.0	548.2	540.8	529.5
Finland	1239	1181	8.9	29.1	58.5	3.4	0.8	2.9	523.4	532.7	530.8	533.3	537.8	523.3
France	379	326	1.1	5.1	31.7	62.1	0.7	11.9	473.0	496.1	485.1	489.0	498.3	472.4
Georgia	936	912	8.8	13.3	69.7	8.3	1.9	0.1	444.7	447.5	446.8	460.9	438.5	497.7
Hong Kong SAR	185	116	1.1	2.9	50.4	45.6	0.9	34.9	538.1	516.9	534.2	533.1	443.5	519.7
Hungary	1086	889	5.4	10.1	65.9	18.6	0.9	15.8	524.7	518.6	524.7	516.3	487.5	518.9
Iran, Islamic Rep. of	224	224	30.1	38.5	30.6	0.8	0.0	0.0	404.9	431.7	418.3	367.7	.	.
Ireland	440	387	0.7	7.5	79.7	12.1	0.5	11.5	555.6	539.3	529.1	520.1	449.8	520.0
Israel	265	246	5.9	13.3	57.6	23.2	0.2	6.8	431.1	476.5	490.5	474.2	445.3	472.1
Italy	236	228	2.0	8.8	50.3	38.8	0.3	2.9	506.5	485.3	504.4	499.1	587.4	491.0
Japan	147	143	1.2	3.5	45.1	50.1	0.4	1.7	558.2	560.9	559.2	554.8	522.7	559.5
Jordan	225	222	15.9	24.0	48.5	11.6	1.0	0.0	403.9	416.8	416.7	401.6	396.7	.
Kazakhstan	1209	1154	24.6	25.6	47.8	2.1	2.7	1.4	446.7	438.1	443.8	445.2	439.8	422.9
Korea, Rep. of	243	237	2.2	5.4	45.8	46.6	0.0	2.8	543.4	541.5	545.2	546.8	.	535.1
Kuwait	157	153	6.0	12.4	57.9	23.7	1.5	1.1	413.3	419.1	420.6	420.3	442.7	372.6
Lithuania	1096	927	2.1	10.1	71.2	16.6	1.0	12.4	505.6	516.4	517.1	530.9	526.9	520.1
Malaysia	313	312	3.0	19.7	65.1	12.2	0.3	0.0	433.6	431.0	429.2	401.0	471.7	.
Malta	466	361	2.1	3.5	48.5	45.9	2.7	17.0	459.7	478.5	518.4	498.8	473.4	479.1
Morocco	511	483	10.9	11.2	60.9	17.0	1.4	2.2	335.0	325.1	328.6	317.8	287.0	346.5
New Zealand	211	130	0.0	9.4	56.1	34.5	2.6	39.3	.	488.9	509.4	490.5	419.8	508.4
Norway (9)	310	231	0.0	5.2	87.7	7.2	0.7	23.2	.	497.1	493.0	465.9	507.0	478.4
Oman	284	274	10.5	23.4	61.8	4.4	2.9	0.9	447.1	457.6	455.9	457.5	460.2	472.5
Palestinian Nat'l Auth.	199	188	3.1	17.5	73.5	5.9	2.0	2.9	382.9	393.1	394.5	381.0	409.2	374.9
Portugal	521	486	0.6	4.1	63.7	31.6	1.4	5.1	533.5	513.5	503.5	508.3	524.6	499.9
Qatar	242	234	15.2	12.0	57.7	15.2	0.0	1.8	467.9	494.8	473.6	511.8	501.3	485.4
Romania	429	311	9.2	11.0	62.6	17.2	0.9	25.3	461.2	442.5	474.1	482.2	490.8	451.5
Saudi Arabia	214	194	22.2	22.7	41.3	13.7	4.4	5.0	413.7	428.0	419.7	417.4	408.9	413.4
Singapore	345	345	0.4	8.0	50.8	40.8	0.0	0.0	554.8	624.4	592.8	619.7	.	.
South Africa (9)	288	216	2.6	8.3	51.9	37.2	0.3	29.4	352.2	364.2	362.3	370.2	346.0	355.8
Sweden	814	684	0.2	5.8	72.2	21.7	2.0	14.3	503.6	520.7	523.7	521.2	523.9	511.8
Turkiye	189	188	20.6	22.3	52.9	4.2	0.9	0.0	537.1	512.0	536.6	503.3	498.9	.
United Arab Emirates	1614	1344	12.9	17.9	53.4	15.8	1.9	12.8	477.3	483.4	488.2	480.2	476.2	498.5
United States	672	551	1.8	7.5	42.6	48.0	0.8	10.5	482.1	533.4	515.1	513.5	505.7	506.1
Uzbekistan	668	649	33.8	17.7	45.4	3.2	1.6	1.4	397.5	395.1	394.2	400.8	401.3	387.5
International Avg. (44)	23553	20383	8.2	12.8	54.9	24.2	1.3	11.0	466.4	471.7	473.0	471.2	462.0	465.4
Abu Dhabi, UAE	597	486	9.9	17.9	50.7	21.6	1.8	13.5	450.9	461.9	437.0	432.7	435.5	454.5
Dubai, UAE	432	358	9.0	16.3	58.2	16.5	1.7	11.7	505.5	536.2	558.5	554.3	493.8	537.7
Sharjah, UAE	307	254	17.4	16.9	54.3	11.4	1.3	15.4	505.5	476.8	492.6	489.8	519.3	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in mixed ability groups
Location: TQS-15h (BTBS15H)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	498	21.0	41.7	35.1	2.1	1.7	35.0	518.7	528.8	525.4	509.6	505.0	512.0
Austria	889	776	5.2	18.9	42.9	33.0	2.4	10.7	507.0	511.0	512.9	519.7	473.7	497.8
Azerbaijan	1140	901	34.8	25.0	39.1	1.0	4.9	14.1	407.2	415.7	412.2	393.3	405.4	414.9
Bahrain	223	222	53.6	26.9	19.4	0.1	0.4	0.0	464.1	444.4	427.3	520.0	465.9	.
Brazil	916	873	16.0	34.4	45.8	3.8	0.8	4.2	408.7	428.6	417.5	404.8	376.9	441.0
Chile	168	147	19.8	36.2	33.3	10.7	0.7	11.0	460.6	455.6	455.1	446.7	542.0	447.5
Chinese Taipei	239	236	2.6	15.1	54.2	28.2	1.4	0.0	591.7	575.9	574.4	562.6	575.6	.
Cote d'Ivoire	372	181	22.8	22.2	40.9	14.1	0.3	51.6	173.0	198.7	182.1	179.1	85.6	183.4
Cyprus	775	663	25.1	24.2	35.9	14.8	0.7	13.2	458.9	464.4	468.9	455.2	451.8	471.4
Czech Republic	1348	1245	6.1	26.9	62.4	4.6	0.9	6.4	520.9	526.2	527.0	537.4	543.2	528.7
England	262	116	25.5	33.1	29.0	12.4	2.2	39.8	517.4	546.3	526.9	527.5	574.3	529.5
Finland	1239	1177	12.8	30.1	48.8	8.3	0.9	2.9	522.8	533.4	531.4	531.1	525.1	523.3
France	379	323	14.1	26.1	52.3	7.5	1.4	11.9	492.2	492.1	484.1	494.7	483.6	472.4
Georgia	936	907	17.5	20.7	53.9	7.9	2.8	0.1	445.2	449.0	447.6	457.3	430.5	497.7
Hong Kong SAR	185	116	15.1	31.0	48.3	5.6	0.9	34.9	525.4	540.3	529.6	547.1	443.5	519.7
Hungary	1086	887	8.0	20.7	63.5	7.8	1.2	15.8	521.7	515.3	523.0	538.0	497.6	518.9
Iran, Islamic Rep. of	224	222	33.9	38.5	24.4	3.2	0.8	0.0	404.7	424.9	432.6	400.7	402.0	.
Ireland	440	386	37.5	36.1	25.1	1.3	0.6	11.5	531.7	525.0	534.4	454.9	469.3	520.0
Israel	265	246	15.4	34.2	47.7	2.8	0.2	6.8	470.8	483.8	483.2	477.0	445.3	472.1
Italy	236	228	6.3	27.5	56.4	9.8	0.3	2.9	498.7	489.4	505.4	506.4	587.4	491.0
Japan	147	143	29.6	35.8	27.2	7.4	0.4	1.7	570.8	555.8	550.3	533.2	522.7	559.5
Jordan	225	220	31.6	33.8	29.0	5.6	2.4	0.0	408.0	416.3	418.3	394.0	401.7	.
Kazakhstan	1209	1153	45.5	32.8	21.2	0.5	2.9	1.4	440.7	442.7	448.2	435.9	444.2	422.9
Korea, Rep. of	243	237	15.0	25.1	52.1	7.8	0.0	2.8	543.6	548.0	545.7	542.4	.	535.1
Kuwait	157	149	37.4	36.2	24.8	1.5	4.3	1.1	427.3	421.9	406.2	357.3	446.5	372.6
Lithuania	1096	928	7.4	29.0	60.4	3.3	0.9	12.4	513.9	515.6	520.1	536.9	547.9	520.1
Malaysia	313	312	22.0	46.0	31.3	0.7	0.3	0.0	433.0	429.5	419.3	310.3	471.7	.
Malta	466	362	22.0	28.2	45.3	4.5	2.3	17.0	522.3	510.3	500.6	464.6	476.6	479.1
Morocco	511	484	14.0	17.4	59.8	8.9	1.3	2.2	339.1	329.5	326.2	309.9	279.3	346.5
New Zealand	211	130	29.1	26.5	35.5	9.0	2.6	39.3	508.1	495.2	486.7	550.7	419.8	508.4
Norway (9)	310	231	12.5	40.2	44.5	2.8	0.7	23.2	499.5	499.3	482.9	471.0	507.0	478.4
Oman	284	277	42.1	34.0	22.6	1.2	1.5	0.9	458.3	452.6	455.4	451.6	452.7	472.5
Palestinian Nat'l Auth.	199	188	22.1	37.4	37.3	3.2	2.0	2.9	404.9	397.4	386.2	341.6	409.2	374.9
Portugal	521	486	6.2	24.8	63.4	5.5	1.4	5.1	519.9	502.7	505.9	499.1	524.6	499.9
Qatar	242	234	46.6	31.8	20.3	1.3	0.0	1.8	489.7	481.0	464.7	423.7	501.3	485.4
Romania	429	311	14.4	19.6	62.2	3.9	0.9	25.3	460.3	469.6	473.0	482.0	490.8	451.5
Saudi Arabia	214	195	47.0	37.8	13.5	1.8	3.9	5.0	428.8	415.1	404.3	383.1	416.5	413.4
Singapore	345	345	6.5	27.8	58.7	7.0	0.0	0.0	611.7	611.9	607.3	568.3	.	.
South Africa (9)	288	217	11.3	28.6	51.1	9.0	0.1	29.4	336.1	380.6	358.7	387.5	393.2	355.8
Sweden	814	684	13.7	31.7	53.4	1.2	0.9	14.3	516.7	523.6	524.2	527.0	519.6	511.8
Turkiye	189	188	17.2	23.9	54.4	4.6	0.9	0.0	548.9	517.9	528.4	536.4	498.9	.
United Arab Emirates	1614	1350	48.9	34.9	15.6	0.6	1.4	12.8	497.9	479.6	452.4	539.9	472.6	498.5
United States	672	551	30.4	42.3	25.9	1.4	0.8	10.5	523.0	514.0	506.6	534.5	505.7	506.1
Uzbekistan	668	649	45.4	22.1	29.9	2.6	1.6	1.4	397.3	389.7	396.8	404.6	403.6	387.5
International Avg. (44)	23553	20374	23.0	29.9	40.9	6.2	1.3	11.0	473.7	473.8	469.8	464.7	461.7	465.4
Abu Dhabi, UAE	597	489	45.8	36.1	17.9	0.2	1.2	13.5	451.9	440.3	419.6	502.6	422.6	454.5
Dubai, UAE	432	359	52.1	36.0	10.9	1.0	1.4	11.7	560.7	544.7	510.3	561.6	480.9	537.7
Sharjah, UAE	307	255	53.8	27.8	17.1	1.3	1.2	15.4	500.2	484.6	474.5	524.3	527.0	533.2

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in same ability groups
Location: TQS-15i (BTBS15I)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lesson s %	3.Some lesson s %	4.Never r %	Omitted d %	Not Admini- stered %	1.Every or almost every lesson Mean	2.About half the lesson s Mean	3.Some lesson s Mean	4.Never r Mean	Omitted d Mean	Not Admini- stered Mean
Australia	864	498	8.0	34.2	47.1	10.7	1.7	35.0	513.6	531.2	521.4	530.1	505.0	512.0
Austria	889	777	6.0	21.2	51.9	20.8	2.2	10.7	515.2	524.3	510.6	512.4	482.9	497.8
Azerbaijan	1140	898	24.1	21.9	40.7	13.3	5.2	14.1	407.3	416.0	408.5	418.5	404.2	414.9
Bahrain	223	222	26.9	31.7	31.8	9.7	0.4	0.0	441.2	448.8	457.1	473.4	465.9	.
Brazil	916	876	14.5	37.0	44.1	4.5	0.7	4.2	401.7	433.0	412.5	430.1	384.4	441.0
Chile	168	147	12.1	36.8	35.8	15.3	0.7	11.0	445.1	453.2	463.7	449.9	542.0	447.5
Chinese Taipei	239	236	1.7	12.3	51.3	34.7	1.4	0.0	611.7	567.3	575.1	566.4	575.6	.
Cote d'Ivoire	372	181	8.4	12.2	39.0	40.4	0.3	51.6	166.6	183.3	176.2	193.6	85.6	183.4
Cyprus	775	663	4.2	12.0	34.9	48.8	0.7	13.2	475.6	469.0	476.3	451.5	451.8	471.4
Czech Republic	1348	1243	2.8	19.2	60.6	17.4	1.1	6.4	521.7	525.7	527.2	527.2	550.7	528.7
England	262	116	12.8	27.7	42.9	16.7	2.2	39.8	526.0	544.7	521.5	536.5	574.3	529.5
Finland	1239	1181	11.3	36.8	44.9	7.1	0.7	2.9	527.8	536.7	527.1	528.9	534.3	523.3
France	379	323	3.3	12.9	44.8	39.0	1.4	11.9	486.9	496.9	481.2	493.3	483.6	472.4
Georgia	936	909	15.2	23.7	52.8	8.2	2.5	0.1	441.5	449.1	447.8	459.1	433.1	497.7
Hong Kong SAR	185	116	3.1	17.0	56.5	23.3	0.9	34.9	548.4	540.7	533.8	524.5	443.5	519.7
Hungary	1086	885	2.7	11.3	62.5	23.5	1.5	15.8	533.7	517.8	521.1	527.4	499.2	518.9
Iran, Islamic Rep. of	224	224	21.6	30.5	41.0	7.0	0.0	0.0	399.7	428.2	420.4	430.2	.	.
Ireland	440	387	2.2	17.4	41.4	39.0	0.5	11.5	538.9	518.4	526.0	536.3	449.8	520.0
Israel	265	246	4.4	17.1	40.6	37.9	0.2	6.8	421.4	479.4	477.5	493.2	445.3	471.1
Italy	236	228	3.1	17.8	48.2	30.9	0.3	2.9	500.8	483.4	503.7	505.9	587.4	491.0
Japan	147	142	1.9	10.1	22.9	65.1	0.8	1.7	598.8	559.8	563.1	553.2	551.4	559.5
Jordan	225	220	18.0	25.0	39.2	17.8	1.8	0.0	399.5	413.2	416.5	417.3	411.9	.
Kazakhstan	1209	1151	44.1	29.0	24.0	2.8	3.2	1.4	436.9	442.9	451.2	466.8	444.8	422.9
Korea, Rep. of	243	237	4.3	11.5	40.5	43.7	0.0	2.8	557.8	542.8	546.2	544.8	.	535.1
Kuwait	157	152	18.8	31.7	33.3	16.3	2.0	1.1	422.8	422.9	416.8	415.6	446.3	372.6
Lithuania	1096	927	5.5	27.9	59.2	7.4	1.0	12.4	517.4	519.8	518.1	523.5	538.2	520.1
Malaysia	313	312	10.3	38.7	41.0	10.0	0.3	0.0	437.4	422.1	419.6	458.0	471.7	.
Malta	466	362	4.1	18.9	46.5	30.5	2.3	17.0	462.2	504.9	506.8	515.3	454.2	479.1
Morocco	511	483	8.6	7.9	46.1	37.4	1.6	2.2	333.5	324.7	330.3	321.9	297.5	346.5
New Zealand	211	130	7.6	17.1	49.8	25.5	2.6	39.3	529.9	486.9	506.3	491.1	419.8	508.4
Norway (9)	310	231	4.5	32.2	52.0	11.3	0.7	23.2	503.7	494.4	486.8	497.8	507.0	478.4
Oman	284	276	17.6	23.6	37.5	21.3	2.0	0.9	450.5	455.3	453.2	463.4	465.6	472.5
Palestinian Nat'l Auth.	199	186	5.4	25.1	49.7	19.8	3.0	2.9	383.0	391.2	393.3	397.2	405.3	374.9
Portugal	521	486	2.0	11.8	57.7	28.6	1.4	5.1	527.8	503.7	504.8	506.4	524.6	499.9
Qatar	242	235	23.1	25.2	39.1	12.7	0.0	1.8	471.8	497.1	477.7	476.0	.	485.4
Romania	429	310	14.8	19.6	62.3	3.2	1.0	25.3	464.4	462.3	474.5	483.4	484.1	451.5
Saudi Arabia	214	195	20.2	30.3	35.5	14.0	3.9	5.0	420.2	424.2	421.2	404.4	416.5	413.4
Singapore	345	345	2.8	17.7	57.6	21.9	0.0	0.0	595.8	607.2	605.2	609.1	.	.
South Africa (9)	288	216	6.4	17.2	48.2	28.3	0.2	29.4	329.3	386.8	368.1	354.6	369.7	355.8
Sweden	814	685	1.0	7.3	44.5	47.2	0.9	14.3	559.2	527.4	519.1	525.2	519.6	511.8
Turkiye	189	188	11.9	20.7	56.4	11.1	0.9	0.0	525.3	531.8	534.4	507.3	498.9	.
United Arab Emirates	1614	1348	22.6	34.7	35.0	7.8	1.5	12.8	475.5	477.1	492.3	512.6	465.8	498.5
United States	672	551	10.4	35.5	45.2	9.0	0.8	10.5	519.7	514.8	513.6	518.6	505.7	506.1
Uzbekistan	668	645	40.1	18.4	36.8	4.6	2.1	1.4	396.4	389.6	397.5	396.8	405.0	387.5
International Avg. (44)	23553	20369	11.2	22.4	44.8	21.5	1.3	11.0	471.4	473.9	472.9	476.1	462.6	465.4
Abu Dhabi, UAE	597	487	22.7	40.3	32.0	4.9	1.6	13.5	446.3	431.1	449.6	465.4	418.8	454.5
Dubai, UAE	432	360	18.5	32.3	38.6	10.7	1.2	11.7	521.3	549.7	557.8	566.1	481.3	537.7
Sharjah, UAE	307	254	23.4	31.6	38.1	6.9	1.3	15.4	487.2	489.8	494.3	504.0	519.3	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Encouraging students to ask questions about scientific phenomena
Location: TQS-16a (BTBS16A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	494	75.5	22.7	1.8	2.0	35.0	525.9	518.6	556.0	517.2	512.0
Austria	889	775	72.1	27.2	0.7	2.4	10.7	515.1	511.5	509.5	489.6	497.8
Azerbaijan	1140	889	91.1	8.8	0.1	6.0	14.1	411.4	406.9	463.8	406.7	414.9
Bahrain	223	219	88.6	11.4	0.0	2.2	0.0	454.0	430.8	.	471.0	.
Brazil	916	878	76.4	23.3	0.3	0.8	4.2	422.0	411.1	405.8	376.2	441.0
Chile	168	146	82.6	17.4	0.0	1.3	11.0	457.0	451.0	.	467.9	447.5
Chinese Taipei	239	236	56.9	41.1	2.0	1.2	0.0	572.6	572.0	541.4	578.0	.
Cote d'Ivoire	372	181	94.5	5.5	0.0	0.3	51.6	182.8	192.0	.	85.6	183.4
Cyprus	775	659	81.7	17.7	0.6	1.3	13.2	464.6	459.0	469.0	435.6	471.4
Czech Republic	1348	1247	44.2	53.5	2.3	0.7	6.4	529.2	525.2	525.5	535.1	528.7
England	262	115	55.1	42.0	2.9	3.1	39.8	524.3	534.8	548.5	591.7	529.5
Finland	1239	1177	50.6	47.0	2.5	1.1	2.9	535.0	526.5	529.7	529.4	523.3
France	379	324	90.0	9.2	0.8	1.6	11.9	487.4	497.5	506.0	468.0	472.4
Georgia	936	895	58.7	40.5	0.8	3.9	0.1	451.9	442.1	422.0	447.5	497.7
Hong Kong SAR	185	115	52.5	45.3	2.3	1.6	34.9	533.7	534.7	494.4	480.5	519.7
Hungary	1086	882	71.0	28.2	0.8	1.7	15.8	525.0	517.5	498.1	499.7	518.9
Iran, Islamic Rep. of	224	223	78.4	20.7	0.9	0.5	0.0	421.0	414.2	370.7	387.6	.
Ireland	440	387	64.9	34.5	0.6	2.1	11.5	530.2	528.6	487.7	493.7	520.0
Israel	265	240	76.7	23.0	0.2	1.2	6.8	484.5	471.2	517.0	461.8	472.1
Italy	236	226	83.4	16.2	0.4	1.1	2.9	499.1	508.3	523.3	519.3	491.0
Japan	147	142	56.2	42.4	1.3	1.0	1.7	558.4	555.3	558.3	540.7	559.5
Jordan	225	220	84.6	15.4	0.0	1.6	0.0	414.2	405.0	.	411.7	.
Kazakhstan	1209	1146	66.6	32.9	0.5	3.2	1.4	445.3	436.5	451.7	457.4	422.9
Korea, Rep. of	243	237	53.6	44.2	2.2	0.0	2.8	544.7	547.0	543.6	.	535.1
Kuwait	157	153	72.7	27.3	0.0	1.1	1.1	424.6	407.2	.	454.6	372.6
Lithuania	1096	922	49.4	49.7	0.9	1.6	12.4	521.0	517.2	524.1	520.1	520.1
Malaysia	313	312	68.3	31.4	0.4	0.4	0.0	432.6	413.5	353.9	440.0	.
Malta	466	360	68.0	30.6	1.4	2.9	17.0	514.9	491.1	423.9	487.2	479.1
Morocco	511	488	87.0	13.0	0.0	0.4	2.2	327.0	322.0	.	374.2	346.5
New Zealand	211	134	78.7	19.9	1.4	0.4	39.3	498.0	497.8	497.1	433.5	508.4
Norway (9)	310	230	62.3	37.2	0.5	1.0	23.2	491.2	491.0	508.6	505.4	478.4
Oman	284	275	91.9	8.1	0.0	2.5	0.9	455.4	448.4	.	486.3	472.5
Palestinian Nat'l Auth.	199	187	87.4	12.0	0.6	2.8	2.9	394.2	386.2	354.0	406.0	374.9
Portugal	521	487	87.6	12.1	0.3	1.1	5.1	507.4	494.4	509.4	513.3	499.9
Qatar	242	234	88.8	10.7	0.5	0.0	1.8	479.9	486.1	566.8	501.3	485.4
Romania	429	308	88.9	11.1	0.0	2.1	25.3	472.4	459.4	.	477.0	451.5
Saudi Arabia	214	197	88.2	11.8	0.0	2.7	5.0	421.2	406.1	.	420.1	413.4
Singapore	345	345	57.8	41.6	0.7	0.0	0.0	619.9	587.7	565.9	.	.
South Africa (9)	288	218	79.3	20.7	0.0	0.0	29.4	362.9	373.1	.	.	355.8
Sweden	814	682	70.5	28.0	1.5	2.2	14.3	523.3	522.3	526.8	518.3	511.8
Turkiye	189	188	61.9	36.9	1.2	0.6	0.0	530.6	526.5	590.9	478.5	.
United Arab Emirates	1614	1356	88.5	11.5	0.0	1.2	12.8	487.8	457.5	.	497.7	498.5
United States	672	553	72.2	26.7	1.1	0.8	10.5	511.4	523.0	559.2	508.4	506.1
Uzbekistan	668	642	89.1	10.5	0.4	2.6	1.4	395.7	397.3	396.7	392.6	387.5
International Avg. (44)	23553	20324	73.7	25.5	0.8	1.6	11.0	474.1	468.3	493.9	465.0	465.4
Abu Dhabi, UAE	597	491	86.5	13.5	0.0	1.5	13.5	448.5	398.6	.	439.1	454.5
Dubai, UAE	432	360	89.4	10.6	0.0	1.0	11.7	550.6	532.0	.	526.9	537.7
Sharjah, UAE	307	255	89.9	10.1	0.0	1.3	15.4	492.1	486.8	.	541.5	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students predict the outcomes of experiments or investigations

Location: TQS-16b (BTBS16B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	493	70.6	28.4	1.0	2.1	35.0	529.0	516.4	467.0	516.2	512.0
Austria	889	775	45.5	43.9	10.5	2.4	10.7	518.6	509.5	513.3	490.8	497.8
Azerbaijan	1140	879	67.0	32.5	0.5	7.1	14.1	410.8	411.6	402.3	408.5	414.9
Bahrain	223	219	81.6	18.4	0.0	2.2	0.0	455.0	435.7	.	471.0	.
Brazil	916	876	51.3	46.4	2.3	0.9	4.2	427.9	411.0	399.5	377.3	441.0
Chile	168	146	71.7	27.4	0.9	1.3	11.0	455.3	457.1	476.8	467.9	447.5
Chinese Taipei	239	236	38.6	55.1	6.3	1.2	0.0	573.3	573.0	550.9	578.0	.
Cote d'Ivoire	372	181	45.7	43.2	11.1	0.3	51.6	188.7	175.9	189.5	85.6	183.4
Cyprus	775	658	80.3	17.8	1.9	1.5	13.2	463.1	464.6	477.8	436.8	471.4
Czech Republic	1348	1242	41.3	52.0	6.6	1.2	6.4	529.3	525.3	521.2	554.7	528.7
England	262	114	56.4	43.1	0.4	3.8	39.8	531.7	527.0	522.5	577.4	529.5
Finland	1239	1177	25.5	66.1	8.4	0.9	2.9	534.6	531.8	512.2	535.2	523.3
France	379	324	66.2	33.3	0.5	1.6	11.9	488.0	489.2	491.0	468.0	472.4
Georgia	936	893	48.8	50.0	1.2	4.0	0.1	448.5	447.1	445.9	446.4	497.7
Hong Kong SAR	185	115	67.6	31.2	1.1	1.6	34.9	536.7	532.0	362.9	480.5	519.7
Hungary	1086	880	43.3	47.3	9.5	1.8	15.8	527.8	518.3	520.4	500.3	518.9
Iran, Islamic Rep. of	224	223	69.1	30.4	0.5	0.5	0.0	420.9	415.7	392.0	387.6	.
Ireland	440	387	77.1	22.9	0.0	2.1	11.5	532.5	519.0	.	493.7	520.0
Israel	265	240	74.5	24.6	0.9	1.2	6.8	484.0	473.7	493.8	461.8	472.1
Italy	236	226	56.3	39.6	4.0	1.1	2.9	504.5	496.0	494.6	519.3	491.0
Japan	147	142	61.5	37.1	1.4	1.0	1.7	560.7	551.5	545.9	540.7	559.5
Jordan	225	220	71.7	27.4	0.9	1.6	0.0	418.1	399.8	383.1	411.7	.
Kazakhstan	1209	1138	56.0	43.6	0.5	4.0	1.4	448.3	435.4	454.0	448.7	422.9
Korea, Rep. of	243	237	55.2	44.2	0.6	0.0	2.8	548.5	542.4	529.1	.	535.1
Kuwait	157	153	73.3	26.7	0.0	1.1	1.1	425.0	405.6	.	454.6	372.6
Lithuania	1096	921	46.3	48.7	4.9	1.6	12.4	518.3	519.4	522.5	526.9	520.1
Malaysia	313	312	67.3	32.7	0.0	0.4	0.0	434.2	410.1	.	440.0	.
Malta	466	359	60.1	39.1	0.8	3.1	17.0	522.8	482.0	445.2	492.3	479.1
Morocco	511	486	62.2	37.2	0.6	0.5	2.2	323.8	330.1	351.3	366.6	346.5
New Zealand	211	134	60.9	39.1	0.0	0.4	39.3	500.6	493.8	.	433.5	508.4
Norway (9)	310	230	45.0	53.4	1.6	0.9	23.2	488.5	494.1	471.9	503.2	478.4
Oman	284	274	90.3	9.7	0.0	2.9	0.9	451.9	479.0	.	489.9	472.5
Palestinian Nat'l Auth.	199	187	70.2	29.8	0.0	2.8	2.9	396.9	383.9	.	406.0	374.9
Portugal	521	486	68.2	31.4	0.4	1.3	5.1	507.6	502.8	442.9	509.2	499.9
Qatar	242	234	77.6	21.9	0.5	0.0	1.8	478.3	488.9	566.8	501.3	485.4
Romania	429	307	54.8	41.1	4.1	2.5	25.3	472.2	470.2	473.2	462.5	451.5
Saudi Arabia	214	197	80.6	18.8	0.6	2.7	5.0	423.7	403.5	343.5	420.1	413.4
Singapore	345	345	42.3	55.9	1.8	0.0	0.0	610.9	607.7	441.4	.	.
South Africa (9)	288	217	51.9	45.7	2.4	0.1	29.4	373.0	354.4	396.1	355.2	355.8
Sweden	814	680	53.4	44.6	2.1	2.8	14.3	520.9	524.1	556.6	520.4	511.8
Turkiye	189	187	77.3	22.7	0.0	1.1	0.0	532.8	519.3	.	511.9	.
United Arab Emirates	1614	1353	81.0	18.9	0.1	1.4	12.8	488.9	465.7	539.1	482.6	498.5
United States	672	553	62.1	36.6	1.3	0.8	10.5	516.5	514.2	468.0	508.4	506.1
Uzbekistan	668	638	71.2	28.1	0.7	3.2	1.4	396.6	395.2	381.6	386.3	387.5
International Avg. (44)	23553	20274	61.8	36.1	2.1	1.7	11.0	475.4	468.2	459.6	462.6	465.4
Abu Dhabi, UAE	597	490	77.0	22.8	0.2	1.8	13.5	447.7	422.0	539.1	431.1	454.5
Dubai, UAE	432	360	85.6	14.4	0.0	1.0	11.7	550.2	539.3	.	526.9	537.7
Sharjah, UAE	307	254	78.7	21.3	0.0	1.4	15.4	495.1	478.9	.	533.2	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students discuss variation in data from experiments or investigations

Location: TQS-16c (BTBS16C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	492	50.0	46.9	3.1	2.8	35.0	529.7	518.5	536.6	521.2	512.0
Austria	889	772	27.7	51.8	20.5	2.6	10.7	525.7	515.4	495.1	491.5	497.8
Azerbaijan	1140	879	74.3	25.0	0.6	7.0	14.1	411.9	408.1	418.2	408.6	414.9
Bahrain	223	217	64.9	33.4	1.7	3.2	0.0	460.5	435.2	416.0	466.9	.
Brazil	916	872	44.7	52.0	3.3	1.2	4.2	420.4	421.0	393.5	358.7	441.0
Chile	168	146	53.5	44.6	1.9	1.3	11.0	458.6	452.7	459.2	467.9	447.5
Chinese Taipei	239	236	34.4	60.4	5.2	1.2	0.0	577.0	570.7	549.5	578.0	.
Cote d'Ivoire	372	181	46.0	42.3	11.6	0.3	51.6	188.7	175.8	189.3	85.6	183.4
Cyprus	775	658	53.5	41.9	4.7	1.5	13.2	463.6	463.7	462.7	438.0	471.4
Czech Republic	1348	1243	31.9	58.2	9.9	1.1	6.4	528.7	526.1	524.5	550.3	528.7
England	262	115	36.7	63.3	0.0	3.1	39.8	525.4	531.7	.	591.7	529.5
Finland	1239	1176	18.1	71.1	10.8	1.2	2.9	537.7	531.4	516.5	527.5	523.3
France	379	324	43.6	51.7	4.7	1.6	11.9	490.7	486.4	490.3	468.0	472.4
Georgia	936	889	46.3	51.5	2.1	4.5	0.1	448.8	446.9	443.1	448.1	497.7
Hong Kong SAR	185	114	40.0	57.7	2.3	2.3	34.9	540.8	526.0	554.7	515.4	519.7
Hungary	1086	881	36.3	52.2	11.5	1.7	15.8	529.4	518.2	520.5	503.8	518.9
Iran, Islamic Rep. of	224	223	61.8	37.7	0.5	0.5	0.0	414.7	426.8	392.0	387.6	.
Ireland	440	386	50.0	48.1	1.9	2.2	11.5	536.0	521.4	558.4	494.8	520.0
Israel	265	240	57.9	35.8	6.3	1.2	6.8	479.7	479.5	510.1	461.8	472.1
Italy	236	226	48.4	46.9	4.8	1.1	2.9	502.7	499.4	493.1	519.3	491.0
Japan	147	142	66.3	33.7	0.0	1.0	1.7	561.3	548.8	.	540.7	559.5
Jordan	225	219	59.1	38.6	2.4	2.3	0.0	416.4	409.9	367.1	414.3	.
Kazakhstan	1209	1132	54.3	44.8	0.9	4.4	1.4	449.3	434.3	455.3	450.7	422.9
Korea, Rep. of	243	236	45.9	48.5	5.7	0.7	2.8	547.1	545.6	536.4	540.4	535.1
Kuwait	157	153	62.7	36.6	0.7	1.1	1.1	430.5	402.0	394.4	454.6	372.6
Lithuania	1096	922	45.0	50.2	4.8	1.6	12.4	519.8	518.3	518.7	529.7	520.1
Malaysia	313	310	46.7	51.8	1.5	0.9	0.0	436.0	418.5	370.5	472.3	.
Malta	466	359	44.6	51.5	4.0	3.2	17.0	522.4	495.5	470.4	484.1	479.1
Morocco	511	486	57.2	41.1	1.7	0.8	2.2	327.9	324.0	343.0	322.7	346.5
New Zealand	211	134	34.8	59.3	5.9	0.4	39.3	505.7	498.0	452.2	433.5	508.4
Norway (9)	310	231	18.8	75.2	6.0	0.7	23.2	490.1	492.5	479.6	507.0	478.4
Oman	284	272	82.7	17.0	0.3	4.0	0.9	456.8	444.2	403.0	481.6	472.5
Palestinian Nat'l Auth.	199	186	57.5	41.7	0.8	3.3	2.9	395.8	390.1	379.3	395.7	374.9
Portugal	521	487	52.7	42.7	4.6	1.1	5.1	508.3	504.0	493.7	513.3	499.9
Qatar	242	233	72.2	26.8	1.0	0.2	1.8	475.3	495.4	517.6	436.2	485.4
Romania	429	307	53.8	44.0	2.2	2.6	25.3	473.1	468.3	480.6	469.8	451.5
Saudi Arabia	214	197	59.1	39.2	1.7	2.7	5.0	426.5	409.7	395.9	420.1	413.4
Singapore	345	345	22.6	66.0	11.5	0.0	0.0	628.1	606.6	560.3	.	.
South Africa (9)	288	217	31.3	65.6	3.2	0.1	29.4	368.4	364.6	341.6	355.2	355.8
Sweden	814	679	40.1	56.5	3.4	2.8	14.3	525.5	522.5	503.4	520.3	511.8
Turkiye	189	188	59.8	39.9	0.3	0.6	0.0	535.5	521.2	550.2	478.5	.
United Arab Emirates	1614	1350	68.6	30.6	0.8	1.5	12.8	488.5	477.0	428.9	486.1	498.5
United States	672	551	43.1	54.7	2.2	0.9	10.5	517.4	515.7	462.8	494.1	506.1
Uzbekistan	668	639	75.3	23.6	1.1	3.0	1.4	397.2	391.5	411.3	388.0	387.5
International Avg. (44)	23553	20245	49.4	46.6	4.0	1.9	11.0	476.7	469.4	458.1	462.2	465.4
Abu Dhabi, UAE	597	487	63.2	35.0	1.8	1.8	13.5	448.2	433.2	391.9	431.9	454.5
Dubai, UAE	432	359	70.8	28.6	0.6	1.4	11.7	551.1	543.0	549.7	524.0	537.7
Sharjah, UAE	307	255	68.2	31.8	0.0	1.3	15.4	495.2	483.7	.	541.5	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students use multiple sources of evidence to explain scientific phenomena
Location: TQS-16d (BTBS16D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	492	28.3	63.0	8.7	2.8	35.0	534.0	519.9	529.0	521.3	512.0
Austria	889	774	21.4	53.7	24.8	2.5	10.7	517.3	516.2	506.7	491.5	497.8
Azerbaijan	1140	879	60.9	38.6	0.5	7.2	14.1	410.7	411.4	407.6	409.2	414.9
Bahrain	223	218	53.0	41.7	5.3	2.9	0.0	464.0	437.8	436.8	458.1	.
Brazil	916	877	42.1	52.5	5.4	0.8	4.2	417.8	421.1	415.8	378.3	441.0
Chile	168	146	49.9	41.8	8.2	1.3	11.0	456.8	458.2	439.5	467.9	447.5
Chinese Taipei	239	236	39.2	57.2	3.5	1.2	0.0	577.6	569.4	544.9	578.0	.
Cote d'Ivoire	372	181	41.9	50.1	8.0	0.3	51.6	186.0	177.3	206.7	85.6	183.4
Cyprus	775	657	42.9	48.4	8.7	1.6	13.2	457.8	469.8	458.9	434.7	471.4
Czech Republic	1348	1245	40.7	55.6	3.7	1.0	6.4	530.1	526.3	503.0	535.0	528.7
England	262	115	8.8	78.7	12.6	3.1	39.8	543.4	526.6	537.5	591.7	529.5
Finland	1239	1177	13.6	69.5	16.9	1.0	2.9	535.2	532.8	519.1	537.5	523.3
France	379	321	34.5	52.7	12.8	2.1	11.9	484.8	487.4	503.6	467.4	472.4
Georgia	936	885	39.4	57.0	3.6	4.8	0.1	449.5	446.8	452.4	440.7	497.7
Hong Kong SAR	185	113	19.4	66.2	14.4	2.7	34.9	528.1	529.6	550.3	524.7	519.7
Hungary	1086	879	37.6	49.5	12.9	1.8	15.8	526.3	519.7	521.9	508.2	518.9
Iran, Islamic Rep. of	224	223	62.3	37.7	0.0	0.5	0.0	418.2	420.7	.	387.6	.
Ireland	440	387	22.8	67.6	9.5	2.1	11.5	534.0	529.8	515.8	493.7	520.0
Israel	265	240	41.7	43.8	14.5	1.2	6.8	464.7	492.8	495.9	461.8	472.1
Italy	236	226	43.2	46.7	10.1	1.1	2.9	506.2	498.8	486.1	519.3	491.0
Japan	147	142	61.4	38.6	0.0	1.0	1.7	562.6	548.3	.	540.7	559.5
Jordan	225	220	52.8	46.2	1.0	1.6	0.0	416.0	407.3	491.1	411.7	.
Kazakhstan	1209	1139	54.5	44.4	1.0	3.8	1.4	444.6	440.1	457.5	449.1	422.9
Korea, Rep. of	243	237	48.6	49.2	2.2	0.0	2.8	548.5	543.4	535.4	.	535.1
Kuwait	157	152	44.1	50.5	5.4	1.7	1.1	427.1	410.7	441.5	454.9	372.6
Lithuania	1096	923	40.8	54.5	4.8	1.4	12.4	521.2	517.2	521.9	527.2	520.1
Malaysia	313	311	38.2	58.2	3.6	0.7	0.0	436.3	423.9	371.0	386.6	.
Malta	466	358	26.1	57.9	16.0	3.5	17.0	520.5	504.1	492.2	486.9	479.1
Morocco	511	484	46.8	51.4	1.8	0.9	2.2	327.6	325.5	333.1	316.4	346.5
New Zealand	211	134	25.9	59.3	14.8	0.4	39.3	520.8	493.6	475.4	433.5	508.4
Norway (9)	310	231	14.1	73.3	12.6	0.7	23.2	486.8	490.5	500.4	507.0	478.4
Oman	284	275	62.2	37.3	0.5	2.5	0.9	456.6	452.6	392.4	486.3	472.5
Palestinian Nat'l Auth.	199	186	46.9	52.8	0.4	3.1	2.9	399.4	386.5	380.9	419.3	374.9
Portugal	521	487	40.5	53.8	5.7	1.1	5.1	509.4	503.3	503.2	513.3	499.9
Qatar	242	234	62.3	36.2	1.6	0.0	1.8	480.1	479.7	548.1	501.3	485.4
Romania	429	307	56.3	41.9	1.8	2.4	25.3	467.5	474.5	492.1	478.2	451.5
Saudi Arabia	214	197	67.0	32.4	0.6	2.7	5.0	418.8	422.2	333.2	420.1	413.4
Singapore	345	345	11.5	70.9	17.6	0.0	0.0	619.3	607.7	591.3	.	.
South Africa (9)	288	217	33.5	56.7	9.8	0.1	29.4	371.9	360.2	369.5	355.2	355.8
Sweden	814	680	22.6	65.0	12.4	2.8	14.3	518.1	525.2	520.6	520.4	511.8
Turkiye	189	188	52.7	47.1	0.2	0.6	0.0	532.5	526.7	556.8	478.5	.
United Arab Emirates	1614	1352	66.5	32.3	1.2	1.5	12.8	487.3	478.5	477.6	494.3	498.5
United States	672	553	42.8	52.2	5.0	0.8	10.5	509.4	516.0	553.7	508.4	506.1
Uzbekistan	668	640	77.6	21.8	0.6	2.9	1.4	395.8	395.7	400.4	394.5	387.5
International Avg. (44)	23553	20263	41.8	51.3	6.9	1.8	11.0	475.5	471.0	470.7	461.3	465.4
Abu Dhabi, UAE	597	490	60.5	38.6	0.8	1.5	13.5	450.9	428.3	406.9	438.4	454.5
Dubai, UAE	432	358	65.5	32.7	1.8	1.5	11.7	547.1	553.4	523.2	527.8	537.7
Sharjah, UAE	307	255	72.7	26.7	0.6	1.3	15.4	494.4	484.4	463.2	541.5	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students create representations
(e.g., models, graphs) to explain scientific phenomena
Location: TQS-16e (BTBS16E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	493	40.8	59.1	0.1	2.8	35.0	536.5	516.6	530.0	520.5	512.0
Austria	889	776	15.6	58.4	26.0	2.4	10.7	531.2	516.1	499.2	489.5	497.8
Azerbaijan	1140	883	56.0	42.7	1.4	6.9	14.1	410.8	411.0	416.2	408.4	414.9
Bahrain	223	219	56.4	38.7	4.8	2.2	0.0	458.9	447.5	395.3	471.0	.
Brazil	916	875	31.9	58.8	9.3	1.0	4.2	423.4	418.6	411.7	374.2	441.0
Chile	168	146	67.9	32.1	0.0	1.3	11.0	459.6	448.4	.	467.9	447.5
Chinese Taipei	239	236	41.7	52.7	5.6	1.2	0.0	580.0	567.5	550.4	578.0	.
Cote d'Ivoire	372	179	10.5	56.0	33.4	0.5	51.6	176.2	181.5	187.0	173.6	183.4
Cyprus	775	659	40.4	47.8	11.8	1.3	13.2	460.3	468.4	455.5	435.6	471.4
Czech Republic	1348	1241	26.5	62.2	11.2	1.4	6.4	528.2	526.4	524.7	550.0	528.7
England	262	115	34.9	63.3	1.8	3.1	39.8	526.4	531.7	507.6	591.7	529.5
Finland	1239	1178	13.9	77.1	9.0	1.0	2.9	538.3	531.2	516.0	537.4	523.3
France	379	322	61.0	36.7	2.3	2.0	11.9	486.1	491.5	500.7	473.2	472.4
Georgia	936	887	40.6	56.3	3.1	4.6	0.1	449.4	446.8	448.3	443.6	497.7
Hong Kong SAR	185	115	15.8	69.9	14.3	1.6	34.9	571.3	532.0	497.6	480.5	519.7
Hungary	1086	882	27.8	58.8	13.4	1.6	15.8	529.1	522.0	511.4	503.4	518.9
Iran, Islamic Rep. of	224	223	47.7	49.4	2.9	0.5	0.0	414.0	424.3	416.1	387.6	.
Ireland	440	387	33.3	63.6	3.0	2.1	11.5	536.6	525.0	544.4	493.7	520.0
Israel	265	239	40.4	52.1	7.5	1.5	6.8	481.4	477.9	512.4	446.8	472.1
Italy	236	226	43.8	49.0	7.2	1.1	2.9	499.3	504.4	484.2	519.3	491.0
Japan	147	142	69.2	30.8	0.0	1.0	1.7	562.0	546.1	.	540.7	559.5
Jordan	225	218	44.2	50.9	4.9	2.5	0.0	414.5	414.6	387.4	394.0	.
Kazakhstan	1209	1137	49.2	49.4	1.3	3.9	1.4	445.5	440.0	445.2	448.5	422.9
Korea, Rep. of	243	237	41.7	51.9	6.3	0.0	2.8	549.4	542.7	546.2	.	535.1
Kuwait	157	152	34.8	59.8	5.5	2.0	1.1	437.7	413.6	364.6	463.6	372.6
Lithuania	1096	920	37.4	56.3	6.4	1.7	12.4	519.9	518.4	519.2	526.7	520.1
Malaysia	313	312	36.3	59.6	4.0	0.4	0.0	434.7	425.3	367.0	440.0	.
Malta	466	361	18.0	64.3	17.7	2.6	17.0	512.9	509.4	484.1	510.6	479.1
Morocco	511	485	45.2	50.5	4.2	1.1	2.2	321.9	332.9	297.7	334.5	346.5
New Zealand	211	134	23.4	64.4	12.2	0.4	39.3	528.0	493.6	463.7	433.5	508.4
Norway (9)	310	231	13.7	77.0	9.4	0.7	23.2	492.3	490.9	492.5	507.0	478.4
Oman	284	274	67.5	32.1	0.3	2.9	0.9	456.7	450.5	403.0	489.9	472.5
Palestinian Nat'l Auth.	199	186	37.4	57.1	5.5	3.2	2.9	403.0	388.9	375.1	393.7	374.9
Portugal	521	487	27.8	61.9	10.3	1.1	5.1	506.4	507.0	496.8	513.3	499.9
Qatar	242	234	59.7	39.1	1.1	0.0	1.8	480.4	481.4	506.2	501.3	485.4
Romania	429	307	43.6	53.6	2.8	2.4	25.3	469.1	472.4	472.0	475.3	451.5
Saudi Arabia	214	197	50.5	45.2	4.4	2.7	5.0	420.7	416.1	439.2	420.1	413.4
Singapore	345	344	10.7	72.0	17.3	0.1	0.0	643.3	604.4	590.7	561.2	.
South Africa (9)	288	216	27.1	70.0	3.0	0.6	29.4	361.5	363.6	436.8	345.4	355.8
Sweden	814	681	14.3	73.5	12.2	2.3	14.3	520.2	524.0	521.1	518.3	511.8
Turkiye	189	188	52.5	47.5	0.0	0.6	0.0	531.0	528.6	.	478.5	.
United Arab Emirates	1614	1350	57.5	41.1	1.4	1.6	12.8	487.5	481.6	443.2	485.2	498.5
United States	672	550	49.3	49.4	1.3	0.9	10.5	521.4	508.5	523.5	506.6	506.1
Uzbekistan	668	641	65.9	32.2	1.8	2.7	1.4	397.4	392.8	399.5	389.7	387.5
International Avg. (44)	23553	20265	39.2	54.0	6.9	1.8	11.0	477.6	471.3	460.6	465.7	465.4
Abu Dhabi, UAE	597	489	53.1	45.5	1.4	1.8	13.5	457.4	427.7	323.4	430.7	454.5
Dubai, UAE	432	358	57.1	41.7	1.2	1.5	11.7	542.6	556.8	563.4	525.4	537.7
Sharjah, UAE	307	254	59.2	38.7	2.0	1.4	15.4	492.4	491.6	469.6	533.2	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students use scientific concepts to explain phenomena
Location: TQS-16f (BTBS16F)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	493	58.7	41.2	0.1	2.8	35.0	533.1	512.6	597.0	520.5	512.0
Austria	889	772	30.1	52.8	17.1	2.7	10.7	526.7	511.2	501.7	487.4	497.8
Azerbaijan	1140	881	63.4	35.5	1.1	6.8	14.1	410.1	411.6	441.6	408.3	414.9
Bahrain	223	219	75.6	23.0	1.4	2.2	0.0	456.6	436.8	410.6	471.0	.
Brazil	916	875	50.7	47.3	2.0	1.2	4.2	420.1	420.4	381.8	384.7	441.0
Chile	168	146	75.2	24.8	0.0	1.3	11.0	458.0	450.0	.	467.9	447.5
Chinese Taipei	239	236	58.6	38.9	2.5	1.2	0.0	576.3	566.9	542.1	578.0	.
Cote d'Ivoire	372	180	37.9	47.5	14.6	0.6	51.6	189.6	177.8	185.5	132.0	183.4
Cyprus	775	658	65.8	30.9	3.3	1.5	13.2	460.3	470.7	460.7	445.0	471.4
Czech Republic	1348	1243	20.5	68.5	11.0	1.1	6.4	530.2	527.1	518.4	552.1	528.7
England	262	115	57.8	40.5	1.7	3.1	39.8	536.6	518.8	536.1	591.7	529.5
Finland	1239	1178	48.8	48.6	2.6	1.0	2.9	539.2	525.4	473.6	537.4	523.3
France	379	322	55.0	41.3	3.7	2.0	11.9	490.9	485.4	489.9	466.7	472.4
Georgia	936	883	44.2	51.2	4.6	5.5	0.1	451.5	445.6	440.6	443.4	497.7
Hong Kong SAR	185	115	52.0	46.8	1.2	1.6	34.9	536.6	530.6	496.3	480.5	519.7
Hungary	1086	885	50.8	44.9	4.3	1.3	15.8	529.0	517.5	496.2	505.2	518.9
Iran, Islamic Rep. of	224	223	59.3	40.4	0.3	0.5	0.0	418.2	421.4	327.2	387.6	.
Ireland	440	386	36.7	60.1	3.2	2.5	11.5	537.2	524.4	536.4	496.8	520.0
Israel	265	239	74.1	25.6	0.3	1.5	6.8	483.5	476.7	518.8	446.8	472.1
Italy	236	226	52.0	46.5	1.5	1.1	2.9	504.9	496.8	475.5	519.3	491.0
Japan	147	142	69.4	30.6	0.0	1.0	1.7	559.0	552.7	.	540.7	559.5
Jordan	225	218	73.0	25.6	1.4	1.9	0.0	416.8	403.2	374.3	412.3	.
Kazakhstan	1209	1135	52.1	45.7	2.2	4.0	1.4	441.8	442.3	464.5	453.8	422.9
Korea, Rep. of	243	237	67.5	31.3	1.2	0.0	2.8	547.0	543.2	537.8	.	535.1
Kuwait	157	153	66.0	34.0	0.0	1.1	1.1	421.3	416.9	.	454.6	372.6
Lithuania	1096	925	55.4	41.5	3.1	1.2	12.4	523.7	512.9	516.3	531.8	520.1
Malaysia	313	312	54.8	44.0	1.2	0.4	0.0	436.7	415.8	341.9	440.0	.
Malta	466	359	47.1	47.6	5.3	3.2	17.0	521.7	495.0	475.6	484.1	479.1
Morocco	511	485	66.5	32.2	1.3	1.0	2.2	325.7	328.0	326.8	333.4	346.5
New Zealand	211	134	48.4	49.2	2.3	0.4	39.3	514.7	482.0	489.7	433.5	508.4
Norway (9)	310	231	53.2	43.9	2.8	0.7	23.2	493.7	488.9	481.8	507.0	478.4
Oman	284	275	72.8	26.9	0.2	2.5	0.9	458.1	446.5	374.9	486.3	472.5
Palestinian Nat'l Auth.	199	187	69.8	29.6	0.6	2.8	2.9	399.4	379.2	333.8	406.0	374.9
Portugal	521	487	73.6	25.7	0.7	1.1	5.1	507.5	500.8	506.7	513.3	499.9
Qatar	242	234	77.5	22.0	0.5	0.0	1.8	480.0	482.9	566.8	501.3	485.4
Romania	429	307	61.5	36.6	1.9	2.4	25.3	471.9	469.4	456.4	482.4	451.5
Saudi Arabia	214	196	74.4	25.0	0.6	3.3	5.0	424.5	406.7	343.5	414.3	413.4
Singapore	345	345	53.6	45.4	1.0	0.0	0.0	627.9	583.2	483.9	.	.
South Africa (9)	288	217	46.1	48.5	5.5	0.1	29.4	370.4	359.0	374.1	355.2	355.8
Sweden	814	681	78.3	21.7	0.0	2.3	14.3	521.0	530.5	.	518.3	511.8
Turkiye	189	188	60.9	38.7	0.4	0.6	0.0	537.5	517.3	574.9	478.5	.
United Arab Emirates	1614	1351	76.6	23.0	0.4	1.5	12.8	489.4	467.3	514.5	487.7	498.5
United States	672	552	57.5	41.6	0.8	0.9	10.5	518.4	509.5	562.3	511.6	506.1
Uzbekistan	668	640	74.3	24.5	1.1	2.9	1.4	397.7	390.1	401.8	392.8	387.5
International Avg. (44)	23553	20266	59.0	38.4	2.5	1.8	11.0	477.2	467.1	458.3	463.4	465.4
Abu Dhabi, UAE	597	490	71.3	28.6	0.1	1.5	13.5	451.0	419.0	442.3	438.4	454.5
Dubai, UAE	432	359	79.3	19.9	0.7	1.4	11.7	549.6	545.6	546.0	524.0	537.7
Sharjah, UAE	307	254	81.0	18.4	0.6	1.6	15.4	494.5	480.8	478.3	512.5	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students argue about science questions
Location: TQS-16g (BTBS16G)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	493	16.1	69.7	14.2	2.8	35.0	531.2	523.3	524.2	520.5	512.0
Austria	889	776	43.5	49.8	6.7	2.4	10.7	519.2	511.4	500.8	489.5	497.8
Azerbaijan	1140	873	67.7	31.5	0.8	7.8	14.1	410.0	412.4	424.1	409.5	414.9
Bahrain	223	217	69.7	28.4	1.9	2.8	0.0	451.1	450.5	473.2	469.6	.
Brazil	916	875	54.1	43.8	2.1	1.5	4.2	425.0	414.5	378.9	395.6	441.0
Chile	168	146	42.0	53.5	4.5	1.3	11.0	458.2	454.2	456.6	467.9	447.5
Chinese Taipei	239	236	19.7	59.6	20.7	1.2	0.0	576.2	574.8	558.9	578.0	.
Cote d'Ivoire	372	181	45.4	45.3	9.2	0.3	51.6	191.6	173.8	188.9	85.6	183.4
Cyprus	775	659	62.8	34.6	2.5	1.3	13.2	455.6	476.7	482.3	435.6	471.4
Czech Republic	1348	1244	32.5	60.6	6.8	1.0	6.4	529.4	525.8	522.8	554.6	528.7
England	262	115	8.7	69.5	21.8	3.1	39.8	535.8	534.7	509.9	591.7	529.5
Finland	1239	1170	25.2	68.0	6.8	1.8	2.9	539.8	529.6	511.4	527.3	523.3
France	379	323	23.1	64.1	12.8	1.7	11.9	481.7	489.8	495.2	460.7	472.4
Georgia	936	894	53.3	45.3	1.4	4.1	0.1	450.5	444.5	458.3	443.2	497.7
Hong Kong SAR	185	115	21.4	65.6	13.0	1.6	34.9	543.8	526.0	552.8	480.5	519.7
Hungary	1086	881	25.3	61.7	13.0	1.7	15.8	528.7	523.6	504.0	512.9	518.9
Iran, Islamic Rep. of	224	223	71.3	28.3	0.5	0.5	0.0	417.3	424.2	396.0	387.6	.
Ireland	440	387	19.8	63.5	16.7	2.1	11.5	521.0	527.2	547.8	493.7	520.0
Israel	265	239	67.3	31.7	1.1	1.5	6.8	482.5	480.0	472.3	463.5	472.1
Italy	236	226	51.8	44.3	3.9	1.1	2.9	505.4	495.8	494.4	519.3	491.0
Japan	147	142	60.8	37.8	1.3	1.0	1.7	558.3	555.2	558.3	540.7	559.5
Jordan	225	220	54.6	41.1	4.3	1.6	0.0	418.3	407.6	392.0	411.7	.
Kazakhstan	1209	1136	55.4	42.8	1.9	4.0	1.4	439.8	444.9	471.7	451.6	422.9
Korea, Rep. of	243	236	22.7	60.1	17.3	0.3	2.8	551.1	545.0	541.4	531.8	535.1
Kuwait	157	153	46.0	47.8	6.2	1.1	1.1	427.0	420.9	358.1	454.6	372.6
Lithuania	1096	920	31.6	62.9	5.5	1.7	12.4	526.4	515.6	514.8	528.8	520.1
Malaysia	313	311	40.4	55.1	4.5	0.7	0.0	439.9	417.6	409.8	442.8	.
Malta	466	358	36.3	54.6	9.2	3.4	17.0	515.9	503.0	490.1	485.8	479.1
Morocco	511	485	51.6	45.4	3.0	1.0	2.2	326.9	326.1	320.1	343.1	346.5
New Zealand	211	134	16.8	50.3	32.9	0.4	39.3	514.4	503.6	481.0	433.5	508.4
Norway (9)	310	231	42.4	56.1	1.5	0.7	23.2	489.7	492.8	478.6	507.0	478.4
Oman	284	272	57.4	40.0	2.6	4.0	0.9	455.4	452.4	467.3	481.6	472.5
Palestinian Nat'l Auth.	199	187	90.1	9.9	0.0	2.8	2.9	396.0	365.7	.	406.0	374.9
Portugal	521	486	55.2	43.4	1.5	1.3	5.1	507.4	504.2	496.5	508.4	499.9
Qatar	242	233	62.9	35.5	1.6	0.1	1.8	477.4	484.1	551.7	539.7	485.4
Romania	429	307	49.9	47.8	2.4	2.3	25.3	471.4	471.1	460.5	474.1	451.5
Saudi Arabia	214	197	79.6	19.8	0.6	2.7	5.0	421.0	415.4	343.5	420.1	413.4
Singapore	345	344	9.2	67.8	23.1	0.2	0.0	621.4	614.3	576.2	600.8	.
South Africa (9)	288	217	38.5	56.2	5.3	0.1	29.4	369.0	361.6	373.0	355.2	355.8
Sweden	814	681	65.7	33.1	1.2	2.3	14.3	523.4	523.4	500.5	518.3	511.8
Turkiye	189	187	68.4	31.6	0.0	1.4	0.0	532.4	524.4	.	505.3	.
United Arab Emirates	1614	1350	58.7	39.5	1.8	1.5	12.8	480.5	492.0	439.9	493.4	498.5
United States	672	553	26.4	59.3	14.3	0.8	10.5	512.7	516.5	513.3	508.4	506.1
Uzbekistan	668	642	86.4	13.5	0.1	2.5	1.4	396.3	392.5	414.9	395.7	387.5
International Avg. (44)	23553	20255	46.1	47.0	6.9	1.8	11.0	475.6	471.4	466.8	468.8	465.4
Abu Dhabi, UAE	597	489	57.2	39.7	3.1	1.6	13.5	449.1	436.9	369.8	441.2	454.5
Dubai, UAE	432	358	51.7	47.2	1.1	1.5	11.7	536.7	560.8	593.5	530.1	537.7
Sharjah, UAE	307	254	65.3	33.4	1.3	1.4	15.4	491.3	490.6	535.1	533.2	533.2

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students conduct experiments
(hands-on or virtually)

Location: TQS-16h (BTBS16H)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	492	56.0	43.3	0.7	3.0	35.0	529.4	518.7	522.9	520.5	512.0
Austria	889	772	30.5	50.7	18.8	2.9	10.7	522.5	514.2	500.2	492.2	497.8
Azerbaijan	1140	876	46.9	50.1	3.1	7.4	14.1	409.7	412.1	419.0	406.5	414.9
Bahrain	223	218	58.1	40.3	1.6	2.5	0.0	464.8	433.2	412.4	475.4	.
Brazil	916	875	32.0	61.6	6.4	0.8	4.2	424.3	418.6	403.1	379.0	441.0
Chile	168	146	53.6	45.8	0.6	1.3	11.0	456.2	455.7	457.8	467.9	447.5
Chinese Taipei	239	236	52.0	41.4	6.6	1.2	0.0	577.9	567.7	548.4	578.0	.
Cote d'Ivoire	372	181	30.7	49.5	19.9	0.3	51.6	167.9	182.4	209.3	85.6	183.4
Cyprus	775	658	47.7	38.1	14.3	1.5	13.2	456.9	468.9	471.0	446.5	471.4
Czech Republic	1348	1243	28.8	59.1	12.1	1.1	6.4	531.0	526.2	519.3	549.4	528.7
England	262	114	54.1	45.9	0.0	3.4	39.8	529.6	529.1	.	586.4	529.5
Finland	1239	1178	39.4	53.7	6.9	1.0	2.9	536.1	529.6	509.3	537.4	523.3
France	379	324	60.0	37.5	2.5	1.6	11.9	489.9	486.9	476.5	468.0	472.4
Georgia	936	891	31.2	63.4	5.4	4.1	0.1	449.1	447.7	441.3	445.9	497.7
Hong Kong SAR	185	115	72.5	27.5	0.0	1.6	34.9	542.2	509.7	.	480.5	519.7
Hungary	1086	882	24.1	59.9	16.0	1.6	15.8	528.9	522.2	513.6	506.7	518.9
Iran, Islamic Rep. of	224	222	59.3	38.9	1.8	0.9	0.0	418.2	420.7	395.3	444.7	.
Ireland	440	387	52.9	46.2	0.9	2.1	11.5	528.3	532.1	457.0	493.7	520.0
Israel	265	238	51.8	44.6	3.6	2.0	6.8	479.2	482.1	519.2	451.1	472.1
Italy	236	226	43.5	48.7	7.8	1.1	2.9	501.3	502.6	486.0	519.3	491.0
Japan	147	142	80.5	19.0	0.5	1.0	1.7	557.7	554.1	575.2	540.7	559.5
Jordan	225	220	53.4	43.0	3.6	1.6	0.0	417.7	410.1	371.5	411.7	.
Kazakhstan	1209	1139	49.8	48.0	2.1	3.8	1.4	444.0	441.3	443.4	449.7	422.9
Korea, Rep. of	243	237	35.5	59.0	5.5	0.0	2.8	552.9	542.8	530.2	.	535.1
Kuwait	157	152	62.2	35.7	2.1	1.6	1.1	424.8	417.0	361.7	396.4	372.6
Lithuania	1096	918	41.7	53.1	5.2	2.0	12.4	517.0	520.9	517.2	522.4	520.1
Malaysia	313	311	54.6	44.5	1.0	0.7	0.0	435.9	416.4	375.5	386.6	.
Malta	466	360	44.3	54.0	1.8	2.9	17.0	520.5	496.6	448.4	487.2	479.1
Morocco	511	485	18.1	61.8	20.1	0.9	2.2	333.7	323.1	331.0	317.4	346.5
New Zealand	211	134	58.4	40.4	1.2	0.4	39.3	515.5	475.3	404.7	433.5	508.4
Norway (9)	310	231	21.2	76.3	2.5	0.7	23.2	500.8	489.1	475.3	507.0	478.4
Oman	284	275	79.1	20.4	0.5	2.5	0.9	454.9	455.9	392.4	486.3	472.5
Palestinian Nat'l Auth.	199	187	53.1	45.0	1.9	2.8	2.9	398.8	388.7	334.2	406.0	374.9
Portugal	521	486	47.7	51.4	0.9	1.2	5.1	508.9	503.5	469.0	513.4	499.9
Qatar	242	233	61.8	37.0	1.3	0.2	1.8	478.7	484.3	508.2	404.4	485.4
Romania	429	307	37.8	61.4	0.9	2.5	25.3	468.3	472.7	464.2	473.9	451.5
Saudi Arabia	214	197	57.0	42.5	0.5	2.7	5.0	426.9	409.0	448.1	420.1	413.4
Singapore	345	345	29.9	68.7	1.4	0.0	0.0	629.0	594.6	686.0	.	.
South Africa (9)	288	216	18.8	68.6	12.6	0.4	29.4	387.9	354.7	386.5	374.6	355.8
Sweden	814	682	60.4	38.9	0.8	2.2	14.3	522.7	523.5	537.6	518.3	511.8
Turkiye	189	188	62.7	36.1	1.2	0.6	0.0	533.8	524.4	487.9	478.5	.
United Arab Emirates	1614	1349	59.8	39.4	0.9	1.8	12.8	485.7	482.7	505.1	476.1	498.5
United States	672	552	46.1	52.0	1.9	0.8	10.5	520.5	511.4	482.8	509.9	506.1
Uzbekistan	668	640	70.6	28.8	0.6	2.9	1.4	395.2	397.2	414.6	393.8	387.5
International Avg. (44)	23553	20260	48.4	47.1	4.5	1.8	11.0	476.7	469.3	457.4	458.2	465.4
Abu Dhabi, UAE	597	488	52.0	46.8	1.2	2.4	13.5	449.1	433.6	477.4	426.2	454.5
Dubai, UAE	432	359	60.9	38.4	0.7	1.4	11.7	543.9	556.5	550.3	524.0	537.7
Sharjah, UAE	307	254	61.6	37.6	0.8	1.4	15.4	493.4	488.5	504.0	533.2	533.2

Question: How often do you do the following when teaching this class? Develop students' positive attitudes toward the natural environment
Location: TQS-17a (BTBS17A)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	496	40.8	44.0	14.3	0.9	2.1	35.0	526.6	525.4	516.9	545.1	514.9	512.0
Austria	889	776	46.8	42.4	9.7	1.1	2.2	10.7	507.9	518.1	521.2	554.4	489.4	497.8
Azerbaijan	1140	908	74.4	21.8	3.5	0.3	4.2	14.1	411.0	410.8	425.5	394.9	398.4	414.9
Bahrain	223	220	69.7	27.1	3.0	0.2	1.8	0.0	449.8	458.6	433.9	606.2	441.7	.
Brazil	916	877	61.1	25.2	13.5	0.1	1.1	4.2	422.5	419.3	406.0	417.9	379.9	441.0
Chile	168	147	67.4	29.3	3.3	0.0	0.7	11.0	455.9	454.0	460.2	.	542.0	447.5
Chinese Taipei	239	237	52.3	34.2	11.5	2.0	0.7	0.0	571.9	572.8	567.9	570.4	586.6	.
Cote d'Ivoire	372	181	56.3	31.7	10.8	1.2	0.3	51.6	177.0	199.4	170.9	165.2	85.6	183.4
Cyprus	775	663	49.7	32.0	15.6	2.8	0.8	13.2	460.3	468.1	462.1	464.4	461.4	471.4
Czech Republic	1348	1252	31.9	45.0	22.8	0.3	0.5	6.4	523.7	527.7	529.4	555.5	549.0	528.7
England	262	114	30.9	45.6	23.0	0.5	3.4	39.8	521.0	535.3	529.6	517.1	584.3	529.5
Finland	1239	1180	40.9	43.9	13.7	1.5	1.1	2.9	531.6	531.3	527.8	534.5	519.9	523.3
France	379	326	19.1	46.4	31.7	2.8	0.8	11.9	488.1	491.2	483.2	491.5	487.5	472.4
Georgia	936	921	55.4	32.5	11.9	0.2	1.5	0.1	447.3	447.7	450.1	497.3	441.1	497.7
Hong Kong SAR	185	116	25.6	51.7	22.7	0.0	0.9	34.9	529.9	546.6	506.7	.	443.5	519.7
Hungary	1086	889	75.7	20.4	3.9	0.0	0.9	15.8	520.9	524.8	542.2	.	490.8	518.9
Iran, Islamic Rep. of	224	222	55.7	35.6	8.3	0.4	0.9	0.0	415.3	429.1	403.9	342.9	423.2	.
Ireland	440	387	46.7	40.9	12.4	0.0	2.1	11.5	531.3	525.8	534.2	.	493.7	520.0
Israel	265	238	49.9	34.2	14.1	1.8	2.6	6.8	480.6	485.2	479.6	480.3	454.1	472.1
Italy	236	228	56.9	26.8	15.5	0.8	0.3	2.9	499.3	507.1	493.3	527.5	587.4	491.0
Japan	147	142	10.1	42.6	40.9	6.5	1.2	1.7	561.5	561.0	552.8	554.8	528.8	559.5
Jordan	225	220	72.3	21.3	6.1	0.3	1.4	0.0	414.5	410.9	402.4	358.4	405.0	.
Kazakhstan	1209	1153	78.3	18.5	3.1	0.1	2.9	1.4	444.0	439.2	436.2	423.6	446.3	422.9
Korea, Rep. of	243	237	30.1	45.6	22.6	1.7	0.0	2.8	545.5	546.1	545.6	538.8	.	535.1
Kuwait	157	154	61.5	28.4	10.0	0.0	0.8	1.1	423.3	405.4	444.2	.	407.8	372.6
Lithuania	1096	927	56.5	34.9	8.5	0.1	1.0	12.4	521.3	517.1	512.4	518.0	528.5	520.1
Malaysia	313	313	54.6	34.1	10.8	0.5	0.0	0.0	426.8	425.5	422.0	540.5	.	.
Malta	466	363	43.1	33.1	18.8	5.0	2.0	17.0	510.7	512.2	497.7	458.0	486.3	479.1
Morocco	511	490	49.0	25.8	24.0	1.2	0.4	2.2	327.9	322.9	328.1	322.5	300.1	346.5
New Zealand	211	133	57.9	25.1	16.2	0.7	0.9	39.3	506.6	492.8	478.9	433.5	454.7	508.4
Norway (9)	310	229	29.3	49.4	20.9	0.4	1.1	23.2	488.0	495.3	486.6	457.6	503.5	478.4
Oman	284	278	71.4	22.7	6.0	0.0	1.0	0.9	458.1	449.9	448.3	.	447.5	472.5
Palestinian Nat'l Auth.	199	189	69.5	25.3	5.2	0.0	1.5	2.9	393.7	389.6	400.3	.	419.2	374.9
Portugal	521	485	56.3	26.0	17.4	0.3	1.4	5.1	505.9	505.5	506.7	491.4	505.0	499.9
Qatar	242	231	76.6	18.1	4.9	0.4	1.5	1.8	477.9	486.5	513.1	552.6	449.8	485.4
Romania	429	311	70.9	23.8	5.2	0.0	0.9	25.3	468.8	473.6	486.4	.	490.8	451.5
Saudi Arabia	214	197	69.3	25.0	4.5	1.2	2.7	5.0	417.4	424.2	426.9	403.1	420.1	413.4
Singapore	345	345	28.6	41.0	30.0	0.4	0.0	0.0	614.7	606.7	599.0	466.9	.	.
South Africa (9)	288	215	62.0	26.1	11.5	0.4	0.4	29.4	372.8	353.2	351.4	287.2	390.2	355.8
Sweden	814	678	43.0	44.1	11.8	1.1	2.6	14.3	517.5	525.7	536.0	519.4	511.7	511.8
Turkiye	189	189	69.6	25.8	4.6	0.0	0.0	0.0	529.0	537.6	491.3	.	.	.
United Arab Emirates	1614	1349	72.6	22.4	4.5	0.4	1.4	12.8	481.7	491.4	493.6	405.1	508.7	498.5
United States	672	551	49.4	28.6	21.0	1.0	0.9	10.5	517.7	510.8	513.6	529.1	518.4	506.1
Uzbekistan	668	646	87.8	11.8	0.4	0.1	2.2	1.4	394.9	402.6	396.9	384.8	396.7	387.5
International Avg. (44)	23553	20403	54.0	32.0	13.1	0.9	1.3	11.0	472.6	474.2	470.8	466.0	462.3	465.4
Abu Dhabi, UAE	597	491	73.4	22.3	3.3	0.9	1.2	13.5	438.8	450.8	458.4	357.8	471.6	454.5
Dubai, UAE	432	358	65.4	27.9	6.4	0.3	1.6	11.7	553.1	538.8	543.6	599.5	534.4	537.7
Sharjah, UAE	307	252	75.5	21.0	3.5	0.0	2.0	15.4	494.7	490.0	447.1	.	502.6	533.2

Question: How often do you do the following when teaching this class? Encourage students to use less resources (e.g., <water, energy>)
Location: TQS-17b (BTBS17B)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	496	20.2	41.2	33.4	5.3	2.1	35.0	521.5	528.8	515.4	566.1	514.9	512.0
Austria	889	776	39.4	42.5	15.8	2.4	2.2	10.7	505.8	516.7	523.2	540.8	489.4	497.8
Azerbaijan	1140	899	60.2	32.0	5.9	1.8	5.4	14.1	410.5	412.1	420.5	383.9	405.9	414.9
Bahrain	223	219	67.5	29.0	3.3	0.2	2.1	0.0	450.7	450.2	477.6	583.2	455.2	.
Brazil	916	874	58.1	27.3	13.0	1.6	1.3	4.2	417.1	420.4	422.2	470.9	380.8	441.0
Chile	168	147	52.8	39.5	7.7	0.0	0.7	11.0	449.1	464.1	454.7	.	542.0	447.5
Chinese Taipei	239	237	37.9	37.2	23.0	1.9	0.7	0.0	570.5	575.2	569.2	558.0	586.6	.
Cote d'Ivoire	372	181	42.0	31.6	14.4	11.9	0.3	51.6	185.1	175.7	204.4	171.5	85.6	183.4
Cyprus	775	662	37.3	33.7	23.5	5.5	0.8	13.2	457.3	466.1	467.9	466.5	454.1	471.4
Czech Republic	1348	1251	16.9	39.7	39.5	3.8	0.6	6.4	526.0	524.2	529.5	529.8	560.0	528.7
England	262	114	11.0	35.8	43.3	9.8	3.4	39.8	504.0	530.0	535.2	530.7	584.3	529.5
Finland	1239	1179	22.8	49.3	25.9	2.0	1.4	2.9	529.6	531.5	531.0	538.0	516.7	523.3
France	379	326	14.2	38.7	43.0	4.1	0.7	11.9	482.3	490.7	489.6	468.5	478.3	472.4
Georgia	936	920	42.4	39.5	15.4	2.7	1.4	0.1	449.1	445.8	451.6	430.4	449.3	497.7
Hong Kong SAR	185	116	16.0	44.2	39.3	0.5	0.9	34.9	559.9	534.8	519.7	607.0	443.5	519.7
Hungary	1086	889	67.5	25.9	6.1	0.5	0.9	15.8	519.8	530.1	523.5	483.1	490.8	518.9
Iran, Islamic Rep. of	224	224	54.6	34.4	10.9	0.0	0.0	0.0	409.9	433.5	419.1	.	.	.
Ireland	440	387	29.0	44.3	25.0	1.7	2.1	11.5	530.5	524.8	539.6	481.1	493.7	520.0
Israel	265	238	35.7	38.6	23.8	1.9	2.6	6.8	477.9	480.9	490.6	475.2	454.1	472.1
Italy	236	228	47.3	37.5	14.0	1.1	0.3	2.9	493.0	509.3	502.7	510.1	587.4	491.0
Japan	147	142	7.2	32.3	46.4	14.2	1.2	1.7	572.3	558.9	556.8	547.8	528.8	559.5
Jordan	225	219	54.0	41.3	4.4	0.3	2.3	0.0	410.2	414.9	422.5	442.8	411.4	.
Kazakhstan	1209	1148	64.1	29.2	5.8	1.0	3.5	1.4	439.5	445.6	463.4	467.5	443.8	422.9
Korea, Rep. of	243	237	34.3	37.3	25.3	3.1	0.0	2.8	545.4	549.1	542.4	534.8	.	535.1
Kuwait	157	152	52.2	34.1	12.0	1.7	1.5	1.1	428.5	404.5	424.0	396.4	480.9	372.6
Lithuania	1096	925	37.5	42.2	19.3	1.1	1.1	12.4	520.6	514.1	525.9	531.5	533.6	520.1
Malaysia	313	313	45.2	35.8	18.3	0.6	0.0	0.0	425.6	430.8	420.2	418.0	.	.
Malta	466	362	28.6	35.6	31.0	4.8	2.4	17.0	502.1	509.1	518.9	443.0	460.9	479.1
Morocco	511	486	32.0	33.2	33.3	1.5	1.3	2.2	330.4	324.8	328.2	283.7	282.1	346.5
New Zealand	211	132	31.4	26.0	36.6	6.0	1.4	39.3	509.6	501.1	491.0	484.5	430.1	508.4
Norway (9)	310	230	12.8	48.0	35.6	3.5	0.9	23.2	485.2	489.7	496.6	479.5	504.2	478.4
Oman	284	277	51.2	35.7	12.6	0.4	1.5	0.9	459.1	450.3	457.5	383.8	466.3	472.5
Palestinian Nat'l Auth.	199	188	48.1	40.9	11.0	0.0	2.0	2.9	392.0	398.8	373.8	.	423.3	374.9
Portugal	521	485	46.3	32.9	19.9	0.9	1.4	5.1	506.4	504.8	507.8	479.7	505.0	499.9
Qatar	242	229	67.8	25.0	6.8	0.4	1.8	1.8	475.1	486.1	529.3	501.6	449.3	485.4
Romania	429	310	63.1	26.1	9.7	1.2	1.2	25.3	469.7	467.8	482.9	497.1	491.6	451.5
Saudi Arabia	214	197	65.6	28.7	5.4	0.4	2.7	5.0	420.9	412.7	427.7	553.5	420.1	413.4
Singapore	345	344	15.4	38.4	44.3	1.9	0.1	0.0	588.9	603.9	612.2	658.1	495.8	.
South Africa (9)	288	215	50.2	26.9	18.6	4.3	0.4	29.4	367.4	373.4	356.4	319.8	390.2	355.8
Sweden	814	679	20.3	45.4	27.7	6.6	3.0	14.3	525.9	520.0	522.2	539.9	518.3	511.8
Turkiye	189	189	66.1	26.2	4.3	3.4	0.0	0.0	529.2	534.1	524.3	507.8	.	.
United Arab Emirates	1614	1347	64.0	26.1	8.7	1.2	1.6	12.8	482.9	482.7	496.3	508.9	493.6	498.5
United States	672	551	21.6	31.4	40.1	6.8	0.9	10.5	500.8	516.4	521.6	514.7	518.4	506.1
Uzbekistan	668	647	80.5	16.8	1.9	0.8	2.0	1.4	396.7	393.5	392.2	373.2	391.9	387.5
International Avg. (44)	23553	20367	41.6	34.9	20.6	2.8	1.5	11.0	471.2	473.4	476.8	479.6	465.3	465.4
Abu Dhabi, UAE	597	491	59.3	30.3	8.9	1.5	1.3	13.5	444.3	433.4	456.2	423.2	443.5	454.5
Dubai, UAE	432	358	60.2	26.9	11.2	1.7	1.6	11.7	547.1	549.3	548.0	596.0	534.4	537.7
Sharjah, UAE	307	251	67.0	24.8	7.3	0.8	2.3	15.4	490.6	500.5	476.5	497.0	500.7	533.2

Question: How often do you do the following when teaching this class? Discuss how student actions in and outside of school can help the natural environment
Location: TQS-17c (BTBS17C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	495	20.5	46.9	28.9	3.7	2.1	35.0	524.1	519.2	529.1	568.3	514.1	512.0
Austria	889	775	28.7	49.4	20.1	1.9	2.3	10.7	505.1	512.3	528.7	541.5	489.5	497.8
Azerbaijan	1140	898	56.2	36.9	6.2	0.7	5.6	14.1	410.3	411.4	417.4	424.7	403.6	414.9
Bahrain	223	220	54.0	37.6	7.5	0.9	1.8	0.0	453.8	450.0	443.1	507.2	441.7	.
Brazil	916	877	61.1	26.6	12.3	0.1	1.1	4.2	416.7	422.3	427.2	408.9	381.4	441.0
Chile	168	147	47.9	44.4	7.6	0.0	0.7	11.0	452.9	456.6	465.0	.	542.0	447.5
Chinese Taipei	239	237	26.5	40.4	26.2	6.9	0.7	0.0	569.7	574.6	571.5	563.4	586.6	.
Cote d'Ivoire	372	181	38.7	36.9	20.6	3.9	0.3	51.6	168.7	179.8	217.1	181.9	85.6	183.4
Cyprus	775	663	37.4	33.0	24.3	5.3	0.8	13.2	457.3	462.8	473.4	460.2	458.5	471.4
Czech Republic	1348	1250	13.6	38.5	44.0	3.8	0.7	6.4	520.3	525.5	529.6	532.2	556.2	528.7
England	262	114	14.6	32.5	46.9	6.0	3.4	39.8	496.8	539.1	530.8	546.4	584.3	529.5
Finland	1239	1177	17.5	51.5	28.8	2.3	1.5	2.9	527.2	532.9	529.4	541.3	514.9	523.3
France	379	327	12.3	35.3	47.1	5.3	0.6	11.9	484.4	489.2	487.8	489.7	501.4	472.4
Georgia	936	919	42.8	40.4	16.5	0.3	1.5	0.1	447.8	446.8	450.6	471.0	435.3	497.7
Hong Kong SAR	185	116	10.1	40.2	46.5	3.2	0.9	34.9	517.7	544.0	531.5	472.6	443.5	519.7
Hungary	1086	887	48.7	37.4	13.4	0.5	1.1	15.8	519.3	525.4	526.5	490.8	504.6	518.9
Iran, Islamic Rep. of	224	223	53.3	31.6	15.1	0.0	0.5	0.0	406.1	435.1	431.9	.	389.9	.
Ireland	440	387	26.0	47.4	26.3	0.3	2.1	11.5	530.9	522.6	540.6	503.5	493.7	520.0
Israel	265	237	27.1	39.5	31.0	2.4	3.2	6.8	473.4	477.5	495.1	492.7	455.9	472.1
Italy	236	228	48.1	36.3	14.5	1.1	0.3	2.9	493.5	506.8	507.1	529.0	587.4	491.0
Japan	147	142	1.9	13.1	58.7	26.3	1.2	1.7	590.6	555.3	559.2	551.8	528.8	559.5
Jordan	225	220	57.0	36.7	6.1	0.2	1.4	0.0	412.3	412.7	418.2	433.5	405.0	.
Kazakhstan	1209	1150	62.0	32.1	5.7	0.1	3.2	1.4	442.2	441.1	461.1	397.5	446.9	422.9
Korea, Rep. of	243	237	25.2	38.5	31.9	4.4	0.0	2.8	540.9	548.4	547.8	533.6	.	535.1
Kuwait	157	152	54.1	35.1	7.7	3.0	1.5	1.1	429.5	398.1	417.4	486.6	480.9	372.6
Lithuania	1096	926	30.2	42.7	25.8	1.2	1.1	12.4	519.6	516.9	522.0	522.1	524.6	520.1
Malaysia	313	313	42.9	35.5	21.2	0.4	0.0	0.0	426.5	426.7	426.2	403.2	.	.
Malta	466	361	26.4	33.7	34.4	5.5	2.6	17.0	499.4	511.6	518.0	449.2	459.4	479.1
Morocco	511	487	33.1	31.4	33.7	1.8	0.8	2.2	327.1	328.5	327.7	282.3	280.3	346.5
New Zealand	211	132	22.9	40.9	29.7	6.5	1.9	39.3	506.9	497.5	496.6	498.7	438.7	508.4
Norway (9)	310	230	13.9	56.1	30.1	0.0	0.9	23.2	481.1	493.6	491.5	.	504.2	478.4
Oman	284	276	58.5	29.5	11.2	0.7	1.7	0.9	457.5	451.2	459.5	399.6	463.9	472.5
Palestinian Nat'l Auth.	199	189	52.9	36.3	10.8	0.0	1.5	2.9	392.9	393.6	391.6	.	419.2	374.9
Portugal	521	485	49.0	29.3	21.3	0.4	1.4	5.1	505.3	507.6	505.1	497.8	505.0	499.9
Qatar	242	231	59.0	30.4	10.2	0.4	1.5	1.8	482.9	467.6	512.1	552.6	449.8	485.4
Romania	429	311	58.1	31.5	10.4	0.0	0.9	25.3	467.5	473.1	482.9	.	490.8	451.5
Saudi Arabia	214	197	69.8	25.9	4.2	0.0	2.7	5.0	422.7	411.7	412.0	.	420.1	413.4
Singapore	345	345	13.1	41.1	43.7	2.0	0.0	0.0	589.0	606.9	607.4	674.4	.	.
South Africa (9)	288	214	44.1	31.3	22.2	2.5	0.7	29.4	370.4	363.0	360.4	339.9	356.3	355.8
Sweden	814	678	16.2	57.0	24.2	2.5	3.0	14.3	524.3	521.1	522.5	566.2	519.4	511.8
Turkiye	189	189	57.9	38.3	3.8	0.0	0.0	0.0	532.2	523.0	554.9	.	.	.
United Arab Emirates	1614	1345	58.5	31.1	9.5	0.9	1.7	12.8	480.4	490.6	484.2	535.3	489.0	498.5
United States	672	550	24.3	39.2	30.2	6.3	1.2	10.5	496.9	520.4	518.6	533.7	516.5	506.1
Uzbekistan	668	646	75.8	21.1	2.6	0.6	2.2	1.4	396.3	394.3	396.5	381.9	396.7	387.5
International Avg. (44)	23553	20364	38.5	36.8	22.1	2.6	1.5	11.0	469.8	472.5	477.9	480.1	461.6	465.4
Abu Dhabi, UAE	597	489	54.9	32.1	12.3	0.7	1.4	13.5	440.8	444.0	433.7	538.2	445.1	454.5
Dubai, UAE	432	358	51.8	35.9	10.4	1.8	1.6	11.7	544.1	552.7	555.5	555.5	534.4	537.7
Sharjah, UAE	307	252	63.2	28.2	8.7	0.0	2.0	15.4	494.6	489.5	481.6	.	502.6	533.2

Question: How often do you do the following when teaching this class? Discuss environmental issues (e.g., <climate change, endangered animals>)
Location: TQS-17d (BTBS17D)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	496	17.0	52.0	30.4	0.6	2.1	35.0	527.2	522.2	527.3	559.4	514.9	512.0
Austria	889	776	24.9	48.5	24.8	1.8	2.2	10.7	510.3	508.0	528.4	530.5	489.4	497.8
Azerbaijan	1140	903	44.8	40.7	13.2	1.3	5.1	14.1	409.9	413.9	408.2	402.1	404.4	414.9
Bahrain	223	220	48.3	37.8	11.4	2.5	1.8	0.0	455.8	450.4	452.8	399.6	441.7	.
Brazil	916	878	56.7	29.3	13.9	0.1	0.6	4.2	417.4	428.3	408.6	399.5	369.7	441.0
Chile	168	147	38.1	42.3	18.7	0.9	0.7	11.0	446.4	458.5	466.3	470.8	542.0	447.5
Chinese Taipei	239	237	22.1	48.4	24.9	4.7	0.7	0.0	570.1	576.6	567.4	551.7	586.6	.
Cote d'Ivoire	372	181	35.7	30.4	26.6	7.2	0.3	51.6	168.0	200.8	178.6	202.2	85.6	183.4
Cyprus	775	664	32.0	33.2	26.5	8.3	0.7	13.2	462.7	463.7	466.9	451.9	454.5	471.4
Czech Republic	1348	1251	12.5	38.3	45.5	3.8	0.6	6.4	522.0	525.5	529.2	527.8	560.0	528.7
England	262	114	13.2	44.9	39.9	2.0	3.4	39.8	487.8	538.2	531.5	567.8	584.3	529.5
Finland	1239	1178	17.4	50.9	28.9	2.8	1.6	2.9	527.5	532.7	528.6	542.8	528.1	523.3
France	379	325	14.6	43.1	40.4	1.9	0.8	11.9	485.1	487.6	491.3	465.7	462.7	472.4
Georgia	936	921	40.1	37.3	21.6	1.1	1.4	0.1	448.2	445.7	450.3	439.9	452.9	497.7
Hong Kong SAR	185	116	12.5	37.1	48.8	1.5	0.9	34.9	521.7	545.7	528.4	483.9	443.5	519.7
Hungary	1086	888	51.5	36.0	12.2	0.4	0.9	15.8	519.8	526.4	522.3	517.8	497.1	518.9
Iran, Islamic Rep. of	224	224	45.8	33.3	18.6	2.3	0.0	0.0	406.8	431.5	425.1	431.0	.	.
Ireland	440	386	22.4	49.9	27.5	0.1	2.3	11.5	530.9	522.3	540.9	529.8	499.6	520.0
Israel	265	236	27.1	34.4	36.7	1.9	3.8	6.8	476.3	471.2	494.1	530.3	462.7	472.1
Italy	236	228	40.3	36.4	21.8	1.5	0.3	2.9	490.7	509.1	507.0	473.1	587.4	491.0
Japan	147	142	1.9	13.3	64.8	20.0	1.2	1.7	590.6	562.7	556.7	552.4	528.8	559.5
Jordan	225	219	44.3	39.5	14.8	1.5	1.7	0.0	414.0	416.1	403.2	399.3	396.2	.
Kazakhstan	1209	1150	60.7	30.8	7.9	0.6	3.4	1.4	439.7	446.1	454.3	460.1	443.2	422.9
Korea, Rep. of	243	237	21.6	43.3	33.9	1.2	0.0	2.8	542.2	549.3	544.3	520.4	.	535.1
Kuwait	157	151	32.0	42.8	21.2	4.0	1.6	1.1	434.9	411.7	406.1	442.4	482.8	372.6
Lithuania	1096	927	28.0	43.4	27.6	1.1	1.0	12.4	520.2	519.0	518.2	514.1	528.5	520.1
Malaysia	313	313	43.6	40.1	16.3	0.0	0.0	0.0	428.7	427.8	416.8	.	.	.
Malta	466	360	16.7	33.0	41.6	8.7	2.7	17.0	494.0	521.6	511.6	454.5	465.4	479.1
Morocco	511	488	22.3	28.1	45.1	4.4	0.7	2.2	339.3	318.3	328.2	304.4	280.2	346.5
New Zealand	211	132	26.5	40.5	24.9	8.2	1.9	39.3	507.3	503.1	496.0	466.6	438.7	508.4
Norway (9)	310	230	12.9	60.0	26.7	0.4	0.9	23.2	483.9	494.3	488.4	457.6	504.2	478.4
Oman	284	278	34.2	42.2	22.2	1.4	1.0	0.9	468.4	447.0	454.8	418.7	447.5	472.5
Palestinian Nat'l Auth.	199	189	36.8	37.4	24.6	1.2	1.5	2.9	391.8	395.7	389.8	415.1	419.2	374.9
Portugal	521	485	43.2	31.5	23.9	1.4	1.4	5.1	504.8	506.3	506.6	518.9	505.0	499.9
Qatar	242	231	48.1	31.1	20.4	0.4	1.5	1.8	484.9	467.3	493.8	552.6	449.8	485.4
Romania	429	311	52.7	32.7	14.1	0.4	0.9	25.3	468.5	471.3	479.0	459.3	490.8	451.5
Saudi Arabia	214	196	49.8	36.6	12.0	1.6	3.0	5.0	418.6	421.8	415.0	409.5	426.1	413.4
Singapore	345	345	15.2	42.7	40.9	1.2	0.0	0.0	590.4	610.7	607.7	589.5	.	.
South Africa (9)	288	215	29.2	44.7	20.7	5.4	0.4	29.4	375.4	367.6	355.1	322.8	390.2	355.8
Sweden	814	679	16.7	58.9	22.2	2.3	3.0	14.3	519.0	523.0	524.9	539.2	518.3	511.8
Turkiye	189	189	52.0	42.7	5.3	0.0	0.0	0.0	530.8	525.9	546.9	.	.	.
United Arab Emirates	1614	1344	50.3	36.3	12.7	0.7	1.7	12.8	480.8	491.9	477.3	472.3	490.9	498.5
United States	672	551	23.5	36.2	36.1	4.2	0.9	10.5	498.8	519.3	518.3	540.0	518.4	506.1
Uzbekistan	668	644	71.0	25.0	3.5	0.4	2.5	1.4	396.5	394.0	393.4	406.8	394.3	387.5
International Avg. (44)	23553	20375	33.0	39.0	25.4	2.7	1.4	11.0	470.6	474.3	473.6	468.9	463.7	465.4
Abu Dhabi, UAE	597	488	46.3	38.0	14.4	1.3	1.5	13.5	435.0	448.2	448.3	409.9	450.8	454.5
Dubai, UAE	432	358	44.6	42.5	12.2	0.6	1.6	11.7	550.9	552.4	523.1	627.9	534.4	537.7
Sharjah, UAE	307	251	54.4	34.1	11.5	0.0	2.4	15.4	495.9	486.9	491.9	.	490.7	533.2

Question: Do you do these things to teach students about environmental issues and sustainability? Take student to visit natural areas (e.g., <a pond or meadow>)
Location: TQS-18a (BTBS18A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	495	26.6	73.4	2.1	35.0	527.8	523.7	515.4	512.0
Austria	889	778	29.5	70.5	2.2	10.7	512.2	515.2	476.6	497.8
Azerbaijan	1140	912	63.1	36.9	3.8	14.1	408.5	415.8	401.8	414.9
Bahrain	223	218	22.2	77.8	2.1	0.0	473.5	446.3	428.4	.
Brazil	916	879	37.1	62.9	1.0	4.2	421.4	418.3	377.8	441.0
Chile	168	146	29.9	70.1	1.3	11.0	447.7	458.8	501.8	447.5
Chinese Taipei	239	237	21.2	78.8	0.7	0.0	561.3	574.5	586.6	.
Cote d'Ivoire	372	180	23.4	76.6	0.3	51.6	179.5	183.4	212.3	183.4
Cyprus	775	663	25.5	74.5	0.8	13.2	466.3	462.2	458.3	471.4
Czech Republic	1348	1245	31.8	68.2	1.0	6.4	522.7	529.0	530.2	528.7
England	262	115	14.5	85.5	2.6	39.8	530.7	531.0	569.1	529.5
Finland	1239	1180	49.5	50.5	1.3	2.9	529.4	532.1	536.8	523.3
France	379	323	22.8	77.2	1.4	11.9	480.0	490.9	468.1	472.4
Georgia	936	918	55.0	45.0	1.5	0.1	445.2	450.3	464.4	497.7
Hong Kong SAR	185	116	20.8	79.2	0.9	34.9	539.9	531.5	443.5	519.7
Hungary	1086	887	34.6	65.4	1.1	15.8	518.1	524.6	507.5	518.9
Iran, Islamic Rep. of	224	222	37.7	62.3	0.8	0.0	420.1	417.1	508.9	.
Ireland	440	387	49.6	50.4	2.1	11.5	521.0	537.6	493.7	520.0
Israel	265	240	28.3	71.7	1.9	6.8	471.1	485.9	459.7	472.1
Italy	236	228	36.6	63.4	0.3	2.9	506.0	497.6	587.4	491.0
Japan	147	143	7.4	92.6	0.4	1.7	557.7	557.0	522.7	559.5
Jordan	225	218	30.2	69.8	2.2	0.0	409.6	414.1	411.9	.
Kazakhstan	1209	1157	51.4	48.6	2.6	1.4	440.5	445.7	441.9	422.9
Korea, Rep. of	243	237	13.6	86.4	0.0	2.8	544.8	545.8	.	535.1
Kuwait	157	154	20.3	79.7	0.8	1.1	430.5	417.7	407.8	372.6
Lithuania	1096	923	37.6	62.4	1.3	12.4	515.8	520.9	532.5	520.1
Malaysia	313	311	52.3	47.7	0.9	0.0	421.7	430.9	455.1	.
Malta	466	361	25.4	74.6	3.0	17.0	533.4	498.2	465.6	479.1
Morocco	511	489	12.0	88.0	0.7	2.2	343.3	324.2	333.5	346.5
New Zealand	211	132	33.8	66.2	1.8	39.3	492.2	504.3	407.7	508.4
Norway (9)	310	229	56.4	43.6	1.5	23.2	492.0	489.6	514.9	478.4
Oman	284	277	15.6	84.4	1.3	0.9	467.2	453.3	466.4	472.5
Palestinian Nat'l Auth.	199	189	32.7	67.3	1.5	2.9	392.9	393.0	419.2	374.9
Portugal	521	486	44.8	55.2	1.3	5.1	505.7	505.8	516.0	499.9
Qatar	242	232	29.9	70.1	0.6	1.8	476.6	482.8	497.7	485.4
Romania	429	305	62.0	38.0	2.8	25.3	473.0	468.1	470.6	451.5
Saudi Arabia	214	195	15.0	85.0	3.5	5.0	430.9	417.0	427.5	413.4
Singapore	345	345	22.2	77.8	0.0	0.0	589.9	610.8	.	.
South Africa (9)	288	217	18.4	81.6	0.1	29.4	354.4	367.4	355.2	355.8
Sweden	814	678	48.6	51.4	2.9	14.3	522.8	523.2	522.5	511.8
Turkiye	189	189	48.7	51.3	0.0	0.0	534.3	525.0	.	.
United Arab Emirates	1614	1347	38.8	61.2	1.6	12.8	481.8	485.4	512.0	498.5
United States	672	552	19.0	81.0	0.8	10.5	521.4	513.6	508.3	506.1
Uzbekistan	668	649	77.5	22.5	1.4	1.4	396.8	392.5	391.7	387.5
International Avg. (44)	23553	20384	33.5	66.5	1.4	11.0	473.0	473.0	466.1	465.4
Abu Dhabi, UAE	597	491	30.1	69.9	1.3	13.5	441.7	441.5	454.2	454.5
Dubai, UAE	432	357	35.5	64.5	2.3	11.7	545.1	550.7	534.8	537.7
Sharjah, UAE	307	252	52.0	48.0	1.6	15.4	485.0	498.8	527.3	533.2

Question: Do you do these things to teach students about environmental issues and sustainability? Have students participate in environmentally responsible activities (e.g., <pick up trash>)
Location: TQS-18b (BTB518B)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	495	50.2	49.8	2.1	35.0	524.1	525.5	515.4	512.0
Austria	889	778	47.9	52.1	2.1	10.7	513.2	514.9	486.4	497.8
Azerbaijan	1140	912	91.1	8.9	3.9	14.1	410.6	418.8	398.9	414.9
Bahrain	223	218	78.7	21.3	2.1	0.0	452.8	450.5	428.4	.
Brazil	916	879	85.8	14.2	1.0	4.2	420.9	411.0	377.8	441.0
Chile	168	146	73.7	26.3	1.3	11.0	453.2	461.7	501.8	447.5
Chinese Taipei	239	237	62.9	37.1	0.7	0.0	571.6	572.0	586.6	.
Cote d'Ivoire	372	182	87.2	12.8	0.0	51.6	179.9	201.8	.	183.4
Cyprus	775	663	49.6	50.4	0.8	13.2	464.1	462.4	458.3	471.4
Czech Republic	1348	1245	56.4	43.6	0.9	6.4	524.7	529.7	541.9	528.7
England	262	115	19.7	80.3	2.6	39.8	524.4	532.5	569.1	529.5
Finland	1239	1173	41.8	58.2	1.6	2.9	530.1	531.2	537.9	523.3
France	379	323	42.1	57.9	1.5	11.9	487.6	488.7	478.2	472.4
Georgia	936	911	79.2	20.8	2.3	0.1	446.5	451.8	453.3	497.7
Hong Kong SAR	185	115	26.0	74.0	1.3	34.9	526.7	535.8	459.9	519.7
Hungary	1086	883	88.7	11.3	1.5	15.8	521.3	530.3	514.2	518.9
Iran, Islamic Rep. of	224	222	87.5	12.5	0.8	0.0	417.6	422.5	508.9	.
Ireland	440	387	33.1	66.9	2.1	11.5	524.0	532.1	493.7	520.0
Israel	265	240	42.5	57.5	1.9	6.8	476.1	485.9	459.7	472.1
Italy	236	228	55.1	44.9	0.3	2.9	498.0	504.0	587.4	491.0
Japan	147	143	20.9	79.1	0.4	1.7	558.3	556.7	522.7	559.5
Jordan	225	217	89.7	10.3	2.9	0.0	412.3	414.8	417.5	.
Kazakhstan	1209	1155	85.3	14.7	2.7	1.4	443.0	443.1	441.3	422.9
Korea, Rep. of	243	237	65.6	34.4	0.0	2.8	545.6	545.8	.	535.1
Kuwait	157	154	67.8	32.2	0.8	1.1	425.8	408.8	407.8	372.6
Lithuania	1096	923	83.9	16.1	1.4	12.4	517.6	525.3	540.0	520.1
Malaysia	313	311	84.0	16.0	0.9	0.0	421.5	450.4	455.1	.
Malta	466	361	21.7	78.3	3.0	17.0	515.6	504.8	465.6	479.1
Morocco	511	489	77.6	22.4	0.7	2.2	327.0	324.7	333.5	346.5
New Zealand	211	132	34.2	65.8	1.8	39.3	513.3	493.4	407.7	508.4
Norway (9)	310	229	73.8	26.2	1.5	23.2	488.8	496.9	514.9	478.4
Oman	284	276	68.8	31.2	1.7	0.9	460.0	444.6	476.5	472.5
Palestinian Nat'l Auth.	199	189	95.8	4.2	1.5	2.9	392.8	398.0	419.2	374.9
Portugal	521	486	48.4	51.6	1.3	5.1	504.7	506.8	516.0	499.9
Qatar	242	231	79.2	20.8	0.9	1.8	476.2	497.8	521.4	485.4
Romania	429	305	97.7	2.3	3.2	25.3	470.5	485.7	476.2	451.5
Saudi Arabia	214	195	89.3	10.7	3.5	5.0	419.2	418.0	427.5	413.4
Singapore	345	344	46.4	53.6	0.2	0.0	603.0	609.2	538.5	.
South Africa (9)	288	217	54.0	46.0	0.1	29.4	366.8	362.9	355.2	355.8
Sweden	814	679	27.9	72.1	2.8	14.3	524.0	522.6	522.5	511.8
Turkiye	189	189	87.4	12.6	0.0	0.0	530.8	520.4	.	.
United Arab Emirates	1614	1345	81.4	18.6	1.8	12.8	483.5	486.0	508.2	498.5
United States	672	552	34.9	65.1	0.8	10.5	510.2	517.6	508.3	506.1
Uzbekistan	668	649	86.1	13.9	1.6	1.4	395.9	395.4	393.6	387.5
International Avg. (44)	23553	20360	63.7	36.3	1.5	11.0	472.1	474.8	476.3	465.4
Abu Dhabi, UAE	597	491	73.1	26.9	1.3	13.5	441.3	442.2	454.2	454.5
Dubai, UAE	432	355	80.2	19.8	2.9	11.7	548.0	554.3	522.8	537.7
Sharjah, UAE	307	252	88.7	11.3	1.6	15.4	489.8	506.1	527.3	533.2

Question: Do you do these things to teach students about environmental issues and sustainability? Have students do research or projects on a particular environmental topic (e.g., <pollution, climate change>)
Location: TQS-18c (BTBS18C)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	494	75.4	24.6	2.2	35.0	523.5	528.3	520.4	512.0
Austria	889	777	53.4	46.6	2.1	10.7	516.4	511.3	488.6	497.8
Azerbaijan	1140	913	86.5	13.5	3.7	14.1	410.3	416.5	403.4	414.9
Bahrain	223	218	84.1	15.9	2.1	0.0	453.8	444.3	428.4	.
Brazil	916	878	88.6	11.4	1.1	4.2	419.6	418.6	377.0	441.0
Chile	168	146	68.7	31.3	1.3	11.0	453.9	458.9	501.8	447.5
Chinese Taipei	239	237	42.6	57.4	0.7	0.0	574.6	569.6	586.6	.
Cote d'Ivoire	372	182	60.9	39.1	0.0	51.6	173.6	196.8	.	183.4
Cyprus	775	663	64.6	35.4	0.8	13.2	465.4	459.2	458.3	471.4
Czech Republic	1348	1240	40.8	59.2	1.2	6.4	523.1	529.4	545.6	528.7
England	262	115	50.8	49.2	2.6	39.8	524.4	537.7	569.1	529.5
Finland	1239	1179	70.8	29.2	1.3	2.9	532.7	526.1	538.6	523.3
France	379	324	61.4	38.6	1.2	11.9	490.5	484.9	470.2	472.4
Georgia	936	914	83.8	16.2	2.1	0.1	447.5	447.2	459.5	497.7
Hong Kong SAR	185	116	53.0	47.0	0.9	34.9	529.4	537.6	443.5	519.7
Hungary	1086	887	67.5	32.5	1.1	15.8	522.3	522.5	507.5	518.9
Iran, Islamic Rep. of	224	221	87.6	12.4	1.5	0.0	416.9	432.4	431.1	.
Ireland	440	386	79.0	21.0	2.4	11.5	526.0	541.3	506.2	520.0
Israel	265	239	50.7	49.3	2.0	6.8	482.6	481.0	457.8	472.1
Italy	236	228	83.8	16.2	0.3	2.9	500.6	501.1	587.4	491.0
Japan	147	143	14.6	85.4	0.4	1.7	571.1	554.7	522.7	559.5
Jordan	225	217	89.9	10.1	3.0	0.0	411.4	413.8	447.3	.
Kazakhstan	1209	1156	90.7	9.3	2.7	1.4	442.8	443.7	445.4	422.9
Korea, Rep. of	243	237	46.1	53.9	0.0	2.8	545.4	545.9	.	535.1
Kuwait	157	154	72.9	27.1	0.8	1.1	424.7	408.6	407.8	372.6
Lithuania	1096	924	72.8	27.2	1.3	12.4	517.5	522.9	535.1	520.1
Malaysia	313	311	58.2	41.8	0.9	0.0	432.8	416.9	455.1	.
Malta	466	361	32.7	67.3	3.0	17.0	523.9	499.0	465.6	479.1
Morocco	511	488	90.8	9.2	0.9	2.2	326.3	324.9	367.0	346.5
New Zealand	211	132	71.4	28.6	1.8	39.3	501.6	496.7	407.7	508.4
Norway (9)	310	229	73.2	26.8	1.5	23.2	493.2	484.7	514.9	478.4
Oman	284	276	63.7	36.3	1.8	0.9	453.9	458.7	451.0	472.5
Palestinian Nat'l Auth.	199	189	93.4	6.6	1.5	2.9	394.1	377.0	419.2	374.9
Portugal	521	486	88.0	12.0	1.3	5.1	505.6	506.5	516.0	499.9
Qatar	242	232	86.9	13.1	0.6	1.8	481.7	476.2	497.7	485.4
Romania	429	306	96.6	3.4	2.7	25.3	471.2	467.9	471.9	451.5
Saudi Arabia	214	193	90.8	9.2	4.5	5.0	418.9	420.1	428.3	413.4
Singapore	345	345	58.1	41.9	0.0	0.0	605.5	607.0	.	.
South Africa (9)	288	216	61.2	38.8	0.5	29.4	368.1	360.7	341.3	355.8
Sweden	814	679	70.7	29.3	2.8	14.3	524.0	520.4	522.5	511.8
Turkiye	189	189	91.0	9.0	0.0	0.0	530.8	516.8	.	.
United Arab Emirates	1614	1345	89.4	10.6	1.7	12.8	485.9	467.1	512.0	498.5
United States	672	552	61.8	38.2	0.8	10.5	515.7	514.0	508.3	506.1
Uzbekistan	668	651	92.2	7.8	1.1	1.4	396.6	386.2	393.0	387.5
International Avg. (44)	23553	20368	70.7	29.3	1.5	11.0	473.4	471.3	472.8	465.4
Abu Dhabi, UAE	597	490	87.6	12.4	1.5	13.5	444.6	418.8	463.6	454.5
Dubai, UAE	432	357	89.5	10.5	2.3	11.7	548.2	553.4	534.8	537.7
Sharjah, UAE	307	251	93.4	6.6	1.7	15.4	494.3	452.3	526.4	533.2

Question: Do you do these things to teach students about environmental issues and sustainability? Provide opportunities for students to participate in outdoor environmental education programs outside of school
Location: TQS-18d (BTBS18D)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	495	27.4	72.6	2.1	35.0	526.1	524.3	515.4	512.0
Austria	889	778	28.6	71.4	2.1	10.7	522.8	510.6	486.4	497.8
Azerbaijan	1140	911	70.8	29.2	3.9	14.1	409.6	415.0	402.6	414.9
Bahrain	223	217	50.0	50.0	2.2	0.0	457.0	447.5	432.3	.
Brazil	916	879	51.3	48.7	1.0	4.2	416.8	422.3	377.8	441.0
Chile	168	146	42.4	57.6	1.3	11.0	450.6	459.0	501.8	447.5
Chinese Taipei	239	237	47.7	52.3	0.7	0.0	570.8	572.5	586.6	.
Cote d'Ivoire	372	182	32.8	67.2	0.0	51.6	188.8	179.7	.	183.4
Cyprus	775	663	69.0	31.0	0.8	13.2	461.6	466.8	458.3	471.4
Czech Republic	1348	1241	39.7	60.3	1.1	6.4	530.4	524.6	539.0	528.7
England	262	115	16.0	84.0	2.6	39.8	530.4	531.0	569.1	529.5
Finland	1239	1180	12.4	87.6	1.3	2.9	527.1	531.3	536.8	523.3
France	379	323	12.4	87.6	1.6	11.9	475.7	490.0	479.4	472.4
Georgia	936	917	87.4	12.6	1.7	0.1	446.4	455.2	461.0	497.7
Hong Kong SAR	185	116	41.0	59.0	0.9	34.9	534.3	532.6	443.5	519.7
Hungary	1086	884	43.2	56.8	1.4	15.8	518.6	525.3	506.2	518.9
Iran, Islamic Rep. of	224	222	65.3	34.7	0.8	0.0	413.7	426.8	508.9	.
Ireland	440	387	19.2	80.8	2.1	11.5	528.7	529.6	493.7	520.0
Israel	265	238	33.8	66.2	2.5	6.8	484.9	480.6	453.0	472.1
Italy	236	228	39.9	60.1	0.3	2.9	498.7	502.0	587.4	491.0
Japan	147	143	18.1	81.9	0.4	1.7	577.6	552.5	522.7	559.5
Jordan	225	218	54.0	46.0	2.2	0.0	413.6	411.8	411.9	.
Kazakhstan	1209	1155	81.5	18.5	2.7	1.4	440.1	455.3	444.5	422.9
Korea, Rep. of	243	237	46.6	53.4	0.0	2.8	548.6	543.2	.	535.1
Kuwait	157	154	43.8	56.2	0.8	1.1	427.6	414.6	407.8	372.6
Lithuania	1096	922	65.4	34.6	1.6	12.4	520.1	516.6	534.9	520.1
Malaysia	313	311	53.5	46.5	0.9	0.0	421.2	431.8	455.1	.
Malta	466	361	24.3	75.7	3.0	17.0	518.6	503.5	465.6	479.1
Morocco	511	488	31.4	68.6	1.0	2.2	330.7	324.2	353.0	346.5
New Zealand	211	132	32.5	67.5	1.8	39.3	500.2	500.2	407.7	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.
Oman	284	276	61.8	38.2	1.5	0.9	458.8	450.0	466.2	472.5
Palestinian Nat'l Auth.	199	189	54.3	45.7	1.5	2.9	390.2	396.3	419.2	374.9
Portugal	521	486	35.8	64.2	1.3	5.1	509.9	503.4	516.0	499.9
Qatar	242	232	53.8	46.2	0.6	1.8	480.6	481.4	497.7	485.4
Romania	429	306	81.8	18.2	2.7	25.3	469.0	480.6	471.9	451.5
Saudi Arabia	214	195	47.6	52.4	3.5	5.0	420.4	417.9	427.5	413.4
Singapore	345	345	31.2	68.8	0.0	0.0	619.5	600.1	.	.
South Africa (9)	288	216	45.3	54.7	0.2	29.4	364.0	365.9	367.0	355.8
Sweden	814	676	29.8	70.2	3.0	14.3	520.1	524.4	518.4	511.8
Turkiye	189	189	63.0	37.0	0.0	0.0	529.7	529.3	.	.
United Arab Emirates	1614	1345	66.7	33.3	1.9	12.8	488.4	475.4	503.9	498.5
United States	672	552	19.2	80.8	0.8	10.5	517.5	514.5	508.3	506.1
Uzbekistan	668	651	89.2	10.8	1.1	1.4	395.6	397.6	393.0	387.5
International Avg. (43)	23553	20138	45.6	54.4	1.5	10.7	473.4	472.5	472.6	465.1
Abu Dhabi, UAE	597	490	57.0	43.0	1.5	13.5	452.5	426.7	461.7	454.5
Dubai, UAE	432	356	65.9	34.1	2.7	11.7	549.0	550.2	514.8	537.7
Sharjah, UAE	307	252	77.8	22.2	1.6	15.4	492.8	487.5	527.3	533.2

Question: How much do you agree or disagree that education about environmental sustainability should be a priority for schools?

Location: TQS-19 (BTBS19)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Omitted %	Not Administered %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Omitted Mean	Not Administered Mean
Australia	864	490	64.0	31.4	2.0	2.6	2.7	35.0	526.3	516.5	550.3	563.5	521.4	512.0
Austria	889	776	67.5	29.7	2.0	0.8	2.2	10.7	514.5	512.5	509.4	536.5	492.7	497.8
Azerbaijan	1140	913	64.5	32.2	3.0	0.2	4.4	14.1	412.8	408.3	406.2	374.8	405.9	414.9
Bahrain	223	219	79.6	19.5	0.4	0.4	2.2	0.0	458.4	429.4	426.6	413.4	425.7	.
Brazil	916	880	85.7	13.6	0.6	0.0	1.1	4.2	419.3	422.0	403.5	.	374.2	441.0
Chile	168	147	84.2	14.3	1.5	0.0	0.7	11.0	454.6	459.8	461.1	.	542.0	447.5
Chinese Taipei	239	236	59.8	34.7	4.8	0.8	1.3	0.0	571.2	575.2	552.4	596.9	567.5	.
Cote d'Ivoire	372	182	79.2	20.8	0.0	0.0	0.0	51.6	178.6	198.2	.	.	.	183.4
Cyprus	775	665	84.3	13.8	1.6	0.3	0.5	13.2	463.0	465.7	456.1	421.5	460.9	471.4
Czech Republic	1348	1251	38.8	54.3	6.7	0.3	0.7	6.4	527.6	527.2	521.4	517.2	543.1	528.7
England	262	113	62.2	36.6	0.0	1.3	3.3	39.8	529.0	533.6	.	495.7	573.0	529.5
Finland	1239	1180	61.0	34.5	3.7	0.8	1.2	2.9	533.0	527.9	520.9	536.5	536.0	523.3
France	379	325	56.7	37.7	4.3	1.3	0.9	11.9	488.2	489.2	480.1	492.2	464.7	472.4
Georgia	936	928	78.4	20.8	0.4	0.4	0.8	0.1	448.1	445.9	424.5	449.8	464.8	497.7
Hong Kong SAR	185	115	41.7	56.0	2.4	0.0	1.3	34.9	532.7	533.4	533.3	.	478.7	519.7
Hungary	1086	886	73.5	24.3	2.0	0.2	1.1	15.8	521.2	524.7	538.7	498.7	510.5	518.9
Iran, Islamic Rep. of	224	222	95.2	4.3	0.0	0.5	0.9	0.0	419.3	403.3	.	438.9	456.2	.
Ireland	440	387	71.7	26.3	2.0	0.0	2.1	11.5	527.6	537.2	492.4	.	493.7	520.0
Israel	265	243	76.4	19.7	2.6	1.3	1.1	6.8	479.6	484.7	507.0	513.1	440.9	472.1
Italy	236	228	76.2	22.1	1.4	0.4	0.3	2.9	499.2	506.3	502.9	472.3	587.4	491.0
Japan	147	143	19.2	66.6	11.1	3.2	0.4	1.7	551.9	558.7	560.4	541.8	522.7	559.5
Jordan	225	221	82.5	15.7	1.6	0.3	1.2	0.0	414.6	401.1	445.0	358.4	402.9	.
Kazakhstan	1209	1161	62.9	33.9	2.1	1.1	2.6	1.4	448.5	431.6	463.5	442.9	440.1	422.9
Korea, Rep. of	243	237	62.6	33.2	4.2	0.0	0.0	2.8	548.0	542.0	540.4	.	.	535.1
Kuwait	157	150	74.4	21.7	3.9	0.0	3.7	1.1	425.1	396.9	441.0	.	436.8	372.6
Lithuania	1096	929	54.2	41.3	4.0	0.5	0.8	12.4	521.7	514.3	525.6	564.0	538.1	520.1
Malaysia	313	313	74.3	25.4	0.3	0.0	0.0	0.0	429.0	419.1	407.9	.	.	.
Malta	466	364	78.5	21.4	0.0	0.2	2.1	17.0	509.9	493.8	.	548.3	471.5	479.1
Morocco	511	486	81.1	18.7	0.2	0.0	1.0	2.2	326.2	329.5	281.1	.	305.0	346.5
New Zealand	211	134	55.5	38.0	6.4	0.1	0.9	39.3	493.2	502.7	530.6	481.3	381.6	508.4
Norway (9)	310	230	78.9	18.4	1.6	1.0	0.9	23.2	490.7	493.1	488.0	502.1	504.2	478.4
Oman	284	275	76.2	22.6	0.9	0.3	2.1	0.9	456.9	450.5	425.1	473.2	470.2	472.5
Palestinian Nat'l Auth.	199	187	72.8	26.0	1.2	0.0	2.5	2.9	392.1	396.7	347.7	.	416.7	374.9
Portugal	521	489	87.4	11.8	0.5	0.3	0.7	5.1	506.4	501.3	488.9	494.3	534.9	499.9
Qatar	242	232	87.1	12.2	0.6	0.0	0.8	1.8	479.0	490.7	562.2	.	496.5	485.4
Romania	429	308	94.2	5.8	0.0	0.0	2.6	25.3	470.3	484.6	.	.	470.0	451.5
Saudi Arabia	214	197	84.8	14.6	0.0	0.5	2.7	5.0	420.4	412.6	.	448.0	420.1	413.4
Singapore	345	345	65.9	32.0	1.3	0.7	0.0	0.0	608.9	599.8	606.3	634.8	.	.
South Africa (9)	288	212	87.4	9.5	2.8	0.3	1.3	29.4	361.2	387.4	417.0	342.8	353.0	355.8
Sweden	814	684	52.1	38.2	7.1	2.6	2.2	14.3	517.4	527.6	530.2	546.6	522.6	511.8
Turkiye	189	189	92.2	7.4	0.4	0.0	0.0	0.0	529.4	534.3	462.6	.	.	.
United Arab Emirates	1614	1355	92.4	7.4	0.2	0.0	1.0	12.8	483.1	494.7	560.4	.	517.0	498.5
United States	672	552	61.6	34.4	2.1	2.0	1.2	10.5	512.0	519.6	522.0	523.2	512.3	506.1
Uzbekistan	668	653	88.2	11.0	0.7	0.1	0.8	1.4	395.7	394.5	397.1	447.7	416.0	387.5
International Avg. (44)	23553	20432	72.0	25.3	2.1	0.6	1.4	11.0	472.6	472.2	481.3	489.0	473.6	465.4
Abu Dhabi, UAE	597	493	94.1	5.6	0.3	0.0	0.6	13.5	441.7	434.2	568.4	.	455.4	454.5
Dubai, UAE	432	358	89.0	10.6	0.4	0.0	1.5	11.7	549.6	542.1	557.1	.	520.8	537.7
Sharjah, UAE	307	254	92.3	7.7	0.0	0.0	1.2	15.4	491.7	492.4	523.8	.	527.9	533.2

Question: Do the students in this class have digital devices (including computers, tablets, or smartphones) available to use during science lessons?
Location: TQS-20A (BTBS20A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	493	95.9	4.1	2.5	35.0	527.1	473.0	515.6	512.0
Austria	889	781	70.4	29.6	1.8	10.7	512.4	518.2	481.6	497.8
Azerbaijan	1140	935	40.0	60.0	1.5	14.1	413.7	408.8	411.5	414.9
Bahrain	223	221	62.7	37.3	1.3	0.0	454.5	448.0	433.6	.
Brazil	916	884	57.4	42.6	0.3	4.2	430.1	404.8	331.1	441.0
Chile	168	147	89.3	10.7	0.7	11.0	457.2	441.2	542.0	447.5
Chinese Taipei	239	237	77.9	22.1	0.8	0.0	571.5	573.3	560.0	.
Cote d'Ivoire	372	178	2.5	97.5	1.0	51.6	196.5	182.9	156.1	183.4
Cyprus	775	665	26.5	73.5	0.5	13.2	480.1	457.1	460.9	471.4
Czech Republic	1348	1253	84.3	15.7	0.5	6.4	526.7	528.1	545.6	528.7
England	262	115	53.5	46.5	2.5	39.8	543.5	517.7	557.6	529.5
Finland	1239	1185	96.7	3.3	0.8	2.9	530.6	536.0	543.9	523.3
France	379	327	60.5	39.5	0.6	11.9	491.1	483.1	501.4	472.4
Georgia	936	933	76.1	23.9	0.1	0.1	450.3	439.5	478.5	497.7
Hong Kong SAR	185	116	83.4	16.6	0.9	34.9	534.1	529.3	443.5	519.7
Hungary	1086	894	86.3	13.7	0.5	15.8	523.5	515.7	479.2	518.9
Iran, Islamic Rep. of	224	224	64.4	35.6	0.0	0.0	433.5	392.9	.	.
Ireland	440	387	83.1	16.9	0.5	11.5	529.2	527.4	469.0	520.0
Israel	265	245	74.1	25.9	0.7	6.8	489.8	458.1	439.9	472.1
Italy	236	229	57.8	42.2	0.0	2.9	497.1	506.2	.	491.0
Japan	147	143	100.0	0.0	0.4	1.7	557.1	.	522.7	559.5
Jordan	225	222	35.7	64.3	1.0	0.0	417.0	410.6	396.7	.
Kazakhstan	1209	1176	91.3	8.7	1.1	1.4	444.3	425.9	465.8	422.9
Korea, Rep. of	243	237	96.4	3.6	0.0	2.8	545.3	557.1	.	535.1
Kuwait	157	154	52.4	47.6	0.8	1.1	430.3	409.4	407.8	372.6
Lithuania	1096	929	86.7	13.3	0.8	12.4	518.8	520.4	535.7	520.1
Malaysia	313	313	22.2	77.8	0.0	0.0	443.7	421.5	.	.
Malta	466	365	25.8	74.2	1.7	17.0	522.7	500.4	482.6	479.1
Morocco	511	490	13.3	86.7	0.3	2.2	369.5	320.2	259.8	346.5
New Zealand	211	134	92.9	7.1	0.9	39.3	495.2	552.0	381.6	508.4
Norway (9)	310	232	100.0	0.0	0.2	23.2	491.4	.	497.0	478.4
Oman	284	279	28.2	71.8	0.5	0.9	471.4	449.5	440.8	472.5
Palestinian Nat'l Auth.	199	189	31.1	68.9	1.5	2.9	400.7	389.5	419.2	374.9
Portugal	521	489	87.7	12.3	0.7	5.1	506.1	502.3	534.9	499.9
Qatar	242	234	54.5	45.5	0.2	1.8	481.2	480.7	528.5	485.4
Romania	429	310	86.0	14.0	1.5	25.3	472.1	463.8	477.5	451.5
Saudi Arabia	214	197	33.2	66.8	2.7	5.0	422.8	417.7	420.1	413.4
Singapore	345	345	100.0	0.0	0.0	0.0	606.2	.	.	.
South Africa (9)	288	215	15.8	84.2	1.1	29.4	429.7	353.8	315.0	355.8
Sweden	814	687	99.3	0.7	1.0	14.3	523.0	500.8	529.8	511.8
Turkiye	189	189	74.0	26.0	0.0	0.0	534.5	515.3	.	.
United Arab Emirates	1614	1362	90.5	9.5	0.8	12.8	483.2	493.8	518.9	498.5
United States	672	553	97.1	2.9	0.8	10.5	513.8	557.6	508.4	506.1
Uzbekistan	668	657	68.2	31.8	0.3	1.4	397.1	392.9	395.1	387.5
International Avg. (44)	23553	20550	66.5	33.5	0.8	11.0	478.9	462.8	457.6	465.4
Abu Dhabi, UAE	597	496	91.5	8.5	0.3	13.5	436.2	500.7	461.7	454.5
Dubai, UAE	432	360	98.7	1.3	1.2	11.7	549.4	507.5	511.9	537.7
Sharjah, UAE	307	256	83.8	16.2	1.1	15.4	490.2	500.3	527.4	533.2

Question: What access do the students have to digital devices? The class has digital devices for each student to use
Location: TQS-20Ba (BTBS20BA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	493	51.5	44.4	4.1	2.5	35.0	525.9	528.6	473.0	515.6	512.0
Austria	889	780	31.0	39.3	29.7	1.9	10.7	511.6	512.9	518.2	482.0	497.8
Azerbaijan	1140	919	15.7	23.6	60.8	2.7	14.1	419.4	410.9	408.8	406.0	414.9
Bahrain	223	218	13.4	48.7	38.0	2.9	0.0	472.1	448.2	448.0	469.0	.
Brazil	916	873	28.0	29.3	42.7	0.7	4.2	436.4	424.6	404.8	360.4	441.0
Chile	168	146	45.6	43.6	10.8	1.3	11.0	457.1	456.9	441.2	509.7	447.5
Chinese Taipei	239	235	40.0	38.4	21.5	1.5	0.0	567.8	575.4	572.2	581.0	.
Cote d'Ivoire	372	178	0.0	2.5	97.5	1.0	51.6	.	196.5	182.9	156.1	183.4
Cyprus	775	664	5.8	20.6	73.6	0.6	13.2	522.5	468.3	457.1	461.9	471.4
Czech Republic	1348	1251	28.2	56.1	15.7	0.6	6.4	523.7	528.3	528.1	543.4	528.7
England	262	115	21.7	31.8	46.5	2.5	39.8	536.6	548.1	517.7	557.6	529.5
Finland	1239	1183	60.8	35.9	3.3	0.9	2.9	527.4	536.0	536.0	539.5	523.3
France	379	322	16.2	43.6	40.2	2.1	11.9	499.1	487.6	483.1	503.4	472.4
Georgia	936	923	12.2	63.7	24.1	1.2	0.1	444.5	451.4	439.5	451.0	497.7
Hong Kong SAR	185	116	46.6	36.8	16.6	0.9	34.9	523.9	546.9	529.3	443.5	519.7
Hungary	1086	887	60.0	26.2	13.8	1.0	15.8	520.4	530.8	515.7	494.7	518.9
Iran, Islamic Rep. of	224	224	7.7	56.7	35.6	0.0	0.0	456.9	430.3	392.9	.	.
Ireland	440	379	33.0	51.5	15.5	2.9	11.5	521.9	533.5	528.3	519.6	520.0
Israel	265	242	36.7	37.0	26.2	1.7	6.8	500.1	481.6	458.1	430.6	472.1
Italy	236	229	16.7	41.1	42.2	0.0	2.9	490.9	499.6	506.2	.	491.0
Japan	147	142	99.1	0.9	0.0	1.1	1.7	557.2	541.6	.	542.3	559.5
Jordan	225	219	5.6	29.6	64.8	1.8	0.0	409.0	418.4	410.6	407.7	.
Kazakhstan	1209	1126	55.1	35.9	9.1	5.0	1.4	439.6	449.6	425.9	462.3	422.9
Korea, Rep. of	243	237	80.6	15.7	3.6	0.0	2.8	545.2	545.5	557.1	.	535.1
Kuwait	157	142	4.2	52.5	43.3	9.5	1.1	491.8	425.2	410.2	408.0	372.6
Lithuania	1096	921	29.4	57.3	13.3	1.6	12.4	515.1	520.5	519.7	538.1	520.1
Malaysia	313	313	2.9	19.3	77.8	0.0	0.0	483.8	437.7	421.5	.	.
Malta	466	365	2.8	23.0	74.2	1.7	17.0	512.6	523.9	500.4	482.6	479.1
Morocco	511	488	2.7	10.2	87.0	0.7	2.2	411.5	357.6	320.2	327.3	346.5
New Zealand	211	132	33.7	59.2	7.2	1.2	39.3	491.2	497.4	552.0	414.1	508.4
Norway (9)	310	231	95.4	4.6	0.0	0.5	23.2	490.6	506.9	.	502.3	478.4
Oman	284	278	4.3	23.6	72.2	1.0	0.9	466.5	472.7	449.5	447.3	472.5
Palestinian Nat'l Auth.	199	187	2.3	28.0	69.8	2.7	2.9	392.2	404.1	389.5	384.7	374.9
Portugal	521	488	56.8	30.9	12.3	0.9	5.1	504.0	510.2	502.3	524.6	499.9
Qatar	242	232	19.8	34.5	45.6	0.4	1.8	501.0	469.9	480.7	498.4	485.4
Romania	429	304	31.8	53.9	14.3	3.2	25.3	465.9	475.9	463.8	473.5	451.5
Saudi Arabia	214	197	9.6	23.5	66.8	2.7	5.0	423.1	422.7	417.7	420.1	413.4
Singapore	345	345	67.1	32.9	0.0	0.0	0.0	606.2	606.1	.	.	.
South Africa (9)	288	194	4.3	13.3	82.4	8.3	29.4	423.0	431.9	349.1	377.8	355.8
Sweden	814	668	89.8	9.5	0.7	2.7	14.3	522.0	532.7	500.8	524.9	511.8
Turkiye	189	186	29.3	44.2	26.5	1.6	0.0	553.7	521.8	515.3	534.2	.
United Arab Emirates	1614	1347	56.9	33.6	9.5	1.4	12.8	466.8	511.9	493.8	482.5	498.5
United States	672	552	89.6	7.5	2.9	0.8	10.5	515.4	494.1	557.6	508.3	506.1
Uzbekistan	668	643	29.5	38.2	32.4	2.6	1.4	394.5	398.8	392.6	404.9	387.5
International Avg. (44)	23553	20314	33.5	33.0	33.5	1.8	11.0	489.3	478.9	462.7	463.9	465.4
Abu Dhabi, UAE	597	489	61.9	29.5	8.6	1.3	13.5	414.3	483.2	500.7	423.7	454.5
Dubai, UAE	432	358	58.0	40.8	1.3	1.5	11.7	539.4	564.1	507.5	506.4	537.7
Sharjah, UAE	307	252	47.5	36.3	16.2	1.5	15.4	480.5	503.1	500.4	513.2	533.2

Question: What access do the students have to digital devices? The class has digital devices that students can share
Location: TQS-20Bb (BTBS20BB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	493	29.9	66.0	4.1	2.5	35.0	512.2	533.9	473.0	515.6	512.0
Austria	889	779	24.1	46.2	29.7	2.1	10.7	508.6	514.1	518.2	489.2	497.8
Azerbaijan	1140	913	21.7	17.4	60.9	3.2	14.1	415.8	411.3	408.9	410.4	414.9
Bahrain	223	217	23.4	39.2	37.5	3.7	0.0	461.6	448.5	448.5	459.1	.
Brazil	916	873	41.1	16.2	42.7	0.7	4.2	433.2	423.3	404.8	357.0	441.0
Chile	168	146	61.3	27.8	10.8	1.3	11.0	457.3	456.5	441.2	509.7	447.5
Chinese Taipei	239	235	55.6	22.9	21.5	1.5	0.0	570.0	575.3	572.2	581.0	.
Cote d'Ivoire	372	174	0.0	1.1	98.9	2.0	51.6	.	166.1	182.9	181.4	183.4
Cyprus	775	663	7.3	18.9	73.7	0.8	13.2	488.4	477.5	457.1	453.9	471.4
Czech Republic	1348	1248	50.0	34.2	15.8	0.8	6.4	523.7	531.3	528.1	534.2	528.7
England	262	114	26.9	26.0	47.0	3.2	39.8	541.1	549.5	517.7	538.2	529.5
Finland	1239	1182	40.8	55.9	3.3	1.1	2.9	534.3	527.9	536.0	537.4	523.3
France	379	324	37.7	22.4	39.9	1.4	11.9	490.4	491.9	483.1	500.9	472.4
Georgia	936	914	33.5	42.2	24.4	2.0	0.1	451.7	449.0	439.5	452.2	497.7
Hong Kong SAR	185	116	50.9	32.5	16.6	0.9	34.9	525.4	547.6	529.3	443.5	519.7
Hungary	1086	888	34.4	51.8	13.8	1.1	15.8	521.6	525.1	515.7	484.2	518.9
Iran, Islamic Rep. of	224	224	26.1	38.2	35.6	0.0	0.0	451.8	421.0	392.9	.	.
Ireland	440	379	21.5	63.0	15.5	2.9	11.5	517.2	533.0	528.3	519.6	520.0
Israel	265	243	37.6	36.3	26.1	1.2	6.8	496.2	484.0	458.1	439.3	472.1
Italy	236	229	42.6	15.2	42.2	0.0	2.9	497.2	496.6	506.2	.	491.0
Japan	147	142	68.3	31.7	0.0	1.1	1.7	555.0	561.5	.	542.3	559.5
Jordan	225	219	14.5	20.7	64.8	1.8	0.0	418.8	415.5	410.6	407.7	.
Kazakhstan	1209	1123	72.1	18.8	9.1	5.3	1.4	440.9	453.5	425.9	461.2	422.9
Korea, Rep. of	243	236	48.8	47.6	3.6	0.3	2.8	544.2	546.3	557.1	552.9	535.1
Kuwait	157	142	24.4	32.5	43.2	9.6	1.1	439.4	423.2	409.4	411.3	372.6
Lithuania	1096	919	31.2	55.4	13.4	1.9	12.4	517.3	519.5	519.7	534.2	520.1
Malaysia	313	313	8.1	14.1	77.8	0.0	0.0	474.7	425.9	421.5	.	.
Malta	466	365	9.9	15.9	74.2	1.7	17.0	516.7	526.4	500.4	482.6	479.1
Morocco	511	488	6.9	6.0	87.0	0.7	2.2	374.3	363.0	320.2	327.3	346.5
New Zealand	211	132	25.1	67.7	7.2	1.2	39.3	471.9	503.8	552.0	414.1	508.4
Norway (9)	310	231	42.6	57.4	0.0	0.5	23.2	491.0	491.6	.	502.3	478.4
Oman	284	278	12.9	14.9	72.2	1.0	0.9	473.1	470.6	449.5	447.3	472.5
Palestinian Nat'l Auth.	199	187	11.1	19.1	69.8	2.7	2.9	404.3	402.6	389.5	384.7	374.9
Portugal	521	488	48.9	38.8	12.3	0.9	5.1	501.9	511.5	502.3	524.6	499.9
Qatar	242	232	34.4	19.9	45.6	0.4	1.8	483.6	477.2	480.7	498.4	485.4
Romania	429	304	66.2	19.4	14.3	3.4	25.3	475.4	462.8	463.8	467.7	451.5
Saudi Arabia	214	197	14.4	18.7	66.8	2.7	5.0	439.3	410.2	417.7	420.1	413.4
Singapore	345	345	39.0	61.0	0.0	0.0	0.0	606.3	606.1	.	.	.
South Africa (9)	288	194	4.5	13.2	82.4	8.3	29.4	442.5	425.4	349.1	377.8	355.8
Sweden	814	668	19.8	79.5	0.7	2.7	14.3	518.0	524.3	500.8	524.9	511.8
Turkiye	189	186	45.2	28.3	26.5	1.6	0.0	536.4	531.5	515.3	534.2	.
United Arab Emirates	1614	1345	44.0	46.6	9.4	1.5	12.8	477.1	489.6	494.4	481.5	498.5
United States	672	552	43.7	53.4	2.9	0.8	10.5	506.8	519.5	557.6	508.3	506.1
Uzbekistan	668	643	49.2	18.2	32.5	2.6	1.4	399.0	391.7	392.9	399.5	387.5
International Avg. (44)	23553	20283	33.0	33.5	33.5	1.9	11.0	486.2	477.6	462.7	465.3	465.4
Abu Dhabi, UAE	597	489	39.9	51.5	8.6	1.3	13.5	429.6	441.9	500.7	423.7	454.5
Dubai, UAE	432	357	45.5	53.2	1.3	1.6	11.7	537.4	560.1	507.5	510.7	537.7
Sharjah, UAE	307	252	49.2	34.5	16.2	1.5	15.4	487.9	493.7	500.4	513.2	533.2

Question: What access do the students have to digital devices? The school has digital devices that the class can use sometimes
Location: TQS-20Bc (BTBS20BC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	493	55.4	40.5	4.1	2.5	35.0	520.3	536.4	473.0	515.6	512.0
Austria	889	779	56.6	13.8	29.7	1.9	10.7	510.6	519.5	518.2	483.5	497.8
Azerbaijan	1140	910	32.2	6.9	61.0	3.6	14.1	414.3	416.0	408.9	402.4	414.9
Bahrain	223	217	52.0	10.6	37.5	3.7	0.0	446.6	486.7	448.5	459.1	.
Brazil	916	873	48.5	8.9	42.7	0.7	4.2	427.7	444.9	404.8	356.8	441.0
Chile	168	146	82.5	6.7	10.8	1.3	11.0	456.4	465.3	441.2	509.7	447.5
Chinese Taipei	239	234	69.2	9.1	21.7	2.2	0.0	570.8	580.5	572.2	563.3	.
Cote d'Ivoire	372	175	0.4	0.6	99.0	1.7	51.6	160.6	169.8	182.9	181.2	183.4
Cyprus	775	662	14.1	12.4	73.5	0.9	13.2	479.1	481.4	457.1	463.1	471.4
Czech Republic	1348	1251	79.8	4.5	15.7	0.6	6.4	525.2	553.3	528.1	543.4	528.7
England	262	115	42.4	11.2	46.5	2.5	39.8	532.4	585.4	517.7	557.6	529.5
Finland	1239	1182	66.0	30.7	3.3	1.0	2.9	534.2	522.8	536.0	543.3	523.3
France	379	324	56.5	3.7	39.9	1.4	11.9	491.1	489.0	483.1	502.5	472.4
Georgia	936	921	68.5	7.4	24.1	1.2	0.1	450.5	449.9	439.5	441.8	497.7
Hong Kong SAR	185	116	68.5	14.9	16.6	0.9	34.9	528.8	558.1	529.3	443.5	519.7
Hungary	1086	888	75.5	10.7	13.8	1.0	15.8	522.7	529.8	515.7	495.0	518.9
Iran, Islamic Rep. of	224	224	46.7	17.6	35.6	0.0	0.0	445.7	401.2	392.9	.	.
Ireland	440	379	59.5	25.1	15.5	2.9	11.5	525.2	537.8	528.3	519.6	520.0
Israel	265	243	62.5	11.5	26.1	1.2	6.8	490.9	486.7	458.1	439.3	472.1
Italy	236	227	50.6	6.8	42.6	1.0	2.9	499.2	484.8	506.2	474.7	491.0
Japan	147	142	60.3	39.7	0.0	1.1	1.7	557.9	555.9	.	542.3	559.5
Jordan	225	219	28.2	7.0	64.8	1.8	0.0	412.6	434.0	410.6	407.7	.
Kazakhstan	1209	1123	79.3	11.6	9.1	5.3	1.4	443.2	446.5	425.9	460.7	422.9
Korea, Rep. of	243	235	68.1	28.2	3.6	0.7	2.8	543.2	549.8	557.1	562.4	535.1
Kuwait	157	142	45.6	11.2	43.2	9.6	1.1	418.9	475.6	409.4	411.3	372.6
Lithuania	1096	921	76.1	10.5	13.3	1.6	12.4	517.2	529.4	519.7	538.1	520.1
Malaysia	313	313	21.5	0.7	77.8	0.0	0.0	441.4	518.3	421.5	.	.
Malta	466	365	14.9	10.9	74.2	1.7	17.0	530.0	512.8	500.4	482.6	479.1
Morocco	511	487	10.1	2.7	87.3	1.0	2.2	376.1	346.3	320.2	327.7	346.5
New Zealand	211	132	57.3	35.5	7.2	1.2	39.3	491.1	501.8	552.0	414.1	508.4
Norway (9)	310	230	45.2	54.8	0.0	0.8	23.2	492.7	490.2	.	499.5	478.4
Oman	284	277	22.7	4.7	72.5	1.6	0.9	466.2	495.1	449.5	464.8	472.5
Palestinian Nat'l Auth.	199	187	28.3	1.9	69.8	2.7	2.9	403.5	398.3	389.5	384.7	374.9
Portugal	521	488	72.2	15.4	12.3	0.9	5.1	505.5	509.3	502.3	524.6	499.9
Qatar	242	232	45.9	8.5	45.6	0.4	1.8	475.2	514.0	480.7	498.4	485.4
Romania	429	305	76.0	9.8	14.3	3.0	25.3	471.2	480.7	463.8	470.8	451.5
Saudi Arabia	214	197	28.1	5.1	66.8	2.7	5.0	423.5	419.5	417.7	420.1	413.4
Singapore	345	345	74.4	25.6	0.0	0.0	0.0	607.5	602.2	.	.	.
South Africa (9)	288	194	10.8	6.9	82.4	8.3	29.4	440.7	412.6	349.1	377.8	355.8
Sweden	814	665	26.7	72.6	0.7	3.1	14.3	521.1	523.8	500.8	524.4	511.8
Turkiye	189	185	55.1	18.7	26.2	2.0	0.0	531.7	543.1	516.0	521.0	.
United Arab Emirates	1614	1345	70.6	20.0	9.4	1.5	12.8	482.0	489.1	494.4	479.2	498.5
United States	672	552	49.8	47.3	2.9	0.8	10.5	511.3	516.3	557.6	508.3	506.1
Uzbekistan	668	644	57.7	10.0	32.4	2.3	1.4	398.3	388.9	392.9	401.4	387.5
International Avg. (44)	23553	20284	50.3	16.2	33.5	2.0	11.0	477.1	485.3	462.8	466.3	465.4
Abu Dhabi, UAE	597	488	64.8	26.6	8.6	1.4	13.5	438.8	430.9	500.7	425.9	454.5
Dubai, UAE	432	358	75.0	23.7	1.3	1.5	11.7	545.6	562.4	507.5	506.4	537.7
Sharjah, UAE	307	252	70.4	13.4	16.2	1.5	15.4	485.9	513.0	500.4	513.2	533.2

Question: What access do the students have to digital devices? Students bring their own digital devices
Location: TQS-20Bd (BTBS20BD)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	493	69.6	26.3	4.1	2.5	35.0	531.1	516.6	473.0	515.6	512.0
Austria	889	779	51.6	18.7	29.7	2.0	10.7	513.2	509.5	518.2	487.5	497.8
Azerbaijan	1140	914	9.2	30.1	60.8	3.3	14.1	426.8	410.8	408.9	402.5	414.9
Bahrain	223	217	14.0	48.5	37.5	3.7	0.0	511.3	436.6	448.5	459.1	.
Brazil	916	870	43.1	14.4	42.5	1.2	4.2	434.6	417.7	405.0	374.6	441.0
Chile	168	146	65.2	24.0	10.8	1.3	11.0	460.5	447.8	441.2	509.7	447.5
Chinese Taipei	239	235	14.5	64.0	21.5	1.5	0.0	582.7	569.0	572.2	581.0	.
Cote d'Ivoire	372	175	0.6	0.4	99.0	1.7	51.6	169.8	160.6	182.9	181.2	183.4
Cyprus	775	662	15.5	11.0	73.5	0.9	13.2	498.6	454.1	457.1	463.1	471.4
Czech Republic	1348	1250	53.9	30.3	15.8	0.6	6.4	529.4	521.9	528.1	544.6	528.7
England	262	115	23.3	30.3	46.5	2.5	39.8	552.9	536.2	517.7	557.6	529.5
Finland	1239	1182	47.1	49.7	3.3	0.9	2.9	530.5	530.6	536.0	544.7	523.3
France	379	323	10.3	49.7	40.0	1.7	11.9	498.8	489.2	483.1	504.1	472.4
Georgia	936	915	49.6	26.1	24.3	1.9	0.1	448.6	453.7	439.5	448.0	497.7
Hong Kong SAR	185	116	69.3	14.1	16.6	0.9	34.9	537.9	515.0	529.3	443.5	519.7
Hungary	1086	888	43.6	42.8	13.6	1.1	15.8	533.3	513.8	516.1	486.5	518.9
Iran, Islamic Rep. of	224	223	10.6	53.7	35.7	0.3	0.0	421.4	436.1	392.9	391.7	.
Ireland	440	380	50.7	34.4	14.9	2.8	11.5	531.1	526.6	528.2	510.8	520.0
Israel	265	242	54.5	19.4	26.1	1.3	6.8	497.2	470.3	458.1	446.0	472.1
Italy	236	229	18.8	39.0	42.2	0.0	2.9	502.1	494.6	506.2	.	491.0
Japan	147	142	36.8	63.2	0.0	1.1	1.7	558.0	556.6	.	542.3	559.5
Jordan	225	217	5.5	29.2	65.3	2.5	0.0	416.1	416.6	410.6	415.2	.
Kazakhstan	1209	1120	55.7	35.2	9.1	5.5	1.4	452.0	430.3	425.9	460.2	422.9
Korea, Rep. of	243	235	50.8	45.6	3.7	1.0	2.8	548.2	542.6	557.1	516.3	535.1
Kuwait	157	140	7.4	48.7	43.9	11.0	1.1	456.5	424.0	409.4	422.1	372.6
Lithuania	1096	919	64.4	22.2	13.4	1.9	12.4	520.1	514.7	519.7	534.5	520.1
Malaysia	313	312	3.1	18.8	78.1	0.4	0.0	489.2	436.5	421.5	433.0	.
Malta	466	365	14.5	11.3	74.2	1.7	17.0	527.6	516.3	500.4	482.6	479.1
Morocco	511	488	3.7	9.3	87.0	0.7	2.2	389.2	361.1	320.2	327.3	346.5
New Zealand	211	132	75.7	17.2	7.2	1.2	39.3	502.4	463.5	552.0	414.1	508.4
Norway (9)	310	231	41.6	58.4	0.0	0.5	23.2	492.1	490.8	.	502.3	478.4
Oman	284	278	3.2	24.6	72.2	1.0	0.9	493.0	469.0	449.5	447.3	472.5
Palestinian Nat'l Auth.	199	187	6.5	23.8	69.8	2.7	2.9	418.5	399.0	389.5	384.7	374.9
Portugal	521	488	73.3	14.4	12.3	0.9	5.1	507.3	500.7	502.3	524.6	499.9
Qatar	242	232	21.1	33.3	45.6	0.4	1.8	517.3	458.4	480.7	498.4	485.4
Romania	429	305	57.3	28.4	14.3	3.0	25.3	473.0	470.9	463.8	470.8	451.5
Saudi Arabia	214	197	10.2	22.9	66.8	2.7	5.0	439.4	415.5	417.7	420.1	413.4
Singapore	345	344	97.7	2.3	0.0	0.5	0.0	606.8	553.7	.	739.5	.
South Africa (9)	288	194	12.3	5.3	82.4	8.3	29.4	434.0	419.9	349.1	377.8	355.8
Sweden	814	0	.	.	.	.	.	.	.	.	.	.
Turkiye	189	185	16.1	57.7	26.2	2.0	0.0	551.3	529.9	516.0	521.0	.
United Arab Emirates	1614	1344	72.8	17.8	9.4	1.6	12.8	496.5	430.1	494.4	484.3	498.5
United States	672	551	36.5	60.5	2.9	0.9	10.5	510.6	515.8	557.6	507.1	506.1
Uzbekistan	668	644	30.5	37.2	32.4	2.3	1.4	399.4	395.0	392.9	401.4	387.5
International Avg. (43)	23553	19604	35.2	30.6	34.3	2.0	10.9	486.3	467.9	461.8	468.5	464.2
Abu Dhabi, UAE	597	489	55.5	35.9	8.6	1.3	13.5	452.9	411.3	500.7	423.7	454.5
Dubai, UAE	432	358	92.8	5.9	1.3	1.5	11.7	550.9	529.3	507.5	506.4	537.7
Sharjah, UAE	307	250	77.4	6.2	16.4	2.1	15.4	492.8	453.1	500.4	521.1	533.2

Question: How often do you have students use digital devices during science instruction?

Location: TQS-20C (BTBS20C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	493	77.9	14.5	3.4	0.2	4.1	2.5	35.0	532.2	508.7	486.1	544.3	473.0	515.6	512.0
Austria	889	777	13.9	37.1	16.5	2.9	29.6	2.2	10.7	510.3	511.8	512.5	526.5	518.0	491.3	497.8
Azerbaijan	1140	910	17.3	15.6	4.2	2.1	60.8	3.7	14.1	418.2	411.9	401.0	415.2	408.7	412.6	414.9
Bahrain	223	214	33.1	20.6	4.6	3.9	37.9	4.7	0.0	456.0	456.7	462.6	407.5	448.5	453.9	.
Brazil	916	871	20.0	25.3	9.9	2.1	42.7	1.5	4.2	430.4	435.6	423.5	413.5	405.0	370.7	441.0
Chile	168	147	25.6	44.2	19.3	0.3	10.7	0.7	11.0	454.5	460.4	453.0	473.7	441.2	542.0	447.5
Chinese Taipei	239	235	17.2	27.4	21.8	12.1	21.5	1.5	0.0	570.4	577.5	571.9	558.9	572.2	581.0	.
Cote d'Ivoire	372	175	0.0	0.0	1.0	0.0	99.0	1.7	51.6	.	.	166.1	.	182.9	181.2	183.4
Cyprus	775	661	9.0	5.6	8.3	3.4	73.6	1.0	13.2	511.4	482.8	453.3	459.1	457.1	464.2	471.4
Czech Republic	1348	1247	28.1	33.9	21.7	0.6	15.7	0.9	6.4	525.5	529.0	525.0	514.9	528.2	541.7	528.7
England	262	115	17.5	23.2	11.9	0.9	46.5	2.5	39.8	543.5	543.0	536.7	638.5	517.7	557.6	529.5
Finland	1239	1182	36.1	46.8	12.8	1.0	3.3	1.0	2.9	530.7	530.8	530.9	507.2	536.0	546.1	523.3
France	379	327	8.5	17.3	30.9	3.8	39.5	0.6	11.9	498.6	489.2	489.1	499.5	483.1	501.4	472.4
Georgia	936	914	31.8	32.9	10.8	0.3	24.3	1.8	0.1	450.7	451.1	450.3	392.4	439.5	437.3	497.7
Hong Kong SAR	185	114	34.0	26.6	22.9	0.0	16.4	2.2	34.9	523.9	555.0	517.9	.	527.4	548.8	519.7
Hungary	1086	887	18.0	45.2	20.4	2.7	13.7	1.2	15.8	526.1	519.8	527.3	540.2	516.1	498.3	518.9
Iran, Islamic Rep. of	224	221	20.5	20.2	18.0	5.6	35.7	1.5	0.0	441.9	434.3	428.2	418.4	392.4	424.5	.
Ireland	440	382	31.3	34.7	18.0	0.6	15.3	2.1	11.5	524.6	529.1	537.6	528.1	528.3	507.2	520.0
Israel	265	243	32.3	28.9	12.3	0.4	26.1	1.2	6.8	507.5	488.3	452.2	392.3	458.1	439.3	472.1
Italy	236	229	21.8	16.6	18.6	0.8	42.2	0.0	2.9	506.5	481.1	500.4	492.6	506.2	.	491.0
Japan	147	142	38.1	32.4	19.3	10.2	0.0	1.1	1.7	564.9	551.7	553.9	551.4	.	542.3	559.5
Jordan	225	212	9.2	15.4	5.7	4.1	65.6	4.3	0.0	427.6	410.4	401.8	462.6	410.3	394.2	.
Kazakhstan	1209	1131	69.3	19.5	1.9	0.2	9.0	4.3	1.4	440.9	456.1	446.1	430.1	425.9	450.9	422.9
Korea, Rep. of	243	236	22.2	44.0	25.5	4.7	3.6	0.4	2.8	545.6	546.3	543.7	544.7	557.1	517.4	535.1
Kuwait	157	142	37.1	7.9	6.2	5.6	43.2	9.5	1.1	436.6	398.1	424.6	438.6	408.8	413.9	372.6
Lithuania	1096	924	26.2	42.1	17.9	0.6	13.1	1.3	12.4	518.7	521.8	511.4	530.4	520.4	531.0	520.1
Malaysia	313	312	7.3	7.2	7.1	0.7	77.7	0.4	0.0	454.1	434.1	445.4	416.2	421.3	452.8	.
Malta	466	365	6.5	5.9	8.4	5.0	74.2	1.7	17.0	525.7	503.9	532.6	524.1	500.4	482.6	479.1
Morocco	511	483	5.2	1.1	2.7	2.8	88.1	1.9	2.2	377.7	369.9	363.6	363.6	320.2	345.7	346.5
New Zealand	211	132	79.6	12.8	0.4	0.0	7.2	1.2	39.3	495.9	488.9	558.9	.	552.0	414.1	508.4
Norway (9)	310	231	90.5	7.7	1.1	0.7	0.0	0.5	23.2	490.5	502.0	511.8	445.3	.	502.3	478.4
Oman	284	271	12.4	5.6	5.1	3.5	73.4	2.7	0.9	475.7	442.7	484.9	486.4	449.5	461.1	472.5
Palestinian Nat'l Auth.	199	189	16.8	8.8	3.8	1.8	68.9	1.5	2.9	398.7	408.4	411.6	358.7	389.5	419.2	374.9
Portugal	521	487	25.8	34.9	24.3	2.6	12.4	1.0	5.1	501.0	506.9	511.0	502.0	502.3	525.5	499.9
Qatar	242	232	26.6	16.2	11.1	0.3	45.8	0.7	1.8	508.9	451.5	456.7	551.7	480.7	490.5	485.4
Romania	429	305	40.8	35.8	8.5	0.6	14.2	2.9	25.3	467.6	477.4	475.9	493.0	463.8	462.1	451.5
Saudi Arabia	214	192	16.9	4.8	5.4	5.0	68.0	5.0	5.0	416.2	427.9	438.5	433.0	417.5	414.5	413.4
Singapore	345	345	68.8	25.0	6.2	0.0	0.0	0.0	0.0	605.2	616.5	575.6	.	.	.	.
South Africa (9)	288	196	7.7	3.1	4.6	2.0	82.5	7.7	29.4	411.6	417.2	455.3	459.8	349.0	380.7	355.8
Sweden	814	686	79.5	14.1	5.5	0.2	0.7	1.1	14.3	521.4	532.7	524.0	462.8	500.8	532.3	511.8
Turkiye	189	184	58.4	10.9	3.5	1.9	25.2	2.8	0.0	530.2	571.4	526.6	471.0	515.4	523.3	.
United Arab Emirates	1614	1342	85.2	3.6	1.3	0.4	9.4	1.8	12.8	482.1	516.2	485.8	474.8	494.4	483.9	498.5
United States	672	552	88.1	6.9	1.7	0.4	2.9	0.8	10.5	514.7	503.3	486.1	619.6	557.6	508.3	506.1
Uzbekistan	668	636	49.5	14.8	2.0	1.0	32.7	3.6	1.4	398.4	394.4	395.5	372.1	392.6	401.5	387.5
International Avg. (44)	23553	20271	33.2	20.4	10.6	2.2	33.6	2.1	11.0	487.7	484.8	476.1	477.9	462.7	468.2	465.4
Abu Dhabi, UAE	597	488	84.2	4.6	2.4	0.1	8.6	1.4	13.5	429.9	514.3	520.9	415.2	500.7	425.8	454.5
Dubai, UAE	432	356	96.5	1.9	0.0	0.2	1.3	2.0	11.7	549.3	572.0	388.3	573.9	507.5	507.9	537.7
Sharjah, UAE	307	252	75.8	5.5	1.5	0.9	16.4	2.0	15.4	491.3	498.1	407.7	454.4	500.3	520.0	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Solve extended or contextualized problems
Location: TQS-20Da (BTBS20DA)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	491	35.7	31.7	17.5	11.0	4.1	2.5	35.0	532.6	521.8	540.5	503.3	473.0	516.0	512.0
Austria	889	777	7.3	29.8	23.3	10.1	29.6	2.1	10.7	500.8	510.6	516.2	516.4	518.1	489.1	497.8
Azerbaijan	1140	899	18.4	14.5	4.2	1.4	61.6	5.1	14.1	414.9	414.5	415.1	445.3	408.8	399.4	414.9
Bahrain	223	218	25.9	23.9	9.2	4.1	36.9	2.7	0.0	469.5	442.0	452.2	437.0	448.6	435.2	.
Brazil	916	874	18.3	20.9	14.8	3.3	42.7	1.5	4.2	429.1	425.3	441.5	424.3	405.0	378.9	441.0
Chile	168	146	17.2	38.0	27.1	6.9	10.8	1.3	11.0	450.2	457.6	458.7	464.2	441.2	513.2	447.5
Chinese Taipei	239	232	11.0	24.5	27.1	14.6	22.8	4.0	0.0	582.6	573.9	566.5	563.0	573.3	588.8	.
Cote d'Ivoire	372	175	0.0	0.0	1.0	0.0	99.0	1.7	51.6	.	.	166.1	.	182.9	181.2	183.4
Cyprus	775	660	5.5	6.7	7.3	7.0	73.5	1.2	13.2	514.7	480.0	462.6	470.0	457.1	466.8	471.4
Czech Republic	1348	1243	7.4	27.6	34.5	14.7	15.7	1.2	6.4	529.0	527.4	528.4	520.6	528.2	532.3	528.7
England	262	115	10.5	12.9	9.6	20.6	46.5	2.5	39.8	557.8	537.7	519.9	550.8	517.7	557.6	529.5
Finland	1239	1175	16.8	35.8	33.0	11.1	3.3	1.8	2.9	529.4	531.6	531.5	528.9	536.0	520.9	523.3
France	379	326	2.8	12.7	26.6	18.4	39.5	0.7	11.9	510.7	482.1	491.1	495.4	483.1	478.3	472.4
Georgia	936	915	17.7	34.9	18.3	5.0	24.1	1.7	0.1	450.3	449.0	451.2	456.7	439.4	448.7	497.7
Hong Kong SAR	185	115	10.1	22.3	40.6	10.9	16.2	1.3	34.9	521.3	539.0	532.0	543.3	527.4	481.5	519.7
Hungary	1086	887	11.2	33.1	31.4	10.6	13.7	1.2	15.8	528.0	523.0	522.0	524.7	516.1	499.5	518.9
Iran, Islamic Rep. of	224	219	15.1	23.7	18.3	7.8	35.1	2.2	0.0	431.8	428.8	433.4	442.5	391.5	461.2	.
Ireland	440	382	12.9	21.3	25.6	23.2	17.1	1.5	11.5	531.8	522.2	524.9	538.0	527.4	522.5	520.0
Israel	265	241	11.0	28.8	26.6	7.3	26.3	1.8	6.8	511.4	487.0	487.2	482.8	458.1	453.1	472.1
Italy	236	229	6.8	12.7	24.0	14.3	42.2	0.0	2.9	495.1	491.5	502.1	494.6	506.2	.	491.0
Japan	147	142	9.4	22.2	22.4	46.0	0.0	1.1	1.7	569.9	555.4	560.6	553.3	.	556.5	559.5
Jordan	225	220	11.4	10.8	9.4	4.5	64.0	1.9	0.0	412.8	402.5	415.2	466.5	410.3	412.1	.
Kazakhstan	1209	1150	53.3	31.0	4.7	2.2	8.9	2.9	1.4	439.4	450.5	457.2	447.4	425.9	454.2	422.9
Korea, Rep. of	243	237	20.2	36.3	31.0	8.9	3.6	0.0	2.8	547.3	546.8	543.1	541.9	557.1	.	535.1
Kuwait	157	148	22.4	13.8	8.5	6.3	49.0	4.9	1.1	419.5	446.3	418.5	438.8	409.7	433.0	372.6
Lithuania	1096	920	12.8	31.6	26.1	16.3	13.3	1.8	12.4	516.6	520.4	516.7	519.5	521.1	533.2	520.1
Malaysia	313	312	4.4	8.8	6.3	2.8	77.7	0.4	0.0	463.7	435.0	452.3	420.2	421.3	452.8	.
Malta	466	364	4.2	7.4	5.4	8.6	74.4	1.9	17.0	521.9	512.8	530.0	527.2	500.4	486.5	479.1
Morocco	511	490	3.4	2.9	4.3	2.6	86.7	0.3	2.2	404.2	370.0	358.5	341.4	320.2	259.8	346.5
New Zealand	211	134	21.9	32.2	25.4	13.3	7.1	0.9	39.3	499.0	500.4	488.5	488.8	552.0	381.6	508.4
Norway (9)	310	230	37.8	48.2	11.6	2.4	0.0	0.9	23.2	495.1	490.5	483.6	476.4	.	519.0	478.4
Oman	284	279	7.6	11.0	6.2	3.4	71.8	0.5	0.9	476.7	464.5	477.9	470.2	449.5	440.8	472.5
Palestinian Nat'l Auth.	199	189	8.1	14.3	5.8	2.9	68.9	1.5	2.9	404.0	401.9	417.7	351.8	389.5	419.2	374.9
Portugal	521	486	12.3	21.1	34.0	20.1	12.4	1.3	5.1	500.7	507.6	505.8	508.1	502.3	528.1	499.9
Qatar	242	233	20.3	23.1	8.7	2.4	45.6	0.3	1.8	485.1	481.6	470.1	480.5	480.7	539.6	485.4
Romania	429	305	22.5	38.7	20.3	4.3	14.2	2.8	25.3	471.3	470.5	477.0	473.4	463.8	469.1	451.5
Saudi Arabia	214	194	17.2	10.2	3.6	1.9	67.1	3.9	5.0	431.2	419.6	411.7	393.0	417.5	419.8	413.4
Singapore	345	345	21.6	28.0	37.5	12.9	0.0	0.0	0.0	628.6	607.0	600.5	583.6	.	.	.
South Africa (9)	288	213	6.0	3.8	2.5	3.5	84.2	1.4	29.4	417.1	455.6	416.5	436.9	354.0	310.0	355.8
Sweden	814	678	38.5	32.5	21.4	6.9	0.7	1.6	14.3	524.7	517.8	525.2	529.6	500.8	534.3	511.8
Turkiye	189	186	37.6	23.8	10.7	3.0	24.9	1.5	0.0	540.7	520.5	547.1	523.5	515.4	513.3	.
United Arab Emirates	1614	1352	67.8	19.4	2.9	0.6	9.4	1.4	12.8	480.0	497.0	468.7	490.7	494.4	492.4	498.5
United States	672	550	43.5	31.4	15.5	6.7	2.9	0.9	10.5	510.6	514.1	519.2	521.3	557.6	502.3	506.1
Uzbekistan	668	640	37.6	25.1	3.3	1.6	32.4	3.0	1.4	402.4	391.1	383.3	396.2	392.5	400.2	387.5
International Avg. (44)	23553	20316	18.3	22.4	17.0	8.8	33.6	1.7	11.0	489.6	484.3	477.0	483.3	462.8	463.0	465.4
Abu Dhabi, UAE	597	492	64.7	22.0	4.6	0.3	8.5	0.7	13.5	422.1	474.5	452.6	451.7	500.7	438.5	454.5
Dubai, UAE	432	360	74.3	22.1	1.8	0.6	1.3	1.2	11.7	547.8	551.0	576.1	621.4	507.5	511.9	537.7
Sharjah, UAE	307	252	67.6	12.7	2.5	0.8	16.4	2.1	15.4	495.0	482.2	419.1	428.0	500.4	511.9	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Create graphs, tables, or other data displays
Location: TQS-20Db (BTBS20DB)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	491	20.6	39.8	27.2	8.3	4.1	2.5	35.0	528.2	534.6	517.2	520.6	473.0	516.0	512.0
Austria	889	776	0.9	13.0	22.1	34.4	29.6	2.2	10.7	532.0	516.0	512.4	510.5	518.1	486.6	497.8
Azerbaijan	1140	897	15.8	14.1	6.1	2.2	61.7	5.3	14.1	416.7	417.9	409.5	414.8	408.8	399.6	414.9
Bahrain	223	218	14.9	28.5	12.9	6.8	36.9	2.7	0.0	477.6	452.6	449.9	420.1	448.6	435.2	.
Brazil	916	871	11.3	15.4	13.9	16.5	43.0	2.1	4.2	432.9	424.4	424.4	441.5	405.0	383.0	441.0
Chile	168	146	10.4	31.9	33.4	13.5	10.8	1.3	11.0	442.2	463.6	451.2	467.2	441.2	513.2	447.5
Chinese Taipei	239	233	7.7	23.1	27.2	19.3	22.6	3.3	0.0	588.9	572.0	577.6	555.8	573.3	567.0	.
Cote d'Ivoire	372	175	0.0	0.0	0.6	0.4	99.0	1.7	51.6	.	.	169.8	160.6	182.9	181.2	183.4
Cyprus	775	660	2.9	8.5	7.1	8.0	73.5	1.2	13.2	506.1	494.2	466.3	467.1	457.1	466.8	471.4
Czech Republic	1348	1243	1.4	13.5	41.9	27.5	15.7	1.2	6.4	535.9	528.3	527.2	524.4	528.2	542.1	528.7
England	262	114	3.4	11.0	15.5	23.1	47.0	3.2	39.8	567.4	561.5	532.9	537.9	517.7	557.2	529.5
Finland	1239	1175	2.6	24.3	53.0	16.8	3.3	1.6	2.9	546.4	533.9	530.5	524.9	536.0	523.1	523.3
France	379	326	2.9	9.4	27.9	20.2	39.5	0.7	11.9	480.0	492.8	489.9	494.5	483.1	478.3	472.4
Georgia	936	915	12.5	35.5	21.8	6.1	24.1	1.6	0.1	447.1	448.6	453.9	453.8	439.3	451.7	497.7
Hong Kong SAR	185	115	8.5	15.3	43.3	16.6	16.2	1.3	34.9	566.0	533.1	527.7	535.0	527.4	481.5	519.7
Hungary	1086	885	5.2	22.0	38.6	20.5	13.7	1.3	15.8	510.0	528.5	519.4	529.3	516.1	502.4	518.9
Iran, Islamic Rep. of	224	218	11.0	23.7	19.3	10.8	35.2	2.6	0.0	421.1	444.3	413.7	450.8	391.5	459.8	.
Ireland	440	385	5.0	19.5	32.5	26.1	16.9	0.7	11.5	531.0	513.1	532.9	536.2	527.4	491.4	520.0
Israel	265	240	6.6	18.2	34.0	14.9	26.3	2.0	6.8	469.8	500.9	491.3	484.5	458.1	452.3	472.1
Italy	236	229	5.3	18.1	25.2	9.1	42.2	0.0	2.9	500.0	492.7	500.8	493.7	506.2	.	491.0
Japan	147	142	7.1	27.1	34.7	31.1	0.0	1.1	1.7	573.7	563.7	551.3	553.5	.	556.5	559.5
Jordan	225	218	5.8	15.6	10.4	3.6	64.6	2.7	0.0	396.0	405.9	425.8	469.1	410.3	419.1	.
Kazakhstan	1209	1153	44.6	34.9	9.2	2.5	8.9	2.7	1.4	439.5	446.8	456.4	456.7	425.9	448.1	422.9
Korea, Rep. of	243	237	11.1	26.7	37.3	21.3	3.6	0.0	2.8	551.6	548.1	544.8	539.3	557.1	.	535.1
Kuwait	157	149	15.7	18.8	12.0	5.1	48.5	4.0	1.1	403.1	443.5	438.1	449.3	409.7	415.0	372.6
Lithuania	1096	920	5.7	27.9	36.2	16.9	13.3	1.8	12.4	524.3	516.7	518.7	519.4	521.1	532.9	520.1
Malaysia	313	312	2.4	8.4	7.8	3.7	77.7	0.4	0.0	440.5	445.1	458.3	411.7	421.3	452.8	.
Malta	466	363	3.1	6.2	6.0	10.0	74.7	2.3	17.0	512.5	501.0	548.9	524.9	500.4	487.3	479.1
Morocco	511	487	3.8	1.9	4.0	3.3	87.0	0.8	2.2	415.4	350.3	361.3	347.2	320.3	269.1	346.5
New Zealand	211	134	12.6	31.3	34.1	14.9	7.1	0.9	39.3	510.2	506.6	478.2	497.3	552.0	381.6	508.4
Norway (9)	310	230	4.5	32.6	53.6	9.3	0.0	0.9	23.2	491.7	490.4	492.1	486.9	.	519.0	478.4
Oman	284	279	9.5	10.4	4.9	3.5	71.8	0.5	0.9	482.4	461.9	464.9	479.0	449.5	440.8	472.5
Palestinian Nat'l Auth.	199	188	4.8	13.4	8.9	3.6	69.2	2.0	2.9	399.4	410.4	399.6	380.2	389.5	395.8	374.9
Portugal	521	486	4.8	14.0	36.2	32.6	12.4	1.3	5.1	517.9	500.9	504.1	508.6	502.3	528.1	499.9
Qatar	242	233	16.2	21.7	14.4	2.1	45.6	0.3	1.8	493.6	463.9	487.3	518.7	480.7	539.6	485.4
Romania	429	304	14.9	33.6	30.9	6.4	14.2	2.9	25.3	464.3	477.1	470.2	482.6	463.8	460.5	451.5
Saudi Arabia	214	193	14.1	9.3	6.3	2.8	67.5	4.4	5.0	443.6	412.3	408.8	408.5	417.5	409.1	413.4
Singapore	345	345	6.8	18.4	32.9	41.9	0.0	0.0	0.0	645.8	602.4	603.9	603.1	.	.	.
South Africa (9)	288	214	1.6	2.8	5.2	6.3	84.1	1.3	29.4	364.2	520.6	411.0	421.9	354.0	311.0	355.8
Sweden	814	679	6.6	41.2	37.2	14.3	0.7	1.6	14.3	549.1	520.3	519.6	526.6	500.8	536.4	511.8
Turkiye	189	186	37.4	23.9	9.7	4.1	24.9	1.5	0.0	536.2	528.8	544.2	529.9	515.4	513.3	.
United Arab Emirates	1614	1348	44.0	33.6	9.7	3.4	9.4	1.4	12.8	481.2	482.3	491.0	501.3	494.4	489.4	498.5
United States	672	551	25.1	34.7	26.6	10.7	2.9	0.8	10.5	510.3	518.7	513.1	507.7	557.6	508.5	506.1
Uzbekistan	668	642	33.0	28.0	4.5	2.3	32.2	2.6	1.4	398.4	395.5	396.7	397.3	392.5	402.7	387.5
International Avg. (44)	23553	20305	11.0	20.5	22.2	12.7	33.7	1.7	11.0	489.4	487.6	477.0	478.3	462.8	461.1	465.4
Abu Dhabi, UAE	597	488	41.2	33.4	12.4	4.3	8.6	1.3	13.5	431.4	431.2	451.6	479.1	500.7	436.5	454.5
Dubai, UAE	432	359	48.1	37.7	9.6	3.3	1.3	1.3	11.7	543.8	550.2	564.3	578.5	507.5	516.5	537.7
Sharjah, UAE	307	253	41.3	31.8	8.8	1.8	16.2	1.4	15.4	497.1	486.4	474.4	474.8	500.4	520.4	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Play games involving science concepts
Location: TQS-20Dc (BTBS20DC)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	491	13.7	39.8	29.1	13.2	4.1	2.5	35.0	530.9	528.1	526.9	520.4	473.0	516.0	512.0
Austria	889	777	2.4	18.8	29.9	19.3	29.5	2.1	10.7	491.2	509.0	510.7	520.7	518.1	488.2	497.8
Azerbaijan	1140	892	9.7	14.5	9.7	4.0	62.2	5.9	14.1	410.1	417.6	416.5	428.0	408.8	397.9	414.9
Bahrain	223	217	26.7	20.4	14.6	1.1	37.1	3.2	0.0	455.5	451.0	448.2	589.3	448.6	432.7	.
Brazil	916	870	8.2	18.5	19.6	10.9	42.8	1.7	4.2	427.2	451.4	419.0	420.0	405.0	378.9	441.0
Chile	168	146	10.3	26.2	35.2	17.5	10.8	1.3	11.0	437.3	453.4	464.6	458.8	441.2	513.2	447.5
Chinese Taipei	239	231	4.8	21.9	28.3	22.1	22.9	4.6	0.0	574.9	571.2	571.6	567.7	573.3	584.9	.
Cote d'Ivoire	372	175	0.0	0.0	0.4	0.6	99.0	1.7	51.6	.	.	160.6	169.8	182.9	181.2	183.4
Cyprus	775	660	3.3	7.0	11.5	4.8	73.5	1.2	13.2	496.0	503.6	472.8	450.3	457.1	466.8	471.4
Czech Republic	1348	1245	6.0	18.4	33.1	26.7	15.7	1.2	6.4	525.0	525.7	521.5	533.8	528.2	546.2	528.7
England	262	115	2.2	9.4	21.6	20.3	46.5	2.5	39.8	514.1	521.0	551.3	548.7	517.7	557.6	529.5
Finland	1239	1177	3.3	27.5	46.2	19.7	3.3	1.1	2.9	535.7	534.3	528.7	529.1	536.0	537.1	523.3
France	379	326	0.6	5.4	26.7	27.7	39.5	0.7	11.9	427.3	491.3	492.2	492.1	483.1	478.3	472.4
Georgia	936	909	5.1	24.5	28.7	17.5	24.2	2.4	0.1	448.6	452.7	448.8	450.5	439.4	445.8	497.7
Hong Kong SAR	185	114	10.2	27.3	36.4	9.7	16.4	2.0	34.9	529.0	553.8	523.9	515.5	527.4	521.9	519.7
Hungary	1086	884	9.5	32.4	33.9	10.6	13.7	1.5	15.8	519.9	522.9	521.8	533.2	516.1	510.2	518.9
Iran, Islamic Rep. of	224	219	10.6	20.1	22.3	11.9	35.1	2.2	0.0	427.9	430.5	436.5	432.3	391.5	461.2	.
Ireland	440	385	7.8	25.6	32.1	17.6	16.9	0.7	11.5	532.9	519.8	532.0	536.1	527.4	491.4	520.0
Israel	265	240	11.1	28.9	26.5	7.3	26.3	2.0	6.8	501.7	480.9	503.6	463.2	458.1	452.3	472.1
Italy	236	229	3.9	16.4	27.8	9.7	42.2	0.0	2.9	515.5	491.5	495.1	504.6	506.2	.	491.0
Japan	147	142	1.4	10.1	15.4	73.1	0.0	1.1	1.7	561.5	572.1	554.4	555.3	.	556.5	559.5
Jordan	225	220	10.1	13.5	7.6	4.9	64.0	1.9	0.0	398.8	422.5	414.8	443.1	410.3	412.1	.
Kazakhstan	1209	1151	34.6	39.1	13.2	4.2	8.9	2.9	1.4	433.4	443.5	465.0	481.2	425.9	446.7	422.9
Korea, Rep. of	243	236	9.4	25.4	36.9	24.7	3.6	0.2	2.8	538.0	544.2	548.1	544.8	557.1	553.2	535.1
Kuwait	157	151	20.3	19.7	7.4	4.6	47.9	2.8	1.1	424.6	438.9	426.2	431.2	409.7	403.4	372.6
Lithuania	1096	918	5.5	22.1	37.6	21.4	13.3	1.9	12.4	512.8	514.7	519.1	523.4	521.1	527.9	520.1
Malaysia	313	312	3.6	8.8	7.9	2.0	77.7	0.4	0.0	451.2	446.0	429.0	478.3	421.3	452.8	.
Malta	466	364	2.1	6.0	10.4	7.0	74.4	1.9	17.0	462.0	530.5	526.3	529.5	500.4	486.5	479.1
Morocco	511	489	1.3	1.2	3.1	7.7	86.7	0.5	2.2	399.0	324.5	376.8	368.9	320.3	263.1	346.5
New Zealand	211	134	19.0	31.9	28.6	13.4	7.1	0.9	39.3	516.5	506.2	478.0	475.6	552.0	381.6	508.4
Norway (9)	310	230	1.7	17.5	53.8	27.0	0.0	0.9	23.2	526.0	489.4	490.5	491.2	.	519.0	478.4
Oman	284	279	10.5	5.8	9.6	2.4	71.8	0.5	0.9	468.0	482.4	464.9	486.0	449.5	440.8	472.5
Palestinian Nat'l Auth.	199	189	7.6	12.0	8.0	3.5	68.9	1.5	2.9	409.4	403.7	396.4	381.7	389.5	419.2	374.9
Portugal	521	486	7.4	28.6	37.4	14.2	12.4	1.3	5.1	502.5	506.4	505.6	508.2	502.3	528.1	499.9
Qatar	242	233	23.2	24.2	5.5	1.5	45.6	0.3	1.8	463.5	494.3	482.5	531.0	480.7	539.6	485.4
Romania	429	306	16.7	30.7	31.5	6.9	14.2	2.6	25.3	463.2	475.5	473.5	477.6	463.8	465.3	451.5
Saudi Arabia	214	194	15.5	10.0	6.3	1.1	67.1	3.9	5.0	447.7	410.2	387.6	401.3	417.5	419.8	413.4
Singapore	345	345	19.5	32.5	35.4	12.6	0.0	0.0	0.0	569.4	601.4	624.2	624.6	.	.	.
South Africa (9)	288	214	0.8	3.6	3.0	8.4	84.1	1.3	29.4	372.4	453.2	484.0	405.5	354.0	311.0	355.8
Sweden	814	675	7.7	24.2	33.1	34.4	0.7	2.3	14.3	523.9	513.4	527.7	525.6	500.8	520.3	511.8
Turkiye	189	185	32.5	29.9	11.1	1.4	25.1	2.4	0.0	531.4	539.3	536.5	493.0	515.4	519.3	.
United Arab Emirates	1614	1340	50.9	28.0	9.7	2.0	9.5	2.1	12.8	456.1	514.0	527.3	543.7	494.4	481.5	498.5
United States	672	550	31.5	37.3	20.1	8.1	2.9	1.0	10.5	505.3	519.6	516.8	514.2	557.6	494.1	506.1
Uzbekistan	668	641	41.2	21.7	3.3	1.5	32.3	2.8	1.4	398.0	396.8	389.8	369.0	392.5	413.1	387.5
International Avg. (44)	23553	20286	11.9	20.2	21.6	12.7	33.6	1.8	11.0	479.9	487.3	479.3	482.9	462.8	464.7	465.4
Abu Dhabi, UAE	597	488	56.5	21.8	10.5	2.7	8.6	1.2	13.5	406.7	471.4	495.5	540.6	500.7	444.9	454.5
Dubai, UAE	432	360	38.0	44.8	13.3	2.7	1.3	1.2	11.7	527.9	558.4	577.5	564.9	507.5	511.9	537.7
Sharjah, UAE	307	248	54.4	22.6	6.1	0.3	16.6	3.3	15.4	485.0	495.7	509.2	611.6	500.4	503.4	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Conduct virtual experiments or other simulations
Location: TQS-20Dd (BTBS20DD)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	489	13.8	39.7	33.8	8.6	4.1	3.0	35.0	524.1	531.3	526.4	516.0	473.0	516.5	512.0
Austria	889	777	2.1	14.1	25.4	28.8	29.6	2.3	10.7	472.6	512.2	511.9	515.7	518.1	488.8	497.8
Azerbaijan	1140	890	12.1	15.9	6.9	3.2	61.9	6.0	14.1	408.4	415.8	418.2	440.1	409.0	399.2	414.9
Bahrain	223	217	21.9	27.6	11.6	1.8	37.1	3.1	0.0	466.3	442.8	464.2	433.6	448.6	434.0	.
Brazil	916	872	8.9	16.0	21.2	11.2	42.8	1.5	4.2	423.0	442.4	431.4	418.4	405.0	379.1	441.0
Chile	168	146	10.4	26.9	32.9	19.0	10.8	1.3	11.0	447.9	453.3	461.0	460.3	441.2	513.2	447.5
Chinese Taipei	239	232	7.5	23.8	28.4	17.7	22.7	3.4	0.0	572.9	574.1	575.7	559.2	573.3	577.6	.
Cote d'Ivoire	372	175	0.0	0.4	0.6	0.0	99.0	1.7	51.6	.	160.6	169.8	.	182.9	181.2	183.4
Cyprus	775	660	4.0	7.2	8.5	6.8	73.5	1.2	13.2	462.4	486.8	482.6	479.1	457.1	466.8	471.4
Czech Republic	1348	1241	2.7	12.6	30.0	39.1	15.7	1.3	6.4	518.3	523.6	524.5	529.6	528.2	543.3	528.7
England	262	114	1.3	13.3	26.9	11.7	46.8	3.0	39.8	511.4	540.0	544.2	546.7	517.7	560.9	529.5
Finland	1239	1175	1.9	19.2	38.7	36.8	3.3	1.2	2.9	544.4	529.5	530.5	530.6	536.0	534.7	523.3
France	379	325	2.3	12.9	32.0	13.1	39.7	1.0	11.9	499.1	486.1	493.5	490.0	483.1	484.5	472.4
Georgia	936	908	10.3	26.8	29.0	9.6	24.2	2.4	0.1	444.3	451.8	450.2	452.6	439.4	450.9	497.7
Hong Kong SAR	185	115	8.6	26.4	36.7	12.1	16.2	1.3	34.9	535.9	560.4	518.5	522.4	527.4	481.5	519.7
Hungary	1086	884	9.5	25.5	33.4	17.8	13.7	1.4	15.8	528.2	520.9	522.1	527.3	516.1	504.6	518.9
Iran, Islamic Rep. of	224	219	14.5	25.1	17.8	7.5	35.1	2.2	0.0	434.2	424.0	440.5	438.1	391.5	461.2	.
Ireland	440	385	2.9	19.9	40.1	20.2	16.9	0.7	11.5	483.3	516.2	535.4	536.2	527.4	491.4	520.0
Israel	265	239	17.9	27.6	21.9	6.2	26.4	2.3	6.8	502.8	493.6	489.3	449.9	458.1	443.4	472.1
Italy	236	229	3.4	17.8	23.6	13.0	42.2	0.0	2.9	504.7	487.0	501.1	501.4	506.2	.	491.0
Japan	147	142	0.5	12.0	25.6	61.9	0.0	1.1	1.7	532.5	568.7	566.8	550.8	.	556.5	559.5
Jordan	225	219	6.4	14.8	9.4	5.0	64.4	2.5	0.0	394.0	424.0	401.8	452.3	410.3	418.0	.
Kazakhstan	1209	1147	34.5	37.8	15.8	3.1	8.9	3.1	1.4	438.6	443.9	455.1	463.8	425.9	445.8	422.9
Korea, Rep. of	243	236	12.1	27.1	42.6	14.5	3.6	0.4	2.8	541.1	551.9	545.1	536.3	557.1	561.7	535.1
Kuwait	157	150	26.9	13.6	7.3	4.1	48.2	3.3	1.1	428.0	431.1	421.6	462.3	409.7	410.6	372.6
Lithuania	1096	917	5.0	24.7	37.6	19.5	13.3	2.0	12.4	518.9	515.2	519.8	520.9	521.1	525.7	520.1
Malaysia	313	312	2.1	8.3	8.8	3.1	77.7	0.4	0.0	438.3	457.6	438.9	423.6	421.3	452.8	.
Malta	466	363	3.0	9.0	8.1	5.2	74.6	2.1	17.0	494.9	519.4	524.0	541.9	500.4	492.0	479.1
Morocco	511	489	4.2	1.7	3.5	4.0	86.7	0.5	2.2	402.0	351.2	358.9	352.3	320.3	263.1	346.5
New Zealand	211	134	6.1	27.3	43.6	15.9	7.1	0.9	39.3	491.5	516.4	488.2	479.2	552.0	381.6	508.4
Norway (9)	310	229	1.3	23.3	48.7	26.7	0.0	1.2	23.2	500.2	492.1	490.5	490.5	.	517.4	478.4
Oman	284	277	13.2	9.1	4.2	1.0	72.5	1.4	0.9	471.5	470.4	486.6	487.9	449.5	410.9	472.5
Palestinian Nat'l Auth.	199	189	9.4	12.7	5.6	3.4	68.9	1.5	2.9	412.5	402.3	392.6	375.4	389.5	419.2	374.9
Portugal	521	485	10.3	22.5	38.9	15.9	12.3	1.4	5.1	503.1	507.6	506.3	505.0	502.9	521.3	499.9
Qatar	242	233	24.0	22.7	6.4	1.3	45.6	0.3	1.8	471.2	476.6	511.5	591.0	480.7	539.6	485.4
Romania	429	305	22.4	33.5	25.5	4.3	14.2	2.9	25.3	465.1	475.1	475.7	464.4	463.8	475.0	451.5
Saudi Arabia	214	194	19.5	9.4	3.5	0.5	67.1	3.9	5.0	437.8	392.9	427.7	395.0	417.5	419.8	413.4
Singapore	345	345	9.0	36.9	46.4	7.7	0.0	0.0	0.0	592.4	603.9	608.8	617.1	.	.	.
South Africa (9)	288	214	1.3	5.0	5.4	4.1	84.1	1.3	29.4	327.3	469.9	423.2	420.7	354.0	311.0	355.8
Sweden	814	674	3.0	29.9	46.5	19.8	0.7	3.4	14.3	531.6	523.6	523.3	519.5	500.8	528.2	511.8
Turkiye	189	185	35.7	28.6	8.2	2.5	25.0	1.8	0.0	528.1	543.4	536.7	517.6	515.4	516.9	.
United Arab Emirates	1614	1349	52.7	29.3	7.4	1.2	9.4	1.4	12.8	470.6	496.5	522.6	500.5	494.4	475.1	498.5
United States	672	551	26.7	46.4	20.0	4.0	2.9	0.8	10.5	512.8	516.1	513.4	494.5	557.6	508.5	506.1
Uzbekistan	668	643	26.9	31.0	7.5	2.4	32.2	2.5	1.4	399.3	397.1	391.9	384.8	392.5	405.7	387.5
International Avg. (44)	23553	20274	11.6	20.8	22.2	11.7	33.7	1.8	11.0	478.8	479.5	480.0	485.9	462.8	463.6	465.4
Abu Dhabi, UAE	597	490	53.6	27.6	9.0	1.3	8.5	0.7	13.5	422.5	436.1	519.0	438.7	500.7	437.3	454.5
Dubai, UAE	432	359	50.4	38.5	7.9	1.9	1.3	1.7	11.7	538.2	563.5	565.3	554.5	507.5	466.6	537.7
Sharjah, UAE	307	252	50.5	25.5	6.7	1.1	16.2	1.5	15.4	486.1	498.5	488.9	497.5	500.4	514.2	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Read the textbook or watch instructional videos
Location: TQS-20De (BTBS20DE)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	491	48.2	24.1	15.4	8.2	4.1	2.5	35.0	534.6	521.6	511.2	529.3	473.0	516.0	512.0
Austria	889	778	16.7	28.6	16.1	9.1	29.5	2.1	10.7	502.6	509.1	519.8	527.1	518.1	488.0	497.8
Azerbaijan	1140	897	27.1	8.2	2.9	0.2	61.5	5.5	14.1	414.7	415.5	420.7	437.5	409.0	400.7	414.9
Bahrain	223	218	47.6	9.4	5.9	0.2	36.9	2.7	0.0	453.6	439.6	479.7	606.2	448.6	435.2	.
Brazil	916	870	27.2	19.1	7.1	3.8	42.8	1.7	4.2	433.7	435.9	414.6	415.0	405.0	377.4	441.0
Chile	168	145	39.4	35.4	7.6	6.8	10.8	1.3	11.0	456.0	456.2	460.9	462.6	441.2	512.3	447.5
Chinese Taipei	239	236	29.1	22.7	19.8	6.1	22.2	1.5	0.0	568.5	573.0	571.5	575.6	573.3	586.9	.
Cote d'Ivoire	372	175	0.0	1.0	0.0	0.0	99.0	1.7	51.6	.	166.1	.	.	182.9	181.2	183.4
Cyprus	775	659	10.1	6.4	6.2	3.8	73.6	1.3	13.2	495.8	454.5	467.5	500.7	457.1	466.1	471.4
Czech Republic	1348	1247	19.3	31.5	26.4	7.1	15.6	1.0	6.4	520.0	527.8	530.2	527.1	528.2	538.1	528.7
England	262	115	9.5	14.5	17.3	12.3	46.5	2.5	39.8	514.8	556.0	553.1	537.5	517.7	557.6	529.5
Finland	1239	1177	24.0	28.2	28.4	16.1	3.3	1.1	2.9	525.8	530.1	533.5	533.6	536.0	536.9	523.3
France	379	327	11.4	19.3	20.7	9.1	39.5	0.6	11.9	492.7	488.3	492.1	492.8	483.1	501.4	472.4
Georgia	936	917	24.9	31.2	17.9	2.0	24.0	1.5	0.1	449.9	450.7	450.8	448.8	439.4	443.6	497.7
Hong Kong SAR	185	114	22.3	25.6	29.0	6.7	16.4	2.2	34.9	514.8	551.3	533.2	527.7	527.4	519.0	519.7
Hungary	1086	887	23.5	34.2	23.9	4.8	13.7	1.2	15.8	527.6	519.9	525.0	521.8	516.1	498.7	518.9
Iran, Islamic Rep. of	224	218	31.1	18.9	13.5	1.3	35.3	2.7	0.0	424.6	437.1	444.7	421.5	391.5	458.1	.
Ireland	440	384	15.9	30.3	18.3	18.5	17.0	1.0	11.5	523.1	528.8	530.3	533.9	527.4	502.1	520.0
Israel	265	240	33.7	23.7	14.5	1.8	26.4	2.2	6.8	496.8	481.9	497.5	441.4	458.1	444.2	472.1
Italy	236	229	25.5	22.3	9.4	0.5	42.2	0.0	2.9	498.3	491.6	507.0	494.6	506.2	.	491.0
Japan	147	142	35.0	29.7	15.8	19.5	0.0	1.1	1.7	556.8	557.3	562.8	551.9	.	556.5	559.5
Jordan	225	219	14.3	13.1	5.0	3.1	64.4	2.5	0.0	419.4	405.2	417.6	451.2	410.3	418.0	.
Kazakhstan	1209	1148	66.4	20.7	3.3	0.7	8.9	3.1	1.4	444.2	445.7	437.6	430.5	425.9	454.2	422.9
Korea, Rep. of	243	237	34.7	23.7	21.9	16.1	3.6	0.0	2.8	543.7	545.0	546.1	547.8	557.1	.	535.1
Kuwait	157	151	44.7	5.0	0.9	1.4	47.9	2.8	1.1	426.8	434.2	594.4	437.0	409.7	403.4	372.6
Lithuania	1096	919	28.3	36.7	17.3	4.5	13.3	1.9	12.4	519.4	516.7	519.5	526.8	521.1	528.0	520.1
Malaysia	313	312	9.5	8.6	3.0	1.1	77.7	0.4	0.0	467.9	421.7	433.5	434.2	421.3	452.8	.
Malta	466	364	8.1	8.5	6.0	3.0	74.4	1.9	17.0	515.5	519.8	524.0	548.7	500.4	486.5	479.1
Morocco	511	489	5.3	3.0	3.0	1.9	86.7	0.5	2.2	373.4	340.0	409.7	340.9	320.3	263.1	346.5
New Zealand	211	134	27.2	34.5	18.6	12.6	7.1	0.9	39.3	510.3	489.6	504.3	464.3	552.0	381.6	508.4
Norway (9)	310	230	45.7	43.0	8.9	2.4	0.0	0.9	23.2	491.0	491.2	489.5	497.6	.	519.0	478.4
Oman	284	278	19.2	5.8	2.8	0.0	72.1	1.0	0.9	481.8	457.9	442.9	.	449.5	414.0	472.5
Palestinian Nat'l Auth.	199	189	16.2	11.4	1.8	1.7	68.9	1.5	2.9	409.6	398.1	382.8	353.8	389.5	419.2	374.9
Portugal	521	485	37.8	21.6	17.0	11.3	12.3	1.4	5.1	507.4	507.3	500.8	507.1	502.9	521.3	499.9
Qatar	242	233	40.1	11.8	2.1	0.4	45.6	0.3	1.8	468.1	514.2	531.2	540.4	480.7	539.6	485.4
Romania	429	307	40.6	27.4	15.1	2.8	14.1	2.3	25.3	473.6	468.5	478.2	464.6	463.8	465.6	451.5
Saudi Arabia	214	194	28.1	3.1	1.2	0.5	67.1	3.9	5.0	429.6	378.2	403.8	395.0	417.5	419.8	413.4
Singapore	345	345	37.3	45.5	14.4	2.8	0.0	0.0	0.0	612.8	601.9	592.4	659.3	.	.	.
South Africa (9)	288	214	6.7	3.9	3.2	2.0	84.1	1.3	29.4	432.9	460.5	396.6	413.5	354.0	311.0	355.8
Sweden	814	679	57.8	26.3	8.8	6.4	0.7	1.6	14.3	520.7	525.4	519.9	536.2	500.8	536.4	511.8
Turkiye	189	186	52.1	19.9	2.8	0.4	24.9	1.5	0.0	526.3	558.5	527.5	454.0	515.4	513.3	.
United Arab Emirates	1614	1349	76.6	10.1	3.3	0.7	9.4	1.4	12.8	479.1	502.2	514.6	556.1	494.4	483.1	498.5
United States	672	551	53.3	27.7	12.0	4.0	2.9	0.8	10.5	510.1	518.0	528.4	488.9	557.6	508.5	506.1
Uzbekistan	668	641	48.2	16.5	2.6	0.4	32.3	2.8	1.4	400.9	388.1	384.5	376.2	392.5	403.8	387.5
International Avg. (44)	23553	20320	30.0	20.3	11.2	5.0	33.6	1.6	11.0	485.3	476.8	490.4	488.3	462.8	462.5	465.4
Abu Dhabi, UAE	597	490	75.5	11.5	3.9	0.6	8.5	0.7	13.5	430.0	455.6	482.3	558.6	500.7	437.3	454.5
Dubai, UAE	432	359	81.5	12.0	3.9	1.4	1.3	1.5	11.7	546.7	559.3	580.9	564.8	507.5	494.4	537.7
Sharjah, UAE	307	253	71.8	8.9	3.0	0.0	16.2	1.4	15.4	488.0	510.6	481.1	.	500.4	520.4	533.2

Question: How often do you ask the students in your class to use digital devices to do these science activities? Take a test
Location: TQS-20Df (BTBS20DF)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	491	10.0	31.1	33.7	21.1	4.1	2.5	35.0	520.8	531.5	532.1	515.6	473.0	516.0	512.0
Austria	889	778	1.2	9.4	23.9	35.9	29.5	2.1	10.7	500.8	499.8	505.8	520.3	518.1	488.0	497.8
Azerbaijan	1140	898	21.0	14.1	2.6	0.8	61.6	5.6	14.1	414.5	415.6	413.8	460.6	409.0	399.1	414.9
Bahrain	223	218	17.4	37.6	5.7	2.4	36.9	2.7	0.0	470.2	440.2	475.1	514.9	448.6	435.2	.
Brazil	916	872	11.3	26.4	12.6	6.9	42.8	1.5	4.2	418.3	440.3	427.7	419.4	405.0	379.1	441.0
Chile	168	146	6.4	34.7	24.4	23.6	10.8	1.3	11.0	416.4	456.4	470.6	455.0	441.2	513.2	447.5
Chinese Taipei	239	231	5.7	14.9	21.6	34.9	22.9	4.4	0.0	580.0	553.5	575.2	577.5	573.3	554.8	.
Cote d'Ivoire	372	175	0.0	0.0	1.0	0.0	99.0	1.7	51.6	.	.	166.1	.	182.9	181.2	183.4
Cyprus	775	660	1.4	4.7	10.6	9.7	73.5	1.2	13.2	526.6	485.5	483.3	466.2	457.1	466.8	471.4
Czech Republic	1348	1242	3.8	24.6	32.3	23.6	15.7	1.4	6.4	516.5	527.5	524.0	531.2	528.2	535.0	528.7
England	262	115	2.1	17.3	16.9	17.1	46.5	2.5	39.8	546.2	529.8	544.4	556.0	517.7	557.6	529.5
Finland	1239	1177	2.9	10.7	42.5	40.5	3.3	1.1	2.9	536.7	524.6	532.6	529.6	536.0	536.9	523.3
France	379	327	6.2	18.1	17.5	18.7	39.5	0.6	11.9	473.3	494.8	497.4	487.5	483.1	501.4	472.4
Georgia	936	912	12.2	26.9	24.5	12.2	24.2	2.2	0.1	449.5	448.5	451.9	452.4	439.4	446.7	497.7
Hong Kong SAR	185	115	6.4	25.3	26.5	25.6	16.2	1.3	34.9	531.2	525.0	553.0	524.1	527.4	481.5	519.7
Hungary	1086	885	3.6	15.8	35.3	31.7	13.7	1.4	15.8	523.4	524.8	516.4	530.5	516.1	507.3	518.9
Iran, Islamic Rep. of	224	218	17.4	26.4	15.2	5.8	35.3	2.6	0.0	426.6	432.9	439.2	434.5	391.5	447.0	.
Ireland	440	384	2.4	21.6	28.0	31.0	16.9	0.8	11.5	522.5	529.1	522.0	536.3	527.4	492.8	520.0
Israel	265	241	5.6	17.3	34.2	16.7	26.3	1.8	6.8	457.3	487.4	504.1	476.1	458.1	453.1	472.1
Italy	236	229	3.1	22.7	14.3	17.7	42.2	0.0	2.9	484.1	491.0	496.5	507.5	506.2	.	491.0
Japan	147	142	3.6	21.9	22.9	51.6	0.0	1.1	1.7	557.3	553.6	556.1	558.7	.	556.5	559.5
Jordan	225	218	10.2	14.9	5.4	5.0	64.5	2.7	0.0	423.4	402.6	397.8	466.3	410.3	416.6	.
Kazakhstan	1209	1151	48.9	36.3	5.0	0.9	8.9	3.0	1.4	447.3	439.5	443.0	506.1	425.9	445.8	422.9
Korea, Rep. of	243	236	3.5	21.9	24.9	46.1	3.6	0.3	2.8	543.6	546.7	544.6	545.0	557.1	558.3	535.1
Kuwait	157	149	17.8	21.4	5.9	7.2	47.8	4.0	1.1	428.1	424.0	439.1	449.4	410.4	402.9	372.6
Lithuania	1096	917	11.0	47.6	21.1	7.0	13.3	1.9	12.4	511.1	518.8	522.9	516.5	521.1	528.8	520.1
Malaysia	313	311	1.8	7.3	9.7	3.1	78.0	0.7	0.0	449.3	450.6	442.4	432.7	421.3	429.7	.
Malta	466	364	1.1	4.6	10.1	9.8	74.4	1.9	17.0	477.7	523.9	512.3	538.0	500.4	486.5	479.1
Morocco	511	487	0.4	5.1	1.4	5.9	87.2	1.0	2.2	359.8	362.6	362.7	380.4	320.3	307.2	346.5
New Zealand	211	134	4.2	21.0	46.9	20.8	7.1	0.9	39.3	555.0	502.8	490.9	484.9	552.0	381.6	508.4
Norway (9)	310	230	0.5	18.1	69.9	11.6	0.0	0.9	23.2	483.1	498.3	489.5	489.9	.	519.0	478.4
Oman	284	279	6.0	9.2	8.1	4.9	71.8	0.5	0.9	504.4	447.6	478.7	463.4	449.5	440.8	472.5
Palestinian Nat'l Auth.	199	189	8.0	14.6	5.3	3.3	68.9	1.5	2.9	396.1	410.4	377.5	405.7	389.5	419.2	374.9
Portugal	521	485	2.1	20.8	39.6	25.3	12.3	1.4	5.1	504.8	504.3	506.4	507.0	502.9	521.3	499.9
Qatar	242	234	20.3	23.6	8.1	2.5	45.5	0.2	1.8	461.2	470.9	537.4	557.7	480.7	528.5	485.4
Romania	429	306	5.8	39.0	33.9	7.2	14.2	2.5	25.3	466.6	468.2	477.3	481.2	463.8	459.7	451.5
Saudi Arabia	214	194	21.9	8.8	2.2	0.0	67.1	3.9	5.0	430.5	406.6	418.4	.	417.5	419.8	413.4
Singapore	345	345	9.0	31.7	28.7	30.5	0.0	0.0	0.0	586.3	596.9	614.0	614.3	.	.	.
South Africa (9)	288	214	2.3	5.1	1.7	6.8	84.1	1.3	29.4	443.0	454.8	344.6	427.3	354.0	311.0	355.8
Sweden	814	679	3.6	32.1	48.1	15.5	0.7	1.6	14.3	538.2	522.1	524.3	516.5	500.8	536.4	511.8
Turkiye	189	186	53.0	16.3	4.2	1.6	24.9	1.5	0.0	533.8	546.3	512.7	497.1	515.4	513.3	.
United Arab Emirates	1614	1350	53.5	28.2	6.5	2.5	9.4	1.4	12.8	476.4	479.5	533.4	550.0	494.4	486.1	498.5
United States	672	551	24.5	51.2	11.2	10.2	2.9	0.8	10.5	506.0	513.5	513.1	534.8	557.6	508.5	506.1
Uzbekistan	668	643	42.1	22.4	2.7	0.6	32.2	2.5	1.4	394.7	399.6	404.9	416.8	392.5	406.4	387.5
International Avg. (44)	23553	20308	11.3	21.0	19.2	14.9	33.6	1.7	11.0	483.5	483.3	479.0	496.1	462.9	463.7	465.4
Abu Dhabi, UAE	597	489	57.6	26.3	5.4	2.2	8.6	1.1	13.5	427.4	432.0	517.2	520.8	500.7	439.7	454.5
Dubai, UAE	432	360	50.0	32.9	11.5	4.4	1.3	1.2	11.7	546.6	543.0	569.3	577.1	507.5	511.9	537.7
Sharjah, UAE	307	253	50.9	26.9	4.2	1.7	16.2	1.4	15.4	498.1	479.1	453.4	520.4	500.4	520.4	533.2

Question: How much do each of these keep you from incorporating digital devices into science instruction? Not knowing how to use digital devices to improve student learning

Location: TQS-21a (BTB521A)

Country	Sample	Valid N	1.Not at all %	2.Some what %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some what Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	487	74.6	23.6	1.8	3.1	35.0	525.0	525.5	528.5	512.2	512.0
Austria	889	781	66.3	31.1	2.6	1.7	10.7	514.7	513.4	491.5	497.6	497.8
Azerbaijan	1140	897	37.3	47.9	14.7	4.8	14.1	412.6	411.6	404.9	407.4	414.9
Bahrain	223	219	81.0	18.3	0.6	2.2	0.0	454.7	437.2	434.0	471.0	.
Brazil	916	870	66.7	31.1	2.2	1.5	4.2	421.1	418.7	389.6	381.8	441.0
Chile	168	145	54.7	38.8	6.5	1.9	11.0	460.2	449.8	448.6	488.3	447.5
Chinese Taipei	239	212	43.6	50.5	5.8	12.5	0.0	569.3	575.8	517.8	587.4	.
Cote d'Ivoire	372	177	65.1	19.2	15.6	1.6	51.6	183.3	184.5	190.7	124.2	183.4
Cyprus	775	659	58.5	36.7	4.8	1.4	13.2	467.1	458.0	453.4	466.6	471.4
Czech Republic	1348	1241	65.2	33.0	1.7	1.3	6.4	527.6	525.7	531.3	527.9	528.7
England	262	113	69.4	28.6	2.0	4.1	39.8	524.3	544.7	507.3	570.5	529.5
Finland	1239	1179	58.9	38.4	2.7	1.1	2.9	531.1	531.7	509.4	541.3	523.3
France	379	326	57.4	33.8	8.8	0.7	11.9	486.7	488.8	495.0	478.3	472.4
Georgia	936	905	39.1	52.8	8.1	2.9	0.1	454.4	442.8	448.8	444.7	497.7
Hong Kong SAR	185	116	53.9	41.4	4.7	0.9	34.9	529.7	528.1	620.0	443.5	519.7
Hungary	1086	882	71.5	24.8	3.7	1.5	15.8	519.8	528.6	531.5	505.8	518.9
Iran, Islamic Rep. of	224	221	54.2	39.9	5.9	1.3	0.0	427.7	408.9	404.6	430.5	.
Ireland	440	383	63.2	34.1	2.7	2.3	11.5	526.1	532.3	546.8	520.0	520.0
Israel	265	241	80.5	17.2	2.3	2.3	6.8	489.6	447.6	450.3	474.6	472.1
Italy	236	226	75.9	22.9	1.2	0.8	2.9	498.1	507.5	538.6	525.6	491.0
Japan	147	143	35.9	52.1	12.0	0.4	1.7	558.8	557.0	551.9	522.7	559.5
Jordan	225	220	51.2	42.4	6.3	1.6	0.0	422.4	401.6	417.6	381.6	.
Kazakhstan	1209	1137	52.8	41.8	5.4	4.4	1.4	447.4	436.3	440.9	454.2	422.9
Korea, Rep. of	243	236	42.8	54.0	3.1	0.2	2.8	545.1	546.9	534.1	524.8	535.1
Kuwait	157	136	66.7	31.9	1.4	12.8	1.1	433.4	397.7	373.0	414.0	372.6
Lithuania	1096	920	47.2	44.8	8.1	1.5	12.4	525.9	513.2	512.5	520.8	520.1
Malaysia	313	313	63.8	34.6	1.6	0.0	0.0	431.3	418.1	409.7	.	.
Malta	466	361	65.6	30.4	4.0	3.0	17.0	510.5	497.4	512.3	481.3	479.1
Morocco	511	485	73.0	21.0	6.0	1.3	2.2	326.0	333.8	312.3	305.6	346.5
New Zealand	211	133	75.3	23.1	1.6	1.4	39.3	503.9	487.7	458.6	416.1	508.4
Norway (9)	310	230	51.5	46.0	2.5	0.9	23.2	492.2	489.3	498.7	519.0	478.4
Oman	284	277	63.8	30.5	5.7	1.5	0.9	460.7	443.6	461.3	461.9	472.5
Palestinian Nat'l Auth.	199	189	51.0	38.2	10.9	1.5	2.9	396.9	390.6	382.9	419.2	374.9
Portugal	521	486	70.5	28.0	1.5	1.3	5.1	505.5	507.3	491.0	512.6	499.9
Qatar	242	234	81.3	18.2	0.6	0.2	1.8	479.4	488.3	476.1	528.5	485.4
Romania	429	282	63.6	32.7	3.6	9.9	25.3	476.7	462.1	450.5	472.0	451.5
Saudi Arabia	214	192	65.4	31.4	3.3	4.6	5.0	425.4	410.0	380.5	425.6	413.4
Singapore	345	344	75.0	23.4	1.6	0.1	0.0	606.6	608.6	554.8	385.8	.
South Africa (9)	288	208	63.7	23.1	13.2	3.3	29.4	370.2	360.2	356.5	342.6	355.8
Sweden	814	678	66.8	28.1	5.1	2.1	14.3	521.3	525.2	531.3	526.5	511.8
Turkiye	189	188	45.7	43.3	11.0	0.9	0.0	544.6	513.8	531.2	498.9	.
United Arab Emirates	1614	1343	86.1	12.2	1.6	1.7	12.8	487.2	466.5	467.1	494.2	498.5
United States	672	552	78.7	19.4	1.9	1.0	10.5	514.5	514.6	530.6	533.6	506.1
Uzbekistan	668	643	41.7	44.2	14.2	2.6	1.4	397.4	394.8	394.9	392.4	387.5
International Avg. (44)	23553	20210	61.7	33.2	5.1	2.5	11.0	475.1	468.8	465.3	463.6	465.4
Abu Dhabi, UAE	597	487	83.2	14.9	1.9	1.5	13.5	442.9	433.5	458.2	441.6	454.5
Dubai, UAE	432	359	90.0	9.7	0.3	1.3	11.7	552.2	518.9	528.4	516.6	537.7
Sharjah, UAE	307	251	86.3	12.2	1.5	2.3	15.4	491.5	486.5	504.4	534.8	533.2

Question: How much do each of these keep you from incorporating digital devices into science instruction? Not enough access to digital devices
Location: TQS-21b (BTBS21B)

Country	Sample	Valid N	1.Not at all %	2.Some what %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some what Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	486	69.2	20.5	10.3	3.1	35.0	537.7	496.4	498.2	512.5	512.0
Austria	889	781	36.5	43.6	19.9	1.7	10.7	515.5	510.7	517.1	497.6	497.8
Azerbaijan	1140	900	13.6	44.7	41.7	4.9	14.1	410.9	412.0	410.2	405.9	414.9
Bahrain	223	219	38.6	36.5	24.8	2.2	0.0	473.6	443.8	428.0	471.0	.
Brazil	916	869	26.8	41.0	32.2	1.6	4.2	436.8	417.9	407.6	381.9	441.0
Chile	168	145	35.8	36.5	27.6	1.9	11.0	465.9	453.5	444.4	488.3	447.5
Chinese Taipei	239	212	64.7	24.1	11.2	12.5	0.0	570.9	574.6	551.6	587.4	.
Cote d'Ivoire	372	179	30.8	10.6	58.6	1.0	51.6	188.3	233.0	172.8	126.0	183.4
Cyprus	775	660	17.3	34.0	48.7	1.3	13.2	490.4	459.7	456.0	460.9	471.4
Czech Republic	1348	1246	37.7	47.3	15.0	0.9	6.4	531.1	523.3	527.6	539.8	528.7
England	262	114	23.0	28.2	48.7	3.3	39.8	556.1	516.3	525.8	576.0	529.5
Finland	1239	1178	71.0	21.0	8.0	1.1	2.9	529.2	532.2	541.2	535.7	523.3
France	379	326	31.3	36.4	32.3	0.7	11.9	496.4	489.0	479.2	478.3	472.4
Georgia	936	908	20.7	58.8	20.5	2.6	0.1	454.6	447.4	442.8	439.8	497.7
Hong Kong SAR	185	115	63.2	30.9	5.9	1.3	34.9	538.6	522.2	535.2	465.3	519.7
Hungary	1086	883	48.0	30.2	21.8	1.4	15.8	520.0	527.1	521.6	501.3	518.9
Iran, Islamic Rep. of	224	223	16.7	45.9	37.5	0.5	0.0	466.6	419.5	396.7	453.0	.
Ireland	440	382	40.9	35.5	23.6	2.4	11.5	529.2	523.0	536.9	519.7	520.0
Israel	265	239	42.7	35.1	22.2	2.9	6.8	489.3	484.5	462.5	469.2	472.1
Italy	236	226	34.5	41.8	23.7	0.9	2.9	499.1	504.1	498.2	493.4	491.0
Japan	147	143	46.9	43.4	9.6	0.4	1.7	558.5	556.8	551.6	522.7	559.5
Jordan	225	219	20.7	30.9	48.4	2.3	0.0	420.0	410.8	411.6	397.2	.
Kazakhstan	1209	1134	37.8	50.3	12.0	4.7	1.4	450.2	436.8	442.4	452.2	422.9
Korea, Rep. of	243	236	69.2	26.3	4.5	0.2	2.8	547.2	539.0	562.2	524.8	535.1
Kuwait	157	133	25.5	50.9	23.6	14.9	1.1	461.7	410.5	397.5	418.5	372.6
Lithuania	1096	917	25.1	46.8	28.0	1.8	12.4	521.2	516.1	522.4	519.4	520.1
Malaysia	313	313	20.4	47.6	32.0	0.0	0.0	450.5	424.0	414.6	.	.
Malta	466	361	20.9	41.6	37.5	3.0	17.0	509.0	503.1	509.1	481.3	479.1
Morocco	511	485	35.7	34.3	30.1	1.5	2.2	331.1	325.8	321.7	330.2	346.5
New Zealand	211	133	66.6	20.9	12.5	1.4	39.3	511.4	484.4	460.9	416.1	508.4
Norway (9)	310	230	74.0	23.7	2.3	0.9	23.2	491.4	488.0	512.3	519.0	478.4
Oman	284	275	22.6	37.8	39.6	2.4	0.9	468.7	445.8	456.1	477.0	472.5
Palestinian Nat'l Auth.	199	189	15.4	41.9	42.8	1.5	2.9	407.1	394.9	386.0	419.2	374.9
Portugal	521	486	38.7	41.0	20.3	1.3	5.1	507.4	504.6	505.2	512.6	499.9
Qatar	242	233	43.8	36.1	20.1	0.3	1.8	492.8	481.3	455.3	466.8	485.4
Romania	429	282	44.6	48.5	6.8	9.8	25.3	477.2	466.2	465.2	471.5	451.5
Saudi Arabia	214	193	12.3	26.6	61.1	4.1	5.0	437.9	419.6	415.9	415.5	413.4
Singapore	345	344	90.9	8.1	1.0	0.1	0.0	607.7	592.0	598.0	385.8	.
South Africa (9)	288	211	24.0	24.1	52.0	2.2	29.4	365.6	387.8	355.3	346.6	355.8
Sweden	814	680	92.9	5.7	1.5	1.5	14.3	522.2	539.5	504.0	525.6	511.8
Turkiye	189	188	30.9	43.1	26.0	0.9	0.0	555.7	520.1	515.0	498.9	.
United Arab Emirates	1614	1341	74.4	22.0	3.6	1.9	12.8	486.2	477.0	490.2	493.4	498.5
United States	672	551	82.6	12.7	4.7	1.0	10.5	516.9	502.8	510.8	533.8	506.1
Uzbekistan	668	643	25.9	53.3	20.9	2.6	1.4	400.2	395.8	391.0	391.5	387.5
International Avg. (44)	23553	20211	41.0	34.5	24.4	2.5	11.0	481.8	470.7	466.1	463.3	465.4
Abu Dhabi, UAE	597	487	76.8	20.4	2.8	1.5	13.5	435.5	469.3	413.8	441.6	454.5
Dubai, UAE	432	359	82.6	13.9	3.5	1.8	11.7	557.9	501.2	535.8	508.4	537.7
Sharjah, UAE	307	250	60.3	33.6	6.1	2.4	15.4	489.9	488.9	514.2	535.1	533.2

Question: How much do each of these keep you from incorporating digital devices into science instruction? Keeping students on task when the class is using digital devices
Location: TQS-21c (BTB521C)

Country	Sample	Valid N	1.Not at all %	2.Some what %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some what Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	487	13.6	47.3	39.1	3.1	35.0	542.1	527.4	516.5	512.2	512.0
Austria	889	777	27.9	47.7	24.4	2.0	10.7	515.1	512.9	514.0	497.1	497.8
Azerbaijan	1140	880	35.0	49.7	15.3	6.6	14.1	410.1	415.1	404.0	400.4	414.9
Bahrain	223	219	42.3	45.8	11.9	2.2	0.0	463.7	438.9	456.0	471.0	.
Brazil	916	871	25.2	48.0	26.8	1.5	4.2	424.8	410.8	430.7	380.8	441.0
Chile	168	145	18.9	44.3	36.8	1.9	11.0	445.3	463.1	451.5	488.3	447.5
Chinese Taipei	239	213	23.3	53.0	23.7	12.4	0.0	572.9	571.6	561.5	588.3	.
Cote d'Ivoire	372	177	60.6	27.0	12.4	1.3	51.6	185.7	176.6	191.6	136.8	183.4
Cyprus	775	657	30.6	50.2	19.2	1.6	13.2	455.1	462.4	477.4	470.3	471.4
Czech Republic	1348	1245	33.6	52.7	13.6	1.0	6.4	530.3	523.9	529.7	542.3	528.7
England	262	114	30.1	41.7	28.3	3.3	39.8	526.6	535.8	525.3	576.0	529.5
Finland	1239	1180	18.8	51.9	29.3	1.1	2.9	542.0	531.2	523.0	535.0	523.3
France	379	326	29.6	49.8	20.7	0.7	11.9	491.4	484.8	491.5	478.3	472.4
Georgia	936	898	29.3	61.3	9.4	3.7	0.1	448.1	448.9	443.0	438.7	497.7
Hong Kong SAR	185	116	20.8	60.7	18.5	0.9	34.9	555.1	531.4	514.9	443.5	519.7
Hungary	1086	881	41.0	44.9	14.0	1.5	15.8	521.8	523.1	522.5	504.3	518.9
Iran, Islamic Rep. of	224	223	27.2	55.9	16.9	0.5	0.0	438.6	410.3	415.3	453.0	.
Ireland	440	382	24.6	53.5	21.9	2.4	11.5	526.2	531.0	526.4	519.7	520.0
Israel	265	241	39.8	40.8	19.4	2.3	6.8	491.9	474.7	474.1	474.6	472.1
Italy	236	227	23.2	54.6	22.2	0.6	2.9	504.5	503.0	491.3	537.4	491.0
Japan	147	143	46.0	39.4	14.6	0.4	1.7	560.2	557.5	546.1	522.7	559.5
Jordan	225	217	21.5	56.6	21.9	3.2	0.0	410.1	412.6	417.0	404.0	.
Kazakhstan	1209	1141	51.7	42.9	5.4	3.9	1.4	442.1	445.0	426.2	453.9	422.9
Korea, Rep. of	243	236	18.6	54.0	27.4	0.2	2.8	546.2	543.8	549.2	524.8	535.1
Kuwait	157	128	26.3	61.2	12.5	17.7	1.1	441.5	413.3	415.9	416.6	372.6
Lithuania	1096	912	31.7	54.9	13.4	2.2	12.4	523.0	517.1	517.6	524.7	520.1
Malaysia	313	313	28.3	52.9	18.8	0.0	0.0	422.6	432.3	415.6	.	.
Malta	466	361	33.3	48.8	17.9	3.0	17.0	508.5	509.4	495.6	481.3	479.1
Morocco	511	483	47.1	39.4	13.5	1.6	2.2	328.2	326.1	325.1	300.4	346.5
New Zealand	211	132	22.5	42.9	34.6	1.5	39.3	504.6	497.2	499.0	416.6	508.4
Norway (9)	310	230	16.3	54.5	29.2	0.9	23.2	497.3	493.3	483.5	519.0	478.4
Oman	284	274	35.0	49.1	15.9	2.8	0.9	464.0	451.4	445.9	477.6	472.5
Palestinian Nat'l Auth.	199	189	26.7	59.0	14.3	1.5	2.9	413.1	386.7	381.4	419.2	374.9
Portugal	521	485	35.6	53.4	11.0	1.4	5.1	514.8	500.7	501.0	514.2	499.9
Qatar	242	233	51.1	41.6	7.3	0.4	1.8	476.9	487.9	471.5	469.2	485.4
Romania	429	279	34.0	53.8	12.2	10.8	25.3	474.4	468.0	473.5	472.7	451.5
Saudi Arabia	214	193	35.4	48.3	16.3	4.1	5.0	419.1	417.6	426.7	415.5	413.4
Singapore	345	344	29.7	45.7	24.7	0.1	0.0	607.1	612.0	594.8	385.8	.
South Africa (9)	288	208	40.5	33.5	26.0	3.8	29.4	352.9	383.1	366.0	340.0	355.8
Sweden	814	681	25.6	48.7	25.6	1.4	14.3	532.9	526.2	506.5	528.9	511.8
Turkiye	189	188	39.5	51.3	9.3	0.9	0.0	539.7	523.8	520.9	498.9	.
United Arab Emirates	1614	1345	45.2	40.8	14.0	1.6	12.8	485.7	481.9	485.9	501.6	498.5
United States	672	552	24.5	51.0	24.5	1.0	10.5	504.7	515.1	524.3	533.6	506.1
Uzbekistan	668	640	46.6	45.0	8.3	3.0	1.4	396.9	394.1	399.8	391.9	387.5
International Avg. (44)	23553	20166	32.0	48.9	19.1	2.7	11.0	476.3	472.1	469.3	464.2	465.4
Abu Dhabi, UAE	597	487	45.2	42.3	12.6	1.5	13.5	436.7	454.5	415.9	450.3	454.5
Dubai, UAE	432	359	45.3	38.0	16.7	1.3	11.7	553.7	538.9	558.5	516.7	537.7
Sharjah, UAE	307	252	41.6	44.8	13.6	2.2	15.4	504.7	478.6	490.9	537.9	533.2

Question: How much do each of these keep you from incorporating digital devices into science instruction? Lack of technical support from the school
Location: TQS-21d (BTBS21D)

Country	Sample	Valid N	1.Not at all %	2.Some what %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some what Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	486	69.3	28.1	2.6	3.2	35.0	530.2	513.5	518.1	512.1	512.0
Austria	889	778	58.7	33.3	7.9	1.9	10.7	514.2	516.2	499.6	500.9	497.8
Azerbaijan	1140	894	27.7	48.1	24.2	5.6	14.1	409.9	411.5	411.2	408.2	414.9
Bahrain	223	219	63.9	29.9	6.1	2.2	0.0	459.9	442.1	408.5	471.0	.
Brazil	916	870	22.9	43.5	33.6	1.6	4.2	430.7	423.4	407.2	383.5	441.0
Chile	168	146	41.8	30.1	28.1	1.3	11.0	460.0	453.7	450.1	513.2	447.5
Chinese Taipei	239	210	65.5	27.9	6.6	13.4	0.0	571.7	571.4	547.9	583.4	.
Cote d'Ivoire	372	180	21.2	18.7	60.2	0.7	51.6	234.3	183.1	165.3	142.1	183.4
Cyprus	775	659	23.8	43.0	33.2	1.4	13.2	479.3	461.0	454.3	466.6	471.4
Czech Republic	1348	1239	62.4	30.3	7.3	1.4	6.4	527.6	524.5	530.4	537.5	528.7
England	262	113	57.9	30.9	11.2	3.4	39.8	528.3	536.3	521.0	577.0	529.5
Finland	1239	1179	73.5	23.8	2.7	1.1	2.9	531.6	529.4	522.0	533.8	523.3
France	379	323	41.1	39.1	19.9	1.8	11.9	489.8	489.2	483.4	476.8	472.4
Georgia	936	904	33.5	50.7	15.8	2.8	0.1	452.7	446.7	440.9	445.9	497.7
Hong Kong SAR	185	116	67.6	30.0	2.4	0.9	34.9	539.0	516.7	579.6	443.5	519.7
Hungary	1086	880	59.0	27.0	14.0	1.7	15.8	520.6	523.8	527.4	509.6	518.9
Iran, Islamic Rep. of	224	223	35.2	43.4	21.4	0.5	0.0	440.8	411.2	398.1	453.0	.
Ireland	440	382	63.7	27.9	8.4	2.4	11.5	528.1	530.7	527.8	519.7	520.0
Israel	265	241	46.3	35.6	18.1	2.3	6.8	495.0	462.6	484.0	474.6	472.1
Italy	236	226	43.8	43.0	13.2	0.8	2.9	499.1	501.0	505.2	525.6	491.0
Japan	147	143	42.0	44.9	13.2	0.4	1.7	558.2	557.0	554.0	522.7	559.5
Jordan	225	218	30.0	40.5	29.5	2.9	0.0	407.4	413.6	419.0	392.4	.
Kazakhstan	1209	1131	44.1	45.1	10.9	4.8	1.4	450.2	436.4	438.1	448.6	422.9
Korea, Rep. of	243	236	54.6	39.6	5.8	0.2	2.8	547.1	543.0	551.5	524.8	535.1
Kuwait	157	133	39.9	42.3	17.8	14.5	1.1	444.6	402.1	410.1	418.7	372.6
Lithuania	1096	918	47.9	41.4	10.7	1.7	12.4	518.8	518.2	522.9	528.8	520.1
Malaysia	313	312	38.6	47.9	13.5	0.3	0.0	427.2	422.3	438.1	446.6	.
Malta	466	362	47.8	39.2	13.0	2.6	17.0	508.7	503.4	499.6	512.8	479.1
Morocco	511	484	21.8	33.9	44.3	1.6	2.2	341.4	322.1	324.0	290.4	346.5
New Zealand	211	133	78.1	20.1	1.9	1.4	39.3	506.3	476.5	460.3	416.1	508.4
Norway (9)	310	230	67.3	30.3	2.4	0.9	23.2	490.4	491.2	507.2	519.0	478.4
Oman	284	275	49.7	35.2	15.1	2.4	0.9	458.9	453.0	448.0	471.2	472.5
Palestinian Nat'l Auth.	199	189	25.2	41.0	33.9	1.5	2.9	410.4	393.3	379.7	419.2	374.9
Portugal	521	486	37.3	47.3	15.4	1.3	5.1	510.2	501.7	507.9	512.6	499.9
Qatar	242	234	73.6	20.1	6.2	0.2	1.8	472.5	509.6	488.3	528.5	485.4
Romania	429	281	53.9	35.7	10.4	10.1	25.3	473.5	469.4	462.7	472.3	451.5
Saudi Arabia	214	193	34.4	36.7	28.9	4.1	5.0	426.7	423.3	406.5	415.5	413.4
Singapore	345	344	86.9	11.2	1.9	0.1	0.0	606.2	602.3	635.8	385.8	.
South Africa (9)	288	209	25.9	23.3	50.8	3.3	29.4	388.6	366.6	354.7	339.1	355.8
Sweden	814	679	77.7	20.2	2.1	1.6	14.3	524.4	520.8	489.8	525.4	511.8
Turkiye	189	188	43.2	44.0	12.8	0.9	0.0	548.5	516.9	511.1	498.9	.
United Arab Emirates	1614	1343	80.2	16.8	3.0	1.8	12.8	490.7	456.9	467.3	493.0	498.5
United States	672	552	73.2	24.0	2.8	1.0	10.5	514.7	514.7	516.9	533.6	506.1
Uzbekistan	668	640	31.3	45.0	23.7	2.9	1.4	399.8	395.3	391.8	393.3	387.5
International Avg. (44)	23553	20181	49.6	34.3	16.1	2.6	11.0	478.8	469.5	467.4	465.6	465.4
Abu Dhabi, UAE	597	487	82.1	14.9	3.0	1.5	13.5	443.2	429.4	463.8	441.6	454.5
Dubai, UAE	432	360	86.6	12.0	1.4	1.2	11.7	558.3	488.4	483.4	511.9	537.7
Sharjah, UAE	307	250	71.4	24.8	3.8	3.1	15.4	496.7	474.7	492.4	525.4	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Defining characteristics of major taxonomic groups of organisms

Location: TQS-22Aa (BTBS22AA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	80.9	9.2	9.9	3.2	35.0	526.9	506.4	527.1	514.5	512.0
Austria	889	471	40.4	4.2	55.3	35.9	10.7	509.1	507.1	514.8	515.3	497.8
Azerbaijan	1140	511	59.7	23.0	17.3	38.0	14.1	413.9	398.6	408.6	412.5	414.9
Bahrain	223	204	80.6	7.9	11.4	6.0	0.0	438.2	475.4	510.5	489.8	.
Brazil	916	871	61.4	17.0	21.7	2.3	4.2	423.9	424.2	403.5	400.9	441.0
Chile	168	144	39.7	13.8	46.6	2.5	11.0	444.5	457.2	463.3	495.7	447.5
Chinese Taipei	239	222	71.2	1.0	27.8	8.0	0.0	567.6	536.6	578.0	591.2	.
Cote d'Ivoire	372	110	13.5	2.8	83.7	16.6	51.6	144.4	117.6	163.7	226.5	183.4
Cyprus	775	325	57.7	10.8	31.5	41.9	13.2	462.0	503.0	480.8	453.4	471.4
Czech Republic	1348	663	78.6	11.5	9.9	42.3	6.4	522.1	519.2	526.2	532.9	528.7
England	262	111	43.7	7.8	48.6	4.8	39.8	516.9	539.7	536.0	586.1	529.5
Finland	1239	627	69.5	17.8	12.7	40.8	2.9	533.6	522.7	524.2	531.4	523.3
France	379	171	75.6	5.9	18.4	43.0	11.9	490.5	501.7	459.8	490.8	472.4
Georgia	936	444	58.9	23.9	17.2	52.4	0.1	449.3	446.4	450.7	446.7	497.7
Hong Kong SAR	185	114	71.1	4.8	24.1	2.3	34.9	528.2	553.2	541.2	516.4	519.7
Hungary	1086	434	87.4	10.1	2.5	43.7	15.8	515.6	522.5	530.0	527.2	518.9
Iran, Islamic Rep. of	224	220	28.5	20.7	50.8	1.9	0.0	409.2	408.2	425.6	506.3	.
Ireland	440	373	50.2	14.3	35.5	5.6	11.5	527.1	518.0	534.3	531.8	520.0
Israel	265	235	39.8	11.2	49.0	2.0	6.8	475.8	456.9	490.0	509.3	472.1
Italy	236	226	96.4	1.6	2.0	0.9	2.9	500.6	486.1	516.3	531.7	491.0
Japan	147	142	79.2	19.0	1.8	1.0	1.7	560.6	542.6	557.0	540.7	559.5
Jordan	225	218	84.7	10.5	4.8	2.7	0.0	411.9	397.0	466.3	404.1	.
Kazakhstan	1209	856	54.6	34.9	10.5	27.4	1.4	443.3	440.3	445.0	444.3	422.9
Korea, Rep. of	243	234	79.5	8.3	12.2	1.7	2.8	546.7	537.1	544.1	551.8	535.1
Kuwait	157	152	49.1	9.5	41.3	1.6	1.1	408.2	450.3	425.6	471.6	372.6
Lithuania	1096	472	52.8	12.0	35.3	43.6	12.4	518.5	513.0	516.6	521.2	520.1
Malaysia	313	311	17.1	76.8	6.1	0.5	0.0	429.5	425.7	430.2	382.2	.
Malta	466	227	16.6	15.9	67.5	33.4	17.0	494.5	542.3	503.0	502.5	479.1
Morocco	511	391	77.3	8.6	14.1	20.8	2.2	327.2	316.6	327.8	327.0	346.5
New Zealand	211	130	10.5	50.3	39.2	3.1	39.3	507.0	499.2	499.4	448.6	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	82.1	6.2	11.7	2.5	0.9	453.7	461.0	469.9	439.6	472.5
Palestinian Nat'l Auth.	199	187	19.7	72.4	7.9	2.5	2.9	385.1	395.6	389.7	407.3	374.9
Portugal	521	396	22.6	11.6	65.8	18.8	5.1	500.5	505.2	507.9	505.7	499.9
Qatar	242	227	65.4	15.3	19.3	1.8	1.8	467.5	504.2	497.6	595.7	485.4
Romania	429	216	62.5	9.5	28.0	24.2	25.3	472.6	461.4	471.3	470.9	451.5
Saudi Arabia	214	192	81.9	16.3	1.8	3.7	5.0	419.5	414.2	422.0	437.2	413.4
Singapore	345	343	34.3	11.4	54.4	1.0	0.0	629.5	612.7	593.4	423.1	.
South Africa (9)	288	208	38.4	20.9	40.7	2.8	29.4	363.8	358.6	368.0	379.9	355.8
Sweden	814	617	80.0	9.4	10.6	10.5	14.3	520.5	535.3	524.4	527.4	511.8
Turkiye	189	188	95.6	2.7	1.8	0.6	0.0	529.8	507.2	563.1	478.5	.
United Arab Emirates	1614	1303	56.3	18.8	24.9	3.9	12.8	466.2	503.6	504.7	521.1	498.5
United States	672	553	64.3	17.5	18.2	0.8	10.5	524.3	487.7	508.6	507.0	506.1
Uzbekistan	668	559	50.0	25.3	24.7	14.9	1.4	393.8	398.8	398.9	392.9	387.5
International Avg. (43)	23553	15351	57.7	16.3	26.0	14.4	10.7	469.2	470.0	477.2	476.5	465.1
Abu Dhabi, UAE	597	479	52.9	19.0	28.1	2.5	13.5	424.0	465.2	457.5	459.4	454.5
Dubai, UAE	432	342	51.6	21.3	27.1	5.6	11.7	533.2	565.7	563.2	550.1	537.7
Sharjah, UAE	307	243	59.7	17.6	22.7	4.4	15.4	475.0	504.1	517.2	539.3	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Structures and functions of major organs and organ systems
Location: TQS-22Ab (BTBS22AB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	4.7	88.7	6.6	3.2	35.0	522.1	524.9	528.6	514.5	512.0
Austria	889	471	12.4	45.2	42.4	35.6	10.7	495.3	511.5	518.6	514.8	497.8
Azerbaijan	1140	507	31.8	59.4	8.8	38.6	14.1	409.6	408.0	419.9	412.2	414.9
Bahrain	223	206	24.9	73.2	1.9	5.3	0.0	478.6	435.8	608.5	488.9	.
Brazil	916	872	31.9	59.2	8.9	2.2	4.2	424.9	418.0	410.3	399.7	441.0
Chile	168	145	30.9	66.3	2.8	1.8	11.0	450.3	457.1	465.8	500.7	447.5
Chinese Taipei	239	222	70.5	3.2	26.3	8.0	0.0	567.5	558.8	578.5	591.2	.
Cote d'Ivoire	372	107	6.0	19.2	74.8	17.4	51.6	164.8	155.7	159.5	224.8	183.4
Cyprus	775	323	38.2	38.7	23.1	42.1	13.2	469.1	479.9	465.1	453.4	471.4
Czech Republic	1348	664	23.2	67.4	9.5	42.1	6.4	520.2	522.0	525.8	533.3	528.7
England	262	111	56.5	34.3	9.2	4.8	39.8	524.1	534.6	526.9	586.1	529.5
Finland	1239	627	9.3	6.0	84.7	41.0	2.9	533.4	503.9	531.9	531.5	523.3
France	379	171	69.1	27.6	3.4	43.0	11.9	488.7	480.8	457.6	490.8	472.4
Georgia	936	442	15.0	73.5	11.5	53.0	0.1	450.9	449.1	443.1	446.9	497.7
Hong Kong SAR	185	116	32.0	41.7	26.3	0.9	34.9	540.9	527.2	533.6	443.5	519.7
Hungary	1086	434	19.5	76.3	4.3	43.7	15.8	514.0	517.3	519.2	527.2	518.9
Iran, Islamic Rep. of	224	218	41.3	57.2	1.5	2.6	0.0	422.5	413.8	430.7	468.6	.
Ireland	440	383	55.1	41.6	3.4	3.5	11.5	530.4	524.0	535.5	544.0	520.0
Israel	265	235	65.6	11.8	22.6	2.0	6.8	478.2	473.8	491.5	509.3	472.1
Italy	236	226	84.0	15.6	0.4	0.9	2.9	502.4	491.9	472.3	531.7	491.0
Japan	147	142	3.1	95.1	1.8	1.0	1.7	544.9	557.3	566.7	540.7	559.5
Jordan	225	215	35.2	62.1	2.7	4.3	0.0	406.7	416.3	426.0	403.5	.
Kazakhstan	1209	853	37.6	55.6	6.8	27.7	1.4	433.9	446.9	454.1	444.2	422.9
Korea, Rep. of	243	235	2.0	95.8	2.2	1.4	2.8	557.9	545.3	545.8	551.6	535.1
Kuwait	157	151	39.7	51.9	8.4	2.5	1.1	433.9	409.2	422.6	424.0	372.6
Lithuania	1096	468	39.7	29.1	31.2	43.9	12.4	514.7	522.1	516.1	521.1	520.1
Malaysia	313	311	55.7	35.1	9.3	0.5	0.0	426.2	423.4	441.7	382.2	.
Malta	466	227	17.4	30.2	52.4	33.4	17.0	492.0	543.0	492.8	502.5	479.1
Morocco	511	386	29.7	20.1	50.2	21.5	2.2	325.6	327.7	325.9	327.7	346.5
New Zealand	211	129	8.2	41.6	50.1	4.9	39.3	524.7	506.1	487.2	490.1	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	57.5	41.8	0.8	3.0	0.9	456.3	454.8	507.8	441.3	472.5
Palestinian Nat'l Auth.	199	187	74.8	15.7	9.6	2.5	2.9	394.6	386.8	391.2	407.3	374.9
Portugal	521	396	32.4	3.2	64.4	18.8	5.1	501.8	502.6	508.2	505.7	499.9
Qatar	242	227	30.0	65.9	4.1	1.9	1.8	496.9	467.2	537.2	584.3	485.4
Romania	429	216	64.5	10.7	24.8	24.2	25.3	472.3	462.8	471.7	470.9	451.5
Saudi Arabia	214	192	41.1	57.6	1.3	3.7	5.0	420.4	418.0	396.9	437.2	413.4
Singapore	345	344	16.4	78.2	5.4	0.2	0.0	586.6	609.7	619.5	507.6	.
South Africa (9)	288	213	12.3	84.6	3.2	1.7	29.4	377.0	362.2	384.0	379.1	355.8
Sweden	814	622	22.0	65.5	12.5	9.7	14.3	525.2	522.9	514.4	528.0	511.8
Turkiye	189	188	98.6	1.4	0.0	0.6	0.0	530.2	501.0	.	478.5	.
United Arab Emirates	1614	1307	56.3	35.9	7.8	3.4	12.8	493.1	478.5	435.8	511.2	498.5
United States	672	553	74.8	14.7	10.5	0.8	10.5	522.3	482.1	509.4	507.0	506.1
Uzbekistan	668	561	31.5	62.3	6.1	14.7	1.4	394.9	397.6	394.2	391.5	387.5
International Avg. (43)	23553	15355	37.3	45.6	17.2	14.4	10.7	472.6	468.2	475.5	475.6	465.1
Abu Dhabi, UAE	597	481	62.2	22.6	15.2	2.2	13.5	439.3	480.9	391.6	453.4	454.5
Dubai, UAE	432	345	63.9	31.3	4.8	4.3	11.7	556.6	529.4	560.8	550.2	537.7
Sharjah, UAE	307	244	52.5	44.5	3.0	3.7	15.4	510.3	465.6	509.7	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: How animals maintain stable body conditions
Location: TQS-22Ac (BTBS22AC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	9.9	35.0	55.0	3.2	35.0	519.8	525.0	526.0	514.6	512.0
Austria	889	471	33.3	6.5	60.2	35.6	10.7	501.0	513.4	518.8	514.8	497.8
Azerbaijan	1140	496	69.0	17.2	13.8	39.8	14.1	409.6	406.5	413.7	412.1	414.9
Bahrain	223	205	61.1	18.0	21.0	5.5	0.0	443.1	466.6	454.2	489.7	.
Brazil	916	871	52.0	30.1	17.8	2.4	4.2	422.9	416.2	414.2	408.4	441.0
Chile	168	142	47.8	27.8	24.4	3.4	11.0	449.5	461.6	462.6	457.5	447.5
Chinese Taipei	239	222	70.5	3.9	25.7	8.0	0.0	567.5	556.6	579.4	591.2	.
Cote d'Ivoire	372	107	12.6	2.4	85.0	17.3	51.6	117.5	97.2	168.4	222.9	183.4
Cyprus	775	323	16.8	11.8	71.4	42.2	13.2	474.8	499.0	467.8	453.2	471.4
Czech Republic	1348	662	64.5	21.8	13.7	42.2	6.4	522.3	521.6	523.9	532.8	528.7
England	262	111	20.4	12.0	67.6	4.8	39.8	541.4	527.4	524.0	586.1	529.5
Finland	1239	624	30.7	37.5	31.8	41.1	2.9	528.3	527.0	536.3	531.5	523.3
France	379	169	43.3	7.4	49.3	43.6	11.9	491.0	491.5	479.1	491.0	472.4
Georgia	936	440	55.2	28.3	16.5	53.1	0.1	449.9	449.0	449.0	446.2	497.7
Hong Kong SAR	185	115	34.7	13.1	52.2	1.3	34.9	535.6	524.0	533.7	478.7	519.7
Hungary	1086	431	59.5	15.7	24.8	43.9	15.8	517.7	506.6	521.4	527.0	518.9
Iran, Islamic Rep. of	224	219	30.2	39.1	30.7	2.3	0.0	415.3	416.3	420.2	496.9	.
Ireland	440	376	28.0	24.0	48.1	5.6	11.5	534.3	519.1	528.0	542.1	520.0
Israel	265	235	46.5	8.3	45.3	2.0	6.8	478.1	464.3	486.3	509.3	472.1
Italy	236	226	64.7	2.3	32.9	0.9	2.9	496.9	503.2	507.9	531.7	491.0
Japan	147	142	1.6	96.0	2.4	1.0	1.7	553.1	557.2	556.6	540.7	559.5
Jordan	225	215	66.6	21.3	12.1	4.0	0.0	410.9	402.7	447.2	392.5	.
Kazakhstan	1209	854	51.9	39.4	8.7	27.7	1.4	436.7	447.3	454.7	444.3	422.9
Korea, Rep. of	243	235	4.4	23.3	72.3	1.4	2.8	538.5	549.3	544.8	551.6	535.1
Kuwait	157	149	41.0	17.2	41.7	3.6	1.1	409.3	428.7	427.4	420.4	372.6
Lithuania	1096	470	42.4	23.6	34.0	43.8	12.4	520.8	511.8	516.6	521.1	520.1
Malaysia	313	311	58.4	28.9	12.7	0.5	0.0	425.5	427.3	430.4	382.2	.
Malta	466	227	7.7	16.7	75.5	33.4	17.0	492.2	538.3	502.7	502.5	479.1
Morocco	511	384	31.8	13.2	55.1	21.9	2.2	329.7	326.5	324.4	326.9	346.5
New Zealand	211	130	1.3	16.0	82.7	4.0	39.3	505.7	499.9	498.7	477.2	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	66.6	14.2	19.2	3.9	0.9	455.7	458.3	454.6	449.8	472.5
Palestinian Nat'l Auth.	199	187	42.0	40.7	17.3	2.5	2.9	395.2	397.6	377.0	407.3	374.9
Portugal	521	395	12.7	36.5	50.7	19.2	5.1	501.2	505.8	507.0	506.2	499.9
Qatar	242	227	39.8	25.5	34.7	2.3	1.8	466.2	498.2	479.7	563.5	485.4
Romania	429	215	60.1	12.3	27.6	24.3	25.3	472.2	462.3	472.1	471.3	451.5
Saudi Arabia	214	191	79.5	13.2	7.3	4.2	5.0	418.3	424.3	418.0	427.4	413.4
Singapore	345	344	10.4	20.3	69.3	0.2	0.0	592.7	603.3	609.4	507.6	.
South Africa (9)	288	207	35.0	29.7	35.3	3.5	29.4	367.1	365.6	363.4	358.8	355.8
Sweden	814	619	52.5	16.5	31.0	10.3	14.3	514.2	525.5	534.1	528.2	511.8
Turkiye	189	188	74.1	13.2	12.7	0.6	0.0	528.4	521.5	547.1	478.5	.
United Arab Emirates	1614	1303	57.4	24.2	18.4	3.7	12.8	481.9	482.6	490.3	504.7	498.5
United States	672	551	71.7	15.7	12.6	1.0	10.5	522.5	485.1	511.0	497.1	506.1
Uzbekistan	668	557	80.7	12.4	6.8	15.2	1.4	395.8	397.8	400.1	392.8	387.5
International Avg. (43)	23553	15295	42.8	21.7	35.5	14.7	10.7	468.6	470.0	474.0	474.2	465.1
Abu Dhabi, UAE	597	481	56.2	19.4	24.4	2.2	13.5	429.5	482.4	436.4	453.4	454.5
Dubai, UAE	432	342	59.0	20.0	21.1	5.1	11.7	551.3	528.2	565.3	527.2	537.7
Sharjah, UAE	307	244	59.6	30.0	10.3	3.7	15.4	491.5	479.5	516.0	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Major structures and functions in plant and animal cells
Location: TQS-22Ad (BTBS22AD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	14.0	83.3	2.7	3.3	35.0	519.6	527.2	488.6	513.7	512.0
Austria	889	469	45.0	7.6	47.4	35.6	10.7	509.6	505.3	516.5	514.7	497.8
Azerbaijan	1140	501	71.1	16.1	12.7	39.3	14.1	410.7	400.2	413.6	412.5	414.9
Bahrain	223	206	83.2	14.1	2.7	5.3	0.0	439.7	499.5	500.8	488.9	.
Brazil	916	871	66.3	29.4	4.3	2.2	4.2	416.6	429.7	393.8	402.9	441.0
Chile	168	145	16.2	82.9	0.9	1.8	11.0	437.3	458.6	466.4	500.7	447.5
Chinese Taipei	239	222	70.5	3.2	26.3	8.0	0.0	567.5	558.8	578.5	591.2	.
Cote d'Ivoire	372	107	16.5	4.4	79.0	17.4	51.6	144.3	168.1	161.5	225.1	183.4
Cyprus	775	322	65.2	12.2	22.6	42.3	13.2	467.7	507.3	467.9	453.3	471.4
Czech Republic	1348	664	83.1	7.9	9.0	42.1	6.4	522.6	518.2	521.9	533.0	528.7
England	262	111	60.8	37.3	1.9	4.8	39.8	518.1	541.5	578.3	586.1	529.5
Finland	1239	626	43.9	39.4	16.7	40.9	2.9	534.3	524.1	535.5	531.4	523.3
France	379	169	47.8	29.6	22.6	43.5	11.9	486.5	487.8	478.1	491.2	472.4
Georgia	936	438	59.6	24.5	15.9	53.4	0.1	449.5	447.0	449.9	446.6	497.7
Hong Kong SAR	185	116	75.8	13.2	11.0	0.9	34.9	532.2	534.3	539.6	443.5	519.7
Hungary	1086	430	55.4	38.8	5.8	44.0	15.8	516.9	515.3	530.9	526.8	518.9
Iran, Islamic Rep. of	224	217	60.3	29.4	10.3	3.2	0.0	417.9	413.7	431.3	448.6	.
Ireland	440	382	90.2	7.5	2.2	4.3	11.5	528.1	527.1	527.8	539.7	520.0
Israel	265	235	63.0	25.4	11.6	2.0	6.8	485.4	476.6	463.9	509.3	472.1
Italy	236	226	96.6	2.3	1.1	0.9	2.9	500.4	492.5	538.8	531.7	491.0
Japan	147	142	4.8	90.0	5.2	1.0	1.7	552.1	558.0	546.9	540.7	559.5
Jordan	225	217	68.3	21.4	10.3	2.9	0.0	414.7	398.5	432.4	402.6	.
Kazakhstan	1209	854	54.7	40.4	4.9	27.7	1.4	438.3	446.2	465.3	443.4	422.9
Korea, Rep. of	243	235	28.1	38.3	33.6	1.4	2.8	550.0	543.3	544.5	551.6	535.1
Kuwait	157	149	73.0	17.4	9.6	4.4	1.1	411.0	469.7	393.9	433.7	372.6
Lithuania	1096	468	62.5	10.5	27.1	44.1	12.4	519.3	510.8	515.9	520.9	520.1
Malaysia	313	311	77.2	19.5	3.3	0.5	0.0	425.9	429.9	425.5	382.2	.
Malta	466	227	13.1	41.1	45.8	33.4	17.0	487.8	536.0	488.3	502.5	479.1
Morocco	511	382	52.5	15.5	31.9	22.0	2.2	330.8	323.3	320.0	327.6	346.5
New Zealand	211	129	4.7	64.7	30.6	3.7	39.3	496.3	508.7	484.3	449.0	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	70.3	23.2	6.6	3.1	0.9	454.4	461.0	456.3	442.1	472.5
Palestinian Nat'l Auth.	199	185	27.2	72.2	0.6	3.6	2.9	392.2	394.2	400.6	386.0	374.9
Portugal	521	396	4.5	62.7	32.8	18.8	5.1	504.7	505.6	506.7	505.7	499.9
Qatar	242	227	75.2	21.7	3.1	1.9	1.8	470.1	504.6	511.4	591.0	485.4
Romania	429	215	65.8	8.4	25.8	24.3	25.3	473.0	453.8	471.3	471.3	451.5
Saudi Arabia	214	192	77.0	19.7	3.4	3.7	5.0	418.7	417.0	429.5	437.2	413.4
Singapore	345	344	66.4	30.2	3.4	0.2	0.0	612.9	600.3	534.0	507.6	.
South Africa (9)	288	213	20.6	76.0	3.4	1.6	29.4	361.4	365.0	363.6	400.7	355.8
Sweden	814	620	70.3	24.4	5.3	10.2	14.3	520.4	525.4	532.5	528.0	511.8
Turkiye	189	187	97.7	2.3	0.0	1.5	0.0	531.0	484.9	.	503.5	.
United Arab Emirates	1614	1305	61.6	33.2	5.3	3.5	12.8	467.3	524.1	412.4	514.3	498.5
United States	672	552	77.7	17.6	4.7	1.1	10.5	521.2	485.6	526.1	501.9	506.1
Uzbekistan	668	559	78.9	11.5	9.6	15.0	1.4	395.4	398.8	399.6	393.4	387.5
International Avg. (43)	23553	15316	56.2	29.5	14.3	14.5	10.7	468.7	473.9	470.1	475.1	465.1
Abu Dhabi, UAE	597	481	62.2	27.8	10.0	2.2	13.5	429.1	489.8	383.9	453.4	454.5
Dubai, UAE	432	344	54.0	44.3	1.8	4.7	11.7	528.5	572.5	537.8	552.0	537.7
Sharjah, UAE	307	242	65.4	32.7	1.9	3.9	15.4	478.0	515.3	484.4	532.4	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Basic processes of photosynthesis
Location: TQS-22Ae (BTBS22AE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	8.9	73.5	17.6	3.3	35.0	508.1	529.6	514.7	515.2	512.0
Austria	889	472	45.4	12.2	42.4	35.4	10.7	505.2	515.7	519.6	514.7	497.8
Azerbaijan	1140	505	69.5	12.6	17.9	39.0	14.1	411.3	393.3	415.0	412.1	414.9
Bahrain	223	206	81.1	12.2	6.6	5.3	0.0	445.1	464.6	479.0	488.9	.
Brazil	916	871	74.0	20.3	5.7	2.2	4.2	420.1	421.2	404.2	402.0	441.0
Chile	168	145	67.9	22.5	9.6	1.8	11.0	451.6	465.8	456.5	500.7	447.5
Chinese Taipei	239	222	70.8	4.2	25.0	8.0	0.0	567.2	568.9	578.7	591.2	.
Cote d'Ivoire	372	108	30.3	1.8	67.9	17.1	51.6	161.3	119.1	160.3	224.4	183.4
Cyprus	775	323	55.2	20.4	24.4	42.2	13.2	457.3	518.8	468.6	453.2	471.4
Czech Republic	1348	665	82.8	8.3	9.0	42.0	6.4	522.6	511.8	527.9	533.0	528.7
England	262	111	57.2	30.2	12.5	4.8	39.8	527.1	532.8	520.3	586.1	529.5
Finland	1239	639	45.3	47.1	7.6	40.0	2.9	530.5	528.2	541.1	531.8	523.3
France	379	170	41.2	28.3	30.5	43.4	11.9	489.1	487.0	481.6	490.0	472.4
Georgia	936	447	55.3	17.2	27.4	52.4	0.1	452.4	439.1	449.8	446.2	497.7
Hong Kong SAR	185	116	10.4	86.9	2.7	0.9	34.9	595.5	525.2	552.5	443.5	519.7
Hungary	1086	432	75.7	14.6	9.7	43.9	15.8	512.7	510.7	557.9	527.1	518.9
Iran, Islamic Rep. of	224	218	37.2	22.3	40.5	3.2	0.0	420.0	405.3	422.7	455.7	.
Ireland	440	382	9.2	61.3	29.5	3.8	11.5	525.7	530.0	524.4	542.6	520.0
Israel	265	235	48.2	25.9	25.9	2.0	6.8	477.1	472.1	496.0	509.3	472.1
Italy	236	226	96.6	1.9	1.4	0.9	2.9	501.3	473.0	494.6	531.7	491.0
Japan	147	142	10.5	87.8	1.7	1.0	1.7	559.1	556.9	556.5	540.7	559.5
Jordan	225	216	75.7	16.0	8.3	4.0	0.0	416.0	403.1	406.2	403.7	.
Kazakhstan	1209	858	69.0	24.4	6.5	27.3	1.4	440.0	446.9	457.2	443.4	422.9
Korea, Rep. of	243	235	3.3	93.5	3.2	1.4	2.8	545.4	545.5	550.3	551.6	535.1
Kuwait	157	149	71.2	22.9	5.9	3.6	1.1	420.0	414.6	436.0	433.7	372.6
Lithuania	1096	470	57.2	16.2	26.7	43.8	12.4	518.4	517.9	514.3	521.1	520.1
Malaysia	313	311	79.7	19.2	1.0	0.5	0.0	424.4	435.3	438.7	382.2	.
Malta	466	227	16.2	26.2	57.5	33.4	17.0	496.2	532.0	500.1	502.5	479.1
Morocco	511	388	62.5	14.4	23.1	21.0	2.2	326.2	317.5	328.4	330.4	346.5
New Zealand	211	130	3.6	59.1	37.3	3.4	39.3	539.4	506.3	487.8	446.0	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	40.6	59.3	0.1	2.9	0.9	461.8	452.0	476.3	442.6	472.5
Palestinian Nat'l Auth.	199	186	82.3	15.9	1.7	3.1	2.9	395.3	385.2	361.0	404.0	374.9
Portugal	521	396	10.3	56.3	33.4	18.8	5.1	502.0	505.8	507.4	505.7	499.9
Qatar	242	228	74.8	21.4	3.8	1.7	1.8	473.0	490.6	530.5	595.8	485.4
Romania	429	217	66.6	8.9	24.5	23.8	25.3	475.4	450.7	468.6	470.1	451.5
Saudi Arabia	214	189	60.6	32.6	6.8	4.9	5.0	419.5	411.9	439.6	437.4	413.4
Singapore	345	344	54.8	32.9	12.4	0.2	0.0	613.0	609.4	569.2	507.6	.
South Africa (9)	288	211	72.9	25.3	1.8	1.9	30.4	367.0	361.2	367.0	379.3	354.0
Sweden	814	626	53.1	42.0	4.9	9.4	14.3	522.9	520.1	533.2	528.6	511.8
Turkiye	189	188	10.3	84.0	5.7	0.6	0.0	515.2	530.3	549.4	478.5	.
United Arab Emirates	1614	1307	75.2	21.9	2.9	3.4	12.8	478.4	503.4	460.3	512.5	498.5
United States	672	553	72.2	22.7	5.1	0.8	10.5	523.6	490.2	505.2	507.0	506.1
Uzbekistan	668	558	77.5	8.9	13.6	15.4	1.4	397.5	393.5	391.7	392.7	387.5
International Avg. (43)	23553	15373	52.6	31.1	16.3	14.4	10.7	472.3	469.6	474.4	474.8	465.0
Abu Dhabi, UAE	597	481	72.4	24.2	3.4	2.2	13.5	430.7	475.2	429.3	453.4	454.5
Dubai, UAE	432	345	75.6	22.6	1.8	4.3	11.7	545.6	558.6	531.8	550.2	537.7
Sharjah, UAE	307	243	77.4	20.5	2.1	4.0	15.4	486.3	509.5	452.3	532.4	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Basic processes of cellular respiration
Location: TQS-22Af (BTBS22AF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	4.0	69.0	27.0	3.3	35.0	507.0	526.8	523.2	515.2	512.0
Austria	889	468	25.0	13.1	61.8	36.0	10.7	494.1	520.8	518.4	514.6	497.8
Azerbaijan	1140	494	47.6	21.1	31.3	39.9	14.1	407.5	405.1	416.3	412.0	414.9
Bahrain	223	206	72.0	17.7	10.2	5.3	0.0	443.3	458.7	480.0	488.9	.
Brazil	916	870	61.5	25.9	12.6	2.2	4.2	421.5	424.3	398.9	403.6	441.0
Chile	168	145	23.5	56.2	20.3	1.8	11.0	444.8	458.1	459.4	500.7	447.5
Chinese Taipei	239	222	70.1	3.5	26.4	8.0	0.0	567.1	568.0	578.4	591.2	.
Cote d'Ivoire	372	106	5.7	1.9	92.4	17.5	51.6	168.8	95.6	161.5	221.4	183.4
Cyprus	775	322	15.8	23.2	61.1	42.3	13.2	479.0	505.7	458.5	453.2	471.4
Czech Republic	1348	664	75.9	8.6	15.5	42.1	6.4	522.0	518.4	524.8	533.0	528.7
England	262	110	60.2	26.3	13.5	5.5	39.8	528.4	522.5	542.3	571.2	529.5
Finland	1239	634	23.6	30.9	45.5	40.2	2.9	526.8	524.9	536.4	531.3	523.3
France	379	168	52.5	17.6	29.9	43.7	11.9	489.7	494.0	473.6	490.5	472.4
Georgia	936	440	25.7	21.8	52.5	53.3	0.1	458.8	441.9	448.4	446.0	497.7
Hong Kong SAR	185	116	7.3	84.0	8.7	0.9	34.9	564.4	532.6	513.3	443.5	519.7
Hungary	1086	433	31.7	42.2	26.0	43.8	15.8	509.0	514.3	530.5	527.1	518.9
Iran, Islamic Rep. of	224	217	32.8	25.6	41.6	3.8	0.0	417.7	415.6	420.2	439.7	.
Ireland	440	383	15.9	59.5	24.6	3.5	11.5	533.5	527.4	525.5	544.0	520.0
Israel	265	235	41.0	24.3	34.7	2.0	6.8	482.1	471.0	485.8	509.3	472.1
Italy	236	225	94.5	3.3	2.2	1.3	2.9	501.1	488.3	506.9	512.0	491.0
Japan	147	142	2.2	96.2	1.7	1.0	1.7	538.8	557.5	556.5	540.7	559.5
Jordan	225	213	69.5	22.0	8.5	4.8	0.0	417.9	399.3	408.1	407.8	.
Kazakhstan	1209	847	47.0	39.2	13.8	28.4	1.4	437.2	442.1	464.4	443.3	422.9
Korea, Rep. of	243	235	3.4	90.9	5.7	1.4	2.8	539.7	545.9	544.0	551.6	535.1
Kuwait	157	152	28.7	69.7	1.6	2.1	1.1	440.2	411.0	466.8	419.1	372.6
Lithuania	1096	470	46.9	24.8	28.3	43.8	12.4	516.0	521.3	515.5	521.2	520.1
Malaysia	313	311	70.2	20.5	9.3	0.5	0.0	428.2	429.1	409.3	382.2	.
Malta	466	226	11.4	34.8	53.9	33.6	17.0	505.9	539.6	488.9	501.6	479.1
Morocco	511	384	18.5	12.8	68.7	21.7	2.2	339.9	314.3	325.0	327.0	346.5
New Zealand	211	130	1.5	49.1	49.4	3.4	39.3	569.4	513.1	485.8	447.6	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	34.3	62.3	3.3	2.9	0.9	458.2	453.0	489.7	441.4	472.5
Palestinian Nat'l Auth.	199	187	70.5	19.2	10.2	2.5	2.9	394.0	390.1	391.6	407.3	374.9
Portugal	521	395	9.2	38.4	52.4	19.0	5.1	513.7	504.5	505.9	505.0	499.9
Qatar	242	228	36.0	47.6	16.5	1.7	1.8	500.5	459.1	489.2	595.8	485.4
Romania	429	215	64.3	8.2	27.5	24.3	25.3	473.3	463.1	468.0	471.3	451.5
Saudi Arabia	214	190	50.4	33.4	16.2	4.6	5.0	421.5	410.8	424.0	440.7	413.4
Singapore	345	344	37.9	42.5	19.6	0.2	0.0	618.4	603.5	589.5	507.6	.
South Africa (9)	288	211	41.3	50.1	8.6	1.7	29.4	371.1	362.1	346.6	389.9	355.7
Sweden	814	625	37.7	55.9	6.4	9.5	14.3	526.0	520.8	515.2	527.6	511.8
Turkiye	189	188	12.2	79.1	8.6	0.6	0.0	515.9	531.8	531.8	478.5	.
United Arab Emirates	1614	1303	64.8	27.4	7.9	3.6	12.8	478.5	497.9	470.1	515.7	498.5
United States	672	553	65.3	25.8	8.9	0.8	10.5	525.2	494.3	500.5	507.0	506.1
Uzbekistan	668	557	71.4	12.7	15.9	15.2	1.4	396.0	396.7	397.0	393.1	387.5
International Avg. (43)	23553	15314	39.1	35.8	25.1	14.5	10.7	474.2	469.2	471.8	473.8	465.1
Abu Dhabi, UAE	597	477	64.8	24.9	10.4	2.8	13.5	426.0	485.4	427.5	466.9	454.5
Dubai, UAE	432	344	64.6	30.0	5.4	4.5	11.7	548.9	544.1	557.7	556.2	537.7
Sharjah, UAE	307	244	68.9	24.1	7.0	3.7	15.4	489.8	487.7	506.2	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Life cycles of mammals, birds, amphibians, insects, and plants
 Location: TQS-22Ag (BTBS22AG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	56.1	13.7	30.2	3.2	35.0	528.6	506.7	526.8	514.5	512.0
Austria	889	469	50.0	5.0	45.0	35.9	10.7	508.8	510.0	516.4	515.1	497.8
Azerbaijan	1140	499	70.9	19.0	10.1	39.4	14.1	410.8	399.1	418.6	412.5	414.9
Bahrain	223	205	82.4	9.3	8.3	5.8	0.0	439.6	486.8	513.4	479.1	.
Brazil	916	868	59.3	27.7	13.0	2.5	4.2	417.5	422.8	422.2	398.7	441.0
Chile	168	143	66.9	11.9	21.3	3.1	11.0	452.3	453.8	468.3	463.9	447.5
Chinese Taipei	239	221	65.7	2.1	32.2	8.7	0.0	566.6	559.0	577.5	591.2	.
Cote d'Ivoire	372	106	49.5	3.8	46.7	17.7	51.6	155.1	104.7	169.3	222.2	183.4
Cyprus	775	321	25.4	7.9	66.7	42.4	13.2	480.2	485.4	469.0	452.8	471.4
Czech Republic	1348	664	80.4	10.0	9.6	42.1	6.4	520.8	521.6	534.5	533.0	528.7
England	262	110	65.1	5.1	29.7	6.2	39.8	519.8	541.1	542.3	576.3	529.5
Finland	1239	624	60.5	26.7	12.8	41.2	2.9	531.0	525.1	539.4	531.4	523.3
France	379	169	85.0	9.6	5.4	43.7	11.9	487.3	487.7	452.6	490.7	472.4
Georgia	936	442	73.8	15.9	10.3	53.0	0.1	449.3	449.9	448.0	446.3	497.7
Hong Kong SAR	185	113	41.8	3.2	55.0	2.7	34.9	529.2	559.6	533.3	522.0	519.7
Hungary	1086	431	82.7	12.5	4.8	44.0	15.8	515.5	517.3	539.8	527.0	518.9
Iran, Islamic Rep. of	224	219	15.6	22.3	62.0	2.4	0.0	416.7	397.4	424.4	495.0	.
Ireland	440	379	9.5	16.9	73.6	4.6	11.5	533.3	521.6	528.9	537.2	520.0
Israel	265	234	28.2	8.0	63.8	2.1	6.8	468.8	474.4	486.6	508.7	472.1
Italy	236	226	86.8	1.6	11.6	0.9	2.9	500.4	486.1	504.8	531.7	491.0
Japan	147	142	64.9	17.8	17.3	1.0	1.7	557.1	557.4	556.8	540.7	559.5
Jordan	225	215	72.3	14.6	13.0	4.2	0.0	416.4	394.3	420.8	388.8	.
Kazakhstan	1209	850	55.6	36.7	7.6	27.9	1.4	436.1	449.1	462.9	443.1	422.9
Korea, Rep. of	243	235	54.1	5.6	40.3	1.4	2.8	546.9	544.2	544.0	551.6	535.1
Kuwait	157	151	51.3	4.1	44.6	2.8	1.1	432.5	418.5	407.7	398.8	372.6
Lithuania	1096	469	48.1	21.7	30.2	43.9	12.4	521.0	509.3	516.9	521.1	520.1
Malaysia	313	311	27.0	55.8	17.2	0.5	0.0	431.4	426.1	420.8	382.2	.
Malta	466	226	18.1	13.7	68.2	33.6	17.0	493.6	537.5	506.5	501.6	479.1
Morocco	511	382	21.2	61.5	17.3	22.3	2.2	334.1	322.2	323.8	331.6	346.5
New Zealand	211	131	18.3	22.5	59.3	3.0	39.3	494.0	494.5	504.0	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	65.6	9.6	24.8	3.0	0.9	455.7	447.7	459.7	445.0	472.5
Palestinian Nat'l Auth.	199	187	16.8	56.6	26.6	2.5	2.9	395.2	394.7	388.2	407.3	374.9
Portugal	521	396	28.5	3.0	68.5	18.8	5.1	504.6	505.5	506.5	505.7	499.9
Qatar	242	227	69.9	8.1	22.0	2.3	1.8	472.1	495.9	494.9	563.5	485.4
Romania	429	215	63.0	8.8	28.2	24.3	25.3	473.4	459.6	469.5	471.1	451.5
Saudi Arabia	214	190	75.8	19.3	4.8	4.7	5.0	419.8	418.1	399.7	437.5	413.4
Singapore	345	344	53.4	7.3	39.3	0.2	0.0	621.0	622.0	583.6	507.6	.
South Africa (9)	288	211	48.4	11.6	40.0	2.5	29.4	373.3	342.0	361.3	369.9	355.8
Sweden	814	619	66.6	6.1	27.2	10.3	14.3	522.4	511.7	524.1	528.2	511.8
Turkiye	189	188	80.9	8.0	11.1	0.6	0.0	528.6	501.2	559.0	478.5	.
United Arab Emirates	1614	1305	72.5	14.2	13.3	3.5	12.8	479.4	507.5	479.8	510.1	498.5
United States	672	553	76.8	11.6	11.6	0.8	10.5	521.5	468.3	519.5	507.0	506.1
Uzbekistan	668	558	83.1	11.1	5.8	15.0	1.4	396.1	394.0	402.1	393.4	387.5
International Avg. (43)	23553	15300	55.5	15.4	29.1	14.7	10.7	471.1	468.2	475.1	474.0	465.1
Abu Dhabi, UAE	597	480	68.8	13.7	17.5	2.3	13.5	440.3	461.2	430.4	452.7	454.5
Dubai, UAE	432	344	70.9	16.3	12.8	4.5	11.7	544.4	558.3	558.6	546.6	537.7
Sharjah, UAE	307	244	73.0	18.0	9.0	3.7	15.4	479.5	528.4	503.2	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Processes for reproduction and inheritance in plants and animals
Location: TQS-22Ah (BTBS22AH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	5.6	41.6	52.7	3.2	35.0	503.9	526.0	526.6	514.5	512.0
Austria	889	468	20.1	18.9	61.0	35.9	10.7	510.0	511.0	513.7	514.8	497.8
Azerbaijan	1140	498	56.5	15.8	27.6	39.6	14.1	407.0	401.6	419.3	412.2	414.9
Bahrain	223	205	57.6	20.5	22.0	6.0	0.0	434.2	478.5	464.0	483.1	.
Brazil	916	869	22.8	59.4	17.8	2.4	4.2	423.6	417.9	419.4	403.2	441.0
Chile	168	144	38.1	16.7	45.2	2.4	11.0	445.6	450.6	466.2	470.8	447.5
Chinese Taipei	239	222	69.8	3.1	27.1	8.0	0.0	566.6	574.7	578.8	591.2	.
Cote d'Ivoire	372	108	18.4	4.7	76.9	17.1	51.6	165.0	139.1	159.9	224.4	183.4
Cyprus	775	322	31.5	9.4	59.1	42.3	13.2	470.9	492.8	470.6	453.0	471.4
Czech Republic	1348	664	56.1	17.3	26.6	42.1	6.4	520.9	518.5	527.1	533.0	528.7
England	262	111	54.9	21.5	23.5	4.8	39.8	522.6	521.9	546.0	586.1	529.5
Finland	1239	627	25.9	25.6	48.6	40.8	2.9	530.2	524.5	533.9	531.3	523.3
France	379	171	13.5	60.4	26.1	43.0	11.9	513.7	484.1	474.1	490.8	472.4
Georgia	936	438	33.1	17.9	49.0	53.4	0.1	446.2	449.2	450.9	446.5	497.7
Hong Kong SAR	185	115	57.7	5.5	36.8	1.3	34.9	530.4	571.8	531.5	478.7	519.7
Hungary	1086	433	47.8	33.2	18.9	43.8	15.8	513.7	516.8	524.9	527.1	518.9
Iran, Islamic Rep. of	224	219	9.3	80.7	10.0	2.4	0.0	414.1	416.7	424.4	493.0	.
Ireland	440	383	4.2	44.1	51.7	3.5	11.5	523.2	532.0	524.8	544.0	520.0
Israel	265	234	6.1	35.1	58.8	2.1	6.8	465.5	478.4	483.5	508.7	472.1
Italy	236	226	31.5	53.3	15.2	0.9	2.9	506.3	499.4	493.2	531.7	491.0
Japan	147	142	1.4	7.3	91.2	1.0	1.7	537.1	552.9	557.8	540.7	559.5
Jordan	225	215	35.1	60.8	4.0	4.3	0.0	406.6	417.6	403.5	403.5	.
Kazakhstan	1209	856	41.2	49.7	9.1	27.4	1.4	431.1	447.8	466.2	444.0	422.9
Korea, Rep. of	243	235	1.5	9.1	89.4	1.4	2.8	538.8	550.2	545.3	551.6	535.1
Kuwait	157	152	29.6	54.1	16.3	2.1	1.1	406.0	423.0	433.9	443.0	372.6
Lithuania	1096	467	18.1	40.7	41.2	44.1	12.4	519.2	516.2	517.4	521.1	520.1
Malaysia	313	311	66.4	22.5	11.2	0.5	0.0	425.8	423.6	437.6	382.2	.
Malta	466	226	9.9	13.1	77.0	33.6	17.0	466.9	534.9	509.3	501.6	479.1
Morocco	511	383	10.8	65.9	23.3	21.9	2.2	325.2	327.4	322.7	328.1	346.5
New Zealand	211	130	0.0	21.8	78.2	3.1	39.3	.	500.9	499.8	450.1	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	51.5	23.4	25.2	3.6	0.9	455.0	446.5	465.6	453.4	472.5
Palestinian Nat'l Auth.	199	186	23.4	44.6	32.0	3.2	2.9	397.3	389.0	395.6	403.1	374.9
Portugal	521	396	19.0	1.3	79.7	18.8	5.1	509.0	498.8	505.3	505.7	499.9
Qatar	242	225	34.3	20.1	45.6	2.4	1.8	481.1	502.0	466.3	582.1	485.4
Romania	429	216	47.8	26.2	26.0	24.2	25.3	471.6	470.9	470.6	470.9	451.5
Saudi Arabia	214	189	39.7	24.9	35.4	5.2	5.0	420.9	403.1	429.5	418.0	413.4
Singapore	345	344	11.4	69.2	19.4	0.2	0.0	610.6	601.6	621.0	507.6	.
South Africa (9)	288	212	23.2	54.1	22.8	2.5	29.4	384.8	357.8	361.4	368.6	355.8
Sweden	814	623	26.7	15.0	58.3	8.9	14.3	528.7	528.3	519.1	522.0	511.8
Turkiye	189	188	69.1	30.0	0.8	0.6	0.0	531.7	525.1	546.8	478.5	.
United Arab Emirates	1614	1303	40.2	46.6	13.2	3.6	12.8	459.1	495.0	516.4	510.4	498.5
United States	672	552	52.3	41.3	6.4	1.1	10.5	524.2	503.9	515.5	492.6	506.1
Uzbekistan	668	557	57.7	10.6	31.7	15.3	1.4	398.5	391.0	394.3	392.4	387.5
International Avg. (43)	23553	15315	31.9	31.1	37.0	14.5	10.7	467.7	472.4	475.2	474.6	465.1
Abu Dhabi, UAE	597	479	40.8	44.5	14.7	2.5	13.5	406.7	462.3	473.9	456.3	454.5
Dubai, UAE	432	344	37.3	48.6	14.2	4.5	11.7	528.1	556.6	574.3	545.9	537.7
Sharjah, UAE	307	242	38.6	48.7	12.7	4.0	15.4	476.6	489.0	537.4	530.6	533.2

Question: When students in this class have been taught each of the following science topics. Biology: How variation in traits relates to natural selection and changes in life on Earth over time
Location: TQS-22Ai (BTBS22AI)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	7.2	10.1	82.7	3.2	35.0	537.0	496.4	527.5	514.5	512.0
Austria	889	469	16.7	15.2	68.1	35.8	10.7	506.1	508.3	514.8	515.0	497.8
Azerbaijan	1140	499	25.1	16.5	58.5	39.4	14.1	413.0	406.1	409.5	411.9	414.9
Bahrain	223	206	41.2	11.4	47.3	5.3	0.0	439.1	500.7	446.7	488.9	.
Brazil	916	870	27.0	19.9	53.1	2.2	4.2	424.1	392.6	427.1	403.1	441.0
Chile	168	144	24.9	12.6	62.5	2.5	11.0	440.3	462.3	460.6	470.3	447.5
Chinese Taipei	239	222	65.9	2.9	31.2	8.0	0.0	566.6	553.3	579.2	591.2	.
Cote d'Ivoire	372	108	1.9	4.0	94.0	17.1	51.6	106.5	124.4	162.5	224.4	183.4
Cyprus	775	324	14.6	9.9	75.5	42.1	13.2	464.1	477.1	473.6	453.2	471.4
Czech Republic	1348	662	37.6	13.8	48.6	42.3	6.4	521.4	516.2	524.4	533.0	528.7
England	262	111	32.0	23.3	44.8	4.8	39.8	538.2	517.5	526.1	586.1	529.5
Finland	1239	624	29.5	21.7	48.8	41.0	2.9	525.9	532.2	532.8	531.2	523.3
France	379	169	6.9	6.8	86.4	43.2	11.9	511.6	488.7	483.9	490.1	472.4
Georgia	936	440	16.1	15.3	68.5	53.3	0.1	453.2	445.8	449.1	446.4	497.7
Hong Kong SAR	185	115	36.2	5.5	58.4	1.3	34.9	533.8	543.9	531.6	478.7	519.7
Hungary	1086	430	54.3	20.0	25.7	44.0	15.8	511.6	520.5	525.6	526.9	518.9
Iran, Islamic Rep. of	224	220	10.1	53.9	36.0	1.9	0.0	403.7	415.1	424.5	506.3	.
Ireland	440	382	3.8	40.1	56.1	4.0	11.5	499.9	530.3	527.9	544.9	520.0
Israel	265	233	9.0	24.2	66.7	2.8	6.8	487.0	477.5	480.3	514.5	472.1
Italy	236	226	21.6	36.4	42.0	0.9	2.9	503.7	498.1	501.3	531.7	491.0
Japan	147	142	1.8	7.5	90.7	1.0	1.7	614.7	552.1	556.4	540.7	559.5
Jordan	225	216	42.9	20.3	36.8	3.8	0.0	409.6	401.4	423.4	406.3	.
Kazakhstan	1209	858	31.6	46.8	21.6	27.4	1.4	435.7	443.6	453.7	442.2	422.9
Korea, Rep. of	243	235	38.7	6.9	54.4	1.4	2.8	545.2	543.4	546.2	551.6	535.1
Kuwait	157	153	28.0	16.0	56.1	1.4	1.1	422.8	420.1	419.6	396.8	372.6
Lithuania	1096	469	28.0	36.5	35.5	43.9	12.4	518.4	515.5	518.2	521.1	520.1
Malaysia	313	311	34.7	30.2	35.2	0.5	0.0	425.9	422.6	430.8	382.2	.
Malta	466	227	9.4	11.6	79.0	33.4	17.0	499.4	538.6	504.3	502.5	479.1
Morocco	511	383	12.4	17.7	69.9	22.2	2.2	335.6	327.9	323.2	329.6	346.5
New Zealand	211	131	0.0	17.8	82.2	3.0	39.3	.	530.1	493.5	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	44.5	7.0	48.6	3.9	0.9	453.6	446.3	459.5	446.5	472.5
Palestinian Nat'l Auth.	199	186	19.1	13.0	67.9	3.2	2.9	403.8	371.8	394.1	403.1	374.9
Portugal	521	395	9.5	11.0	79.5	19.0	5.1	506.0	500.4	506.7	505.5	499.9
Qatar	242	227	25.1	19.8	55.0	1.9	1.8	455.8	522.1	473.8	593.8	485.4
Romania	429	216	19.7	53.7	26.6	24.2	25.3	470.6	471.5	470.9	470.9	451.5
Saudi Arabia	214	188	45.9	15.5	38.6	5.7	5.0	422.9	427.5	412.3	418.4	413.4
Singapore	345	344	7.4	21.3	71.2	0.2	0.0	592.4	625.7	602.1	507.6	.
South Africa (9)	288	209	27.7	9.2	63.1	3.8	29.4	361.7	362.9	364.6	389.1	355.8
Sweden	814	621	16.7	4.3	79.0	10.0	14.3	524.6	554.6	520.3	526.7	511.8
Turkiye	189	188	9.3	88.9	1.8	0.6	0.0	511.8	530.1	606.7	478.5	.
United Arab Emirates	1614	1305	27.3	50.0	22.7	3.6	12.8	471.5	466.3	535.2	510.7	498.5
United States	672	552	40.0	55.2	4.8	0.8	10.5	523.9	506.7	537.8	506.4	506.1
Uzbekistan	668	558	30.0	11.3	58.6	15.2	1.4	398.9	392.0	395.9	392.7	387.5
International Avg. (43)	23553	15318	24.0	21.7	54.3	14.5	10.7	468.8	471.6	475.8	475.2	465.1
Abu Dhabi, UAE	597	480	28.4	54.0	17.7	2.3	13.5	426.6	425.2	515.0	452.7	454.5
Dubai, UAE	432	345	26.9	43.2	29.9	4.3	11.7	536.5	535.6	577.2	550.2	537.7
Sharjah, UAE	307	243	24.3	51.6	24.0	3.9	15.4	484.4	478.6	521.7	531.5	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Interpreting food web diagrams and the flow of energy in ecosystems
Location: TQS-22Aj (BTBS22AJ)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	62.7	20.0	17.3	3.2	35.0	522.6	526.2	532.7	514.5	512.0
Austria	889	470	37.1	9.7	53.2	35.8	10.7	511.7	495.5	516.4	514.6	497.8
Azerbaijan	1140	496	23.3	21.2	55.5	39.9	14.1	418.6	400.5	409.2	412.2	414.9
Bahrain	223	206	77.6	10.8	11.7	5.3	0.0	443.6	470.5	471.5	488.9	.
Brazil	916	871	75.7	13.4	10.8	2.2	4.2	421.1	417.1	410.7	402.9	441.0
Chile	168	145	68.3	8.0	23.8	1.8	11.0	450.7	463.5	465.4	500.7	447.5
Chinese Taipei	239	222	70.0	2.9	27.1	8.0	0.0	567.0	564.8	578.8	591.2	.
Cote d'Ivoire	372	107	6.8	2.0	91.1	17.4	51.6	123.8	251.8	161.0	222.6	183.4
Cyprus	775	322	41.2	13.7	45.1	42.4	13.2	463.7	490.6	474.6	453.6	471.4
Czech Republic	1348	658	58.5	9.2	32.2	42.4	6.4	522.8	515.3	522.9	533.0	528.7
England	262	111	73.4	9.7	16.9	4.8	39.8	530.1	509.4	529.4	586.1	529.5
Finland	1239	627	22.7	60.4	16.9	40.8	2.9	533.6	531.2	524.0	531.3	523.3
France	379	168	65.6	7.5	26.9	43.9	11.9	487.5	494.9	478.5	490.5	472.4
Georgia	936	441	28.1	15.7	56.1	53.1	0.1	448.8	453.3	448.4	446.4	497.7
Hong Kong SAR	185	116	28.6	52.6	18.7	0.9	34.9	541.3	533.7	519.8	443.5	519.7
Hungary	1086	432	75.5	14.5	10.0	43.9	15.8	515.5	532.9	506.9	526.8	518.9
Iran, Islamic Rep. of	224	219	16.2	23.0	60.8	2.2	0.0	410.7	399.9	425.7	493.4	.
Ireland	440	382	11.0	31.5	57.5	3.7	11.5	528.8	525.8	529.1	541.5	520.0
Israel	265	234	16.2	42.2	41.6	2.1	6.8	488.1	473.9	484.6	508.7	472.1
Italy	236	225	58.3	4.1	37.6	1.3	2.9	499.3	487.8	504.5	511.0	491.0
Japan	147	142	0.0	7.8	92.2	1.0	1.7	.	557.4	557.1	540.7	559.5
Jordan	225	217	69.1	21.2	9.7	3.4	0.0	411.9	403.0	440.7	410.1	.
Kazakhstan	1209	859	52.1	35.2	12.8	27.2	1.4	440.4	442.2	451.1	444.5	422.9
Korea, Rep. of	243	235	56.0	7.4	36.6	1.4	2.8	542.8	541.3	550.8	551.6	535.1
Kuwait	157	153	74.3	10.2	15.5	1.4	1.1	413.8	436.3	442.7	396.8	372.6
Lithuania	1096	469	34.4	25.0	40.6	43.9	12.4	521.2	511.6	517.2	521.2	520.1
Malaysia	313	311	8.8	90.4	0.7	0.5	0.0	437.3	426.1	362.4	382.2	.
Malta	466	226	19.6	26.6	53.8	33.7	17.0	495.1	537.8	497.4	502.7	479.1
Morocco	511	385	73.8	8.5	17.8	21.4	2.2	324.6	331.1	328.5	328.8	346.5
New Zealand	211	131	10.4	57.4	32.3	3.0	39.3	482.0	499.2	507.4	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	80.3	12.0	7.7	3.0	0.9	456.9	441.0	469.5	445.0	472.5
Palestinian Nat'l Auth.	199	186	67.4	12.5	20.2	3.0	2.9	399.1	376.7	383.9	399.3	374.9
Portugal	521	396	3.3	62.8	33.9	18.8	5.1	528.8	505.0	505.5	505.7	499.9
Qatar	242	228	67.5	20.2	12.3	1.7	1.8	466.3	511.9	494.3	595.8	485.4
Romania	429	216	52.8	17.4	29.9	24.2	25.3	473.3	466.0	470.4	470.9	451.5
Saudi Arabia	214	191	78.1	15.7	6.1	4.2	5.0	422.0	412.3	396.3	431.2	413.4
Singapore	345	344	12.6	71.7	15.7	0.2	0.0	620.1	622.0	524.1	507.6	.
South Africa (9)	288	211	74.1	15.4	10.4	2.6	29.4	368.8	355.6	350.4	369.1	355.8
Sweden	814	618	59.2	22.8	18.0	10.4	14.3	526.8	520.4	508.7	529.2	511.8
Turkiye	189	188	8.0	88.7	3.3	0.6	0.0	500.0	532.2	540.0	478.5	.
United Arab Emirates	1614	1305	75.7	16.8	7.5	3.6	12.8	481.7	488.0	490.8	508.8	498.5
United States	672	553	72.1	21.7	6.2	0.8	10.5	521.5	495.5	508.8	507.0	506.1
Uzbekistan	668	558	27.2	14.1	58.7	15.2	1.4	393.8	395.4	397.9	392.1	387.5
International Avg. (43)	23553	15326	46.4	24.5	29.1	14.4	10.7	468.0	473.2	469.5	474.0	465.1
Abu Dhabi, UAE	597	479	73.2	18.9	7.9	2.8	13.5	439.8	445.5	446.0	452.7	454.5
Dubai, UAE	432	345	73.5	19.9	6.5	4.3	11.7	549.1	544.7	549.8	550.2	537.7
Sharjah, UAE	307	244	78.2	14.6	7.3	3.7	15.4	486.4	497.1	520.4	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Cycling of water, oxygen, and carbon through ecosystems
Location: TQS-22Ak (BTBS22AK)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	35.6	23.0	41.4	3.2	35.0	521.0	508.7	537.6	514.5	512.0
Austria	889	469	42.9	13.6	43.5	36.0	10.7	505.6	515.5	518.6	514.6	497.8
Azerbaijan	1140	505	34.6	17.7	47.8	38.9	14.1	412.0	407.4	409.0	412.0	414.9
Bahrain	223	205	62.8	26.8	10.4	5.8	0.0	447.1	450.8	467.0	479.1	.
Brazil	916	873	69.2	14.4	16.4	2.1	4.2	420.7	411.9	420.7	403.0	441.0
Chile	168	145	51.7	11.3	36.9	1.8	11.0	443.4	456.4	471.4	500.7	447.5
Chinese Taipei	239	222	68.7	6.6	24.7	8.0	0.0	566.7	583.8	576.0	591.2	.
Cote d'Ivoire	372	107	17.6	9.4	73.0	17.6	51.6	158.2	141.5	162.6	222.8	183.4
Cyprus	775	328	17.0	17.0	66.0	41.5	13.2	486.6	486.3	464.9	453.3	471.4
Czech Republic	1348	670	44.0	15.6	40.4	41.6	6.4	517.7	520.1	528.4	532.9	528.7
England	262	109	32.8	14.2	53.0	6.6	39.8	531.7	537.0	522.8	572.2	529.5
Finland	1239	648	41.1	45.0	14.0	39.1	2.9	533.8	525.7	539.1	530.9	523.3
France	379	170	48.2	8.0	43.9	43.5	11.9	483.9	467.0	488.8	491.5	472.4
Georgia	936	451	26.3	19.6	54.1	52.1	0.1	448.3	457.9	448.3	445.5	497.7
Hong Kong SAR	185	115	17.0	56.4	26.6	1.3	34.9	518.9	531.0	546.6	478.7	519.7
Hungary	1086	436	68.2	22.2	9.7	43.6	15.8	516.4	512.8	529.5	527.1	518.9
Iran, Islamic Rep. of	224	219	27.3	23.8	48.8	2.3	0.0	412.8	399.6	428.3	494.8	.
Ireland	440	382	8.8	32.5	58.7	3.8	11.5	526.3	528.5	527.9	542.0	520.0
Israel	265	233	24.0	17.8	58.2	2.5	6.8	492.2	474.0	478.5	492.6	472.1
Italy	236	226	79.7	4.0	16.2	0.9	2.9	498.1	513.6	510.2	531.7	491.0
Japan	147	142	0.0	15.1	84.9	1.0	1.7	.	550.2	558.3	540.7	559.5
Jordan	225	214	63.8	19.6	16.6	3.8	0.0	413.8	388.2	437.8	411.9	.
Kazakhstan	1209	857	48.2	31.2	20.5	27.3	1.4	438.1	439.9	457.3	443.9	422.9
Korea, Rep. of	243	235	33.1	20.9	46.0	1.4	2.8	541.1	549.4	547.2	551.6	535.1
Kuwait	157	153	56.5	12.3	31.1	1.4	1.1	412.2	414.4	438.2	396.8	372.6
Lithuania	1096	475	28.3	20.8	50.9	43.3	12.4	525.5	517.6	512.5	521.1	520.1
Malaysia	313	311	15.8	83.6	0.6	0.5	0.0	444.5	423.8	348.8	382.2	.
Malta	466	227	13.0	11.4	75.5	33.4	17.0	493.8	536.3	505.9	502.5	479.1
Morocco	511	387	61.7	11.6	26.6	21.0	2.2	328.1	328.4	318.7	329.6	346.5
New Zealand	211	131	9.2	38.6	52.2	3.0	39.3	490.3	497.6	503.6	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	74.0	10.2	15.8	3.0	0.9	456.2	449.9	458.3	445.0	472.5
Palestinian Nat'l Auth.	199	187	68.1	9.3	22.7	2.5	2.9	396.4	379.3	388.6	407.3	374.9
Portugal	521	396	6.4	60.9	32.6	18.8	5.1	509.2	505.7	505.7	505.7	499.9
Qatar	242	228	55.8	25.2	18.9	1.7	1.8	460.6	504.8	498.6	595.8	485.4
Romania	429	217	45.8	28.5	25.7	23.8	25.3	474.1	467.8	471.2	470.1	451.5
Saudi Arabia	214	190	66.1	16.8	17.1	5.0	5.0	417.3	407.8	435.6	430.4	413.4
Singapore	345	344	21.4	39.6	39.0	0.2	0.0	601.1	626.0	589.4	507.6	.
South Africa (9)	288	211	48.2	18.1	33.7	2.5	29.4	353.9	389.3	367.1	372.8	355.8
Sweden	814	622	39.5	44.4	16.1	9.9	14.3	518.7	525.2	522.2	529.3	511.8
Turkiye	189	188	7.3	82.7	10.1	0.6	0.0	487.6	530.9	551.7	478.5	.
United Arab Emirates	1614	1302	67.4	17.7	14.9	3.6	12.8	474.1	493.2	512.9	512.4	498.5
United States	672	551	67.2	26.0	6.8	0.9	10.5	523.2	500.2	492.8	503.9	506.1
Uzbekistan	668	558	29.6	13.0	57.4	15.2	1.4	397.8	391.9	396.7	392.5	387.5
International Avg. (43)	23553	15391	40.6	24.6	34.9	14.3	10.7	466.6	470.9	474.3	474.7	465.1
Abu Dhabi, UAE	597	478	67.1	18.1	14.8	2.6	13.5	431.9	457.7	462.7	461.4	454.5
Dubai, UAE	432	344	62.5	20.7	16.8	4.3	11.7	545.1	541.9	567.8	550.1	537.7
Sharjah, UAE	307	242	66.2	19.0	14.8	4.1	15.4	476.7	496.2	543.8	530.8	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Predation, competition, and symbiosis in ecosystems
 Location: TQS-22A1 (BTBS22AL)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	31.7	18.1	50.1	3.5	35.0	531.9	513.2	525.0	515.3	512.0
Austria	889	466	41.4	5.0	53.5	36.1	10.7	507.1	515.4	516.5	514.7	497.8
Azerbaijan	1140	491	52.2	13.8	34.0	40.2	14.1	410.6	403.5	408.6	412.9	414.9
Bahrain	223	204	79.2	6.8	14.0	5.8	0.0	440.4	497.0	478.4	488.5	.
Brazil	916	863	68.8	14.6	16.5	2.5	4.2	423.2	420.2	403.3	402.3	441.0
Chile	168	145	55.2	5.0	39.8	1.8	11.0	445.1	454.2	469.4	500.7	447.5
Chinese Taipei	239	222	71.1	1.2	27.8	8.0	0.0	567.5	544.1	578.0	591.2	.
Cote d'Ivoire	372	105	15.1	1.2	83.7	17.7	51.6	156.2	96.3	162.3	221.1	183.4
Cyprus	775	324	43.0	11.6	45.4	42.1	13.2	455.4	498.8	482.1	453.2	471.4
Czech Republic	1348	661	62.6	9.0	28.4	42.3	6.4	522.8	513.6	522.9	533.2	528.7
England	262	111	54.4	13.5	32.1	4.8	39.8	532.4	529.1	520.0	586.1	529.5
Finland	1239	624	17.7	71.7	10.7	41.3	2.9	528.6	530.6	530.1	531.8	523.3
France	379	170	41.0	13.4	45.6	43.2	11.9	486.7	496.0	481.0	490.9	472.4
Georgia	936	438	25.0	16.4	58.6	53.3	0.1	453.6	451.2	446.8	446.4	497.7
Hong Kong SAR	185	115	21.4	29.5	49.1	1.3	34.9	530.8	544.7	527.1	478.7	519.7
Hungary	1086	432	79.6	15.6	4.8	43.9	15.8	515.3	525.3	514.4	527.1	518.9
Iran, Islamic Rep. of	224	218	11.8	18.1	70.1	2.8	0.0	425.7	396.8	421.5	470.7	.
Ireland	440	383	8.0	31.0	61.0	3.5	11.5	527.7	519.5	532.3	544.0	520.0
Israel	265	234	14.8	46.6	38.6	2.1	6.8	488.9	474.3	485.1	508.7	472.1
Italy	236	225	57.6	2.6	39.7	1.4	2.9	499.8	508.7	501.4	520.9	491.0
Japan	147	142	0.5	6.3	93.2	1.0	1.7	575.2	561.9	556.7	540.7	559.5
Jordan	225	217	79.1	17.3	3.6	3.4	0.0	415.1	394.2	451.9	410.1	.
Kazakhstan	1209	857	44.5	38.4	17.1	27.3	1.4	437.8	443.1	453.0	444.4	422.9
Korea, Rep. of	243	235	43.2	6.2	50.7	1.4	2.8	546.1	547.8	544.9	551.6	535.1
Kuwait	157	152	63.5	13.1	23.4	2.1	1.1	410.7	430.7	445.3	364.2	372.6
Lithuania	1096	469	26.6	25.8	47.6	43.8	12.4	525.0	513.5	515.1	521.0	520.1
Malaysia	313	311	7.4	91.3	1.4	0.5	0.0	445.3	424.9	442.5	382.2	.
Malta	466	226	8.1	26.7	65.2	33.5	17.0	498.4	538.7	496.2	502.6	479.1
Morocco	511	382	62.3	8.4	29.4	21.9	2.2	322.4	332.2	332.4	327.7	346.5
New Zealand	211	131	3.9	41.8	54.3	3.0	39.3	480.2	493.6	506.5	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	74.9	10.5	14.7	3.3	0.9	452.8	455.3	473.0	443.9	472.5
Palestinian Nat'l Auth.	199	187	76.9	11.8	11.3	2.5	2.9	396.1	378.1	387.6	407.3	374.9
Portugal	521	396	2.8	63.2	34.0	18.8	5.1	515.0	506.0	505.0	505.7	499.9
Qatar	242	228	66.1	20.1	13.9	1.7	1.8	460.6	523.6	501.9	595.8	485.4
Romania	429	216	54.3	18.2	27.6	24.2	25.3	473.4	460.9	473.5	470.9	451.5
Saudi Arabia	214	188	81.7	10.1	8.2	5.9	5.0	420.4	416.8	402.0	433.0	413.4
Singapore	345	344	11.4	68.0	20.6	0.2	0.0	619.1	622.5	546.2	507.6	.
South Africa (9)	288	211	53.8	13.3	32.9	2.5	29.4	362.1	383.1	361.9	370.0	355.8
Sweden	814	619	56.7	17.3	26.0	10.3	14.3	524.4	527.1	514.3	528.3	511.8
Turkiye	189	187	8.8	49.1	42.0	1.0	0.0	512.0	528.1	535.8	492.2	.
United Arab Emirates	1614	1299	67.1	19.2	13.7	3.9	12.8	479.8	491.8	491.6	501.1	498.5
United States	672	553	64.0	26.0	10.0	0.8	10.5	521.5	509.1	489.4	507.0	506.1
Uzbekistan	668	553	26.8	10.0	63.2	15.8	1.4	396.7	387.6	397.3	393.9	387.5
International Avg. (43)	23553	15282	42.7	22.3	35.1	14.6	10.7	470.7	472.2	472.8	474.1	465.1
Abu Dhabi, UAE	597	477	65.9	19.0	15.1	2.9	13.5	440.3	454.1	430.6	451.1	454.5
Dubai, UAE	432	343	64.5	23.2	12.3	4.9	11.7	550.3	544.2	555.4	528.3	537.7
Sharjah, UAE	307	241	66.8	16.6	16.6	4.6	15.4	477.2	503.3	530.6	525.5	533.2

Question: When students in this class have been taught each of the following science topics. Biology: How changes in an ecosystem affect the populations of organisms that live there
Location: TQS-22Am (BTBS22AM)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	38.2	23.7	38.2	3.2	35.0	530.5	513.2	527.0	514.5	512.0
Austria	889	468	34.0	9.5	56.5	36.0	10.7	504.8	513.7	516.7	515.0	497.8
Azerbaijan	1140	487	24.1	15.2	60.7	40.7	14.1	416.9	399.7	409.6	411.8	414.9
Bahrain	223	206	70.5	13.1	16.4	5.3	0.0	439.3	479.7	470.8	488.9	.
Brazil	916	866	64.2	23.3	12.5	2.6	4.2	422.5	415.3	411.8	402.9	441.0
Chile	168	144	55.8	6.3	37.9	2.8	11.0	442.7	477.5	469.2	494.3	447.5
Chinese Taipei	239	222	70.8	3.8	25.4	8.0	0.0	567.1	564.1	579.5	591.2	.
Cote d'Ivoire	372	108	18.5	4.3	77.2	17.1	51.6	132.9	169.3	165.8	224.4	183.4
Cyprus	775	324	36.6	17.3	46.1	42.1	13.2	459.6	499.3	473.0	453.1	471.4
Czech Republic	1348	661	46.2	11.9	41.9	42.5	6.4	521.0	516.6	525.2	532.8	528.7
England	262	111	52.2	14.3	33.6	4.8	39.8	530.2	521.2	527.4	586.1	529.5
Finland	1239	624	18.4	65.3	16.3	41.0	2.9	530.4	530.1	533.3	531.1	523.3
France	379	168	59.7	13.8	26.5	43.7	11.9	491.9	485.8	470.9	490.7	472.4
Georgia	936	445	22.5	17.8	59.7	53.0	0.1	445.6	453.8	449.8	446.1	497.7
Hong Kong SAR	185	115	25.8	32.2	42.0	1.3	34.9	530.0	543.7	526.8	478.7	519.7
Hungary	1086	433	66.1	17.6	16.3	43.8	15.8	514.5	517.9	524.9	527.1	518.9
Iran, Islamic Rep. of	224	217	11.9	21.5	66.7	3.3	0.0	409.8	410.7	421.9	446.9	.
Ireland	440	381	8.3	28.9	62.8	4.4	11.5	519.4	526.6	529.7	540.2	520.0
Israel	265	234	18.5	46.8	34.6	2.1	6.8	491.6	480.0	475.6	508.7	472.1
Italy	236	226	47.6	10.1	42.4	0.9	2.9	501.8	491.7	501.5	531.7	491.0
Japan	147	142	0.0	4.8	95.2	1.0	1.7	.	556.9	557.1	540.7	559.5
Jordan	225	214	69.3	20.1	10.5	5.5	0.0	414.5	394.3	443.9	399.3	.
Kazakhstan	1209	855	44.1	36.4	19.5	27.4	1.4	437.0	445.6	448.4	444.6	422.9
Korea, Rep. of	243	235	47.0	9.2	43.8	1.4	2.8	545.8	538.0	546.9	551.6	535.1
Kuwait	157	152	68.6	13.6	17.8	1.9	1.1	417.0	423.0	432.0	407.3	372.6
Lithuania	1096	468	28.5	26.6	44.9	44.0	12.4	526.0	512.9	513.6	521.4	520.1
Malaysia	313	311	6.7	91.8	1.5	0.5	0.0	453.7	425.2	393.7	382.2	.
Malta	466	227	11.8	28.1	60.1	33.4	17.0	500.4	535.4	496.4	502.5	479.1
Morocco	511	386	60.0	11.6	28.3	21.2	2.2	326.2	324.3	325.6	329.1	346.5
New Zealand	211	131	6.4	45.9	47.7	3.0	39.3	507.2	502.9	496.4	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	78.1	11.5	10.3	3.0	0.9	453.8	465.4	461.6	445.0	472.5
Palestinian Nat'l Auth.	199	186	59.3	14.0	26.6	3.0	2.9	394.8	390.6	390.9	401.9	374.9
Portugal	521	396	2.9	64.2	32.8	18.8	5.1	515.3	505.4	506.2	505.7	499.9
Qatar	242	228	57.7	30.4	11.9	1.7	1.8	466.1	497.5	493.8	595.8	485.4
Romania	429	216	38.4	35.1	26.5	24.5	25.3	471.3	472.2	471.5	469.9	451.5
Saudi Arabia	214	188	71.3	20.0	8.8	5.9	5.0	417.5	423.4	418.5	429.1	413.4
Singapore	345	344	13.6	72.3	14.1	0.2	0.0	614.2	621.6	520.8	507.6	.
South Africa (9)	288	211	53.5	17.6	29.0	2.4	29.4	361.2	374.3	365.3	374.3	355.8
Sweden	814	620	52.9	18.1	29.0	10.2	14.3	523.6	533.7	512.7	528.0	511.8
Turkiye	189	187	22.2	61.4	16.4	1.4	0.0	533.0	527.1	536.1	505.3	.
United Arab Emirates	1614	1303	61.4	27.0	11.6	3.7	12.8	482.7	476.3	503.3	509.9	498.5
United States	672	552	57.0	34.7	8.3	0.9	10.5	526.2	504.4	482.3	514.0	506.1
Uzbekistan	668	553	25.5	11.0	63.5	15.8	1.4	393.6	392.6	398.2	392.7	387.5
International Avg. (43)	23553	15297	40.1	25.6	34.2	14.6	10.7	468.7	473.3	470.4	474.9	465.1
Abu Dhabi, UAE	597	479	57.5	33.4	9.1	2.3	13.5	446.5	428.3	458.2	451.9	454.5
Dubai, UAE	432	345	61.5	28.2	10.3	4.3	11.7	550.5	540.8	555.6	550.2	537.7
Sharjah, UAE	307	243	61.6	23.0	15.4	4.5	15.4	474.2	506.1	531.6	527.0	533.2

Question: When students in this class have been taught each of the following science topics. Biology: How human actions can positively or negatively impact the environment
Location: TQS-22An (BTBS22AN)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	33.2	39.5	27.4	3.2	35.0	531.3	514.6	532.6	514.5	512.0
Austria	889	470	39.4	31.4	29.2	36.0	10.7	513.1	505.8	519.3	514.6	497.8
Azerbaijan	1140	503	35.4	44.7	19.9	39.2	14.1	414.1	410.0	399.5	412.5	414.9
Bahrain	223	205	50.7	37.8	11.5	5.7	0.0	441.8	463.9	438.2	486.2	.
Brazil	916	869	50.3	41.6	8.1	2.5	4.2	428.7	410.7	407.7	402.1	441.0
Chile	168	145	66.8	15.5	17.7	1.8	11.0	449.6	456.3	475.4	500.7	447.5
Chinese Taipei	239	221	67.5	7.7	24.8	8.7	0.0	566.5	574.1	578.6	589.9	.
Cote d'Ivoire	372	108	56.1	7.7	36.2	17.1	51.6	155.6	172.1	163.8	224.4	183.4
Cyprus	775	325	41.0	25.0	33.9	42.0	13.2	453.6	504.0	472.2	453.2	471.4
Czech Republic	1348	671	31.9	24.7	43.4	41.6	6.4	519.3	516.6	527.6	533.1	528.7
England	262	111	53.6	15.3	31.2	4.8	39.8	523.9	531.5	533.2	586.1	529.5
Finland	1239	637	23.0	59.4	17.5	40.4	2.9	522.1	532.2	538.0	530.8	523.3
France	379	170	45.4	30.8	23.7	43.1	11.9	489.7	478.6	486.9	490.6	472.4
Georgia	936	449	41.9	24.0	34.1	52.4	0.1	452.9	448.6	448.0	445.4	497.7
Hong Kong SAR	185	116	30.4	55.5	14.0	0.9	34.9	540.5	528.3	537.3	443.5	519.7
Hungary	1086	435	68.8	24.0	7.2	43.6	15.8	514.1	517.0	544.7	527.0	518.9
Iran, Islamic Rep. of	224	220	28.5	36.1	35.4	1.9	0.0	413.4	411.3	426.7	506.3	.
Ireland	440	383	9.1	44.2	46.7	3.5	11.5	528.2	526.0	529.7	544.0	520.0
Israel	265	234	20.5	53.9	25.6	2.1	6.8	485.2	479.8	478.7	508.7	472.1
Italy	236	225	49.6	37.3	13.2	1.3	2.9	510.2	492.2	489.7	512.0	491.0
Japan	147	142	1.3	5.9	92.9	1.0	1.7	615.3	575.6	555.2	540.7	559.5
Jordan	225	215	66.9	23.7	9.4	4.8	0.0	416.4	398.3	428.5	402.4	.
Kazakhstan	1209	859	54.4	34.3	11.3	27.4	1.4	440.7	446.7	441.1	443.4	422.9
Korea, Rep. of	243	235	50.3	23.2	26.5	1.4	2.8	546.6	542.6	546.4	551.6	535.1
Kuwait	157	152	68.5	16.9	14.5	2.1	1.1	411.6	453.0	420.3	435.0	372.6
Lithuania	1096	474	36.8	26.0	37.2	43.4	12.4	522.0	515.9	513.7	521.1	520.1
Malaysia	313	311	14.7	83.3	2.0	0.5	0.0	434.5	425.7	407.6	382.2	.
Malta	466	227	21.8	19.8	58.4	33.4	17.0	494.2	537.9	502.7	502.5	479.1
Morocco	511	383	76.1	11.8	12.1	21.8	2.2	327.1	316.0	326.6	329.3	346.5
New Zealand	211	130	9.6	57.7	32.7	4.7	39.3	509.7	499.0	494.2	485.8	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	77.1	14.1	8.8	3.0	0.9	455.5	458.7	455.5	445.0	472.5
Palestinian Nat'l Auth.	199	186	68.2	17.9	13.9	3.1	2.9	394.4	379.7	405.2	396.3	374.9
Portugal	521	397	4.8	63.2	32.0	18.7	5.1	514.6	506.5	503.4	505.9	499.9
Qatar	242	228	55.1	36.9	7.9	1.7	1.8	466.8	489.7	513.3	595.8	485.4
Romania	429	218	30.8	51.0	18.2	23.5	25.3	470.8	471.4	473.9	469.9	451.5
Saudi Arabia	214	191	50.6	42.7	6.8	4.2	5.0	414.0	426.6	405.0	433.0	413.4
Singapore	345	344	13.8	77.0	9.2	0.2	0.0	599.5	611.9	570.7	507.6	.
South Africa (9)	288	208	45.9	22.3	31.8	3.6	29.4	366.8	377.7	351.4	377.8	355.8
Sweden	814	621	37.1	36.3	26.6	9.8	14.3	526.2	521.0	518.8	527.7	511.8
Turkiye	189	187	51.0	46.3	2.7	1.0	0.0	531.9	526.1	550.6	509.2	.
United Arab Emirates	1614	1306	57.5	34.7	7.7	3.6	12.8	486.9	475.7	492.0	510.9	498.5
United States	672	553	50.2	41.1	8.7	0.8	10.5	526.7	506.1	490.4	507.0	506.1
Uzbekistan	668	556	35.7	45.7	18.6	15.4	1.4	390.8	397.5	404.5	392.4	387.5
International Avg. (43)	23553	15372	42.4	34.6	23.0	14.4	10.7	472.5	472.9	472.1	476.7	465.1
Abu Dhabi, UAE	597	479	48.0	45.0	7.0	2.4	13.5	453.2	426.1	458.1	455.0	454.5
Dubai, UAE	432	345	54.2	36.3	9.6	4.3	11.7	548.8	546.2	553.0	550.2	537.7
Sharjah, UAE	307	244	68.7	27.3	4.0	3.7	15.4	486.0	503.5	476.1	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Biology: How to prevent transmission of common diseases among humans

Location: TQS-22Ao (BTBS22A0)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	4.8	18.3	76.8	3.3	35.0	505.2	519.9	527.5	514.9	512.0
Austria	889	468	11.8	42.6	45.6	36.2	10.7	504.1	505.0	521.5	514.9	497.8
Azerbaijan	1140	504	26.6	55.0	18.4	39.0	14.1	409.7	408.9	409.0	412.8	414.9
Bahrain	223	206	26.5	65.9	7.6	5.3	0.0	441.6	446.5	506.5	488.9	.
Brazil	916	869	39.0	52.2	8.8	2.6	4.2	423.3	413.3	441.4	396.2	441.0
Chile	168	145	71.2	24.4	4.4	1.8	11.0	453.2	453.7	496.8	500.7	447.5
Chinese Taipei	239	222	64.9	5.5	29.6	8.0	0.0	568.2	561.7	576.0	591.2	.
Cote d'Ivoire	372	108	8.7	40.1	51.3	17.1	51.6	161.0	155.0	163.5	224.4	183.4
Cyprus	775	324	6.5	15.3	78.2	42.1	13.2	480.8	484.0	469.6	453.2	471.4
Czech Republic	1348	664	22.1	60.3	17.7	42.3	6.4	520.3	519.8	532.6	532.9	528.7
England	262	111	21.1	27.8	51.1	4.8	39.8	536.8	546.1	514.5	586.1	529.5
Finland	1239	624	4.4	7.6	87.9	41.1	2.9	524.0	523.3	531.7	531.0	523.3
France	379	169	2.8	16.5	80.6	43.4	11.9	489.5	498.4	482.6	490.8	472.4
Georgia	936	445	30.1	54.7	15.2	52.7	0.1	449.3	447.6	455.5	446.3	497.7
Hong Kong SAR	185	115	19.8	11.3	68.9	1.3	34.9	541.0	534.6	530.6	478.7	519.7
Hungary	1086	432	17.0	74.1	8.9	43.9	15.8	512.3	516.2	529.0	527.2	518.9
Iran, Islamic Rep. of	224	220	26.4	36.3	37.3	1.9	0.0	404.5	413.8	429.8	506.3	.
Ireland	440	382	12.7	29.1	58.3	3.5	11.5	530.4	527.0	527.8	543.8	520.0
Israel	265	232	17.0	13.2	69.8	3.1	6.8	479.3	481.2	480.5	506.6	472.1
Italy	236	226	33.3	52.3	14.4	0.9	2.9	506.7	497.7	497.6	531.7	491.0
Japan	147	142	2.6	3.3	94.2	1.0	1.7	559.7	586.0	556.0	540.7	559.5
Jordan	225	215	41.0	34.4	24.6	3.4	0.0	411.5	408.7	420.9	410.7	.
Kazakhstan	1209	853	33.3	55.6	11.1	27.9	1.4	433.9	447.6	445.8	443.2	422.9
Korea, Rep. of	243	235	17.0	20.2	62.8	1.4	2.8	556.3	547.9	542.0	551.6	535.1
Kuwait	157	153	67.2	15.6	17.2	1.4	1.1	420.6	410.5	429.4	396.8	372.6
Lithuania	1096	469	24.1	42.6	33.3	43.9	12.4	519.0	516.7	516.5	521.2	520.1
Malaysia	313	311	7.1	90.2	2.6	0.5	0.0	446.8	424.8	433.9	382.2	.
Malta	466	226	25.3	9.9	64.8	33.5	17.0	507.5	533.6	503.9	502.7	479.1
Morocco	511	381	8.4	19.0	72.6	22.4	2.2	330.3	328.6	325.1	327.6	346.5
New Zealand	211	129	7.3	17.0	75.6	5.1	39.3	489.2	468.9	508.1	470.4	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	49.9	18.2	31.9	3.5	0.9	455.0	460.5	454.4	449.7	472.5
Palestinian Nat'l Auth.	199	187	42.4	39.1	18.4	2.5	2.9	399.5	391.0	382.4	407.3	374.9
Portugal	521	396	11.4	2.8	85.8	18.8	5.1	500.4	495.4	507.0	505.7	499.9
Qatar	242	227	30.7	30.9	38.3	1.9	1.8	468.4	496.3	473.4	589.5	485.4
Romania	429	216	40.2	33.3	26.5	24.2	25.3	474.1	461.4	478.9	470.9	451.5
Saudi Arabia	214	190	23.2	67.9	8.9	4.7	5.0	412.8	420.6	418.3	434.9	413.4
Singapore	345	344	5.1	62.4	32.6	0.2	0.0	578.7	600.1	622.9	507.6	.
South Africa (9)	288	212	32.9	49.2	17.8	2.3	29.4	372.6	363.0	354.6	375.0	355.8
Sweden	814	614	17.8	55.8	26.5	10.8	14.3	529.9	522.6	518.6	524.0	511.8
Turkiye	189	187	68.1	19.4	12.5	1.1	0.0	528.9	525.6	540.6	514.2	.
United Arab Emirates	1614	1301	40.6	29.9	29.5	3.6	12.8	474.3	506.4	472.3	511.7	498.5
United States	672	551	54.4	18.4	27.3	1.2	10.5	527.4	496.6	500.9	547.9	506.1
Uzbekistan	668	557	26.1	60.2	13.7	15.2	1.4	390.2	397.2	403.9	393.0	387.5
International Avg. (43)	23553	15310	26.6	34.8	38.6	14.5	10.7	470.4	471.2	475.2	478.1	465.1
Abu Dhabi, UAE	597	477	38.8	24.6	36.5	2.5	13.5	431.0	472.4	431.2	458.0	454.5
Dubai, UAE	432	344	40.2	32.4	27.3	4.5	11.7	541.1	563.4	540.5	552.1	537.7
Sharjah, UAE	307	243	37.1	37.6	25.3	3.8	15.4	478.7	504.1	487.6	529.6	533.2

Question: When students in this class have been taught each of the following science topics. Biology: Importance of diet, exercise, and lifestyle choices for maintaining good health
Location: TQS-22Ap (BTBS22AP)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	14.8	38.5	46.7	3.2	35.0	522.4	515.3	534.0	514.5	512.0
Austria	889	470	13.2	50.2	36.6	35.8	10.7	512.9	506.8	520.2	514.8	497.8
Azerbaijan	1140	503	26.0	60.9	13.1	39.1	14.1	408.3	408.9	412.0	412.7	414.9
Bahrain	223	204	39.7	56.1	4.3	5.9	0.0	448.2	448.4	478.0	488.0	.
Brazil	916	868	33.4	57.0	9.6	2.5	4.2	427.6	414.6	421.3	398.2	441.0
Chile	168	145	24.9	71.8	3.3	1.8	11.0	437.6	459.6	492.9	500.7	447.5
Chinese Taipei	239	221	66.9	4.6	28.6	8.7	0.0	568.3	543.2	578.6	589.9	.
Cote d'Ivoire	372	101	12.6	5.0	82.4	18.8	51.6	174.6	157.4	157.6	218.8	183.4
Cyprus	775	324	7.2	67.3	25.6	42.1	13.2	471.3	475.6	464.8	453.2	471.4
Czech Republic	1348	666	18.2	63.6	18.1	41.9	6.4	513.7	522.6	529.6	533.0	528.7
England	262	111	61.9	21.6	16.5	4.8	39.8	520.9	535.3	544.9	586.1	529.5
Finland	1239	629	7.6	12.8	79.6	40.8	2.9	518.6	509.6	534.9	531.5	523.3
France	379	171	76.6	14.9	8.5	43.0	11.9	486.5	495.6	458.7	490.8	472.4
Georgia	936	447	25.7	63.5	10.8	52.5	0.1	452.0	447.7	454.5	446.1	497.7
Hong Kong SAR	185	115	19.9	20.0	60.1	1.3	34.9	554.1	556.5	518.3	478.7	519.7
Hungary	1086	433	27.0	69.2	3.8	43.8	15.8	506.6	518.7	554.3	527.1	518.9
Iran, Islamic Rep. of	224	220	55.5	33.6	10.9	1.9	0.0	418.8	412.1	425.8	506.3	.
Ireland	440	383	49.8	31.2	19.0	3.5	11.5	529.6	534.5	512.7	544.0	520.0
Israel	265	234	24.1	15.8	60.2	2.1	6.8	468.9	470.1	488.1	508.7	472.1
Italy	236	226	83.8	14.9	1.4	0.9	2.9	501.7	494.4	506.5	531.7	491.0
Japan	147	142	1.0	8.2	90.8	1.0	1.7	600.7	558.5	556.5	540.7	559.5
Jordan	225	216	68.5	23.5	7.9	4.1	0.0	416.7	404.0	408.6	404.6	.
Kazakhstan	1209	853	38.6	53.7	7.7	27.8	1.4	438.8	445.1	443.2	444.1	422.9
Korea, Rep. of	243	235	28.4	34.0	37.7	1.4	2.8	547.4	546.2	543.7	551.6	535.1
Kuwait	157	153	71.2	18.4	10.4	1.4	1.1	414.5	450.8	408.5	396.8	372.6
Lithuania	1096	472	32.4	37.0	30.6	43.6	12.4	520.8	516.1	514.9	521.1	520.1
Malaysia	313	311	8.3	89.5	2.2	0.5	0.0	442.5	425.6	408.4	382.2	.
Malta	466	227	25.7	30.9	43.4	33.4	17.0	500.6	538.1	490.5	502.5	479.1
Morocco	511	384	21.7	8.7	69.6	21.7	2.2	333.6	324.6	324.0	327.8	346.5
New Zealand	211	130	15.6	33.6	50.8	3.7	39.3	504.6	510.1	493.1	450.6	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	36.8	62.5	0.7	3.5	0.9	462.1	451.8	483.7	449.7	472.5
Palestinian Nat'l Auth.	199	187	66.8	21.7	11.5	2.5	2.9	397.0	380.9	392.9	407.3	374.9
Portugal	521	395	18.6	3.3	78.1	19.0	5.1	509.9	511.4	504.8	505.5	499.9
Qatar	242	228	32.6	57.6	9.9	1.7	1.8	491.9	470.0	488.5	595.8	485.4
Romania	429	217	38.0	35.2	26.8	23.8	25.3	470.1	468.1	478.2	470.1	451.5
Saudi Arabia	214	190	35.3	59.0	5.8	4.5	5.0	417.3	422.5	387.0	435.6	413.4
Singapore	345	344	12.4	75.2	12.4	0.2	0.0	616.2	601.6	625.7	507.6	.
South Africa (9)	288	209	25.0	66.5	8.4	3.5	29.4	362.0	367.1	362.8	356.4	355.8
Sweden	814	621	19.8	63.5	16.7	10.0	14.3	522.7	522.0	522.4	528.6	511.8
Turkiye	189	188	76.9	11.8	11.3	0.6	0.0	532.1	525.0	519.4	478.5	.
United Arab Emirates	1614	1305	53.4	36.1	10.5	3.5	12.8	491.3	481.8	448.6	512.0	498.5
United States	672	552	59.2	20.0	20.8	0.8	10.5	520.6	492.9	520.8	505.3	506.1
Uzbekistan	668	556	27.2	65.6	7.2	15.3	1.4	390.7	398.5	399.0	392.4	387.5
International Avg. (43)	23553	15337	34.9	39.3	25.8	14.5	10.7	473.2	470.7	472.4	475.4	465.1
Abu Dhabi, UAE	597	479	54.5	28.6	16.9	2.5	13.5	438.3	471.3	401.2	453.3	454.5
Dubai, UAE	432	344	57.9	33.2	8.9	4.4	11.7	559.4	530.4	542.2	551.5	537.7
Sharjah, UAE	307	244	52.0	41.7	6.3	3.7	15.4	499.9	482.2	466.2	533.2	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Structure of atoms (i.e., protons, neutrons, electrons) and molecules
Location: TQS-22Ba (BTBS22BA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	4.2	73.0	22.8	4.5	35.0	546.3	529.0	509.2	515.8	512.0
Austria	889	530	23.1	42.4	34.5	30.4	10.7	514.2	506.0	518.5	515.8	497.8
Azerbaijan	1140	497	65.2	27.8	6.9	39.1	14.1	406.9	409.3	399.6	415.2	414.9
Bahrain	223	210	66.9	19.5	13.6	3.9	0.0	439.9	472.1	470.2	488.6	.
Brazil	916	872	6.0	16.5	77.5	1.5	4.2	420.7	437.9	415.5	387.7	441.0
Chile	168	144	6.6	81.5	11.9	2.3	11.0	467.6	455.8	444.3	490.2	447.5
Chinese Taipei	239	236	32.2	65.9	1.9	1.1	0.0	571.0	571.7	579.5	588.5	.
Cote d'Ivoire	372	146	31.3	25.7	43.0	11.8	51.6	181.8	202.4	192.2	155.2	183.4
Cyprus	775	366	9.1	58.1	32.8	36.5	13.2	469.6	464.7	482.0	452.6	471.4
Czech Republic	1348	689	20.8	72.8	6.4	40.7	6.4	532.4	520.0	529.7	532.0	528.7
England	262	112	24.1	65.0	10.9	4.3	39.8	509.0	538.8	507.5	589.5	529.5
Finland	1239	789	29.8	59.1	11.1	38.4	2.9	529.7	529.4	534.5	532.1	523.3
France	379	173	5.2	61.2	33.5	42.0	11.9	500.1	492.5	482.8	486.3	472.4
Georgia	936	457	12.1	74.7	13.3	51.2	0.1	455.2	447.8	446.0	447.0	497.7
Hong Kong SAR	185	115	16.4	16.4	67.2	1.3	34.9	549.8	577.4	518.2	478.7	519.7
Hungary	1086	476	91.4	6.7	1.8	40.2	15.8	519.1	522.8	537.4	524.9	518.9
Iran, Islamic Rep. of	224	221	29.9	68.9	1.1	1.3	0.0	414.7	422.1	430.2	346.1	.
Ireland	440	383	28.5	58.3	13.2	3.4	11.5	529.0	526.4	531.6	546.2	520.0
Israel	265	232	6.3	90.7	3.0	3.3	6.8	501.9	480.2	455.4	494.5	472.1
Italy	236	227	81.1	13.1	5.7	0.6	2.9	497.6	513.9	511.5	558.4	491.0
Japan	147	142	0.7	61.3	38.0	1.0	1.7	549.4	555.7	559.3	545.0	559.5
Jordan	225	219	23.9	75.6	0.5	2.7	0.0	402.3	416.8	351.7	402.5	.
Kazakhstan	1209	837	58.8	38.4	2.8	28.8	1.4	440.1	443.3	471.5	444.8	422.9
Korea, Rep. of	243	233	1.1	93.7	5.1	1.5	2.8	544.9	545.8	544.3	541.5	535.1
Kuwait	157	152	25.0	70.7	4.3	1.9	1.1	415.4	413.7	524.7	487.2	372.6
Lithuania	1096	484	18.1	63.2	18.7	42.1	12.4	518.3	516.6	517.9	521.3	520.1
Malaysia	313	313	64.9	13.0	22.1	0.0	0.0	426.0	430.8	424.9	.	.
Malta	466	236	14.9	34.2	50.8	33.8	17.0	510.4	546.3	484.9	499.8	479.1
Morocco	511	414	7.8	22.9	69.3	17.1	2.2	322.2	330.2	323.4	334.2	346.5
New Zealand	211	129	2.8	56.5	40.7	4.0	39.3	495.5	512.0	481.9	472.3	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	26.4	69.1	4.5	3.3	0.9	448.5	456.3	491.0	449.2	472.5
Palestinian Nat'l Auth.	199	185	42.7	57.3	0.0	3.7	2.9	393.3	393.0	.	401.1	374.9
Portugal	521	426	6.1	58.9	35.0	13.9	5.1	503.6	505.5	504.9	510.1	499.9
Qatar	242	224	20.9	64.4	14.7	2.5	1.8	501.7	468.6	495.2	542.5	485.4
Romania	429	209	74.3	10.9	14.8	24.7	25.3	471.2	462.4	469.7	473.3	451.5
Saudi Arabia	214	187	60.0	14.8	25.2	6.4	5.0	424.0	426.0	404.5	419.5	413.4
Singapore	345	343	72.7	17.5	9.8	0.3	0.0	617.3	643.7	458.2	524.4	.
South Africa (9)	288	211	41.9	57.4	0.7	2.5	29.4	373.1	361.4	305.4	340.8	355.8
Sweden	814	623	56.5	29.2	14.3	8.6	14.3	522.7	522.0	526.9	521.9	511.8
Turkiye	189	188	89.1	10.9	0.0	0.6	0.0	532.0	511.8	.	478.5	.
United Arab Emirates	1614	1302	45.6	46.0	8.4	4.0	12.8	480.0	486.4	479.7	516.5	498.5
United States	672	551	37.2	54.4	8.4	1.2	10.5	508.8	519.7	519.9	466.4	506.1
Uzbekistan	668	560	64.1	32.7	3.1	14.5	1.4	394.5	398.6	410.3	392.7	387.5
International Avg. (43)	23553	15794	33.6	47.7	18.7	13.4	10.7	473.3	476.4	469.4	472.2	465.1
Abu Dhabi, UAE	597	475	53.1	36.6	10.3	3.8	13.5	422.9	466.7	432.5	481.1	454.5
Dubai, UAE	432	345	48.7	47.2	4.1	3.9	11.7	557.7	537.9	541.7	563.2	537.7
Sharjah, UAE	307	243	38.4	49.3	12.4	5.1	15.4	494.9	481.0	517.6	514.4	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Differences among elements, compounds, and mixtures
Location: TQS-22Bb (BTBS22BB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	9.2	86.6	4.2	4.5	35.0	532.0	525.7	499.6	515.8	512.0
Austria	889	530	18.4	44.3	37.3	30.3	10.7	511.1	507.1	519.3	515.4	497.8
Azerbaijan	1140	490	69.3	21.7	9.0	39.9	14.1	409.7	400.5	402.2	415.1	414.9
Bahrain	223	210	32.0	59.1	8.9	3.9	0.0	462.6	439.0	481.2	488.6	.
Brazil	916	870	35.0	9.6	55.3	1.5	4.2	431.4	413.4	413.1	388.5	441.0
Chile	168	144	59.1	32.4	8.5	2.3	11.0	457.3	453.1	449.2	490.2	447.5
Chinese Taipei	239	236	33.6	65.8	0.6	1.1	0.0	570.9	571.6	618.4	588.5	.
Cote d'Ivoire	372	142	67.1	8.4	24.5	12.8	51.6	201.2	220.5	157.7	156.1	183.4
Cyprus	775	365	7.4	68.3	24.3	36.6	13.2	478.1	470.0	471.2	452.6	471.4
Czech Republic	1348	686	14.1	79.4	6.6	40.9	6.4	541.6	519.4	529.0	532.1	528.7
England	262	112	62.6	33.6	3.8	4.3	39.8	524.7	527.3	596.2	589.5	529.5
Finland	1239	787	74.0	15.3	10.6	38.7	2.9	533.9	506.1	536.4	532.3	523.3
France	379	174	63.8	19.5	16.7	41.5	11.9	493.7	486.1	478.4	486.3	472.4
Georgia	936	454	19.7	73.5	6.8	51.7	0.1	454.2	447.2	447.3	446.9	497.7
Hong Kong SAR	185	115	17.5	11.7	70.8	1.3	34.9	550.4	551.2	525.8	478.7	519.7
Hungary	1086	470	87.3	11.0	1.7	40.8	15.8	520.8	506.8	545.3	524.8	518.9
Iran, Islamic Rep. of	224	219	30.3	68.8	0.8	2.2	0.0	419.4	420.0	461.9	366.1	.
Ireland	440	382	64.7	34.6	0.7	3.5	11.5	530.2	522.8	560.3	546.7	520.0
Israel	265	232	5.9	91.4	2.7	3.3	6.8	495.1	482.7	387.2	494.5	472.1
Italy	236	226	88.2	6.7	5.1	0.9	2.9	497.4	533.0	512.3	547.7	491.0
Japan	147	142	10.6	88.1	1.2	1.0	1.7	564.5	556.0	567.2	545.0	559.5
Jordan	225	216	56.8	42.9	0.4	4.0	0.0	415.9	410.6	424.2	391.3	.
Kazakhstan	1209	835	67.0	29.6	3.3	28.9	1.4	442.3	439.8	472.1	444.0	422.9
Korea, Rep. of	243	233	0.9	92.8	6.3	1.5	2.8	537.7	545.2	555.0	541.5	535.1
Kuwait	157	153	61.5	33.5	5.0	0.9	1.1	410.4	436.3	433.7	419.9	372.6
Lithuania	1096	478	10.8	66.6	22.5	42.8	12.4	523.7	517.3	513.6	521.3	520.1
Malaysia	313	313	72.3	15.7	12.0	0.0	0.0	425.2	432.1	426.3	.	.
Malta	466	234	28.6	29.3	42.0	34.5	17.0	511.6	546.9	484.7	498.7	479.1
Morocco	511	409	50.2	27.4	22.4	17.9	2.2	327.4	322.3	323.8	332.3	346.5
New Zealand	211	130	5.5	66.5	27.9	3.0	39.3	535.4	506.3	478.0	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	32.6	64.4	3.0	3.4	0.9	457.5	452.4	495.9	460.9	472.5
Palestinian Nat'l Auth.	199	184	80.7	19.2	0.1	4.2	2.9	395.7	381.6	429.3	400.9	374.9
Portugal	521	427	29.4	39.5	31.1	13.7	5.1	508.5	503.1	504.7	510.0	499.9
Qatar	242	224	53.4	41.1	5.6	2.5	1.8	480.1	474.9	506.2	542.5	485.4
Romania	429	209	67.0	13.4	19.6	24.7	25.3	467.7	472.6	475.9	473.3	451.5
Saudi Arabia	214	187	39.5	53.1	7.4	6.4	5.0	432.2	411.1	410.7	419.5	413.4
Singapore	345	343	81.4	10.1	8.5	0.3	0.0	618.5	633.4	457.6	524.4	.
South Africa (9)	288	211	30.6	67.8	1.6	2.5	29.4	376.9	360.8	374.1	340.8	355.8
Sweden	814	620	76.4	19.5	4.1	8.9	14.3	521.9	522.5	546.2	522.4	511.8
Turkiye	189	188	91.0	9.0	0.0	0.6	0.0	531.8	509.6	.	478.5	.
United Arab Emirates	1614	1300	55.5	38.8	5.7	4.3	12.8	486.8	481.7	456.2	512.2	498.5
United States	672	550	39.0	53.4	7.6	1.6	10.5	508.3	521.5	521.7	439.4	506.1
Uzbekistan	668	556	74.0	20.9	5.1	15.1	1.4	397.1	390.4	406.2	393.8	387.5
International Avg. (43)	23553	15736	45.9	41.5	12.6	13.6	10.7	476.6	472.8	472.7	469.5	465.1
Abu Dhabi, UAE	597	475	57.5	33.9	8.6	3.8	13.5	432.5	458.9	415.4	481.1	454.5
Dubai, UAE	432	345	59.8	37.8	2.3	3.9	11.7	558.5	531.9	528.3	563.2	537.7
Sharjah, UAE	307	242	49.3	45.0	5.6	5.6	15.4	499.3	479.1	514.6	510.1	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: How to interpret the periodic table of elements
Location: TQS-22Bc (BTBS22BC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	2.4	72.3	25.4	4.5	35.0	520.0	529.0	514.8	515.8	512.0
Austria	889	532	19.6	43.5	36.9	30.1	10.7	512.1	506.8	519.0	515.6	497.8
Azerbaijan	1140	487	32.6	58.4	9.0	40.1	14.1	404.8	408.7	404.7	415.0	414.9
Bahrain	223	209	38.9	24.9	36.2	4.6	0.0	437.8	479.7	442.3	492.8	.
Brazil	916	866	4.2	5.4	90.4	1.9	4.2	431.6	400.7	420.3	383.9	441.0
Chile	168	144	9.8	69.6	20.6	2.3	11.0	442.9	458.2	451.2	490.2	447.5
Chinese Taipei	239	236	32.2	66.5	1.3	1.1	0.0	571.8	571.4	582.5	588.5	.
Cote d'Ivoire	372	142	2.8	4.8	92.3	12.5	51.6	161.9	240.2	191.0	154.4	183.4
Cyprus	775	364	8.4	28.8	62.8	36.8	13.2	505.1	487.0	459.0	452.6	471.4
Czech Republic	1348	684	12.3	79.4	8.4	41.1	6.4	545.9	519.2	527.8	532.0	528.7
England	262	112	40.4	54.4	5.2	4.3	39.8	521.2	528.9	575.6	589.5	529.5
Finland	1239	787	9.2	78.8	12.1	38.5	2.9	516.5	532.6	523.2	532.2	523.3
France	379	174	3.4	26.6	70.0	41.5	11.9	501.2	496.9	486.4	486.3	472.4
Georgia	936	442	8.3	78.4	13.3	53.0	0.1	451.7	447.3	453.5	447.1	497.7
Hong Kong SAR	185	115	3.0	9.4	87.5	1.3	34.9	589.8	615.8	522.2	478.7	519.7
Hungary	1086	470	89.4	8.3	2.2	40.8	15.8	518.8	524.0	537.1	524.8	518.9
Iran, Islamic Rep. of	224	221	9.8	42.0	48.2	1.3	0.0	399.2	416.8	426.9	346.1	.
Ireland	440	382	25.0	56.8	18.2	3.9	11.5	515.6	531.3	533.2	546.8	520.0
Israel	265	232	5.1	91.5	3.3	3.3	6.8	491.8	481.7	438.5	494.5	472.1
Italy	236	226	81.4	9.8	8.8	0.9	2.9	497.3	523.1	505.5	542.4	491.0
Japan	147	142	1.8	91.5	6.8	1.0	1.7	570.0	557.2	551.7	545.0	559.5
Jordan	225	219	19.4	78.5	2.0	2.7	0.0	398.7	416.0	435.8	402.5	.
Kazakhstan	1209	832	56.7	38.2	5.1	29.1	1.4	437.9	448.0	458.2	443.4	422.9
Korea, Rep. of	243	233	0.4	50.0	49.7	1.5	2.8	561.7	547.6	543.8	541.5	535.1
Kuwait	157	152	17.9	73.9	8.3	1.4	1.1	406.6	414.0	515.2	363.0	372.6
Lithuania	1096	478	6.5	68.9	24.6	42.7	12.4	509.4	517.1	518.8	521.4	520.1
Malaysia	313	313	73.5	12.1	14.4	0.0	0.0	426.2	424.0	429.3	.	.
Malta	466	234	16.3	29.4	54.3	34.5	17.0	521.1	553.6	484.3	498.7	479.1
Morocco	511	405	5.9	13.5	80.7	18.8	2.2	317.5	341.1	322.4	334.4	346.5
New Zealand	211	129	2.0	48.1	49.8	4.4	39.3	501.8	517.1	488.9	430.5	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	23.6	68.7	7.6	3.4	0.9	447.2	454.8	489.7	453.9	472.5
Palestinian Nat'l Auth.	199	185	15.5	82.2	2.3	3.7	2.9	380.9	395.4	391.8	401.1	374.9
Portugal	521	426	2.9	8.6	88.6	13.8	5.1	505.1	505.6	505.1	510.1	499.9
Qatar	242	224	17.7	35.2	47.1	2.5	1.8	509.3	488.0	461.9	542.5	485.4
Romania	429	209	66.7	14.1	19.3	24.7	25.3	468.3	470.9	475.3	473.3	451.5
Saudi Arabia	214	187	47.4	13.6	39.0	6.4	5.0	424.7	419.4	413.0	419.5	413.4
Singapore	345	342	72.1	17.0	10.8	0.5	0.0	615.8	654.6	467.3	581.9	.
South Africa (9)	288	210	29.0	69.7	1.4	2.5	29.6	370.8	364.3	346.8	340.8	355.9
Sweden	814	618	31.5	19.2	49.3	9.1	14.3	521.8	518.3	526.3	520.0	511.8
Turkiye	189	188	10.3	89.7	0.0	0.6	0.0	516.7	531.3	.	478.5	.
United Arab Emirates	1614	1297	36.7	49.1	14.2	4.4	12.8	466.8	495.5	483.0	508.9	498.5
United States	672	551	33.4	53.1	13.5	1.2	10.5	510.9	517.3	521.0	466.4	506.1
Uzbekistan	668	557	51.3	43.9	4.8	14.8	1.4	394.8	398.2	397.2	392.1	387.5
International Avg. (43)	23553	15707	25.0	46.0	29.0	13.7	10.7	472.6	480.2	470.0	469.0	465.1
Abu Dhabi, UAE	597	475	43.7	34.8	21.5	3.8	13.5	417.5	464.9	445.0	481.1	454.5
Dubai, UAE	432	344	36.6	57.9	5.5	4.2	11.7	537.5	553.9	559.6	551.6	537.7
Sharjah, UAE	307	241	31.0	51.5	17.5	5.7	15.4	484.7	481.8	529.8	508.6	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Classifying matter according to physical and chemical properties
Location: TQS-22Bd (BTBS22BD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	13.7	84.1	2.2	4.6	35.0	520.3	526.1	520.3	516.1	512.0
Austria	889	525	18.4	43.7	37.8	31.0	10.7	514.9	506.2	519.3	514.7	497.8
Azerbaijan	1140	493	72.9	18.7	8.4	39.5	14.1	409.0	403.5	400.0	415.0	414.9
Bahrain	223	209	35.1	59.8	5.1	4.1	0.0	457.1	445.5	457.2	489.9	.
Brazil	916	867	22.5	11.7	65.8	1.4	4.2	420.8	442.3	415.3	376.9	441.0
Chile	168	144	61.0	31.6	7.4	2.3	11.0	456.8	451.7	457.6	490.2	447.5
Chinese Taipei	239	235	35.6	63.8	0.6	1.8	0.0	570.7	572.2	618.4	564.3	.
Cote d'Ivoire	372	140	18.7	5.3	76.0	13.0	51.6	248.0	197.8	179.4	154.0	183.4
Cyprus	775	365	11.0	35.8	53.2	36.6	13.2	503.6	473.9	462.2	452.6	471.4
Czech Republic	1348	685	13.4	76.8	9.8	41.0	6.4	539.9	519.9	526.3	532.0	528.7
England	262	112	55.7	35.6	8.7	4.3	39.8	522.1	526.0	576.7	589.5	529.5
Finland	1239	785	59.8	26.5	13.6	38.7	2.9	533.1	523.5	530.6	531.9	523.3
France	379	173	35.1	29.5	35.4	41.7	11.9	490.0	496.9	483.9	486.1	472.4
Georgia	936	448	18.2	69.9	11.9	52.3	0.1	455.3	447.8	444.5	446.8	497.7
Hong Kong SAR	185	115	17.7	14.2	68.1	1.3	34.9	528.1	577.3	525.2	478.7	519.7
Hungary	1086	473	85.7	12.2	2.0	40.5	15.8	519.4	513.9	561.2	524.9	518.9
Iran, Islamic Rep. of	224	221	19.9	68.5	11.6	1.3	0.0	409.8	422.9	420.1	346.1	.
Ireland	440	383	60.0	34.7	5.3	3.4	11.5	528.8	528.7	511.4	546.2	520.0
Israel	265	232	13.0	82.4	4.6	3.3	6.8	491.8	481.8	430.9	494.5	472.1
Italy	236	227	88.7	5.3	6.0	0.6	2.9	497.8	530.2	516.0	558.4	491.0
Japan	147	141	24.0	57.8	18.2	1.8	1.7	546.3	562.8	552.4	556.8	559.5
Jordan	225	218	35.2	58.7	6.1	3.3	0.0	412.7	410.2	454.5	383.2	.
Kazakhstan	1209	829	60.3	36.8	2.9	29.4	1.4	439.7	443.1	484.5	444.7	422.9
Korea, Rep. of	243	233	2.6	58.8	38.6	1.5	2.8	564.2	545.4	545.0	541.5	535.1
Kuwait	157	152	40.1	54.8	5.1	1.8	1.1	424.4	419.2	409.6	389.8	372.6
Lithuania	1096	477	14.6	57.1	28.3	42.8	12.4	521.2	514.2	521.4	521.2	520.1
Malaysia	313	313	74.7	15.6	9.7	0.0	0.0	427.4	422.2	425.5	.	.
Malta	466	234	24.1	31.1	44.8	34.5	17.0	513.7	544.2	485.7	498.7	479.1
Morocco	511	407	58.0	14.6	27.4	18.3	2.2	327.6	335.1	316.2	330.6	346.5
New Zealand	211	130	5.4	69.5	25.1	3.0	39.3	526.0	503.7	484.3	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	38.4	54.4	7.1	3.4	0.9	455.0	454.2	469.3	456.0	472.5
Palestinian Nat'l Auth.	199	185	63.8	32.7	3.5	3.7	2.9	394.6	390.1	392.9	401.1	374.9
Portugal	521	426	46.4	18.9	34.7	13.8	5.1	502.7	511.4	505.1	510.1	499.9
Qatar	242	224	45.7	50.8	3.5	2.5	1.8	479.4	475.4	537.9	542.5	485.4
Romania	429	209	70.1	13.6	16.3	24.7	25.3	470.3	469.1	469.5	473.3	451.5
Saudi Arabia	214	184	62.6	28.6	8.7	8.1	5.0	425.0	408.3	425.9	410.2	413.4
Singapore	345	343	77.4	16.0	6.6	0.3	0.0	615.3	613.0	485.4	524.4	.
South Africa (9)	288	211	33.7	52.9	13.3	2.5	29.4	371.6	364.1	358.7	340.8	355.8
Sweden	814	622	66.4	19.1	14.5	8.7	14.3	524.9	518.7	520.8	521.4	511.8
Turkiye	189	188	24.6	75.4	0.0	0.6	0.0	524.2	531.7	.	478.5	.
United Arab Emirates	1614	1300	52.7	42.5	4.8	4.2	12.8	485.0	487.5	420.6	513.4	498.5
United States	672	551	38.4	53.5	8.1	1.2	10.5	508.7	519.7	522.5	466.4	506.1
Uzbekistan	668	560	78.8	17.0	4.2	14.5	1.4	395.5	398.2	407.7	391.9	387.5
International Avg. (43)	23553	15719	41.7	40.5	17.8	13.7	10.7	476.1	475.1	470.3	468.0	465.1
Abu Dhabi, UAE	597	474	53.9	36.9	9.2	3.9	13.5	432.7	463.8	387.1	480.4	454.5
Dubai, UAE	432	345	56.2	42.8	1.0	3.9	11.7	554.9	538.3	542.7	563.2	537.7
Sharjah, UAE	307	243	53.4	43.2	3.4	5.2	15.4	489.9	491.9	489.3	516.0	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Methods for separating mixtures
Location: TQS-22Be (BTBS22BE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	75.9	20.8	3.3	4.6	35.0	525.6	526.3	501.8	518.7	512.0
Austria	889	528	15.6	42.3	42.1	30.6	10.7	517.0	504.2	518.6	515.6	497.8
Azerbaijan	1140	488	77.5	14.4	8.1	40.1	14.1	408.5	396.5	409.7	415.2	414.9
Bahrain	223	208	28.4	63.3	8.3	4.3	0.0	464.8	439.8	478.2	491.2	.
Brazil	916	870	44.7	8.8	46.5	1.1	4.2	429.2	406.1	412.6	387.4	441.0
Chile	168	144	78.4	13.7	7.9	2.3	11.0	455.0	453.8	460.1	490.2	447.5
Chinese Taipei	239	235	37.4	61.3	1.3	1.8	0.0	571.2	571.7	582.5	582.9	.
Cote d'Ivoire	372	143	71.7	6.9	21.3	12.5	51.6	195.0	256.5	156.3	158.9	183.4
Cyprus	775	365	8.9	61.8	29.2	36.6	13.2	497.4	462.0	481.7	452.6	471.4
Czech Republic	1348	683	9.3	77.6	13.2	41.1	6.4	549.9	520.0	522.7	532.0	528.7
England	262	111	53.3	39.1	7.6	4.7	39.8	516.4	539.5	549.0	588.0	529.5
Finland	1239	786	78.2	9.2	12.6	38.5	2.9	532.6	509.4	529.5	532.1	523.3
France	379	173	80.1	6.6	13.3	41.7	11.9	490.3	499.6	482.5	486.1	472.4
Georgia	936	452	20.2	68.6	11.2	51.9	0.1	445.5	450.2	446.1	446.7	497.7
Hong Kong SAR	185	115	44.2	14.1	41.7	1.3	34.9	534.0	567.7	520.5	478.7	519.7
Hungary	1086	470	83.2	12.8	4.0	40.7	15.8	519.8	524.0	509.2	524.6	518.9
Iran, Islamic Rep. of	224	221	13.4	84.1	2.5	1.3	0.0	405.2	423.2	388.1	346.1	.
Ireland	440	383	83.2	15.5	1.3	3.4	11.5	527.7	528.3	531.2	546.2	520.0
Israel	265	232	4.8	82.0	13.2	3.3	6.8	479.5	483.1	467.0	494.5	472.1
Italy	236	227	64.1	4.0	31.9	0.6	2.9	497.0	534.4	503.6	558.4	491.0
Japan	147	141	72.4	23.3	4.3	1.8	1.7	555.2	558.7	576.7	556.8	559.5
Jordan	225	217	79.9	14.9	5.2	3.7	0.0	415.5	398.1	435.7	380.9	.
Kazakhstan	1209	831	67.2	28.4	4.4	29.2	1.4	442.0	440.0	468.5	444.0	422.9
Korea, Rep. of	243	233	1.6	93.1	5.3	1.5	2.8	543.2	546.1	541.1	541.5	535.1
Kuwait	157	154	78.1	14.8	7.1	0.8	1.1	417.9	434.9	416.2	407.8	372.6
Lithuania	1096	479	17.5	61.5	20.9	42.7	12.4	521.2	517.2	514.1	521.2	520.1
Malaysia	313	313	62.1	28.3	9.7	0.0	0.0	429.4	422.2	419.4	.	.
Malta	466	233	29.3	28.9	41.8	34.7	17.0	509.7	541.2	489.2	499.3	479.1
Morocco	511	406	73.3	10.7	16.0	18.2	2.2	325.9	341.0	311.0	332.6	346.5
New Zealand	211	130	7.2	73.3	19.5	3.0	39.3	532.0	501.6	482.4	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	61.4	27.8	10.7	4.1	0.9	459.6	455.7	431.9	457.0	472.5
Palestinian Nat'l Auth.	199	185	93.2	5.5	1.3	3.7	2.9	394.0	383.6	371.3	401.1	374.9
Portugal	521	427	59.2	6.0	34.7	13.7	5.1	507.6	489.6	503.8	510.0	499.9
Qatar	242	224	71.3	17.8	10.8	2.5	1.8	467.2	504.0	520.0	542.5	485.4
Romania	429	209	68.7	11.4	19.9	24.7	25.3	467.6	472.8	476.6	473.3	451.5
Saudi Arabia	214	185	44.6	50.0	5.4	7.5	5.0	426.4	413.6	407.0	424.5	413.4
Singapore	345	343	90.9	8.2	0.9	0.3	0.0	607.8	598.1	540.2	524.4	.
South Africa (9)	288	210	46.7	33.1	20.2	3.2	29.4	365.7	383.5	339.3	339.7	355.8
Sweden	814	619	78.7	12.8	8.5	9.1	14.3	521.6	517.1	545.0	522.7	511.8
Turkiye	189	188	94.4	5.6	0.0	0.6	0.0	532.2	490.1	.	478.5	.
United Arab Emirates	1614	1295	64.5	25.8	9.7	4.4	12.8	486.1	488.3	449.0	511.2	498.5
United States	672	551	34.6	40.8	24.6	1.2	10.5	507.3	517.7	524.1	466.4	506.1
Uzbekistan	668	559	71.1	17.5	11.4	14.7	1.4	395.7	394.4	402.7	393.1	387.5
International Avg. (43)	23553	15714	54.4	31.3	14.3	13.7	10.7	474.2	474.5	467.1	469.6	465.1
Abu Dhabi, UAE	597	474	63.1	21.5	15.4	3.9	13.5	443.9	451.1	408.5	480.4	454.5
Dubai, UAE	432	342	61.5	30.6	7.9	4.3	11.7	554.9	539.1	527.8	557.6	537.7
Sharjah, UAE	307	242	71.3	24.5	4.2	5.6	15.4	490.4	495.7	474.8	510.2	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Solution concentration and rate of dissolving
Location: TQS-22Bf (BTBS22BF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	34.9	23.5	41.6	4.9	35.0	533.7	517.9	522.5	514.8	512.0
Austria	889	527	7.5	27.5	65.1	30.7	10.7	503.4	511.2	513.8	515.5	497.8
Azerbaijan	1140	487	59.6	26.4	14.0	40.1	14.1	406.7	409.4	405.1	414.9	414.9
Bahrain	223	210	22.0	60.1	17.9	3.9	0.0	467.4	442.9	454.4	488.6	.
Brazil	916	870	18.5	5.8	75.6	1.5	4.2	429.6	408.6	417.9	388.5	441.0
Chile	168	144	31.4	9.6	59.0	2.3	11.0	436.0	453.6	465.7	490.2	447.5
Chinese Taipei	239	235	27.9	70.1	2.0	1.8	0.0	572.4	570.9	585.1	582.9	.
Cote d'Ivoire	372	140	7.9	2.6	89.5	13.1	51.6	231.1	175.1	191.0	152.8	183.4
Cyprus	775	364	9.5	16.4	74.2	36.8	13.2	518.7	486.4	461.5	452.6	471.4
Czech Republic	1348	683	7.0	63.2	29.7	41.1	6.4	542.8	521.1	522.9	532.0	528.7
England	262	112	29.0	24.2	46.8	4.3	39.8	529.7	521.2	530.9	589.5	529.5
Finland	1239	780	38.9	13.5	47.6	38.8	2.9	531.4	512.2	533.4	532.5	523.3
France	379	173	22.9	9.8	67.2	41.7	11.9	497.0	488.7	487.6	486.1	472.4
Georgia	936	439	8.7	39.9	51.4	53.0	0.1	453.5	447.4	449.0	446.8	497.7
Hong Kong SAR	185	115	54.3	14.3	31.4	1.3	34.9	529.0	519.0	546.5	478.7	519.7
Hungary	1086	471	78.6	19.6	1.8	40.7	15.8	520.5	513.8	549.3	524.8	518.9
Iran, Islamic Rep. of	224	221	12.2	75.6	12.1	1.3	0.0	392.6	423.5	425.6	346.1	.
Ireland	440	382	53.9	33.5	12.6	3.9	11.5	532.4	523.9	517.6	546.8	520.0
Israel	265	232	8.2	62.8	29.1	3.3	6.8	489.7	480.3	479.5	494.5	472.1
Italy	236	227	52.6	2.9	44.4	0.6	2.9	493.3	509.2	508.6	558.4	491.0
Japan	147	142	67.7	9.6	22.8	1.0	1.7	557.2	551.0	559.1	545.0	559.5
Jordan	225	218	55.2	21.8	23.0	3.3	0.0	416.9	390.5	424.5	408.9	.
Kazakhstan	1209	830	29.4	61.9	8.7	29.2	1.4	435.3	442.7	468.9	443.3	422.9
Korea, Rep. of	243	233	2.9	54.7	42.4	1.5	2.8	556.2	547.8	542.4	541.5	535.1
Kuwait	157	154	61.3	10.9	27.8	0.8	1.1	410.1	426.8	440.3	407.8	372.6
Lithuania	1096	477	10.8	46.1	43.0	42.8	12.4	526.8	518.9	512.8	521.3	520.1
Malaysia	313	312	10.0	78.8	11.2	0.3	0.0	445.4	424.0	429.7	319.3	.
Malta	466	233	15.1	23.1	61.8	34.6	17.0	506.0	539.7	500.7	498.9	479.1
Morocco	511	408	41.0	12.2	46.8	17.8	2.2	327.5	332.9	321.2	332.3	346.5
New Zealand	211	130	3.7	41.5	54.8	3.0	39.3	543.9	502.1	495.4	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	45.5	17.0	37.5	3.9	0.9	463.0	443.1	452.8	450.9	472.5
Palestinian Nat'l Auth.	199	185	77.1	7.1	15.8	3.7	2.9	394.0	382.0	393.6	401.1	374.9
Portugal	521	426	54.2	9.9	35.9	13.9	5.1	507.7	495.7	504.0	510.1	499.9
Qatar	242	224	48.7	21.1	30.2	2.5	1.8	468.8	493.9	486.6	542.5	485.4
Romania	429	209	65.1	14.9	20.1	24.7	25.3	467.6	474.6	474.4	473.3	451.5
Saudi Arabia	214	187	20.4	70.8	8.8	6.4	5.0	421.9	418.9	417.5	419.5	413.4
Singapore	345	343	84.8	9.2	6.0	0.3	0.0	604.8	606.8	627.7	524.4	.
South Africa (9)	288	208	28.4	30.4	41.2	4.1	29.4	358.6	383.5	361.2	329.1	355.8
Sweden	814	618	49.6	8.2	42.3	9.2	14.3	520.5	519.9	526.4	522.8	511.8
Turkiye	189	188	92.5	6.7	0.8	0.6	0.0	532.7	492.9	504.9	478.5	.
United Arab Emirates	1614	1299	49.5	25.6	24.9	4.3	12.8	481.4	494.0	475.1	511.9	498.5
United States	672	550	29.9	29.4	40.7	1.3	10.5	508.5	509.3	525.6	467.7	506.1
Uzbekistan	668	558	60.2	22.8	17.1	14.8	1.4	394.8	400.2	396.9	392.4	387.5
International Avg. (43)	23553	15692	36.9	28.7	34.3	13.7	10.7	475.8	470.4	474.6	465.8	465.1
Abu Dhabi, UAE	597	474	44.3	23.7	32.0	3.9	13.5	432.8	458.6	436.0	480.4	454.5
Dubai, UAE	432	345	48.4	30.0	21.6	3.9	11.7	551.5	543.1	545.5	563.2	537.7
Sharjah, UAE	307	242	54.1	25.8	20.1	5.6	15.4	486.8	498.7	492.4	510.2	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Properties of acids and bases
Location: TQS-22Bg (BTBS22BG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	4.3	20.4	75.2	4.6	35.0	502.9	521.7	527.3	516.6	512.0
Austria	889	526	7.3	42.3	50.4	30.8	10.7	496.9	509.6	516.7	515.7	497.8
Azerbaijan	1140	481	16.1	74.3	9.6	40.7	14.1	402.6	407.7	413.3	414.5	414.9
Bahrain	223	210	26.1	68.6	5.3	3.9	0.0	477.5	434.6	520.0	488.6	.
Brazil	916	866	4.8	6.5	88.7	1.7	4.2	423.2	402.2	420.8	384.4	441.0
Chile	168	143	16.6	6.1	77.4	3.0	11.0	435.9	449.1	460.8	462.5	447.5
Chinese Taipei	239	235	20.3	77.8	2.0	1.8	0.0	571.2	571.7	579.5	574.5	.
Cote d'Ivoire	372	141	3.0	1.7	95.3	12.7	51.6	176.6	173.9	193.6	154.4	183.4
Cyprus	775	364	11.2	14.3	74.5	36.8	13.2	493.9	497.7	462.4	452.6	471.4
Czech Republic	1348	682	5.0	44.0	51.0	41.2	6.4	544.1	523.2	521.0	532.0	528.7
England	262	111	46.7	20.5	32.7	4.7	39.8	523.5	516.8	541.3	587.7	529.5
Finland	1239	788	7.2	70.0	22.8	38.3	2.9	523.0	531.6	527.7	532.0	523.3
France	379	172	5.5	5.1	89.4	42.1	11.9	495.9	496.2	489.3	486.0	472.4
Georgia	936	437	6.6	41.7	51.6	53.5	0.1	443.0	449.6	449.5	446.5	497.7
Hong Kong SAR	185	115	7.0	82.6	10.4	1.3	34.9	608.5	523.7	555.2	481.9	519.7
Hungary	1086	471	36.5	58.3	5.2	40.7	15.8	525.5	514.7	534.3	524.8	518.9
Iran, Islamic Rep. of	224	221	12.8	81.1	6.1	1.3	0.0	398.9	424.6	401.8	346.1	.
Ireland	440	381	23.8	60.4	15.8	3.6	11.5	527.1	528.0	528.9	543.1	520.0
Israel	265	228	2.2	31.1	66.7	4.2	6.8	499.5	477.0	482.7	480.5	472.1
Italy	236	227	65.7	6.2	28.2	0.6	2.9	493.9	529.1	509.8	558.4	491.0
Japan	147	142	3.8	5.7	90.6	1.0	1.7	562.8	553.5	557.1	545.0	559.5
Jordan	225	218	63.9	24.0	12.1	3.3	0.0	414.8	404.5	419.3	408.9	.
Kazakhstan	1209	829	27.2	66.8	6.0	29.5	1.4	434.1	443.1	472.2	444.4	422.9
Korea, Rep. of	243	233	8.0	10.3	81.6	1.5	2.8	557.5	552.3	543.8	541.5	535.1
Kuwait	157	152	74.5	14.9	10.6	2.0	1.1	420.6	428.8	413.4	381.0	372.6
Lithuania	1096	477	14.3	13.7	72.1	42.9	12.4	519.9	527.7	514.6	521.3	520.1
Malaysia	313	312	6.5	75.0	18.5	0.4	0.0	426.2	426.4	428.5	323.2	.
Malta	466	234	24.1	21.4	54.5	34.5	17.0	501.5	545.0	501.2	498.7	479.1
Morocco	511	404	5.6	8.5	85.9	18.7	2.2	327.9	350.0	322.9	330.7	346.5
New Zealand	211	130	1.7	18.6	79.7	3.0	39.3	489.7	505.8	498.9	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	60.6	26.7	12.7	3.3	0.9	464.0	439.0	451.9	450.0	472.5
Palestinian Nat'l Auth.	199	185	12.4	87.1	0.5	3.7	2.9	379.6	394.9	418.4	401.1	374.9
Portugal	521	425	2.6	62.2	35.2	14.0	5.1	517.7	506.5	501.9	510.1	499.9
Qatar	242	223	24.4	62.5	13.0	2.6	1.8	511.6	460.7	508.7	543.1	485.4
Romania	429	209	41.5	37.0	21.5	24.7	25.3	469.4	468.4	473.9	473.3	451.5
Saudi Arabia	214	185	18.8	73.3	7.9	7.5	5.0	430.7	415.7	421.1	424.9	413.4
Singapore	345	343	17.7	79.9	2.4	0.3	0.0	553.9	620.4	529.3	524.4	.
South Africa (9)	288	212	8.6	86.4	5.0	2.3	29.4	351.7	366.6	377.9	339.2	355.8
Sweden	814	618	47.1	32.9	20.1	9.1	14.3	529.1	513.2	526.0	520.5	511.8
Turkiye	189	188	3.4	96.6	0.0	0.6	0.0	529.2	529.9	.	478.5	.
United Arab Emirates	1614	1294	58.4	23.2	18.4	4.5	12.8	490.6	480.1	462.1	513.6	498.5
United States	672	551	31.0	31.3	37.7	1.2	10.5	513.0	504.9	526.8	466.4	506.1
Uzbekistan	668	554	74.7	18.8	6.5	15.4	1.4	396.3	394.6	403.4	392.2	387.5
International Avg. (43)	23553	15666	22.3	41.6	36.1	13.8	10.7	473.4	472.4	474.0	464.3	465.1
Abu Dhabi, UAE	597	471	51.4	20.1	28.5	4.2	13.5	444.0	441.4	430.3	484.7	454.5
Dubai, UAE	432	343	61.1	24.8	14.1	4.2	11.7	560.3	523.9	535.0	561.9	537.7
Sharjah, UAE	307	242	59.1	28.0	12.9	5.7	15.4	491.7	490.9	486.6	512.5	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Matter and energy in chemical reactions, including evidence of chemical change
Location: TQS-22Bh (BTBS22BH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	5.5	78.4	16.2	4.5	35.0	513.5	525.3	528.5	515.8	512.0
Austria	889	523	8.0	37.1	54.8	31.2	10.7	521.9	511.2	512.6	514.5	497.8
Azerbaijan	1140	486	35.3	48.9	15.9	40.6	14.1	407.5	407.8	406.3	414.5	414.9
Bahrain	223	208	30.0	29.3	40.7	4.4	0.0	445.3	463.9	445.2	476.0	.
Brazil	916	869	7.5	12.8	79.7	1.6	4.2	399.1	407.8	423.4	387.2	441.0
Chile	168	143	40.7	16.1	43.2	3.0	11.0	445.1	451.8	465.3	491.7	447.5
Chinese Taipei	239	235	21.4	76.9	1.6	1.8	0.0	570.1	572.0	573.7	582.9	.
Cote d'Ivoire	372	139	5.4	6.4	88.2	13.5	51.6	150.9	168.1	194.3	163.1	183.4
Cyprus	775	363	4.3	17.1	78.6	36.9	13.2	473.6	501.5	464.3	452.4	471.4
Czech Republic	1348	680	5.5	40.3	54.2	41.5	6.4	552.3	518.3	524.0	531.8	528.7
England	262	111	36.1	26.4	37.5	4.4	39.8	534.6	529.1	521.1	590.1	529.5
Finland	1239	782	31.6	41.0	27.5	38.8	2.9	531.2	531.9	525.8	532.1	523.3
France	379	174	5.8	62.2	32.0	41.4	11.9	502.7	490.3	486.9	486.0	472.4
Georgia	936	444	7.7	58.1	34.2	52.7	0.1	439.7	449.2	450.0	446.8	497.7
Hong Kong SAR	185	115	13.0	26.2	60.9	1.8	34.9	557.8	529.3	527.2	541.8	519.7
Hungary	1086	472	40.4	49.9	9.7	40.6	15.8	519.3	517.8	531.4	524.8	518.9
Iran, Islamic Rep. of	224	219	10.5	80.6	8.9	2.2	0.0	396.3	423.5	418.8	364.3	.
Ireland	440	382	17.1	46.7	36.3	3.6	11.5	525.3	537.0	517.4	543.3	520.0
Israel	265	230	4.0	75.5	20.4	3.7	6.8	491.0	483.7	468.0	493.3	472.1
Italy	236	227	47.7	4.6	47.8	0.6	2.9	498.1	514.9	501.6	558.4	491.0
Japan	147	141	0.9	42.1	57.0	2.1	1.7	577.7	556.2	556.9	564.4	559.5
Jordan	225	218	30.1	50.5	19.3	3.3	0.0	409.2	412.1	420.7	408.9	.
Kazakhstan	1209	834	28.1	53.8	18.2	29.2	1.4	437.5	442.5	450.3	444.1	422.9
Korea, Rep. of	243	233	0.5	15.9	83.6	1.5	2.8	563.8	553.3	544.2	541.5	535.1
Kuwait	157	151	22.4	71.4	6.2	2.7	1.1	432.6	412.8	461.5	417.6	372.6
Lithuania	1096	477	5.8	35.0	59.2	42.9	12.4	517.3	522.0	514.5	521.1	520.1
Malaysia	313	312	27.4	31.1	41.5	0.3	0.0	426.0	426.2	426.6	466.3	.
Malta	466	234	17.2	18.2	64.6	34.5	17.0	510.5	547.8	500.2	498.7	479.1
Morocco	511	404	8.3	25.3	66.5	18.6	2.2	328.5	334.0	321.4	332.3	346.5
New Zealand	211	130	4.3	44.7	51.0	3.0	39.3	519.6	502.5	496.1	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	32.4	50.7	16.9	3.7	0.9	454.3	454.8	462.3	447.2	472.5
Palestinian Nat'l Auth.	199	184	21.6	60.1	18.3	4.2	2.9	388.6	393.9	396.0	398.8	374.9
Portugal	521	425	13.2	37.7	49.0	14.1	5.1	511.9	505.9	502.9	509.7	499.9
Qatar	242	222	20.6	66.9	12.5	3.5	1.8	505.3	468.3	499.7	514.7	485.4
Romania	429	209	22.3	48.2	29.4	24.7	25.3	461.6	473.9	470.0	473.3	451.5
Saudi Arabia	214	185	40.4	36.1	23.6	7.4	5.0	420.0	416.0	422.4	422.9	413.4
Singapore	345	343	11.9	68.9	19.1	0.3	0.0	597.5	619.6	564.6	524.4	.
South Africa (9)	288	210	9.1	62.1	28.8	2.7	29.4	389.0	367.8	355.5	335.9	355.8
Sweden	814	618	34.9	24.3	40.9	9.2	14.3	534.0	517.8	517.0	521.5	511.8
Turkiye	189	188	3.8	89.4	6.8	0.6	0.0	549.9	528.7	533.0	478.5	.
United Arab Emirates	1614	1297	41.3	47.5	11.3	4.5	12.8	485.9	481.1	481.5	509.7	498.5
United States	672	551	32.3	51.4	16.3	1.2	10.5	507.1	515.6	532.9	466.4	506.1
Uzbekistan	668	560	50.8	34.1	15.0	14.4	1.4	393.1	398.9	400.8	393.4	387.5
International Avg. (43)	23553	15678	19.9	44.2	35.9	13.9	10.7	474.3	474.1	472.5	471.0	465.1
Abu Dhabi, UAE	597	474	47.3	36.6	16.1	3.9	13.5	424.3	461.1	437.8	480.4	454.5
Dubai, UAE	432	344	44.7	47.0	8.3	4.2	11.7	562.3	533.3	551.8	559.4	537.7
Sharjah, UAE	307	242	34.1	56.6	9.4	5.3	15.4	505.5	476.4	523.8	515.5	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: How to change the rate of chemical reactions
Location: TQS-22Bi (BTBS22BI)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	2.6	32.8	64.6	4.5	35.0	542.3	530.1	522.0	515.8	512.0
Austria	889	527	5.5	29.0	65.5	30.7	10.7	517.6	510.7	512.6	515.5	497.8
Azerbaijan	1140	488	17.5	71.8	10.7	40.0	14.1	395.0	409.7	413.9	414.5	414.9
Bahrain	223	210	13.4	23.4	63.2	3.9	0.0	421.9	467.8	449.9	488.6	.
Brazil	916	870	3.0	6.0	91.0	1.5	4.2	394.7	415.9	420.6	388.5	441.0
Chile	168	144	16.3	10.4	73.3	2.3	11.0	435.5	450.8	460.3	490.2	447.5
Chinese Taipei	239	236	18.9	78.9	2.1	1.1	0.0	570.5	571.3	593.6	588.5	.
Cote d'Ivoire	372	141	0.6	2.8	96.6	12.7	51.6	220.4	240.3	191.2	154.4	183.4
Cyprus	775	364	4.6	7.0	88.5	36.8	13.2	469.7	480.1	470.2	452.7	471.4
Czech Republic	1348	681	5.3	38.7	56.0	41.3	6.4	546.1	519.2	523.9	531.9	528.7
England	262	112	8.0	22.8	69.2	4.3	39.8	525.4	518.4	531.8	589.5	529.5
Finland	1239	785	68.7	15.3	16.1	38.7	2.9	534.4	521.0	518.0	532.6	523.3
France	379	172	3.6	16.7	79.7	41.9	11.9	494.4	490.7	489.4	486.2	472.4
Georgia	936	445	6.7	28.4	64.9	52.6	0.1	440.1	454.5	447.2	446.7	497.7
Hong Kong SAR	185	115	7.3	14.3	78.4	1.3	34.9	565.5	565.9	524.1	478.7	519.7
Hungary	1086	471	22.1	49.1	28.8	40.7	15.8	507.9	519.3	529.5	524.8	518.9
Iran, Islamic Rep. of	224	220	11.4	75.6	13.0	1.8	0.0	401.3	419.1	439.9	378.1	.
Ireland	440	382	3.8	48.3	47.9	3.6	11.5	529.1	537.1	518.6	543.3	520.0
Israel	265	231	1.5	38.2	60.3	3.5	6.8	460.9	471.5	487.2	493.2	472.1
Italy	236	226	30.1	1.8	68.0	1.1	2.9	495.7	531.8	501.9	533.7	491.0
Japan	147	142	0.0	17.0	83.0	1.0	1.7	.	554.0	557.7	545.0	559.5
Jordan	225	218	20.9	39.7	39.4	3.3	0.0	395.9	411.1	423.6	408.9	.
Kazakhstan	1209	829	21.4	41.0	37.6	29.4	1.4	438.9	438.9	448.6	443.9	422.9
Korea, Rep. of	243	233	0.4	11.5	88.1	1.5	2.8	561.7	555.1	544.5	541.5	535.1
Kuwait	157	153	10.1	67.7	22.3	1.3	1.1	402.4	403.3	483.6	351.2	372.6
Lithuania	1096	475	5.8	24.0	70.2	43.1	12.4	516.2	524.6	514.7	521.2	520.1
Malaysia	313	312	12.9	20.0	67.1	0.4	0.0	428.8	424.0	426.9	377.5	.
Malta	466	234	5.4	10.6	84.0	34.5	17.0	493.3	538.0	508.3	498.7	479.1
Morocco	511	405	5.8	18.9	75.3	18.4	2.2	321.7	330.8	323.8	333.0	346.5
New Zealand	211	130	2.7	17.8	79.5	3.0	39.3	507.1	515.9	496.2	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	21.1	22.9	56.0	3.4	0.9	444.3	453.1	461.1	452.1	472.5
Palestinian Nat'l Auth.	199	183	9.3	30.8	59.8	4.7	2.9	387.5	395.1	393.1	397.6	374.9
Portugal	521	426	3.1	46.1	50.8	13.9	5.1	520.7	504.4	504.9	510.1	499.9
Qatar	242	224	8.1	38.8	53.1	2.5	1.8	536.2	474.1	474.7	542.5	485.4
Romania	429	208	19.3	40.5	40.1	25.3	25.3	462.0	472.3	470.8	473.8	451.5
Saudi Arabia	214	186	25.3	22.6	52.2	6.9	5.0	413.8	421.7	422.1	412.8	413.4
Singapore	345	343	7.8	19.6	72.6	0.3	0.0	557.4	632.4	604.6	524.4	.
South Africa (9)	288	210	8.8	38.0	53.3	3.3	29.4	348.7	371.6	365.6	336.7	355.8
Sweden	814	621	23.0	14.2	62.7	9.0	14.3	522.3	521.5	523.7	522.0	511.8
Turkiye	189	188	6.1	44.5	49.4	0.6	0.0	522.5	525.1	535.0	478.5	.
United Arab Emirates	1614	1297	26.1	41.7	32.2	4.4	12.8	461.9	484.8	498.4	508.4	498.5
United States	672	551	27.7	29.3	42.9	1.2	10.5	507.2	511.5	524.0	466.4	506.1
Uzbekistan	668	561	24.6	61.5	13.8	14.4	1.4	385.6	400.6	396.2	392.8	387.5
International Avg. (43)	23553	15699	12.7	30.9	56.4	13.7	10.7	466.8	476.5	475.5	466.0	465.1
Abu Dhabi, UAE	597	474	30.1	27.2	42.7	3.9	13.5	401.7	468.6	448.7	480.4	454.5
Dubai, UAE	432	345	25.1	43.9	31.0	3.9	11.7	533.8	540.5	569.1	563.2	537.7
Sharjah, UAE	307	242	23.9	49.9	26.1	5.4	15.4	491.4	472.7	526.0	509.4	533.2

Question: When students in this class have been taught each of the following science topics. Chemistry: Chemical bonds (e.g., role of electrons)
Location: TQS-22Bj (BTBS22BJ)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	479	1.2	17.4	81.4	4.5	35.0	521.9	527.8	524.7	515.8	512.0
Austria	889	527	11.5	46.1	42.4	30.7	10.7	528.3	505.9	515.0	515.5	497.8
Azerbaijan	1140	489	23.3	60.4	16.3	40.0	14.1	396.6	409.6	413.7	414.8	414.9
Bahrain	223	209	13.2	33.1	53.7	4.3	0.0	424.8	462.2	449.2	486.1	.
Brazil	916	870	2.1	5.1	92.8	1.5	4.2	381.7	406.6	421.1	388.5	441.0
Chile	168	144	5.2	59.3	35.5	2.3	11.0	444.7	454.8	457.5	490.2	447.5
Chinese Taipei	239	235	11.1	33.3	55.6	1.8	0.0	579.7	580.0	565.6	564.3	.
Cote d'Ivoire	372	139	3.1	9.3	87.6	13.2	51.6	147.1	198.9	193.1	157.1	183.4
Cyprus	775	364	4.7	7.9	87.5	36.8	13.2	453.2	477.7	471.3	452.6	471.4
Czech Republic	1348	683	8.7	68.5	22.8	41.1	6.4	545.8	519.5	525.3	532.0	528.7
England	262	112	2.1	45.0	52.9	4.3	39.8	524.5	538.0	520.1	589.5	529.5
Finland	1239	787	4.7	76.8	18.6	38.5	2.9	510.1	532.5	524.6	532.2	523.3
France	379	173	0.6	4.9	94.5	41.7	11.9	490.8	470.1	490.9	486.1	472.4
Georgia	936	445	4.2	56.5	39.3	52.6	0.1	444.0	446.9	451.8	446.8	497.7
Hong Kong SAR	185	115	1.5	7.6	90.9	1.3	34.9	524.7	620.7	525.9	478.7	519.7
Hungary	1086	470	61.9	32.4	5.8	40.8	15.8	519.0	519.0	530.6	524.8	518.9
Iran, Islamic Rep. of	224	221	9.4	39.0	51.5	1.3	0.0	393.6	411.5	431.1	346.1	.
Ireland	440	381	5.8	44.1	50.0	4.1	11.5	511.4	533.0	525.1	544.3	520.0
Israel	265	232	3.1	55.7	41.3	3.3	6.8	511.7	482.1	476.8	494.5	472.1
Italy	236	227	71.1	9.2	19.7	0.6	2.9	495.1	526.2	508.2	558.4	491.0
Japan	147	142	0.0	8.8	91.2	1.0	1.7	.	576.7	555.2	545.0	559.5
Jordan	225	218	15.0	80.4	4.5	3.3	0.0	400.9	415.4	407.1	408.9	.
Kazakhstan	1209	827	25.3	64.9	9.8	29.6	1.4	434.6	443.9	454.8	443.7	422.9
Korea, Rep. of	243	233	0.4	17.4	82.2	1.5	2.8	561.7	554.4	543.9	541.5	535.1
Kuwait	157	154	11.8	67.8	20.4	0.8	1.1	420.1	402.2	480.7	407.8	372.6
Lithuania	1096	475	5.0	35.3	59.7	42.9	12.4	513.9	523.2	513.8	521.3	520.1
Malaysia	313	313	13.2	17.3	69.5	0.0	0.0	418.9	427.0	427.7	.	.
Malta	466	234	5.2	29.4	65.5	34.5	17.0	490.8	558.1	490.9	498.7	479.1
Morocco	511	407	4.2	8.9	86.9	18.0	2.2	324.1	329.6	325.0	331.6	346.5
New Zealand	211	130	1.2	17.9	80.8	3.0	39.3	486.4	516.1	496.7	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	13.6	22.3	64.1	2.9	0.9	450.6	441.4	462.0	447.5	472.5
Palestinian Nat'l Auth.	199	185	7.6	90.2	2.2	3.7	2.9	389.8	392.9	411.6	401.1	374.9
Portugal	521	427	2.2	8.9	88.9	13.7	5.1	501.6	507.6	505.0	510.0	499.9
Qatar	242	223	9.5	26.2	64.3	3.6	1.8	520.1	492.4	468.6	515.3	485.4
Romania	429	209	49.8	25.0	25.3	24.7	25.3	469.0	468.9	473.0	473.3	451.5
Saudi Arabia	214	186	21.1	26.6	52.3	6.9	5.0	421.4	420.6	418.1	418.9	413.4
Singapore	345	343	10.2	16.6	73.2	0.3	0.0	619.9	672.4	589.5	524.4	.
South Africa (9)	288	211	9.2	51.7	39.0	3.1	29.4	357.2	378.0	352.7	339.6	355.8
Sweden	814	620	12.5	30.5	57.0	9.1	14.3	525.6	526.2	520.9	522.0	511.8
Turkiye	189	188	13.5	33.9	52.6	0.6	0.0	525.3	529.1	531.5	478.5	.
United Arab Emirates	1614	1298	20.4	48.5	31.1	4.3	12.8	443.1	491.0	496.6	513.9	498.5
United States	672	550	28.0	39.0	33.0	1.5	10.5	505.8	516.9	522.7	473.3	506.1
Uzbekistan	668	560	23.7	65.9	10.5	14.5	1.4	386.2	399.5	399.2	392.7	387.5
International Avg. (43)	23553	15708	12.8	35.9	51.3	13.7	10.7	464.7	479.2	473.7	468.5	465.1
Abu Dhabi, UAE	597	474	27.8	34.7	37.5	3.9	13.5	387.3	474.5	447.0	480.4	454.5
Dubai, UAE	432	345	16.5	52.0	31.4	3.9	11.7	523.8	550.0	556.4	563.2	537.7
Sharjah, UAE	307	242	15.3	55.1	29.6	5.5	15.4	495.9	472.1	522.0	518.0	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Separation and motion of atoms/molecules in solids, liquids, and gases
Location: TQS-22Ca (BTBS22CA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	42.8	45.3	11.9	4.6	35.0	523.2	533.0	504.0	513.6	512.0
Austria	889	510	41.0	15.1	43.9	33.3	10.7	517.5	481.9	518.5	514.9	497.8
Azerbaijan	1140	472	62.6	31.4	6.0	41.6	14.1	407.8	410.5	395.8	413.9	414.9
Bahrain	223	208	26.3	59.6	14.0	4.5	0.0	459.4	442.2	462.3	499.9	.
Brazil	916	869	15.3	9.6	75.1	1.9	4.2	422.3	439.4	416.3	399.3	441.0
Chile	168	142	47.8	32.1	20.1	3.2	11.0	454.5	460.9	447.9	480.7	447.5
Chinese Taipei	239	235	33.0	59.3	7.7	1.5	0.0	567.8	575.0	562.0	586.9	.
Cote d'Ivoire	372	144	30.4	6.7	62.8	12.2	51.6	185.3	145.7	197.9	159.2	183.4
Cyprus	775	329	17.9	15.4	66.7	41.2	13.2	520.0	475.3	458.5	453.3	471.4
Czech Republic	1348	682	62.2	28.9	8.8	41.8	6.4	523.9	519.3	536.8	531.2	528.7
England	262	112	68.7	22.2	9.1	3.8	39.8	531.6	506.8	568.1	580.4	529.5
Finland	1239	758	40.4	39.0	20.6	40.6	2.9	531.8	530.7	526.1	531.7	523.3
France	379	171	30.9	43.7	25.4	42.6	11.9	496.7	490.8	478.5	486.6	472.4
Georgia	936	432	49.0	33.3	17.6	53.1	0.1	448.4	450.9	447.4	446.6	497.7
Hong Kong SAR	185	114	62.1	15.6	22.3	2.3	34.9	529.8	573.4	511.6	516.4	519.7
Hungary	1086	443	76.6	14.0	9.3	42.8	15.8	513.8	527.3	528.3	527.1	518.9
Iran, Islamic Rep. of	224	222	63.4	29.6	7.0	0.9	0.0	422.1	411.9	420.2	426.6	.
Ireland	440	382	84.4	10.9	4.8	3.5	11.5	528.4	514.6	548.5	544.8	520.0
Israel	265	236	52.9	35.4	11.7	2.3	6.8	488.2	472.3	482.5	457.5	472.1
Italy	236	227	73.3	3.0	23.7	0.6	2.9	498.7	492.0	507.5	558.4	491.0
Japan	147	142	70.4	15.6	14.1	1.4	1.7	556.6	551.2	563.9	567.7	559.5
Jordan	225	218	36.5	42.3	21.2	2.6	0.0	404.6	414.6	427.8	373.8	.
Kazakhstan	1209	822	63.7	32.7	3.6	29.6	1.4	435.9	454.0	446.0	444.8	422.9
Korea, Rep. of	243	236	78.4	18.3	3.3	0.7	2.8	546.7	543.2	534.2	547.1	535.1
Kuwait	157	153	53.7	39.5	6.8	1.4	1.1	416.9	417.2	465.7	414.5	372.6
Lithuania	1096	448	63.4	15.0	21.6	45.9	12.4	519.2	520.3	516.7	519.5	520.1
Malaysia	313	312	69.5	18.8	11.7	0.3	0.0	430.9	422.2	404.6	486.1	.
Malta	466	282	22.0	61.5	16.5	13.4	17.0	516.8	492.6	497.2	542.1	479.1
Morocco	511	403	37.5	16.9	45.6	18.6	2.2	329.1	333.3	321.7	327.0	346.5
New Zealand	211	129	7.3	69.6	23.1	3.1	39.3	534.9	505.4	472.8	450.5	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	69.1	20.5	10.3	2.9	0.9	456.4	447.1	464.7	463.1	472.5
Palestinian Nat'l Auth.	199	183	71.8	14.1	14.0	4.9	2.9	395.6	390.0	386.2	391.8	374.9
Portugal	521	424	14.0	45.4	40.7	14.4	5.1	517.0	499.9	505.6	512.9	499.9
Qatar	242	226	63.3	20.8	16.0	2.2	1.8	466.2	507.1	497.0	542.4	485.4
Romania	429	211	49.0	30.4	20.6	25.3	25.3	473.3	470.6	470.8	469.4	451.5
Saudi Arabia	214	187	34.3	52.8	12.9	6.5	5.0	427.3	414.3	421.1	416.5	413.4
Singapore	345	343	76.6	11.0	12.3	0.7	0.0	619.3	616.4	512.7	657.1	.
South Africa (9)	288	206	45.8	31.8	22.4	3.8	29.4	368.6	379.8	342.2	343.9	355.8
Sweden	814	608	79.8	13.7	6.4	11.8	14.3	520.7	543.7	510.3	521.8	511.8
Turkiye	189	188	80.8	12.0	7.2	0.6	0.0	534.0	507.9	519.2	478.5	.
United Arab Emirates	1614	1316	61.6	27.0	11.4	3.2	12.8	491.3	474.0	463.2	514.0	498.5
United States	672	550	41.8	45.9	12.2	1.5	10.5	515.4	516.0	515.8	470.4	506.1
Uzbekistan	668	554	75.5	9.9	14.6	15.2	1.4	397.5	391.1	397.8	389.5	387.5
International Avg. (43)	23553	15580	52.3	28.3	19.5	13.7	10.7	475.5	471.3	469.2	476.1	465.1
Abu Dhabi, UAE	597	482	57.3	27.1	15.6	2.2	13.5	442.0	443.3	429.6	492.2	454.5
Dubai, UAE	432	348	66.6	26.8	6.6	3.2	11.7	563.5	519.9	513.5	545.5	537.7
Sharjah, UAE	307	246	62.2	26.6	11.3	4.2	15.4	490.3	485.4	507.1	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Characteristics of matter and energy during state changes
Location: TQS-22Cb (BTBS22CB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	42.1	52.6	5.2	4.7	35.0	523.7	529.8	494.5	513.4	512.0
Austria	889	510	43.7	15.9	40.4	33.2	10.7	517.2	486.5	516.6	515.7	497.8
Azerbaijan	1140	464	43.1	46.5	10.4	42.4	14.1	404.8	412.7	399.8	413.7	414.9
Bahrain	223	208	24.1	60.2	15.7	4.5	0.0	458.6	440.9	468.9	499.9	.
Brazil	916	875	29.6	19.5	50.9	1.2	4.2	417.6	421.1	420.1	377.8	441.0
Chile	168	143	67.4	25.3	7.3	2.5	11.0	453.6	459.4	458.4	480.2	447.5
Chinese Taipei	239	235	33.6	63.3	3.1	1.5	0.0	572.9	572.5	540.1	586.9	.
Cote d'Ivoire	372	143	37.6	3.0	59.4	12.4	51.6	181.8	130.7	199.7	158.7	183.4
Cyprus	775	328	11.9	20.7	67.4	41.3	13.2	513.8	488.4	459.8	453.3	471.4
Czech Republic	1348	675	27.4	52.8	19.8	42.3	6.4	523.7	520.2	530.7	531.6	528.7
England	262	112	55.7	29.7	14.6	3.8	39.8	525.0	532.5	539.9	580.4	529.5
Finland	1239	759	36.9	44.7	18.4	40.4	2.9	527.9	535.1	524.9	531.3	523.3
France	379	171	50.9	34.5	14.6	42.6	11.9	492.8	491.5	475.8	486.1	472.4
Georgia	936	434	34.6	57.0	8.5	53.2	0.1	448.8	449.3	442.9	447.0	497.7
Hong Kong SAR	185	114	65.1	15.5	19.4	2.3	34.9	530.2	561.6	517.2	516.4	519.7
Hungary	1086	447	82.6	13.4	4.0	42.4	15.8	513.7	526.2	550.4	527.4	518.9
Iran, Islamic Rep. of	224	221	53.8	38.7	7.6	1.3	0.0	427.3	405.6	433.1	391.4	.
Ireland	440	379	76.2	15.5	8.2	4.4	11.5	527.4	523.0	542.9	539.8	520.0
Israel	265	236	62.8	28.3	9.0	2.3	6.8	488.7	472.7	463.2	457.5	472.1
Italy	236	227	86.8	2.6	10.6	0.6	2.9	500.3	470.5	510.2	558.4	491.0
Japan	147	142	68.7	11.5	19.8	1.4	1.7	558.2	552.9	554.1	567.7	559.5
Jordan	225	217	38.1	48.6	13.3	3.6	0.0	408.9	418.9	411.8	374.1	.
Kazakhstan	1209	824	47.7	48.9	3.4	29.6	1.4	435.8	447.8	460.5	444.1	422.9
Korea, Rep. of	243	236	74.3	19.3	6.3	0.7	2.8	546.1	548.3	533.0	547.1	535.1
Kuwait	157	153	49.5	41.5	9.0	1.4	1.1	413.8	416.5	473.9	414.5	372.6
Lithuania	1096	449	38.8	28.3	32.9	45.8	12.4	518.4	518.9	519.7	519.4	520.1
Malaysia	313	312	67.1	22.6	10.3	0.3	0.0	429.9	418.8	418.0	486.1	.
Malta	466	281	17.4	62.0	20.6	13.5	17.0	520.6	489.9	505.7	542.6	479.1
Morocco	511	400	48.3	12.8	38.9	18.9	2.2	323.7	344.1	324.1	326.6	346.5
New Zealand	211	129	5.6	74.7	19.7	3.1	39.3	503.8	505.4	479.2	448.8	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	63.0	20.2	16.8	2.9	0.9	459.3	433.3	467.1	463.1	472.5
Palestinian Nat'l Auth.	199	184	68.8	15.0	16.2	4.5	2.9	395.9	382.8	394.0	389.3	374.9
Portugal	521	425	33.3	28.5	38.2	14.2	5.1	509.4	500.2	503.9	512.7	499.9
Qatar	242	226	56.3	29.9	13.8	2.2	1.8	467.8	498.5	487.2	542.4	485.4
Romania	429	211	42.7	37.6	19.7	25.3	25.3	473.7	470.6	470.7	469.4	451.5
Saudi Arabia	214	188	31.6	61.2	7.2	6.0	5.0	419.0	419.0	422.0	422.4	413.4
Singapore	345	343	70.2	18.5	11.3	0.7	0.0	618.1	594.8	547.2	657.1	.
South Africa (9)	288	208	53.8	23.6	22.6	3.5	29.4	367.0	382.2	345.3	352.6	355.8
Sweden	814	605	79.8	13.5	6.7	12.1	14.3	521.9	540.6	504.8	520.8	511.8
Turkiye	189	188	61.1	33.9	4.9	0.6	0.0	529.1	532.6	520.3	478.5	.
United Arab Emirates	1614	1314	53.7	36.5	9.8	3.2	12.8	489.8	471.3	492.5	514.4	498.5
United States	672	550	42.8	47.8	9.4	1.5	10.5	515.6	516.1	514.6	470.4	506.1
Uzbekistan	668	553	72.6	10.7	16.6	15.6	1.4	397.5	392.1	398.1	389.3	387.5
International Avg. (43)	23553	15569	50.0	32.3	17.7	13.7	10.7	473.8	470.4	470.6	474.9	465.1
Abu Dhabi, UAE	597	480	51.1	37.3	11.6	2.5	13.5	437.6	438.5	456.6	496.7	454.5
Dubai, UAE	432	348	59.4	33.9	6.7	3.2	11.7	557.8	530.7	556.1	545.0	537.7
Sharjah, UAE	307	246	52.0	37.2	10.7	4.2	15.4	494.4	477.4	520.7	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Types of energy (e.g., kinetic, potential, thermal) and examples of energy transformations
Location: TQS-22Cc (BTBS22CC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	11.9	83.4	4.7	4.9	35.0	507.4	528.5	509.9	516.8	512.0
Austria	889	510	44.1	10.5	45.4	33.2	10.7	512.9	498.2	514.5	515.6	497.8
Azerbaijan	1140	471	59.3	33.7	6.9	41.5	14.1	408.2	407.7	405.1	413.9	414.9
Bahrain	223	207	47.4	30.8	21.7	4.9	0.0	450.3	443.2	456.9	495.8	.
Brazil	916	870	8.8	50.2	40.9	2.3	4.2	415.5	426.1	412.6	393.7	441.0
Chile	168	143	69.6	18.9	11.5	2.5	11.0	452.7	456.0	471.4	480.2	447.5
Chinese Taipei	239	234	14.1	19.0	66.9	2.3	0.0	575.0	579.9	568.9	570.0	.
Cote d'Ivoire	372	143	4.7	3.1	92.2	12.0	51.6	168.6	151.6	195.1	152.8	183.4
Cyprus	775	329	14.2	13.1	72.7	41.2	13.2	517.8	475.4	462.7	453.3	471.4
Czech Republic	1348	675	17.4	70.8	11.8	42.3	6.4	523.5	521.4	534.2	531.7	528.7
England	262	112	38.5	51.8	9.7	3.8	39.8	520.7	535.9	529.2	580.4	529.5
Finland	1239	757	9.2	63.0	27.8	40.4	2.9	526.3	535.1	521.3	531.4	523.3
France	379	172	20.7	12.5	66.9	42.2	11.9	501.4	486.1	486.4	486.5	472.4
Georgia	936	432	16.9	67.3	15.7	53.6	0.1	454.5	445.6	452.7	447.3	497.7
Hong Kong SAR	185	113	83.4	12.3	4.3	2.9	34.9	528.3	544.8	588.5	511.9	519.7
Hungary	1086	441	77.9	17.4	4.7	42.8	15.8	512.7	523.1	557.4	527.5	518.9
Iran, Islamic Rep. of	224	219	77.2	20.7	2.1	2.6	0.0	419.2	414.6	420.5	446.0	.
Ireland	440	382	29.3	51.6	19.0	3.6	11.5	536.4	532.0	504.5	540.6	520.0
Israel	265	236	61.4	18.4	20.2	2.3	6.8	480.5	477.6	490.0	457.5	472.1
Italy	236	227	23.9	27.4	48.7	0.6	2.9	500.6	493.7	504.4	558.4	491.0
Japan	147	142	7.5	4.5	88.1	1.4	1.7	533.2	568.8	558.2	567.7	559.5
Jordan	225	220	54.4	28.7	16.9	2.0	0.0	418.0	394.4	428.1	402.9	.
Kazakhstan	1209	823	61.2	33.5	5.3	29.7	1.4	438.9	447.7	452.1	444.0	422.9
Korea, Rep. of	243	235	5.5	16.1	78.3	1.3	2.8	542.7	548.6	545.3	545.8	535.1
Kuwait	157	151	71.5	13.9	14.6	2.9	1.1	420.1	427.0	405.9	460.5	372.6
Lithuania	1096	446	17.6	59.7	22.8	46.0	12.4	518.0	521.3	514.4	519.2	520.1
Malaysia	313	312	32.7	39.3	28.0	0.3	0.0	425.2	434.7	415.4	486.1	.
Malta	466	281	12.1	64.0	23.9	13.5	17.0	519.8	489.3	512.4	542.6	479.1
Morocco	511	401	16.5	7.6	75.9	19.1	2.2	315.5	347.8	326.3	328.0	346.5
New Zealand	211	130	4.1	69.2	26.8	3.0	39.3	542.7	498.6	497.1	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	62.6	12.5	25.0	2.5	0.9	459.3	433.8	456.7	460.4	472.5
Palestinian Nat'l Auth.	199	184	39.4	49.7	10.9	4.5	2.9	388.0	398.3	392.6	389.3	374.9
Portugal	521	425	17.2	5.2	77.6	14.2	5.1	511.8	508.1	502.9	512.7	499.9
Qatar	242	224	26.0	60.2	13.8	2.6	1.8	499.9	467.3	495.8	530.2	485.4
Romania	429	209	63.2	15.1	21.7	26.0	25.3	470.6	469.3	475.4	470.4	451.5
Saudi Arabia	214	187	18.7	78.1	3.2	6.5	5.0	433.8	416.1	392.8	430.5	413.4
Singapore	345	343	18.6	76.9	4.6	0.7	0.0	596.9	609.6	577.6	657.1	.
South Africa (9)	288	205	41.4	35.7	22.8	4.3	29.4	373.3	368.7	351.1	341.6	355.8
Sweden	814	598	18.9	32.4	48.7	13.4	14.3	524.4	532.8	516.0	522.4	511.8
Turkiye	189	188	93.7	5.7	0.6	0.6	0.0	533.1	482.6	463.8	478.5	.
United Arab Emirates	1614	1316	42.2	48.0	9.8	3.0	12.8	498.0	461.6	526.4	518.6	498.5
United States	672	550	45.6	48.2	6.2	1.5	10.5	511.8	517.7	529.4	470.4	506.1
Uzbekistan	668	551	78.7	15.6	5.6	15.7	1.4	395.9	399.1	407.9	388.9	387.5
International Avg. (43)	23553	15544	36.7	34.8	28.5	13.9	10.7	474.0	470.2	472.8	477.4	465.1
Abu Dhabi, UAE	597	482	41.6	53.3	5.1	2.1	13.5	463.8	416.2	504.9	489.7	454.5
Dubai, UAE	432	349	48.3	40.4	11.2	3.0	11.7	557.1	537.2	550.8	549.4	537.7
Sharjah, UAE	307	244	39.2	45.0	15.8	4.5	15.4	489.0	476.6	534.5	521.1	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Thermal conductivity and the transfer of thermal energy between objects of different temperatures
Location: TQS-22Cd (BTBS22CD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	6.7	64.3	28.9	4.6	35.0	519.3	525.4	526.7	513.6	512.0
Austria	889	510	49.4	7.1	43.6	33.2	10.7	510.3	488.1	518.1	515.6	497.8
Azerbaijan	1140	469	27.9	64.2	7.9	41.7	14.1	408.3	407.8	404.1	414.1	414.9
Bahrain	223	208	30.7	50.8	18.5	4.5	0.0	454.3	444.2	456.6	499.9	.
Brazil	916	872	20.6	32.4	47.0	1.4	4.2	415.7	422.5	419.4	376.9	441.0
Chile	168	143	39.6	49.0	11.4	2.5	11.0	454.3	451.9	474.8	480.2	447.5
Chinese Taipei	239	235	29.8	58.7	11.5	1.5	0.0	567.2	573.1	575.0	586.9	.
Cote d'Ivoire	372	140	6.4	1.7	91.9	12.9	51.6	194.1	162.0	192.7	156.3	183.4
Cyprus	775	329	5.7	18.1	76.2	41.2	13.2	498.1	502.0	463.1	453.3	471.4
Czech Republic	1348	673	16.4	67.4	16.2	42.4	6.4	522.7	520.0	536.1	531.9	528.7
England	262	112	35.5	39.6	24.9	3.8	39.8	523.6	529.3	537.9	580.4	529.5
Finland	1239	756	30.0	47.6	22.3	40.5	2.9	524.2	536.3	526.7	531.3	523.3
France	379	172	17.0	5.8	77.2	42.2	11.9	494.7	499.1	487.8	486.4	472.4
Georgia	936	434	14.2	74.2	11.6	53.1	0.1	451.5	446.9	453.1	447.2	497.7
Hong Kong SAR	185	114	48.1	18.6	33.3	2.2	34.9	531.6	561.5	518.9	505.7	519.7
Hungary	1086	443	72.2	19.7	8.1	42.9	15.8	513.4	531.0	522.1	526.6	518.9
Iran, Islamic Rep. of	224	222	68.0	30.0	2.1	0.8	0.0	424.8	405.6	413.6	438.7	.
Ireland	440	382	9.0	35.6	55.4	3.4	11.5	527.0	528.6	527.5	546.3	520.0
Israel	265	235	57.3	18.9	23.8	2.6	6.8	483.5	481.0	478.9	459.0	472.1
Italy	236	226	60.4	11.5	28.1	0.9	2.9	503.5	487.9	499.8	533.6	491.0
Japan	147	142	6.4	14.5	79.1	1.4	1.7	528.7	552.5	559.8	567.7	559.5
Jordan	225	218	36.5	48.9	14.7	2.3	0.0	418.2	405.9	423.4	403.2	.
Kazakhstan	1209	824	28.7	67.4	3.9	29.8	1.4	430.2	446.5	456.0	444.8	422.9
Korea, Rep. of	243	235	8.3	72.3	19.3	1.3	2.8	543.5	547.4	540.2	545.8	535.1
Kuwait	157	150	62.6	18.7	18.7	3.3	1.1	413.7	446.2	420.5	395.9	372.6
Lithuania	1096	446	31.8	16.1	52.1	46.0	12.4	516.6	529.2	517.1	519.4	520.1
Malaysia	313	312	26.7	39.5	33.9	0.3	0.0	429.8	425.5	424.2	486.1	.
Malta	466	280	4.7	48.1	47.2	13.7	17.0	474.5	499.6	500.0	541.5	479.1
Morocco	511	401	29.1	8.0	62.9	19.1	2.2	333.8	329.7	322.0	328.5	346.5
New Zealand	211	130	2.7	44.2	53.1	3.0	39.3	516.7	499.7	499.4	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	63.1	12.0	24.9	3.5	0.9	458.2	436.2	456.3	470.0	472.5
Palestinian Nat'l Auth.	199	181	72.2	11.4	16.4	6.0	2.9	396.1	379.4	393.5	388.0	374.9
Portugal	521	425	25.4	5.1	69.5	14.2	5.1	511.4	513.5	501.6	512.7	499.9
Qatar	242	226	33.0	50.3	16.8	2.2	1.8	490.2	465.3	501.8	542.4	485.4
Romania	429	209	39.9	39.7	20.5	25.9	25.3	471.6	470.1	475.9	469.6	451.5
Saudi Arabia	214	189	10.6	86.3	3.1	5.4	5.0	432.8	418.5	388.5	425.3	413.4
Singapore	345	343	10.7	86.1	3.2	0.7	0.0	576.0	608.9	621.5	657.1	.
South Africa (9)	288	203	33.8	24.0	42.3	5.8	29.4	365.7	379.1	360.7	345.6	355.8
Sweden	814	604	54.4	21.6	24.0	12.2	14.3	520.9	532.6	520.8	520.5	511.8
Turkiye	189	188	74.6	22.6	2.7	0.6	0.0	528.6	533.7	530.9	478.5	.
United Arab Emirates	1614	1314	40.6	44.5	14.9	3.4	12.8	495.7	466.2	503.9	501.8	498.5
United States	672	550	45.2	40.4	14.4	1.5	10.5	510.8	517.2	527.4	470.4	506.1
Uzbekistan	668	554	65.6	19.2	15.2	15.4	1.4	397.5	395.2	397.6	388.8	387.5
International Avg. (43)	23553	15548	33.8	36.2	30.1	13.9	10.7	471.7	472.1	473.9	475.3	465.1
Abu Dhabi, UAE	597	481	42.4	43.5	14.0	2.7	13.5	449.2	427.7	459.6	456.4	454.5
Dubai, UAE	432	349	46.8	37.3	15.9	3.2	11.7	554.7	538.8	554.0	540.4	537.7
Sharjah, UAE	307	245	37.6	45.9	16.5	4.3	15.4	503.7	472.2	513.4	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Reflection, refraction, or absorption of light
Location: TQS-22Ce (BTBS22CE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	2.4	26.3	71.3	4.6	35.0	503.1	520.6	527.9	513.6	512.0
Austria	889	508	6.8	42.1	51.1	33.5	10.7	509.3	506.1	517.2	515.8	497.8
Azerbaijan	1140	467	18.6	18.1	63.3	41.9	14.1	399.7	407.4	409.1	414.7	414.9
Bahrain	223	208	19.0	74.3	6.7	4.5	0.0	469.4	441.0	488.9	499.9	.
Brazil	916	869	10.1	12.2	77.7	2.1	4.2	420.3	407.8	421.3	395.0	441.0
Chile	168	143	33.4	7.1	59.5	2.5	11.0	440.1	455.3	464.1	480.2	447.5
Chinese Taipei	239	235	38.4	61.6	0.0	1.5	0.0	568.7	573.4	.	586.9	.
Cote d'Ivoire	372	142	9.3	19.1	71.6	12.3	51.6	180.1	175.2	197.8	155.7	183.4
Cyprus	775	329	4.4	19.0	76.6	41.2	13.2	469.5	505.7	464.0	453.3	471.4
Czech Republic	1348	674	35.6	25.0	39.4	42.3	6.4	521.2	519.4	527.4	531.7	528.7
England	262	112	51.9	14.5	33.5	3.8	39.8	526.9	538.1	529.4	580.4	529.5
Finland	1239	756	79.2	6.0	14.8	40.4	2.9	530.9	530.5	528.0	531.4	523.3
France	379	170	5.8	6.7	87.5	42.9	11.9	499.9	503.9	487.9	486.4	472.4
Georgia	936	431	11.9	17.6	70.5	53.6	0.1	452.1	446.3	448.2	447.2	497.7
Hong Kong SAR	185	115	4.2	10.7	85.1	1.9	34.9	532.5	595.2	524.9	506.9	519.7
Hungary	1086	445	29.3	53.6	17.1	42.6	15.8	503.3	514.5	547.6	527.3	518.9
Iran, Islamic Rep. of	224	221	9.6	78.2	12.2	1.4	0.0	392.3	421.8	422.5	416.7	.
Ireland	440	376	4.3	6.7	89.0	4.8	11.5	551.2	509.2	527.9	544.9	520.0
Israel	265	236	11.0	5.5	83.5	2.3	6.8	485.2	494.8	480.6	457.5	472.1
Italy	236	227	7.3	16.1	76.5	0.6	2.9	496.8	499.4	501.2	558.4	491.0
Japan	147	142	95.1	2.3	2.7	1.4	1.7	556.9	563.9	546.9	567.7	559.5
Jordan	225	220	73.1	16.6	10.3	2.1	0.0	412.8	411.3	420.4	384.2	.
Kazakhstan	1209	822	26.2	64.8	9.1	30.1	1.4	429.7	446.2	455.3	443.6	422.9
Korea, Rep. of	243	235	80.2	7.7	12.0	1.3	2.8	546.9	540.3	540.9	545.8	535.1
Kuwait	157	152	19.5	74.1	6.5	2.2	1.1	432.1	412.8	457.1	455.9	372.6
Lithuania	1096	448	58.9	11.5	29.5	45.9	12.4	521.3	525.1	511.7	519.4	520.1
Malaysia	313	312	59.2	15.3	25.5	0.3	0.0	426.3	427.5	425.1	486.1	.
Malta	466	279	4.9	9.3	85.8	13.8	17.0	507.7	533.7	494.2	541.7	479.1
Morocco	511	399	9.1	54.6	36.3	19.4	2.2	319.6	330.2	321.0	329.2	346.5
New Zealand	211	130	1.6	63.3	35.1	3.0	39.3	504.6	512.2	477.8	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	30.4	64.8	4.8	3.7	0.9	448.7	458.2	464.8	453.6	472.5
Palestinian Nat'l Auth.	199	184	16.9	13.6	69.5	4.5	2.9	394.4	381.8	395.7	389.3	374.9
Portugal	521	425	1.8	32.5	65.6	14.2	5.1	519.9	504.2	504.5	512.7	499.9
Qatar	242	225	17.7	71.5	10.9	2.3	1.8	518.9	465.9	505.2	543.2	485.4
Romania	429	210	32.5	46.7	20.9	25.7	25.3	472.8	467.4	480.2	469.7	451.5
Saudi Arabia	214	189	16.6	75.2	8.1	5.4	5.0	424.4	419.6	402.8	425.3	413.4
Singapore	345	343	69.7	15.8	14.5	0.7	0.0	621.6	630.2	503.2	657.1	.
South Africa (9)	288	208	63.8	9.5	26.7	3.5	29.4	369.0	387.2	352.0	342.1	355.8
Sweden	814	602	6.9	58.1	35.0	12.3	14.3	529.6	519.1	529.5	519.9	511.8
Turkiye	189	188	95.2	3.9	1.0	0.6	0.0	532.7	476.2	459.7	478.5	.
United Arab Emirates	1614	1318	36.5	52.6	10.9	3.0	12.8	498.3	468.1	507.5	513.7	498.5
United States	672	550	38.3	43.3	18.5	1.5	10.5	506.7	516.2	533.6	470.4	506.1
Uzbekistan	668	554	58.5	15.0	26.5	15.4	1.4	398.6	390.4	397.5	388.8	387.5
International Avg. (43)	23553	15548	30.4	31.2	38.4	13.8	10.7	473.2	473.3	469.1	476.5	465.1
Abu Dhabi, UAE	597	482	27.8	62.9	9.3	2.1	13.5	466.9	426.2	459.3	489.2	454.5
Dubai, UAE	432	350	42.4	42.2	15.4	2.9	11.7	552.2	544.8	547.6	548.6	537.7
Sharjah, UAE	307	246	41.8	46.8	11.3	4.2	15.4	489.6	486.4	514.0	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Characteristics of sound (i.e., amplitude, frequency) and its transmission, reflection, and absorption
Location: TQS-22Cf (BTBS22CF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	1.7	23.5	74.8	4.9	35.0	493.1	526.1	526.1	512.3	512.0
Austria	889	506	30.6	11.2	58.2	33.6	10.7	511.5	509.4	512.8	515.7	497.8
Azerbaijan	1140	463	60.8	22.5	16.7	42.3	14.1	409.8	407.2	402.5	413.7	414.9
Bahrain	223	207	14.9	80.9	4.1	4.9	0.0	458.5	444.0	526.0	495.8	.
Brazil	916	872	4.3	11.8	83.9	1.3	4.2	396.2	411.2	422.0	378.5	441.0
Chile	168	143	29.1	4.3	66.6	2.5	11.0	442.1	447.9	461.8	480.2	447.5
Chinese Taipei	239	233	38.5	60.1	1.4	2.7	0.0	568.5	574.2	544.9	580.0	.
Cote d'Ivoire	372	143	3.4	6.2	90.4	12.0	51.6	193.5	166.4	194.3	152.8	183.4
Cyprus	775	329	8.3	10.5	81.1	41.2	13.2	505.2	496.8	465.5	453.3	471.4
Czech Republic	1348	671	9.6	36.5	53.9	42.6	6.4	522.2	523.7	522.6	531.9	528.7
England	262	112	56.7	15.3	28.0	3.8	39.8	530.1	518.4	534.0	580.4	529.5
Finland	1239	755	78.6	6.1	15.3	40.6	2.9	531.4	531.2	524.2	531.6	523.3
France	379	172	10.7	24.7	64.7	42.2	11.9	486.7	497.9	486.7	486.5	472.4
Georgia	936	427	12.2	16.7	71.1	53.9	0.1	445.1	454.0	447.7	447.1	497.7
Hong Kong SAR	185	115	1.1	41.9	57.0	1.9	34.9	609.2	546.9	520.8	506.9	519.7
Hungary	1086	445	43.7	29.8	26.5	42.6	15.8	506.2	520.3	530.6	527.3	518.9
Iran, Islamic Rep. of	224	222	7.1	35.8	57.1	1.0	0.0	404.8	411.7	426.8	334.7	.
Ireland	440	376	2.6	7.6	89.8	4.8	11.5	544.9	520.9	527.7	544.9	520.0
Israel	265	234	7.4	4.9	87.6	3.1	6.8	469.4	506.5	481.3	471.6	472.1
Italy	236	227	4.4	15.0	80.6	0.6	2.9	483.2	495.5	502.5	558.4	491.0
Japan	147	142	93.9	2.3	3.8	1.4	1.7	557.1	563.9	545.5	567.7	559.5
Jordan	225	217	70.1	17.1	12.8	3.3	0.0	414.8	399.6	424.3	392.4	.
Kazakhstan	1209	819	23.2	30.7	46.1	29.9	1.4	428.1	445.6	447.4	444.3	422.9
Korea, Rep. of	243	235	76.0	9.1	14.9	1.3	2.8	547.6	539.7	539.4	545.8	535.1
Kuwait	157	151	14.7	20.7	64.6	2.5	1.1	430.0	440.8	412.6	388.7	372.6
Lithuania	1096	445	17.6	38.5	43.9	46.1	12.4	520.3	521.5	516.5	519.2	520.1
Malaysia	313	312	13.5	35.9	50.7	0.3	0.0	423.0	426.9	426.5	486.1	.
Malta	466	280	9.3	7.2	83.5	13.7	17.0	527.3	534.5	492.3	541.5	479.1
Morocco	511	397	4.8	12.9	82.3	20.5	2.2	324.1	347.3	321.8	331.4	346.5
New Zealand	211	130	2.0	50.6	47.5	3.0	39.3	494.4	511.1	488.5	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	272	21.8	74.1	4.1	3.9	0.9	449.3	456.3	480.8	450.9	472.5
Palestinian Nat'l Auth.	199	183	11.7	79.5	8.8	5.0	2.9	380.6	395.4	395.5	388.6	374.9
Portugal	521	424	1.5	58.0	40.5	14.4	5.1	517.7	506.3	501.7	512.9	499.9
Qatar	242	225	22.7	23.4	53.9	2.3	1.8	508.8	500.8	458.4	533.5	485.4
Romania	429	208	53.5	19.9	26.5	26.2	25.3	472.7	460.3	478.0	470.0	451.5
Saudi Arabia	214	186	14.6	72.0	13.4	7.3	5.0	426.9	421.8	394.4	425.9	413.4
Singapore	345	343	10.9	5.1	83.9	0.7	0.0	614.6	667.4	600.9	657.1	.
South Africa (9)	288	208	26.4	9.7	63.9	3.5	29.4	367.9	415.1	358.1	342.1	355.8
Sweden	814	600	12.8	63.3	23.9	13.1	14.3	524.3	520.8	529.3	521.4	511.8
Turkiye	189	188	59.0	12.5	28.5	0.6	0.0	527.6	523.7	537.1	478.5	.
United Arab Emirates	1614	1314	38.6	49.5	11.9	3.4	12.8	479.3	480.2	508.8	515.2	498.5
United States	672	550	36.4	43.2	20.4	1.5	10.5	507.2	514.4	534.0	470.4	506.1
Uzbekistan	668	553	69.6	13.9	16.5	15.5	1.4	398.9	387.9	397.6	388.2	387.5
International Avg. (43)	23553	15510	26.3	28.2	45.5	14.0	10.7	473.4	476.5	473.3	472.7	465.1
Abu Dhabi, UAE	597	480	28.2	62.3	9.5	2.4	13.5	465.5	421.9	486.8	489.9	454.5
Dubai, UAE	432	348	33.0	49.8	17.1	3.9	11.7	537.4	555.0	550.8	546.4	537.7
Sharjah, UAE	307	246	49.9	41.8	8.3	4.2	15.4	471.6	513.1	494.9	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Electrical conductors and simple electrical circuits
Location: TQS-22Cg (BTBS22CG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	8.5	26.7	64.8	4.6	35.0	516.2	523.0	527.5	513.6	512.0
Austria	889	510	43.2	15.7	41.1	33.3	10.7	507.1	506.2	519.6	515.7	497.8
Azerbaijan	1140	464	21.8	66.3	11.9	42.1	14.1	412.6	408.3	397.3	413.8	414.9
Bahrain	223	208	63.7	13.7	22.6	4.5	0.0	447.9	468.9	442.6	499.9	.
Brazil	916	875	5.8	46.8	47.4	1.2	4.2	402.6	428.1	413.3	376.4	441.0
Chile	168	143	23.7	66.5	9.8	2.5	11.0	459.0	453.2	461.8	480.2	447.5
Chinese Taipei	239	235	5.4	4.1	90.6	1.6	0.0	582.6	568.0	570.5	616.5	.
Cote d'Ivoire	372	145	76.6	5.3	18.1	11.8	51.6	201.1	154.9	168.4	151.5	183.4
Cyprus	775	328	10.9	11.9	77.3	41.3	13.2	504.2	501.9	463.1	453.2	471.4
Czech Republic	1348	673	20.8	49.2	30.0	42.4	6.4	520.6	521.7	526.9	531.9	528.7
England	262	112	64.4	13.5	22.0	3.8	39.8	523.8	545.9	535.5	580.4	529.5
Finland	1239	758	1.9	11.7	86.4	40.3	2.9	480.7	524.4	532.3	531.4	523.3
France	379	172	43.0	50.2	6.8	42.2	11.9	494.3	485.5	488.3	486.5	472.4
Georgia	936	428	15.5	17.9	66.6	53.9	0.1	446.2	454.8	446.8	447.4	497.7
Hong Kong SAR	185	115	5.8	87.5	6.7	1.9	34.9	573.3	530.0	533.1	506.9	519.7
Hungary	1086	444	14.4	81.0	4.6	42.6	15.8	510.4	515.7	557.2	527.3	518.9
Iran, Islamic Rep. of	224	222	14.9	78.7	6.4	0.9	0.0	410.3	422.4	403.3	381.2	.
Ireland	440	382	1.4	27.8	70.8	3.7	11.5	470.5	521.1	531.6	544.5	520.0
Israel	265	236	11.7	55.0	33.3	2.3	6.8	460.9	483.5	486.6	457.5	472.1
Italy	236	227	4.0	35.6	60.4	0.6	2.9	507.9	487.7	507.7	558.4	491.0
Japan	147	142	0.8	97.4	1.8	1.4	1.7	572.4	556.7	557.2	567.7	559.5
Jordan	225	219	72.4	20.4	7.2	2.2	0.0	416.8	397.4	419.3	401.0	.
Kazakhstan	1209	824	25.8	67.5	6.7	29.8	1.4	428.9	446.9	449.7	444.1	422.9
Korea, Rep. of	243	234	5.1	77.5	17.4	1.8	2.8	541.8	548.1	535.6	549.5	535.1
Kuwait	157	151	76.5	7.1	16.3	2.7	1.1	423.0	408.1	419.7	378.8	372.6
Lithuania	1096	446	53.3	10.2	36.5	46.0	12.4	517.2	532.3	517.6	519.5	520.1
Malaysia	313	312	10.6	50.2	39.2	0.3	0.0	415.2	436.6	415.8	486.1	.
Malta	466	279	10.8	4.9	84.3	14.2	17.0	519.0	547.8	492.3	543.4	479.1
Morocco	511	400	69.9	7.7	22.3	19.0	2.2	327.7	324.4	321.6	328.3	346.5
New Zealand	211	130	2.9	18.7	78.4	3.0	39.3	481.7	533.7	492.7	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	45.5	48.8	5.7	2.8	0.9	460.2	449.2	464.0	474.4	472.5
Palestinian Nat'l Auth.	199	183	64.0	9.9	26.1	4.8	2.9	395.7	374.4	393.7	399.0	374.9
Portugal	521	425	1.4	2.2	96.3	14.2	5.1	501.3	493.9	505.0	512.7	499.9
Qatar	242	226	59.1	26.0	14.9	2.2	1.8	463.5	510.7	489.6	542.4	485.4
Romania	429	208	45.2	35.6	19.3	26.0	25.3	470.0	471.6	476.7	469.7	451.5
Saudi Arabia	214	186	28.7	22.8	48.4	6.9	5.0	432.5	405.7	417.9	420.8	413.4
Singapore	345	343	5.9	91.5	2.7	0.7	0.0	512.0	610.9	636.6	657.1	.
South Africa (9)	288	206	20.7	76.2	3.1	4.1	29.4	391.2	358.9	379.4	345.6	355.8
Sweden	814	605	46.8	27.1	26.1	12.1	14.3	520.7	526.8	524.8	520.2	511.8
Turkiye	189	188	93.0	5.2	1.8	0.6	0.0	531.3	514.6	498.2	478.5	.
United Arab Emirates	1614	1315	42.6	49.1	8.3	3.2	12.8	516.4	455.1	482.1	512.1	498.5
United States	672	549	41.8	30.1	28.2	1.8	10.5	512.8	511.2	527.4	446.2	506.1
Uzbekistan	668	552	33.5	62.0	4.5	15.6	1.4	392.6	398.8	408.6	388.6	387.5
International Avg. (43)	23553	15551	30.5	37.5	31.9	13.8	10.7	469.2	472.5	473.0	474.6	465.1
Abu Dhabi, UAE	597	480	33.1	56.9	10.0	2.6	13.5	476.5	416.3	457.1	488.8	454.5
Dubai, UAE	432	349	55.9	36.0	8.1	3.0	11.7	564.2	528.1	529.9	546.7	537.7
Sharjah, UAE	307	246	46.7	46.3	7.0	4.2	15.4	514.9	467.3	487.2	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Polarity, strength, and uses of permanent magnets and electromagnets
Location: TQS-22Ch (BTBS22CH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	20.6	12.4	67.1	4.6	35.0	534.8	509.4	525.4	513.6	512.0
Austria	889	510	18.4	34.1	47.5	33.3	10.7	499.2	512.7	516.5	515.8	497.8
Azerbaijan	1140	460	26.2	21.6	52.2	42.4	14.1	405.2	408.2	409.1	413.7	414.9
Bahrain	223	207	33.4	10.0	56.6	4.7	0.0	448.1	479.6	444.9	500.7	.
Brazil	916	872	6.0	18.4	75.6	1.5	4.2	394.1	419.4	421.8	380.4	441.0
Chile	168	142	18.2	28.1	53.7	3.2	11.0	450.0	453.2	459.5	461.0	447.5
Chinese Taipei	239	235	5.1	1.2	93.7	1.6	0.0	585.0	560.8	570.5	616.5	.
Cote d'Ivoire	372	144	9.2	63.4	27.4	12.0	51.6	193.6	203.0	170.3	150.8	183.4
Cyprus	775	327	3.6	18.2	78.1	41.4	13.2	450.2	491.5	469.1	453.0	471.4
Czech Republic	1348	671	40.8	21.1	38.1	42.6	6.4	523.5	518.7	525.0	531.8	528.7
England	262	112	45.9	12.9	41.3	3.8	39.8	535.0	509.2	529.4	580.4	529.5
Finland	1239	756	1.6	10.5	88.0	40.4	2.9	489.5	516.9	532.9	531.3	523.3
France	379	171	5.2	1.1	93.6	42.4	11.9	488.3	488.4	489.5	486.6	472.4
Georgia	936	424	10.1	18.3	71.6	54.3	0.1	447.4	451.9	447.4	447.3	497.7
Hong Kong SAR	185	115	2.6	35.7	61.7	1.9	34.9	596.6	521.8	536.4	506.9	519.7
Hungary	1086	443	20.8	69.5	9.7	42.8	15.8	511.1	517.5	526.4	527.1	518.9
Iran, Islamic Rep. of	224	223	7.8	88.7	3.5	0.4	0.0	416.7	420.4	388.5	413.2	.
Ireland	440	376	2.2	9.8	88.0	4.5	11.5	542.6	521.9	528.2	541.0	520.0
Israel	265	236	6.7	23.6	69.7	2.3	6.8	479.1	474.7	484.6	457.5	472.1
Italy	236	227	2.5	28.1	69.4	0.6	2.9	504.5	491.6	504.1	558.4	491.0
Japan	147	142	1.7	82.3	16.0	1.4	1.7	567.9	557.5	551.9	567.7	559.5
Jordan	225	218	23.0	72.5	4.5	2.5	0.0	404.6	416.6	402.6	394.6	.
Kazakhstan	1209	818	24.1	65.5	10.4	30.1	1.4	429.3	446.9	444.1	444.3	422.9
Korea, Rep. of	243	235	6.1	42.0	51.9	1.3	2.8	532.5	549.9	543.8	545.8	535.1
Kuwait	157	151	45.4	8.5	46.2	2.6	1.1	424.4	448.5	412.0	402.0	372.6
Lithuania	1096	445	28.5	11.2	60.3	46.1	12.4	518.3	529.3	517.4	519.3	520.1
Malaysia	313	312	4.6	46.9	48.5	0.3	0.0	392.1	436.5	419.4	486.1	.
Malta	466	278	2.9	4.0	93.1	14.1	17.0	409.2	547.6	499.9	537.1	479.1
Morocco	511	398	11.4	7.7	80.8	19.9	2.2	336.6	347.5	322.6	328.1	346.5
New Zealand	211	129	4.0	12.6	83.4	3.6	39.3	456.1	548.4	496.0	441.1	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	275	18.5	75.3	6.1	2.4	0.9	469.4	449.9	480.6	463.0	472.5
Palestinian Nat'l Auth.	199	184	59.7	7.4	32.9	4.5	2.9	396.2	380.3	391.8	389.3	374.9
Portugal	521	424	3.2	2.0	94.9	14.5	5.1	498.9	491.7	504.9	513.8	499.9
Qatar	242	226	43.0	18.1	38.9	2.2	1.8	473.7	506.4	473.8	542.4	485.4
Romania	429	209	42.8	35.2	22.0	26.0	25.3	469.7	471.9	474.1	470.4	451.5
Saudi Arabia	214	188	25.0	13.4	61.6	6.0	5.0	434.2	400.0	417.9	417.0	413.4
Singapore	345	342	16.1	13.9	70.0	1.4	0.0	606.3	624.9	604.1	522.7	.
South Africa (9)	288	204	17.3	54.9	27.8	4.8	29.4	382.8	363.0	361.0	353.2	355.8
Sweden	814	600	24.0	31.2	44.8	12.5	14.3	522.3	530.5	518.9	520.9	511.8
Turkiye	189	188	13.7	24.8	61.5	0.6	0.0	530.1	522.6	532.7	478.5	.
United Arab Emirates	1614	1311	35.0	46.3	18.7	3.6	12.8	520.1	449.5	498.9	509.2	498.5
United States	672	550	31.6	34.9	33.5	1.5	10.5	509.7	513.8	523.4	470.4	506.1
Uzbekistan	668	551	24.8	64.5	10.7	15.7	1.4	391.1	400.1	393.8	388.5	387.5
International Avg. (43)	23553	15506	18.4	30.3	51.3	13.9	10.7	469.1	474.5	471.3	471.9	465.1
Abu Dhabi, UAE	597	477	26.0	57.3	16.7	3.3	13.5	490.0	410.8	460.5	493.1	454.5
Dubai, UAE	432	350	46.8	29.4	23.8	2.9	11.7	563.1	524.5	548.9	548.6	537.7
Sharjah, UAE	307	245	37.8	47.6	14.6	4.3	15.4	516.9	470.6	489.5	518.9	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Speed as distance changing over time
Location: TQS-22Ci (BTBS22Ci)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	8.8	16.7	74.5	5.2	35.0	514.3	525.6	527.5	507.3	512.0
Austria	889	509	45.4	8.1	46.5	33.3	10.7	510.8	493.1	516.7	515.7	497.8
Azerbaijan	1140	459	77.3	13.4	9.3	42.7	14.1	407.6	407.7	409.4	413.8	414.9
Bahrain	223	208	23.5	71.6	5.0	4.5	0.0	477.8	437.5	490.6	499.9	.
Brazil	916	869	8.8	15.2	76.0	1.7	4.2	399.9	435.7	418.7	385.5	441.0
Chile	168	143	29.7	9.8	60.5	2.5	11.0	442.9	463.2	460.4	480.2	447.5
Chinese Taipei	239	235	11.0	7.8	81.1	1.6	0.0	581.8	581.6	568.6	616.5	.
Cote d'Ivoire	372	142	7.8	25.4	66.8	12.3	51.6	159.0	209.8	187.4	158.7	183.4
Cyprus	775	329	7.5	55.1	37.4	41.2	13.2	497.3	464.7	478.1	453.3	471.4
Czech Republic	1348	673	75.2	15.2	9.6	42.4	6.4	523.9	513.0	531.9	532.0	528.7
England	262	112	47.4	32.9	19.6	3.8	39.8	537.4	513.3	536.9	580.4	529.5
Finland	1239	759	4.1	71.8	24.1	40.3	2.9	533.1	531.4	527.0	531.5	523.3
France	379	172	30.9	47.1	21.9	42.0	11.9	485.3	497.9	479.0	486.1	472.4
Georgia	936	434	59.4	18.7	21.8	53.3	0.1	447.5	449.6	449.1	447.3	497.7
Hong Kong SAR	185	115	5.3	71.1	23.5	1.9	34.9	515.6	526.5	555.5	506.9	519.7
Hungary	1086	444	83.9	12.3	3.8	42.7	15.8	513.9	522.7	562.5	527.4	518.9
Iran, Islamic Rep. of	224	222	10.1	18.3	71.7	0.9	0.0	377.8	425.4	423.2	417.9	.
Ireland	440	383	35.4	51.7	12.9	3.4	11.5	533.6	527.0	515.6	546.2	520.0
Israel	265	234	8.0	12.7	79.3	2.4	6.8	493.8	482.4	480.6	459.0	472.1
Italy	236	226	45.2	31.9	22.9	0.9	2.9	500.3	499.6	502.1	551.3	491.0
Japan	147	142	10.5	4.6	84.8	1.4	1.7	566.4	558.0	555.5	567.7	559.5
Jordan	225	220	69.1	21.0	9.9	1.5	0.0	414.7	406.6	415.9	386.5	.
Kazakhstan	1209	822	65.9	24.5	9.7	29.9	1.4	436.7	449.2	463.6	444.3	422.9
Korea, Rep. of	243	235	12.4	12.4	75.2	1.3	2.8	553.0	546.9	544.3	545.8	535.1
Kuwait	157	153	24.2	72.5	3.3	1.5	1.1	443.6	408.7	478.6	468.9	372.6
Lithuania	1096	446	18.3	59.5	22.2	46.0	12.4	524.7	517.8	516.8	519.4	520.1
Malaysia	313	311	6.9	23.1	70.0	0.6	0.0	413.8	428.6	426.2	503.4	.
Malta	466	280	4.3	15.0	80.7	13.7	17.0	469.6	524.2	495.4	541.5	479.1
Morocco	511	401	8.4	12.7	78.8	19.0	2.2	334.9	324.7	325.3	328.4	346.5
New Zealand	211	130	2.5	15.3	82.2	3.0	39.3	498.2	525.8	495.3	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	275	30.8	63.8	5.5	2.4	0.9	462.8	450.8	467.1	463.0	472.5
Palestinian Nat'l Auth.	199	184	76.2	19.9	3.9	4.5	2.9	396.3	385.9	380.5	389.3	374.9
Portugal	521	425	3.2	15.2	81.6	14.2	5.1	501.7	503.3	505.1	512.7	499.9
Qatar	242	226	37.4	26.9	35.7	2.2	1.8	477.9	510.8	458.1	542.4	485.4
Romania	429	209	66.7	12.9	20.4	26.0	25.3	472.5	462.7	473.7	470.4	451.5
Saudi Arabia	214	187	62.8	19.4	17.8	6.7	5.0	424.8	414.7	405.3	420.3	413.4
Singapore	345	343	38.8	11.9	49.3	0.7	0.0	616.5	629.7	591.6	657.1	.
South Africa (9)	288	207	13.1	25.3	61.6	3.8	29.4	385.5	377.8	357.6	342.0	355.8
Sweden	814	603	57.5	27.4	15.0	12.3	14.3	530.7	511.2	517.7	520.4	511.8
Turkiye	189	185	82.3	4.4	13.4	2.2	0.0	532.9	466.1	534.4	501.7	.
United Arab Emirates	1614	1313	48.6	43.2	8.3	3.4	12.8	494.3	469.5	495.0	505.6	498.5
United States	672	548	31.6	55.3	13.2	1.6	10.5	503.8	520.5	524.9	469.6	506.1
Uzbekistan	668	549	79.2	14.8	6.0	15.9	1.4	396.8	395.3	407.5	388.6	387.5
International Avg. (43)	23553	15538	34.3	28.1	37.6	13.8	10.7	472.2	472.0	475.7	478.0	465.1
Abu Dhabi, UAE	597	478	32.8	58.6	8.6	3.0	13.5	472.5	416.2	486.2	470.7	454.5
Dubai, UAE	432	350	44.4	47.6	8.0	2.9	11.7	557.2	541.4	540.7	548.6	537.7
Sharjah, UAE	307	245	66.2	27.5	6.3	4.3	15.4	491.4	491.7	481.1	519.0	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Acceleration as speed changing over time
Location: TQS-22Cj (BTBS22CJ)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	6.1	11.2	82.7	4.6	35.0	526.7	510.5	527.3	513.6	512.0
Austria	889	507	39.4	9.3	51.3	33.5	10.7	506.4	496.8	519.0	515.9	497.8
Azerbaijan	1140	464	75.6	14.1	10.3	42.1	14.1	407.3	410.7	408.0	413.8	414.9
Bahrain	223	208	17.1	70.4	12.5	4.5	0.0	452.3	442.0	488.5	499.9	.
Brazil	916	870	7.2	13.9	78.9	1.7	4.2	394.9	441.0	418.4	375.2	441.0
Chile	168	143	28.2	11.1	60.7	2.5	11.0	440.2	464.5	460.9	480.2	447.5
Chinese Taipei	239	235	5.8	1.5	92.7	1.6	0.0	589.1	585.5	569.7	616.5	.
Cote d'Ivoire	372	143	2.9	1.4	95.7	12.0	51.6	157.6	218.7	193.2	152.8	183.4
Cyprus	775	329	7.0	52.3	40.7	41.2	13.2	492.0	459.0	485.6	453.3	471.4
Czech Republic	1348	671	43.8	13.5	42.7	42.7	6.4	519.1	517.2	529.2	531.7	528.7
England	262	112	32.8	27.8	39.4	3.8	39.8	530.5	529.6	528.3	580.4	529.5
Finland	1239	758	2.4	70.8	26.9	40.3	2.9	541.9	531.2	527.4	531.4	523.3
France	379	172	5.5	12.1	82.3	42.2	11.9	496.2	496.4	488.0	486.5	472.4
Georgia	936	427	18.4	16.1	65.6	54.1	0.1	457.6	440.4	447.7	447.2	497.7
Hong Kong SAR	185	115	1.0	36.6	62.4	1.9	34.9	546.0	531.0	533.5	506.9	519.7
Hungary	1086	445	79.0	13.2	7.8	42.6	15.8	512.7	519.5	554.8	527.3	518.9
Iran, Islamic Rep. of	224	223	5.4	21.0	73.6	0.4	0.0	414.4	408.2	422.5	413.2	.
Ireland	440	382	31.2	53.4	15.4	3.4	11.5	533.1	526.5	522.0	545.8	520.0
Israel	265	234	2.9	11.1	86.0	2.4	6.8	491.2	482.6	481.5	459.0	472.1
Italy	236	227	40.3	24.9	34.8	0.6	2.9	500.0	501.7	500.4	558.4	491.0
Japan	147	142	0.0	2.4	97.6	1.4	1.7	.	553.2	556.9	567.7	559.5
Jordan	225	220	49.6	22.6	27.9	2.0	0.0	405.4	408.8	429.6	402.9	.
Kazakhstan	1209	818	31.4	25.2	43.4	30.1	1.4	436.3	449.4	442.9	444.2	422.9
Korea, Rep. of	243	235	4.3	8.5	87.1	1.3	2.8	543.0	546.8	545.7	545.8	535.1
Kuwait	157	152	15.4	76.4	8.2	1.4	1.1	428.8	408.3	516.8	407.9	372.6
Lithuania	1096	446	10.5	63.7	25.8	46.0	12.4	520.6	519.3	516.9	519.5	520.1
Malaysia	313	311	5.6	21.9	72.5	0.6	0.0	416.5	424.8	427.0	503.4	.
Malta	466	278	1.9	11.5	86.6	14.2	17.0	424.4	526.4	497.5	536.0	479.1
Morocco	511	399	4.3	7.3	88.3	19.0	2.2	326.8	331.5	325.6	328.3	346.5
New Zealand	211	130	1.9	13.0	85.1	3.0	39.3	493.0	520.6	497.0	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	273	21.6	26.9	51.5	3.4	0.9	450.9	441.0	463.8	474.2	472.5
Palestinian Nat'l Auth.	199	182	77.0	13.1	9.8	5.5	2.9	396.0	382.3	391.2	388.0	374.9
Portugal	521	424	1.5	3.3	95.2	14.3	5.1	489.5	503.4	505.0	512.6	499.9
Qatar	242	225	20.3	26.5	53.2	2.3	1.8	477.2	517.7	461.4	544.0	485.4
Romania	429	208	65.2	12.7	22.1	26.3	25.3	469.7	467.4	479.4	470.3	451.5
Saudi Arabia	214	188	60.1	19.5	20.4	5.9	5.0	423.5	414.4	409.5	427.5	413.4
Singapore	345	343	13.4	5.1	81.5	0.7	0.0	624.3	603.5	602.9	657.1	.
South Africa (9)	288	207	6.0	25.4	68.6	3.8	29.4	363.6	384.5	359.9	342.0	355.8
Sweden	814	603	48.8	23.6	27.6	12.3	14.3	528.7	511.6	524.1	520.4	511.8
Turkiye	189	187	28.8	4.7	66.5	1.0	0.0	518.3	486.5	538.2	477.0	.
United Arab Emirates	1614	1311	38.9	43.7	17.4	3.5	12.8	482.7	473.0	512.0	506.6	498.5
United States	672	550	29.5	55.9	14.6	1.5	10.5	503.9	519.3	526.2	470.4	506.1
Uzbekistan	668	551	76.4	15.5	8.1	15.8	1.4	397.3	393.0	402.0	389.3	387.5
International Avg. (43)	23553	15525	24.8	23.6	51.7	13.8	10.7	467.4	472.1	477.6	476.6	465.1
Abu Dhabi, UAE	597	478	23.5	60.4	16.1	2.9	13.5	462.6	418.7	491.3	474.3	454.5
Dubai, UAE	432	350	37.0	48.3	14.6	2.9	11.7	546.3	545.9	561.8	548.6	537.7
Sharjah, UAE	307	244	49.4	27.7	23.0	5.2	15.4	470.8	503.3	518.9	514.5	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Effects of common forces on speed and direction of motion
Location: TQS-22Ck (BTBS22CK)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	31.4	17.6	51.0	4.6	35.0	520.8	526.3	527.9	513.6	512.0
Austria	889	509	42.9	9.0	48.2	33.3	10.7	506.5	508.0	517.8	515.7	497.8
Azerbaijan	1140	462	75.1	13.5	11.4	42.4	14.1	407.1	413.0	403.7	414.1	414.9
Bahrain	223	206	23.0	52.3	24.6	5.2	0.0	440.8	459.1	438.6	488.7	.
Brazil	916	867	9.0	14.1	76.9	2.0	4.2	407.4	435.0	418.6	375.7	441.0
Chile	168	143	55.3	13.7	31.0	2.5	11.0	451.0	463.6	459.8	480.2	447.5
Chinese Taipei	239	235	6.7	6.6	86.7	1.6	0.0	588.4	554.5	571.0	616.5	.
Cote d'Ivoire	372	143	0.7	2.2	97.2	12.0	51.6	193.6	200.6	192.4	152.8	183.4
Cyprus	775	329	8.8	52.3	38.8	41.2	13.2	498.1	461.8	480.1	453.3	471.4
Czech Republic	1348	677	77.6	13.8	8.6	42.2	6.4	522.2	513.7	545.2	531.9	528.7
England	262	112	46.4	31.4	22.2	3.8	39.8	527.2	526.1	538.7	580.4	529.5
Finland	1239	755	2.4	71.0	26.7	40.9	2.9	517.6	531.2	530.3	531.2	523.3
France	379	172	4.8	18.0	77.2	42.2	11.9	484.3	500.7	487.2	486.5	472.4
Georgia	936	426	36.3	21.8	41.9	54.1	0.1	449.4	443.5	449.9	447.2	497.7
Hong Kong SAR	185	115	6.1	80.0	13.9	1.9	34.9	609.3	524.4	547.1	506.9	519.7
Hungary	1086	444	77.8	13.5	8.7	42.7	15.8	513.7	522.6	539.0	527.1	518.9
Iran, Islamic Rep. of	224	221	12.1	20.6	67.3	1.7	0.0	405.4	423.6	420.9	384.7	.
Ireland	440	382	20.5	62.0	17.5	4.2	11.5	530.8	528.9	520.3	543.8	520.0
Israel	265	234	5.1	24.9	70.0	3.0	6.8	522.7	472.0	483.2	448.2	472.1
Italy	236	226	30.4	20.1	49.4	0.9	2.9	494.0	501.4	504.2	550.3	491.0
Japan	147	142	5.4	2.4	92.2	1.4	1.7	562.1	553.2	556.6	567.7	559.5
Jordan	225	219	53.0	19.0	28.0	2.3	0.0	413.2	403.2	419.3	401.3	.
Kazakhstan	1209	817	50.4	25.6	24.0	30.1	1.4	431.1	451.2	455.8	444.8	422.9
Korea, Rep. of	243	235	16.8	11.6	71.6	1.3	2.8	554.4	551.5	542.7	545.8	535.1
Kuwait	157	153	15.8	74.6	9.6	0.9	1.1	428.2	416.7	434.3	419.9	372.6
Lithuania	1096	441	15.1	61.0	24.0	46.5	12.4	522.5	518.4	516.9	519.6	520.1
Malaysia	313	311	6.0	34.0	60.0	0.6	0.0	424.8	425.1	426.5	503.4	.
Malta	466	277	4.6	37.0	58.4	14.5	17.0	439.0	514.8	493.8	536.9	479.1
Morocco	511	400	3.5	4.8	91.7	19.2	2.2	315.0	341.3	325.8	328.0	346.5
New Zealand	211	130	4.1	16.6	79.3	3.0	39.3	521.0	517.6	495.3	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	275	42.2	30.2	27.6	2.4	0.9	464.6	450.7	446.6	463.0	472.5
Palestinian Nat'l Auth.	199	182	57.5	16.8	25.6	5.7	2.9	395.2	385.4	394.5	393.6	374.9
Portugal	521	425	5.6	3.2	91.2	14.2	5.1	507.1	492.9	505.0	512.7	499.9
Qatar	242	225	38.4	26.0	35.6	2.4	1.8	471.2	518.2	460.5	537.7	485.4
Romania	429	209	64.4	15.2	20.4	26.0	25.3	472.8	464.7	472.4	470.4	451.5
Saudi Arabia	214	185	59.3	19.9	20.8	7.4	5.0	425.4	412.7	407.8	421.5	413.4
Singapore	345	342	15.2	70.3	14.5	0.8	0.0	579.0	611.8	605.3	646.6	.
South Africa (9)	288	207	4.7	66.5	28.8	3.7	29.4	396.3	363.8	366.7	345.1	355.8
Sweden	814	602	53.8	27.3	18.9	12.4	14.3	525.5	516.7	527.7	519.8	511.8
Turkiye	189	187	81.2	3.1	15.7	1.4	0.0	528.0	470.1	543.9	589.0	.
United Arab Emirates	1614	1312	41.5	47.2	11.3	3.3	12.8	491.9	479.9	464.6	517.6	498.5
United States	672	550	31.5	56.4	12.1	1.5	10.5	504.7	519.2	528.4	470.4	506.1
Uzbekistan	668	549	74.3	14.0	11.7	16.0	1.4	398.0	389.1	399.6	389.8	387.5
International Avg. (43)	23553	15510	30.6	28.9	40.5	13.9	10.7	473.5	471.6	473.6	477.8	465.1
Abu Dhabi, UAE	597	480	26.3	60.3	13.4	2.3	13.5	471.8	431.4	420.5	485.7	454.5
Dubai, UAE	432	347	45.0	46.4	8.5	3.4	11.7	554.9	543.1	537.2	559.7	537.7
Sharjah, UAE	307	245	48.1	42.7	9.2	4.5	15.4	471.3	509.2	505.8	521.2	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Density and buoyancy
Location: TQS-22C1 (BTBS22CL)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	40.1	25.2	34.7	4.6	35.0	535.4	518.8	518.5	513.6	512.0
Austria	889	510	44.4	9.3	46.3	33.2	10.7	511.9	497.1	515.3	515.6	497.8
Azerbaijan	1140	463	78.1	13.5	8.4	42.3	14.1	408.3	406.5	405.2	413.8	414.9
Bahrain	223	208	19.7	65.5	14.8	4.5	0.0	447.3	438.0	504.1	499.9	.
Brazil	916	870	19.2	9.1	71.7	2.0	4.2	408.8	418.5	422.5	396.4	441.0
Chile	168	141	33.0	8.5	58.5	4.2	11.0	446.3	452.0	462.2	457.8	447.5
Chinese Taipei	239	234	13.0	40.1	46.9	2.3	0.0	572.7	571.5	569.6	617.2	.
Cote d'Ivoire	372	143	1.6	2.2	96.1	12.0	51.6	253.4	191.5	191.5	152.8	183.4
Cyprus	775	327	7.2	38.2	54.6	41.4	13.2	496.4	462.5	475.9	453.2	471.4
Czech Republic	1348	675	75.2	16.7	8.0	42.3	6.4	521.5	520.7	542.5	531.9	528.7
England	262	112	35.5	30.4	34.1	3.8	39.8	518.3	545.2	526.9	580.4	529.5
Finland	1239	757	9.4	64.2	26.4	40.4	2.9	528.8	531.2	529.2	531.4	523.3
France	379	172	7.1	17.5	75.4	42.2	11.9	493.8	493.0	488.7	486.1	472.4
Georgia	936	429	55.7	23.1	21.2	53.9	0.1	450.7	445.2	445.1	447.3	497.7
Hong Kong SAR	185	115	56.2	12.0	31.8	1.9	34.9	528.0	521.8	545.1	506.9	519.7
Hungary	1086	444	79.7	15.0	5.3	42.7	15.8	513.7	520.7	555.6	527.2	518.9
Iran, Islamic Rep. of	224	221	66.1	20.4	13.4	1.3	0.0	419.8	418.6	418.4	390.1	.
Ireland	440	382	61.7	27.8	10.6	4.2	11.5	527.8	525.2	535.5	541.3	520.0
Israel	265	236	45.8	13.0	41.2	2.3	6.8	484.9	491.3	475.8	454.5	472.1
Italy	236	226	45.7	26.1	28.1	1.5	2.9	499.7	503.8	499.2	520.5	491.0
Japan	147	142	32.2	5.8	62.0	1.4	1.7	561.6	555.8	554.4	567.7	559.5
Jordan	225	219	39.5	54.1	6.4	2.2	0.0	406.1	420.9	387.3	403.8	.
Kazakhstan	1209	817	70.6	23.1	6.3	30.2	1.4	441.5	443.4	451.3	444.0	422.9
Korea, Rep. of	243	235	26.5	65.4	8.1	1.3	2.8	545.0	546.0	545.4	545.8	535.1
Kuwait	157	153	74.2	13.9	11.9	1.4	1.1	405.8	447.8	480.7	399.2	372.6
Lithuania	1096	446	33.4	37.1	29.5	46.0	12.4	520.4	518.1	518.0	519.5	520.1
Malaysia	313	312	50.1	26.9	22.9	0.3	0.0	426.3	433.2	417.8	486.1	.
Malta	466	280	5.6	77.9	16.5	14.0	17.0	494.5	492.6	527.0	541.3	479.1
Morocco	511	400	46.8	11.0	42.2	19.4	2.2	324.2	328.8	328.2	326.9	346.5
New Zealand	211	130	6.5	22.5	71.0	3.0	39.3	489.1	505.2	499.4	449.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	51.4	8.9	39.6	2.9	0.9	454.9	436.2	460.4	460.8	472.5
Palestinian Nat'l Auth.	199	183	88.2	6.5	5.3	5.0	2.9	394.4	386.2	386.6	392.9	374.9
Portugal	521	424	23.2	3.8	73.1	14.4	5.1	507.5	505.8	503.7	512.7	499.9
Qatar	242	225	56.9	19.9	23.3	2.2	1.8	461.0	501.7	506.4	541.8	485.4
Romania	429	209	60.2	17.4	22.3	26.0	25.3	468.5	473.2	478.1	470.4	451.5
Saudi Arabia	214	188	36.3	56.7	7.0	5.8	5.0	419.3	420.6	406.9	422.9	413.4
Singapore	345	342	74.2	13.4	12.4	0.9	0.0	611.7	591.4	587.3	629.1	.
South Africa (9)	288	207	42.6	14.0	43.3	3.6	29.4	366.3	416.9	349.9	341.6	355.8
Sweden	814	604	69.9	17.6	12.5	12.2	14.3	523.7	525.0	519.2	520.5	511.8
Turkiye	189	186	50.8	14.8	34.4	1.4	0.0	523.3	526.2	541.1	506.7	.
United Arab Emirates	1614	1311	48.3	26.2	25.5	3.5	12.8	480.2	493.9	481.5	493.8	498.5
United States	672	549	38.6	43.7	17.8	1.7	10.5	513.5	514.7	522.9	479.9	506.1
Uzbekistan	668	553	74.6	14.9	10.6	15.5	1.4	398.3	386.6	402.9	389.0	387.5
International Avg. (43)	23553	15531	44.1	25.0	31.0	13.9	10.7	472.2	473.1	476.4	474.1	465.1
Abu Dhabi, UAE	597	477	41.9	29.0	29.1	3.3	13.5	443.2	448.7	432.4	444.5	454.5
Dubai, UAE	432	350	49.9	30.4	19.7	2.9	11.7	546.4	553.6	545.1	548.6	537.7
Sharjah, UAE	307	245	49.0	22.1	28.8	4.5	15.4	467.9	506.5	517.8	518.1	533.2

Question: When students in this class have been taught each of the following science topics. Physics: Functioning of simple machines (e.g., levers, inclined planes, pulleys)
Location: TQS-22Cm (BTBS22CM)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	52.4	10.5	37.1	4.6	35.0	527.8	514.5	525.0	513.6	512.0
Austria	889	508	43.7	5.1	51.1	33.5	10.7	509.3	524.6	513.2	515.7	497.8
Azerbaijan	1140	465	68.6	19.6	11.9	42.1	14.1	410.3	406.3	396.2	413.8	414.9
Bahrain	223	208	77.7	10.1	12.2	4.5	0.0	438.0	456.9	517.2	499.9	.
Brazil	916	874	43.2	15.0	41.8	1.3	4.2	426.5	419.0	413.0	367.1	441.0
Chile	168	143	31.3	8.2	60.5	2.5	11.0	440.7	453.2	463.4	480.2	447.5
Chinese Taipei	239	234	5.9	0.9	93.3	2.2	0.0	584.2	597.5	570.3	592.1	.
Cote d'Ivoire	372	143	1.4	0.8	97.9	12.0	51.6	173.5	212.4	192.7	152.8	183.4
Cyprus	775	328	3.4	8.3	88.3	41.3	13.2	474.7	487.4	470.6	453.3	471.4
Czech Republic	1348	676	66.3	24.5	9.1	42.3	6.4	521.5	520.8	539.9	531.9	528.7
England	262	112	28.4	19.6	52.0	3.8	39.8	521.4	540.5	529.6	580.4	529.5
Finland	1239	758	2.9	53.6	43.4	40.3	2.9	512.4	530.2	531.9	531.5	523.3
France	379	172	2.3	3.1	94.6	42.2	11.9	499.4	511.6	488.5	486.5	472.4
Georgia	936	434	16.6	67.2	16.2	53.3	0.1	448.6	447.6	450.4	447.3	497.7
Hong Kong SAR	185	115	4.5	11.7	83.7	1.9	34.9	507.9	520.3	535.8	506.9	519.7
Hungary	1086	442	75.5	13.9	10.6	42.8	15.8	513.8	519.6	533.9	527.4	518.9
Iran, Islamic Rep. of	224	222	11.5	15.7	72.8	0.8	0.0	395.7	425.9	421.5	391.5	.
Ireland	440	377	9.1	20.7	70.1	4.4	11.5	526.6	527.4	527.9	546.1	520.0
Israel	265	236	2.8	20.1	77.1	2.3	6.8	486.2	475.3	483.4	457.5	472.1
Italy	236	227	33.2	17.5	49.3	0.6	2.9	491.1	504.7	505.5	558.4	491.0
Japan	147	142	5.1	1.8	93.1	1.4	1.7	542.8	549.1	557.7	567.7	559.5
Jordan	225	217	44.1	28.8	27.1	3.4	0.0	410.4	401.0	430.3	402.6	.
Kazakhstan	1209	818	68.4	25.1	6.6	30.0	1.4	441.8	442.5	445.0	444.8	422.9
Korea, Rep. of	243	234	19.9	8.1	72.0	1.6	2.8	549.4	544.2	544.6	554.6	535.1
Kuwait	157	153	85.1	5.5	9.4	0.9	1.1	412.9	464.4	460.3	419.9	372.6
Lithuania	1096	446	14.3	59.0	26.7	46.0	12.4	521.5	519.7	515.5	519.5	520.1
Malaysia	313	312	9.6	39.7	50.7	0.3	0.0	426.5	433.3	420.6	486.1	.
Malta	466	280	5.9	58.2	35.9	14.0	17.0	478.1	488.8	517.3	541.3	479.1
Morocco	511	402	7.7	7.2	85.1	18.9	2.2	314.2	359.0	324.2	328.8	346.5
New Zealand	211	129	2.3	8.6	89.1	3.5	39.3	485.5	507.1	500.3	447.8	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	274	54.8	9.1	36.1	2.4	0.9	456.0	433.4	460.0	463.0	472.5
Palestinian Nat'l Auth.	199	182	49.5	8.6	41.8	5.7	2.9	396.7	388.0	390.6	393.6	374.9
Portugal	521	425	1.6	1.8	96.6	14.2	5.1	504.3	495.8	504.9	512.7	499.9
Qatar	242	226	65.9	18.1	15.9	2.2	1.8	460.1	519.6	515.0	542.4	485.4
Romania	429	210	68.4	12.2	19.4	25.6	25.3	471.9	460.5	473.2	471.7	451.5
Saudi Arabia	214	189	68.0	23.1	8.8	5.4	5.0	426.2	399.8	414.9	425.3	413.4
Singapore	345	343	28.5	15.2	56.3	0.7	0.0	589.0	564.7	625.4	657.1	.
South Africa (9)	288	207	24.6	16.7	58.7	3.9	29.4	355.4	398.6	360.0	360.1	355.8
Sweden	814	604	49.3	25.0	25.7	12.1	14.3	523.5	522.0	524.7	520.1	511.8
Turkiye	189	187	5.8	91.5	2.8	1.4	0.0	534.5	527.4	557.2	589.0	.
United Arab Emirates	1614	1314	54.8	15.8	29.5	3.2	12.8	490.4	482.4	471.2	510.3	498.5
United States	672	549	46.8	21.0	32.2	1.8	10.5	509.5	512.0	526.9	482.3	506.1
Uzbekistan	668	549	78.2	12.2	9.5	16.0	1.4	396.6	389.6	406.6	391.3	387.5
International Avg. (43)	23553	15543	33.5	20.0	46.6	13.8	10.7	467.6	474.4	478.1	478.7	465.1
Abu Dhabi, UAE	597	480	45.4	18.9	35.7	2.5	13.5	459.6	436.4	418.3	485.7	454.5
Dubai, UAE	432	349	50.7	16.0	33.3	3.1	11.7	553.0	546.4	542.9	543.3	537.7
Sharjah, UAE	307	245	66.9	14.6	18.5	4.3	15.4	488.2	510.7	485.4	516.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Earth's structure and distribution of water on its surface
Location: TQS-22Da (BTBS22DA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	38.9	31.0	30.1	4.2	35.0	529.6	508.2	537.2	513.7	512.0
Austria	889	478	56.5	7.7	35.8	35.6	10.7	511.4	506.7	517.8	513.6	497.8
Azerbaijan	1140	457	71.9	22.7	5.4	42.3	14.1	405.8	411.2	415.5	414.1	414.9
Bahrain	223	201	72.4	12.2	15.4	7.2	0.0	449.9	449.3	449.0	479.6	.
Brazil	916	876	81.7	12.1	6.2	0.9	4.2	425.2	391.9	397.0	378.0	441.0
Chile	168	144	84.3	7.5	8.2	1.9	11.0	453.4	457.1	471.8	498.4	447.5
Chinese Taipei	239	228	5.3	5.0	89.7	5.2	0.0	555.8	557.6	571.6	604.5	.
Cote d'Ivoire	372	106	3.8	7.8	88.3	17.6	51.6	89.0	165.2	163.7	220.8	183.4
Cyprus	775	342	35.6	29.9	34.4	40.0	13.2	465.9	462.0	484.8	453.7	471.4
Czech Republic	1348	667	86.1	7.0	6.9	42.3	6.4	519.7	523.7	543.8	533.5	528.7
England	262	110	36.1	5.9	58.0	4.3	39.8	525.5	573.5	529.0	561.0	529.5
Finland	1239	626	82.5	8.7	8.9	40.4	2.9	531.5	503.6	540.6	532.3	523.3
France	379	170	25.8	60.8	13.4	43.3	11.9	485.4	487.3	476.2	490.9	472.4
Georgia	936	407	81.8	14.5	3.7	56.5	0.1	450.3	438.3	440.2	447.4	497.7
Hong Kong SAR	185	114	35.5	9.6	54.8	1.9	34.9	521.2	567.0	534.1	508.7	519.7
Hungary	1086	436	85.6	8.3	6.1	43.9	15.8	512.4	511.9	553.4	528.8	518.9
Iran, Islamic Rep. of	224	220	71.6	21.3	7.2	1.6	0.0	421.4	411.6	402.8	480.4	.
Ireland	440	382	25.7	20.5	53.8	4.2	11.5	521.4	529.1	530.6	541.3	520.0
Israel	265	221	27.4	10.2	62.4	7.4	6.8	455.7	470.7	496.4	465.8	472.1
Italy	236	227	45.8	42.0	12.2	0.6	2.9	500.0	497.0	514.7	558.4	491.0
Japan	147	142	32.7	17.7	49.6	1.0	1.7	560.1	538.6	562.0	529.6	559.5
Jordan	225	219	67.0	22.6	10.3	2.8	0.0	415.9	404.3	417.9	385.7	.
Kazakhstan	1209	820	70.5	26.5	3.0	29.6	1.4	440.0	446.2	465.5	444.3	422.9
Korea, Rep. of	243	235	40.1	54.5	5.3	0.9	2.8	546.8	545.6	537.5	549.3	535.1
Kuwait	157	150	55.7	25.9	18.5	2.6	1.1	417.3	411.2	436.8	452.4	372.6
Lithuania	1096	419	71.7	9.1	19.2	48.6	12.4	516.7	513.4	523.4	520.3	520.1
Malaysia	313	311	63.0	14.3	22.7	0.6	0.0	427.2	428.4	421.9	470.7	.
Malta	466	196	14.4	15.2	70.4	38.7	17.0	507.7	518.1	494.9	511.8	479.1
Morocco	511	383	37.5	53.6	8.9	21.4	2.2	331.2	323.4	309.9	331.6	346.5
New Zealand	211	131	8.0	34.9	57.1	3.0	39.3	521.0	487.8	504.6	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	70.9	5.6	23.5	3.9	0.9	454.5	458.0	454.2	479.2	472.5
Palestinian Nat'l Auth.	199	182	84.4	8.7	6.9	5.3	2.9	393.8	394.8	401.7	375.5	374.9
Portugal	521	395	54.2	14.3	31.6	18.9	5.1	507.4	495.9	507.9	505.9	499.9
Qatar	242	226	58.1	20.6	21.4	1.5	1.8	472.3	480.3	498.0	585.7	485.4
Romania	429	157	43.9	11.0	45.2	37.8	25.3	477.5	453.5	468.0	471.6	451.5
Saudi Arabia	214	186	75.2	14.2	10.6	6.9	5.0	425.9	397.4	403.8	418.1	413.4
Singapore	345	341	9.3	2.2	88.5	1.1	0.0	579.9	627.6	607.9	644.3	.
South Africa (9)	288	203	21.5	24.5	54.1	5.1	29.4	391.3	387.6	346.3	351.7	355.8
Sweden	814	539	43.2	7.7	49.1	18.5	14.3	528.1	499.2	523.5	520.6	511.8
Turkiye	189	187	72.7	13.4	13.9	1.0	0.0	527.2	524.2	548.7	503.5	.
United Arab Emirates	1614	1303	69.8	19.7	10.5	4.1	12.8	480.1	493.8	480.7	516.8	498.5
United States	672	550	60.4	30.0	9.7	1.3	10.5	515.6	513.0	524.3	469.9	506.1
Uzbekistan	668	551	90.9	5.2	3.9	15.5	1.4	396.5	391.0	408.7	391.2	387.5
International Avg. (43)	23553	14986	52.8	18.5	28.7	15.6	10.7	468.9	468.7	474.8	479.1	465.1
Abu Dhabi, UAE	597	476	65.1	21.3	13.6	3.6	13.5	440.9	446.0	424.6	487.7	454.5
Dubai, UAE	432	344	64.6	22.2	13.2	4.3	11.7	544.4	561.0	546.1	549.7	537.7
Sharjah, UAE	307	243	80.0	16.6	3.4	5.2	15.4	483.0	508.8	562.2	527.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Gases present in Earth's atmosphere and their relative abundance
Location: TQS-22Db (BTBS22DB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	26.0	25.4	48.6	4.2	35.0	533.7	505.3	531.1	514.2	512.0
Austria	889	471	35.0	11.7	53.4	36.2	10.7	516.0	525.7	509.1	513.4	497.8
Azerbaijan	1140	455	70.8	22.8	6.4	42.7	14.1	407.7	406.0	408.8	414.2	414.9
Bahrain	223	203	23.7	67.8	8.5	6.1	0.0	479.7	435.3	481.7	483.9	.
Brazil	916	873	75.1	16.3	8.6	1.0	4.2	425.4	395.7	413.7	374.7	441.0
Chile	168	144	75.8	12.9	11.3	1.9	11.0	452.4	459.7	469.0	498.4	447.5
Chinese Taipei	239	228	8.1	9.1	82.9	5.2	0.0	560.5	569.6	571.0	604.5	.
Cote d'Ivoire	372	105	11.9	5.9	82.2	17.8	51.6	141.5	144.1	164.4	220.8	183.4
Cyprus	775	341	37.3	30.6	32.1	40.1	13.2	456.1	489.2	471.8	453.7	471.4
Czech Republic	1348	665	84.6	8.5	6.9	42.6	6.4	520.2	518.9	541.1	533.7	528.7
England	262	110	33.6	19.9	46.5	4.3	39.8	505.9	546.2	541.4	561.0	529.5
Finland	1239	631	68.0	11.4	20.6	40.3	2.9	531.3	509.7	535.0	532.6	523.3
France	379	171	47.0	18.8	34.3	43.0	11.9	485.9	490.5	481.6	491.0	472.4
Georgia	936	401	77.0	17.7	5.3	57.2	0.1	449.9	445.1	439.7	447.1	497.7
Hong Kong SAR	185	114	13.4	67.5	19.1	2.5	34.9	529.7	521.4	572.9	523.3	519.7
Hungary	1086	434	64.6	12.9	22.6	44.0	15.8	511.5	511.2	528.2	528.5	518.9
Iran, Islamic Rep. of	224	220	41.5	39.0	19.5	1.6	0.0	422.0	409.8	425.9	480.4	.
Ireland	440	382	29.9	36.2	33.9	3.4	11.5	523.1	523.4	536.9	544.8	520.0
Israel	265	222	58.1	11.2	30.8	7.0	6.8	479.9	479.1	487.9	469.3	472.1
Italy	236	227	63.5	19.8	16.6	0.6	2.9	498.7	498.8	509.8	558.4	491.0
Japan	147	142	48.1	20.5	31.4	1.0	1.7	557.0	544.0	566.2	529.6	559.5
Jordan	225	218	60.0	21.6	18.4	3.4	0.0	410.2	403.6	435.3	395.1	.
Kazakhstan	1209	813	63.8	33.4	2.8	30.1	1.4	442.2	441.3	463.7	444.0	422.9
Korea, Rep. of	243	235	29.2	18.8	52.0	0.9	2.8	548.6	539.0	546.4	549.3	535.1
Kuwait	157	151	75.2	15.5	9.3	2.6	1.1	423.0	415.1	393.6	464.5	372.6
Lithuania	1096	418	69.9	13.2	16.9	48.7	12.4	517.8	513.6	521.6	520.2	520.1
Malaysia	313	311	61.8	12.0	26.2	0.6	0.0	428.3	431.9	418.5	470.7	.
Malta	466	198	13.7	24.8	61.5	38.3	17.0	517.9	523.4	488.3	511.1	479.1
Morocco	511	382	28.5	34.9	36.5	21.8	2.2	330.2	324.0	321.0	332.9	346.5
New Zealand	211	131	8.6	32.8	58.6	3.0	39.3	539.9	484.1	503.2	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	68.1	17.9	14.0	3.7	0.9	457.7	450.8	444.8	479.3	472.5
Palestinian Nat'l Auth.	199	182	74.2	21.9	3.9	5.3	2.9	395.9	391.0	385.5	375.5	374.9
Portugal	521	396	17.4	59.0	23.5	18.9	5.1	504.6	505.5	507.6	506.1	499.9
Qatar	242	225	28.9	53.2	17.9	2.1	1.8	503.0	455.0	510.1	591.7	485.4
Romania	429	159	42.3	17.4	40.2	37.2	25.3	478.4	462.7	465.8	471.6	451.5
Saudi Arabia	214	183	73.5	20.8	5.6	7.7	5.0	425.4	403.2	400.7	419.6	413.4
Singapore	345	341	20.6	8.7	70.8	1.1	0.0	608.9	580.9	607.9	644.3	.
South Africa (9)	288	204	23.9	24.7	51.4	4.9	29.4	388.9	380.2	348.7	350.8	355.8
Sweden	814	545	59.9	18.1	22.0	17.9	14.3	522.0	516.5	534.4	519.9	511.8
Turkiye	189	188	52.9	41.7	5.4	0.6	0.0	532.9	524.5	540.4	478.5	.
United Arab Emirates	1614	1304	68.7	21.3	10.0	4.1	12.8	482.4	488.5	474.2	516.4	498.5
United States	672	549	57.7	28.2	14.1	1.4	10.5	515.9	508.0	529.3	479.3	506.1
Uzbekistan	668	553	87.8	8.2	4.0	15.2	1.4	396.8	393.6	400.2	390.8	387.5
International Avg. (43)	23553	14973	48.4	24.0	27.6	15.6	10.7	473.5	466.6	475.1	479.9	465.1
Abu Dhabi, UAE	597	475	61.4	24.4	14.1	3.9	13.5	436.9	451.5	430.6	489.2	454.5
Dubai, UAE	432	346	65.7	23.1	11.1	4.0	11.7	549.9	545.8	543.6	551.0	537.7
Sharjah, UAE	307	243	78.8	16.9	4.3	5.2	15.4	485.1	509.2	503.9	527.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Changes in temperature and pressure based on altitude
Location: TQS-22Dc (BTBS22DC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	476	13.9	12.8	73.3	4.3	35.0	533.0	494.4	528.9	517.1	512.0
Austria	889	474	47.1	8.4	44.5	36.0	10.7	515.1	517.1	510.6	513.7	497.8
Azerbaijan	1140	455	69.0	22.4	8.7	42.7	14.1	408.4	405.3	405.8	414.1	414.9
Bahrain	223	202	19.0	71.1	9.9	6.3	0.0	473.1	437.6	489.5	486.3	.
Brazil	916	873	56.9	24.1	19.0	1.0	4.2	422.9	416.4	413.5	370.0	441.0
Chile	168	143	73.6	14.4	12.1	2.5	11.0	452.4	461.2	465.0	489.5	447.5
Chinese Taipei	239	227	2.6	6.9	90.5	5.8	0.0	568.1	574.2	569.7	602.3	.
Cote d'Ivoire	372	105	11.0	7.4	81.7	17.8	51.6	173.0	156.5	159.1	220.8	183.4
Cyprus	775	341	29.0	33.8	37.2	40.1	13.2	459.7	471.6	479.3	454.0	471.4
Czech Republic	1348	666	81.3	9.7	9.0	42.4	6.4	519.5	522.1	541.1	533.5	528.7
England	262	109	23.3	9.2	67.6	4.7	39.8	512.7	551.5	533.8	556.8	529.5
Finland	1239	628	52.5	14.1	33.4	40.6	2.9	530.6	527.3	528.9	532.7	523.3
France	379	170	36.6	14.1	49.3	43.2	11.9	483.1	491.5	485.6	490.7	472.4
Georgia	936	400	73.9	19.3	6.9	57.2	0.1	450.1	445.4	439.6	447.1	497.7
Hong Kong SAR	185	114	8.6	10.4	81.1	1.9	34.9	546.0	564.4	527.2	508.7	519.7
Hungary	1086	437	74.9	13.9	11.2	43.8	15.8	514.3	505.0	535.2	528.4	518.9
Iran, Islamic Rep. of	224	218	23.0	22.9	54.1	2.5	0.0	417.5	409.4	421.7	460.7	.
Ireland	440	380	10.3	24.0	65.7	4.9	11.5	530.2	524.1	528.5	544.6	520.0
Israel	265	221	31.5	10.8	57.8	7.4	6.8	485.6	452.0	486.7	465.8	472.1
Italy	236	227	60.4	15.3	24.3	0.6	2.9	496.5	498.3	512.1	558.4	491.0
Japan	147	142	3.2	91.9	4.9	1.0	1.7	587.5	555.8	564.2	529.6	559.5
Jordan	225	217	48.1	29.1	22.8	3.6	0.0	415.0	403.8	426.5	369.1	.
Kazakhstan	1209	816	59.3	36.2	4.5	30.0	1.4	439.2	446.8	447.5	444.4	422.9
Korea, Rep. of	243	235	28.9	19.9	51.2	0.9	2.8	546.5	541.0	547.0	549.3	535.1
Kuwait	157	151	63.8	15.7	20.5	2.1	1.1	417.0	435.3	417.9	428.2	372.6
Lithuania	1096	419	61.5	18.5	20.0	48.6	12.4	517.7	515.5	519.2	520.4	520.1
Malaysia	313	310	41.1	24.5	34.4	0.7	0.0	424.0	433.7	423.7	442.5	.
Malta	466	197	4.9	37.8	57.3	38.5	17.0	520.9	508.2	493.7	511.6	479.1
Morocco	511	379	22.6	45.1	32.4	22.5	2.2	333.4	327.9	316.3	330.3	346.5
New Zealand	211	131	3.6	11.1	85.4	3.0	39.3	490.3	505.4	499.8	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	58.6	10.5	31.0	4.1	0.9	456.2	460.6	449.8	476.9	472.5
Palestinian Nat'l Auth.	199	182	72.8	21.4	5.8	5.3	2.9	394.5	396.3	387.1	375.5	374.9
Portugal	521	395	13.1	24.3	62.6	19.0	5.1	504.5	501.3	507.9	506.2	499.9
Qatar	242	225	30.7	23.0	46.3	2.1	1.8	479.5	475.8	479.6	591.7	485.4
Romania	429	158	44.9	14.4	40.7	37.4	25.3	477.0	462.4	466.6	471.5	451.5
Saudi Arabia	214	181	52.6	39.5	7.9	9.6	5.0	427.6	413.3	419.9	402.2	413.4
Singapore	345	341	4.5	13.5	82.0	1.1	0.0	600.8	616.8	604.2	644.3	.
South Africa (9)	288	202	14.1	13.9	72.0	5.2	29.4	392.7	432.1	347.9	353.5	355.8
Sweden	814	539	48.1	18.0	34.0	18.4	14.3	521.0	525.3	526.2	520.9	511.8
Turkiye	189	188	19.5	78.8	1.8	0.6	0.0	533.8	528.4	550.5	478.5	.
United Arab Emirates	1614	1301	50.6	26.6	22.8	4.3	12.8	467.0	513.2	483.4	513.4	498.5
United States	672	550	56.9	24.3	18.8	1.3	10.5	514.3	518.7	515.8	469.9	506.1
Uzbekistan	668	550	86.6	9.3	4.0	15.7	1.4	396.3	396.6	405.1	391.3	387.5
International Avg. (43)	23553	14945	39.3	23.5	37.2	15.8	10.7	473.2	473.0	473.5	475.9	465.1
Abu Dhabi, UAE	597	473	48.8	23.3	27.8	4.1	13.5	427.2	470.0	435.6	486.9	454.5
Dubai, UAE	432	346	38.0	35.5	26.5	4.0	11.7	533.3	564.1	548.4	551.0	537.7
Sharjah, UAE	307	243	63.6	23.2	13.2	5.2	15.4	476.8	520.3	500.4	527.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: How geological events impact Earth's surface
Location: TQS-22Dd (BTBS22DD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	12.7	38.9	48.4	4.2	35.0	532.1	520.2	527.5	513.7	512.0
Austria	889	477	45.5	9.8	44.7	35.9	10.7	517.1	500.6	512.7	513.3	497.8
Azerbaijan	1140	452	41.0	35.1	23.9	42.8	14.1	401.9	406.0	418.2	414.4	414.9
Bahrain	223	201	45.9	24.9	29.2	6.5	0.0	445.9	456.6	450.1	481.6	.
Brazil	916	873	68.3	17.4	14.3	1.3	4.2	422.7	424.0	398.7	384.3	441.0
Chile	168	144	76.8	9.8	13.4	1.9	11.0	451.9	455.1	474.3	498.4	447.5
Chinese Taipei	239	228	2.3	3.1	94.5	5.2	0.0	570.3	578.2	569.8	604.5	.
Cote d'Ivoire	372	105	3.6	19.6	76.8	17.8	51.6	157.6	158.0	161.2	220.8	183.4
Cyprus	775	342	17.7	39.1	43.1	40.0	13.2	458.9	460.8	485.7	453.7	471.4
Czech Republic	1348	665	70.6	8.1	21.3	42.5	6.4	520.4	517.3	527.4	533.5	528.7
England	262	110	41.6	5.1	53.3	4.3	39.8	526.1	533.2	533.5	561.0	529.5
Finland	1239	620	56.6	26.6	16.7	40.9	2.9	532.7	520.6	534.5	532.4	523.3
France	379	169	11.6	75.6	12.8	43.5	11.9	494.2	485.0	478.1	491.0	472.4
Georgia	936	399	69.3	20.7	10.0	57.4	0.1	449.2	442.7	452.1	447.4	497.7
Hong Kong SAR	185	114	3.2	5.1	91.7	1.9	34.9	562.0	589.1	528.5	508.7	519.7
Hungary	1086	433	76.9	12.0	11.1	44.1	15.8	512.2	511.4	538.2	528.7	518.9
Iran, Islamic Rep. of	224	217	14.9	43.7	41.3	3.0	0.0	393.1	419.9	425.2	448.4	.
Ireland	440	379	11.3	15.8	73.0	4.5	11.5	515.4	524.5	530.5	542.0	520.0
Israel	265	219	12.5	11.9	75.5	8.1	6.8	457.7	465.7	488.9	471.8	472.1
Italy	236	227	17.3	49.8	32.9	0.6	2.9	489.3	498.7	509.3	558.4	491.0
Japan	147	142	48.9	13.0	38.1	1.0	1.7	558.0	539.2	562.4	529.6	559.5
Jordan	225	216	49.4	34.0	16.6	4.8	0.0	414.8	411.0	419.6	382.2	.
Kazakhstan	1209	811	47.4	46.3	6.3	30.2	1.4	441.8	441.9	450.0	444.4	422.9
Korea, Rep. of	243	235	59.5	8.7	31.8	0.9	2.8	546.1	536.7	547.3	549.3	535.1
Kuwait	157	150	38.9	31.7	29.4	2.7	1.1	421.5	406.9	435.2	396.0	372.6
Lithuania	1096	419	54.0	21.9	24.1	48.6	12.4	515.3	525.0	516.2	520.4	520.1
Malaysia	313	311	59.5	11.8	28.8	0.6	0.0	424.6	439.3	423.9	470.7	.
Malta	466	196	13.1	13.6	73.3	38.7	17.0	503.5	518.9	496.3	511.8	479.1
Morocco	511	378	30.9	50.1	18.9	22.0	2.2	327.6	327.9	314.0	331.0	346.5
New Zealand	211	131	9.5	19.3	71.3	3.0	39.3	522.8	486.6	500.7	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	269	58.5	7.5	34.0	4.6	0.9	454.5	474.1	450.0	479.3	472.5
Palestinian Nat'l Auth.	199	182	62.3	9.8	27.9	5.3	2.9	397.2	388.1	390.4	375.5	374.9
Portugal	521	396	56.0	9.5	34.5	18.7	5.1	504.8	506.9	507.5	505.8	499.9
Qatar	242	225	35.9	21.4	42.7	2.1	1.8	482.4	472.7	478.5	591.7	485.4
Romania	429	157	37.4	10.6	52.0	37.8	25.3	477.1	451.5	469.8	471.6	451.5
Saudi Arabia	214	181	67.1	12.5	20.4	9.5	5.0	429.8	412.2	400.1	400.1	413.4
Singapore	345	341	2.3	3.9	93.8	1.1	0.0	539.5	604.2	607.5	644.3	.
South Africa (9)	288	201	10.5	17.3	72.1	5.4	29.4	399.8	418.3	348.7	351.4	355.8
Sweden	814	536	29.2	8.8	62.0	18.7	14.3	532.7	509.9	521.1	521.1	511.8
Turkiye	189	188	42.5	14.8	42.7	0.6	0.0	533.5	498.1	537.2	478.5	.
United Arab Emirates	1614	1301	43.3	37.1	19.6	4.3	12.8	481.9	466.8	515.6	515.2	498.5
United States	672	550	51.4	41.4	7.2	1.3	10.5	520.1	511.1	510.6	469.9	506.1
Uzbekistan	668	548	79.9	12.9	7.2	16.0	1.4	397.6	391.5	396.7	391.0	387.5
International Avg. (43)	23553	14916	39.2	21.6	39.1	15.9	10.7	470.6	469.9	473.1	476.4	465.1
Abu Dhabi, UAE	597	475	49.9	36.4	13.7	3.7	13.5	438.1	424.4	486.6	486.8	454.5
Dubai, UAE	432	346	42.8	32.5	24.7	4.0	11.7	551.5	535.7	559.0	551.0	537.7
Sharjah, UAE	307	240	37.1	38.3	24.6	6.5	15.4	490.8	471.9	516.1	522.3	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Processes in the rock cycle (e.g., lava cooling, weathering)

Location: TQS-22De (BTBS22DE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	10.4	76.8	12.8	4.2	35.0	557.3	521.1	524.2	513.7	512.0
Austria	889	473	53.6	4.6	41.8	36.1	10.7	511.6	518.7	514.7	513.7	497.8
Azerbaijan	1140	457	64.4	22.8	12.8	42.5	14.1	405.1	412.5	411.1	414.1	414.9
Bahrain	223	201	76.6	10.2	13.2	6.6	0.0	446.3	440.9	473.8	486.3	.
Brazil	916	873	76.3	10.7	13.0	1.4	4.2	422.7	423.5	398.2	382.5	441.0
Chile	168	144	76.6	8.7	14.7	1.9	11.0	451.1	457.5	475.3	498.4	447.5
Chinese Taipei	239	228	2.3	2.8	94.9	5.2	0.0	567.9	569.3	570.1	604.5	.
Cote d'Ivoire	372	102	9.2	47.2	43.6	18.3	51.6	171.4	159.5	158.6	219.8	183.4
Cyprus	775	342	18.4	35.1	46.4	40.0	13.2	463.9	458.8	483.6	453.7	471.4
Czech Republic	1348	665	62.0	8.3	29.7	42.5	6.4	520.4	525.5	523.2	533.5	528.7
England	262	110	66.5	7.3	26.2	4.3	39.8	527.4	545.9	533.6	561.0	529.5
Finland	1239	618	35.1	27.3	37.6	41.1	2.9	530.0	527.9	531.0	532.3	523.3
France	379	166	14.6	57.4	28.0	44.4	11.9	492.8	488.9	476.9	490.0	472.4
Georgia	936	397	73.9	18.9	7.2	57.5	0.1	447.9	447.9	449.4	447.5	497.7
Hong Kong SAR	185	114	2.7	5.8	91.5	1.9	34.9	567.3	558.4	530.1	508.7	519.7
Hungary	1086	435	80.8	11.3	7.9	43.9	15.8	514.7	497.6	542.2	528.8	518.9
Iran, Islamic Rep. of	224	220	9.1	87.1	3.8	1.6	0.0	379.6	422.4	408.5	480.4	.
Ireland	440	376	8.3	10.5	81.2	4.9	11.5	541.2	530.8	526.0	542.2	520.0
Israel	265	219	10.8	10.3	78.8	8.0	6.8	469.5	465.3	485.7	475.7	472.1
Italy	236	227	7.0	53.7	39.2	0.6	2.9	500.0	496.0	507.0	558.4	491.0
Japan	147	142	88.4	3.5	8.1	1.0	1.7	556.5	555.8	565.8	529.6	559.5
Jordan	225	215	45.6	26.6	27.8	3.9	0.0	415.8	402.8	419.9	393.9	.
Kazakhstan	1209	814	55.4	40.3	4.3	30.0	1.4	440.5	443.3	458.5	444.3	422.9
Korea, Rep. of	243	235	85.4	7.6	7.0	0.9	2.8	547.0	534.0	542.0	549.3	535.1
Kuwait	157	150	29.0	44.9	26.1	2.4	1.1	411.7	417.0	436.6	404.8	372.6
Lithuania	1096	418	59.2	15.0	25.9	48.7	12.4	515.8	529.2	515.4	520.3	520.1
Malaysia	313	311	63.5	9.3	27.2	0.6	0.0	424.9	432.8	426.9	470.7	.
Malta	466	196	16.2	9.4	74.5	38.7	17.0	500.0	534.4	496.1	511.8	479.1
Morocco	511	378	15.9	64.9	19.2	22.3	2.2	340.4	323.1	321.4	330.0	346.5
New Zealand	211	130	10.7	10.8	78.5	4.1	39.3	523.4	482.4	501.1	442.0	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	70.5	5.3	24.2	3.7	0.9	454.8	443.8	456.7	479.3	472.5
Palestinian Nat'l Auth.	199	182	70.6	8.0	21.3	5.3	2.9	395.7	388.8	392.4	375.5	374.9
Portugal	521	396	62.6	2.8	34.6	18.7	5.1	504.7	513.3	507.6	505.8	499.9
Qatar	242	225	57.8	12.4	29.8	2.1	1.8	478.5	493.2	473.0	591.7	485.4
Romania	429	155	33.5	11.8	54.7	38.5	25.3	478.1	457.7	467.7	472.1	451.5
Saudi Arabia	214	185	72.1	12.3	15.6	7.7	5.0	428.1	415.3	384.4	416.0	413.4
Singapore	345	341	1.8	0.5	97.7	1.1	0.0	535.4	568.0	607.3	644.3	.
South Africa (9)	288	203	12.1	25.3	62.7	4.9	29.5	371.4	411.4	346.9	350.8	355.7
Sweden	814	532	24.4	5.3	70.3	19.1	14.3	526.7	506.5	523.8	520.8	511.8
Turkiye	189	187	34.3	8.3	57.4	1.3	0.0	529.1	493.0	535.4	513.8	.
United Arab Emirates	1614	1298	63.0	25.8	11.2	4.5	12.8	483.1	466.7	520.8	509.4	498.5
United States	672	550	65.2	27.6	7.2	1.3	10.5	518.3	511.2	508.3	469.9	506.1
Uzbekistan	668	549	79.3	13.4	7.3	15.8	1.4	397.4	388.1	405.4	390.9	387.5
International Avg. (43)	23553	14908	43.6	21.1	35.3	15.9	10.7	471.3	469.3	472.9	478.7	465.1
Abu Dhabi, UAE	597	471	63.6	26.0	10.4	4.6	13.5	442.9	417.7	476.2	475.8	454.5
Dubai, UAE	432	344	64.8	21.3	13.9	4.3	11.7	547.7	534.2	574.2	546.2	537.7
Sharjah, UAE	307	243	58.1	28.5	13.4	5.2	15.4	485.0	486.0	519.9	527.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: How fossils form and what they show about Earth's history
 Location: TQS-22Df (BTBS22DF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	8.9	58.0	33.1	4.2	35.0	541.9	524.5	522.0	514.4	512.0
Austria	889	477	46.2	4.0	49.7	35.7	10.7	508.5	536.2	515.9	513.5	497.8
Azerbaijan	1140	456	51.5	31.3	17.1	42.7	14.1	405.4	406.4	416.3	414.0	414.9
Bahrain	223	203	76.5	11.5	12.0	6.1	0.0	441.2	469.6	485.5	483.9	.
Brazil	916	873	73.0	10.6	16.4	1.3	4.2	425.3	411.1	399.6	382.2	441.0
Chile	168	143	49.8	5.5	44.7	1.9	11.0	443.0	464.7	467.6	498.2	447.5
Chinese Taipei	239	228	6.3	4.3	89.4	5.2	0.0	558.6	572.3	570.8	604.5	.
Cote d'Ivoire	372	105	3.7	3.2	93.1	17.8	51.6	182.9	201.8	158.2	220.8	183.4
Cyprus	775	341	18.4	25.5	56.1	40.1	13.2	460.5	473.8	473.7	453.7	471.4
Czech Republic	1348	664	51.8	7.5	40.7	42.6	6.4	521.4	519.3	522.7	533.3	528.7
England	262	109	52.9	8.8	38.2	4.7	39.8	523.7	527.9	540.0	559.2	529.5
Finland	1239	618	36.0	16.7	47.3	41.2	2.9	529.3	525.3	531.8	532.2	523.3
France	379	168	37.4	8.8	53.7	43.6	11.9	494.2	501.2	476.8	490.7	472.4
Georgia	936	403	63.7	18.4	18.0	56.9	0.1	447.4	446.6	454.1	447.2	497.7
Hong Kong SAR	185	114	10.8	9.4	79.8	1.9	34.9	532.7	539.2	531.9	508.7	519.7
Hungary	1086	434	72.2	13.8	14.1	44.0	15.8	514.0	505.8	529.3	528.7	518.9
Iran, Islamic Rep. of	224	218	13.6	46.7	39.7	2.7	0.0	416.8	412.2	425.2	456.1	.
Ireland	440	379	7.4	18.5	74.1	4.7	11.5	532.2	532.0	526.2	544.1	520.0
Israel	265	217	11.6	7.4	81.0	9.2	6.8	481.2	467.9	483.6	473.5	472.1
Italy	236	227	6.2	41.0	52.8	0.6	2.9	490.4	496.5	504.9	558.4	491.0
Japan	147	142	87.2	3.9	8.9	1.0	1.7	556.8	556.6	561.8	529.6	559.5
Jordan	225	216	75.6	12.5	11.8	4.2	0.0	414.1	399.8	417.1	414.8	.
Kazakhstan	1209	817	50.5	42.9	6.6	29.8	1.4	437.1	445.5	462.1	444.4	422.9
Korea, Rep. of	243	235	63.9	6.4	29.7	0.9	2.8	545.9	540.9	546.3	549.3	535.1
Kuwait	157	149	24.8	17.8	57.4	3.1	1.1	405.2	438.8	422.2	398.7	372.6
Lithuania	1096	419	60.9	17.4	21.7	48.6	12.4	517.3	516.4	519.5	520.4	520.1
Malaysia	313	311	58.7	11.5	29.8	0.6	0.0	423.6	440.5	425.6	470.7	.
Malta	466	196	13.9	15.7	70.4	38.7	17.0	506.4	524.5	493.7	511.8	479.1
Morocco	511	376	65.5	11.4	23.1	22.7	2.2	326.4	340.6	313.8	331.1	346.5
New Zealand	211	131	4.0	9.8	86.2	3.0	39.3	516.7	521.0	496.9	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	68.8	8.9	22.3	4.2	0.9	453.6	466.0	453.0	479.3	472.5
Palestinian Nat'l Auth.	199	182	72.9	10.4	16.7	5.3	2.9	394.2	390.0	398.1	375.5	374.9
Portugal	521	396	59.5	6.4	34.2	18.7	5.1	504.8	510.3	507.0	505.8	499.9
Qatar	242	224	52.9	15.9	31.2	3.0	1.8	477.6	506.6	467.1	549.1	485.4
Romania	429	156	33.1	15.8	51.1	38.1	25.3	480.7	460.4	466.2	472.1	451.5
Saudi Arabia	214	185	74.5	13.7	11.8	7.4	5.0	425.8	404.3	396.8	418.8	413.4
Singapore	345	341	3.8	2.2	94.0	1.1	0.0	514.3	607.6	609.4	644.3	.
South Africa (9)	288	202	20.4	13.6	66.0	5.2	29.4	373.0	403.1	355.8	355.5	355.8
Sweden	814	544	28.9	16.2	54.9	17.7	14.3	521.2	522.1	524.8	521.6	511.8
Turkiye	189	186	59.1	8.2	32.8	1.8	0.0	530.5	492.0	539.0	495.8	.
United Arab Emirates	1614	1302	38.9	49.8	11.3	4.1	12.8	500.7	463.5	507.1	516.3	498.5
United States	672	550	47.1	44.7	8.2	1.3	10.5	516.4	516.5	506.2	469.9	506.1
Uzbekistan	668	550	77.8	15.0	7.3	15.7	1.4	397.8	391.4	396.5	390.5	387.5
International Avg. (43)	23553	14934	42.8	16.8	40.4	15.9	10.7	469.5	474.3	472.6	477.5	465.1
Abu Dhabi, UAE	597	474	40.4	50.7	8.9	3.7	13.5	460.6	414.4	489.9	486.1	454.5
Dubai, UAE	432	346	43.8	40.6	15.6	4.0	11.7	559.3	538.1	543.6	551.0	537.7
Sharjah, UAE	307	242	36.4	53.8	9.8	5.4	15.4	501.3	481.0	495.0	529.3	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Processes in Earth's water cycle
Location: TQS-22Dg (BTBS22DG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	54.2	27.2	18.6	4.2	35.0	528.4	511.2	536.7	513.7	512.0
Austria	889	477	52.9	9.0	38.1	35.7	10.7	511.1	511.7	516.8	513.6	497.8
Azerbaijan	1140	449	68.0	24.9	7.1	43.3	14.1	407.5	408.1	407.1	413.9	414.9
Bahrain	223	201	41.2	53.5	5.3	7.3	0.0	468.1	431.4	496.1	475.9	.
Brazil	916	875	77.6	15.2	7.2	0.9	4.2	424.4	402.7	401.4	377.3	441.0
Chile	168	143	88.4	4.0	7.5	2.3	11.0	452.8	466.9	482.1	477.7	447.5
Chinese Taipei	239	228	13.2	8.6	78.2	5.2	0.0	556.3	560.6	573.4	604.5	.
Cote d'Ivoire	372	101	19.8	4.5	75.7	18.9	51.6	142.0	162.7	165.2	217.5	183.4
Cyprus	775	340	27.8	37.5	34.7	40.2	13.2	481.1	457.9	477.9	453.8	471.4
Czech Republic	1348	664	82.0	9.4	8.6	42.6	6.4	519.3	525.2	540.2	533.5	528.7
England	262	110	33.0	12.2	54.8	4.3	39.8	530.3	540.9	528.1	561.0	529.5
Finland	1239	627	80.3	10.9	8.8	40.7	2.9	531.5	514.0	536.3	532.1	523.3
France	379	169	70.7	6.8	22.5	43.7	11.9	485.1	468.9	492.5	490.5	472.4
Georgia	936	402	78.7	15.7	5.6	56.9	0.1	449.4	442.7	446.7	447.4	497.7
Hong Kong SAR	185	114	66.3	16.2	17.4	1.9	34.9	521.8	542.4	565.3	508.7	519.7
Hungary	1086	438	89.2	7.3	3.5	43.7	15.8	512.5	516.2	584.9	528.5	518.9
Iran, Islamic Rep. of	224	220	63.8	32.1	4.1	1.6	0.0	419.8	415.1	412.6	480.4	.
Ireland	440	381	12.0	35.6	52.4	3.5	11.5	535.5	528.5	525.7	545.0	520.0
Israel	265	220	26.8	12.3	60.9	7.8	6.8	480.1	463.3	486.3	475.4	472.1
Italy	236	227	78.7	8.1	13.1	0.6	2.9	498.1	501.1	515.3	558.4	491.0
Japan	147	142	10.2	74.8	15.0	1.0	1.7	542.1	560.1	553.0	529.6	559.5
Jordan	225	215	71.4	19.1	9.5	3.5	0.0	417.9	406.7	403.6	367.0	.
Kazakhstan	1209	813	63.1	32.7	4.1	30.1	1.4	439.5	446.9	451.5	444.2	422.9
Korea, Rep. of	243	234	31.5	38.9	29.6	1.1	2.8	541.1	547.9	547.7	546.1	535.1
Kuwait	157	149	45.3	16.9	37.8	3.8	1.1	430.5	405.9	413.5	427.6	372.6
Lithuania	1096	419	66.6	13.7	19.7	48.6	12.4	518.7	512.9	517.6	520.4	520.1
Malaysia	313	311	42.5	40.3	17.2	0.6	0.0	428.5	423.1	427.5	470.7	.
Malta	466	196	20.8	11.2	68.0	38.7	17.0	504.7	541.3	492.2	511.8	479.1
Morocco	511	380	76.7	6.7	16.7	22.4	2.2	326.5	329.1	312.0	334.1	346.5
New Zealand	211	130	15.6	32.2	52.2	3.4	39.3	516.9	492.3	500.6	447.7	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	75.8	8.1	16.1	3.7	0.9	456.7	447.9	451.9	464.9	472.5
Palestinian Nat'l Auth.	199	181	79.2	11.2	9.6	5.8	2.9	396.7	381.4	393.6	373.3	374.9
Portugal	521	399	22.9	51.6	25.5	18.1	5.1	507.9	505.0	506.3	505.4	499.9
Qatar	242	224	65.7	18.3	16.0	2.6	1.8	471.0	478.1	511.6	564.0	485.4
Romania	429	158	42.7	14.4	43.0	37.5	25.3	477.7	459.2	468.1	471.3	451.5
Saudi Arabia	214	186	77.3	13.1	9.7	6.9	5.0	423.0	408.8	406.1	418.1	413.4
Singapore	345	341	27.1	6.3	66.6	1.1	0.0	605.5	601.6	606.2	644.3	.
South Africa (9)	288	203	30.0	14.0	56.0	5.1	29.4	386.3	404.7	345.4	353.2	355.8
Sweden	814	550	63.1	21.0	15.9	17.1	14.3	522.6	515.8	536.2	521.4	511.8
Turkiye	189	188	24.8	68.0	7.2	0.6	0.0	541.7	524.4	540.3	478.5	.
United Arab Emirates	1614	1294	73.9	17.9	8.1	4.5	12.8	482.1	478.6	502.0	510.8	498.5
United States	672	550	66.7	27.1	6.2	1.3	10.5	519.6	509.4	500.7	469.9	506.1
Uzbekistan	668	551	82.2	13.0	4.7	15.5	1.4	397.0	390.3	406.4	391.7	387.5
International Avg. (43)	23553	14949	53.5	21.4	25.1	15.8	10.7	472.3	468.4	476.4	476.2	465.1
Abu Dhabi, UAE	597	473	72.0	19.8	8.2	3.9	13.5	443.8	422.6	444.9	484.9	454.5
Dubai, UAE	432	344	71.0	17.0	12.0	4.2	11.7	544.7	551.1	566.9	546.6	537.7
Sharjah, UAE	307	239	76.2	19.3	4.5	6.2	15.4	486.1	507.6	480.3	521.0	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Differences between weather and climate change and geographic factors affecting climate
Location: TQS-22Dh (BTBS22DH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	19.7	17.5	62.8	4.2	35.0	521.6	501.7	533.0	513.7	512.0
Austria	889	475	50.4	13.1	36.5	35.9	10.7	508.6	511.7	520.0	513.8	497.8
Azerbaijan	1140	450	46.5	45.9	7.6	43.1	14.1	405.0	409.4	410.9	414.1	414.9
Bahrain	223	203	37.2	48.6	14.2	7.0	0.0	464.6	433.3	473.4	467.7	.
Brazil	916	873	52.1	33.5	14.4	1.3	4.2	425.9	414.3	408.7	381.6	441.0
Chile	168	144	76.6	9.8	13.6	1.9	11.0	449.8	467.1	477.4	498.4	447.5
Chinese Taipei	239	228	3.6	5.6	90.7	5.2	0.0	564.7	558.1	571.0	604.5	.
Cote d'Ivoire	372	105	10.7	5.7	83.6	17.8	51.6	136.4	147.3	164.4	220.8	183.4
Cyprus	775	342	35.6	35.3	29.1	40.0	13.2	463.2	470.2	482.4	453.7	471.4
Czech Republic	1348	664	77.6	13.5	8.9	42.6	6.4	519.3	523.6	538.7	533.6	528.7
England	262	110	24.9	7.0	68.1	4.3	39.8	539.4	524.5	527.7	561.0	529.5
Finland	1239	623	61.1	18.9	20.0	40.7	2.9	532.7	511.9	538.0	532.3	523.3
France	379	169	69.1	23.6	7.4	43.5	11.9	488.0	489.8	443.5	491.0	472.4
Georgia	936	398	69.9	22.6	7.5	57.6	0.1	448.8	449.8	444.4	447.0	497.7
Hong Kong SAR	185	114	15.0	13.0	72.0	1.9	34.9	528.7	540.3	532.2	508.7	519.7
Hungary	1086	433	79.3	16.5	4.3	44.2	15.8	511.3	521.3	567.8	528.3	518.9
Iran, Islamic Rep. of	224	218	33.5	25.5	40.9	2.8	0.0	418.6	398.9	429.7	449.5	.
Ireland	440	378	8.0	20.3	71.7	4.8	11.5	531.6	521.1	529.3	541.4	520.0
Israel	265	218	13.3	16.1	70.6	8.5	6.8	476.5	466.5	486.8	472.2	472.1
Italy	236	227	49.8	15.9	34.3	0.6	2.9	496.8	493.2	509.4	558.4	491.0
Japan	147	142	2.0	86.1	11.9	1.0	1.7	551.5	558.7	547.8	529.6	559.5
Jordan	225	216	56.3	28.5	15.2	3.8	0.0	414.2	407.3	424.5	386.0	.
Kazakhstan	1209	814	51.8	43.8	4.4	30.1	1.4	435.1	449.4	455.5	444.6	422.9
Korea, Rep. of	243	235	13.6	13.8	72.6	0.9	2.8	540.0	553.0	545.3	549.3	535.1
Kuwait	157	149	54.2	11.7	34.1	3.0	1.1	417.1	424.1	426.1	395.4	372.6
Lithuania	1096	419	52.6	26.3	21.2	48.6	12.4	512.2	524.9	522.0	520.4	520.1
Malaysia	313	310	32.3	21.7	46.1	0.8	0.0	419.4	431.2	428.2	472.5	.
Malta	466	196	12.8	11.6	75.5	38.7	17.0	513.1	530.0	493.5	511.8	479.1
Morocco	511	376	28.5	13.0	58.5	23.0	2.2	328.2	323.1	323.3	332.5	346.5
New Zealand	211	131	8.4	22.1	69.4	3.0	39.3	514.4	502.4	497.6	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	68.3	8.0	23.6	3.7	0.9	456.0	454.0	451.2	479.3	472.5
Palestinian Nat'l Auth.	199	182	53.0	31.3	15.7	5.3	2.9	392.6	391.5	406.5	375.5	374.9
Portugal	521	392	16.7	17.3	66.1	19.6	5.1	505.1	507.9	504.7	508.1	499.9
Qatar	242	225	47.8	18.9	33.2	2.1	1.8	471.0	495.6	480.1	591.7	485.4
Romania	429	156	31.4	15.7	52.9	38.1	25.3	478.3	452.4	470.4	472.1	451.5
Saudi Arabia	214	184	75.8	13.7	10.5	8.2	5.0	423.2	409.3	407.5	416.8	413.4
Singapore	345	341	3.4	5.5	91.1	1.1	0.0	548.9	641.7	605.7	644.3	.
South Africa (9)	288	203	20.1	13.4	66.5	5.1	29.4	398.7	390.5	351.3	351.7	355.8
Sweden	814	542	49.3	17.9	32.8	18.1	14.3	521.3	527.9	524.6	520.7	511.8
Turkiye	189	188	5.3	93.3	1.4	0.6	0.0	507.3	529.6	630.8	478.5	.
United Arab Emirates	1614	1299	66.2	21.2	12.7	4.2	12.8	479.0	491.4	489.2	514.8	498.5
United States	672	548	59.7	30.9	9.3	1.7	10.5	516.5	517.2	511.6	447.6	506.1
Uzbekistan	668	549	79.8	16.1	4.2	15.8	1.4	396.9	393.2	406.2	391.2	387.5
International Avg. (43)	23553	14918	40.1	23.0	36.9	15.9	10.7	469.1	471.2	476.6	476.1	465.1
Abu Dhabi, UAE	597	474	63.4	21.0	15.5	3.9	13.5	437.0	432.6	461.7	481.7	454.5
Dubai, UAE	432	345	63.4	23.4	13.2	4.0	11.7	547.7	554.3	539.9	551.6	537.7
Sharjah, UAE	307	241	69.4	21.1	9.5	5.5	15.4	478.6	521.4	500.5	529.2	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Evidence for climate change
Location: TQS-22Di (BTBS22DI)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	14.0	15.1	70.8	4.2	35.0	520.0	499.1	531.9	513.7	512.0
Austria	889	474	37.7	24.6	37.8	35.9	10.7	516.2	502.7	517.0	513.8	497.8
Azerbaijan	1140	455	32.4	40.5	27.0	42.7	14.1	399.5	414.2	406.1	414.4	414.9
Bahrain	223	197	37.5	41.9	20.6	8.4	0.0	450.5	445.7	455.5	477.3	.
Brazil	916	870	47.1	39.4	13.5	1.8	4.2	426.7	411.6	419.5	379.6	441.0
Chile	168	144	68.0	12.3	19.7	1.9	11.0	450.0	469.1	464.7	498.4	447.5
Chinese Taipei	239	228	5.4	7.5	87.1	5.2	0.0	552.7	555.9	572.3	604.5	.
Cote d'Ivoire	372	103	15.5	2.5	81.9	18.0	51.6	140.2	155.7	164.8	219.6	183.4
Cyprus	775	340	24.5	40.5	35.0	40.3	13.2	457.5	473.6	478.4	453.8	471.4
Czech Republic	1348	664	56.3	15.6	28.1	42.5	6.4	521.8	520.0	522.2	533.5	528.7
England	262	110	33.0	15.6	51.4	4.3	39.8	521.1	527.8	537.1	561.0	529.5
Finland	1239	626	51.9	23.2	25.0	40.6	2.9	532.4	522.3	531.6	532.3	523.3
France	379	169	28.8	26.3	44.9	43.5	11.9	492.0	487.8	479.3	491.0	472.4
Georgia	936	400	56.3	27.2	16.5	57.3	0.1	450.9	444.3	446.6	447.2	497.7
Hong Kong SAR	185	114	18.4	32.4	49.2	1.9	34.9	541.4	545.4	521.1	508.7	519.7
Hungary	1086	434	62.7	22.9	14.5	44.0	15.8	514.3	506.6	532.4	528.5	518.9
Iran, Islamic Rep. of	224	217	25.0	26.7	48.3	3.4	0.0	410.5	411.0	425.8	446.4	.
Ireland	440	382	10.7	35.9	53.4	3.6	11.5	516.1	526.5	531.2	544.7	520.0
Israel	265	218	13.9	21.4	64.7	8.5	6.8	473.4	479.7	485.2	470.6	472.1
Italy	236	227	40.6	27.4	32.1	0.6	2.9	498.0	496.8	507.1	558.4	491.0
Japan	147	142	3.2	67.1	29.7	1.0	1.7	560.9	558.2	554.6	529.6	559.5
Jordan	225	215	46.3	25.4	28.3	4.7	0.0	412.5	410.3	420.9	380.3	.
Kazakhstan	1209	816	49.0	44.4	6.6	29.8	1.4	433.9	448.5	462.7	444.6	422.9
Korea, Rep. of	243	234	14.0	15.2	70.8	1.6	2.8	540.5	553.9	545.0	545.5	535.1
Kuwait	157	151	52.3	12.4	35.3	2.1	1.1	413.6	430.0	425.8	433.8	372.6
Lithuania	1096	416	51.4	25.1	23.4	48.9	12.4	517.4	519.7	516.0	520.4	520.1
Malaysia	313	311	33.5	19.8	46.7	0.6	0.0	419.5	425.3	431.3	470.7	.
Malta	466	196	20.9	17.9	61.2	38.7	17.0	512.1	514.8	492.0	511.8	479.1
Morocco	511	372	24.2	16.1	59.7	23.8	2.2	330.1	336.9	319.0	332.6	346.5
New Zealand	211	131	9.7	24.8	65.5	3.0	39.3	511.6	493.2	500.9	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	67.0	8.2	24.8	3.7	0.9	458.3	456.4	448.5	452.2	472.5
Palestinian Nat'l Auth.	199	182	46.8	27.1	26.1	5.3	2.9	395.3	391.9	395.6	375.5	374.9
Portugal	521	397	7.3	53.0	39.7	18.5	5.1	504.9	505.9	505.7	506.3	499.9
Qatar	242	225	40.3	26.7	33.0	2.1	1.8	465.0	497.0	480.6	591.7	485.4
Romania	429	157	27.9	23.6	48.5	37.8	25.3	481.5	460.7	469.1	471.6	451.5
Saudi Arabia	214	181	65.1	17.6	17.3	9.5	5.0	421.9	414.0	416.2	418.8	413.4
Singapore	345	341	10.6	30.4	58.9	1.1	0.0	579.9	617.4	604.4	644.3	.
South Africa (9)	288	204	17.6	18.9	63.5	5.0	29.4	383.4	412.4	347.5	351.1	355.8
Sweden	814	543	31.0	32.1	36.9	17.9	14.3	524.1	523.2	524.0	519.9	511.8
Turkiye	189	187	7.9	90.3	1.8	1.1	0.0	520.2	528.6	629.9	501.4	.
United Arab Emirates	1614	1294	56.9	27.5	15.6	4.8	12.8	480.2	485.0	494.1	498.5	498.5
United States	672	550	47.5	34.7	17.8	1.3	10.5	519.6	515.7	505.1	469.9	506.1
Uzbekistan	668	548	71.3	18.9	9.8	15.9	1.4	395.9	395.0	404.7	391.6	387.5
International Avg. (43)	23553	14913	34.4	27.4	38.2	16.0	10.7	469.0	471.9	475.0	476.9	465.1
Abu Dhabi, UAE	597	472	55.4	27.9	16.7	4.5	13.5	439.4	434.3	450.8	476.7	454.5
Dubai, UAE	432	342	55.4	30.0	14.6	5.0	11.7	547.9	556.8	546.4	515.6	537.7
Sharjah, UAE	307	240	56.1	24.4	19.4	5.9	15.4	483.1	486.7	518.8	510.4	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Use and conservation of Earth's resources, including land, water, and renewable and nonrenewable energy sources
Location: TQS-22Dj (BTBS22DJ)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	30.4	41.8	27.7	4.2	35.0	526.2	517.4	536.1	513.7	512.0
Austria	889	477	34.3	31.6	34.1	35.7	10.7	517.9	507.3	514.3	513.6	497.8
Azerbaijan	1140	452	30.7	57.1	12.2	43.1	14.1	396.0	412.3	414.3	414.0	414.9
Bahrain	223	203	64.2	25.6	10.2	6.1	0.0	449.6	452.5	443.6	484.3	.
Brazil	916	871	38.0	52.3	9.7	1.6	4.2	419.8	420.8	410.6	396.3	441.0
Chile	168	144	78.9	10.7	10.4	1.9	11.0	452.7	466.5	462.4	498.4	447.5
Chinese Taipei	239	228	6.5	5.7	87.9	5.2	0.0	558.7	572.1	570.8	604.5	.
Cote d'Ivoire	372	104	6.7	5.4	88.0	18.1	51.6	192.6	174.6	156.1	221.6	183.4
Cyprus	775	340	17.8	42.5	39.8	40.2	13.2	473.7	461.1	480.8	453.9	471.4
Czech Republic	1348	664	52.7	15.6	31.8	42.6	6.4	521.5	517.7	523.7	533.6	528.7
England	262	110	34.4	23.1	42.5	4.3	39.8	511.9	539.8	540.3	561.0	529.5
Finland	1239	625	30.8	43.0	26.2	40.5	2.9	530.5	526.5	534.9	532.2	523.3
France	379	168	25.0	20.6	54.4	43.8	11.9	488.1	487.4	481.2	491.9	472.4
Georgia	936	395	59.2	23.7	17.1	57.8	0.1	449.2	451.6	441.4	447.2	497.7
Hong Kong SAR	185	113	48.3	18.9	32.7	2.7	34.9	531.9	514.1	542.6	531.4	519.7
Hungary	1086	438	62.8	30.5	6.7	43.5	15.8	514.0	508.1	560.3	528.6	518.9
Iran, Islamic Rep. of	224	219	63.8	30.1	6.1	2.1	0.0	420.8	410.6	421.6	475.8	.
Ireland	440	381	14.4	48.8	36.8	3.9	11.5	523.3	528.4	528.4	548.3	520.0
Israel	265	219	22.4	20.0	57.6	8.2	6.8	487.1	478.9	481.4	471.9	472.1
Italy	236	226	35.0	37.5	27.6	1.2	2.9	502.9	495.9	503.3	546.7	491.0
Japan	147	142	1.4	7.6	91.0	1.0	1.7	535.8	561.6	557.2	529.6	559.5
Jordan	225	218	56.6	31.2	12.3	3.4	0.0	416.5	407.7	413.3	395.1	.
Kazakhstan	1209	815	47.3	46.4	6.3	29.9	1.4	438.3	445.4	452.3	444.1	422.9
Korea, Rep. of	243	234	13.1	24.5	62.4	1.6	2.8	543.5	555.5	542.3	545.8	535.1
Kuwait	157	149	57.4	20.3	22.3	3.4	1.1	409.0	473.3	403.6	402.9	372.6
Lithuania	1096	417	49.6	25.0	25.3	48.8	12.4	517.3	520.3	517.7	520.0	520.1
Malaysia	313	311	33.8	29.9	36.3	0.6	0.0	430.4	423.8	424.2	470.7	.
Malta	466	196	15.6	22.6	61.8	38.7	17.0	517.4	515.2	490.5	511.8	479.1
Morocco	511	380	52.2	11.3	36.5	22.2	2.2	327.1	330.0	319.4	332.9	346.5
New Zealand	211	131	7.9	30.5	61.6	3.0	39.3	516.1	495.9	500.1	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	271	72.6	12.6	14.8	3.7	0.9	455.1	468.0	445.8	461.9	472.5
Palestinian Nat'l Auth.	199	182	72.8	11.9	15.3	5.3	2.9	393.9	390.3	400.4	375.5	374.9
Portugal	521	398	18.0	36.3	45.7	18.3	5.1	514.4	502.9	505.1	505.4	499.9
Qatar	242	224	50.4	25.6	24.0	3.0	1.8	469.0	494.6	481.7	557.4	485.4
Romania	429	158	30.8	24.9	44.2	37.5	25.3	484.3	458.2	468.4	471.4	451.5
Saudi Arabia	214	185	33.8	64.0	2.2	7.0	5.0	425.4	415.9	429.7	419.0	413.4
Singapore	345	341	13.4	49.1	37.5	1.1	0.0	603.4	603.1	610.1	644.3	.
South Africa (9)	288	201	23.7	30.2	46.1	5.4	29.4	362.1	398.4	347.5	349.5	355.8
Sweden	814	536	22.3	35.4	42.3	18.6	14.3	525.2	526.5	520.1	521.1	511.8
Turkiye	189	188	65.7	29.9	4.4	0.6	0.0	532.4	520.0	559.2	478.5	.
United Arab Emirates	1614	1301	61.5	29.5	9.0	4.3	12.8	482.4	482.8	486.4	515.0	498.5
United States	672	546	51.5	36.6	11.9	1.8	10.5	521.3	510.4	511.8	460.2	506.1
Uzbekistan	668	549	62.3	27.2	10.5	15.9	1.4	396.2	395.9	402.1	390.7	387.5
International Avg. (43)	23553	14928	38.8	29.0	32.2	15.9	10.7	471.7	473.0	473.0	477.2	465.1
Abu Dhabi, UAE	597	475	54.7	34.9	10.4	3.7	13.5	449.1	422.7	447.9	486.8	454.5
Dubai, UAE	432	344	60.1	32.4	7.4	4.3	11.7	543.8	555.0	557.3	546.8	537.7
Sharjah, UAE	307	242	64.8	24.7	10.5	5.9	15.4	479.5	510.4	506.0	523.8	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: Phenomena caused by the motion of Earth and the Moon (e.g., seasons, tides, Moon phases)
Location: TQS-22Dk (BTBS22DK)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	478	71.9	15.7	12.4	4.2	35.0	528.2	502.2	537.6	513.7	512.0
Austria	889	477	49.1	15.2	35.6	35.7	10.7	510.9	507.8	519.1	513.6	497.8
Azerbaijan	1140	458	57.8	30.0	12.2	42.3	14.1	406.2	408.9	408.7	414.3	414.9
Bahrain	223	204	26.3	66.6	7.1	6.0	0.0	469.0	438.3	486.6	483.7	.
Brazil	916	877	35.5	42.0	22.4	1.2	4.2	415.1	420.7	424.5	378.0	441.0
Chile	168	144	73.5	5.3	21.2	1.9	11.0	451.8	465.5	464.4	498.4	447.5
Chinese Taipei	239	228	2.3	3.8	93.8	5.2	0.0	570.3	574.9	569.8	604.5	.
Cote d'Ivoire	372	104	4.1	19.6	76.3	18.1	51.6	179.2	143.2	162.8	221.3	183.4
Cyprus	775	342	42.6	19.4	38.0	40.0	13.2	466.4	470.8	476.8	453.7	471.4
Czech Republic	1348	666	83.6	8.5	7.9	42.4	6.4	519.8	519.5	544.3	533.5	528.7
England	262	110	67.5	4.2	28.3	4.3	39.8	527.2	538.9	536.7	561.0	529.5
Finland	1239	628	75.8	11.9	12.3	40.1	2.9	531.0	515.9	537.3	532.1	523.3
France	379	170	60.2	6.0	33.8	43.4	11.9	486.8	491.8	480.4	491.3	472.4
Georgia	936	402	75.4	16.6	8.0	57.1	0.1	449.4	444.4	447.4	447.2	497.7
Hong Kong SAR	185	114	8.4	6.4	85.2	1.9	34.9	549.1	559.8	529.0	508.7	519.7
Hungary	1086	438	70.5	18.9	10.6	43.6	15.8	513.4	505.8	547.9	528.2	518.9
Iran, Islamic Rep. of	224	220	52.3	33.6	14.0	1.6	0.0	418.9	409.3	435.3	480.4	.
Ireland	440	382	21.3	43.8	35.0	3.8	11.5	529.4	522.1	535.2	536.3	520.0
Israel	265	217	12.9	15.2	71.8	8.6	6.8	476.5	462.7	487.0	474.6	472.1
Italy	236	227	4.9	61.9	33.2	0.6	2.9	521.0	498.8	500.9	558.4	491.0
Japan	147	142	0.7	1.9	97.5	1.0	1.7	586.6	527.3	557.6	529.6	559.5
Jordan	225	217	65.5	15.7	18.8	4.0	0.0	412.3	408.5	422.5	392.0	.
Kazakhstan	1209	815	61.7	32.7	5.6	30.0	1.4	441.2	444.2	446.0	444.2	422.9
Korea, Rep. of	243	235	2.7	89.4	7.9	0.9	2.8	554.0	546.1	538.0	549.3	535.1
Kuwait	157	151	81.1	8.6	10.3	2.1	1.1	415.2	433.4	447.8	425.3	372.6
Lithuania	1096	420	67.0	12.3	20.7	48.5	12.4	519.4	519.7	510.8	520.4	520.1
Malaysia	313	311	26.6	23.4	50.0	0.6	0.0	430.3	427.7	423.2	470.7	.
Malta	466	199	18.2	25.5	56.4	37.9	17.0	511.5	499.1	498.5	511.2	479.1
Morocco	511	377	24.0	26.8	49.2	22.6	2.2	334.5	333.7	313.5	335.1	346.5
New Zealand	211	131	7.7	59.4	32.9	3.0	39.3	528.1	499.0	495.4	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	79.3	7.7	12.9	3.8	0.9	456.0	457.5	445.1	478.7	472.5
Palestinian Nat'l Auth.	199	182	45.6	44.6	9.8	5.3	2.9	395.1	396.0	384.1	375.5	374.9
Portugal	521	397	51.0	7.7	41.3	18.6	5.1	505.2	505.3	505.6	508.0	499.9
Qatar	242	225	41.6	41.9	16.5	1.7	1.8	494.6	461.9	484.7	584.4	485.4
Romania	429	155	34.0	18.6	47.3	38.4	25.3	476.1	456.7	471.1	472.0	451.5
Saudi Arabia	214	185	76.3	17.3	6.4	7.4	5.0	423.3	412.0	393.6	419.6	413.4
Singapore	345	341	7.1	4.9	88.0	1.1	0.0	630.0	601.2	604.0	644.3	.
South Africa (9)	288	204	27.4	14.5	58.1	5.2	29.4	379.1	399.2	352.3	346.6	355.8
Sweden	814	539	53.3	7.3	39.4	18.4	14.3	523.1	519.8	525.6	519.9	511.8
Turkiye	189	188	65.6	31.9	2.5	0.6	0.0	534.6	514.7	598.0	478.5	.
United Arab Emirates	1614	1302	59.5	28.8	11.7	4.0	12.8	493.0	462.0	482.9	518.3	498.5
United States	672	549	48.5	45.0	6.5	1.3	10.5	515.9	514.2	523.4	470.5	506.1
Uzbekistan	668	549	75.3	14.4	10.3	15.9	1.4	396.7	390.6	405.0	391.1	387.5
International Avg. (43)	23553	14970	44.6	23.8	31.6	15.7	10.7	476.2	468.2	475.8	478.3	465.1
Abu Dhabi, UAE	597	473	42.8	42.5	14.7	3.8	13.5	480.2	401.6	432.7	484.5	454.5
Dubai, UAE	432	345	60.2	27.3	12.4	4.0	11.7	544.8	550.1	560.7	551.6	537.7
Sharjah, UAE	307	242	71.2	19.7	9.0	5.3	15.4	483.3	512.2	493.5	527.5	533.2

Question: When students in this class have been taught each of the following science topics. Earth Science: The Sun as a star and physical features of the Earth, Moon, and other planets
Location: TQS-22D1 (BTBS22DL)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	477	63.2	15.6	21.1	4.6	35.0	530.3	500.9	527.8	515.9	512.0
Austria	889	477	40.9	11.1	48.0	35.7	10.7	508.6	508.5	518.4	513.6	497.8
Azerbaijan	1140	452	64.8	20.2	15.0	42.9	14.1	406.0	408.3	412.4	414.2	414.9
Bahrain	223	205	29.5	63.9	6.6	5.9	0.0	464.6	439.8	483.4	481.0	.
Brazil	916	875	38.3	36.1	25.7	1.3	4.2	418.1	418.5	421.9	405.5	441.0
Chile	168	144	63.1	6.1	30.8	1.9	11.0	449.0	480.0	463.0	498.4	447.5
Chinese Taipei	239	227	3.0	3.5	93.5	5.2	0.0	563.5	567.5	570.4	603.8	.
Cote d'Ivoire	372	104	1.8	7.2	91.0	18.2	51.6	144.0	150.9	161.9	218.9	183.4
Cyprus	775	342	46.4	17.7	35.8	40.0	13.2	464.6	462.1	484.4	453.7	471.4
Czech Republic	1348	666	79.2	7.6	13.2	42.4	6.4	520.9	516.2	530.0	533.5	528.7
England	262	110	70.9	5.0	24.1	4.3	39.8	525.3	543.7	542.5	561.0	529.5
Finland	1239	634	76.0	6.5	17.5	40.0	2.9	529.8	519.7	534.7	532.1	523.3
France	379	171	80.6	7.5	11.9	43.1	11.9	483.8	500.3	483.5	491.2	472.4
Georgia	936	398	73.9	12.6	13.5	57.6	0.1	449.4	443.4	448.5	447.1	497.7
Hong Kong SAR	185	114	7.4	5.7	86.9	1.9	34.9	545.8	596.7	527.4	508.7	519.7
Hungary	1086	442	61.1	22.0	16.9	43.2	15.8	515.9	497.8	537.3	528.4	518.9
Iran, Islamic Rep. of	224	218	14.6	25.9	59.5	2.4	0.0	431.4	401.6	421.5	467.7	.
Ireland	440	381	46.1	36.9	17.0	3.9	11.5	535.3	516.0	532.4	547.9	520.0
Israel	265	219	15.4	11.2	73.5	8.2	6.8	485.3	445.7	487.4	469.7	472.1
Italy	236	227	2.9	63.6	33.5	0.6	2.9	520.7	499.7	500.5	558.4	491.0
Japan	147	142	0.7	1.9	97.5	1.0	1.7	586.6	527.3	557.6	529.6	559.5
Jordan	225	216	56.6	19.5	23.9	4.6	0.0	410.3	414.5	422.1	388.2	.
Kazakhstan	1209	817	60.9	28.0	11.0	29.8	1.4	437.5	447.6	456.3	444.2	422.9
Korea, Rep. of	243	234	2.1	92.8	5.1	1.1	2.8	540.7	546.2	539.2	546.1	535.1
Kuwait	157	151	77.0	6.3	16.7	2.1	1.1	414.6	480.6	422.6	425.3	372.6
Lithuania	1096	420	59.8	10.2	30.0	48.5	12.4	520.4	524.1	509.7	520.5	520.1
Malaysia	313	311	12.0	33.5	54.5	0.6	0.0	426.0	431.3	423.0	470.7	.
Malta	466	199	18.7	26.8	54.4	37.9	17.0	509.5	499.6	498.8	511.2	479.1
Morocco	511	379	18.2	19.8	62.0	22.2	2.2	339.5	329.9	318.4	333.2	346.5
New Zealand	211	131	5.3	66.9	27.9	3.0	39.3	504.5	500.7	497.7	447.9	508.4
Norway (9)	310	0	.	.	.	.	.	.	.	.	.	.
Oman	284	270	68.2	10.2	21.5	4.0	0.9	458.7	466.0	437.5	473.2	472.5
Palestinian Nat'l Auth.	199	181	25.3	63.0	11.7	6.0	2.9	385.8	398.9	391.6	372.9	374.9
Portugal	521	397	51.0	14.0	35.1	18.6	5.1	508.1	501.3	503.0	508.0	499.9
Qatar	242	226	34.9	44.2	20.9	1.5	1.8	484.5	476.8	476.4	585.7	485.4
Romania	429	156	28.4	17.2	54.4	38.1	25.3	478.4	453.8	470.9	472.1	451.5
Saudi Arabia	214	186	82.1	11.4	6.6	6.9	5.0	423.2	410.3	389.8	418.1	413.4
Singapore	345	341	6.1	1.5	92.5	1.1	0.0	586.3	616.8	606.8	644.3	.
South Africa (9)	288	205	38.0	14.2	47.9	4.9	29.4	374.3	408.5	347.1	350.3	355.8
Sweden	814	544	38.4	6.0	55.6	17.8	14.3	533.0	518.2	517.9	520.2	511.8
Turkiye	189	188	92.3	6.9	0.8	0.6	0.0	531.0	497.5	675.8	478.5	.
United Arab Emirates	1614	1305	56.1	31.3	12.6	4.0	12.8	488.3	471.7	487.1	516.3	498.5
United States	672	550	49.8	41.1	9.1	1.3	10.5	517.6	511.7	522.8	469.9	506.1
Uzbekistan	668	550	69.4	12.0	18.7	15.7	1.4	398.1	383.2	400.0	391.2	387.5
International Avg. (43)	23553	14982	42.6	22.4	35.0	15.7	10.7	473.2	470.6	475.8	478.3	465.1
Abu Dhabi, UAE	597	475	42.0	43.8	14.2	3.7	13.5	465.8	411.2	450.9	486.8	454.5
Dubai, UAE	432	346	55.5	30.1	14.4	4.0	11.7	548.5	549.9	543.8	551.0	537.7
Sharjah, UAE	307	243	64.0	26.5	9.5	5.2	15.4	477.3	518.9	494.8	527.8	533.2

Question: How often do you usually assign science homework to the students in this class?
Location: TQS-23A (BTBS23A)

Country	Sample	Valid N	1.No scienc e homewo rk %	2.Less than once a week %	3.1-2 times a week %	4.3-4 times a week %	5.Ever y day %	Omitte d %	Not Admini stered %	1.No scienc e homewo rk Mean	2.Less than once a week Mean	3.1-2 times a week Mean	4.3-4 times a week Mean	5.Ever y day Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	485	16.0	48.5	33.3	0.8	1.4	3.8	35.0	499.3	529.1	531.5	557.7	527.4	511.1	512.0
Austria	889	781	56.8	39.6	3.6	0.1	0.0	1.8	10.7	517.8	512.3	478.6	495.5	.	477.3	497.8
Azerbaijan	1140	916	3.6	12.1	66.4	4.0	13.9	3.4	14.1	419.5	412.9	410.7	418.5	407.6	400.6	414.9
Bahrain	223	217	32.4	24.2	32.6	8.0	2.9	3.1	0.0	423.9	451.4	463.6	488.2	515.8	468.9	.
Brazil	916	879	9.7	27.6	53.2	3.1	6.4	1.5	4.2	404.3	419.8	422.0	383.7	434.5	403.8	441.0
Chile	168	146	57.2	34.9	6.2	1.7	0.0	1.3	11.0	460.7	453.0	425.2	429.9	.	513.2	447.5
Chinese Taipei	239	230	14.6	25.3	47.3	9.8	3.0	4.4	0.0	557.0	560.9	577.4	596.2	584.8	561.6	.
Cote d'Ivoire	372	178	8.5	47.3	40.1	0.0	4.0	0.8	51.6	160.2	185.8	189.6	.	147.6	127.3	183.4
Cyprus	775	663	3.3	32.9	54.7	1.2	7.8	0.8	13.2	492.0	454.2	467.5	479.1	455.2	470.1	471.4
Czech Republic	1348	1246	30.7	64.7	4.5	0.0	0.1	0.9	6.4	521.1	528.8	537.3	.	532.6	552.3	528.7
England	262	112	6.4	38.4	52.8	2.5	0.0	3.8	39.8	570.8	529.8	527.3	464.5	.	579.0	529.5
Finland	1239	1177	2.1	18.7	72.3	4.1	2.7	1.3	2.9	490.4	528.6	531.9	533.8	545.6	530.7	523.3
France	379	326	14.3	51.8	29.5	0.4	4.0	0.7	11.9	473.2	487.5	496.4	551.1	479.7	498.3	472.4
Georgia	936	913	0.6	9.8	67.7	4.0	17.9	2.0	0.1	449.3	452.6	447.1	443.1	446.9	442.3	497.7
Hong Kong SAR	185	116	1.4	25.5	65.6	6.5	0.9	0.9	34.9	628.6	563.4	516.4	552.3	614.7	443.5	519.7
Hungary	1086	887	6.5	29.4	57.2	3.6	3.4	1.1	15.8	508.9	522.4	525.3	507.8	511.6	511.5	518.9
Iran, Islamic Rep. of	224	224	17.7	29.2	46.0	4.2	2.9	0.0	0.0	416.0	421.1	418.6	449.0	379.7	.	.
Ireland	440	388	2.5	20.6	60.5	6.1	10.2	0.4	11.5	491.4	540.6	526.8	529.9	526.8	446.3	520.0
Israel	265	240	18.0	39.7	32.2	8.7	1.4	2.4	6.8	482.9	490.3	481.9	453.5	462.8	429.1	472.1
Italy	236	228	1.6	21.2	74.0	0.9	2.3	0.3	2.9	506.7	503.4	499.6	472.9	518.3	587.4	491.0
Japan	147	143	29.6	52.1	13.6	4.1	0.6	0.4	1.7	557.1	555.3	565.2	554.8	544.2	522.7	559.5
Jordan	225	219	0.4	9.7	57.9	24.7	7.4	2.1	0.0	385.4	440.8	407.2	412.8	430.0	380.2	.
Kazakhstan	1209	1158	1.8	7.3	62.1	2.7	26.1	2.5	1.4	420.1	446.4	444.1	446.4	439.6	451.8	422.9
Korea, Rep. of	243	236	48.5	41.4	7.4	1.2	1.5	0.3	2.8	549.1	542.3	539.6	549.0	551.2	572.2	535.1
Kuwait	157	152	6.2	20.8	43.1	18.7	11.2	2.1	1.1	403.1	429.3	422.5	408.1	437.4	353.4	372.6
Lithuania	1096	923	7.8	38.3	49.9	0.6	3.5	1.3	12.4	520.9	517.0	521.5	511.2	503.6	527.6	520.1
Malaysia	313	313	1.2	8.8	66.5	17.1	6.4	0.0	0.0	363.0	402.6	426.6	442.8	425.2	.	.
Malta	466	362	2.3	49.7	46.6	0.9	0.5	2.2	17.0	449.2	500.2	516.5	472.7	519.7	475.9	479.1
Morocco	511	483	5.3	52.6	39.2	0.9	1.9	1.4	2.2	309.8	322.6	333.2	349.2	336.2	322.4	346.5
New Zealand	211	131	48.9	32.9	12.0	4.5	1.6	2.0	39.3	481.0	513.5	520.9	500.4	631.7	429.4	508.4
Norway (9)	310	227	17.2	52.6	29.4	0.0	0.8	1.7	23.2	493.2	485.5	500.2	.	490.7	499.4	478.4
Oman	284	277	2.2	18.2	47.4	26.4	5.9	1.5	0.9	488.1	451.1	461.4	445.3	462.1	434.0	472.5
Palestinian Nat'l Auth.	199	186	0.0	3.6	41.9	27.5	26.9	3.0	2.9	.	361.8	381.7	404.4	403.9	398.3	374.9
Portugal	521	486	17.1	59.6	22.4	0.4	0.6	1.5	5.1	502.1	505.4	508.1	505.6	497.5	537.3	499.9
Qatar	242	230	2.3	13.9	65.4	14.7	3.7	1.6	1.8	496.6	519.3	475.9	459.5	489.6	515.7	485.4
Romania	429	301	17.2	53.3	27.1	1.9	0.6	4.1	25.3	472.5	467.7	475.9	457.5	482.3	478.7	451.5
Saudi Arabia	214	189	0.6	6.3	47.9	31.9	13.3	5.9	5.0	526.3	415.4	403.0	429.8	448.7	424.4	413.4
Singapore	345	345	3.2	24.5	68.2	3.9	0.1	0.0	0.0	469.1	573.3	625.1	594.1	635.2	.	.
South Africa (9)	288	214	2.7	8.2	43.5	35.6	10.0	1.1	29.4	352.7	406.2	361.6	360.4	368.2	352.9	355.8
Sweden	814	679	43.4	46.5	9.8	0.2	0.0	1.5	14.3	527.2	517.0	531.4	526.8	.	527.3	511.8
Turkiye	189	189	2.3	30.5	62.2	4.6	0.4	0.0	0.0	498.3	523.4	536.4	496.6	489.6	.	.
United Arab Emirates	1614	1349	4.0	20.5	55.9	12.9	6.6	1.3	12.8	492.3	484.7	489.3	464.5	472.6	505.6	498.5
United States	672	548	33.9	28.0	27.6	8.6	1.9	1.9	10.5	502.2	524.9	509.8	548.1	563.3	480.7	506.1
Uzbekistan	668	650	2.1	3.9	62.2	9.1	22.7	1.7	1.4	397.1	395.5	396.4	400.3	392.7	390.8	387.5
International Avg. (44)	23553	20342	13.7	30.1	43.4	7.3	5.4	1.7	11.0	468.2	473.8	473.4	477.0	477.7	463.4	465.4
Abu Dhabi, UAE	597	490	6.0	24.1	50.6	13.9	5.5	1.1	13.5	464.0	439.3	448.8	419.3	415.2	463.2	454.5
Dubai, UAE	432	357	3.0	23.2	58.9	8.2	6.6	1.7	11.7	549.8	561.1	544.8	550.7	536.6	531.3	537.7
Sharjah, UAE	307	255	3.9	13.0	59.8	17.0	6.2	1.1	15.4	515.1	474.7	499.5	475.0	485.1	527.3	533.2

Question: How often do you do the following with the science homework assignments for this class? Correct assignments and give feedback to students
Location: TQS-23Ba (BTBS23BA)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	485	35.0	40.9	8.2	16.0	3.8	35.0	523.9	529.2	563.5	499.3	511.1	512.0
Austria	889	780	22.1	13.3	7.9	56.7	2.0	10.7	508.7	503.0	523.6	517.8	475.8	497.8
Azerbaijan	1140	896	76.7	19.1	0.5	3.7	5.1	14.1	410.4	411.6	452.2	419.5	404.8	414.9
Bahrain	223	217	61.8	5.3	0.6	32.3	3.0	0.0	466.8	457.8	332.8	423.9	455.2	.
Brazil	916	879	74.5	14.3	1.6	9.6	0.6	4.2	421.8	422.3	365.3	404.3	375.8	441.0
Chile	168	146	27.6	12.5	2.7	57.2	1.3	11.0	442.2	461.0	449.0	460.7	513.2	447.5
Chinese Taipei	239	235	41.9	40.7	3.2	14.1	1.4	0.0	575.5	574.1	567.2	557.0	558.1	.
Cote d'Ivoire	372	178	58.3	25.3	7.9	8.5	0.9	51.6	192.4	178.9	152.5	160.2	159.5	183.4
Cyprus	775	658	75.3	19.4	2.0	3.3	1.3	13.2	460.6	469.8	455.9	492.0	455.7	471.4
Czech Republic	1348	1241	43.2	18.5	7.4	30.9	1.3	6.4	526.3	531.3	542.8	521.1	542.4	528.7
England	262	112	33.1	43.8	16.6	6.4	3.8	39.8	513.7	529.4	545.3	570.8	579.0	529.5
Finland	1239	1166	11.6	42.5	43.8	2.1	2.4	2.9	525.5	531.9	532.8	490.4	538.3	523.3
France	379	326	64.8	15.8	5.0	14.3	0.7	11.9	490.3	492.3	486.3	473.2	498.3	472.4
Georgia	936	893	71.4	27.1	0.9	0.6	4.4	0.1	446.1	451.8	452.9	449.3	448.0	497.7
Hong Kong SAR	185	116	68.7	29.8	0.0	1.4	0.9	34.9	528.4	539.8	.	628.6	443.5	519.7
Hungary	1086	874	33.6	45.8	14.0	6.5	2.2	15.8	517.4	522.7	540.4	508.9	508.1	518.9
Iran, Islamic Rep. of	224	223	52.4	29.4	0.5	17.8	0.5	0.0	419.0	421.1	380.1	416.0	436.1	.
Ireland	440	383	42.6	49.5	5.3	2.5	1.4	11.5	533.7	526.2	534.4	491.4	502.0	520.0
Israel	265	237	40.4	37.7	3.7	18.2	3.4	6.8	475.2	487.1	483.1	482.9	478.8	472.1
Italy	236	228	53.0	36.9	8.6	1.6	0.3	2.9	502.1	497.3	504.9	506.7	587.4	491.0
Japan	147	143	34.3	26.0	10.1	29.6	0.4	1.7	556.0	552.4	572.7	557.1	522.7	559.5
Jordan	225	220	83.8	14.8	1.0	0.4	1.9	0.0	410.3	430.6	375.1	385.4	403.9	.
Kazakhstan	1209	1143	87.2	10.9	0.1	1.8	3.6	1.4	441.3	456.1	498.8	420.1	454.1	422.9
Korea, Rep. of	243	237	20.6	28.0	3.1	48.3	0.0	2.8	538.6	544.3	553.0	549.1	.	535.1
Kuwait	157	151	85.4	8.4	0.0	6.2	2.5	1.1	423.5	407.1	.	403.1	397.4	372.6
Lithuania	1096	916	48.1	39.8	4.4	7.7	2.1	12.4	514.7	520.9	541.9	519.5	537.2	520.1
Malaysia	313	313	69.2	29.7	0.0	1.2	0.0	0.0	423.4	435.9	.	363.0	.	.
Malta	466	357	64.8	32.5	0.4	2.3	3.7	17.0	509.5	506.9	556.1	449.2	468.1	479.1
Morocco	511	484	59.5	33.2	2.0	5.3	1.0	2.2	329.7	325.0	323.3	309.8	283.1	346.5
New Zealand	211	131	17.9	27.8	5.3	49.0	2.2	39.3	507.3	525.1	532.8	481.0	412.9	508.4
Norway (9)	310	225	15.1	40.0	27.5	17.4	2.4	23.2	482.6	492.0	493.1	493.2	501.2	478.4
Oman	284	276	82.4	15.5	0.0	2.2	2.0	0.9	456.2	450.1	.	488.1	439.2	472.5
Palestinian Nat'l Auth.	199	185	78.8	21.2	0.0	0.0	3.4	2.9	395.8	383.8	.	.	397.1	374.9
Portugal	521	486	60.9	16.3	5.8	17.1	1.5	5.1	506.4	507.7	500.9	502.1	526.2	499.9
Qatar	242	233	81.3	16.3	0.1	2.2	1.1	1.8	474.5	509.8	505.7	496.6	506.3	485.4
Romania	429	298	71.7	11.0	0.0	17.3	4.8	25.3	471.5	462.2	.	472.5	477.9	451.5
Saudi Arabia	214	191	77.9	20.1	1.4	0.6	4.7	5.0	417.5	419.5	418.9	526.3	437.3	413.4
Singapore	345	345	64.0	32.2	0.6	3.2	0.0	0.0	616.7	598.8	610.3	469.1	.	.
South Africa (9)	288	215	80.3	15.9	1.2	2.7	0.8	29.4	366.0	365.3	349.4	352.7	337.3	355.8
Sweden	814	674	29.0	21.6	5.5	43.9	2.3	14.3	522.2	514.0	518.9	527.2	541.3	511.8
Turkiye	189	189	81.8	15.9	0.0	2.3	0.0	0.0	532.1	521.0	.	498.3	.	.
United Arab Emirates	1614	1344	76.9	18.5	0.6	4.1	1.6	12.8	480.9	493.5	567.5	492.3	501.9	498.5
United States	672	549	39.1	25.2	2.1	33.7	1.3	10.5	516.2	531.9	527.1	502.2	470.7	506.1
Uzbekistan	668	642	86.5	11.1	0.3	2.1	2.9	1.4	395.9	399.0	403.3	397.1	379.5	387.5
International Avg. (44)	23553	20220	56.5	25.0	4.8	13.7	2.0	11.0	472.0	474.8	478.8	468.1	461.7	465.4
Abu Dhabi, UAE	597	490	73.1	20.9	0.0	6.0	1.2	13.5	434.6	460.8	.	464.0	437.6	454.5
Dubai, UAE	432	356	73.5	21.5	2.0	3.0	1.8	11.7	546.6	553.8	567.5	549.8	535.3	537.7
Sharjah, UAE	307	250	82.2	13.8	0.0	4.0	2.1	15.4	493.1	476.4	.	515.1	517.1	533.2

Question: How often do you do the following with the science homework assignments for this class? Have students correct their own homework
Location: TQS-23Bb (BTBS23BB)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	484	14.1	49.6	20.4	16.0	3.8	35.0	535.2	529.6	528.7	499.3	511.1	512.0
Austria	889	777	3.1	16.6	23.3	57.0	2.4	10.7	495.8	500.0	518.0	517.8	484.9	497.8
Azerbaijan	1140	894	32.4	45.1	18.8	3.7	5.5	14.1	409.7	414.0	405.8	419.5	403.8	414.9
Bahrain	223	216	18.5	40.8	8.1	32.6	3.8	0.0	462.8	466.6	466.5	423.9	448.3	.
Brazil	916	878	42.3	31.3	16.8	9.6	1.0	4.2	420.7	417.6	429.0	404.3	368.6	441.0
Chile	168	146	20.3	14.8	7.8	57.2	1.3	11.0	447.7	450.1	445.4	460.7	513.2	447.5
Chinese Taipei	239	236	44.1	38.1	3.7	14.1	0.8	0.0	579.6	569.1	564.8	557.0	566.0	.
Cote d'Ivoire	372	178	48.8	30.8	11.9	8.5	0.9	51.6	188.2	186.4	168.8	160.2	167.0	183.4
Cyprus	775	656	23.1	41.6	32.0	3.3	1.5	13.2	475.6	463.7	451.3	492.0	450.5	471.4
Czech Republic	1348	1232	5.4	35.8	27.7	31.1	2.1	6.4	531.6	528.4	530.0	521.1	540.9	528.7
England	262	112	32.3	48.5	12.8	6.4	3.8	39.8	535.9	524.7	510.7	570.8	579.0	529.5
Finland	1239	1167	56.5	28.5	12.8	2.1	2.3	2.9	533.7	529.6	527.4	490.4	533.4	523.3
France	379	323	20.3	37.6	27.5	14.5	1.8	11.9	487.9	488.9	494.2	473.2	496.6	472.4
Georgia	936	881	29.1	60.4	9.9	0.6	5.5	0.1	449.3	445.9	453.3	449.3	448.6	497.7
Hong Kong SAR	185	116	24.9	44.5	29.2	1.4	0.9	34.9	525.8	550.0	509.5	628.6	443.5	519.7
Hungary	1086	874	44.5	29.1	19.8	6.5	2.1	15.8	522.0	520.2	531.6	508.9	507.0	518.9
Iran, Islamic Rep. of	224	223	8.0	45.4	28.8	17.8	0.5	0.0	429.9	417.8	419.5	416.0	436.1	.
Ireland	440	383	31.2	55.8	10.5	2.5	1.3	11.5	532.1	527.9	533.4	491.4	510.2	520.0
Israel	265	237	21.3	45.7	14.8	18.2	3.4	6.8	470.9	483.3	488.8	482.9	478.8	472.1
Italy	236	228	36.2	44.5	17.7	1.6	0.3	2.9	499.2	501.7	500.7	506.7	587.4	491.0
Japan	147	143	44.1	16.7	9.6	29.6	0.4	1.7	551.1	571.5	559.2	557.1	522.7	559.5
Jordan	225	218	19.9	46.0	33.6	0.4	2.8	0.0	401.8	416.0	415.3	385.4	409.6	.
Kazakhstan	1209	1135	60.7	35.9	1.6	1.8	4.4	1.4	434.8	455.7	479.8	420.1	447.7	422.9
Korea, Rep. of	243	236	24.9	23.4	2.9	48.7	0.7	2.8	546.6	538.6	539.5	549.1	540.4	535.1
Kuwait	157	151	11.3	27.2	55.2	6.2	2.5	1.1	445.8	435.2	410.6	403.1	397.4	372.6
Lithuania	1096	911	10.8	54.8	26.5	7.9	2.4	12.4	520.2	516.2	523.3	520.9	529.0	520.1
Malaysia	313	313	31.2	48.3	19.3	1.2	0.0	0.0	442.8	425.7	405.6	363.0	.	.
Malta	466	356	12.4	59.7	25.5	2.3	3.7	17.0	507.9	515.9	493.0	449.2	467.4	479.1
Morocco	511	482	32.5	50.4	11.8	5.3	1.6	2.2	336.3	322.7	329.5	309.8	283.5	346.5
New Zealand	211	131	4.3	31.8	14.9	49.0	2.2	39.3	532.4	516.2	523.4	481.0	412.9	508.4
Norway (9)	310	223	5.2	37.6	39.7	17.5	2.9	23.2	511.1	496.5	482.7	493.2	495.8	478.4
Oman	284	276	8.5	50.7	38.7	2.2	2.0	0.9	459.6	461.2	446.4	488.1	439.2	472.5
Palestinian Nat'l Auth.	199	185	14.0	55.9	30.2	0.0	3.4	2.9	397.4	395.8	386.7	.	397.1	374.9
Portugal	521	486	34.3	28.6	20.0	17.1	1.5	5.1	513.4	496.9	507.4	502.1	526.2	499.9
Qatar	242	233	20.7	50.1	27.0	2.2	1.1	1.8	491.7	491.3	451.5	496.6	506.3	485.4
Romania	429	298	17.9	45.5	19.3	17.3	4.7	25.3	463.2	471.5	473.1	472.5	480.1	451.5
Saudi Arabia	214	190	21.4	45.5	32.6	0.6	5.2	5.0	433.8	418.4	409.2	526.3	421.2	413.4
Singapore	345	345	47.6	45.1	4.0	3.2	0.0	0.0	613.0	603.4	665.1	469.1	.	.
South Africa (9)	288	215	52.5	38.6	6.2	2.7	0.8	29.4	372.1	358.3	357.2	352.7	337.3	355.8
Sweden	814	672	3.2	24.5	28.0	44.3	3.1	14.3	522.8	517.1	520.8	527.2	527.0	511.8
Turkiye	189	189	40.4	40.2	17.1	2.3	0.0	0.0	531.4	531.3	525.2	498.3	.	.
United Arab Emirates	1614	1340	23.9	56.2	15.8	4.1	1.9	12.8	478.6	492.5	459.9	492.3	503.9	498.5
United States	672	549	10.4	34.0	22.0	33.7	1.3	10.5	528.6	525.8	514.4	502.2	470.7	506.1
Uzbekistan	668	642	73.5	23.2	1.3	2.1	2.9	1.4	397.3	391.8	405.9	397.1	384.5	387.5
International Avg. (44)	23553	20160	26.9	39.9	19.5	13.8	2.2	11.0	476.5	474.6	471.9	468.2	462.8	465.4
Abu Dhabi, UAE	597	488	27.6	52.8	13.6	6.0	1.5	13.5	434.4	450.5	411.2	464.0	454.0	454.5
Dubai, UAE	432	355	20.5	64.6	11.9	3.0	2.1	11.7	543.3	553.6	527.7	549.8	550.5	537.7
Sharjah, UAE	307	251	22.2	54.9	18.9	4.0	2.1	15.4	506.5	489.4	476.0	515.1	516.9	533.2

Question: How often do you do the following with the science homework assignments for this class? Discuss the homework in class
Location: TQS-23Bc (BTBS23BC)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	485	30.2	47.6	6.2	16.0	3.8	35.0	524.1	535.9	518.3	499.3	511.1	512.0
Austria	889	778	27.6	13.4	1.9	57.0	2.2	10.7	508.8	507.0	536.2	517.8	483.4	497.8
Azerbaijan	1140	900	70.5	24.9	0.9	3.7	4.8	14.1	410.7	410.6	428.9	419.5	404.7	414.9
Bahrain	223	216	47.4	16.1	3.9	32.6	3.8	0.0	474.7	459.6	377.5	423.9	448.3	.
Brazil	916	880	76.8	12.4	1.2	9.6	0.6	4.2	422.3	411.4	432.7	404.3	373.0	441.0
Chile	168	146	36.1	5.9	0.8	57.2	1.3	11.0	447.1	455.2	442.6	460.7	513.2	447.5
Chinese Taipei	239	237	59.4	25.1	1.5	14.0	0.7	0.0	577.9	565.9	560.9	557.0	586.6	.
Cote d'Ivoire	372	179	53.7	29.5	8.3	8.5	0.6	51.6	190.2	182.6	160.3	160.2	159.0	183.4
Cyprus	775	658	86.0	10.6	0.2	3.3	1.3	13.2	462.5	461.0	464.5	492.0	455.2	471.4
Czech Republic	1348	1240	44.0	22.2	3.0	30.9	1.6	6.4	531.6	526.8	517.7	520.7	542.0	528.7
England	262	111	35.9	45.2	12.4	6.4	4.2	39.8	538.1	524.3	501.4	570.8	575.7	529.5
Finland	1239	1171	82.6	13.4	2.0	2.1	1.8	2.9	533.3	525.2	503.1	490.4	538.8	523.3
France	379	325	57.4	23.2	5.0	14.4	1.1	11.9	489.9	490.5	491.7	473.2	513.5	472.4
Georgia	936	909	78.5	20.7	0.2	0.6	2.8	0.1	449.2	441.8	427.9	449.3	452.5	497.7
Hong Kong SAR	185	116	46.8	49.0	2.8	1.4	0.9	34.9	527.0	538.1	504.0	628.6	443.5	519.7
Hungary	1086	884	86.1	7.1	0.3	6.5	1.3	15.8	522.3	535.1	580.3	508.9	498.1	518.9
Iran, Islamic Rep. of	224	223	42.1	38.4	1.8	17.8	0.5	0.0	418.9	419.7	432.5	416.0	436.1	.
Ireland	440	385	73.4	22.8	1.3	2.5	1.1	11.5	530.1	527.4	564.6	491.4	496.6	520.0
Israel	265	239	64.4	17.7	0.0	18.0	2.2	6.8	478.3	496.7	.	482.9	437.0	472.1
Italy	236	228	71.2	24.0	3.2	1.6	0.3	2.9	499.6	502.5	508.4	506.7	587.4	491.0
Japan	147	143	5.0	31.6	33.8	29.6	0.4	1.7	571.7	557.1	554.9	557.1	522.7	559.5
Jordan	225	216	80.3	18.3	1.0	0.4	2.9	0.0	418.5	390.2	375.1	385.4	411.0	.
Kazakhstan	1209	1132	78.2	19.8	0.2	1.8	4.6	1.4	442.1	447.1	500.2	420.1	445.8	422.9
Korea, Rep. of	243	236	12.5	30.2	8.6	48.7	0.7	2.8	558.6	536.6	540.1	549.1	540.4	535.1
Kuwait	157	151	59.6	33.2	1.0	6.2	2.5	1.1	435.8	396.5	441.8	403.1	397.4	372.6
Lithuania	1096	917	62.9	28.6	0.9	7.7	1.9	12.4	518.5	519.4	512.5	519.5	538.6	520.1
Malaysia	313	313	76.8	21.6	0.5	1.2	0.0	0.0	428.9	421.4	413.1	363.0	.	.
Malta	466	358	52.5	43.7	1.5	2.3	3.0	17.0	508.9	506.3	503.4	449.2	489.6	479.1
Morocco	511	481	63.0	30.0	1.6	5.3	1.6	2.2	329.3	326.6	295.9	309.8	302.0	346.5
New Zealand	211	131	24.6	25.9	0.5	49.0	2.2	39.3	523.8	516.4	481.5	481.0	412.9	508.4
Norway (9)	310	226	38.3	40.1	4.3	17.3	2.0	23.2	492.6	491.0	471.4	493.2	499.9	478.4
Oman	284	275	80.7	16.7	0.3	2.2	2.5	0.9	458.9	439.1	403.0	488.1	438.9	472.5
Palestinian Nat'l Auth.	199	185	83.5	16.0	0.5	0.0	3.4	2.9	398.1	370.6	296.4	.	397.1	374.9
Portugal	521	485	57.2	21.8	4.1	16.9	1.7	5.1	510.8	493.7	510.4	502.3	521.6	499.9
Qatar	242	232	69.9	26.1	1.7	2.3	1.8	1.8	485.2	466.7	513.0	496.6	475.6	485.4
Romania	429	300	72.2	10.6	0.0	17.2	4.2	25.3	472.4	456.7	.	472.5	476.4	451.5
Saudi Arabia	214	188	77.2	20.3	1.9	0.6	6.0	5.0	420.1	410.3	427.1	526.3	427.9	413.4
Singapore	345	345	82.2	14.5	0.0	3.2	0.0	0.0	615.0	586.5	.	469.1	.	.
South Africa (9)	288	216	83.8	13.5	0.0	2.7	0.7	29.4	365.5	366.7	.	352.7	339.6	355.8
Sweden	814	672	19.9	31.5	4.3	44.3	3.1	14.3	517.8	519.6	523.4	527.2	527.5	511.8
Turkiye	189	189	51.7	42.1	3.9	2.3	0.0	0.0	537.9	520.3	536.1	498.3	.	.
United Arab Emirates	1614	1342	65.3	29.5	1.1	4.1	1.8	12.8	488.4	474.7	473.4	492.3	491.9	498.5
United States	672	549	35.8	28.6	1.9	33.7	1.3	10.5	522.5	521.5	535.5	502.2	470.7	506.1
Uzbekistan	668	640	75.9	21.4	0.6	2.1	3.2	1.4	398.8	386.3	402.9	397.1	387.3	387.5
International Avg. (44)	23553	20232	58.6	24.7	3.0	13.7	2.0	11.0	476.3	469.1	466.6	468.1	462.7	465.4
Abu Dhabi, UAE	597	489	64.1	28.6	1.2	6.0	1.3	13.5	448.0	421.7	470.6	464.0	445.4	454.5
Dubai, UAE	432	357	62.5	33.8	0.8	3.0	1.6	11.7	553.9	539.4	546.8	549.8	524.1	537.7
Sharjah, UAE	307	251	68.6	26.8	0.7	4.0	2.1	15.4	499.0	470.0	466.9	515.1	516.9	533.2

Question: How often do you do the following with the science homework assignments for this class? Monitor whether or not the homework was completed
Location: TQS-23Bd (BTBS23BD)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	485	50.1	32.3	1.7	16.0	3.8	35.0	529.3	530.9	548.7	499.3	511.1	512.0
Austria	889	779	37.5	3.3	2.3	57.0	2.1	10.7	508.8	495.8	540.3	517.8	481.8	497.8
Azerbaijan	1140	894	80.9	13.9	1.5	3.7	5.3	14.1	410.9	409.1	426.8	419.5	404.5	414.9
Bahrain	223	215	56.4	9.1	1.8	32.7	4.0	0.0	474.1	433.0	358.8	423.9	451.3	.
Brazil	916	878	82.2	7.4	0.7	9.6	0.8	4.2	421.7	414.9	405.0	404.3	378.8	441.0
Chile	168	146	37.7	4.3	0.8	57.2	1.3	11.0	445.3	473.8	442.6	460.7	513.2	447.5
Chinese Taipei	239	235	45.0	39.4	1.5	14.2	1.5	0.0	577.1	570.8	595.9	557.0	557.7	.
Cote d'Ivoire	372	179	80.4	11.1	0.0	8.5	0.6	51.6	190.5	145.9	.	160.2	159.0	183.4
Cyprus	775	660	87.9	8.8	0.1	3.3	1.1	13.2	462.2	462.4	439.4	492.0	459.0	471.4
Czech Republic	1348	1236	53.6	11.9	3.7	30.8	1.8	6.4	528.1	536.0	530.2	521.0	533.8	528.7
England	262	111	73.0	19.8	1.5	5.7	4.2	39.8	525.2	531.2	536.9	575.5	574.6	529.5
Finland	1239	1172	66.5	29.5	2.0	2.1	1.9	2.9	530.3	535.7	523.6	490.4	527.6	523.3
France	379	325	57.8	26.1	1.6	14.4	1.1	11.9	488.0	495.0	503.9	473.2	494.7	472.4
Georgia	936	885	85.6	12.8	1.0	0.6	5.0	0.1	447.1	450.7	463.2	449.3	446.8	497.7
Hong Kong SAR	185	116	79.8	16.0	2.8	1.4	0.9	34.9	536.4	523.4	454.1	628.6	443.5	519.7
Hungary	1086	881	82.0	10.3	1.2	6.5	1.6	15.8	521.0	539.3	558.2	508.9	501.2	518.9
Iran, Islamic Rep. of	224	223	61.6	19.1	1.5	17.8	0.5	0.0	420.2	419.0	399.2	416.0	436.1	.
Ireland	440	384	78.0	19.3	0.2	2.5	1.2	11.5	530.5	527.4	543.2	491.4	498.7	520.0
Israel	265	239	64.0	17.4	0.7	18.0	2.2	6.8	481.4	484.2	510.7	482.9	437.0	472.1
Italy	236	228	55.2	36.2	7.0	1.6	0.3	2.9	496.7	503.1	518.4	506.7	587.4	491.0
Japan	147	143	47.5	16.0	7.0	29.6	0.4	1.7	554.0	554.8	582.8	557.1	522.7	559.5
Jordan	225	219	86.4	12.6	0.6	0.4	2.1	0.0	414.9	402.3	385.8	385.4	401.8	.
Kazakhstan	1209	1135	92.3	5.8	0.1	1.8	4.4	1.4	442.4	456.2	369.9	420.1	447.5	422.9
Korea, Rep. of	243	237	29.7	19.8	2.1	48.3	0.0	2.8	540.9	548.5	509.5	549.1	.	535.1
Kuwait	157	150	85.2	8.6	0.0	6.3	2.9	1.1	424.5	399.6	.	403.1	393.5	372.6
Lithuania	1096	916	58.6	31.0	2.6	7.7	2.1	12.4	514.9	523.5	550.0	519.5	532.5	520.1
Malaysia	313	313	83.0	15.8	0.0	1.2	0.0	0.0	429.0	417.6	.	363.0	.	.
Malta	466	358	85.7	12.0	0.0	2.3	3.4	17.0	507.8	514.6	.	449.2	469.7	479.1
Morocco	511	484	74.0	20.1	0.7	5.3	0.9	2.2	328.4	325.1	362.3	309.8	280.5	346.5
New Zealand	211	131	30.9	18.7	1.4	49.0	2.2	39.3	519.2	519.7	529.4	481.0	412.9	508.4
Norway (9)	310	224	43.8	28.7	10.0	17.5	2.6	23.2	487.6	494.5	492.7	493.2	499.9	478.4
Oman	284	276	83.0	14.4	0.5	2.2	2.0	0.9	454.3	458.5	509.5	488.1	439.2	472.5
Palestinian Nat'l Auth.	199	184	85.6	14.4	0.0	0.0	3.9	2.9	393.9	390.6	.	.	393.2	374.9
Portugal	521	485	67.6	14.2	1.3	16.9	1.7	5.1	507.6	497.5	532.1	502.3	521.6	499.9
Qatar	242	232	86.7	11.1	0.0	2.2	1.2	1.8	480.9	475.3	.	496.6	512.6	485.4
Romania	429	298	61.1	21.3	0.4	17.3	4.6	25.3	468.6	474.7	462.4	472.5	479.2	451.5
Saudi Arabia	214	189	84.6	14.4	0.5	0.6	5.7	5.0	419.6	412.6	395.0	526.3	425.1	413.4
Singapore	345	345	76.6	19.3	0.9	3.2	0.0	0.0	613.0	597.8	695.0	469.1	.	.
South Africa (9)	288	215	73.6	22.5	1.2	2.7	0.8	29.4	364.3	366.7	427.9	352.7	337.3	355.8
Sweden	814	668	33.1	17.6	5.2	44.1	3.5	14.3	519.6	516.4	527.0	527.2	527.0	511.8
Turkiye	189	189	86.8	10.9	0.0	2.3	0.0	0.0	532.8	510.4	.	498.3	.	.
United Arab Emirates	1614	1343	85.4	10.0	0.6	4.1	1.7	12.8	486.7	463.0	449.7	492.3	493.0	498.5
United States	672	549	56.9	8.9	0.5	33.7	1.3	10.5	525.0	506.4	519.5	502.2	470.7	506.1
Uzbekistan	668	643	92.5	5.3	0.1	2.1	2.8	1.4	396.6	384.5	422.7	397.1	389.6	387.5
International Avg. (44)	23553	20197	68.3	16.4	1.6	13.7	2.1	11.0	473.9	470.3	487.1	468.2	458.7	465.4
Abu Dhabi, UAE	597	489	83.1	9.5	1.4	6.0	1.3	13.5	444.4	403.5	442.6	464.0	445.4	454.5
Dubai, UAE	432	357	86.2	10.7	0.1	3.0	1.6	11.7	550.0	538.5	579.5	549.8	524.1	537.7
Sharjah, UAE	307	251	85.1	10.8	0.1	4.0	2.1	15.4	494.4	462.2	456.8	515.1	516.9	533.2

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

Location: TQS-23Be (BTBS23BE)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Australia	864	484	17.2	26.8	39.9	16.0	3.8	35.0	523.1	522.0	539.1	499.3	510.9	512.0
Austria	889	775	26.6	10.4	6.0	57.1	2.5	10.7	505.9	511.0	523.6	517.8	484.5	497.8
Azerbaijan	1140	898	44.3	42.1	10.0	3.7	5.1	14.1	409.1	409.2	423.2	419.5	409.0	414.9
Bahrain	223	216	42.3	16.9	8.2	32.6	3.8	0.0	466.9	455.5	478.9	423.9	448.3	.
Brazil	916	878	69.8	18.0	2.6	9.6	0.8	4.2	420.7	423.2	413.8	404.3	379.0	441.0
Chile	168	146	20.2	18.1	4.6	57.2	1.3	11.0	437.7	450.1	486.3	460.7	513.2	447.5
Chinese Taipei	239	235	24.1	47.6	14.1	14.2	1.5	0.0	574.9	572.5	579.5	557.0	569.4	.
Cote d'Ivoire	372	179	14.0	70.6	6.9	8.5	0.6	51.6	164.2	189.5	181.7	160.2	159.0	183.4
Cyprus	775	660	84.5	11.0	1.3	3.3	1.1	13.2	457.4	490.6	537.6	492.0	459.0	471.4
Czech Republic	1348	1234	20.6	33.4	15.2	30.8	2.0	6.4	530.8	528.2	530.6	521.0	534.9	528.7
England	262	111	10.2	36.6	47.5	5.7	4.2	39.8	526.2	531.6	522.9	575.5	574.6	529.5
Finland	1239	1172	39.9	44.8	13.3	2.1	1.9	2.9	527.2	536.2	529.8	490.4	533.0	523.3
France	379	326	15.7	30.9	39.1	14.3	0.7	11.9	486.7	483.3	497.6	473.2	498.3	472.4
Georgia	936	894	21.9	67.4	10.1	0.6	4.2	0.1	450.6	446.1	452.4	449.3	447.5	497.7
Hong Kong SAR	185	116	65.4	25.4	7.7	1.4	0.9	34.9	528.0	523.8	591.8	628.6	443.5	519.7
Hungary	1086	881	24.1	47.1	22.3	6.5	1.6	15.8	521.1	522.2	528.9	508.9	501.0	518.9
Iran, Islamic Rep. of	224	223	57.5	24.0	0.7	17.8	0.5	0.0	422.6	412.0	428.5	416.0	436.1	.
Ireland	440	384	6.4	32.9	58.1	2.5	1.2	11.5	519.2	517.7	538.1	491.4	498.7	520.0
Israel	265	238	55.8	22.6	3.6	18.0	2.5	6.8	474.8	488.4	547.4	482.9	457.3	472.1
Italy	236	228	12.0	40.9	45.5	1.6	0.3	2.9	492.2	503.7	500.0	506.7	587.4	491.0
Japan	147	143	34.9	23.5	12.1	29.6	0.4	1.7	551.9	558.0	570.3	557.1	522.7	559.5
Jordan	225	218	65.5	31.6	2.6	0.4	2.8	0.0	410.8	417.0	415.8	385.4	409.6	.
Kazakhstan	1209	1136	73.3	22.7	2.2	1.8	4.3	1.4	443.2	441.2	459.3	420.1	449.4	422.9
Korea, Rep. of	243	237	7.0	15.4	29.2	48.3	0.0	2.8	539.3	538.2	545.6	549.1	.	535.1
Kuwait	157	151	64.9	25.5	3.4	6.3	2.7	1.1	423.9	410.5	447.2	403.1	429.0	372.6
Lithuania	1096	917	36.9	43.3	12.0	7.8	2.2	12.4	510.6	523.3	527.2	520.9	530.5	520.1
Malaysia	313	313	45.4	41.6	11.8	1.2	0.0	0.0	434.1	426.7	402.0	363.0	.	.
Malta	466	357	63.9	30.1	3.6	2.3	3.7	17.0	500.1	523.9	536.8	449.2	468.1	479.1
Morocco	511	484	53.1	36.4	5.1	5.3	1.1	2.2	323.2	333.6	336.0	309.8	287.7	346.5
New Zealand	211	131	12.6	15.4	23.0	49.0	2.2	39.3	516.4	499.1	535.3	481.0	412.9	508.4
Norway (9)	310	224	8.9	29.7	43.9	17.5	2.7	23.2	488.5	483.6	495.2	493.2	507.7	478.4
Oman	284	275	53.2	38.9	5.7	2.2	2.4	0.9	454.1	453.9	472.4	488.1	446.0	472.5
Palestinian Nat'l Auth.	199	184	60.4	37.8	1.9	0.0	3.9	2.9	396.7	388.5	377.0	.	396.4	374.9
Portugal	521	485	35.4	27.4	20.3	16.9	1.7	5.1	502.4	506.7	512.4	502.3	521.6	499.9
Qatar	242	233	66.8	23.2	7.8	2.2	1.1	1.8	466.7	498.7	543.6	496.6	506.3	485.4
Romania	429	299	24.6	37.7	20.4	17.2	4.4	25.3	468.9	468.9	474.4	472.5	477.9	451.5
Saudi Arabia	214	189	54.1	32.6	12.7	0.6	5.7	5.0	413.8	417.7	440.0	526.3	425.1	413.4
Singapore	345	345	8.7	15.6	72.5	3.2	0.0	0.0	617.0	604.9	611.2	469.1	.	.
South Africa (9)	288	215	14.6	22.3	60.5	2.7	0.8	29.4	379.8	357.6	365.2	352.7	337.3	355.8
Sweden	814	669	10.6	25.3	20.0	44.1	3.4	14.3	522.1	518.7	518.6	527.2	527.1	511.8
Turkiye	189	189	65.2	26.4	6.1	2.3	0.0	0.0	531.5	529.0	522.5	498.3	.	.
United Arab Emirates	1614	1339	56.9	29.9	9.1	4.1	1.9	12.8	476.3	487.6	521.0	492.3	490.6	498.5
United States	672	549	48.1	14.5	3.7	33.7	1.3	10.5	521.8	520.6	538.3	502.2	470.7	506.1
Uzbekistan	668	642	81.2	16.1	0.6	2.1	2.9	1.4	396.4	394.6	394.7	397.1	386.1	387.5
International Avg. (44)	23553	20202	39.1	30.2	17.0	13.7	2.1	11.0	471.1	473.2	486.2	468.3	461.2	465.4
Abu Dhabi, UAE	597	486	58.0	28.1	7.9	6.0	1.7	13.5	441.9	430.4	460.3	464.0	456.6	454.5
Dubai, UAE	432	356	47.4	34.7	14.9	3.0	1.7	11.7	530.5	559.6	582.0	549.8	522.8	537.7
Sharjah, UAE	307	251	59.9	30.5	5.6	4.0	2.1	15.4	493.5	484.4	495.6	515.1	516.9	533.2

Question: How much importance do you place on these strategies to assess students' learning in science? Observing students as they work
Location: TQS-24a (BTBS24A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	483	81.2	18.5	0.3	3.8	35.0	523.0	535.6	537.2	511.5	512.0
Austria	889	780	67.5	30.2	2.3	1.8	10.7	511.4	520.5	507.7	481.1	497.8
Azerbaijan	1140	890	90.7	9.1	0.2	5.9	14.1	412.1	407.4	431.7	398.0	414.9
Bahrain	223	218	95.0	5.0	0.0	2.8	0.0	452.7	437.7	.	447.4	.
Brazil	916	879	89.0	10.0	1.0	0.5	4.2	417.3	432.4	460.4	385.7	441.0
Chile	168	146	97.2	2.8	0.0	1.3	11.0	455.6	444.1	.	513.2	447.5
Chinese Taipei	239	222	72.7	25.9	1.5	9.3	0.0	574.3	563.4	544.9	579.7	.
Cote d'Ivoire	372	161	90.5	8.9	0.6	5.7	51.6	186.6	173.9	132.7	164.0	183.4
Cyprus	775	661	92.4	7.6	0.0	1.0	13.2	462.7	470.3	.	455.3	471.4
Czech Republic	1348	1247	47.6	51.5	0.9	0.9	6.4	524.2	528.6	568.8	545.1	528.7
England	262	111	76.8	21.2	2.0	4.2	39.8	528.9	532.3	526.4	572.8	529.5
Finland	1239	1174	75.6	24.1	0.2	1.7	2.9	529.8	534.5	501.8	532.9	523.3
France	379	324	57.5	39.6	2.9	1.5	11.9	486.1	491.6	481.8	481.4	472.4
Georgia	936	902	84.8	15.0	0.1	3.2	0.1	449.0	441.4	471.6	443.9	497.7
Hong Kong SAR	185	116	69.9	30.1	0.0	0.9	34.9	539.6	518.5	.	443.5	519.7
Hungary	1086	883	80.2	18.6	1.2	1.5	15.8	520.2	530.2	524.1	523.5	518.9
Iran, Islamic Rep. of	224	223	74.1	25.5	0.4	0.5	0.0	420.3	416.0	360.2	436.1	.
Ireland	440	384	72.1	27.4	0.5	1.6	11.5	528.2	534.7	510.7	458.8	520.0
Israel	265	237	89.0	11.0	0.0	2.8	6.8	477.3	527.2	.	432.9	472.1
Italy	236	228	74.0	25.1	1.0	0.3	2.9	498.0	508.0	515.4	587.4	491.0
Japan	147	142	53.3	46.3	0.4	1.4	1.7	556.1	557.5	562.3	567.7	559.5
Jordan	225	217	91.6	8.2	0.3	2.8	0.0	413.1	415.9	358.4	396.0	.
Kazakhstan	1209	1141	83.1	16.9	0.0	4.1	1.4	444.5	434.2	.	447.9	422.9
Korea, Rep. of	243	236	44.9	49.9	5.1	0.2	2.8	546.2	545.9	538.5	556.2	535.1
Kuwait	157	140	92.8	7.2	0.0	10.7	1.1	419.2	438.1	.	417.4	372.6
Lithuania	1096	919	79.4	20.4	0.2	1.8	12.4	516.1	529.6	545.5	530.8	520.1
Malaysia	313	313	85.9	14.1	0.0	0.0	0.0	428.7	412.1	.	.	.
Malta	466	360	80.3	17.6	2.1	2.9	17.0	508.7	507.2	422.6	479.1	479.1
Morocco	511	484	83.3	16.0	0.7	1.0	2.2	328.2	316.8	371.8	313.1	346.5
New Zealand	211	133	79.2	20.8	0.0	1.3	39.3	495.9	514.3	.	399.1	508.4
Norway (9)	310	227	69.1	30.1	0.8	1.7	23.2	488.4	496.9	515.4	499.4	478.4
Oman	284	274	93.9	5.7	0.5	3.0	0.9	454.6	464.3	509.5	461.8	472.5
Palestinian Nat'l Auth.	199	186	90.4	9.6	0.0	3.0	2.9	396.9	358.9	.	398.3	374.9
Portugal	521	484	85.0	14.8	0.2	1.9	5.1	505.8	504.3	516.3	521.1	499.9
Qatar	242	233	96.0	4.0	0.0	0.4	1.8	479.9	508.1	.	487.2	485.4
Romania	429	301	89.1	10.5	0.4	3.9	25.3	471.1	464.1	522.1	480.4	451.5
Saudi Arabia	214	188	75.1	24.2	0.6	6.8	5.0	426.7	399.9	352.8	415.0	413.4
Singapore	345	345	64.7	34.5	0.8	0.0	0.0	609.8	598.3	646.2	.	.
South Africa (9)	288	192	75.1	24.5	0.4	9.1	29.4	368.6	352.8	393.8	366.3	355.8
Sweden	814	679	55.7	40.2	4.0	1.5	14.3	517.0	527.7	556.6	527.3	511.8
Turkiye	189	188	86.7	13.3	0.0	0.6	0.0	530.1	527.9	.	478.5	.
United Arab Emirates	1614	1345	92.5	7.4	0.2	1.6	12.8	483.0	502.3	571.4	482.7	498.5
United States	672	550	82.9	16.8	0.3	1.3	10.5	513.4	527.5	467.2	469.9	506.1
Uzbekistan	668	642	94.1	5.9	0.0	2.6	1.4	395.8	395.8	.	393.8	387.5
International Avg. (44)	23553	20188	79.6	19.7	0.7	2.6	11.0	472.6	473.8	481.5	463.9	465.4
Abu Dhabi, UAE	597	489	94.3	5.7	0.0	1.5	13.5	442.9	425.0	.	433.9	454.5
Dubai, UAE	432	356	87.8	11.8	0.4	1.8	11.7	548.0	556.6	623.3	505.5	537.7
Sharjah, UAE	307	254	93.2	6.8	0.1	1.4	15.4	491.1	501.7	548.7	521.4	533.2

Question: How much importance do you place on these strategies to assess students' learning in science? Asking students to answer questions during class
Location: TQS-24b (BTBS24B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	482	75.7	22.6	1.8	3.9	35.0	521.7	537.6	526.1	511.3	512.0
Austria	889	780	79.6	19.6	0.8	1.8	10.7	513.6	514.8	551.3	478.3	497.8
Azerbaijan	1140	893	85.8	13.8	0.3	6.1	14.1	412.0	410.1	399.2	398.6	414.9
Bahrain	223	217	91.9	8.1	0.0	3.0	0.0	453.6	430.6	.	453.9	.
Brazil	916	878	90.2	9.7	0.0	0.5	4.2	418.7	424.0	408.6	385.8	441.0
Chile	168	146	95.8	4.2	0.0	1.3	11.0	454.3	477.5	.	513.2	447.5
Chinese Taipei	239	223	78.2	21.2	0.7	8.7	0.0	571.5	567.7	546.8	585.8	.
Cote d'Ivoire	372	162	96.9	3.1	0.0	5.4	51.6	185.7	176.4	.	160.9	183.4
Cyprus	775	661	96.2	3.7	0.1	1.0	13.2	463.1	466.7	488.4	455.3	471.4
Czech Republic	1348	1245	53.6	45.0	1.4	1.1	6.4	527.7	526.1	522.2	539.3	528.7
England	262	111	82.4	17.6	0.0	4.2	39.8	530.3	526.2	.	572.8	529.5
Finland	1239	1175	67.7	31.3	1.0	1.5	2.9	530.7	531.6	508.3	535.1	523.3
France	379	324	39.4	43.7	17.0	1.5	11.9	484.1	487.5	495.5	519.6	472.4
Georgia	936	900	81.9	18.0	0.1	3.8	0.1	449.4	440.5	476.8	444.2	497.7
Hong Kong SAR	185	116	77.1	22.9	0.0	0.9	34.9	542.0	503.9	.	443.5	519.7
Hungary	1086	885	84.7	14.9	0.4	1.3	15.8	522.2	522.6	511.9	520.2	518.9
Iran, Islamic Rep. of	224	223	76.5	23.5	0.0	0.5	0.0	418.2	421.1	.	436.1	.
Ireland	440	385	83.8	15.8	0.5	1.3	11.5	530.8	526.0	510.7	439.3	520.0
Israel	265	236	92.9	7.1	0.0	2.9	6.8	479.6	523.5	.	434.8	472.1
Italy	236	228	76.9	22.2	0.9	0.3	2.9	499.1	505.1	527.3	587.4	491.0
Japan	147	142	34.6	57.7	7.7	1.4	1.7	557.0	555.6	564.6	567.7	559.5
Jordan	225	217	88.7	11.3	0.0	2.8	0.0	415.6	394.8	.	396.0	.
Kazakhstan	1209	1137	85.1	14.7	0.2	4.3	1.4	444.7	430.0	433.2	452.4	422.9
Korea, Rep. of	243	237	48.0	44.4	7.5	0.0	2.8	543.2	549.2	540.4	.	535.1
Kuwait	157	137	91.6	8.4	0.0	12.3	1.1	425.6	374.5	.	412.4	372.6
Lithuania	1096	919	67.0	31.0	2.0	1.8	12.4	517.8	520.4	534.2	530.8	520.1
Malaysia	313	313	83.8	16.2	0.0	0.0	0.0	428.1	417.5	.	.	.
Malta	466	359	88.0	11.5	0.5	3.0	17.0	511.2	476.7	506.1	463.7	479.1
Morocco	511	485	86.8	13.2	0.0	0.7	2.2	327.9	317.4	.	320.9	346.5
New Zealand	211	133	72.6	27.1	0.3	1.3	39.3	502.1	493.9	447.9	399.1	508.4
Norway (9)	310	226	48.8	48.7	2.5	2.0	23.2	483.2	497.7	512.7	505.4	478.4
Oman	284	274	87.3	12.2	0.5	3.0	0.9	455.6	453.7	463.8	461.8	472.5
Palestinian Nat'l Auth.	199	186	92.6	7.4	0.0	3.0	2.9	393.8	386.8	.	398.3	374.9
Portugal	521	484	85.2	14.4	0.3	1.9	5.1	505.9	503.7	498.5	521.1	499.9
Qatar	242	233	93.2	6.8	0.0	0.4	1.8	479.5	502.5	.	487.2	485.4
Romania	429	301	82.8	17.2	0.0	4.2	25.3	472.3	462.7	.	479.0	451.5
Saudi Arabia	214	188	84.8	14.6	0.6	6.8	5.0	420.5	415.6	418.5	415.0	413.4
Singapore	345	345	76.4	23.4	0.1	0.0	0.0	608.2	599.6	593.9	.	.
South Africa (9)	288	194	85.1	14.3	0.6	8.5	29.4	365.9	347.7	546.1	370.5	355.8
Sweden	814	673	46.1	50.6	3.3	2.9	14.3	519.1	523.6	535.2	552.7	511.8
Turkiye	189	188	95.2	4.8	0.0	0.6	0.0	529.8	530.5	.	478.5	.
United Arab Emirates	1614	1340	92.5	7.3	0.2	2.0	12.8	484.1	490.3	612.1	471.0	498.5
United States	672	549	84.6	15.1	0.3	1.3	10.5	515.4	517.9	498.0	467.4	506.1
Uzbekistan	668	641	92.1	7.9	0.0	2.7	1.4	396.6	386.8	.	394.3	387.5
International Avg. (44)	23553	20171	79.6	19.3	1.2	2.7	11.0	473.0	469.7	506.4	462.5	465.4
Abu Dhabi, UAE	597	488	95.1	4.9	0.0	1.6	13.5	442.5	429.6	.	433.5	454.5
Dubai, UAE	432	355	90.1	9.2	0.7	2.0	11.7	547.6	563.5	612.1	499.1	537.7
Sharjah, UAE	307	253	90.8	9.2	0.0	1.6	15.4	493.9	475.5	.	494.5	533.2

Question: How much importance do you place on these strategies to assess students' learning in science? Short, regular written assessments
Location: TQS-24c (BTBS24C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	483	37.0	54.4	8.6	3.8	35.0	523.6	527.5	519.2	511.5	512.0
Austria	889	779	35.1	48.2	16.7	1.9	10.7	506.1	514.8	528.6	483.8	497.8
Azerbaijan	1140	877	48.1	50.7	1.2	7.3	14.1	409.8	413.1	426.1	401.3	414.9
Bahrain	223	217	72.5	26.1	1.4	3.2	0.0	454.5	447.7	410.6	444.6	.
Brazil	916	878	76.5	22.2	1.3	0.9	4.2	420.5	411.5	485.4	388.7	441.0
Chile	168	146	48.4	47.9	3.6	1.3	11.0	454.2	456.4	454.9	513.2	447.5
Chinese Taipei	239	222	55.0	44.4	0.7	8.8	0.0	573.9	566.7	567.4	583.8	.
Cote d'Ivoire	372	162	70.8	28.5	0.6	5.4	51.6	194.0	164.8	153.2	160.9	183.4
Cyprus	775	651	31.8	46.1	22.1	2.6	13.2	470.4	463.3	453.1	458.6	471.4
Czech Republic	1348	1245	62.9	35.9	1.2	1.1	6.4	528.0	524.4	544.9	541.3	528.7
England	262	111	54.2	43.1	2.7	4.2	39.8	528.8	530.1	537.8	572.8	529.5
Finland	1239	1174	14.1	68.2	17.8	1.5	2.9	524.0	532.3	530.3	534.9	523.3
France	379	325	50.5	43.0	6.6	0.9	11.9	488.3	488.0	485.0	498.8	472.4
Georgia	936	898	39.6	57.6	2.8	3.8	0.1	449.4	447.4	435.4	444.7	497.7
Hong Kong SAR	185	116	33.5	63.7	2.8	0.9	34.9	553.7	522.7	527.6	443.5	519.7
Hungary	1086	882	72.6	26.5	0.9	1.6	15.8	522.0	521.4	548.0	526.1	518.9
Iran, Islamic Rep. of	224	221	59.4	39.8	0.8	1.3	0.0	419.8	417.4	452.5	411.2	.
Ireland	440	385	49.0	46.1	4.8	1.3	11.5	529.1	528.4	554.0	439.3	520.0
Israel	265	236	53.0	43.0	3.9	2.9	6.8	481.9	480.6	520.3	432.5	472.1
Italy	236	228	43.9	48.7	7.4	0.3	2.9	507.1	495.6	495.8	587.4	491.0
Japan	147	142	42.2	51.9	5.9	1.4	1.7	560.9	553.2	558.5	567.7	559.5
Jordan	225	214	54.3	43.4	2.3	4.6	0.0	419.3	405.1	398.5	413.9	.
Kazakhstan	1209	1126	53.4	45.9	0.7	5.4	1.4	446.0	439.9	435.6	440.3	422.9
Korea, Rep. of	243	236	24.4	53.3	22.3	0.2	2.8	545.5	545.4	546.4	556.2	535.1
Kuwait	157	136	57.6	41.5	1.0	13.5	1.1	429.4	412.5	527.6	400.4	372.6
Lithuania	1096	919	65.2	31.9	2.9	1.8	12.4	518.1	519.3	533.3	530.1	520.1
Malaysia	313	312	53.3	45.4	1.3	0.3	0.0	432.7	418.1	431.3	556.2	.
Malta	466	360	43.6	48.2	8.2	2.8	17.0	504.0	519.3	447.7	474.8	479.1
Morocco	511	482	40.5	54.7	4.9	1.7	2.2	329.0	326.3	312.0	317.0	346.5
New Zealand	211	132	32.3	55.1	12.6	1.6	39.3	505.1	491.8	515.8	438.7	508.4
Norway (9)	310	226	30.3	61.0	8.7	2.0	23.2	491.8	489.7	499.7	497.7	478.4
Oman	284	274	79.2	20.6	0.3	3.0	0.9	457.5	448.0	413.7	461.8	472.5
Palestinian Nat'l Auth.	199	183	69.4	30.0	0.6	4.4	2.9	398.4	383.3	323.7	393.0	374.9
Portugal	521	483	44.6	47.9	7.6	2.2	5.1	501.0	508.9	510.5	522.9	499.9
Qatar	242	233	78.5	21.0	0.4	0.4	1.8	477.6	491.9	577.7	487.2	485.4
Romania	429	301	34.7	62.9	2.4	4.0	25.3	467.3	471.6	488.6	480.4	451.5
Saudi Arabia	214	187	52.3	46.0	1.7	7.3	5.0	425.3	413.4	421.5	415.2	413.4
Singapore	345	345	45.4	51.0	3.6	0.0	0.0	615.3	599.2	590.3	.	.
South Africa (9)	288	192	50.1	44.8	5.1	9.1	29.4	352.8	375.2	383.0	369.3	355.8
Sweden	814	674	37.2	51.7	11.1	2.2	14.3	532.0	517.2	519.8	522.2	511.8
Turkiye	189	188	56.5	42.1	1.4	0.6	0.0	533.4	526.8	476.5	478.5	.
United Arab Emirates	1614	1339	75.9	23.2	0.9	2.2	12.8	485.5	483.6	453.6	474.7	498.5
United States	672	550	54.5	42.3	3.2	1.3	10.5	513.7	516.8	533.6	469.9	506.1
Uzbekistan	668	640	67.8	32.1	0.1	2.9	1.4	395.9	396.1	414.9	390.5	387.5
International Avg. (44)	23553	20110	51.2	43.9	4.9	3.0	11.0	474.5	470.6	476.0	466.0	465.4
Abu Dhabi, UAE	597	488	73.4	25.6	1.0	2.0	13.5	448.0	427.8	374.3	427.9	454.5
Dubai, UAE	432	354	74.8	24.0	1.2	2.1	11.7	545.4	560.7	550.8	518.6	537.7
Sharjah, UAE	307	254	75.2	24.7	0.2	1.4	15.4	495.2	481.2	556.2	521.4	533.2

Question: How much importance do you place on these strategies to assess students' learning in science? Longer tests (e.g., unit tests or exams)
Location: TQS-24d (BTBS24D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	483	40.0	51.3	8.7	3.8	35.0	533.1	519.9	521.3	511.5	512.0
Austria	889	780	29.1	44.7	26.1	1.9	10.7	531.1	511.3	499.9	482.2	497.8
Azerbaijan	1140	884	25.9	66.9	7.2	6.8	14.1	412.6	410.3	419.0	402.4	414.9
Bahrain	223	218	72.8	26.2	1.0	2.8	0.0	448.6	461.5	449.1	447.4	.
Brazil	916	875	44.1	47.5	8.4	1.0	4.2	421.2	418.8	413.2	388.7	441.0
Chile	168	146	44.6	49.9	5.5	1.3	11.0	460.6	451.9	443.3	513.2	447.5
Chinese Taipei	239	223	61.0	36.4	2.6	8.7	0.0	574.2	565.3	558.1	585.8	.
Cote d'Ivoire	372	160	28.6	62.4	9.0	6.0	51.6	208.1	177.9	167.5	162.1	183.4
Cyprus	775	660	62.8	33.9	3.4	1.2	13.2	460.9	469.0	451.4	450.8	471.4
Czech Republic	1348	1240	27.7	41.5	30.8	1.5	6.4	534.0	523.7	524.6	539.5	528.7
England	262	111	53.3	46.7	0.0	4.2	39.8	528.6	530.7	.	572.8	529.5
Finland	1239	1174	65.6	33.1	1.2	1.5	2.9	530.5	532.7	499.4	531.9	523.3
France	379	325	67.2	27.5	5.3	1.0	11.9	494.7	477.1	460.0	494.9	472.4
Georgia	936	889	24.6	65.0	10.4	4.7	0.1	445.6	450.1	439.4	444.1	497.7
Hong Kong SAR	185	116	41.1	58.4	0.5	0.9	34.9	515.5	545.1	607.0	443.5	519.7
Hungary	1086	883	61.9	35.3	2.8	1.7	15.8	522.1	522.4	521.2	522.4	518.9
Iran, Islamic Rep. of	224	223	48.4	49.1	2.5	0.5	0.0	419.0	421.4	370.6	436.1	.
Ireland	440	385	46.6	52.1	1.3	1.3	11.5	530.7	529.0	539.9	439.3	520.0
Israel	265	236	66.2	32.1	1.7	3.2	6.8	484.8	480.0	489.4	423.2	472.1
Italy	236	228	35.8	48.9	15.3	0.3	2.9	496.7	505.5	494.6	587.4	491.0
Japan	147	142	66.4	33.6	0.0	1.4	1.7	560.9	548.6	.	567.7	559.5
Jordan	225	215	70.0	28.6	1.4	3.6	0.0	420.5	395.6	400.1	402.7	.
Kazakhstan	1209	1130	60.9	37.0	2.1	4.9	1.4	441.8	443.8	452.2	447.0	422.9
Korea, Rep. of	243	237	80.0	18.7	1.3	0.0	2.8	546.5	545.0	507.4	.	535.1
Kuwait	157	138	64.4	33.0	2.6	12.2	1.1	422.8	412.8	496.8	411.6	372.6
Lithuania	1096	918	72.9	25.8	1.3	1.9	12.4	520.4	514.2	531.0	529.8	520.1
Malaysia	313	313	29.1	66.0	4.9	0.0	0.0	426.8	425.5	435.9	.	.
Malta	466	358	28.0	67.4	4.7	3.5	17.0	508.3	513.7	416.9	460.5	479.1
Morocco	511	482	66.9	28.6	4.5	1.5	2.2	325.3	331.7	324.7	289.3	346.5
New Zealand	211	133	36.0	53.8	10.2	1.3	39.3	509.1	499.7	466.9	399.1	508.4
Norway (9)	310	225	37.7	43.4	18.9	2.3	23.2	491.5	488.3	496.4	502.3	478.4
Oman	284	274	71.0	27.0	2.0	3.0	0.9	451.5	464.0	479.8	461.8	472.5
Palestinian Nat'l Auth.	199	185	78.3	21.7	0.0	3.6	2.9	395.0	386.1	.	401.9	374.9
Portugal	521	484	56.6	39.0	4.3	1.9	5.1	508.0	501.2	513.4	521.1	499.9
Qatar	242	233	78.0	21.9	0.1	0.4	1.8	473.2	509.3	374.0	487.2	485.4
Romania	429	301	34.3	56.2	9.5	3.9	25.3	464.5	472.5	479.9	482.4	451.5
Saudi Arabia	214	188	68.0	32.0	0.0	6.9	5.0	423.7	410.5	.	418.6	413.4
Singapore	345	345	22.8	67.4	9.8	0.0	0.0	631.0	600.8	585.5	.	.
South Africa (9)	288	192	62.5	35.9	1.6	9.1	29.4	371.3	351.0	393.2	369.3	355.8
Sweden	814	676	79.5	20.0	0.4	2.6	14.3	521.3	524.1	536.3	557.0	511.8
Turkiye	189	188	61.3	37.2	1.5	0.6	0.0	531.6	528.0	503.8	478.5	.
United Arab Emirates	1614	1340	57.6	40.8	1.6	1.9	12.8	475.9	495.9	511.7	479.3	498.5
United States	672	550	34.2	59.2	6.5	1.3	10.5	521.1	512.0	520.5	469.9	506.1
Uzbekistan	668	642	58.2	40.2	1.5	2.6	1.4	395.0	397.6	385.7	391.2	387.5
International Avg. (44)	23553	20128	52.8	41.9	5.3	2.8	11.0	474.8	472.2	467.0	461.2	465.4
Abu Dhabi, UAE	597	487	52.5	44.5	2.9	1.8	13.5	443.1	436.9	489.6	442.3	454.5
Dubai, UAE	432	355	49.7	48.6	1.7	1.9	11.7	531.4	567.1	562.0	509.6	537.7
Sharjah, UAE	307	254	60.6	39.4	0.0	1.4	15.4	492.4	490.9	.	521.4	533.2

Question: How much importance do you place on these strategies to assess students' learning in science? Long-term projects
Location: TQS-24e (BTBS24E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	483	21.5	59.3	19.2	3.8	35.0	538.7	522.8	518.2	511.5	512.0
Austria	889	780	27.4	47.7	24.9	1.8	10.7	512.1	514.8	514.8	481.1	497.8
Azerbaijan	1140	884	15.5	68.3	16.2	6.6	14.1	406.4	411.4	416.0	403.5	414.9
Bahrain	223	218	35.7	55.2	9.1	2.8	0.0	447.1	456.6	442.9	447.4	.
Brazil	916	875	35.8	50.3	13.9	0.9	4.2	425.9	415.6	416.0	390.0	441.0
Chile	168	146	40.6	50.2	9.2	1.3	11.0	455.1	457.8	442.5	513.2	447.5
Chinese Taipei	239	223	15.1	61.7	23.2	8.7	0.0	571.7	573.6	561.5	585.5	.
Cote d'Ivoire	372	161	13.7	38.9	47.4	5.8	51.6	234.7	178.5	177.8	159.6	183.4
Cyprus	775	659	20.8	52.7	26.4	1.3	13.2	453.8	465.5	466.5	451.8	471.4
Czech Republic	1348	1243	24.3	60.5	15.2	1.3	6.4	528.8	525.7	528.1	544.6	528.7
England	262	111	3.8	32.3	63.9	4.2	39.8	485.6	543.6	525.1	572.8	529.5
Finland	1239	1173	14.5	62.9	22.5	1.5	2.9	526.5	533.3	526.7	535.0	523.3
France	379	324	13.4	55.1	31.5	1.2	11.9	479.8	488.0	491.6	488.8	472.4
Georgia	936	895	35.7	59.1	5.2	4.1	0.1	449.1	448.2	435.9	443.2	497.7
Hong Kong SAR	185	116	7.0	70.2	22.8	0.9	34.9	586.9	530.8	524.2	443.5	519.7
Hungary	1086	880	11.9	58.6	29.4	1.7	15.8	518.5	521.0	525.9	523.4	518.9
Iran, Islamic Rep. of	224	223	14.5	50.6	34.9	0.5	0.0	422.8	415.9	421.7	436.1	.
Ireland	440	385	11.4	64.2	24.4	1.3	11.5	526.7	528.8	534.3	439.3	520.0
Israel	265	237	48.5	43.5	8.0	2.8	6.8	498.4	467.5	471.3	432.9	472.1
Italy	236	227	19.3	64.6	16.1	0.6	2.9	498.3	500.9	502.4	551.3	491.0
Japan	147	142	23.8	70.1	6.1	1.4	1.7	557.8	556.7	553.6	567.7	559.5
Jordan	225	215	22.8	56.8	20.4	4.0	0.0	410.1	418.0	403.8	399.1	.
Kazakhstan	1209	1132	43.5	51.7	4.8	4.8	1.4	441.3	444.3	443.1	443.3	422.9
Korea, Rep. of	243	236	10.7	47.3	42.0	0.2	2.8	539.4	547.1	545.7	556.2	535.1
Kuwait	157	138	16.4	59.1	24.5	12.2	1.1	438.7	422.7	406.7	411.6	372.6
Lithuania	1096	914	26.6	56.7	16.7	2.2	12.4	521.5	518.5	516.7	526.0	520.1
Malaysia	313	313	11.4	62.3	26.3	0.0	0.0	444.2	429.6	411.0	.	.
Malta	466	358	6.6	36.6	56.8	3.5	17.0	487.3	522.7	500.4	460.5	479.1
Morocco	511	479	22.5	54.3	23.2	2.6	2.2	331.5	327.6	320.3	318.0	346.5
New Zealand	211	133	25.6	50.7	23.7	1.3	39.3	506.4	492.8	507.4	399.1	508.4
Norway (9)	310	227	55.4	42.6	2.0	1.7	23.2	487.4	496.8	479.0	499.4	478.4
Oman	284	273	20.8	49.1	30.1	3.5	0.9	452.7	455.7	456.6	463.0	472.5
Palestinian Nat'l Auth.	199	185	20.6	65.3	14.1	3.6	2.9	406.3	395.1	363.7	403.8	374.9
Portugal	521	484	21.5	54.6	23.9	1.9	5.1	512.8	504.9	500.6	521.1	499.9
Qatar	242	233	46.0	48.7	5.3	0.4	1.8	472.6	484.3	523.7	487.2	485.4
Romania	429	302	21.9	68.6	9.5	3.8	25.3	467.9	471.2	472.0	481.7	451.5
Saudi Arabia	214	187	28.4	51.7	19.8	7.3	5.0	424.7	417.7	418.4	414.1	413.4
Singapore	345	344	5.8	53.2	41.0	0.4	0.0	627.6	616.6	589.8	581.7	.
South Africa (9)	288	192	24.4	58.3	17.3	9.1	29.4	359.8	365.2	368.1	369.3	355.8
Sweden	814	677	38.5	44.9	16.6	1.7	14.3	514.4	527.1	531.2	526.2	511.8
Turkiye	189	188	46.3	49.5	4.2	0.6	0.0	527.7	529.5	557.2	478.5	.
United Arab Emirates	1614	1340	34.2	58.0	7.8	1.9	12.8	475.6	488.3	496.4	479.7	498.5
United States	672	550	23.0	63.1	13.9	1.3	10.5	525.1	511.8	517.6	469.9	506.1
Uzbekistan	668	639	43.0	49.7	7.3	3.1	1.4	395.4	396.1	397.6	391.3	387.5
International Avg. (44)	23553	20124	24.3	54.8	20.9	2.9	11.0	474.9	473.7	471.0	465.2	465.4
Abu Dhabi, UAE	597	486	33.5	56.6	9.9	1.8	13.5	450.9	435.1	448.6	443.5	454.5
Dubai, UAE	432	355	26.7	65.0	8.3	2.0	11.7	516.4	558.1	588.1	502.6	537.7
Sharjah, UAE	307	254	39.0	57.4	3.6	1.4	15.4	496.3	489.2	485.1	521.4	533.2

Question: In the past two years, have you participated in professional development in any of the following? Science content
Location: TQS-25Aa (BTBS25AA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	511	56.1	43.9	4.0	33.9	530.1	520.9	514.0	510.1
Austria	889	803	53.4	46.6	2.1	8.3	518.4	507.0	500.8	500.5
Azerbaijan	1140	924	59.9	40.1	5.6	12.3	410.6	412.3	404.0	415.3
Bahrain	223	218	45.6	54.4	2.6	0.0	468.4	435.7	497.2	.
Brazil	916	881	72.5	27.5	0.8	4.1	424.2	406.4	384.1	442.1
Chile	168	146	39.1	60.9	1.3	11.0	451.5	457.7	513.2	447.5
Chinese Taipei	239	234	65.9	34.1	1.8	0.0	575.7	565.4	550.9	.
Cote d'Ivoire	372	185	64.3	35.7	0.2	50.5	184.7	174.6	323.2	184.4
Cyprus	775	672	51.4	48.6	2.1	10.9	460.0	467.2	452.9	472.5
Czech Republic	1348	1252	45.6	54.4	1.5	5.7	529.6	524.3	540.2	530.6
England	262	117	63.6	36.4	3.7	38.5	525.8	535.0	574.1	530.6
Finland	1239	1191	11.4	88.6	1.2	2.4	533.9	530.3	517.4	534.6
France	379	325	42.7	57.3	1.3	11.9	485.3	490.9	456.8	472.4
Georgia	936	897	56.8	43.2	4.0	0.1	448.0	448.6	434.9	497.7
Hong Kong SAR	185	115	74.3	25.7	1.3	34.9	528.9	546.7	459.9	519.7
Hungary	1086	912	18.0	82.0	1.4	13.8	525.7	521.1	524.6	519.8
Iran, Islamic Rep. of	224	223	72.7	27.3	0.5	0.0	420.0	416.8	392.9	.
Ireland	440	407	79.4	20.6	0.8	8.4	527.9	533.0	497.9	515.8
Israel	265	239	66.9	33.1	2.1	6.8	476.9	493.9	427.2	472.1
Italy	236	228	30.1	69.9	0.2	2.9	502.0	500.4	529.2	491.0
Japan	147	143	53.6	46.4	0.4	1.7	561.2	552.3	522.7	559.5
Jordan	225	220	35.2	64.8	1.3	0.0	411.2	413.8	402.1	.
Kazakhstan	1209	1162	74.6	25.4	3.0	0.6	443.7	440.0	444.0	431.4
Korea, Rep. of	243	235	57.1	42.9	0.9	2.8	548.7	541.9	534.4	535.1
Kuwait	157	151	75.2	24.8	2.7	1.1	423.4	416.2	370.5	372.6
Lithuania	1096	940	81.1	18.9	1.6	11.0	518.1	522.5	526.5	521.3
Malaysia	313	312	41.8	58.2	0.4	0.0	424.5	427.6	444.2	.
Malta	466	389	60.2	39.8	1.3	11.9	503.2	500.0	530.0	492.7
Morocco	511	475	25.0	75.0	2.9	2.2	330.3	325.5	320.4	346.5
New Zealand	211	132	55.4	44.6	2.6	38.6	517.1	479.0	437.6	508.7
Norway (9)	310	229	7.3	92.7	2.3	21.9	489.6	490.9	500.1	478.8
Oman	284	278	41.7	58.3	2.0	0.5	461.4	451.6	441.5	515.7
Palestinian Nat'l Auth.	199	181	45.8	54.2	5.9	2.9	396.9	391.0	388.3	374.9
Portugal	521	487	60.8	39.2	1.7	4.9	507.4	502.8	522.4	498.7
Qatar	242	232	65.6	34.4	0.4	1.8	484.0	474.6	545.1	485.4
Romania	429	308	54.7	45.3	4.3	23.5	468.5	471.3	484.4	451.6
Saudi Arabia	214	190	47.6	52.4	5.8	4.7	416.6	420.8	427.4	414.6
Singapore	345	342	68.8	31.2	0.9	0.0	608.1	600.8	641.4	.
South Africa (9)	288	216	70.4	29.6	0.7	29.5	364.1	368.4	339.6	355.7
Sweden	814	668	30.8	69.2	3.8	14.1	524.8	521.5	533.8	511.5
Turkiye	189	188	37.4	62.6	0.6	0.0	545.7	520.4	478.5	.
United Arab Emirates	1614	1384	76.6	23.4	1.7	11.5	478.7	500.8	510.9	500.8
United States	672	575	63.1	36.9	2.2	8.9	512.1	521.0	495.4	505.5
Uzbekistan	668	642	80.8	19.2	2.5	1.4	397.7	390.0	378.3	387.5
International Avg. (44)	23553	20559	54.1	45.9	2.0	10.3	474.2	471.2	470.8	467.7
Abu Dhabi, UAE	597	511	74.3	25.7	1.3	11.3	435.2	464.5	459.3	447.3
Dubai, UAE	432	354	70.1	29.9	2.8	11.5	542.5	562.3	535.1	540.5
Sharjah, UAE	307	267	87.4	12.6	0.9	14.0	494.0	476.6	529.0	538.1

Question: Do you need future professional development in any of the following? Science content
Location: TQS-25Ba (BTBS25BA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	507	46.3	53.7	4.8	33.9	525.9	526.7	512.0	510.1
Austria	889	779	47.0	53.0	4.2	8.6	516.5	510.1	504.6	501.1
Azerbaijan	1140	832	59.1	40.9	13.1	12.5	409.6	413.2	409.5	415.0
Bahrain	223	210	46.5	53.5	7.3	0.0	449.1	449.1	486.5	.
Brazil	916	869	95.2	4.8	2.5	4.1	420.0	399.5	420.4	442.1
Chile	168	143	57.7	42.3	3.3	11.0	449.4	464.6	463.9	447.5
Chinese Taipei	239	231	70.7	29.3	3.5	0.0	576.6	560.2	572.0	.
Cote d'Ivoire	372	185	83.0	17.0	0.4	50.5	172.5	228.2	143.6	184.4
Cyprus	775	660	36.9	63.1	3.2	10.9	467.1	461.7	450.2	472.5
Czech Republic	1348	1235	47.2	52.8	2.4	5.7	529.3	524.4	535.6	530.6
England	262	115	37.2	62.8	4.8	38.5	513.2	537.9	568.5	530.6
Finland	1239	1182	26.0	74.0	1.8	2.4	532.0	530.4	517.3	534.6
France	379	322	56.3	43.7	2.1	11.9	491.8	482.9	495.3	472.4
Georgia	936	842	42.6	57.4	10.0	0.1	447.9	448.8	441.7	497.7
Hong Kong SAR	185	115	67.5	32.5	1.3	34.9	525.2	549.5	478.7	519.7
Hungary	1086	904	24.4	75.6	2.1	13.8	523.0	521.4	526.5	520.1
Iran, Islamic Rep. of	224	216	66.7	33.3	3.5	0.0	419.2	417.6	428.6	.
Ireland	440	375	49.6	50.4	7.6	8.8	525.4	529.6	541.2	516.5
Israel	265	223	39.5	60.5	7.2	6.8	479.7	485.9	455.5	472.1
Italy	236	227	32.5	67.5	0.6	2.9	507.1	497.7	531.3	491.0
Japan	147	143	64.1	35.9	0.4	1.7	558.8	554.0	522.7	559.5
Jordan	225	211	53.3	46.7	5.2	0.0	415.6	412.3	388.6	.
Kazakhstan	1209	1054	59.7	40.3	12.1	0.8	442.8	444.6	437.0	436.3
Korea, Rep. of	243	235	72.0	28.0	0.7	2.8	544.7	548.4	540.5	535.1
Kuwait	157	145	66.1	33.9	7.2	1.1	422.4	411.3	440.4	372.6
Lithuania	1096	899	67.3	32.7	5.1	11.2	520.6	517.4	512.5	520.5
Malaysia	313	307	46.7	53.3	2.1	0.0	429.6	422.9	443.5	.
Malta	466	377	46.4	53.6	3.5	12.7	495.3	515.7	434.4	486.2
Morocco	511	475	71.5	28.5	3.6	2.2	326.5	326.3	329.0	346.5
New Zealand	211	129	43.2	56.8	3.7	38.6	491.0	507.3	452.1	508.7
Norway (9)	310	228	35.2	64.8	2.8	21.9	486.2	493.5	495.1	478.8
Oman	284	276	56.4	43.6	2.4	0.5	457.7	453.5	437.9	515.7
Palestinian Nat'l Auth.	199	178	27.4	72.6	7.4	2.9	384.6	398.8	375.5	374.9
Portugal	521	487	35.7	64.3	1.8	4.9	506.4	505.0	529.6	498.7
Qatar	242	225	33.7	66.3	4.5	1.8	500.3	472.7	461.3	485.4
Romania	429	287	30.9	69.1	9.8	23.5	464.3	471.5	479.7	451.6
Saudi Arabia	214	176	43.9	56.1	12.2	4.7	412.3	421.4	432.6	414.6
Singapore	345	341	43.1	56.9	0.4	0.0	611.8	602.0	587.5	.
South Africa (9)	288	205	76.8	23.2	5.8	29.5	357.8	396.8	345.1	355.7
Sweden	814	673	52.6	47.4	3.0	14.0	523.8	521.3	535.5	511.0
Turkiye	189	179	46.4	53.6	5.2	0.0	529.3	529.9	527.7	.
United Arab Emirates	1614	1328	40.6	59.4	5.0	11.5	490.5	481.2	473.8	501.1
United States	672	568	45.1	54.9	3.9	8.9	511.4	518.4	507.4	505.5
Uzbekistan	668	597	73.9	26.1	9.0	1.4	396.1	394.4	397.1	387.5
International Avg. (44)	23553	19895	51.5	48.5	4.6	10.3	471.8	474.1	467.5	467.7
Abu Dhabi, UAE	597	490	41.1	58.9	3.7	11.4	440.9	442.9	460.4	448.4
Dubai, UAE	432	345	34.2	65.8	4.5	11.5	563.2	543.8	502.3	540.5
Sharjah, UAE	307	256	51.9	48.1	5.8	14.0	507.1	476.0	492.8	538.1

Question: In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction
Location: TQS-25Ab (BTBS25AB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	511	54.6	45.4	4.0	33.9	525.7	526.4	514.0	510.1
Austria	889	800	40.1	59.9	2.4	8.3	516.1	511.1	499.8	500.5
Azerbaijan	1140	913	56.5	43.5	6.3	12.4	410.5	411.7	407.9	415.1
Bahrain	223	218	64.3	35.7	2.6	0.0	456.0	441.3	492.4	.
Brazil	916	879	61.2	38.8	0.9	4.1	424.2	411.9	371.8	442.1
Chile	168	146	33.6	66.4	1.3	11.0	456.7	454.6	513.2	447.5
Chinese Taipei	239	237	54.5	45.5	1.4	0.0	576.5	567.1	540.5	.
Cote d'Ivoire	372	186	88.3	11.7	0.5	50.5	183.6	165.5	194.4	184.4
Cyprus	775	674	50.9	49.1	1.8	10.8	455.4	472.1	451.1	471.7
Czech Republic	1348	1254	29.9	70.1	1.2	5.7	526.9	526.6	545.8	530.6
England	262	117	81.4	18.6	3.7	38.5	527.3	537.2	574.1	530.6
Finland	1239	1186	13.3	86.7	1.4	2.5	532.9	530.6	511.4	531.5
France	379	325	47.6	52.4	1.4	11.9	487.3	488.9	481.4	472.4
Georgia	936	888	51.7	48.3	5.0	0.1	448.2	448.5	435.1	497.7
Hong Kong SAR	185	116	70.9	29.1	0.9	34.9	533.9	531.8	443.5	519.7
Hungary	1086	914	20.6	79.4	1.3	13.7	522.3	521.8	523.7	519.8
Iran, Islamic Rep. of	224	222	71.2	28.8	1.0	0.0	422.3	412.2	384.6	.
Ireland	440	405	70.3	29.7	0.9	8.4	526.5	534.8	497.1	515.8
Israel	265	238	71.7	28.3	2.5	6.8	483.0	482.5	423.1	472.1
Italy	236	227	38.7	61.3	0.6	2.9	497.4	502.9	530.5	491.0
Japan	147	143	56.3	43.7	0.4	1.7	560.3	552.8	522.7	559.5
Jordan	225	216	48.3	51.7	2.9	0.0	415.1	410.9	406.2	.
Kazakhstan	1209	1161	72.0	28.0	3.1	0.6	443.2	441.5	442.9	431.4
Korea, Rep. of	243	235	56.9	43.1	0.9	2.8	547.6	543.4	534.4	535.1
Kuwait	157	151	75.3	24.7	2.8	1.1	416.7	436.4	371.8	372.6
Lithuania	1096	938	55.8	44.2	1.7	11.0	518.0	520.2	524.3	521.3
Malaysia	313	312	49.8	50.2	0.4	0.0	426.8	425.8	444.2	.
Malta	466	389	50.7	49.3	1.3	11.9	504.2	499.5	530.0	492.7
Morocco	511	475	48.5	51.5	2.7	2.2	327.8	325.9	315.1	346.5
New Zealand	211	133	44.4	55.6	2.2	38.6	519.0	484.1	437.4	508.7
Norway (9)	310	230	7.5	92.5	2.0	21.9	486.9	491.2	499.1	478.8
Oman	284	276	51.3	48.7	2.6	0.5	462.7	448.7	439.8	515.7
Palestinian Nat'l Auth.	199	181	60.3	39.7	6.0	2.9	391.5	396.2	393.6	374.9
Portugal	521	486	51.3	48.7	1.8	4.9	506.1	505.1	521.7	498.7
Qatar	242	233	74.5	25.5	0.3	1.8	481.2	480.1	539.6	485.4
Romania	429	308	49.2	50.8	4.3	23.5	471.7	468.0	484.4	451.6
Saudi Arabia	214	188	57.9	42.1	6.6	4.7	412.3	429.1	419.4	414.6
Singapore	345	343	84.7	15.3	0.1	0.0	606.1	606.3	596.8	.
South Africa (9)	288	214	47.9	52.1	1.8	29.5	359.3	371.6	340.7	355.7
Sweden	814	671	28.2	71.8	3.5	14.1	516.7	524.8	533.7	511.5
Turkiye	189	188	29.9	70.1	0.6	0.0	540.7	525.2	478.5	.
United Arab Emirates	1614	1382	79.7	20.3	1.7	11.5	481.0	495.4	507.7	500.8
United States	672	573	60.3	39.7	2.3	8.9	515.7	515.2	493.8	505.5
Uzbekistan	668	639	80.6	19.4	3.0	1.4	397.5	390.8	383.4	387.5
International Avg. (44)	23553	20521	54.4	45.6	2.2	10.3	473.2	472.0	465.8	467.6
Abu Dhabi, UAE	597	511	76.9	23.1	1.3	11.3	438.3	457.7	459.3	447.3
Dubai, UAE	432	355	75.6	24.4	2.4	11.5	545.2	558.0	536.2	540.5
Sharjah, UAE	307	265	88.0	12.0	1.4	14.0	493.8	476.0	524.1	538.1

Question: Do you need future professional development in any of the following? Science pedagogy/instruction
 Location: TQS-25Bb (BTBS25BB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	506	58.8	41.2	4.9	33.9	523.8	529.9	512.6	510.1
Austria	889	778	44.4	55.6	4.1	8.6	515.5	511.0	507.3	501.1
Azerbaijan	1140	837	60.1	39.9	12.9	12.4	408.9	414.4	409.6	414.9
Bahrain	223	209	51.6	48.4	7.5	0.0	450.2	447.5	488.5	.
Brazil	916	868	94.3	5.7	2.7	4.1	420.3	398.0	418.8	442.1
Chile	168	144	60.3	39.7	2.9	11.0	452.6	461.6	455.4	447.5
Chinese Taipei	239	232	68.3	31.7	2.8	0.0	575.5	563.9	571.6	.
Cote d'Ivoire	372	184	86.6	13.4	0.8	50.5	180.7	192.9	137.7	184.4
Cyprus	775	664	48.5	51.5	2.8	10.8	467.1	460.3	455.1	471.7
Czech Republic	1348	1234	42.8	57.2	2.4	5.7	528.4	525.4	536.7	530.6
England	262	115	44.4	55.6	4.8	38.5	520.4	535.4	568.5	530.6
Finland	1239	1179	43.8	56.2	2.0	2.4	533.8	528.3	521.6	534.6
France	379	324	63.8	36.2	1.7	11.9	488.1	487.9	488.2	472.4
Georgia	936	840	45.1	54.9	10.4	0.1	452.5	445.4	439.8	497.7
Hong Kong SAR	185	114	77.7	22.3	2.0	34.9	528.2	551.0	491.1	519.7
Hungary	1086	907	31.0	69.0	2.0	13.8	526.0	520.1	521.3	520.0
Iran, Islamic Rep. of	224	216	62.5	37.5	3.5	0.0	418.5	418.9	428.6	.
Ireland	440	377	51.8	48.2	7.4	8.8	529.9	524.9	541.7	516.5
Israel	265	226	39.8	60.2	6.2	6.8	481.2	483.9	459.5	472.1
Italy	236	227	53.9	46.1	0.6	2.9	505.8	494.9	531.3	491.0
Japan	147	143	82.9	17.1	0.4	1.7	554.8	568.1	522.7	559.5
Jordan	225	209	50.5	49.5	6.1	0.0	418.9	409.7	387.8	.
Kazakhstan	1209	1057	61.5	38.5	11.8	0.7	442.5	445.0	438.0	426.9
Korea, Rep. of	243	235	78.0	22.0	0.7	2.8	544.5	550.0	540.5	535.1
Kuwait	157	143	69.3	30.7	8.6	1.1	421.1	414.2	433.1	372.6
Lithuania	1096	902	64.5	35.5	4.8	11.2	520.8	516.9	513.9	520.5
Malaysia	313	306	56.7	43.3	2.4	0.0	435.3	413.3	451.3	.
Malta	466	377	51.5	48.5	3.4	12.4	499.4	511.7	442.4	488.6
Morocco	511	475	76.3	23.7	3.6	2.2	325.4	331.4	319.5	346.5
New Zealand	211	130	46.9	53.1	3.5	38.6	490.7	508.5	451.3	508.7
Norway (9)	310	230	39.0	61.0	2.0	21.9	483.9	495.5	493.9	478.8
Oman	284	273	57.1	42.9	3.5	0.5	453.8	458.4	445.7	515.7
Palestinian Nat'l Auth.	199	177	24.9	75.1	8.0	2.9	392.8	395.6	376.9	374.9
Portugal	521	485	44.9	55.1	2.4	4.9	505.7	505.3	523.4	498.7
Qatar	242	223	42.7	57.3	5.3	1.8	506.5	464.3	459.0	485.4
Romania	429	287	40.2	59.8	10.4	23.5	465.4	471.4	481.1	451.6
Saudi Arabia	214	175	42.4	57.6	12.8	4.7	416.4	417.9	432.9	414.6
Singapore	345	341	63.2	36.8	0.4	0.0	611.8	596.6	587.5	.
South Africa (9)	288	205	76.8	23.2	5.5	29.5	355.7	402.7	347.7	355.7
Sweden	814	670	53.8	46.2	3.3	14.0	522.6	523.0	530.4	511.0
Turkiye	189	179	47.6	52.4	5.2	0.0	530.1	529.2	527.7	.
United Arab Emirates	1614	1328	46.4	53.6	4.6	11.5	489.8	480.6	475.1	501.1
United States	672	567	47.4	52.6	4.2	8.9	511.0	519.1	507.3	505.5
Uzbekistan	668	594	74.1	25.9	9.4	1.4	394.9	397.8	396.8	387.5
International Avg. (44)	23553	19892	56.1	43.9	4.7	10.3	472.8	473.2	467.5	467.5
Abu Dhabi, UAE	597	490	49.5	50.5	3.8	11.4	439.1	444.5	465.0	448.4
Dubai, UAE	432	344	41.4	58.6	4.6	11.5	558.7	544.7	502.8	540.5
Sharjah, UAE	307	256	56.1	43.9	4.4	14.0	506.6	474.1	489.4	538.1

Question: In the past two years, have you participated in professional development in any of the following? Science curriculum
Location: TQS-25Ac (BTBS25AC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	511	59.2	40.8	4.0	33.9	526.2	525.8	514.0	510.1
Austria	889	802	21.8	78.2	2.3	8.3	518.5	511.5	502.1	500.5
Azerbaijan	1140	914	58.8	41.2	6.4	12.3	410.3	413.0	403.1	415.2
Bahrain	223	219	41.1	58.9	2.5	0.0	471.5	436.4	491.8	.
Brazil	916	876	57.8	42.2	0.9	4.1	417.9	421.3	386.7	442.1
Chile	168	145	32.3	67.7	2.0	11.0	462.3	453.0	464.4	447.5
Chinese Taipei	239	235	61.8	38.2	1.9	0.0	573.3	571.4	532.6	.
Cote d'Ivoire	372	185	71.7	28.3	0.2	50.5	179.9	184.3	323.2	184.4
Cyprus	775	675	49.2	50.8	1.8	10.8	458.0	469.0	452.1	471.7
Czech Republic	1348	1251	10.7	89.3	1.6	5.7	527.8	526.7	532.1	530.6
England	262	117	72.2	27.8	3.7	38.5	523.5	543.9	574.1	530.6
Finland	1239	1187	19.8	80.2	1.5	2.5	539.5	528.7	513.6	534.0
France	379	325	24.0	76.0	1.4	11.9	489.0	488.0	480.4	472.4
Georgia	936	885	52.6	47.4	5.3	0.1	447.9	449.0	435.0	497.7
Hong Kong SAR	185	116	65.9	34.1	0.9	34.9	541.0	518.2	443.5	519.7
Hungary	1086	914	11.4	88.6	1.3	13.7	525.5	521.4	523.7	519.8
Iran, Islamic Rep. of	224	221	58.7	41.3	1.3	0.0	415.2	424.4	419.7	.
Ireland	440	404	79.1	20.9	1.2	8.5	527.6	534.0	507.4	515.6
Israel	265	236	47.4	52.6	3.1	6.8	484.4	480.6	449.0	472.1
Italy	236	227	10.7	89.3	0.6	2.9	499.6	501.1	502.5	491.0
Japan	147	143	30.9	69.1	0.4	1.7	559.8	555.9	522.7	559.5
Jordan	225	219	36.4	63.6	1.7	0.0	413.9	412.1	412.5	.
Kazakhstan	1209	1154	66.0	34.0	4.0	0.6	442.2	443.9	442.3	431.4
Korea, Rep. of	243	235	44.6	55.4	0.9	2.8	549.5	542.8	534.4	535.1
Kuwait	157	148	73.9	26.1	5.3	1.1	419.4	432.9	371.9	372.6
Lithuania	1096	939	78.3	21.7	1.6	11.0	516.7	526.7	526.6	521.3
Malaysia	313	312	38.8	61.2	0.4	0.0	426.5	426.2	444.2	.
Malta	466	387	79.9	20.1	1.6	12.2	505.4	491.3	510.2	490.0
Morocco	511	476	27.7	72.3	2.8	2.2	332.8	324.6	315.1	346.5
New Zealand	211	133	66.8	33.2	2.2	38.6	513.5	471.8	437.4	508.7
Norway (9)	310	230	7.9	92.1	2.0	21.9	496.3	490.4	499.9	478.8
Oman	284	274	38.7	61.3	3.5	0.5	458.4	454.0	448.7	515.7
Palestinian Nat'l Auth.	199	181	36.2	63.8	5.6	2.9	392.6	394.4	387.7	374.9
Portugal	521	485	33.6	66.4	2.2	4.9	506.5	505.1	520.8	498.7
Qatar	242	232	58.4	41.6	0.4	1.8	489.9	468.0	545.1	485.4
Romania	429	307	46.8	53.2	4.5	23.5	469.3	470.1	485.1	451.6
Saudi Arabia	214	187	41.8	58.2	7.4	4.7	417.6	421.8	411.2	414.6
Singapore	345	342	76.2	23.8	0.4	0.0	606.9	603.8	607.1	.
South Africa (9)	288	215	71.8	28.2	0.8	29.5	357.1	386.3	346.5	355.7
Sweden	814	668	66.3	33.7	3.6	14.1	520.2	527.7	529.8	511.5
Turkiye	189	187	27.3	72.7	1.3	0.0	540.0	525.2	547.3	.
United Arab Emirates	1614	1386	75.9	24.1	1.5	11.5	480.4	495.3	507.9	500.8
United States	672	574	68.3	31.7	2.3	8.9	516.0	514.1	497.0	505.5
Uzbekistan	668	637	77.3	22.7	3.1	1.4	397.7	391.7	379.1	387.5
International Avg. (44)	23553	20496	49.5	50.5	2.3	10.3	474.3	472.2	470.0	467.6
Abu Dhabi, UAE	597	511	75.7	24.3	1.3	11.3	435.9	464.0	459.3	447.3
Dubai, UAE	432	356	71.8	28.2	2.3	11.5	544.1	559.2	533.7	540.5
Sharjah, UAE	307	267	86.5	13.5	0.9	14.0	494.1	477.1	529.0	538.1

Question: Do you need future professional development in any of the following? Science curriculum
Location: TQS-25Bc (BTBS25BC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	507	52.9	47.1	4.8	33.9	526.3	526.4	512.0	510.1
Austria	889	781	34.5	65.5	4.0	8.6	512.3	513.8	501.0	500.9
Azerbaijan	1140	837	58.9	41.1	13.1	12.4	407.7	416.2	408.9	414.9
Bahrain	223	207	49.5	50.5	8.3	0.0	452.3	446.5	479.5	.
Brazil	916	869	92.1	7.9	2.6	4.1	420.3	403.7	418.4	442.1
Chile	168	142	56.6	43.4	3.9	11.0	451.4	461.9	460.2	447.5
Chinese Taipei	239	232	64.2	35.8	2.8	0.0	576.9	562.7	571.6	.
Cote d'Ivoire	372	185	79.1	20.9	0.4	50.5	180.9	186.1	143.6	184.4
Cyprus	775	661	36.8	63.2	3.2	10.8	467.1	462.0	448.4	471.7
Czech Republic	1348	1229	29.6	70.4	2.9	5.7	524.9	526.9	547.5	530.6
England	262	114	41.5	58.5	5.3	38.5	518.0	538.2	554.0	530.6
Finland	1239	1175	28.8	71.2	2.0	2.4	532.3	530.2	518.0	534.6
France	379	322	50.7	49.3	2.4	11.9	493.1	482.7	491.8	472.4
Georgia	936	837	44.8	55.2	10.7	0.1	449.8	447.9	439.0	497.7
Hong Kong SAR	185	115	68.0	32.0	1.3	34.9	526.7	546.6	478.7	519.7
Hungary	1086	905	18.6	81.4	2.1	13.8	517.1	522.9	525.6	520.0
Iran, Islamic Rep. of	224	215	58.6	41.4	3.9	0.0	419.1	418.1	427.0	.
Ireland	440	370	48.2	51.8	8.2	8.9	527.8	527.7	537.9	516.3
Israel	265	221	35.3	64.7	8.0	6.8	463.8	493.5	462.5	472.1
Italy	236	226	32.3	67.7	1.0	2.9	503.5	499.6	511.1	491.0
Japan	147	143	51.2	48.8	0.4	1.7	553.5	560.8	522.7	559.5
Jordan	225	209	52.1	47.9	5.3	0.0	415.6	412.3	389.6	.
Kazakhstan	1209	1045	62.4	37.6	12.9	0.7	443.1	443.7	439.2	426.9
Korea, Rep. of	243	234	68.5	31.5	1.5	2.8	544.5	548.0	549.2	535.1
Kuwait	157	141	51.6	48.4	10.3	1.1	420.1	419.0	425.7	372.6
Lithuania	1096	901	71.0	29.0	5.0	11.2	519.6	518.2	518.1	520.5
Malaysia	313	307	48.4	51.6	2.1	0.0	431.8	420.7	443.5	.
Malta	466	379	54.9	45.1	3.1	12.4	503.1	506.4	457.8	488.6
Morocco	511	473	79.7	20.3	3.9	2.2	328.3	321.1	318.1	346.5
New Zealand	211	130	62.6	37.4	3.5	38.6	492.4	513.2	451.3	508.7
Norway (9)	310	229	29.1	70.9	2.3	21.9	481.5	494.9	493.7	478.8
Oman	284	273	58.4	41.6	3.6	0.5	457.9	453.1	442.9	515.7
Palestinian Nat'l Auth.	199	177	27.4	72.6	7.9	2.9	387.5	397.4	379.2	374.9
Portugal	521	486	27.9	72.1	2.1	4.9	509.8	504.6	501.8	498.7
Qatar	242	222	37.3	62.7	6.5	1.8	501.6	472.4	449.8	485.4
Romania	429	286	33.4	66.6	10.5	23.5	469.3	469.0	479.8	451.6
Saudi Arabia	214	172	44.5	55.5	14.3	4.7	420.2	416.7	425.5	414.6
Singapore	345	341	45.4	54.6	0.4	0.0	615.3	598.7	587.5	.
South Africa (9)	288	204	71.0	29.0	5.6	29.5	354.9	394.3	350.9	355.7
Sweden	814	670	26.9	73.1	3.2	14.0	523.1	522.5	532.0	511.0
Turkiye	189	177	43.4	56.6	6.3	0.0	523.5	533.1	538.0	.
United Arab Emirates	1614	1320	45.7	54.3	5.4	11.5	490.0	480.1	480.5	501.1
United States	672	567	50.4	49.6	3.9	9.1	510.8	519.7	507.1	506.1
Uzbekistan	668	598	74.4	25.6	9.0	1.4	395.7	395.2	398.1	387.5
International Avg. (44)	23553	19834	50.0	50.0	5.0	10.3	471.9	473.4	466.3	467.5
Abu Dhabi, UAE	597	485	49.7	50.3	4.9	11.4	443.8	438.6	470.8	448.4
Dubai, UAE	432	343	39.0	61.0	5.0	11.5	556.0	546.8	507.8	540.5
Sharjah, UAE	307	255	54.1	45.9	5.9	14.0	508.8	472.1	494.9	538.1

Question: In the past two years, have you participated in professional development in any of the following? Integrating technology into science instruction
Location: TQS-25Ad (BTBS25AD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	508	45.8	54.2	4.2	33.9	521.5	530.1	513.2	510.1
Austria	889	801	34.3	65.7	2.2	8.4	522.3	508.1	502.5	500.7
Azerbaijan	1140	910	44.9	55.1	6.6	12.4	411.3	411.8	401.9	415.1
Bahrain	223	218	72.1	27.9	2.5	0.0	450.9	450.4	492.3	.
Brazil	916	878	64.3	35.7	0.9	4.1	431.3	397.8	382.8	442.1
Chile	168	146	35.1	64.9	1.3	11.0	457.1	454.4	513.2	447.5
Chinese Taipei	239	237	69.6	30.4	1.4	0.0	576.4	562.7	540.5	.
Cote d'Ivoire	372	187	26.6	73.4	0.0	50.5	197.4	175.9	.	184.4
Cyprus	775	673	44.4	55.6	1.9	10.8	456.0	470.1	440.3	471.7
Czech Republic	1348	1256	52.3	47.7	1.1	5.7	525.8	527.8	544.8	530.6
England	262	117	26.1	73.9	3.7	38.5	527.4	529.8	574.1	530.6
Finland	1239	1188	18.1	81.9	1.4	2.4	527.9	531.2	523.5	534.6
France	379	326	33.0	67.0	1.0	11.9	484.6	490.3	458.4	472.4
Georgia	936	889	68.6	31.4	4.8	0.1	449.3	446.6	434.2	497.7
Hong Kong SAR	185	116	70.9	29.1	0.9	34.9	534.7	529.7	443.5	519.7
Hungary	1086	912	16.5	83.5	1.5	13.7	523.7	521.6	523.1	519.8
Iran, Islamic Rep. of	224	221	61.1	38.9	1.4	0.0	420.9	415.9	422.3	.
Ireland	440	407	50.4	49.6	0.8	8.4	529.8	528.0	497.9	515.8
Israel	265	237	61.2	38.8	2.6	6.8	478.3	489.8	429.2	472.1
Italy	236	228	37.5	62.5	0.2	2.9	500.0	501.4	529.2	491.0
Japan	147	143	22.1	77.9	0.4	1.7	560.0	556.2	522.7	559.5
Jordan	225	215	47.1	52.9	3.7	0.0	413.2	413.5	396.8	.
Kazakhstan	1209	1161	71.2	28.8	3.0	0.6	441.6	444.9	449.8	431.4
Korea, Rep. of	243	235	45.9	54.1	0.9	2.8	550.6	541.7	534.4	535.1
Kuwait	157	151	73.7	26.3	2.8	1.1	420.5	424.7	371.8	372.6
Lithuania	1096	935	56.5	43.5	2.1	11.0	515.4	523.4	526.1	521.3
Malaysia	313	312	33.9	66.1	0.4	0.0	427.2	425.9	444.2	.
Malta	466	388	41.5	58.5	1.1	12.2	502.6	503.5	471.1	490.0
Morocco	511	474	45.2	54.8	3.1	2.2	329.1	324.5	325.0	346.5
New Zealand	211	133	27.4	72.6	2.2	38.6	515.6	493.6	437.4	508.7
Norway (9)	310	231	13.2	86.8	1.7	21.9	492.8	490.6	499.4	478.8
Oman	284	277	49.1	50.9	2.2	0.5	462.8	448.4	452.9	515.7
Palestinian Nat'l Auth.	199	180	64.3	35.7	6.6	2.9	396.3	388.9	389.8	374.9
Portugal	521	487	78.1	21.9	1.7	4.9	504.6	509.2	522.4	498.7
Qatar	242	233	76.6	23.4	0.3	1.8	482.1	476.8	539.6	485.4
Romania	429	307	56.9	43.1	4.4	23.5	473.3	465.2	483.1	451.6
Saudi Arabia	214	189	60.6	39.4	6.5	4.7	421.1	415.3	426.0	414.6
Singapore	345	343	77.5	22.5	0.1	0.0	606.3	605.6	596.8	.
South Africa (9)	288	216	41.1	58.9	0.7	29.5	368.5	363.1	339.6	355.7
Sweden	814	667	12.3	87.7	4.1	14.1	530.2	521.0	540.4	511.5
Turkiye	189	187	44.5	55.5	1.4	0.0	538.1	524.9	438.3	.
United Arab Emirates	1614	1385	84.6	15.4	1.6	11.5	481.4	497.7	509.8	500.8
United States	672	574	58.3	41.7	2.2	8.9	512.3	519.7	495.5	505.5
Uzbekistan	668	635	67.1	32.9	3.5	1.4	398.3	392.3	381.7	387.5
International Avg. (44)	23553	20513	49.6	50.4	2.2	10.3	474.3	471.5	471.2	467.6
Abu Dhabi, UAE	597	510	82.9	17.1	1.5	11.3	439.3	458.0	470.8	447.3
Dubai, UAE	432	356	79.1	20.9	2.3	11.5	548.0	550.0	533.7	540.5
Sharjah, UAE	307	267	91.2	8.8	0.9	14.0	492.3	486.4	529.0	538.1

Question: Do you need future professional development in any of the following? Integrating technology into science instruction
Location: TQS-25Bd (BTBS25BD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	504	59.2	40.8	4.9	34.0	521.1	533.7	512.9	510.2
Austria	889	778	45.7	54.3	4.2	8.6	514.8	511.4	508.3	501.1
Azerbaijan	1140	833	67.5	32.5	13.2	12.4	409.6	413.8	410.1	414.9
Bahrain	223	208	49.7	50.3	8.5	0.0	446.2	451.7	482.5	.
Brazil	916	867	97.2	2.8	2.8	4.1	419.7	398.3	415.8	442.1
Chile	168	144	77.6	22.4	2.9	11.0	453.3	466.3	455.4	447.5
Chinese Taipei	239	231	79.9	20.1	3.9	0.0	573.3	565.7	573.5	.
Cote d'Ivoire	372	185	92.1	7.9	0.4	50.5	183.8	161.0	143.6	184.4
Cyprus	775	659	60.0	40.0	3.2	11.0	465.3	461.9	448.0	471.3
Czech Republic	1348	1233	64.6	35.4	2.6	5.7	526.7	526.4	538.3	530.6
England	262	117	59.2	40.8	3.5	38.5	527.1	532.1	576.5	530.6
Finland	1239	1179	56.0	44.0	2.0	2.4	533.3	527.4	521.6	534.6
France	379	319	55.6	44.4	3.0	11.9	491.5	484.2	482.9	472.4
Georgia	936	843	58.6	41.4	9.7	0.1	449.0	448.3	438.4	497.7
Hong Kong SAR	185	115	83.1	16.9	1.3	34.9	532.5	535.7	478.7	519.7
Hungary	1086	901	37.7	62.3	2.3	14.0	522.0	521.3	533.8	520.1
Iran, Islamic Rep. of	224	215	78.4	21.6	3.9	0.0	418.7	420.3	418.8	.
Ireland	440	376	64.7	35.3	7.4	8.8	529.4	524.1	541.5	516.5
Israel	265	226	51.5	48.5	6.2	6.8	468.9	497.7	459.5	472.1
Italy	236	226	66.4	33.6	0.9	2.9	501.7	498.7	533.0	491.0
Japan	147	143	77.0	23.0	0.4	1.7	553.5	569.0	522.7	559.5
Jordan	225	208	63.4	36.6	6.0	0.0	414.9	412.2	394.2	.
Kazakhstan	1209	1049	67.2	32.8	12.5	0.8	441.9	445.8	439.6	436.3
Korea, Rep. of	243	235	77.2	22.8	0.7	2.8	544.6	549.5	540.5	535.1
Kuwait	157	144	68.4	31.6	7.9	1.1	422.8	410.3	436.3	372.6
Lithuania	1096	900	69.6	30.4	5.1	11.2	518.1	522.7	513.5	520.5
Malaysia	313	307	66.9	33.1	2.1	0.0	428.5	421.0	443.5	.
Malta	466	376	63.9	36.1	4.6	12.4	503.7	508.8	455.9	488.6
Morocco	511	474	85.5	14.5	3.7	2.2	327.4	323.0	319.4	346.5
New Zealand	211	129	43.2	56.8	3.8	38.6	488.8	507.4	467.4	508.7
Norway (9)	310	229	52.9	47.1	2.3	21.9	490.1	492.1	492.7	478.8
Oman	284	273	68.3	31.7	3.4	0.5	454.1	459.5	444.1	515.7
Palestinian Nat'l Auth.	199	178	41.6	58.4	7.4	2.9	394.5	395.1	375.5	374.9
Portugal	521	485	57.9	42.1	2.4	4.9	504.7	506.5	524.1	498.7
Qatar	242	222	46.8	53.2	6.5	1.8	493.9	474.0	449.8	485.4
Romania	429	287	47.0	53.0	10.3	23.5	467.0	471.7	477.9	451.6
Saudi Arabia	214	174	57.0	43.0	13.4	4.7	416.9	417.5	432.8	414.6
Singapore	345	340	61.1	38.9	0.6	0.0	605.8	607.3	571.2	.
South Africa (9)	288	206	82.6	17.4	5.0	29.5	356.5	409.2	357.1	355.7
Sweden	814	673	55.2	44.8	3.0	14.0	525.4	519.1	535.5	511.0
Turkiye	189	180	59.2	40.8	4.3	0.0	525.0	536.3	527.4	.
United Arab Emirates	1614	1327	51.9	48.1	5.0	11.5	498.1	470.2	478.9	501.1
United States	672	568	49.8	50.2	3.9	8.9	509.2	521.3	507.1	505.5
Uzbekistan	668	599	77.2	22.8	9.0	1.4	395.0	397.9	397.1	387.5
International Avg. (44)	23553	19865	63.5	36.5	4.8	10.3	472.0	473.4	467.7	467.7
Abu Dhabi, UAE	597	491	52.6	47.4	3.6	11.4	448.9	434.4	461.9	448.4
Dubai, UAE	432	344	52.5	47.5	4.8	11.5	563.6	535.5	508.3	540.5
Sharjah, UAE	307	254	58.1	41.9	6.3	14.0	508.6	468.8	495.5	538.1

Question: In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking
or inquiry skills
Location: TQS-25Ae (BTBS25AE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	510	47.1	52.9	4.0	33.9	525.3	526.8	513.9	510.1
Austria	889	801	20.1	79.9	2.3	8.4	509.5	513.9	502.1	500.7
Azerbaijan	1140	913	47.5	52.5	6.3	12.4	409.1	413.3	404.5	415.2
Bahrain	223	218	73.1	26.9	3.8	0.0	458.0	433.2	464.4	.
Brazil	916	877	46.3	53.7	0.9	4.1	424.7	414.8	378.9	442.1
Chile	168	146	37.8	62.2	1.3	11.0	461.8	451.3	513.2	447.5
Chinese Taipei	239	236	43.5	56.5	1.5	0.0	576.7	568.9	542.4	.
Cote d'Ivoire	372	186	48.6	51.4	0.2	50.5	192.9	171.6	120.0	184.4
Cyprus	775	671	38.0	62.0	1.9	10.9	464.5	463.7	439.5	470.9
Czech Republic	1348	1254	38.3	61.7	1.2	5.7	528.2	526.0	533.9	530.6
England	262	116	39.7	60.3	4.4	38.5	541.7	522.2	557.2	530.6
Finland	1239	1188	5.9	94.1	1.5	2.4	543.7	529.9	520.7	534.6
France	379	326	18.0	82.0	1.0	11.9	487.5	488.6	458.4	472.4
Georgia	936	892	47.5	52.5	4.5	0.1	448.2	448.5	433.9	497.7
Hong Kong SAR	185	116	46.5	53.5	0.9	34.9	538.4	528.8	443.5	519.7
Hungary	1086	912	17.4	82.6	1.5	13.7	519.6	522.3	526.4	519.8
Iran, Islamic Rep. of	224	223	53.5	46.5	0.5	0.0	416.7	421.9	392.9	.
Ireland	440	406	48.6	51.4	1.1	8.4	532.8	525.4	501.7	515.8
Israel	265	236	43.8	56.2	3.5	6.8	481.0	483.8	447.7	472.1
Italy	236	227	21.0	79.0	0.6	2.9	509.9	498.6	502.5	491.0
Japan	147	143	16.6	83.4	0.4	1.7	558.7	556.7	522.7	559.5
Jordan	225	218	47.0	53.0	2.0	0.0	421.0	405.8	400.8	.
Kazakhstan	1209	1161	69.0	31.0	3.2	0.6	440.8	446.8	444.6	431.4
Korea, Rep. of	243	235	35.5	64.5	0.9	2.8	551.3	542.8	534.4	535.1
Kuwait	157	151	69.1	30.9	2.7	1.1	423.3	418.0	369.7	372.6
Lithuania	1096	940	49.5	50.5	1.6	11.0	518.7	519.2	524.8	521.3
Malaysia	313	312	42.0	58.0	0.4	0.0	423.3	428.5	444.2	.
Malta	466	390	33.9	66.1	0.8	11.9	514.6	496.2	488.1	492.7
Morocco	511	473	31.0	69.0	3.2	2.2	335.7	322.7	319.8	346.5
New Zealand	211	133	19.9	80.1	2.2	38.6	540.3	489.5	437.4	508.7
Norway (9)	310	230	3.7	96.3	2.0	21.9	495.3	490.7	499.1	478.8
Oman	284	275	41.0	59.0	3.2	0.5	464.3	449.5	451.7	515.7
Palestinian Nat'l Auth.	199	180	63.8	36.2	6.6	2.9	397.3	390.0	376.1	374.9
Portugal	521	486	20.5	79.5	1.8	4.9	504.7	505.8	523.9	498.7
Qatar	242	233	78.8	21.2	0.3	1.8	478.9	488.1	539.6	485.4
Romania	429	305	41.1	58.9	5.6	23.5	473.9	466.3	486.0	451.6
Saudi Arabia	214	190	61.6	38.4	6.0	4.7	416.0	424.7	418.9	414.6
Singapore	345	342	46.9	53.1	0.2	0.0	605.0	607.3	570.6	.
South Africa (9)	288	214	47.6	52.4	1.0	29.5	359.4	370.2	367.8	355.7
Sweden	814	671	9.1	90.9	3.5	14.1	520.6	522.7	533.7	511.5
Turkiye	189	187	27.8	72.2	1.0	0.0	536.9	527.0	505.5	.
United Arab Emirates	1614	1383	83.6	16.4	1.6	11.5	483.1	488.9	503.4	500.8
United States	672	571	56.3	43.7	2.6	9.1	512.0	518.5	516.5	506.1
Uzbekistan	668	636	72.4	27.6	3.5	1.4	397.5	392.9	383.4	387.5
International Avg. (44)	23553	20513	42.0	58.0	2.3	10.3	476.0	471.0	462.7	467.7
Abu Dhabi, UAE	597	509	81.2	18.8	1.5	11.3	443.4	440.3	451.2	447.3
Dubai, UAE	432	356	81.1	18.9	2.3	11.5	545.9	559.3	533.7	540.5
Sharjah, UAE	307	266	89.4	10.6	1.2	14.0	492.0	489.6	524.1	538.1

Question: Do you need future professional development in any of the following? Improving students' critical thinking or inquiry skills
Location: TQS-25Be (BTBS25BE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	507	74.7	25.3	4.8	33.9	522.7	537.0	512.0	510.1
Austria	889	782	41.8	58.2	3.7	8.6	514.2	512.2	505.9	501.1
Azerbaijan	1140	834	63.1	36.9	13.0	12.4	407.3	416.7	411.2	414.9
Bahrain	223	208	51.9	48.1	8.5	0.0	450.3	447.5	482.5	.
Brazil	916	867	95.5	4.5	2.8	4.1	420.1	397.9	416.1	442.1
Chile	168	142	76.8	23.2	4.0	11.0	450.4	472.7	468.2	447.5
Chinese Taipei	239	232	80.3	19.7	3.3	0.0	574.3	561.6	572.5	.
Cote d'Ivoire	372	185	87.6	12.4	0.4	50.5	178.8	203.9	143.6	184.4
Cyprus	775	664	57.8	42.2	2.8	10.8	466.5	459.6	455.1	471.7
Czech Republic	1348	1233	59.4	40.6	2.6	5.7	527.2	525.6	541.0	530.6
England	262	115	58.2	41.8	4.8	38.5	514.9	548.0	568.5	530.6
Finland	1239	1180	47.7	52.3	1.9	2.4	531.3	530.5	513.0	534.6
France	379	322	59.9	40.1	2.2	11.9	488.4	487.7	485.9	472.4
Georgia	936	846	61.0	39.0	9.6	0.1	450.4	444.9	442.8	497.7
Hong Kong SAR	185	115	78.9	21.1	1.3	34.9	533.0	533.5	478.7	519.7
Hungary	1086	906	44.0	56.0	2.0	13.8	521.6	522.0	524.0	520.0
Iran, Islamic Rep. of	224	215	68.8	31.2	3.9	0.0	419.4	418.1	418.8	.
Ireland	440	373	75.5	24.5	7.9	8.8	527.0	528.5	542.1	516.5
Israel	265	224	57.4	42.6	6.6	6.8	477.1	489.9	464.4	472.1
Italy	236	227	56.4	43.6	0.6	2.9	504.2	496.3	531.3	491.0
Japan	147	143	80.2	19.8	0.4	1.7	554.5	567.5	522.7	559.5
Jordan	225	206	55.4	44.6	7.1	0.0	414.5	416.8	376.1	.
Kazakhstan	1209	1054	67.8	32.2	11.9	0.8	442.8	444.8	437.4	436.3
Korea, Rep. of	243	235	78.7	21.3	0.7	2.8	544.8	549.3	540.5	535.1
Kuwait	157	141	72.7	27.3	9.8	1.1	417.8	424.0	426.8	372.6
Lithuania	1096	900	68.6	31.4	5.2	11.2	518.7	521.2	513.3	520.5
Malaysia	313	307	65.6	34.4	2.1	0.0	425.9	426.2	443.5	.
Malta	466	377	67.7	32.3	4.0	12.4	503.7	508.9	452.9	488.6
Morocco	511	472	82.2	17.8	3.9	2.2	325.4	333.6	317.3	346.5
New Zealand	211	130	60.4	39.6	3.5	38.6	496.5	505.8	451.3	508.7
Norway (9)	310	230	37.6	62.4	2.0	21.9	484.7	494.8	493.9	478.8
Oman	284	274	63.1	36.9	3.3	0.5	453.1	460.0	449.5	515.7
Palestinian Nat'l Auth.	199	176	33.6	66.4	8.4	2.9	391.1	396.5	380.2	374.9
Portugal	521	487	66.1	33.9	1.9	4.9	508.2	500.7	520.6	498.7
Qatar	242	222	46.9	53.1	5.4	1.8	496.7	469.5	460.7	485.4
Romania	429	290	56.0	44.0	9.6	23.5	469.9	468.0	481.3	451.6
Saudi Arabia	214	175	52.9	47.1	12.8	4.7	418.4	417.2	429.1	414.6
Singapore	345	341	66.4	33.6	0.4	0.0	607.2	604.3	587.5	.
South Africa (9)	288	202	84.6	15.4	6.0	29.5	360.5	395.9	356.1	355.7
Sweden	814	672	65.1	34.9	3.1	14.0	520.2	527.0	536.1	511.0
Turkiye	189	180	61.8	38.2	4.3	0.0	530.7	527.8	527.4	.
United Arab Emirates	1614	1328	57.2	42.8	4.9	11.5	492.9	473.1	483.6	501.1
United States	672	568	59.4	40.6	4.3	8.9	512.7	517.7	518.7	505.5
Uzbekistan	668	598	73.5	26.5	9.1	1.4	394.4	399.6	396.1	387.5
International Avg. (44)	23553	19885	64.1	35.9	4.8	10.3	471.9	474.6	467.7	467.7
Abu Dhabi, UAE	597	491	60.8	39.2	3.6	11.4	439.0	446.8	461.9	448.4
Dubai, UAE	432	343	58.1	41.9	5.7	11.5	564.7	528.6	524.5	540.5
Sharjah, UAE	307	256	59.7	40.3	4.7	14.0	504.4	474.6	487.8	538.1

Question: In the past two years, have you participated in professional development in any of the following? Science assessment
Location: TQS-25Af (BTBS25AF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Australia	864	511	41.5	58.5	4.0	33.9	520.8	529.8	514.0	510.1
Austria	889	801	11.6	88.4	2.3	8.4	510.6	513.3	502.1	500.7
Azerbaijan	1140	912	54.2	45.8	6.4	12.4	411.1	411.6	404.4	415.2
Bahrain	223	217	51.4	48.6	4.9	0.0	467.1	434.8	459.5	.
Brazil	916	876	54.8	45.2	1.4	4.1	423.1	415.5	374.6	442.1
Chile	168	145	21.9	78.1	1.9	11.0	459.8	454.2	488.3	447.5
Chinese Taipei	239	237	52.6	47.4	1.4	0.0	573.2	571.3	540.5	.
Cote d'Ivoire	372	186	80.0	20.0	0.2	50.5	172.5	219.9	120.0	184.4
Cyprus	775	676	46.1	53.9	1.4	10.9	453.7	472.0	441.7	472.5
Czech Republic	1348	1253	17.7	82.3	1.3	5.7	525.5	527.0	543.8	530.6
England	262	117	56.0	44.0	3.7	38.5	529.5	528.7	574.1	530.6
Finland	1239	1189	29.2	70.8	1.3	2.4	536.1	528.6	511.1	534.6
France	379	326	30.2	69.8	1.0	11.9	491.9	486.9	458.4	472.4
Georgia	936	891	44.0	56.0	4.7	0.1	449.8	447.0	437.7	497.7
Hong Kong SAR	185	116	44.9	55.1	0.9	34.9	536.8	530.4	443.5	519.7
Hungary	1086	912	9.8	90.2	1.5	13.7	520.6	522.0	526.4	519.8
Iran, Islamic Rep. of	224	221	61.4	38.6	1.4	0.0	415.7	424.3	419.3	.
Ireland	440	407	53.2	46.8	0.8	8.4	531.0	526.5	497.9	515.8
Israel	265	238	40.5	59.5	2.5	6.8	483.7	482.6	415.9	472.1
Italy	236	226	10.0	90.0	0.8	2.9	495.4	501.4	522.6	491.0
Japan	147	143	48.0	52.0	0.4	1.7	556.0	558.0	522.7	559.5
Jordan	225	216	41.1	58.9	3.1	0.0	409.9	414.8	411.5	.
Kazakhstan	1209	1160	63.2	36.8	3.2	0.6	439.7	448.5	438.2	431.4
Korea, Rep. of	243	233	45.6	54.4	1.4	2.8	548.6	543.5	536.1	535.1
Kuwait	157	151	63.3	36.7	2.7	1.1	423.4	417.7	382.3	372.6
Lithuania	1096	937	49.4	50.6	1.8	11.0	516.6	521.3	521.3	521.3
Malaysia	313	312	47.4	52.6	0.4	0.0	434.4	419.0	444.2	.
Malta	466	388	64.7	35.3	1.1	12.2	506.1	497.5	471.1	490.0
Morocco	511	471	48.7	51.3	3.6	2.2	328.7	325.7	309.4	346.5
New Zealand	211	132	37.4	62.6	2.6	38.6	516.3	490.4	437.6	508.7
Norway (9)	310	231	5.4	94.6	1.7	21.9	488.7	491.0	499.4	478.8
Oman	284	275	44.4	55.6	3.0	0.5	460.7	451.7	447.4	515.7
Palestinian Nat'l Auth.	199	182	42.5	57.5	5.5	2.9	392.2	395.0	387.0	374.9
Portugal	521	487	31.9	68.1	1.7	4.9	508.4	504.4	522.4	498.7
Qatar	242	232	63.9	36.1	0.4	1.8	488.3	468.0	501.3	485.4
Romania	429	304	33.9	66.1	5.6	23.7	471.2	468.6	485.5	451.6
Saudi Arabia	214	190	46.1	53.9	6.0	4.7	418.5	418.8	429.0	414.6
Singapore	345	343	56.7	43.3	0.1	0.0	599.7	614.6	596.8	.
South Africa (9)	288	213	58.8	41.2	1.9	29.5	360.2	372.0	366.1	355.7
Sweden	814	670	38.7	61.3	3.6	14.1	520.7	523.6	534.9	511.5
Turkiye	189	188	28.0	72.0	0.6	0.0	536.8	527.1	478.5	.
United Arab Emirates	1614	1382	78.0	22.0	1.8	11.6	479.7	500.7	490.6	500.7
United States	672	575	39.1	60.9	2.2	8.9	512.3	517.3	495.4	505.5
Uzbekistan	668	641	76.1	23.9	2.6	1.4	397.0	393.8	378.6	387.5
International Avg. (44)	23553	20513	44.6	55.4	2.3	10.3	473.2	473.0	461.0	467.6
Abu Dhabi, UAE	597	508	76.6	23.4	2.0	11.4	434.7	472.1	423.3	447.4
Dubai, UAE	432	355	73.4	26.6	2.6	11.5	549.1	546.2	536.9	540.5
Sharjah, UAE	307	267	84.4	15.6	0.9	14.0	489.6	503.7	529.0	538.1

Question: Do you need future professional development in any of the following? Science assessment
Location: TQS-25Bf (BTBS25BF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	503	63.7	36.3	5.4	33.9	524.3	529.8	514.4	510.1
Austria	889	783	23.5	76.5	3.8	8.6	511.5	513.6	505.3	500.9
Azerbaijan	1140	832	59.7	40.3	13.0	12.5	407.7	415.9	410.0	415.0
Bahrain	223	209	55.7	44.3	7.5	0.0	443.4	455.8	488.5	.
Brazil	916	867	91.3	8.7	3.0	4.1	420.8	402.8	411.9	442.1
Chile	168	144	70.5	29.5	2.9	11.0	451.5	467.4	455.4	447.5
Chinese Taipei	239	233	66.4	33.6	2.7	0.0	576.4	562.9	572.3	.
Cote d'Ivoire	372	185	71.6	28.4	0.4	50.5	169.5	213.5	143.6	184.4
Cyprus	775	659	39.8	60.2	3.1	11.0	466.8	462.0	447.5	471.9
Czech Republic	1348	1235	34.4	65.6	2.4	5.7	525.5	527.3	537.9	530.6
England	262	115	48.4	51.6	4.8	38.5	514.7	541.9	568.5	530.6
Finland	1239	1179	43.7	56.3	1.8	2.4	530.5	530.8	522.4	534.6
France	379	322	50.0	50.0	2.5	11.9	486.9	489.0	492.4	472.4
Georgia	936	841	54.0	46.0	10.1	0.1	449.0	447.9	440.8	497.7
Hong Kong SAR	185	115	77.0	23.0	1.3	34.9	531.9	537.2	478.7	519.7
Hungary	1086	908	27.5	72.5	1.8	13.9	518.3	523.3	521.3	520.1
Iran, Islamic Rep. of	224	216	62.5	37.5	3.5	0.0	420.3	415.9	428.6	.
Ireland	440	376	47.1	52.9	7.4	8.8	529.7	525.6	541.5	516.5
Israel	265	225	45.6	54.4	6.4	6.8	478.8	485.8	463.3	472.1
Italy	236	227	39.2	60.8	0.6	2.9	503.8	498.8	531.3	491.0
Japan	147	143	73.3	26.7	0.4	1.7	553.3	567.4	522.7	559.5
Jordan	225	209	53.6	46.4	5.6	0.0	415.5	412.9	386.8	.
Kazakhstan	1209	1050	66.4	33.6	12.5	0.7	443.1	444.4	437.6	426.9
Korea, Rep. of	243	235	72.5	27.5	0.7	2.8	544.5	549.1	540.5	535.1
Kuwait	157	143	62.2	37.8	8.6	1.1	414.2	427.0	433.0	372.6
Lithuania	1096	903	67.6	32.4	4.6	11.2	519.0	520.7	512.2	520.5
Malaysia	313	307	62.6	37.4	2.1	0.0	428.0	422.8	443.5	.
Malta	466	379	51.7	48.3	3.2	12.4	502.4	508.4	442.1	488.6
Morocco	511	472	72.3	27.7	4.2	2.2	326.2	329.2	315.3	346.5
New Zealand	211	129	48.6	51.4	3.8	38.6	494.6	505.5	455.3	508.7
Norway (9)	310	229	40.8	59.2	2.3	21.9	486.2	494.3	493.9	478.8
Oman	284	273	51.8	48.2	3.9	0.5	451.2	460.2	452.6	515.7
Palestinian Nat'l Auth.	199	174	34.3	65.7	9.3	2.9	386.4	398.6	383.8	374.9
Portugal	521	486	45.1	54.9	2.2	4.9	506.3	504.9	524.0	498.7
Qatar	242	220	38.4	61.6	6.8	1.8	502.2	471.4	451.2	485.4
Romania	429	290	41.1	58.9	9.5	23.5	468.1	470.7	477.6	451.6
Saudi Arabia	214	176	50.7	49.3	12.2	4.7	416.7	419.4	428.3	414.6
Singapore	345	341	63.8	36.2	0.4	0.0	609.2	601.1	587.5	.
South Africa (9)	288	201	79.4	20.6	6.9	29.5	356.2	403.3	357.7	355.7
Sweden	814	671	43.6	56.4	3.2	14.0	519.3	525.5	529.7	511.0
Turkiye	189	179	48.4	51.6	4.7	0.0	529.0	530.9	520.2	.
United Arab Emirates	1614	1324	45.0	55.0	5.1	11.5	493.9	476.5	484.8	501.1
United States	672	569	49.0	51.0	3.9	8.9	513.6	516.9	507.1	505.5
Uzbekistan	668	598	71.4	28.6	9.0	1.4	395.5	396.1	397.1	387.5
International Avg. (44)	23553	19875	54.7	45.3	4.8	10.3	471.3	475.1	467.3	467.5
Abu Dhabi, UAE	597	491	48.9	51.1	3.6	11.4	454.6	430.0	461.9	448.4
Dubai, UAE	432	341	41.7	58.3	5.9	11.5	554.6	545.9	526.2	540.5
Sharjah, UAE	307	254	49.4	50.6	5.0	14.0	504.7	480.5	487.5	538.1

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs
Location: TQS-25Ag (BTBS25AG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	510	63.7	36.3	4.0	33.9	525.5	527.1	514.0	510.1
Austria	889	800	23.7	76.3	2.7	8.3	507.5	514.8	501.9	500.5
Azerbaijan	1140	908	44.7	55.3	6.9	12.4	409.5	413.2	402.2	415.3
Bahrain	223	218	62.7	37.3	3.2	0.0	462.8	431.2	475.3	.
Brazil	916	878	56.2	43.8	0.9	4.1	428.0	408.2	383.3	442.1
Chile	168	146	41.5	58.5	1.3	11.0	456.4	454.5	513.2	447.5
Chinese Taipei	239	237	40.4	59.6	0.9	0.0	576.4	569.5	518.1	.
Cote d'Ivoire	372	187	49.7	50.3	0.0	50.5	189.3	174.1	.	184.4
Cyprus	775	672	31.0	69.0	1.9	10.9	468.6	461.6	440.3	472.5
Czech Republic	1348	1255	32.0	68.0	1.1	5.7	524.0	528.1	543.8	530.6
England	262	117	72.9	27.1	3.7	38.5	529.9	527.1	574.1	530.6
Finland	1239	1189	22.9	77.1	1.3	2.4	530.6	530.8	514.0	534.6
France	379	325	34.1	65.9	1.4	11.9	489.4	487.5	481.4	472.4
Georgia	936	885	48.8	51.2	5.4	0.1	448.3	448.3	438.0	497.7
Hong Kong SAR	185	116	55.5	44.5	0.9	34.9	525.5	543.0	443.5	519.7
Hungary	1086	911	18.0	82.0	1.5	13.7	519.1	522.5	523.9	519.8
Iran, Islamic Rep. of	224	219	57.8	42.2	2.3	0.0	416.6	421.8	427.8	.
Ireland	440	406	44.8	55.2	1.0	8.4	532.5	525.9	511.0	515.8
Israel	265	236	40.6	59.4	3.5	6.8	479.7	485.9	426.5	472.1
Italy	236	228	36.1	63.9	0.2	2.9	495.3	504.0	529.2	491.0
Japan	147	143	24.2	75.8	0.4	1.7	559.3	556.4	522.7	559.5
Jordan	225	215	46.8	53.2	3.5	0.0	420.9	406.3	401.8	.
Kazakhstan	1209	1157	56.4	43.6	3.6	0.6	442.9	442.8	440.2	431.4
Korea, Rep. of	243	234	30.4	69.6	1.6	2.8	548.6	545.0	523.0	535.1
Kuwait	157	152	66.1	33.9	2.1	1.1	425.5	413.5	364.2	372.6
Lithuania	1096	936	57.7	42.3	1.9	11.0	518.9	518.9	526.6	521.3
Malaysia	313	312	21.2	78.8	0.4	0.0	436.1	423.7	444.2	.
Malta	466	387	30.2	69.8	1.3	12.2	505.4	501.9	485.1	490.0
Morocco	511	474	26.0	74.0	2.9	2.2	339.2	322.4	317.8	346.5
New Zealand	211	133	42.7	57.3	2.2	38.6	510.1	491.9	437.4	508.7
Norway (9)	310	229	2.5	97.5	2.3	21.9	484.5	491.1	495.7	478.8
Oman	284	276	41.0	59.0	3.0	0.5	463.0	450.9	441.0	515.7
Palestinian Nat'l Auth.	199	181	54.7	45.3	6.0	2.9	394.9	392.5	387.2	374.9
Portugal	521	487	24.5	75.5	1.7	4.9	510.0	504.2	522.4	498.7
Qatar	242	231	70.3	29.7	1.3	1.8	485.0	473.7	437.7	485.4
Romania	429	304	42.5	57.5	5.8	23.5	467.9	470.4	485.8	451.6
Saudi Arabia	214	189	54.0	46.0	6.5	4.7	421.1	417.5	417.7	414.6
Singapore	345	342	36.9	63.1	0.6	0.0	597.3	611.2	614.5	.
South Africa (9)	288	215	38.6	61.4	0.8	29.5	366.2	364.7	346.3	355.7
Sweden	814	671	37.3	62.7	3.5	14.1	518.2	525.1	533.7	511.5
Turkiye	189	186	26.0	74.0	1.4	0.0	541.2	526.0	497.8	.
United Arab Emirates	1614	1384	80.5	19.5	1.9	11.5	483.1	487.6	503.4	500.8
United States	672	573	58.4	41.6	2.6	8.9	516.8	513.5	497.1	505.5
Uzbekistan	668	639	67.1	32.9	2.9	1.4	397.1	394.1	383.6	387.5
International Avg. (44)	23553	20493	43.5	56.5	2.4	10.3	474.3	471.0	469.5	467.6
Abu Dhabi, UAE	597	511	81.2	18.8	1.3	11.3	442.8	442.4	459.3	447.3
Dubai, UAE	432	356	77.0	23.0	2.3	11.5	550.2	542.2	533.7	540.5
Sharjah, UAE	307	266	81.8	18.2	2.4	14.0	492.8	487.2	505.7	538.1

Question: Do you need future professional development in any of the following? Addressing individual students' needs
 Location: TQS-25Bg (BTBS25BG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	503	66.1	33.9	5.5	33.9	528.0	522.9	514.5	510.1
Austria	889	779	30.4	69.6	4.1	8.6	510.1	514.3	507.5	500.9
Azerbaijan	1140	829	56.6	43.4	13.2	12.5	406.6	416.4	410.6	415.0
Bahrain	223	208	52.4	47.6	8.2	0.0	443.6	455.9	478.6	.
Brazil	916	867	93.8	6.2	2.7	4.1	420.3	400.1	419.1	442.1
Chile	168	143	65.8	34.2	3.6	11.0	453.2	461.1	461.8	447.5
Chinese Taipei	239	232	68.8	31.2	3.3	0.0	575.9	562.7	572.5	.
Cote d'Ivoire	372	185	83.4	16.6	0.4	50.5	183.5	174.0	143.6	184.4
Cyprus	775	665	60.4	39.6	2.6	10.8	465.1	461.8	447.9	471.7
Czech Republic	1348	1235	44.0	56.0	2.3	5.7	524.5	528.2	540.1	530.6
England	262	116	51.0	49.0	3.9	38.5	519.6	539.4	569.5	530.6
Finland	1239	1178	55.1	44.9	2.1	2.4	530.4	531.1	520.6	534.6
France	379	322	64.0	36.0	2.3	11.9	489.6	484.4	499.8	472.4
Georgia	936	845	61.1	38.9	9.5	0.1	450.1	445.4	442.5	497.7
Hong Kong SAR	185	115	77.0	23.0	1.3	34.9	528.7	547.8	478.7	519.7
Hungary	1086	903	35.9	64.1	2.1	14.0	520.9	522.7	517.3	519.8
Iran, Islamic Rep. of	224	215	63.2	36.8	4.3	0.0	419.4	418.1	421.1	.
Ireland	440	377	67.9	32.1	7.1	8.8	528.4	525.6	542.6	516.5
Israel	265	224	48.1	51.9	6.6	6.8	475.2	489.4	464.4	472.1
Italy	236	227	53.2	46.8	0.6	2.9	502.5	498.7	531.3	491.0
Japan	147	143	69.6	30.4	0.4	1.7	553.9	564.2	522.7	559.5
Jordan	225	207	50.9	49.1	6.4	0.0	411.6	415.5	401.4	.
Kazakhstan	1209	1053	67.8	32.2	12.2	0.7	441.7	448.0	436.2	426.9
Korea, Rep. of	243	234	69.0	31.0	0.9	2.8	546.0	545.4	532.1	535.1
Kuwait	157	140	67.5	32.5	11.0	1.1	416.1	425.6	428.6	372.6
Lithuania	1096	903	63.6	36.4	4.7	11.2	517.7	521.9	516.9	520.5
Malaysia	313	307	59.6	40.4	2.1	0.0	422.6	431.2	443.5	.
Malta	466	379	64.6	35.4	3.2	12.4	505.1	505.6	442.1	488.6
Morocco	511	472	80.3	19.7	4.2	2.2	326.0	330.4	318.0	346.5
New Zealand	211	130	57.3	42.7	3.5	38.6	502.8	496.7	451.3	508.7
Norway (9)	310	229	42.2	57.8	2.3	21.9	484.6	495.6	493.9	478.8
Oman	284	275	56.3	43.7	2.8	0.5	453.1	459.0	447.3	515.7
Palestinian Nat'l Auth.	199	175	29.5	70.5	8.8	2.9	391.3	396.1	380.4	374.9
Portugal	521	488	56.0	44.0	1.5	4.9	506.7	504.2	526.2	498.7
Qatar	242	221	44.5	55.5	6.6	1.8	506.1	464.9	451.3	485.4
Romania	429	289	55.2	44.8	9.6	23.5	471.2	468.1	476.0	451.6
Saudi Arabia	214	176	50.2	49.8	12.2	4.7	417.1	419.0	428.3	414.6
Singapore	345	340	54.3	45.7	0.5	0.0	603.7	609.3	586.2	.
South Africa (9)	288	206	77.7	22.3	5.0	29.5	356.2	398.9	357.1	355.7
Sweden	814	669	58.3	41.7	3.6	14.0	523.4	522.1	527.3	511.0
Turkiye	189	180	52.7	47.3	4.3	0.0	531.8	527.2	527.4	.
United Arab Emirates	1614	1324	54.1	45.9	5.1	11.5	486.2	482.0	485.4	501.1
United States	672	567	49.4	50.6	3.9	9.1	510.7	519.6	507.1	506.1
Uzbekistan	668	600	72.4	27.6	8.9	1.4	395.2	397.6	394.9	387.5
International Avg. (44)	23553	19875	59.1	40.9	4.8	10.3	471.7	473.8	467.4	467.5
Abu Dhabi, UAE	597	488	59.6	40.4	4.1	11.4	438.7	445.8	469.3	448.4
Dubai, UAE	432	342	47.5	52.5	5.8	11.5	552.5	547.0	525.1	540.5
Sharjah, UAE	307	256	64.2	35.8	4.7	14.0	503.4	472.7	487.8	538.1

Question: In the past two years, have you participated in professional development in any of the following? Integrating environmentalism and sustainability into science instruction
Location: TQS-25Ah (BTBS25AH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	511	23.1	76.9	4.0	33.9	526.9	525.8	514.0	510.1
Austria	889	796	27.6	72.4	2.6	8.4	514.8	512.3	505.2	500.7
Azerbaijan	1140	907	42.9	57.1	6.8	12.3	410.4	412.3	402.5	415.2
Bahrain	223	219	41.2	58.8	2.5	0.0	461.0	443.7	491.8	.
Brazil	916	879	56.0	44.0	0.9	4.1	423.7	413.6	393.4	442.1
Chile	168	146	22.9	77.1	1.3	11.0	444.5	458.5	513.2	447.5
Chinese Taipei	239	236	54.7	45.3	1.5	0.0	574.6	569.5	542.4	.
Cote d'Ivoire	372	187	32.0	68.0	0.0	50.5	184.7	180.2	.	184.4
Cyprus	775	670	33.8	66.2	2.2	10.9	464.0	463.9	435.6	472.5
Czech Republic	1348	1249	20.0	80.0	1.4	5.7	527.4	526.5	546.8	530.6
England	262	116	15.7	84.3	4.3	38.5	542.2	526.7	567.8	530.6
Finland	1239	1184	11.4	88.6	1.5	2.4	544.7	529.1	511.4	534.6
France	379	325	17.2	82.8	1.3	11.9	489.6	488.2	463.7	472.4
Georgia	936	894	54.6	45.4	4.4	0.1	450.7	445.2	437.5	497.7
Hong Kong SAR	185	116	35.4	64.6	0.9	34.9	520.3	540.4	443.5	519.7
Hungary	1086	910	22.1	77.9	1.5	13.8	521.2	522.0	528.7	519.8
Iran, Islamic Rep. of	224	222	51.2	48.8	0.9	0.0	417.7	419.9	444.0	.
Ireland	440	406	27.4	72.6	1.0	8.4	525.8	529.7	529.7	515.8
Israel	265	237	45.5	54.5	3.0	6.8	489.3	477.2	440.3	472.1
Italy	236	227	28.7	71.3	0.6	2.9	498.3	502.0	502.5	491.0
Japan	147	143	9.6	90.4	0.4	1.7	554.7	557.3	522.7	559.5
Jordan	225	215	44.5	55.5	3.7	0.0	416.3	410.4	404.5	.
Kazakhstan	1209	1159	48.4	51.6	3.1	0.6	439.9	445.1	449.0	431.4
Korea, Rep. of	243	234	35.2	64.8	1.1	2.8	550.5	543.2	538.6	535.1
Kuwait	157	152	59.6	40.4	2.1	1.1	422.5	419.8	364.2	372.6
Lithuania	1096	932	40.7	59.3	2.1	11.1	517.9	519.8	522.6	520.9
Malaysia	313	311	22.1	77.9	0.7	0.0	440.3	422.6	413.5	.
Malta	466	390	13.3	86.7	0.8	11.9	499.1	503.0	488.1	492.7
Morocco	511	475	27.4	72.6	2.8	2.2	340.1	321.8	316.6	346.5
New Zealand	211	133	14.8	85.2	2.2	38.6	525.5	495.1	437.4	508.7
Norway (9)	310	228	1.6	98.4	2.6	21.9	482.4	491.2	493.1	478.8
Oman	284	273	29.5	70.5	4.3	0.5	463.9	452.2	450.9	515.7
Palestinian Nat'l Auth.	199	181	47.8	52.2	6.0	2.9	398.0	390.5	383.6	374.9
Portugal	521	487	30.3	69.7	1.7	4.9	505.8	505.6	522.4	498.7
Qatar	242	232	42.6	57.4	0.4	1.8	483.2	479.3	501.3	485.4
Romania	429	305	25.2	74.8	5.5	23.5	463.5	471.2	487.9	451.6
Saudi Arabia	214	187	47.2	52.8	7.3	4.7	424.4	414.9	419.0	414.6
Singapore	345	343	22.2	77.8	0.1	0.0	610.2	605.0	596.8	.
South Africa (9)	288	215	33.7	66.3	0.8	29.5	356.1	370.0	346.3	355.7
Sweden	814	662	11.5	88.5	5.2	14.1	517.4	523.4	527.3	511.5
Turkiye	189	187	47.2	52.8	1.0	0.0	535.4	524.7	505.5	.
United Arab Emirates	1614	1378	64.7	35.3	2.2	11.5	479.4	492.0	506.6	500.8
United States	672	575	25.9	74.1	2.2	8.9	505.9	518.8	493.9	505.5
Uzbekistan	668	636	70.1	29.9	3.3	1.4	397.8	392.6	383.5	387.5
International Avg. (44)	23553	20470	33.6	66.4	2.4	10.3	474.1	471.7	471.8	467.7
Abu Dhabi, UAE	597	508	60.1	39.9	1.7	11.3	437.8	449.9	462.3	447.3
Dubai, UAE	432	354	57.7	42.3	3.1	11.5	545.0	553.8	527.4	540.5
Sharjah, UAE	307	264	78.5	21.5	2.4	14.0	491.5	491.1	518.6	538.1

Question: Do you need future professional development in any of the following? Integrating environmentalism and sustainability into science instruction
Location: TQS-25Bh (BTBS25BH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Australia	864	505	62.8	37.2	4.9	33.9	525.4	528.1	511.4	510.1
Austria	889	782	49.1	50.9	3.7	8.6	511.0	514.9	507.2	500.9
Azerbaijan	1140	838	64.2	35.8	12.7	12.4	408.5	415.1	411.0	414.9
Bahrain	223	209	67.9	32.1	7.5	0.0	446.8	453.2	488.5	.
Brazil	916	867	94.4	5.6	2.7	4.1	419.8	405.7	419.1	442.1
Chile	168	143	78.2	21.8	3.6	11.0	451.4	471.9	461.8	447.5
Chinese Taipei	239	233	76.0	24.0	2.7	0.0	575.7	559.4	572.3	.
Cote d'Ivoire	372	185	91.2	8.8	0.4	50.5	176.5	238.0	143.6	184.4
Cyprus	775	662	49.3	50.7	3.0	10.8	463.2	464.6	447.8	471.7
Czech Republic	1348	1233	50.0	50.0	2.5	5.7	526.9	526.1	543.1	530.6
England	262	117	58.9	41.1	3.5	38.5	530.6	527.1	576.5	530.6
Finland	1239	1180	39.8	60.2	1.8	2.4	532.5	529.5	522.9	534.6
France	379	324	63.1	36.9	1.7	11.9	489.2	486.2	488.2	472.4
Georgia	936	843	62.0	38.0	10.0	0.1	448.1	448.8	441.9	497.7
Hong Kong SAR	185	115	76.2	23.8	1.3	34.9	531.5	538.2	478.7	519.7
Hungary	1086	901	38.7	61.3	2.4	13.9	517.2	524.6	526.5	520.1
Iran, Islamic Rep. of	224	214	74.9	25.1	4.7	0.0	419.8	414.2	431.6	.
Ireland	440	375	60.0	40.0	7.4	8.8	530.1	523.6	541.5	516.5
Israel	265	225	50.7	49.3	6.4	6.8	479.0	486.3	463.3	472.1
Italy	236	227	53.3	46.7	0.6	2.9	507.7	492.9	531.3	491.0
Japan	147	143	61.3	38.7	0.4	1.7	555.1	560.1	522.7	559.5
Jordan	225	207	54.5	45.5	6.8	0.0	414.8	411.2	406.8	.
Kazakhstan	1209	1052	71.1	28.9	12.2	0.7	444.3	442.3	436.0	426.9
Korea, Rep. of	243	235	78.8	21.2	0.7	2.8	545.8	545.3	540.5	535.1
Kuwait	157	143	68.1	31.9	8.7	1.1	412.2	432.8	435.6	372.6
Lithuania	1096	905	69.1	30.9	4.5	11.2	517.6	523.4	514.9	520.5
Malaysia	313	307	64.5	35.5	2.1	0.0	423.1	431.3	443.5	.
Malta	466	379	65.7	34.3	3.2	12.4	502.0	511.6	442.1	488.6
Morocco	511	474	82.9	17.1	3.7	2.2	324.5	338.0	319.4	346.5
New Zealand	211	129	49.2	50.8	4.4	38.6	491.4	508.7	461.9	508.7
Norway (9)	310	229	32.6	67.4	2.4	21.9	493.2	489.8	496.3	478.8
Oman	284	275	63.6	36.4	2.8	0.5	458.9	450.0	447.3	515.7
Palestinian Nat'l Auth.	199	176	40.6	59.4	8.3	2.9	387.3	399.8	379.1	374.9
Portugal	521	488	50.4	49.6	1.5	4.9	505.7	505.5	526.2	498.7
Qatar	242	221	56.0	44.0	6.9	1.8	485.9	480.0	451.3	485.4
Romania	429	289	60.8	39.2	9.7	23.5	469.1	470.2	477.8	451.6
Saudi Arabia	214	176	56.4	43.6	12.2	4.7	415.5	421.3	428.3	414.6
Singapore	345	341	55.1	44.9	0.4	0.0	602.3	611.0	587.5	.
South Africa (9)	288	206	80.9	19.1	5.0	29.5	358.3	397.1	357.1	355.7
Sweden	814	667	57.7	42.3	4.8	14.0	523.2	522.4	525.7	511.0
Turkiye	189	179	56.7	43.3	5.2	0.0	527.8	532.0	527.7	.
United Arab Emirates	1614	1327	60.5	39.5	5.5	11.5	494.8	468.4	484.1	501.1
United States	672	569	61.0	39.0	3.9	8.9	515.1	515.5	507.1	505.5
Uzbekistan	668	597	74.9	25.1	9.2	1.4	396.0	395.1	396.2	387.5
International Avg. (44)	23553	19892	62.1	37.9	4.7	10.3	471.7	475.3	468.7	467.4
Abu Dhabi, UAE	597	491	62.8	37.2	3.6	11.4	452.0	425.3	461.9	448.4
Dubai, UAE	432	344	61.1	38.9	5.5	11.5	553.8	543.6	520.2	540.5
Sharjah, UAE	307	254	67.8	32.2	7.7	14.0	504.7	465.2	494.3	538.1

Question: Teachers Majored in Science and Science Education
Location: Derived (BTDSMSE)

Country	Sample	Valid N	1.Sci and sci edu %	2.Sci but no sci edu %	3.Sci edu but no sci %	4.All other majors %	5.No formal edu beyond upper sec %	Not admini stered %	Omitte d %	1.Sci and sci edu Mean	2.Sci but no sci edu Mean	3.Sci edu but no sci Mean	4.All other majors Mean	5.No formal edu beyond upper sec Mean	Not admini stered Mean	Omitte d Mean
Australia	864	548	67.5	20.8	5.6	6.1	0.0	0.0	34.2	526.1	526.5	517.6	519.4	.	.	510.2
Austria	889	795	16.0	7.1	62.1	14.7	0.0	0.0	10.7	516.7	511.2	520.3	480.4	.	.	499.9
Azerbaijan	1140	893	28.8	61.4	0.4	6.6	2.8	0.0	21.4	413.1	410.8	418.8	408.1	400.9	.	412.4
Bahrain	223	220	35.7	59.4	4.2	0.3	0.4	0.0	1.3	464.4	446.3	429.7	515.5	373.6	.	443.0
Brazil	916	884	75.8	18.7	0.9	4.0	0.7	0.0	4.9	423.8	416.6	384.7	376.1	307.1	.	430.6
Chile	168	147	53.1	22.1	9.1	15.1	0.6	0.0	12.0	468.9	441.2	447.0	441.5	468.9	.	444.7
Chinese Taipei	239	239	22.5	71.3	0.6	5.6	0.0	0.0	0.0	582.5	570.4	557.0	548.3	.	.	.
Cote d'Ivoire	372	187	56.4	37.9	2.6	2.0	1.1	0.0	50.5	180.9	187.4	146.5	153.7	156.6	.	184.4
Cyprus	775	690	10.9	88.1	0.0	1.0	0.0	0.0	10.6	487.8	460.1	.	502.7	.	.	470.4
Czech Republic	1348	1272	10.2	20.6	52.7	14.5	2.0	0.0	5.6	531.4	520.6	531.1	519.3	515.2	.	530.5
England	262	128	55.0	38.6	4.6	0.0	1.8	0.0	38.1	524.8	539.4	554.0	.	532.4	.	530.5
Finland	1239	1204	13.9	62.6	0.3	20.6	2.5	0.0	2.4	533.0	533.6	539.7	521.3	511.9	.	537.7
France	379	332	44.7	50.3	1.9	2.7	0.4	0.0	11.7	486.8	493.6	467.6	420.5	486.5	.	471.8
Georgia	936	931	36.0	60.9	0.8	2.3	0.0	0.0	0.5	446.1	449.8	434.6	426.7	.	.	442.8
Hong Kong SAR	185	117	40.6	43.2	7.5	7.4	1.1	0.0	34.9	545.1	522.4	534.3	505.0	590.1	.	519.7
Hungary	1086	930	17.5	8.8	68.9	4.5	0.3	0.0	13.7	517.9	522.4	524.7	492.6	568.9	.	519.3
Iran, Islamic Rep. of	224	224	25.7	31.8	29.4	12.2	0.9	0.0	0.0	438.8	421.1	410.2	387.1	496.0	.	.
Ireland	440	401	61.3	33.8	2.2	2.4	0.2	0.0	9.8	531.0	526.2	539.3	511.0	511.4	.	514.3
Israel	265	245	60.8	28.6	7.9	2.5	0.2	0.0	7.3	487.8	476.4	464.8	463.7	368.2	.	465.5
Italy	236	211	35.2	57.7	2.2	3.3	1.7	0.0	10.6	498.5	498.3	530.4	503.3	505.5	.	511.7
Japan	147	143	35.8	51.1	9.6	3.5	0.0	0.0	2.8	555.5	557.8	558.3	546.3	.	.	568.4
Jordan	225	222	18.1	69.5	5.6	2.3	4.5	0.0	0.6	419.2	411.4	426.9	364.9	421.4	.	361.7
Kazakhstan	1209	1181	38.9	58.7	0.2	0.8	1.5	0.0	2.2	449.5	438.5	449.2	427.2	429.1	.	447.9
Korea, Rep. of	243	235	33.8	60.1	5.8	0.3	0.0	0.0	4.0	546.1	544.8	555.4	523.8	.	.	535.2
Kuwait	157	154	10.7	55.4	30.6	2.9	0.4	0.0	1.9	437.5	424.8	401.4	454.7	549.9	.	387.0
Lithuania	1096	960	17.7	77.1	1.8	3.3	0.3	0.0	10.7	524.5	519.1	484.2	505.3	541.2	.	521.2
Malaysia	313	313	35.2	39.2	10.3	15.3	0.0	0.0	0.0	423.8	433.2	416.7	421.4	.	.	.
Malta	466	394	50.5	46.4	0.5	2.1	0.4	0.0	11.7	506.8	496.0	524.1	528.0	501.7	.	492.6
Morocco	511	491	19.3	77.6	0.0	0.3	2.7	0.0	2.5	328.7	325.2	.	321.1	338.3	.	357.1
New Zealand	211	136	38.7	50.9	2.0	8.3	0.0	0.0	38.6	498.5	502.0	506.4	462.1	.	.	508.7
Norway (9)	310	239	15.3	24.4	21.2	38.6	0.5	0.0	21.3	499.8	500.8	480.7	487.6	451.4	.	478.6
Oman	284	275	31.1	65.0	2.3	0.1	1.5	0.0	2.6	466.1	449.9	459.5	460.7	437.0	.	484.0
Palestinian Nat'l Auth.	199	189	14.0	48.6	32.2	3.0	2.1	0.0	4.7	399.7	393.8	385.5	408.8	434.5	.	384.6
Portugal	521	493	59.1	39.9	0.0	1.0	0.0	0.0	5.0	506.4	505.8	.	494.6	.	.	497.0
Qatar	242	235	34.2	52.8	6.3	6.6	0.1	0.0	1.8	497.7	465.9	499.9	496.5	559.9	.	485.4
Romania	429	322	28.1	69.9	0.6	0.9	0.5	0.0	23.9	472.6	470.9	437.4	479.4	364.1	.	451.5
Saudi Arabia	214	201	16.9	66.6	8.0	1.6	6.9	0.0	6.3	432.1	416.8	424.9	404.1	414.7	.	410.7
Singapore	345	345	60.5	36.2	1.2	1.9	0.2	0.0	0.0	606.1	605.1	643.7	601.1	657.4	.	.
South Africa (9)	288	218	0.0	82.4	0.0	12.6	5.0	0.0	30.0	.	365.2	.	379.8	330.9	.	355.4
Sweden	814	674	52.3	20.9	15.3	7.6	3.9	0.0	16.4	523.5	516.8	530.1	516.1	533.3	.	513.5
Turkiye	189	187	37.4	15.5	44.7	2.5	0.0	0.0	1.6	524.7	552.7	525.6	525.6	.	.	532.5
United Arab Emirates	1614	1409	44.7	46.4	5.0	3.1	0.7	0.0	11.8	500.0	474.7	431.8	484.5	484.5	.	501.6
United States	672	587	30.8	28.3	15.5	25.3	0.0	0.0	9.0	512.6	516.5	520.5	512.4	.	.	506.0
Uzbekistan	668	649	33.1	64.3	0.7	0.3	1.5	0.0	3.0	396.2	396.4	371.7	443.1	366.9	.	389.9
International Avg. (44)	23553	20850	34.6	47.1	11.0	6.2	1.1	0.0	11.2	479.8	471.8	474.7	463.8	456.5	.	465.3
Abu Dhabi, UAE	597	521	47.9	41.9	5.3	4.2	0.8	0.0	11.4	453.5	433.7	410.1	449.8	454.2	.	448.6
Dubai, UAE	432	365	51.5	43.5	2.0	2.2	0.9	0.0	11.6	565.7	534.2	402.2	551.3	504.2	.	541.0
Sharjah, UAE	307	269	40.6	50.9	5.4	2.2	0.9	0.0	14.7	500.6	483.5	479.2	533.9	500.7	.	539.9

Question: Percent of Students Taught Biology Topics
Location: Derived (BTDSBIO)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	479	0.0	38.2	0.0	63.6	0.0	31.3	37.5	50.0	62.5	81.3	93.8	100.0	100.0
Austria	889	851	74.9	4.1	0.0	77.2	0.0	43.8	56.3	68.8	81.3	93.8	100.0	100.0	100.0
Azerbaijan	1140	1087	78.5	4.5	0.0	69.5	25.0	37.5	50.0	56.3	68.8	81.3	100.0	100.0	100.0
Bahrain	223	206	0.0	5.3	0.0	87.0	0.0	56.3	62.5	81.3	93.8	100.0	100.0	100.0	100.0
Brazil	916	872	9.9	6.3	0.0	84.9	0.0	56.3	62.5	75.0	87.5	100.0	100.0	100.0	100.0
Chile	168	145	0.0	12.8	0.0	75.2	25.0	37.5	43.8	56.3	81.3	93.8	100.0	100.0	100.0
Chinese Taipei	239	222	0.0	8.0	0.0	72.8	0.0	0.0	0.0	25.0	100.0	100.0	100.0	100.0	100.0
Cote d'Ivoire	372	265	75.0	32.8	0.0	31.6	0.0	6.3	12.5	18.8	25.0	43.8	56.3	62.5	100.0
Cyprus	775	742	71.5	4.6	0.0	57.4	18.8	31.3	37.5	50.0	56.3	62.5	81.3	87.5	100.0
Czech Republic	1348	1323	72.6	1.9	0.0	78.8	18.8	50.0	56.3	68.8	81.3	93.8	100.0	100.0	100.0
England	262	111	0.0	44.6	0.0	69.7	0.0	18.8	43.8	60.0	75.0	81.3	93.8	100.0	100.0
Finland	1239	1185	53.8	3.8	0.0	69.2	0.0	50.0	56.3	62.5	68.8	80.0	81.3	87.5	100.0
France	379	353	53.2	6.2	0.0	68.2	18.8	40.0	43.8	62.5	68.8	81.3	81.3	87.5	100.0
Georgia	936	932	75.3	0.4	0.0	58.4	13.3	31.3	37.5	43.8	56.3	68.8	81.3	100.0	100.0
Hong Kong SAR	185	115	0.0	36.2	0.0	65.4	0.0	25.0	37.5	50.0	68.8	87.5	93.8	100.0	100.0
Hungary	1086	1032	78.9	5.0	0.0	88.8	31.3	62.5	75.0	81.3	93.8	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	224	220	0.0	1.9	0.0	61.7	12.5	25.0	31.3	37.5	56.3	87.5	100.0	100.0	100.0
Ireland	440	383	0.0	15.0	0.0	57.0	18.8	31.3	37.5	43.8	56.3	68.8	81.3	87.5	100.0
Israel	265	234	0.0	9.0	0.0	55.9	0.0	12.5	18.8	37.5	56.3	75.0	93.8	100.0	100.0
Italy	236	226	0.0	3.9	0.0	82.9	43.8	56.3	62.5	68.8	87.5	100.0	100.0	100.0	100.0
Japan	147	142	0.0	2.7	0.0	46.4	0.0	37.5	37.5	43.8	43.8	50.0	56.3	68.8	100.0
Jordan	225	215	0.0	4.3	0.0	88.5	12.5	50.0	68.8	81.3	93.8	100.0	100.0	100.0	100.0
Kazakhstan	1209	1188	76.5	1.7	0.0	88.0	43.8	56.3	62.5	81.3	93.8	100.0	100.0	100.0	100.0
Korea, Rep. of	243	235	0.0	4.2	0.0	61.4	0.0	31.3	31.3	50.0	62.5	75.0	87.5	100.0	100.0
Kuwait	157	153	0.0	2.5	0.0	77.7	20.0	43.8	46.7	68.8	81.3	93.8	100.0	100.0	100.0
Lithuania	1096	1056	77.5	3.2	0.0	83.3	37.5	56.3	62.5	75.0	87.5	100.0	100.0	100.0	100.0
Malaysia	313	311	0.0	0.5	0.0	92.7	0.0	75.0	81.3	87.5	93.8	100.0	100.0	100.0	100.0
Malta	466	451	83.4	2.6	0.0	45.8	6.3	18.8	25.0	31.3	43.8	56.3	75.0	75.0	100.0
Morocco	511	493	51.7	2.8	0.0	64.0	0.0	37.5	43.8	56.3	62.5	75.0	81.3	87.5	100.0
New Zealand	211	131	0.0	42.3	0.0	46.7	0.0	6.3	18.8	31.3	46.7	62.5	75.0	81.3	100.0
Norway (9)	310	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	284	273	0.0	3.9	0.0	85.6	31.3	50.0	68.8	81.3	87.5	100.0	100.0	100.0	100.0
Palestinian Nat'l Auth.	199	187	0.0	5.4	0.0	81.4	18.8	50.0	60.0	68.8	87.5	93.8	100.0	100.0	100.0
Portugal	521	505	51.2	2.6	0.0	65.5	18.8	37.5	43.8	56.3	62.5	75.0	87.5	93.8	100.0
Qatar	242	228	0.0	3.5	0.0	80.2	0.0	43.8	62.5	68.8	81.3	100.0	100.0	100.0	100.0
Romania	429	396	72.2	7.0	0.0	95.4	25.0	75.0	87.5	93.8	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	214	191	0.0	9.2	0.0	88.9	0.0	60.0	68.8	81.3	93.8	100.0	100.0	100.0	100.0
Singapore	345	344	0.0	0.2	0.0	72.6	0.0	31.3	50.0	62.5	75.0	87.5	93.8	100.0	100.0
South Africa (9)	288	211	0.0	32.0	0.0	76.2	0.0	37.5	43.8	60.0	81.3	93.8	100.0	100.0	100.0
Sweden	814	763	71.0	6.7	0.0	77.3	0.0	56.3	56.3	68.8	75.0	87.5	93.8	93.8	100.0
Turkiye	189	188	0.0	0.6	0.0	91.2	50.0	68.8	75.0	87.5	93.8	100.0	100.0	100.0	100.0
United Arab Emirates	1614	1307	0.0	16.2	0.0	86.8	0.0	50.0	62.5	81.3	93.8	100.0	100.0	100.0	100.0
United States	672	553	0.0	11.3	0.0	89.3	0.0	62.5	68.8	87.5	100.0	100.0	100.0	100.0	100.0
Uzbekistan	668	663	75.7	0.9	0.0	68.1	31.3	43.8	50.0	56.3	66.7	75.0	100.0	100.0	100.0
International Avg. (43)	23553	21167	28.0	9.6	0.0	72.7	12.1	41.4	49.7	61.8	75.2	86.2	92.7	95.6	100.0
Abu Dhabi, UAE	597	480	0.0	15.7	0.0	84.5	0.0	43.8	56.3	75.0	87.5	100.0	100.0	100.0	100.0
Dubai, UAE	432	345	0.0	16.0	0.0	86.8	0.0	50.0	62.5	81.3	93.8	100.0	100.0	100.0	100.0
Sharjah, UAE	307	244	0.0	19.1	0.0	88.6	0.0	56.3	68.8	81.3	93.8	100.0	100.0	100.0	100.0

Question: Percent of Students Taught Chemistry Topics
Location: Derived (BTDSCH)

Country	Sample	Valid N	Not Appli cable %	Omited %	Not Admin istered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	479	0.0	39.5	0.0	66.3	0.0	40.0	40.0	50.0	70.0	80.0	90.0	100.0	100.0
Austria	889	845	78.1	4.6	0.0	81.6	0.0	50.0	60.0	70.0	90.0	100.0	100.0	100.0	100.0
Azerbaijan	1140	1069	79.5	5.7	0.0	97.0	0.0	80.0	90.0	100.0	100.0	100.0	100.0	100.0	100.0
Bahrain	223	210	0.0	3.9	0.0	74.8	0.0	40.0	40.0	60.0	80.0	100.0	100.0	100.0	100.0
Brazil	916	872	12.2	5.6	0.0	23.6	0.0	0.0	0.0	0.0	20.0	40.0	60.0	70.0	100.0
Chile	168	144	0.0	13.3	0.0	65.6	0.0	30.0	40.0	50.0	70.0	80.0	100.0	100.0	100.0
Chinese Taipei	239	236	0.0	1.1	0.0	93.1	0.0	90.0	90.0	90.0	90.0	100.0	100.0	100.0	100.0
Cote d'Ivoire	372	313	73.2	15.5	0.0	31.3	0.0	0.0	10.0	20.0	30.0	40.0	44.4	60.0	100.0
Cyprus	775	746	70.6	4.0	0.0	45.9	0.0	30.0	30.0	30.0	40.0	60.0	70.0	80.0	100.0
Czech Republic	1348	1318	73.1	2.1	0.0	78.6	50.0	50.0	60.0	70.0	80.0	90.0	100.0	100.0	100.0
England	262	112	0.0	44.1	0.0	72.5	0.0	40.0	50.0	60.0	80.0	90.0	100.0	100.0	100.0
Finland	1239	1131	51.3	6.2	0.0	88.9	0.0	60.0	70.0	90.0	90.0	100.0	100.0	100.0	100.0
France	379	349	53.9	7.0	0.0	48.5	0.0	20.0	30.0	40.0	50.0	60.0	70.0	77.8	100.0
Georgia	936	933	75.2	0.3	0.0	71.4	30.0	50.0	50.0	60.0	70.0	80.0	100.0	100.0	100.0
Hong Kong SAR	185	115	0.0	36.2	0.0	39.2	0.0	10.0	10.0	20.0	30.0	50.0	70.0	90.0	100.0
Hungary	1086	1040	78.2	4.1	0.0	94.1	50.0	80.0	80.0	90.0	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	224	221	0.0	1.3	0.0	84.4	30.0	60.0	60.0	80.0	90.0	100.0	100.0	100.0	100.0
Ireland	440	383	0.0	14.9	0.0	79.9	40.0	50.0	60.0	70.0	80.0	90.0	100.0	100.0	100.0
Israel	265	232	0.0	10.1	0.0	75.6	0.0	40.0	50.0	60.0	80.0	90.0	100.0	100.0	100.0
Italy	236	227	0.0	3.6	0.0	73.4	0.0	22.2	40.0	60.0	80.0	100.0	100.0	100.0	100.0
Japan	147	142	0.0	2.7	0.0	58.6	0.0	30.0	40.0	50.0	60.0	70.0	70.0	90.0	100.0
Jordan	225	218	0.0	3.3	0.0	88.7	30.0	60.0	70.0	80.0	100.0	100.0	100.0	100.0	100.0
Kazakhstan	1209	1194	75.8	1.3	0.0	90.5	40.0	70.0	80.0	88.9	90.0	100.0	100.0	100.0	100.0
Korea, Rep. of	243	233	0.0	4.3	0.0	51.7	0.0	20.0	30.0	40.0	50.0	60.0	80.0	100.0	100.0
Kuwait	157	153	0.0	2.4	0.0	88.2	30.0	50.0	50.0	80.0	100.0	100.0	100.0	100.0	100.0
Lithuania	1096	1056	77.4	3.1	0.0	68.1	30.0	50.0	50.0	60.0	70.0	80.0	90.0	100.0	100.0
Malaysia	313	313	0.0	0.0	0.0	72.5	0.0	30.0	40.0	60.0	70.0	90.0	100.0	100.0	100.0
Malta	466	455	91.8	1.3	0.0	74.7	0.0	30.0	60.0	70.0	80.0	80.0	100.0	100.0	100.0
Morocco	511	499	50.5	1.5	0.0	44.6	0.0	20.0	20.0	30.0	40.0	60.0	70.0	80.0	100.0
New Zealand	211	130	0.0	42.4	0.0	49.1	0.0	0.0	10.0	40.0	50.0	70.0	90.0	100.0	100.0
Norway (9)	310	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oman	284	273	0.0	3.9	0.0	77.9	10.0	40.0	50.0	70.0	80.0	90.0	100.0	100.0	100.0
Palestinian Nat'l Auth.	199	185	0.0	6.6	0.0	89.7	50.0	70.0	80.0	80.0	90.0	100.0	100.0	100.0	100.0
Portugal	521	502	52.1	3.8	0.0	74.2	40.0	50.0	60.0	70.0	80.0	80.0	90.0	90.0	100.0
Qatar	242	224	0.0	4.3	0.0	74.6	0.0	40.0	50.0	60.0	80.0	90.0	100.0	100.0	100.0
Romania	429	385	74.8	10.1	0.0	93.9	60.0	70.0	70.0	90.0	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	214	187	0.0	11.4	0.0	76.9	0.0	30.0	50.0	60.0	80.0	100.0	100.0	100.0	100.0
Singapore	345	343	0.0	0.3	0.0	79.0	10.0	40.0	60.0	80.0	80.0	90.0	100.0	100.0	100.0
South Africa (9)	288	210	0.0	32.7	0.0	79.5	40.0	40.0	50.0	60.0	80.0	100.0	100.0	100.0	100.0
Sweden	814	765	72.0	6.0	0.0	69.3	0.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	100.0
Turkiye	189	188	0.0	0.6	0.0	89.0	60.0	70.0	80.0	80.0	90.0	100.0	100.0	100.0	100.0
United Arab Emirates	1614	1300	0.0	17.0	0.0	84.0	0.0	30.0	50.0	70.0	100.0	100.0	100.0	100.0	100.0
United States	672	551	0.0	11.7	0.0	76.7	0.0	20.0	40.0	60.0	90.0	100.0	100.0	100.0	100.0
Uzbekistan	668	662	75.7	0.9	0.0	94.7	50.0	70.0	80.0	90.0	100.0	100.0	100.0	100.0	100.0
International Avg. (43)	23553	21143	28.3	9.2	0.0	72.8	15.1	42.1	50.7	62.8	75.6	85.8	92.7	96.2	100.0
Abu Dhabi, UAE	597	474	0.0	17.3	0.0	77.8	0.0	20.0	40.0	60.0	90.0	100.0	100.0	100.0	100.0
Dubai, UAE	432	345	0.0	15.6	0.0	87.3	0.0	60.0	70.0	80.0	90.0	100.0	100.0	100.0	100.0
Sharjah, UAE	307	243	0.0	20.7	0.0	85.9	0.0	50.0	50.0	70.0	100.0	100.0	100.0	100.0	100.0

Question: Percent of Students Taught Physics Topics
Location: Derived (BTDSPHY)

Country	Sample	Valid N	Not Appli cable %	Omited %	Not Admin istered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	477	0.0	39.6	0.0	53.2	0.0	30.8	30.8	46.2	53.8	61.5	76.9	84.6	100.0
Austria	889	853	76.4	3.8	0.0	83.6	0.0	38.5	53.8	76.9	92.3	100.0	100.0	100.0	100.0
Azerbaijan	1140	1086	78.4	4.4	0.0	84.8	0.0	69.2	76.9	83.3	84.6	92.3	100.0	100.0	100.0
Bahrain	223	208	0.0	4.5	0.0	82.4	0.0	53.8	61.5	69.2	84.6	100.0	100.0	100.0	100.0
Brazil	916	875	11.1	5.4	0.0	33.4	0.0	0.0	0.0	7.7	30.8	53.8	69.2	76.9	100.0
Chile	168	143	0.0	13.5	0.0	60.8	0.0	15.4	30.8	38.5	61.5	76.9	100.0	100.0	100.0
Chinese Taipei	239	234	0.0	2.2	0.0	48.0	15.4	30.8	33.3	38.5	46.2	53.8	61.5	100.0	100.0
Cote d'Ivoire	372	314	62.4	19.9	0.0	28.4	0.0	7.7	7.7	23.1	23.1	38.5	50.0	53.8	92.3
Cyprus	775	740	71.1	4.7	0.0	40.5	0.0	23.1	23.1	30.8	30.8	53.8	76.9	84.6	100.0
Czech Republic	1348	1323	72.6	1.6	0.0	79.0	38.5	53.8	61.5	69.2	76.9	84.6	92.3	100.0	100.0
England	262	112	0.0	43.6	0.0	73.0	0.0	23.1	38.5	61.5	76.9	92.3	100.0	100.0	100.0
Finland	1239	1111	52.1	7.5	0.0	72.2	0.0	38.5	46.2	61.5	76.9	84.6	84.6	84.6	100.0
France	379	349	53.9	7.0	0.0	39.9	0.0	23.1	23.1	30.8	38.5	46.2	61.5	61.5	72.7
Georgia	936	930	75.5	0.6	0.0	56.4	30.8	38.5	46.2	46.2	53.8	61.5	69.2	84.6	100.0
Hong Kong SAR	185	115	0.0	36.8	0.0	61.1	15.4	30.8	38.5	53.8	61.5	76.9	84.6	91.7	100.0
Hungary	1086	1038	78.1	3.9	0.0	93.9	53.8	76.9	84.6	92.3	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	224	223	0.0	0.4	0.0	69.5	7.7	38.5	46.2	61.5	61.5	84.6	100.0	100.0	100.0
Ireland	440	383	0.0	14.9	0.0	57.7	0.0	30.8	38.5	53.8	61.5	69.2	76.9	84.6	100.0
Israel	265	236	0.0	9.1	0.0	46.8	0.0	7.7	15.4	30.8	46.2	53.8	84.6	100.0	100.0
Italy	236	227	0.0	3.6	0.0	55.2	0.0	15.4	23.1	38.5	53.8	76.9	92.3	100.0	100.0
Japan	147	142	0.0	3.1	0.0	49.6	0.0	30.8	30.8	46.2	46.2	53.8	69.2	76.9	100.0
Jordan	225	219	0.0	2.2	0.0	84.6	15.4	38.5	53.8	76.9	92.3	100.0	100.0	100.0	100.0
Kazakhstan	1209	1195	76.0	1.3	0.0	85.8	46.2	69.2	76.9	76.9	84.6	92.3	100.0	100.0	100.0
Korea, Rep. of	243	235	0.0	4.1	0.0	60.2	0.0	38.5	38.5	50.0	61.5	69.2	84.6	100.0	100.0
Kuwait	157	154	0.0	1.9	0.0	82.8	23.1	53.8	61.5	76.9	84.6	92.3	100.0	100.0	100.0
Lithuania	1096	1055	77.3	3.0	0.0	80.7	30.8	53.8	61.5	76.9	84.6	92.3	100.0	100.0	100.0
Malaysia	313	312	0.0	0.3	0.0	59.7	0.0	0.0	23.1	30.8	61.5	92.3	100.0	100.0	100.0
Malta	466	387	31.0	16.0	0.0	46.5	0.0	23.1	30.8	38.5	46.2	53.8	69.2	84.6	100.0
Morocco	511	500	50.4	1.4	0.0	36.8	0.0	15.4	15.4	23.1	38.5	46.2	53.8	69.2	100.0
New Zealand	211	130	0.0	42.4	0.0	40.5	0.0	7.7	15.4	30.8	38.5	46.2	61.5	76.9	100.0
Norway (9)	310	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oman	284	275	0.0	3.3	0.0	80.1	7.7	46.2	53.8	69.2	84.6	92.3	100.0	100.0	100.0
Palestinian Nat'l Auth.	199	184	0.0	7.4	0.0	78.4	7.7	46.2	53.8	69.2	84.6	92.3	100.0	100.0	100.0
Portugal	521	504	51.9	3.5	0.0	35.9	0.0	15.4	23.1	30.8	38.5	46.2	53.8	53.8	76.9
Qatar	242	226	0.0	4.0	0.0	73.7	0.0	30.8	46.2	61.5	69.2	92.3	100.0	100.0	100.0
Romania	429	383	73.7	10.9	0.0	95.8	15.4	76.9	84.6	92.3	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	214	189	0.0	10.4	0.0	82.2	0.0	46.2	58.3	69.2	84.6	100.0	100.0	100.0	100.0
Singapore	345	343	0.0	0.7	0.0	68.0	0.0	38.5	53.8	61.5	69.2	76.9	84.6	92.3	100.0
South Africa (9)	288	208	0.0	32.9	0.0	62.0	0.0	23.1	30.8	46.2	61.5	84.6	100.0	100.0	100.0
Sweden	814	768	70.2	5.8	0.0	76.3	23.1	46.2	61.5	69.2	76.9	84.6	92.3	100.0	100.0
Turkiye	189	188	0.0	0.6	0.0	81.5	7.7	53.8	61.5	69.2	84.6	92.3	100.0	100.0	100.0
United Arab Emirates	1614	1317	0.0	15.9	0.0	85.6	0.0	46.2	53.8	76.9	92.3	100.0	100.0	100.0	100.0
United States	672	550	0.0	12.0	0.0	82.1	0.0	23.1	46.2	69.2	92.3	100.0	100.0	100.0	100.0
Uzbekistan	668	666	75.1	0.2	0.0	91.0	25.0	69.2	75.0	84.6	100.0	100.0	100.0	100.0	100.0
International Avg. (43)	23553	21107	26.4	9.5	0.0	66.0	8.5	35.8	43.9	56.1	67.3	78.2	87.2	92.1	98.7
Abu Dhabi, UAE	597	481	0.0	15.7	0.0	85.0	0.0	53.8	61.5	76.9	92.3	100.0	100.0	100.0	100.0
Dubai, UAE	432	350	0.0	14.6	0.0	85.5	15.4	46.2	53.8	76.9	92.3	100.0	100.0	100.0	100.0
Sharjah, UAE	307	246	0.0	19.7	0.0	86.0	15.4	46.2	53.8	69.2	100.0	100.0	100.0	100.0	100.0

Question: Percent of Students Taught Earth Science Topics
Location: Derived (BTDSEAR)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	478	0.0	39.2	0.0	61.7	0.0	16.7	33.3	50.0	58.3	75.0	100.0	100.0	100.0
Austria	889	852	75.1	3.5	0.0	79.5	0.0	25.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Azerbaijan	1140	1071	79.4	5.4	0.0	92.5	58.3	72.7	75.0	90.9	100.0	100.0	100.0	100.0	100.0
Bahrain	223	203	0.0	6.1	0.0	87.3	0.0	45.5	58.3	83.3	91.7	100.0	100.0	100.0	100.0
Brazil	916	876	6.0	5.4	0.0	85.8	0.0	41.7	50.0	83.3	100.0	100.0	100.0	100.0	100.0
Chile	168	144	0.0	12.9	0.0	82.7	0.0	41.7	50.0	75.0	91.7	100.0	100.0	100.0	100.0
Chinese Taipei	239	228	0.0	5.2	0.0	10.6	0.0	0.0	0.0	0.0	0.0	8.3	33.3	91.7	100.0
Cote d'Ivoire	372	265	79.8	28.1	0.0	19.7	0.0	0.0	0.0	8.3	9.1	25.0	41.7	58.3	91.7
Cyprus	775	727	67.6	8.0	0.0	73.4	0.0	0.0	16.7	58.3	83.3	100.0	100.0	100.0	100.0
Czech Republic	1348	1315	73.2	2.8	0.0	90.2	0.0	63.6	66.7	83.3	100.0	100.0	100.0	100.0	100.0
England	262	110	0.0	44.1	0.0	53.4	0.0	0.0	16.7	25.0	50.0	83.3	100.0	100.0	100.0
Finland	1239	1183	53.8	3.6	0.0	82.8	0.0	58.3	66.7	75.0	83.3	91.7	100.0	100.0	100.0
France	379	352	53.4	6.6	0.0	70.0	8.3	33.3	41.7	58.3	75.0	83.3	91.7	100.0	100.0
Georgia	936	929	75.5	0.7	0.0	95.1	66.7	75.0	83.3	91.7	100.0	100.0	100.0	100.0	100.0
Hong Kong SAR	185	114	0.0	36.8	0.0	36.4	0.0	0.0	16.7	18.2	33.3	50.0	66.7	75.0	100.0
Hungary	1086	1030	78.6	4.6	0.0	88.9	0.0	50.0	63.6	83.3	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	224	220	0.0	1.6	0.0	71.9	8.3	33.3	41.7	58.3	66.7	100.0	100.0	100.0	100.0
Ireland	440	382	0.0	15.7	0.0	46.3	0.0	8.3	16.7	25.0	50.0	63.6	83.3	100.0	100.0
Israel	265	219	0.0	15.0	0.0	34.5	0.0	0.0	0.0	8.3	25.0	58.3	100.0	100.0	100.0
Italy	236	227	0.0	3.6	0.0	70.7	0.0	25.0	41.7	58.3	75.0	91.7	100.0	100.0	100.0
Japan	147	142	0.0	2.7	0.0	59.7	0.0	25.0	41.7	50.0	66.7	75.0	75.0	83.3	100.0
Jordan	225	218	0.0	3.4	0.0	82.1	0.0	25.0	41.7	75.0	91.7	100.0	100.0	100.0	100.0
Kazakhstan	1209	1191	75.9	1.2	0.0	98.1	18.2	90.9	91.7	100.0	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	243	235	0.0	3.7	0.0	64.6	0.0	25.0	33.3	50.0	66.7	75.0	100.0	100.0	100.0
Kuwait	157	151	0.0	3.1	0.0	73.5	0.0	18.2	41.7	58.3	81.8	91.7	100.0	100.0	100.0
Lithuania	1096	1044	78.5	4.4	0.0	94.7	50.0	66.7	75.0	91.7	100.0	100.0	100.0	100.0	100.0
Malaysia	313	311	0.0	0.6	0.0	65.0	0.0	0.0	0.0	41.7	75.0	100.0	100.0	100.0	100.0
Malta	466	459	98.0	1.0	0.0	39.8	0.0	0.0	0.0	8.3	33.3	75.0	75.0	100.0	100.0
Morocco	511	490	51.8	3.0	0.0	66.5	0.0	33.3	41.7	50.0	66.7	91.7	100.0	100.0	100.0
New Zealand	211	131	0.0	42.3	0.0	37.9	0.0	0.0	0.0	16.7	33.3	58.3	83.3	83.3	100.0
Norway (9)	310	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	284	271	0.0	4.6	0.0	78.1	0.0	8.3	33.3	66.7	91.7	100.0	100.0	100.0	100.0
Palestinian Nat'l Auth.	199	182	0.0	8.2	0.0	85.7	16.7	50.0	66.7	75.0	91.7	100.0	100.0	100.0	100.0
Portugal	521	503	51.5	3.1	0.0	77.7	8.3	50.0	58.3	66.7	75.0	91.7	100.0	100.0	100.0
Qatar	242	225	0.0	3.8	0.0	72.2	0.0	16.7	33.3	58.3	83.3	100.0	100.0	100.0	100.0
Romania	429	429	100.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	214	185	0.0	12.7	0.0	89.6	0.0	41.7	66.7	90.9	100.0	100.0	100.0	100.0	100.0
Singapore	345	341	0.0	1.1	0.0	19.9	0.0	0.0	0.0	8.3	16.7	33.3	41.7	58.3	100.0
South Africa (9)	288	203	0.0	34.4	0.0	40.3	0.0	0.0	0.0	8.3	33.3	66.7	100.0	100.0	100.0
Sweden	814	814	100.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0
Turkiye	189	188	0.0	0.6	0.0	85.7	33.3	58.3	66.7	75.0	91.7	100.0	100.0	100.0	100.0
United Arab Emirates	1614	1304	0.0	16.9	0.0	87.1	0.0	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0
United States	672	550	0.0	11.7	0.0	89.5	0.0	33.3	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Uzbekistan	668	660	75.9	1.2	0.0	93.5	50.0	66.7	75.0	91.7	100.0	100.0	100.0	100.0	100.0
International Avg. (43)	23553	21152	29.6	9.6	0.0	69.1	7.8	30.3	41.0	57.3	72.5	85.1	92.5	96.3	99.8
Abu Dhabi, UAE	597	475	0.0	17.1	0.0	86.0	0.0	50.0	58.3	75.0	91.7	100.0	100.0	100.0	100.0
Dubai, UAE	432	346	0.0	15.7	0.0	85.1	0.0	33.3	50.0	75.0	100.0	100.0	100.0	100.0	100.0
Sharjah, UAE	307	243	0.0	20.6	0.0	89.0	0.0	45.5	66.7	83.3	100.0	100.0	100.0	100.0	100.0

Question: Science Instruction Hours per Week
Location: Derived (BTDSHW)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	495	0.0	2.0	35.0	3.2	0.0	0.7	2.2	2.9	3.3	3.5	4.0	4.2	16.7
Austria	889	883	98.0	0.2	0.3	2.3	0.8	0.8	1.7	1.7	2.3	2.5	3.8	3.8	5.0
Azerbaijan	1140	1140	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Bahrain	223	217	0.0	2.5	0.0	3.4	0.0	1.3	2.0	2.9	3.0	3.3	4.2	5.0	16.0
Brazil	916	862	0.0	2.4	4.2	2.5	0.0	0.8	1.5	2.0	2.5	3.0	3.3	3.3	16.7
Chile	168	144	0.0	2.7	11.0	2.8	0.0	0.1	1.5	2.5	3.0	3.0	4.0	4.5	6.0
Chinese Taipei	239	234	0.0	1.7	0.0	3.0	0.1	2.3	2.3	2.5	3.0	3.3	3.8	4.0	7.5
Cote d'Ivoire	372	372	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Cyprus	775	764	91.0	0.8	1.9	3.0	0.0	2.0	2.1	2.3	3.0	3.3	4.0	4.0	6.7
Czech Republic	1348	1348	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
England	262	114	0.0	2.5	39.8	2.7	0.0	0.8	1.0	1.7	3.0	4.0	4.5	5.0	6.0
Finland	1239	1239	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
France	379	379	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Georgia	936	936	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Hong Kong SAR	185	116	0.0	0.9	34.9	3.0	1.3	1.9	2.3	2.4	2.9	3.3	3.7	4.5	10.0
Hungary	1086	1086	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Iran, Islamic Rep. of	224	216	0.0	3.9	0.0	2.9	0.1	0.5	1.5	2.2	2.3	3.0	4.5	6.7	15.0
Ireland	440	379	0.0	2.4	11.5	2.4	1.0	1.9	2.0	2.0	2.5	2.7	3.0	3.0	4.0
Israel	265	237	0.0	2.1	6.8	3.1	0.8	1.5	1.5	2.3	3.0	3.8	3.8	4.5	13.5
Italy	236	228	0.0	0.3	2.9	2.0	0.0	1.3	1.7	2.0	2.0	2.0	2.0	2.8	6.7
Japan	147	138	0.0	3.2	1.7	3.2	0.8	1.7	3.0	3.3	3.3	3.3	3.3	3.3	6.7
Jordan	225	218	0.0	2.6	0.0	3.0	0.1	0.1	0.8	2.7	3.0	3.3	4.5	5.0	16.7
Kazakhstan	1209	1209	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Korea, Rep. of	243	236	0.0	0.9	2.8	2.4	0.0	0.1	0.8	1.5	2.3	3.0	3.0	3.0	15.0
Kuwait	157	134	0.0	13.1	1.1	3.6	0.1	0.7	2.5	3.0	3.0	3.0	5.0	9.0	16.7
Lithuania	1096	1096	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Malaysia	313	312	0.0	0.4	0.0	3.7	0.1	0.5	2.5	2.9	3.0	3.3	4.2	13.3	16.7
Malta	466	465	98.5	0.0	0.2	2.8	1.3	1.3	1.3	1.8	3.0	3.3	3.3	5.0	5.0
Morocco	511	511	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
New Zealand	211	133	0.0	0.9	39.3	3.2	0.7	2.0	2.5	3.0	3.3	3.5	4.0	4.0	5.0
Norway (9)	310	230	0.0	1.2	23.2	2.2	0.0	1.3	1.5	2.0	2.0	2.3	2.5	3.0	12.0
Oman	284	267	0.0	4.8	0.9	4.2	0.1	0.8	3.0	3.5	4.0	4.5	4.7	6.0	16.0
Palestinian Nat'l Auth.	199	183	0.0	4.0	2.9	3.8	0.1	1.8	3.0	3.3	3.3	3.8	4.5	7.0	16.7
Portugal	521	521	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Qatar	242	222	0.0	3.7	1.8	3.3	0.0	0.1	1.5	3.0	3.3	4.0	5.0	5.3	16.5
Romania	429	429	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	214	182	0.0	9.3	5.0	4.3	0.1	0.5	2.5	3.0	3.0	3.8	11.3	13.3	16.7
Singapore	345	344	0.0	0.1	0.0	3.2	0.0	2.3	2.5	2.9	3.0	3.5	3.5	4.0	13.0
South Africa (9)	288	200	0.0	7.2	29.5	3.2	0.0	0.1	1.5	2.9	3.0	3.8	4.3	6.0	11.7
Sweden	814	814	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Turkiye	189	188	0.0	0.7	0.0	3.2	0.0	0.1	0.2	2.7	2.7	4.0	4.2	6.0	12.0
United Arab Emirates	1614	1270	0.0	6.7	12.8	4.0	0.0	1.3	1.7	3.0	4.0	4.5	5.0	6.7	16.7
United States	672	512	0.0	7.7	10.5	4.4	0.1	1.3	2.5	3.3	4.0	4.6	5.8	12.0	16.7
Uzbekistan	668	668	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
International Avg. (44)	23553	21871	38.4	2.1	6.4	3.1	0.3	1.1	1.9	2.6	3.0	3.4	4.2	5.6	12.0
Abu Dhabi, UAE	597	461	0.0	6.1	13.5	4.2	0.0	1.3	2.0	3.0	4.0	4.5	5.0	7.0	16.7
Dubai, UAE	432	333	0.0	8.4	11.7	3.8	0.0	1.3	2.0	3.0	3.3	4.0	5.0	6.0	16.7
Sharjah, UAE	307	244	0.0	4.1	15.4	4.1	0.1	1.2	1.3	2.7	4.0	4.5	5.8	13.3	16.0

Question: Biology Instruction Hours per Week
Location: Derived (BTDBHW)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	864	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Austria	889	719	71.7	8.2	10.7	1.6	0.2	0.6	0.8	1.6	1.7	1.7	2.0	3.3	7.0
Azerbaijan	1140	919	74.4	3.3	14.1	1.7	0.0	0.1	0.8	1.5	1.5	1.5	2.3	3.0	16.0
Bahrain	223	223	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Brazil	916	916	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chile	168	168	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chinese Taipei	239	239	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Cote d'Ivoire	372	129	57.5	8.9	51.6	1.0	0.0	0.8	0.8	0.8	0.9	1.0	1.1	1.1	8.0
Cyprus	775	651	68.6	2.7	13.2	0.9	0.0	0.5	0.6	0.7	0.7	0.8	1.1	2.0	13.3
Czech Republic	1348	1250	71.0	0.7	6.4	1.5	0.0	0.8	0.8	1.5	1.5	1.5	2.0	2.3	6.0
England	262	262	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Finland	1239	1181	51.9	0.6	2.9	0.8	0.0	0.0	0.4	0.8	0.8	1.0	1.2	1.5	5.5
France	379	324	49.7	1.4	11.9	0.8	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.9	8.3
Georgia	936	919	74.7	1.4	0.1	1.5	0.0	0.0	1.0	1.3	1.5	1.5	1.5	2.0	16.7
Hong Kong SAR	185	185	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Hungary	1086	887	75.5	1.4	15.8	1.5	0.0	0.8	0.8	1.0	1.5	1.5	2.0	3.0	12.8
Iran, Islamic Rep. of	224	224	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Ireland	440	440	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Israel	265	265	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Italy	236	236	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Japan	147	147	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Jordan	225	225	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kazakhstan	1209	1149	75.4	3.2	1.4	1.6	0.0	0.3	0.8	1.3	1.5	1.5	2.3	3.0	6.0
Korea, Rep. of	243	243	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kuwait	157	157	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Lithuania	1096	928	74.6	0.8	12.4	1.0	0.0	0.0	0.8	0.8	0.8	1.0	1.5	2.3	16.7
Malaysia	313	313	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Malta	466	355	81.7	3.1	16.8	2.7	0.1	2.0	2.7	2.7	2.7	2.7	3.0	4.0	5.3
Morocco	511	478	50.0	3.0	2.2	1.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.5	2.5
New Zealand	211	211	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Norway (9)	310	310	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Oman	284	284	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Palestinian Nat'l Auth.	199	199	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Portugal	521	486	48.9	1.6	5.1	1.1	0.0	0.6	1.0	1.0	1.1	1.1	1.3	1.4	4.7
Qatar	242	242	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Romania	429	309	63.9	2.0	25.3	1.2	0.0	0.5	0.8	0.8	0.8	1.0	1.7	3.0	16.7
Saudi Arabia	214	214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Singapore	345	345	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	288	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	814	691	66.5	0.5	14.3	1.1	0.1	0.7	0.7	0.8	0.8	1.1	1.7	2.5	4.7
Turkiye	189	189	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United Arab Emirates	1614	1614	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United States	672	672	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Uzbekistan	668	647	75.4	2.1	1.4	1.7	0.0	0.1	1.5	1.5	1.5	1.5	2.5	3.0	6.0
International Avg. (44)	23553	21697	87.1	1.0	4.7	1.3	0.0	0.5	0.9	1.2	1.2	1.3	1.7	2.3	9.2
Abu Dhabi, UAE	597	597	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Dubai, UAE	432	432	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sharjah, UAE	307	307	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.

Question: Chemistry Instruction Hours per Week
Location: Derived (BTDCHW)

Country	Sample	Valid N	Not Appli cable %	Omited %	Not Admin istered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	864	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Austria	889	719	75.4	8.2	10.7	1.7	0.2	0.6	0.8	1.3	1.7	1.7	2.5	3.0	5.3
Azerbaijan	1140	919	76.1	3.3	14.1	1.7	0.0	0.0	0.3	1.5	1.5	1.5	2.0	3.0	15.9
Bahrain	223	223	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Brazil	916	916	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chile	168	168	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chinese Taipei	239	239	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Cote d'Ivoire	372	129	42.6	8.9	51.6	0.8	0.0	0.5	0.7	0.8	0.8	1.0	1.0	1.0	1.5
Cyprus	775	651	67.9	2.7	13.2	0.8	0.0	0.5	0.6	0.7	0.7	0.8	1.0	1.3	8.7
Czech Republic	1348	1250	71.6	0.7	6.4	1.6	0.0	0.8	1.5	1.5	1.5	1.5	1.9	2.6	11.0
England	262	262	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Finland	1239	1181	48.0	0.6	2.9	1.0	0.0	0.5	0.6	0.8	1.1	1.1	1.5	1.7	5.0
France	379	324	50.3	1.4	11.9	0.7	0.0	0.6	0.7	0.8	0.8	0.8	0.8	1.0	1.7
Georgia	936	919	75.0	1.4	0.1	1.4	0.0	0.0	0.3	1.3	1.5	1.5	1.5	2.0	11.3
Hong Kong SAR	185	185	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Hungary	1086	887	74.4	1.4	15.8	1.6	0.0	0.8	1.0	1.2	1.5	1.5	2.6	3.0	8.3
Iran, Islamic Rep. of	224	224	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Ireland	440	440	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Israel	265	265	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Italy	236	236	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Japan	147	147	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Jordan	225	225	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kazakhstan	1209	1149	75.0	3.2	1.4	1.7	0.0	0.7	1.2	1.5	1.5	1.5	2.3	3.0	7.5
Korea, Rep. of	243	243	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kuwait	157	157	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Lithuania	1096	928	74.6	0.8	12.4	1.7	0.0	0.0	1.5	1.5	1.5	1.8	2.3	3.0	7.5
Malaysia	313	313	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Malta	466	355	91.9	3.1	16.8	3.4	2.0	2.0	2.7	2.7	2.7	2.7	3.7	10.7	16.0
Morocco	511	478	50.0	3.0	2.2	0.3	0.0	0.1	0.3	0.3	0.3	0.3	0.3	0.4	2.1
New Zealand	211	211	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Norway (9)	310	310	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Oman	284	284	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Palestinian Nat'l Auth.	199	199	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Portugal	521	486	51.1	1.6	5.1	1.2	0.0	0.8	1.0	1.1	1.3	1.3	1.5	1.5	8.3
Qatar	242	242	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Romania	429	309	68.4	2.0	25.3	2.0	0.0	0.0	1.0	1.7	1.7	2.0	3.0	4.0	15.0
Saudi Arabia	214	214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Singapore	345	345	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	288	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	814	691	67.8	0.5	14.3	1.1	0.0	0.7	0.7	0.8	0.8	1.1	1.6	2.5	16.7
Turkiye	189	189	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United Arab Emirates	1614	1614	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United States	672	672	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Uzbekistan	668	647	75.2	2.1	1.4	1.7	0.0	0.1	1.5	1.5	1.5	1.5	2.5	4.0	12.0
International Avg. (44)	23553	21697	87.2	1.0	4.7	1.4	0.2	0.5	1.0	1.2	1.3	1.4	1.9	2.8	9.0
Abu Dhabi, UAE	597	597	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Dubai, UAE	432	432	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sharjah, UAE	307	307	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.

Question: Physics Instruction Hours per Week
Location: Derived (BTDPHW)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	864	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Austria	889	719	73.4	8.2	10.7	1.8	0.2	0.6	0.8	1.7	1.7	2.2	2.5	3.3	7.0
Azerbaijan	1140	919	74.7	3.3	14.1	1.6	0.0	0.1	0.8	1.5	1.5	1.5	2.0	2.3	16.5
Bahrain	223	223	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Brazil	916	916	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chile	168	168	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chinese Taipei	239	239	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Cote d'Ivoire	372	129	42.6	8.9	51.6	0.8	0.0	0.5	0.7	0.8	0.8	1.0	1.0	1.0	1.5
Cyprus	775	651	68.1	2.7	13.2	1.2	0.0	0.5	0.6	0.8	1.3	1.4	1.5	2.2	3.0
Czech Republic	1348	1250	70.8	0.7	6.4	1.7	0.0	0.8	0.8	1.5	1.5	1.5	2.3	3.0	10.7
England	262	262	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Finland	1239	1181	48.1	0.6	2.9	1.0	0.0	0.5	0.6	0.8	1.1	1.1	1.5	1.7	5.0
France	379	324	50.3	1.4	11.9	0.7	0.0	0.6	0.7	0.8	0.8	0.8	0.8	1.0	1.7
Georgia	936	919	74.8	1.4	0.1	1.5	0.0	0.0	1.2	1.3	1.5	1.5	2.0	2.0	8.3
Hong Kong SAR	185	185	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Hungary	1086	887	75.0	1.4	15.8	1.3	0.0	0.8	0.8	0.8	1.1	1.5	2.3	3.0	7.0
Iran, Islamic Rep. of	224	224	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Ireland	440	440	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Israel	265	265	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Italy	236	236	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Japan	147	147	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Jordan	225	225	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kazakhstan	1209	1149	74.6	3.2	1.4	1.7	0.0	0.8	1.0	1.5	1.5	1.5	2.3	3.0	9.8
Korea, Rep. of	243	243	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kuwait	157	157	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Lithuania	1096	928	74.3	0.8	12.4	1.7	0.0	1.5	1.5	1.5	1.5	1.5	2.0	3.0	10.0
Malaysia	313	313	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Malta	466	355	27.5	3.1	16.8	3.1	0.4	2.3	2.5	2.7	2.7	2.7	3.0	5.3	16.0
Morocco	511	478	50.0	3.0	2.2	0.8	0.0	0.4	0.8	0.8	0.8	0.8	0.8	1.1	6.3
New Zealand	211	211	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Norway (9)	310	310	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Oman	284	284	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Palestinian Nat'l Auth.	199	199	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Portugal	521	486	51.1	1.6	5.1	1.2	0.0	0.8	1.0	1.1	1.3	1.3	1.5	1.5	8.3
Qatar	242	242	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Romania	429	309	67.7	2.0	25.3	1.9	0.0	0.1	1.2	1.7	1.7	2.0	3.3	4.0	8.3
Saudi Arabia	214	214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Singapore	345	345	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	288	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	814	691	65.7	0.5	14.3	1.2	0.4	0.7	0.7	0.8	0.8	1.1	1.7	2.5	16.7
Turkiye	189	189	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United Arab Emirates	1614	1614	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United States	672	672	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Uzbekistan	668	647	74.5	2.1	1.4	1.8	0.0	0.0	1.5	1.5	1.5	1.5	2.3	4.5	15.0
International Avg. (44)	23553	21697	85.5	1.0	4.7	1.5	0.1	0.6	1.0	1.3	1.3	1.5	1.9	2.6	8.9
Abu Dhabi, UAE	597	597	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Dubai, UAE	432	432	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sharjah, UAE	307	307	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.

Question: Earth Science Instruction Hours per Week
Location: Derived (BTDEHW)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	864	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Austria	889	719	71.9	8.2	10.7	1.6	0.2	0.6	0.8	1.5	1.7	1.7	2.3	3.3	5.0
Azerbaijan	1140	919	74.9	3.3	14.1	1.7	0.0	0.0	0.7	1.5	1.5	1.5	2.3	3.8	13.5
Bahrain	223	223	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Brazil	916	916	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chile	168	168	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Chinese Taipei	239	239	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Cote d'Ivoire	372	129	63.2	8.9	51.6	1.0	0.0	0.8	0.8	0.8	0.9	1.0	1.0	1.3	8.0
Cyprus	775	651	64.2	2.7	13.2	0.9	0.0	0.5	0.6	0.7	0.7	0.8	1.3	1.7	12.0
Czech Republic	1348	1250	71.9	0.7	6.4	1.5	0.0	0.5	0.8	0.8	1.5	1.5	2.0	3.0	13.0
England	262	262	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Finland	1239	1181	52.0	0.6	2.9	0.8	0.0	0.0	0.4	0.8	0.8	1.0	1.2	1.5	5.5
France	379	324	49.7	1.4	11.9	0.8	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.9	8.3
Georgia	936	919	75.5	1.4	0.1	1.3	0.0	0.0	0.0	1.3	1.3	1.5	1.5	2.0	4.0
Hong Kong SAR	185	185	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Hungary	1086	887	75.1	1.4	15.8	1.6	0.0	0.8	0.8	1.5	1.5	1.5	2.3	3.3	6.0
Iran, Islamic Rep. of	224	224	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Ireland	440	440	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Israel	265	265	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Italy	236	236	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Japan	147	147	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Jordan	225	225	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kazakhstan	1209	1149	75.0	3.2	1.4	1.5	0.0	0.7	0.8	1.3	1.5	1.5	2.0	2.3	9.0
Korea, Rep. of	243	243	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Kuwait	157	157	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Lithuania	1096	928	76.4	0.8	12.4	1.5	0.0	0.0	0.8	1.5	1.5	1.5	2.0	2.0	10.0
Malaysia	313	313	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Malta	466	355	98.9	3.1	16.8	2.9	2.0	2.0	2.7	2.7	2.7	2.7	4.0	5.3	5.3
Morocco	511	478	50.0	3.0	2.2	1.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.5	2.5
New Zealand	211	211	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Norway (9)	310	310	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Oman	284	284	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Palestinian Nat'l Auth.	199	199	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Portugal	521	486	48.9	1.6	5.1	0.2	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.8
Qatar	242	242	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Romania	429	429	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	214	214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Singapore	345	345	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
South Africa (9)	288	288	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	814	814	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Turkiye	189	189	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United Arab Emirates	1614	1614	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
United States	672	672	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Uzbekistan	668	647	74.9	2.1	1.4	1.4	0.0	0.0	0.3	1.1	1.5	1.5	2.3	2.4	6.0
International Avg. (44)	23553	21940	89.1	1.0	3.8	1.3	0.2	0.5	0.7	1.2	1.3	1.3	1.7	2.3	7.3
Abu Dhabi, UAE	597	597	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Dubai, UAE	432	432	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sharjah, UAE	307	307	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.

Question: School Emphasis on Academic Success - Teachers' Reports
Location: Scale (BTBGEAS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	547	0.4	33.7	9.7	2.9	6.5	6.8	8.3	9.7	11.4	12.3	13.4	17.6
Austria	889	789	3.3	8.2	9.5	3.8	6.5	7.2	8.3	9.3	10.7	11.7	12.3	17.6
Azerbaijan	1140	970	0.9	12.3	10.9	5.6	7.9	8.3	9.3	10.7	12.0	13.4	14.7	17.6
Bahrain	223	222	0.1	0.0	11.9	6.5	7.9	9.0	10.0	11.7	13.4	15.3	17.6	17.6
Brazil	916	889	0.2	4.1	9.0	1.2	5.6	6.0	7.2	9.0	10.4	12.3	12.7	17.6
Chile	168	147	0.7	11.0	9.7	4.5	6.5	7.2	8.3	9.7	11.0	12.3	13.0	16.1
Chinese Taipei	239	238	0.3	0.0	10.2	1.2	6.0	6.8	8.3	10.4	12.0	13.4	14.2	17.6
Cote d'Ivoire	372	186	0.3	50.5	9.0	4.5	5.6	6.5	7.6	8.6	10.4	11.7	12.7	15.3
Cyprus	775	690	0.0	10.6	10.6	1.2	7.2	7.9	9.0	10.4	11.7	13.8	14.7	17.6
Czech Republic	1348	1272	0.0	5.5	9.3	1.2	7.2	7.6	8.3	9.3	10.0	11.4	12.0	17.6
England	262	127	0.8	38.1	10.2	5.6	6.8	7.9	8.6	10.0	11.7	13.0	14.2	17.6
Finland	1239	1201	0.2	2.4	9.6	1.2	7.2	7.6	8.6	9.7	10.7	11.7	12.0	17.6
France	379	331	0.2	11.7	9.5	5.0	6.5	7.2	8.3	9.3	10.7	12.0	13.0	17.6
Georgia	936	933	0.1	0.1	10.4	5.0	7.6	7.9	9.3	10.0	11.4	12.7	14.2	17.6
Hong Kong SAR	185	117	0.0	34.9	10.1	6.0	6.8	7.9	9.0	10.0	11.4	12.3	13.8	14.2
Hungary	1086	928	1.1	12.9	9.7	3.8	6.0	7.6	8.3	9.7	10.7	12.0	13.0	17.6
Iran, Islamic Rep. of	224	224	0.0	0.0	10.4	3.8	6.8	7.2	8.3	10.4	12.0	13.8	15.3	17.6
Ireland	440	401	1.1	8.4	10.8	3.8	7.9	8.6	9.3	10.7	12.0	13.0	13.8	17.6
Israel	265	245	0.4	6.8	10.3	5.0	7.2	7.6	9.0	10.0	11.4	13.4	14.2	17.6
Italy	236	212	6.7	2.9	9.4	5.0	6.8	7.6	8.6	9.3	10.4	11.7	12.3	15.3
Japan	147	144	0.0	1.7	9.8	5.6	6.5	7.6	8.6	9.7	11.0	12.3	13.4	15.3
Jordan	225	224	0.3	0.0	10.3	2.9	7.2	7.6	8.6	10.0	11.7	13.8	14.1	17.6
Kazakhstan	1209	1193	0.5	0.6	11.7	7.2	8.6	9.3	10.4	11.4	12.7	14.2	16.1	17.6
Korea, Rep. of	243	236	0.9	2.8	11.2	5.1	7.2	7.9	9.3	11.0	13.0	14.7	17.6	17.6
Kuwait	157	155	0.0	1.1	11.1	6.0	7.9	8.6	9.7	11.0	12.0	14.2	15.3	17.6
Lithuania	1096	960	0.1	10.5	10.6	5.0	7.9	8.6	9.7	10.4	11.7	12.7	13.4	17.6
Malaysia	313	313	0.0	0.0	11.0	5.0	7.9	8.6	9.7	10.7	12.0	13.8	14.7	17.6
Malta	466	393	0.0	12.0	9.9	4.5	6.0	7.2	8.6	10.0	11.0	12.0	12.7	17.6
Morocco	511	491	0.3	2.2	8.4	1.2	5.6	6.5	7.2	8.3	9.3	11.0	11.7	15.3
New Zealand	211	136	0.0	38.6	9.8	5.0	6.0	6.5	8.3	9.7	11.7	12.7	14.2	16.1
Norway (9)	310	239	0.0	21.3	9.8	3.8	7.2	7.9	9.0	9.7	10.7	11.7	12.3	13.8
Oman	284	282	0.0	0.5	11.6	6.0	8.3	9.0	10.4	11.7	12.7	13.8	16.1	17.6
Palestinian Nat'l Auth.	199	191	0.5	2.9	9.8	4.5	6.5	7.6	8.6	10.0	11.0	12.0	12.7	17.6
Portugal	521	493	0.3	4.9	9.4	4.5	6.5	7.2	8.3	9.3	10.4	11.7	12.7	14.7
Qatar	242	235	0.0	1.8	12.5	6.5	8.6	9.7	10.7	12.3	13.8	17.6	17.6	17.6
Romania	429	322	0.3	23.1	11.1	5.0	7.9	8.6	9.7	10.7	12.3	13.4	16.1	17.6
Saudi Arabia	214	202	1.1	4.7	12.0	6.0	7.9	8.6	10.4	11.7	13.4	16.1	17.6	17.6
Singapore	345	345	0.0	0.0	10.6	3.8	6.8	7.9	9.0	10.4	11.7	13.4	14.2	17.6
South Africa (9)	288	215	2.2	29.3	10.0	4.5	6.8	7.6	8.6	9.7	11.4	13.0	14.2	17.6
Sweden	814	674	2.5	13.9	9.8	5.6	7.2	7.9	8.6	9.7	10.7	12.0	12.7	14.2
Turkiye	189	189	0.0	0.0	10.3	6.0	6.8	7.2	9.0	10.4	11.7	13.0	14.2	17.6
United Arab Emirates	1614	1410	0.1	11.5	12.3	5.6	8.3	9.3	10.7	12.0	13.4	17.6	17.6	17.6
United States	672	582	0.6	8.9	9.8	2.9	6.0	7.2	8.6	9.7	11.0	12.7	13.8	17.6
Uzbekistan	668	656	0.5	1.4	11.6	3.8	8.3	8.6	10.0	11.4	12.7	15.3	17.6	17.6
International Avg. (44)	23553	20949	0.6	10.2	10.3	4.4	7.1	7.8	8.9	10.2	11.5	13.1	14.2	17.0
Abu Dhabi, UAE	597	521	0.2	11.2	11.7	5.6	7.6	8.3	9.7	11.7	13.0	15.3	17.6	17.6
Dubai, UAE	432	365	0.1	11.5	12.5	6.0	9.0	9.7	11.0	12.3	13.8	16.1	17.6	17.6
Sharjah, UAE	307	270	0.0	14.0	12.8	6.0	9.0	10.0	11.0	12.3	14.2	17.6	17.6	17.6

Question: School Emphasis on Academic Success - Teachers' Reports
Location: Index (BTDGEAS)

Country	Sample	Valid N	1.Very high emphas is %	2.High emphas is %	3.Medi um emphas is %	Not admini stered %	Omitte d %	1.Very high emphas is Mean	2.High emphas is Mean	3.Medi um emphas is Mean	Not admini stered Mean	Omitte d Mean
Australia	864	547	3.8	44.3	51.9	33.7	0.4	542.3	542.7	509.5	509.7	521.7
Austria	889	789	2.2	37.5	60.3	8.2	3.3	552.4	532.9	499.4	500.5	501.7
Azerbaijan	1140	970	9.0	56.4	34.5	12.3	0.9	415.3	412.0	407.3	415.3	424.0
Bahrain	223	222	24.1	56.8	19.0	0.0	0.1	473.7	451.5	424.7	.	491.0
Brazil	916	889	2.1	33.3	64.6	4.1	0.2	447.8	440.9	406.9	442.1	385.5
Chile	168	147	2.8	43.8	53.3	11.0	0.7	518.8	459.7	448.6	447.5	542.0
Chinese Taipei	239	238	8.9	45.6	45.5	0.0	0.3	583.5	591.5	549.2	.	661.7
Cote d'Ivoire	372	186	1.0	29.1	69.9	50.5	0.3	280.4	209.4	168.9	184.4	142.5
Cyprus	775	690	10.2	50.4	39.5	10.6	0.0	493.3	474.2	442.2	470.4	.
Czech Republic	1348	1272	1.0	31.0	68.0	5.5	0.0	584.2	543.2	518.6	531.1	604.7
England	262	127	6.7	46.9	46.4	38.1	0.8	584.8	530.6	522.6	530.5	634.4
Finland	1239	1201	0.6	41.3	58.1	2.4	0.2	544.0	544.7	520.2	538.2	513.8
France	379	331	3.1	37.5	59.4	11.7	0.2	512.6	504.4	476.5	471.8	505.1
Georgia	936	933	6.8	50.6	42.6	0.1	0.1	455.8	450.6	443.0	497.7	466.1
Hong Kong SAR	185	117	5.4	52.3	42.4	34.9	0.0	629.9	540.8	508.7	519.7	.
Hungary	1086	928	2.4	43.6	54.0	12.9	1.1	539.8	537.6	508.9	520.2	497.9
Iran, Islamic Rep. of	224	224	10.3	45.6	44.1	0.0	0.0	453.9	415.1	414.8	.	.
Ireland	440	401	5.8	64.3	29.9	8.4	1.1	541.5	531.9	519.2	515.8	527.6
Israel	265	245	8.6	46.3	45.1	6.8	0.4	493.5	494.5	465.0	472.1	520.0
Italy	236	212	1.7	31.2	67.1	2.9	6.7	513.7	508.4	495.2	491.0	519.2
Japan	147	144	2.2	46.2	51.6	1.7	0.0	571.2	564.4	549.6	559.5	.
Jordan	225	224	10.2	43.6	46.2	0.0	0.3	401.2	422.1	406.9	.	328.3
Kazakhstan	1209	1193	14.3	67.7	18.0	0.6	0.5	452.2	437.8	453.6	431.4	458.6
Korea, Rep. of	243	236	18.7	49.3	32.0	2.8	0.9	551.3	551.0	534.4	535.1	536.3
Kuwait	157	155	13.0	57.4	29.6	1.1	0.0	479.4	419.9	394.9	372.6	.
Lithuania	1096	960	4.2	63.3	32.6	10.5	0.1	537.5	523.8	507.5	521.5	509.6
Malaysia	313	313	10.0	61.1	28.8	0.0	0.0	450.0	433.9	402.3	.	.
Malta	466	393	2.8	50.6	46.6	12.0	0.0	543.6	528.1	471.4	494.4	.
Morocco	511	491	1.4	18.5	80.0	2.2	0.3	402.2	341.9	321.9	346.5	256.7
New Zealand	211	136	5.8	40.1	54.1	38.6	0.0	537.3	518.1	477.8	508.7	.
Norway (9)	310	239	0.4	44.5	55.1	21.3	0.0	502.6	499.6	484.1	478.6	.
Oman	284	282	12.4	67.5	20.1	0.5	0.0	463.1	459.3	437.6	515.7	.
Palestinian Nat'l Auth.	199	191	3.0	48.1	49.0	2.9	0.5	427.5	405.7	377.7	374.9	541.7
Portugal	521	493	0.8	37.1	62.1	4.9	0.3	539.7	521.7	495.8	498.7	548.4
Qatar	242	235	29.4	59.1	11.5	1.8	0.0	499.9	471.2	483.3	485.4	.
Romania	429	322	9.8	61.1	29.2	23.1	0.3	472.5	472.9	465.4	450.7	494.4
Saudi Arabia	214	202	23.0	56.0	21.1	4.7	1.1	441.5	419.2	396.7	414.6	395.6
Singapore	345	345	8.8	52.4	38.8	0.0	0.0	699.7	622.3	563.2	.	.
South Africa (9)	288	215	7.0	41.1	51.9	29.3	2.2	400.4	379.8	351.4	355.4	324.1
Sweden	814	674	0.8	46.8	52.4	13.9	2.5	544.7	537.8	509.2	510.5	530.6
Turkiye	189	189	8.2	48.5	43.3	0.0	0.0	591.1	541.7	504.1	.	.
United Arab Emirates	1614	1410	24.9	58.2	16.9	11.5	0.1	524.4	483.0	430.6	500.6	433.5
United States	672	582	7.2	38.7	54.0	8.9	0.6	511.7	530.6	504.0	505.5	522.7
Uzbekistan	668	656	17.2	59.0	23.8	1.4	0.5	407.7	393.7	392.2	387.5	399.8
International Avg. (44)	23553	20949	8.0	47.8	44.2	10.2	0.6	502.6	481.7	458.3	467.7	475.5
Abu Dhabi, UAE	597	521	19.8	52.1	28.1	11.2	0.2	496.2	448.2	396.1	447.4	412.8
Dubai, UAE	432	365	26.8	62.8	10.4	11.5	0.1	584.2	537.3	518.8	540.5	621.6
Sharjah, UAE	307	270	32.1	58.4	9.5	14.0	0.0	522.8	481.9	452.0	538.1	.

Question: Safe and Orderly School - Teachers' Reports
Location: Scale (BTBGS05)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	543	0.6	33.7	9.7	4.7	5.9	7.1	8.0	9.4	11.7	13.7	13.7	13.7
Austria	889	789	3.2	8.4	10.0	4.7	7.6	8.0	8.9	9.9	11.1	12.5	12.5	13.7
Azerbaijan	1140	944	3.6	12.3	11.3	4.7	8.0	8.9	9.9	11.7	13.7	13.7	13.7	13.7
Bahrain	223	219	2.1	0.0	11.2	4.7	7.1	8.0	8.9	11.1	13.7	13.7	13.7	13.7
Brazil	916	880	0.9	4.1	9.8	4.7	5.9	6.6	8.5	9.9	11.7	12.5	13.7	13.7
Chile	168	146	1.5	11.0	9.5	4.7	6.6	7.1	8.0	8.9	11.1	12.5	13.7	13.7
Chinese Taipei	239	235	1.0	0.0	9.9	4.7	7.1	7.6	8.9	9.9	11.1	12.5	13.7	13.7
Cote d'Ivoire	372	187	0.0	50.5	9.6	5.9	6.6	7.1	8.0	9.4	11.1	11.7	12.5	13.7
Cyprus	775	687	0.2	10.7	9.9	4.7	6.6	7.6	8.5	9.9	11.1	13.7	13.7	13.7
Czech Republic	1348	1268	0.3	5.6	10.3	5.9	7.6	8.5	8.9	10.5	11.1	12.5	13.7	13.7
England	262	126	0.9	38.1	10.1	4.7	6.6	7.1	8.9	9.9	11.7	13.7	13.7	13.7
Finland	1239	1200	0.4	2.4	8.9	4.7	6.6	7.1	8.0	8.9	9.9	10.5	11.1	13.7
France	379	328	0.4	11.9	9.3	4.7	5.9	7.1	8.0	9.4	10.5	11.7	13.7	13.7
Georgia	936	924	1.4	0.1	10.8	6.6	7.6	8.5	9.4	10.5	12.5	13.7	13.7	13.7
Hong Kong SAR	185	117	0.0	34.9	10.8	5.9	8.5	8.9	9.4	10.5	12.5	13.7	13.7	13.7
Hungary	1086	920	1.2	13.5	10.3	4.7	7.1	8.0	8.9	10.5	11.7	13.7	13.7	13.7
Iran, Islamic Rep. of	224	222	0.9	0.0	10.9	4.7	6.6	7.6	9.4	11.1	13.7	13.7	13.7	13.7
Ireland	440	397	2.3	8.4	11.0	4.7	7.6	8.0	9.4	11.1	12.5	13.7	13.7	13.7
Israel	265	243	0.6	6.8	10.1	4.7	6.6	7.1	8.5	9.9	11.7	13.7	13.7	13.7
Italy	236	211	7.0	2.9	9.8	5.9	7.6	7.6	8.5	9.4	11.1	12.5	13.7	13.7
Japan	147	144	0.0	1.7	8.8	4.7	6.6	7.1	8.0	8.9	9.4	10.5	11.7	13.7
Jordan	225	221	1.3	0.0	10.4	4.7	7.1	7.6	8.9	10.5	11.7	13.7	13.7	13.7
Kazakhstan	1209	1174	2.2	0.6	11.5	4.7	8.9	8.9	9.8	11.7	13.7	13.7	13.7	13.7
Korea, Rep. of	243	235	1.2	2.8	10.0	4.7	6.6	7.6	8.5	9.4	11.7	13.7	13.7	13.7
Kuwait	157	154	1.2	1.1	11.5	4.7	8.9	8.9	10.5	11.1	13.7	13.7	13.7	13.7
Lithuania	1096	960	0.1	10.5	10.3	4.7	7.1	8.0	8.9	10.5	11.1	13.7	13.7	13.7
Malaysia	313	313	0.0	0.0	10.6	5.9	8.0	8.5	8.9	9.9	11.7	13.7	13.7	13.7
Malta	466	393	0.0	12.0	9.7	4.7	6.6	6.6	8.0	9.4	11.1	12.5	13.7	13.7
Morocco	511	487	1.0	2.2	9.6	4.7	6.6	7.1	8.0	9.4	11.1	12.5	13.7	13.7
New Zealand	211	136	0.0	38.6	9.4	4.7	6.6	7.1	7.6	8.9	11.1	12.5	13.7	13.7
Norway (9)	310	239	0.0	21.3	9.6	4.7	6.6	7.1	8.0	9.4	11.1	12.5	12.5	13.7
Oman	284	280	0.8	0.5	11.3	5.9	8.5	8.9	9.9	11.1	12.5	13.7	13.7	13.7
Palestinian Nat'l Auth.	199	187	2.4	2.9	10.6	4.7	7.1	7.6	8.9	10.5	12.5	13.7	13.7	13.7
Portugal	521	493	0.3	4.9	10.1	4.7	7.1	7.6	8.9	9.9	11.1	13.7	13.7	13.7
Qatar	242	234	0.3	1.8	11.9	5.9	7.6	8.5	10.5	12.5	13.7	13.7	13.7	13.7
Romania	429	320	0.9	23.1	11.8	7.1	8.5	8.9	10.5	12.5	13.7	13.7	13.7	13.7
Saudi Arabia	214	202	1.1	4.7	11.8	5.9	8.0	8.9	10.5	12.5	13.7	13.7	13.7	13.7
Singapore	345	344	0.2	0.0	11.0	4.7	7.6	8.0	9.4	11.1	13.7	13.7	13.7	13.7
South Africa (9)	288	218	0.7	29.3	9.3	4.7	5.9	6.6	8.0	9.3	11.1	12.1	12.5	13.7
Sweden	814	665	3.2	13.9	9.3	4.7	7.1	7.6	8.5	9.4	10.5	11.1	11.7	13.7
Turkiye	189	189	0.0	0.0	10.5	4.7	6.6	7.1	8.9	10.5	12.5	13.7	13.7	13.7
United Arab Emirates	1614	1407	0.5	11.5	11.8	4.7	8.0	8.9	9.9	12.5	13.7	13.7	13.7	13.7
United States	672	581	0.5	8.9	9.1	4.7	5.9	6.6	7.6	8.9	10.5	12.5	13.7	13.7
Uzbekistan	668	645	2.1	1.4	12.2	4.7	8.5	9.4	11.1	12.5	13.7	13.7	13.7	13.7
International Avg. (44)	23553	20807	1.1	10.2	10.4	5.0	7.2	7.8	8.9	10.3	11.9	13.1	13.4	13.7
Abu Dhabi, UAE	597	519	0.5	11.2	11.3	4.7	7.6	8.0	9.4	11.1	13.7	13.7	13.7	13.7
Dubai, UAE	432	364	0.2	11.5	11.8	5.9	8.0	8.9	10.5	12.5	13.7	13.7	13.7	13.7
Sharjah, UAE	307	268	1.2	14.0	12.2	5.9	8.5	8.9	11.1	13.7	13.7	13.7	13.7	13.7

Question: Safe and Orderly School - Teachers' Reports
Location: Index (BTGDS05)

Country	Sample	Valid N	1.Very safe and orderl y %	2.Some what safe and orderl y %	3.Less than safe and orderl y %	Not admini stered %	Omitte d %	1.Very safe and orderl y Mean	2.Some what safe and orderl y Mean	3.Less than safe and orderl y Mean	Not admini stered Mean	Omitte d Mean
Australia	864	543	34.6	49.5	15.9	33.7	0.6	545.4	519.5	501.0	509.7	519.7
Austria	889	789	28.9	67.5	3.7	8.4	3.2	526.1	508.8	479.4	501.1	511.9
Azerbaijan	1140	944	63.7	33.3	3.0	12.3	3.6	410.4	414.2	400.1	415.3	397.5
Bahrain	223	219	55.9	37.7	6.4	0.0	2.1	466.8	436.5	417.2	.	432.2
Brazil	916	880	37.5	47.7	14.8	4.1	0.9	437.6	410.2	402.0	442.1	394.2
Chile	168	146	25.7	63.4	10.9	11.0	1.5	463.8	457.2	427.0	447.5	488.3
Chinese Taipei	239	235	35.5	56.6	8.0	0.0	1.0	579.3	567.6	567.9	.	575.5
Cote d'Ivoire	372	187	32.8	53.5	13.7	50.5	0.0	205.6	173.8	154.6	184.4	.
Cyprus	775	687	38.0	52.1	9.8	10.7	0.2	475.2	456.6	456.5	470.3	396.5
Czech Republic	1348	1268	41.2	56.6	2.2	5.6	0.3	534.5	521.2	522.5	531.0	601.6
England	262	126	41.5	45.4	13.1	38.1	0.9	532.8	533.0	513.5	530.5	636.1
Finland	1239	1200	9.6	75.0	15.4	2.4	0.4	534.3	532.0	520.5	538.2	536.5
France	379	328	20.8	64.2	15.0	11.9	0.4	504.4	486.5	471.6	472.4	497.5
Georgia	936	924	49.3	47.6	3.1	0.1	1.4	449.4	447.1	437.8	497.7	430.5
Hong Kong SAR	185	117	46.9	50.2	2.9	34.9	0.0	552.6	514.7	498.2	519.7	.
Hungary	1086	920	40.6	54.1	5.3	13.5	1.2	525.5	520.2	519.6	519.1	498.6
Iran, Islamic Rep. of	224	222	56.6	34.8	8.6	0.0	0.9	425.7	411.1	410.7	.	380.3
Ireland	440	397	54.7	41.5	3.8	8.4	2.3	531.5	527.0	507.8	515.8	526.1
Israel	265	243	35.5	52.4	12.1	6.8	0.6	473.8	488.9	469.6	472.1	490.0
Italy	236	211	31.3	64.5	4.2	2.9	7.0	513.3	493.2	496.8	491.0	517.8
Japan	147	144	7.4	81.9	10.7	1.7	0.0	564.3	558.0	543.8	559.5	.
Jordan	225	221	40.8	53.0	6.2	0.0	1.3	418.2	407.4	431.8	.	369.0
Kazakhstan	1209	1174	60.5	39.1	0.4	0.6	2.2	450.5	430.1	438.4	431.4	455.0
Korea, Rep. of	243	235	33.0	58.5	8.6	2.8	1.2	545.3	546.9	539.7	535.1	541.8
Kuwait	157	154	66.9	31.5	1.6	1.1	1.2	430.2	402.5	462.0	372.6	279.1
Lithuania	1096	960	40.6	54.4	5.1	10.5	0.1	520.6	518.1	517.0	521.5	509.6
Malaysia	313	313	41.7	57.0	1.3	0.0	0.0	435.5	421.7	342.7	.	.
Malta	466	393	31.3	53.7	14.9	12.0	0.0	518.4	502.6	465.7	494.4	.
Morocco	511	487	29.2	57.1	13.7	2.2	1.0	334.9	324.4	319.3	346.5	301.4
New Zealand	211	136	27.1	53.3	19.6	38.6	0.0	515.5	494.3	480.8	508.7	.
Norway (9)	310	239	26.5	63.0	10.5	21.3	0.0	506.3	488.3	469.1	478.6	.
Oman	284	280	61.3	37.5	1.2	0.5	0.8	463.0	443.5	415.7	515.7	493.1
Palestinian Nat'l Auth.	199	187	46.9	45.6	7.5	2.9	2.4	405.9	383.1	366.0	374.9	428.0
Portugal	521	493	35.7	57.3	6.9	4.9	0.3	513.7	504.5	475.5	498.7	548.4
Qatar	242	234	73.2	23.2	3.6	1.8	0.3	482.3	480.2	465.7	485.4	434.6
Romania	429	320	70.6	28.4	0.9	23.1	0.9	472.7	465.5	457.4	450.7	494.0
Saudi Arabia	214	202	72.7	25.3	2.0	4.7	1.1	428.6	397.1	378.1	414.6	395.6
Singapore	345	344	52.3	43.8	4.0	0.0	0.2	625.1	589.7	541.2	.	527.4
South Africa (9)	288	218	26.4	57.6	16.0	29.3	0.7	399.7	355.8	344.4	355.4	327.5
Sweden	814	665	14.0	78.7	7.3	13.9	3.2	539.6	522.4	497.4	510.5	527.1
Turkiye	189	189	44.3	45.5	10.2	0.0	0.0	541.4	528.8	481.2	.	.
United Arab Emirates	1614	1407	68.6	28.5	2.9	11.5	0.5	496.8	459.9	430.3	501.0	489.3
United States	672	581	23.8	51.4	24.7	8.9	0.5	521.5	518.2	503.1	505.5	445.4
Uzbekistan	668	645	78.2	20.9	0.9	1.4	2.1	396.3	395.6	375.1	387.5	387.8
International Avg. (44)	23553	20807	42.1	49.9	8.0	10.2	1.1	482.1	467.2	452.6	467.7	466.3
Abu Dhabi, UAE	597	519	57.3	38.8	3.9	11.2	0.5	466.9	413.9	382.1	447.4	434.5
Dubai, UAE	432	364	69.7	26.8	3.5	11.5	0.2	555.6	534.5	495.4	540.5	641.8
Sharjah, UAE	307	268	79.6	18.6	1.8	14.0	1.2	494.1	492.0	404.1	538.1	496.2

Question: Teachers' Job Satisfaction
Location: Scale (BTBGTJS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	537	1.3	33.8	9.1	5.1	5.1	6.6	7.5	8.6	10.6	12.2	12.2	12.2
Austria	889	791	3.0	8.2	10.0	5.1	7.1	7.5	8.6	10.2	11.2	12.2	12.2	12.2
Azerbaijan	1140	945	3.2	12.4	10.6	5.1	8.0	8.6	9.7	10.6	12.2	12.2	12.2	12.2
Bahrain	223	222	0.4	0.0	11.1	5.1	7.5	8.6	10.2	12.2	12.2	12.2	12.2	12.2
Brazil	916	879	0.4	4.1	9.3	5.1	6.1	6.6	8.0	9.2	11.2	12.2	12.2	12.2
Chile	168	147	0.7	11.0	10.7	6.6	7.5	8.0	9.2	11.2	12.2	12.2	12.2	12.2
Chinese Taipei	239	238	0.3	0.0	9.3	5.1	5.1	6.1	7.5	9.2	11.2	12.2	12.2	12.2
Cote d'Ivoire	372	187	0.0	50.5	10.9	7.1	8.6	9.2	10.2	11.2	12.2	12.2	12.2	12.2
Cyprus	775	689	0.1	10.6	10.4	5.1	6.6	7.5	9.2	10.6	12.2	12.2	12.2	12.2
Czech Republic	1348	1266	0.4	5.7	9.1	5.1	6.1	6.6	7.5	9.2	10.6	12.2	12.2	12.2
England	262	126	0.9	38.1	9.3	5.1	6.1	6.1	7.5	9.2	11.2	12.2	12.2	12.2
Finland	1239	1200	0.3	2.4	8.9	5.1	6.1	6.6	7.5	8.6	10.2	12.2	12.2	12.2
France	379	328	0.4	11.9	8.8	5.1	5.1	6.1	7.5	8.6	10.2	12.2	12.2	12.2
Georgia	936	918	1.8	0.1	10.2	5.1	7.5	8.0	9.2	10.2	12.2	12.2	12.2	12.2
Hong Kong SAR	185	116	0.9	34.9	9.8	5.1	6.1	7.1	8.6	10.2	12.2	12.2	12.2	12.2
Hungary	1086	919	1.4	13.5	9.2	5.1	6.1	6.6	8.0	9.2	10.6	12.2	12.2	12.2
Iran, Islamic Rep. of	224	221	1.2	0.0	10.5	5.1	6.1	7.1	9.7	11.2	12.2	12.2	12.2	12.2
Ireland	440	401	1.1	8.4	9.9	5.1	6.6	7.1	8.6	10.2	11.2	12.2	12.2	12.2
Israel	265	244	0.6	6.8	10.0	5.1	6.1	7.1	8.6	10.2	12.2	12.2	12.2	12.2
Italy	236	212	6.7	2.9	10.0	5.1	6.6	7.5	8.6	10.2	11.2	12.2	12.2	12.2
Japan	147	144	0.0	1.7	8.8	5.1	5.1	6.1	7.5	8.6	10.2	12.2	12.2	12.2
Jordan	225	221	2.0	0.0	10.4	5.1	7.1	7.5	9.2	11.2	12.2	12.2	12.2	12.2
Kazakhstan	1209	1172	2.2	0.7	10.3	5.1	8.0	8.0	8.7	10.6	12.2	12.2	12.2	12.2
Korea, Rep. of	243	235	0.7	2.8	8.9	5.1	5.1	6.1	7.5	8.6	10.6	12.2	12.2	12.2
Kuwait	157	155	0.0	1.1	11.4	6.6	8.6	9.7	10.6	12.2	12.2	12.2	12.2	12.2
Lithuania	1096	956	0.2	10.7	9.0	5.1	5.1	6.6	7.5	8.6	10.6	12.2	12.2	12.2
Malaysia	313	312	0.3	0.0	10.5	5.1	7.5	8.0	8.6	11.2	12.2	12.2	12.2	12.2
Malta	466	393	0.0	12.0	9.2	5.1	5.1	6.1	8.0	8.6	11.2	12.2	12.2	12.2
Morocco	511	484	1.4	2.2	10.1	5.1	6.6	7.1	8.6	10.6	12.2	12.2	12.2	12.2
New Zealand	211	136	0.0	38.6	9.0	5.1	6.1	6.6	7.5	8.6	10.6	12.2	12.2	12.2
Norway (9)	310	238	0.3	21.3	9.3	5.1	6.1	7.1	8.6	9.2	10.6	12.2	12.2	12.2
Oman	284	279	0.7	0.5	9.6	5.1	7.1	8.0	8.6	9.2	10.6	12.2	12.2	12.2
Palestinian Nat'l Auth.	199	189	1.6	2.9	10.3	5.1	6.6	8.0	8.6	10.6	12.2	12.2	12.2	12.2
Portugal	521	490	0.9	4.9	9.1	5.1	5.1	6.1	7.5	9.2	10.6	12.2	12.2	12.2
Qatar	242	233	0.6	1.8	10.6	7.1	7.5	8.0	8.6	11.2	12.2	12.2	12.2	12.2
Romania	429	320	1.1	23.1	10.4	5.1	7.5	8.0	9.2	10.6	12.2	12.2	12.2	12.2
Saudi Arabia	214	200	2.1	4.7	11.5	7.1	9.2	9.7	10.6	12.2	12.2	12.2	12.2	12.2
Singapore	345	345	0.0	0.0	9.5	5.1	5.1	6.6	8.0	9.7	11.2	12.2	12.2	12.2
South Africa (9)	288	219	0.0	29.3	10.3	5.1	7.1	8.0	9.2	10.6	11.2	12.2	12.2	12.2
Sweden	814	661	3.7	13.9	9.7	5.1	7.1	7.1	8.6	9.7	11.2	12.2	12.2	12.2
Turkiye	189	189	0.0	0.0	10.3	5.1	6.6	8.0	8.6	10.6	12.2	12.2	12.2	12.2
United Arab Emirates	1614	1403	0.8	11.6	11.1	5.1	7.5	8.6	10.6	12.2	12.2	12.2	12.2	12.2
United States	672	582	0.4	8.9	9.2	5.1	6.1	6.6	7.5	9.2	11.2	12.2	12.2	12.2
Uzbekistan	668	642	2.7	1.4	10.7	5.1	8.0	8.6	9.7	10.6	12.2	12.2	12.2	12.2
International Avg. (44)	23553	20784	1.1	10.2	9.9	5.3	6.6	7.4	8.6	10.1	11.5	12.2	12.2	12.2
Abu Dhabi, UAE	597	518	0.7	11.4	10.9	5.1	6.6	8.0	10.2	12.2	12.2	12.2	12.2	12.2
Dubai, UAE	432	364	0.3	11.5	11.0	5.1	7.5	8.6	10.2	12.2	12.2	12.2	12.2	12.2
Sharjah, UAE	307	268	1.1	14.0	11.3	5.1	8.0	8.6	10.6	12.2	12.2	12.2	12.2	12.2

Question: Teachers' Job Satisfaction
Location: Index (BTDGTJS)

Country	Sample	Valid N	1.Very satisf ied %	2.Some what satisf ied %	3.Less than satisf ied %	Not admini stered %	Omitte d %	1.Very satisf ied Mean	2.Some what satisf ied Mean	3.Less than satisf ied Mean	Not admini stered Mean	Omitte d Mean
Australia	864	537	35.7	46.3	18.0	33.8	1.3	529.1	526.3	518.6	509.8	499.7
Austria	889	791	52.4	40.4	7.2	8.2	3.0	514.7	513.4	495.9	500.5	510.7
Azerbaijan	1140	945	70.2	27.5	2.3	12.4	3.2	411.6	407.6	410.1	415.4	419.6
Bahrain	223	222	77.2	17.8	4.9	0.0	0.4	454.5	434.2	473.1	.	465.9
Brazil	916	879	40.9	40.2	18.8	4.1	0.4	424.2	416.5	414.7	442.1	363.2
Chile	168	147	66.7	30.1	3.2	11.0	0.7	453.9	459.4	452.0	447.5	542.0
Chinese Taipei	239	238	39.8	39.3	20.9	0.0	0.3	575.5	566.6	573.4	.	661.7
Cote d'Ivoire	372	187	80.5	19.0	0.6	50.5	0.0	183.7	171.8	219.0	184.4	.
Cyprus	775	689	65.6	26.9	7.5	10.6	0.1	467.2	454.7	464.4	470.4	396.4
Czech Republic	1348	1266	32.8	48.9	18.4	5.7	0.4	530.0	525.8	523.0	531.0	589.4
England	262	126	41.4	39.3	19.3	38.1	0.9	534.3	532.9	516.8	530.5	636.1
Finland	1239	1200	28.3	48.7	23.0	2.4	0.3	530.3	531.4	528.8	538.2	518.6
France	379	328	29.7	46.3	24.0	11.9	0.4	497.8	481.5	488.6	472.4	494.9
Georgia	936	918	55.9	40.4	3.7	0.1	1.8	448.8	446.0	452.1	497.7	444.9
Hong Kong SAR	185	116	51.5	34.7	13.9	34.9	0.9	542.3	511.3	541.7	519.7	569.2
Hungary	1086	919	34.4	50.1	15.6	13.5	1.4	523.8	520.5	524.5	519.1	507.9
Iran, Islamic Rep. of	224	221	69.9	19.1	11.0	0.0	1.2	421.5	406.3	430.7	.	370.0
Ireland	440	401	53.1	35.4	11.5	8.4	1.1	534.9	523.1	517.0	515.8	527.6
Israel	265	244	55.5	32.4	12.2	6.8	0.6	474.4	487.5	497.9	472.1	442.6
Italy	236	212	54.5	37.1	8.4	2.9	6.7	504.0	492.9	500.5	491.0	519.2
Japan	147	144	26.9	53.0	20.0	1.7	0.0	557.9	555.4	559.7	559.5	.
Jordan	225	221	60.9	31.2	7.9	0.0	2.0	418.6	403.9	403.6	.	408.0
Kazakhstan	1209	1172	60.8	36.6	2.6	0.7	2.2	442.5	441.9	463.9	426.9	441.6
Korea, Rep. of	243	235	31.9	43.7	24.4	2.8	0.7	542.5	549.3	543.2	535.1	550.2
Kuwait	157	155	87.8	9.6	2.6	1.1	0.0	422.1	400.9	429.1	372.6	.
Lithuania	1096	956	31.0	47.4	21.6	10.7	0.2	526.4	516.8	513.4	521.3	514.1
Malaysia	313	312	63.0	32.5	4.4	0.0	0.3	427.6	423.5	437.3	.	339.3
Malta	466	393	40.3	39.8	19.9	12.0	0.0	515.8	494.4	489.6	494.4	.
Morocco	511	484	57.3	31.0	11.8	2.2	1.4	328.3	327.7	317.3	346.5	303.8
New Zealand	211	136	33.2	47.9	18.9	38.6	0.0	512.3	489.4	491.6	508.7	.
Norway (9)	310	238	35.9	51.5	12.6	21.3	0.3	497.7	488.8	481.9	478.6	465.5
Oman	284	279	37.0	57.8	5.2	0.5	0.7	465.7	449.6	436.4	515.7	527.2
Palestinian Nat'l Auth.	199	189	60.9	33.4	5.6	2.9	1.6	399.5	386.1	374.0	374.9	380.8
Portugal	521	490	38.1	38.2	23.7	4.9	0.9	512.1	500.4	504.0	498.7	526.0
Qatar	242	233	66.0	32.2	1.8	1.8	0.6	486.1	471.2	480.7	485.4	460.1
Romania	429	320	60.1	36.1	3.8	23.1	1.1	465.7	478.7	478.0	450.7	468.0
Saudi Arabia	214	200	89.8	10.0	0.3	4.7	2.1	421.4	399.8	508.2	414.6	415.3
Singapore	345	345	45.8	35.3	18.9	0.0	0.0	608.8	609.9	592.8	.	.
South Africa (9)	288	219	66.5	27.0	6.5	29.3	0.0	366.2	368.6	340.8	355.4	.
Sweden	814	661	47.9	42.0	10.1	13.9	3.7	522.7	521.9	530.9	510.5	521.2
Turkiye	189	189	62.9	30.4	6.7	0.0	0.0	537.9	516.0	512.3	.	.
United Arab Emirates	1614	1403	80.2	15.9	3.9	11.6	0.8	485.6	488.0	449.8	500.8	467.5
United States	672	582	38.0	40.4	21.5	8.9	0.4	516.1	511.8	520.2	505.5	445.3
Uzbekistan	668	642	73.4	23.7	3.0	1.4	2.7	396.3	397.0	387.3	387.5	381.0
International Avg. (44)	23553	20784	53.0	35.6	11.4	10.2	1.1	475.7	468.2	472.5	467.6	474.8
Abu Dhabi, UAE	597	518	76.4	17.5	6.1	11.4	0.7	445.2	452.8	388.1	447.7	424.3
Dubai, UAE	432	364	80.8	14.9	4.3	11.5	0.3	548.5	543.5	552.2	540.5	571.4
Sharjah, UAE	307	268	80.6	18.5	0.9	14.0	1.1	491.4	495.3	486.4	538.1	499.4

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: Scale (BTBGLSN)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Australia	864	500	1.8	35.0	9.7	3.6	6.5	7.0	8.3	9.7	10.7	12.4	13.9	15.5
Austria	889	781	1.6	10.7	10.5	5.1	7.5	8.3	9.2	10.7	11.8	12.4	13.1	15.5
Azerbaijan	1140	900	4.7	14.1	10.6	3.6	7.5	8.2	9.2	10.7	11.8	13.1	15.5	15.5
Bahrain	223	220	1.1	0.0	10.6	6.5	7.5	8.3	9.2	10.2	11.8	13.1	15.5	15.5
Brazil	916	876	0.7	4.2	9.4	3.6	5.9	7.0	8.3	9.2	10.7	11.8	13.1	15.5
Chile	168	147	0.7	11.0	8.9	3.6	5.9	7.0	7.9	8.8	9.7	11.2	11.8	15.5
Chinese Taipei	239	236	0.9	0.0	9.5	3.6	5.9	7.5	7.9	9.2	11.2	12.4	13.1	15.5
Cote d'Ivoire	372	180	0.6	51.6	9.1	3.6	6.5	6.5	7.9	9.2	10.2	11.2	11.8	15.5
Cyprus	775	662	0.8	13.2	9.8	3.6	7.0	7.5	8.8	9.7	10.7	12.4	13.1	15.5
Czech Republic	1348	1250	0.8	6.4	11.1	6.5	9.2	9.2	10.2	10.7	11.8	13.1	13.9	15.5
England	262	116	2.2	39.8	9.7	5.9	6.5	7.5	8.8	9.7	10.7	12.4	12.4	15.5
Finland	1239	1183	0.7	2.9	10.4	3.6	7.9	8.3	9.2	10.2	11.2	12.4	13.1	15.5
France	379	327	0.6	11.9	9.8	5.1	7.0	7.9	8.8	9.7	10.7	11.8	13.0	15.5
Georgia	936	916	1.7	0.1	9.6	3.6	6.5	7.5	8.3	9.2	10.7	11.8	13.1	15.5
Hong Kong SAR	185	116	0.9	34.9	10.4	6.5	7.9	8.3	9.2	10.7	11.2	12.4	13.9	15.5
Hungary	1086	888	1.0	15.8	10.5	3.6	7.9	8.3	9.2	10.7	11.8	13.1	13.9	15.5
Iran, Islamic Rep. of	224	222	1.0	0.0	9.5	3.6	6.5	7.0	8.3	9.2	10.7	11.8	13.1	15.5
Ireland	440	383	1.2	11.5	10.1	5.9	7.5	8.3	9.2	10.2	11.2	11.8	12.4	15.5
Israel	265	244	0.3	6.8	9.0	3.6	5.9	6.5	7.5	8.8	10.2	11.8	13.1	15.5
Italy	236	217	4.9	2.9	9.9	5.9	7.0	7.9	8.3	10.2	11.2	12.4	13.1	15.5
Japan	147	143	0.4	1.7	12.2	7.0	9.2	9.7	10.7	11.8	13.9	15.5	15.5	15.5
Jordan	225	219	2.3	0.0	9.4	3.6	6.5	7.5	8.3	9.2	10.7	11.8	13.1	15.5
Kazakhstan	1209	1151	3.1	1.4	11.2	3.6	7.5	8.3	9.7	10.7	12.4	15.5	15.5	15.5
Korea, Rep. of	243	235	1.3	2.8	9.9	3.6	6.5	7.5	8.8	9.7	11.2	13.1	13.9	15.5
Kuwait	157	154	0.4	1.1	10.0	3.6	7.5	8.3	9.2	10.2	11.2	11.8	12.4	13.9
Lithuania	1096	930	0.6	12.4	9.1	3.6	5.9	6.5	7.9	9.2	10.2	11.2	12.4	15.5
Malaysia	313	313	0.0	0.0	10.2	3.6	7.0	7.9	8.8	10.2	11.8	13.1	13.9	15.5
Malta	466	366	1.2	17.0	10.1	3.6	6.5	7.5	8.8	10.2	11.2	13.1	13.9	15.5
Morocco	511	483	1.3	2.2	8.1	3.6	5.1	5.9	7.0	7.9	9.2	10.2	10.7	15.5
New Zealand	211	135	0.0	39.3	9.4	3.6	7.0	7.5	7.9	9.2	10.2	12.4	12.4	15.5
Norway (9)	310	232	0.3	23.2	9.8	3.6	7.0	7.9	8.8	9.7	10.7	12.4	13.1	15.5
Oman	284	278	1.0	0.9	9.5	3.6	5.9	7.0	8.3	9.2	10.7	11.8	13.1	15.5
Palestinian Nat'l Auth.	199	186	2.8	2.9	8.9	3.6	6.5	7.0	7.9	9.2	9.7	11.2	11.8	13.9
Portugal	521	488	1.1	5.1	9.4	3.6	5.9	7.0	8.3	9.7	10.7	11.8	12.4	15.5
Qatar	242	232	0.6	1.8	10.5	5.9	7.5	8.3	9.2	10.2	11.2	13.9	15.5	15.5
Romania	429	312	0.6	25.3	10.6	5.9	7.5	8.3	9.2	10.2	11.8	12.4	13.9	15.5
Saudi Arabia	214	199	2.1	5.0	8.8	3.6	5.1	5.9	7.5	8.8	9.7	11.8	13.1	15.5
Singapore	345	344	0.2	0.0	11.1	5.1	7.9	8.8	9.7	11.2	12.4	13.1	15.5	15.5
South Africa (9)	288	217	0.3	29.4	9.2	3.6	6.5	7.5	8.3	9.2	10.2	11.2	11.8	15.5
Sweden	814	691	0.5	14.3	10.1	5.9	7.5	8.3	9.2	10.2	11.2	12.4	12.4	15.5
Turkiye	189	189	0.0	0.0	9.4	3.6	5.1	5.9	7.9	9.7	10.7	12.4	13.9	15.5
United Arab Emirates	1614	1359	0.9	12.8	10.6	3.6	7.5	8.3	9.2	10.2	11.8	13.1	13.9	15.5
United States	672	552	1.7	10.5	9.2	3.6	6.5	7.0	7.9	9.2	10.2	11.8	12.4	15.5
Uzbekistan	668	636	3.3	1.4	11.1	3.6	7.0	7.9	9.2	11.2	13.1	15.5	15.5	15.5
International Avg. (44)	23553	20408	1.2	11.0	9.9	4.3	6.9	7.6	8.7	9.8	11.0	12.4	13.4	15.4
Abu Dhabi, UAE	597	492	1.0	13.5	10.3	5.1	7.5	7.9	9.2	10.2	11.2	13.1	13.9	15.5
Dubai, UAE	432	363	0.4	11.7	10.8	3.6	7.9	8.8	9.7	10.7	11.8	13.1	13.9	15.5
Sharjah, UAE	307	255	1.2	15.4	10.8	3.6	7.5	8.8	9.7	10.7	11.8	13.1	15.5	15.5

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: Index (BT DGLSN)

Country	Sample	Valid N	1.Very little %	2.Some %	3.A lot %	Not admini- stered %	Omitte d %	1.Very little Mean	2.Some Mean	3.A lot Mean	Not admini- stered Mean	Omitte d Mean
Australia	864	500	15.4	73.0	11.7	35.0	1.8	562.4	521.5	498.1	512.0	505.1
Austria	889	781	26.6	70.3	3.1	10.7	1.6	542.0	506.1	442.1	497.8	502.5
Azerbaijan	1140	900	30.5	65.2	4.3	14.1	4.7	408.0	412.0	404.4	414.9	416.7
Bahrain	223	220	31.7	67.1	1.2	0.0	1.1	471.6	442.7	377.7	.	525.2
Brazil	916	876	13.5	72.8	13.7	4.2	0.7	465.5	410.0	422.6	441.0	395.8
Chile	168	147	5.4	79.8	14.8	11.0	0.7	526.6	453.1	442.0	447.5	542.0
Chinese Taipei	239	236	18.0	72.6	9.3	0.0	0.9	606.0	565.9	552.8	.	561.7
Cote d'Ivoire	372	180	8.0	76.5	15.5	51.6	0.6	262.8	163.7	239.1	183.4	131.1
Cyprus	775	662	16.4	75.4	8.2	13.2	0.8	482.2	461.4	443.2	471.4	450.7
Czech Republic	1348	1250	32.9	66.7	0.4	6.4	0.8	542.6	519.1	500.8	528.7	558.6
England	262	116	15.5	77.8	6.7	39.8	2.2	573.5	526.4	485.4	529.5	574.3
Finland	1239	1183	22.6	74.1	3.3	2.9	0.7	554.9	525.1	491.8	523.3	547.8
France	379	327	13.0	81.8	5.2	11.9	0.6	519.4	484.7	461.6	472.4	501.4
Georgia	936	916	13.9	77.1	9.0	0.1	1.7	456.2	446.5	447.1	497.7	435.7
Hong Kong SAR	185	116	22.4	76.3	1.3	34.9	0.9	559.9	526.7	462.2	519.7	443.5
Hungary	1086	888	27.0	70.0	3.0	15.8	1.0	538.3	518.8	469.6	518.9	487.3
Iran, Islamic Rep. of	224	222	14.6	74.6	10.9	0.0	1.0	428.2	418.2	403.9	.	514.4
Ireland	440	383	15.9	81.0	3.1	11.5	1.2	543.8	527.4	494.2	520.0	500.4
Israel	265	244	12.1	67.2	20.7	6.8	0.3	527.6	485.5	440.9	472.1	451.4
Italy	236	217	18.8	75.2	6.0	2.9	4.9	501.0	500.7	488.5	491.0	517.8
Japan	147	143	59.0	40.3	0.7	1.7	0.4	562.8	548.8	552.0	559.5	522.7
Jordan	225	219	11.3	80.1	8.6	0.0	2.3	412.6	412.4	407.8	.	443.8
Kazakhstan	1209	1151	40.3	56.1	3.7	1.4	3.1	450.0	437.4	443.3	422.9	452.4
Korea, Rep. of	243	235	20.9	69.5	9.7	2.8	1.3	544.6	548.0	533.4	535.1	529.6
Kuwait	157	154	14.9	82.1	3.0	1.1	0.4	482.9	410.6	367.6	372.6	458.2
Lithuania	1096	930	9.5	74.2	16.3	12.4	0.6	534.9	518.4	512.7	520.1	538.1
Malaysia	313	313	26.5	66.6	7.0	0.0	0.0	480.0	412.0	359.9	.	.
Malta	466	366	24.0	66.5	9.5	17.0	1.2	540.6	504.3	433.7	479.1	466.3
Morocco	511	483	2.3	71.3	26.3	2.2	1.3	357.8	326.1	327.2	346.5	281.5
New Zealand	211	135	15.3	76.5	8.2	39.3	0.0	548.3	491.6	458.0	508.4	.
Norway (9)	310	232	14.5	79.2	6.3	23.2	0.3	504.8	490.6	472.5	478.4	465.5
Oman	284	278	16.3	71.9	11.8	0.9	1.0	467.0	455.0	442.2	472.5	469.7
Palestinian Nat'l Auth.	199	186	5.0	80.4	14.5	2.9	2.8	416.3	394.5	377.0	374.9	406.3
Portugal	521	488	12.6	73.6	13.8	5.1	1.1	535.0	503.6	489.0	499.9	533.6
Qatar	242	232	23.9	72.0	4.1	1.8	0.6	511.1	473.6	434.1	485.4	493.7
Romania	429	312	29.2	67.9	2.9	25.3	0.6	479.4	467.0	472.6	451.5	509.6
Saudi Arabia	214	199	11.1	64.6	24.3	5.0	2.1	455.4	413.9	417.9	413.4	415.3
Singapore	345	344	39.4	57.7	2.8	0.0	0.2	643.7	588.1	450.2	.	606.7
South Africa (9)	288	217	7.1	83.0	9.8	29.4	0.3	386.4	364.9	353.7	355.8	284.6
Sweden	814	691	17.7	79.9	2.4	14.3	0.5	549.0	518.4	477.9	511.8	540.2
Turkiye	189	189	16.5	68.4	15.0	0.0	0.0	583.0	525.2	490.4	.	.
United Arab Emirates	1614	1359	28.5	67.2	4.3	12.8	0.9	517.4	472.4	452.8	498.5	495.9
United States	672	552	10.2	78.7	11.1	10.5	1.7	531.8	515.7	492.4	506.1	529.0
Uzbekistan	668	636	42.9	50.9	6.2	1.4	3.3	402.3	390.8	389.3	387.5	400.6
International Avg. (44)	23553	20408	19.8	71.7	8.5	11.0	1.2	499.3	468.1	444.9	465.4	473.3
Abu Dhabi, UAE	597	492	23.8	71.7	4.5	13.5	1.0	497.7	426.2	385.7	454.5	468.4
Dubai, UAE	432	363	31.5	64.3	4.3	11.7	0.4	571.3	538.0	536.4	537.7	543.3
Sharjah, UAE	307	255	31.1	64.9	4.0	15.4	1.2	516.2	481.8	470.4	533.2	509.1