

Question: By the end of this school year, how many years will you have been teaching altogether?
Location: TQG-01 (ATBG01)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	98	1.2	17.7	25.3	2.0	6.0	10.0	17.0	26.0	33.0	40.0	42.0	49.0
Armenia	211	190	6.0	1.9	22.8	1.0	2.0	5.0	10.0	22.0	34.0	42.0	44.0	52.0
Australia	347	259	0.4	26.9	12.6	1.0	1.0	3.0	5.0	10.0	18.0	25.0	32.0	43.0
Azerbaijan	271	234	1.1	12.8	22.8	1.0	4.0	6.0	15.0	23.0	32.0	40.0	41.0	47.0
Bahrain	212	211	0.3	0.0	9.7	1.0	1.0	1.0	3.0	8.0	14.0	22.0	24.0	39.0
Belgium (Flemish)	278	217	0.0	19.7	16.8	1.0	3.0	4.0	8.0	15.0	26.0	33.0	36.0	40.0
Belgium (French)	344	295	0.1	13.9	17.0	1.0	2.0	3.0	8.0	17.0	24.0	31.0	35.0	40.0
Bosnia & Herzegovina	236	184	0.5	20.2	22.1	1.0	6.0	9.0	19.0	24.0	28.0	30.0	32.0	42.0
Brazil	1047	1008	1.6	1.5	16.1	0.0	1.0	3.0	8.0	15.0	24.0	30.0	33.0	50.0
Bulgaria	208	194	6.1	1.0	25.4	1.0	5.0	8.0	15.0	30.0	35.0	39.0	40.0	43.0
Canada	917	827	0.9	8.8	14.4	1.0	2.0	4.0	8.0	14.0	21.0	26.0	30.0	43.0
Chile	178	163	0.7	7.1	14.4	1.0	2.0	4.0	8.0	13.0	18.0	28.0	33.0	43.0
Chinese Taipei	238	222	6.4	0.0	19.2	1.0	2.0	5.0	10.0	21.0	26.0	31.0	32.0	38.0
Cyprus	267	257	3.3	0.8	17.3	1.0	2.0	4.0	10.0	18.0	24.0	29.0	30.0	36.0
Czech Republic	344	340	0.0	1.1	20.5	0.0	2.0	3.0	8.0	20.0	30.0	36.0	39.0	57.0
Denmark	278	222	0.0	19.1	12.9	0.0	1.0	2.0	5.0	12.0	19.0	24.0	30.0	42.0
England	178	134	0.4	19.9	12.5	1.0	2.0	2.0	6.0	10.0	17.0	27.0	30.0	38.0
Finland	369	358	0.4	2.6	15.3	0.0	1.0	3.0	5.0	15.0	23.0	30.0	33.0	43.0
France	306	254	0.7	15.9	15.8	1.0	1.0	2.0	7.0	17.0	22.0	29.0	33.0	39.0
Georgia	218	218	0.0	0.0	23.6	1.0	4.0	8.0	15.0	24.0	30.0	40.0	40.0	52.0
Germany	243	209	0.4	13.5	15.8	1.0	2.0	4.0	6.0	14.0	25.0	30.0	38.0	43.0
Hong Kong SAR	182	124	0.0	31.0	16.4	1.0	1.0	3.0	6.0	15.0	25.0	30.0	35.0	55.0
Hungary	263	218	0.0	15.4	25.8	1.0	5.0	9.0	17.0	30.0	35.0	39.0	40.0	50.0
Iran, Islamic Rep. of	224	224	0.0	0.0	11.4	1.0	1.0	1.0	3.0	9.0	18.0	29.0	30.0	34.0
Ireland	239	233	2.8	0.4	12.5	1.0	1.0	2.0	5.0	11.0	18.0	25.0	30.0	38.0
Italy	266	263	0.5	0.7	22.4	1.0	5.0	7.0	13.0	23.0	31.0	37.0	40.0	56.0
Japan	142	139	0.6	1.6	17.4	1.0	2.0	3.0	6.0	15.0	30.0	37.0	40.0	42.0
Jordan	224	222	0.5	0.3	10.4	1.0	1.0	2.0	4.0	9.0	15.0	25.0	28.0	34.0
Kazakhstan	303	293	2.4	1.3	20.3	1.0	4.0	7.0	12.0	20.0	29.0	34.0	37.0	43.0
Korea, Rep. of	199	179	1.9	7.5	16.8	1.0	2.0	4.0	11.0	16.0	23.0	28.0	32.0	42.0
Kosovo	231	205	1.3	9.5	16.1	1.0	2.0	4.0	7.0	14.0	23.0	32.0	38.0	41.0
Kuwait	164	154	5.5	0.7	10.6	1.0	1.0	2.0	5.0	10.0	15.0	19.0	24.0	30.0
Latvia	213	207	0.0	3.5	22.8	1.0	2.0	4.0	7.0	24.0	33.0	41.0	45.0	59.0
Lithuania	250	248	0.4	0.5	28.8	1.0	3.0	6.0	24.0	31.0	38.0	42.0	43.0	52.0
Macao SAR	275	275	0.0	0.0	11.7	1.0	1.0	2.0	5.0	9.0	18.0	27.0	30.0	45.0
Montenegro	338	322	0.0	4.0	21.4	1.0	5.0	7.0	13.0	20.0	30.0	36.0	39.0	58.0
Morocco	303	283	1.7	5.7	14.4	1.0	2.0	3.0	5.0	12.0	23.0	31.0	33.0	41.0
Netherlands	188	122	0.0	32.9	14.2	1.0	2.0	2.0	5.0	12.0	20.0	32.0	40.0	45.0
New Zealand	396	213	1.3	44.0	14.7	1.0	2.0	3.0	6.0	12.0	22.0	28.0	33.0	43.0
North Macedonia	274	204	1.7	25.2	19.2	1.0	3.0	4.0	11.0	20.0	28.0	34.0	36.0	43.0
Norway (5)	314	232	0.4	22.4	12.8	1.0	1.0	2.0	5.0	11.0	19.0	25.0	27.0	40.0
Oman	287	273	3.9	2.1	11.1	0.0	1.0	2.0	5.0	11.0	17.0	20.0	21.0	40.0
Poland	267	266	0.0	0.7	24.7	2.0	7.0	8.0	17.0	25.0	34.0	39.0	40.0	41.0
Portugal	321	317	0.3	0.8	23.9	0.0	6.0	9.0	17.0	24.0	31.0	37.0	42.0	60.0
Qatar	283	278	0.2	2.3	10.9	1.0	2.0	3.0	6.0	11.0	14.0	20.0	22.0	36.0
Romania	188	152	0.0	20.0	25.0	2.0	8.0	10.0	18.0	24.0	32.0	40.0	43.0	50.0
Saudi Arabia	217	191	1.8	10.1	15.3	1.0	1.0	4.0	10.0	13.0	24.0	28.0	30.0	34.0
Serbia	213	212	0.4	0.0	24.7	1.0	8.0	10.0	17.0	27.0	32.0	37.0	38.0	41.0
Singapore	362	361	0.0	0.3	14.6	1.0	3.0	5.0	9.0	14.0	20.0	25.0	30.0	49.0
Slovak Republic	269	269	0.0	0.0	23.8	1.0	2.0	5.0	16.0	25.0	33.0	37.0	39.0	56.0
Slovenia	269	262	0.0	1.6	22.6	1.0	4.0	6.0	13.0	24.0	31.0	38.0	40.0	54.0
South Africa (5)	287	223	4.4	17.6	15.2	1.0	2.0	3.0	6.0	13.0	24.0	30.0	33.0	60.0
Spain	582	568	0.2	2.0	16.1	0.0	2.0	3.0	7.0	15.0	22.0	30.0	34.0	52.0
Sweden	250	216	0.3	12.8	14.2	1.0	1.0	2.0	5.0	12.0	23.0	27.0	30.0	39.0
Turkiye (5)	171	171	0.0	0.0	14.2	1.0	2.0	4.0	8.0	13.0	19.0	28.0	31.0	35.0
United Arab Emirates	1435	1296	0.1	8.5	10.9	0.0	2.0	3.0	5.0	10.0	15.0	21.0	25.0	42.0
United States	495	475	0.7	3.5	13.6	1.0	1.0	2.0	5.0	12.0	21.0	28.0	29.0	29.0
Uzbekistan	168	163	1.0	2.0	21.5	1.0	3.0	7.0	15.0	23.0	30.0	33.0	34.0	45.0
International Avg. (58)	17865	16147	1.1	8.5	17.5	0.9	2.6	4.4	9.4	17.0	24.8	31.2	34.3	44.4
Ontario, Canada	286	246	1.1	11.2	14.9	1.0	4.0	6.0	8.0	15.0	20.0	24.0	28.0	40.0
Quebec, Canada	215	193	1.2	7.1	15.2	1.0	2.0	3.0	5.0	13.0	24.0	30.0	33.0	37.0
Abu Dhabi, UAE	553	505	0.0	7.6	11.0	1.0	2.0	3.0	5.0	9.0	15.0	23.0	26.0	42.0
Dubai, UAE	359	318	0.0	8.7	10.5	1.0	2.0	3.0	5.0	10.0	14.0	20.0	23.0	30.0
Sharjah, UAE	284	249	0.6	10.9	11.2	1.0	2.0	3.0	7.0	10.0	14.0	21.0	24.0	34.0

Question: Which of these describes you?
Location: TQG-02 (ATBG02)

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
Albania	123	99	87.9	12.1	0.0	0.0	17.7	485.9	495.3	.	.	507.0
Armenia	211	203	99.4	0.6	0.0	0.5	1.9	457.3	459.9	.	434.2	461.0
Australia	347	260	80.2	19.8	0.0	0.0	26.9	550.1	555.2	.	.	545.2
Azerbaijan	271	232	93.3	6.7	0.0	2.0	12.8	424.4	399.1	.	380.6	420.6
Bahrain	212	212	79.0	21.0	0.0	0.0	0.0	481.9	449.1	.	.	.
Belgium (Flemish)	278	217	88.0	12.0	0.0	0.0	19.7	491.3	491.0	.	.	477.0
Belgium (French)	344	297	83.4	16.3	0.3	0.0	13.7	481.8	489.4	552.0	.	464.2
Bosnia & Herzegovina	236	185	94.4	5.6	0.0	0.0	20.2	451.1	444.4	.	.	438.8
Brazil	1047	1008	89.8	10.0	0.2	1.6	1.5	428.5	395.4	379.6	406.9	439.2
Bulgaria	208	206	95.9	4.1	0.0	0.0	1.0	532.2	471.8	.	.	515.0
Canada	917	832	85.8	13.0	1.1	0.0	8.8	520.0	531.5	533.9	532.2	515.3
Chile	178	163	88.5	11.5	0.0	0.3	7.1	481.9	464.9	.	449.0	471.0
Chinese Taipei	238	238	66.1	33.9	0.0	0.0	0.0	574.0	569.8	.	.	.
Cyprus	267	265	69.2	30.8	0.0	0.0	0.8	489.2	482.3	.	.	471.0
Czech Republic	344	340	93.3	6.7	0.0	0.0	1.1	527.3	505.2	.	.	525.8
Denmark	278	222	59.1	40.9	0.0	0.0	19.1	524.0	519.7	.	.	521.6
England	178	135	78.4	21.6	0.0	0.0	19.9	562.0	545.0	.	.	548.2
Finland	369	359	74.8	24.4	0.8	0.0	2.6	544.8	537.6	538.4	.	505.6
France	306	254	80.1	19.9	0.0	0.7	15.9	489.3	488.2	.	506.3	482.2
Georgia	218	215	98.8	1.2	0.0	1.2	0.0	465.0	469.8	.	455.5	.
Germany	243	209	85.2	14.8	0.0	0.4	13.5	516.3	508.0	.	522.1	517.8
Hong Kong SAR	182	124	70.3	29.7	0.0	0.0	31.0	543.3	538.4	.	.	552.9
Hungary	263	218	91.9	8.1	0.0	0.0	15.4	524.4	509.9	.	.	529.8
Iran, Islamic Rep. of	224	224	77.8	22.2	0.0	0.0	0.0	437.9	411.6	.	.	.
Ireland	239	238	79.7	20.3	0.0	0.0	0.4	531.8	532.1	.	.	537.9
Italy	266	261	92.1	7.6	0.3	1.2	0.7	512.0	496.3	446.9	509.5	504.4
Japan	142	139	39.9	60.1	0.0	0.7	1.6	557.3	552.9	.	545.8	568.6
Jordan	224	222	73.0	27.0	0.0	0.3	0.3	430.9	384.1	.	313.4	336.1
Kazakhstan	303	291	97.0	3.0	0.0	2.4	1.3	465.2	499.0	.	470.1	484.2
Korea, Rep. of	199	181	77.9	22.1	0.0	0.3	7.5	587.1	573.3	.	566.3	574.2
Kosovo	231	205	82.4	17.6	0.0	1.2	9.5	412.2	373.1	.	369.0	386.5
Kuwait	164	163	89.2	10.8	0.0	0.0	0.7	378.6	321.9	.	.	495.2
Latvia	213	207	97.7	2.3	0.0	0.0	3.5	525.7	543.2	.	.	508.8
Lithuania	250	249	99.0	1.0	0.0	0.0	0.5	537.2	490.8	.	.	572.4
Macao SAR	275	275	71.1	28.9	0.0	0.0	0.0	537.9	530.7	.	.	.
Montenegro	338	323	94.3	5.7	0.0	0.4	4.0	460.5	457.9	.	450.4	469.7
Morocco	303	289	65.8	34.2	0.0	0.0	5.3	397.6	380.1	.	.	365.7
Netherlands	188	122	73.6	26.4	0.0	0.0	32.9	517.7	514.0	.	.	517.3
New Zealand	396	217	79.6	19.9	0.5	0.2	44.0	526.1	519.3	508.6	582.6	506.8
North Macedonia	274	204	91.3	8.7	0.0	1.5	25.2	445.6	398.9	.	386.6	433.4
Norway (5)	314	233	67.6	32.4	0.0	0.0	22.4	531.5	534.4	.	.	523.6
Oman	287	279	98.5	1.5	0.0	1.0	2.1	432.3	468.6	.	409.5	433.7
Poland	267	266	92.0	8.0	0.0	0.0	0.7	547.9	570.1	.	.	572.0
Portugal	321	318	91.4	8.6	0.0	0.0	0.8	509.9	518.1	.	.	510.7
Qatar	283	276	86.9	13.1	0.0	0.9	2.3	470.1	469.2	.	524.3	543.2
Romania	188	152	94.1	5.9	0.0	0.0	20.0	528.2	522.7	.	.	519.7
Saudi Arabia	217	186	51.0	49.0	0.0	4.2	10.1	443.9	409.0	.	423.4	436.0
Serbia	213	213	92.4	7.6	0.0	0.0	0.0	511.3	492.8	.	.	.
Singapore	362	361	69.4	30.6	0.0	0.0	0.3	610.3	600.8	.	.	585.9
Slovak Republic	269	269	98.1	1.9	0.0	0.0	0.0	520.5	523.5	.	.	.
Slovenia	269	262	95.9	4.1	0.0	0.0	1.6	525.5	521.6	.	.	543.1
South Africa (5)	287	239	64.4	34.7	0.9	0.0	17.4	312.6	296.8	390.6	.	308.1
Spain	582	567	74.2	25.7	0.1	0.3	2.0	505.1	500.3	517.3	497.5	512.4
Sweden	250	216	78.8	21.2	0.0	0.3	12.8	533.0	534.7	.	519.9	527.1
Turkiye (5)	171	170	70.6	29.4	0.0	0.4	0.0	574.0	561.2	.	544.7	.
United Arab Emirates	1435	1294	87.5	12.5	0.0	0.3	8.5	495.5	496.5	.	433.8	489.8
United States	495	476	85.7	14.3	0.0	0.3	3.5	533.2	528.4	.	572.8	527.0
Uzbekistan	168	160	94.8	5.2	0.0	3.5	2.0	411.5	413.6	.	415.1	420.6
International Avg. (58)	17865	16240	82.9	17.0	0.1	0.5	8.5	496.6	487.3	483.4	470.1	492.5
Ontario, Canada	286	248	85.0	13.7	1.3	0.1	11.2	525.6	530.7	537.2	533.5	515.6
Quebec, Canada	215	196	90.2	8.7	1.1	0.0	7.1	507.0	508.0	531.5	.	509.8
Abu Dhabi, UAE	553	503	84.6	15.4	0.0	0.4	7.6	447.0	448.5	.	362.9	438.2
Dubai, UAE	359	317	84.3	15.7	0.0	0.4	8.7	562.7	574.0	.	514.2	542.8
Sharjah, UAE	284	250	94.3	5.7	0.0	0.1	10.9	507.5	450.2	.	479.6	491.7

Question: How old are you?
Location: TQG-03 (ATBG03)

Country	Sample	Valid N	1.Under 25 %	2.25- 29 %	3.30- 39 %	4.40- 49 %	5.50- 59 %	6.60 or more %	Omitte d %	Not Admini stered %
Albania	123	99	0.0	1.5	13.6	35.5	37.0	12.5	0.0	17.7
Armenia	211	203	0.6	3.7	25.5	27.1	19.9	23.2	0.5	1.9
Australia	347	259	3.5	18.4	30.1	28.1	14.3	5.7	0.9	26.9
Azerbaijan	271	232	0.7	7.7	21.7	29.7	21.4	18.8	1.7	12.8
Bahrain	212	211	8.6	20.9	36.7	25.8	6.5	1.5	0.9	0.0
Belgium (Flemish)	278	217	3.9	14.8	39.3	20.5	19.3	2.2	0.0	19.7
Belgium (French)	344	295	4.2	13.0	30.0	33.5	18.8	0.6	0.3	13.7
Bosnia & Herzegovina	236	184	0.1	4.1	7.8	47.4	37.2	3.4	0.4	20.2
Brazil	1047	1011	2.8	9.0	21.3	40.3	22.0	4.6	1.6	1.5
Bulgaria	208	204	0.8	2.9	6.4	23.9	50.1	15.8	1.3	1.0
Canada	917	830	1.8	11.1	31.7	33.3	20.5	1.6	0.1	8.8
Chile	178	164	1.1	9.5	39.7	24.6	17.0	8.1	0.0	7.1
Chinese Taipei	238	238	2.9	2.9	14.5	37.5	39.1	3.2	0.0	0.0
Cyprus	267	265	0.3	1.8	37.8	47.5	12.6	0.0	0.0	0.8
Czech Republic	344	339	1.0	6.3	9.5	32.2	36.1	14.9	0.3	1.1
Denmark	278	222	0.0	11.4	30.8	31.5	17.3	9.1	0.0	19.1
England	178	135	7.8	18.8	30.6	22.9	19.3	0.5	0.0	19.9
Finland	369	359	1.4	7.5	25.4	31.1	27.0	7.7	0.0	2.6
France	306	255	2.0	11.6	18.9	39.5	25.4	2.5	0.3	15.9
Georgia	218	218	2.1	3.2	11.5	27.6	31.3	24.4	0.0	0.0
Germany	243	208	0.3	10.9	33.4	21.0	26.9	7.5	0.9	13.5
Hong Kong SAR	182	124	2.1	10.9	29.7	35.3	16.2	5.8	0.0	31.0
Hungary	263	218	0.0	3.5	7.4	25.1	52.3	11.7	0.0	15.4
Iran, Islamic Rep. of	224	224	9.7	9.3	35.1	31.1	14.2	0.5	0.0	0.0
Ireland	239	238	7.8	16.2	39.6	26.9	8.9	0.6	0.0	0.4
Italy	266	264	0.0	1.7	5.3	27.7	45.0	20.2	0.0	0.7
Japan	142	138	6.3	15.6	24.3	18.1	22.7	13.0	1.5	1.6
Jordan	224	222	7.4	18.2	47.9	17.1	8.6	0.9	2.3	0.3
Kazakhstan	303	292	1.8	9.0	20.9	38.6	26.8	3.0	2.0	1.3
Korea, Rep. of	199	182	3.2	10.3	26.1	43.3	13.6	3.4	0.0	7.5
Kosovo	231	205	3.0	12.5	24.7	32.1	19.1	8.5	1.2	9.5
Kuwait	164	162	5.6	18.9	38.4	30.4	5.1	1.6	0.7	0.7
Latvia	213	207	2.5	7.3	16.4	26.9	23.7	23.1	0.0	3.5
Lithuania	250	248	2.5	1.6	7.7	18.0	43.5	26.6	0.4	0.5
Macao SAR	275	275	2.5	20.1	43.6	20.0	10.3	3.5	0.0	0.0
Montenegro	338	324	0.0	6.0	25.3	26.3	34.8	7.7	0.0	4.0
Morocco	303	289	3.2	15.0	35.3	28.6	13.5	4.4	0.0	5.3
Netherlands	188	121	7.9	19.1	29.8	18.5	16.8	7.9	0.6	32.9
New Zealand	396	217	6.0	12.1	22.3	29.1	21.9	8.6	0.2	44.0
North Macedonia	274	205	0.6	1.2	19.7	38.0	31.5	8.9	1.0	25.2
Norway (5)	314	233	3.7	16.5	31.6	27.3	16.7	4.2	0.0	22.4
Oman	287	278	4.5	14.8	40.7	38.0	1.9	0.0	1.4	2.1
Poland	267	266	0.0	0.0	15.0	32.5	40.6	11.9	0.0	0.7
Portugal	321	317	0.0	0.6	10.4	45.7	28.6	14.7	0.3	0.8
Qatar	283	278	4.1	11.7	49.4	28.1	6.8	0.0	0.5	2.3
Romania	188	150	0.8	1.2	11.8	46.1	31.1	9.1	0.3	20.5
Saudi Arabia	217	192	0.6	3.1	31.0	50.0	15.3	0.0	1.4	10.1
Serbia	213	213	0.0	1.9	14.9	23.2	48.6	11.3	0.0	0.0
Singapore	362	361	0.0	5.6	34.8	40.3	17.4	1.8	0.0	0.3
Slovak Republic	269	267	0.7	5.6	11.6	35.6	38.1	8.4	1.0	0.0
Slovenia	269	262	0.4	5.6	20.3	29.5	36.1	8.1	0.0	1.6
South Africa (5)	287	239	0.4	16.7	21.0	16.3	39.2	6.3	0.0	17.4
Spain	582	566	0.8	7.8	31.7	30.7	24.1	5.0	0.9	2.0
Sweden	250	216	1.2	10.3	24.2	29.9	26.5	7.8	0.3	12.8
Turkiye (5)	171	171	2.6	11.8	42.7	29.4	13.0	0.5	0.0	0.0
United Arab Emirates	1435	1294	2.2	15.0	43.7	29.6	8.5	1.1	0.5	8.5
United States	495	476	5.3	13.3	25.1	29.8	20.8	5.7	0.7	3.5
Uzbekistan	168	165	2.2	2.6	24.2	37.6	31.0	2.3	0.0	2.0
International Avg. (58)	17865	16247	2.5	9.4	25.9	30.9	24.0	7.3	0.5	8.5
Ontario, Canada	286	248	0.4	6.3	35.1	37.6	19.5	1.1	0.1	11.2
Quebec, Canada	215	196	4.6	17.2	25.3	26.8	23.7	2.5	0.0	7.1
Abu Dhabi, UAE	553	504	3.1	17.6	45.7	21.2	10.6	1.9	0.1	7.6
Dubai, UAE	359	317	2.3	15.0	47.3	26.4	8.9	0.1	0.2	8.7
Sharjah, UAE	284	249	1.8	10.7	39.6	40.3	6.0	1.6	1.9	10.9

Question: How old are you?
Location: TQG-03 (ATBG03)

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	Omitte d Mean	Not Admini stered Mean
Albania	123	99	.	516.2	490.3	491.0	482.7	481.9	.	507.0
Armenia	211	203	441.7	449.0	448.1	468.2	461.1	453.4	434.2	461.0
Australia	347	259	559.2	551.0	553.6	544.6	557.2	553.4	535.2	545.2
Azerbaijan	271	232	450.9	406.7	410.2	428.6	435.5	415.6	403.4	420.6
Bahrain	212	211	458.4	462.0	480.4	474.0	498.6	527.4	486.7	.
Belgium (Flemish)	278	217	501.0	487.8	486.1	495.7	495.4	512.6	.	477.0
Belgium (French)	344	295	460.1	484.1	482.2	483.2	490.5	488.5	447.0	464.2
Bosnia & Herzegovina	236	184	395.4	460.6	467.3	446.4	451.1	450.1	502.2	438.8
Brazil	1047	1011	402.1	454.6	427.9	424.2	415.4	420.5	414.6	439.2
Bulgaria	208	204	590.5	518.3	538.2	516.1	532.6	540.9	481.8	515.0
Canada	917	830	521.9	516.4	519.4	524.6	524.7	507.2	503.6	515.3
Chile	178	164	490.2	484.4	476.1	475.3	489.1	486.5	.	471.0
Chinese Taipei	238	238	575.2	577.9	568.9	577.4	567.6	586.6	.	.
Cyprus	267	265	523.1	468.1	478.6	492.0	495.9	.	.	471.0
Czech Republic	344	339	489.5	521.7	523.2	533.2	525.7	516.2	523.4	525.8
Denmark	278	222	.	505.6	519.4	526.7	528.3	525.8	.	521.6
England	178	135	551.1	555.2	557.0	559.6	565.0	554.1	.	548.2
Finland	369	359	543.7	537.9	546.6	539.8	548.6	529.9	.	505.6
France	306	255	498.5	486.9	471.0	487.4	507.4	477.5	477.6	482.2
Georgia	218	218	485.9	454.0	465.6	476.6	465.6	450.3	.	.
Germany	243	208	496.8	510.3	513.2	518.3	518.6	509.7	518.3	517.8
Hong Kong SAR	182	124	541.5	554.2	539.7	541.8	527.6	568.7	.	552.9
Hungary	263	218	.	518.8	510.0	524.4	527.5	511.3	.	529.8
Iran, Islamic Rep. of	224	224	403.2	429.1	444.2	430.6	426.8	440.3	.	.
Ireland	239	238	520.1	523.2	534.6	535.3	536.6	517.1	.	537.9
Italy	266	264	.	540.1	517.0	515.5	509.5	502.0	.	504.4
Japan	142	138	559.2	548.6	554.2	560.2	555.9	548.8	569.1	568.6
Jordan	224	222	400.8	424.8	430.9	402.3	391.6	382.1	379.0	336.1
Kazakhstan	303	292	468.9	453.5	467.6	463.7	472.9	502.5	417.9	484.2
Korea, Rep. of	199	182	590.1	572.7	580.6	588.8	595.1	533.9	.	574.2
Kosovo	231	205	424.9	396.3	408.7	406.5	402.0	399.7	402.5	386.5
Kuwait	164	162	324.1	398.8	369.2	367.0	350.2	455.6	444.1	495.2
Latvia	213	207	534.7	499.1	524.1	536.9	521.7	527.3	.	508.8
Lithuania	250	248	571.2	516.5	529.6	539.1	535.7	537.0	534.7	572.4
Macao SAR	275	275	571.0	542.0	528.6	547.5	529.6	516.6	.	.
Montenegro	338	324	.	445.4	450.2	463.1	467.6	462.3	.	469.7
Morocco	303	289	393.1	387.2	398.3	379.3	398.2	411.8	.	365.7
Netherlands	188	121	504.6	522.7	513.5	520.4	514.8	523.3	506.0	517.3
New Zealand	396	217	492.3	536.7	518.4	521.9	535.2	528.6	582.6	506.8
North Macedonia	274	205	510.1	489.6	411.7	451.1	443.1	449.0	364.4	433.4
Norway (5)	314	233	522.4	530.0	533.4	532.7	535.6	528.9	.	523.6
Oman	287	278	376.8	416.9	437.5	440.8	422.3	.	430.8	433.7
Poland	267	266	.	.	554.6	546.3	551.5	546.4	.	572.0
Portugal	321	317	.	526.5	529.9	508.8	509.1	505.7	484.1	510.7
Qatar	283	278	429.9	504.4	477.9	453.0	464.5	.	340.9	543.2
Romania	188	150	444.6	472.3	527.0	532.7	529.0	511.1	592.0	520.0
Saudi Arabia	217	192	387.3	445.6	421.1	431.1	422.8	.	409.8	436.0
Serbia	213	213	.	497.5	522.5	509.6	508.2	503.0	.	.
Singapore	362	361	.	620.9	599.7	616.8	599.2	585.2	.	585.9
Slovak Republic	269	267	554.2	520.1	518.7	518.8	518.2	543.1	486.8	.
Slovenia	269	262	518.4	523.4	526.4	526.6	526.1	516.5	.	543.1
South Africa (5)	289	239	291.6	372.8	321.5	307.9	265.7	353.6	.	308.1
Spain	582	566	524.8	505.6	498.9	507.6	502.2	510.1	526.5	512.4
Sweden	250	216	486.9	531.1	519.7	541.0	536.6	545.8	519.9	527.1
Turkiye (5)	171	171	538.3	566.5	567.3	573.4	581.6	570.8	.	.
United Arab Emirates	1435	1294	462.2	485.4	500.9	498.0	496.5	396.3	503.7	489.8
United States	495	476	530.4	525.2	529.0	535.8	536.7	544.1	470.8	527.0
Uzbekistan	168	165	407.3	424.1	403.8	408.0	422.2	404.4	.	420.6
International Avg. (58)	17865	16247	484.1	494.3	493.9	496.0	495.3	497.6	474.0	492.5
Ontario, Canada	286	248	549.8	532.3	525.1	523.9	530.2	547.8	533.5	515.6
Quebec, Canada	215	196	521.7	501.6	504.5	507.6	514.3	480.3	.	509.8
Abu Dhabi, UAE	553	504	404.9	447.3	450.6	453.0	444.5	362.8	426.1	438.2
Dubai, UAE	359	317	534.6	546.2	574.3	555.5	575.9	575.4	526.9	542.8
Sharjah, UAE	284	249	497.8	502.3	498.4	507.5	534.6	465.2	506.9	491.7

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

Location: TQG-04 (ATBG04)

Country	Sample	Valid N	1.No upper second ary %	2.Upper second ary %	3.Post second ary, non-tertiary %	4.Short- cycle tertiary %	5.Bachelor's or equivalent %	6.Master's or equivalent %	7.Doctor's or equivalent %	Omitted %	Not Administered %
Albania	123	97	0.7	11.2	3.3	0.0	24.7	60.1	0.0	1.2	17.7
Armenia	211	200	3.1	0.0	7.1	5.5	46.1	38.2	0.0	2.5	1.9
Australia	347	260	0.0	0.0	0.0	1.5	77.7	19.5	1.3	0.0	26.9
Azerbaijan	271	228	0.0	2.9	0.8	30.6	52.8	11.4	1.5	3.8	12.8
Bahrain	212	210	0.0	0.0	0.2	0.6	82.5	16.7	0.0	2.3	0.0
Belgium (Flemish)	278	217	0.0	0.0	0.0	0.0	96.7	2.4	0.9	0.0	19.7
Belgium (French)	344	296	0.0	1.2	0.0	0.0	91.6	7.2	0.0	0.4	13.7
Bosnia & Herzegovina	236	183	0.0	0.0	19.5	6.4	65.4	7.5	1.2	0.9	20.2
Brazil	1047	1008	0.0	5.3	0.0	0.0	91.9	2.7	0.0	2.2	1.5
Bulgaria	208	206	0.0	0.0	0.7	6.5	21.1	71.3	0.3	0.0	1.0
Canada	917	830	0.0	0.8	0.1	0.1	84.3	13.9	0.7	0.8	8.8
Chile	178	164	0.0	0.0	0.0	0.0	92.3	7.7	0.0	0.0	7.1
Chinese Taipei	238	238	0.0	0.0	0.0	0.0	39.9	58.9	1.2	0.0	0.0
Cyprus	267	265	0.0	0.0	0.0	0.4	26.8	64.1	8.7	0.0	0.8
Czech Republic	344	340	0.0	4.0	0.3	0.5	5.5	87.3	2.4	0.0	1.1
Denmark	278	221	0.4	6.7	0.0	2.8	80.7	9.1	0.3	0.3	19.1
England	178	135	0.6	1.7	0.0	0.5	35.0	62.2	0.0	0.0	19.9
Finland	369	359	0.7	1.3	0.0	0.8	5.7	90.5	1.0	0.0	2.6
France	306	255	0.0	1.0	0.0	5.0	38.8	53.5	1.7	0.3	15.9
Georgia	218	217	0.0	0.7	2.0	0.3	23.4	72.1	1.4	0.6	0.0
Germany	243	178	0.1	0.6	1.2	2.8	1.5	82.0	11.9	13.5	13.5
Hong Kong SAR	182	124	0.0	0.0	0.6	0.0	64.0	35.4	0.0	0.0	31.0
Hungary	263	218	0.0	0.0	0.0	0.0	90.8	9.2	0.0	0.0	15.4
Iran, Islamic Rep. of	224	223	0.6	4.3	1.3	12.6	61.0	20.1	0.0	0.3	0.0
Ireland	239	237	0.0	0.0	0.0	3.4	56.6	40.0	0.0	0.1	0.4
Italy	266	263	0.0	51.9	3.2	0.9	6.7	35.8	1.4	0.2	0.7
Japan	142	140	0.0	0.0	0.0	2.0	91.7	6.3	0.0	0.0	1.6
Jordan	224	218	0.9	2.1	0.0	1.0	88.2	6.9	0.9	2.5	0.3
Kazakhstan	303	288	0.0	3.3	5.7	4.3	80.6	6.1	0.0	3.0	1.3
Korea, Rep. of	199	182	0.0	0.0	0.0	0.0	65.0	33.8	1.2	0.0	7.5
Kosovo	231	203	0.0	1.4	1.8	2.1	83.4	10.3	1.0	1.9	9.5
Kuwait	164	152	0.0	0.0	0.7	0.6	84.8	13.9	0.0	7.8	0.7
Latvia	213	206	0.0	1.7	0.0	3.0	50.0	45.2	0.0	0.4	3.5
Lithuania	250	249	0.0	0.9	0.0	4.5	71.3	23.4	0.0	0.0	0.5
Macao SAR	275	274	0.0	0.0	0.0	4.4	74.5	21.1	0.0	0.5	0.0
Montenegro	338	324	0.0	0.0	0.0	18.2	5.6	76.2	0.0	0.0	4.0
Morocco	303	248	0.0	21.9	0.0	7.1	59.8	8.2	2.9	16.1	5.3
Netherlands	188	121	0.4	0.0	0.0	9.3	79.9	10.4	0.0	0.3	32.9
New Zealand	396	214	0.0	0.0	0.0	6.3	53.1	40.2	0.4	1.0	44.0
North Macedonia	274	205	0.0	1.4	0.0	20.0	70.9	6.6	1.0	1.2	25.2
Norway (5)	314	233	0.0	1.4	0.0	0.3	48.8	49.2	0.3	0.0	22.4
Oman	287	278	0.0	0.1	0.0	1.6	90.3	6.9	1.1	1.0	2.1
Poland	267	266	0.0	0.0	0.0	0.0	2.3	95.9	1.8	0.0	0.7
Portugal	321	318	0.0	0.0	0.0	3.5	74.5	21.7	0.3	0.0	0.8
Qatar	283	278	0.0	0.5	0.0	2.8	67.6	27.1	2.0	0.4	2.3
Romania	188	151	0.0	5.9	0.9	9.4	52.8	31.0	0.0	0.0	20.5
Saudi Arabia	217	192	0.0	1.5	6.5	0.0	88.2	3.8	0.0	1.1	10.1
Serbia	213	211	0.0	0.0	0.0	15.1	60.5	24.0	0.4	1.0	0.0
Singapore	362	361	0.0	0.0	1.4	3.0	74.8	20.5	0.2	0.0	0.3
Slovak Republic	269	269	0.0	0.9	0.0	0.6	1.7	96.0	0.7	0.0	0.0
Slovenia	269	261	0.0	0.0	0.0	17.1	8.6	72.2	2.1	0.6	1.6
South Africa (5)	287	194	0.1	15.9	3.7	24.6	37.2	18.4	0.0	14.3	21.2
Spain	582	567	0.0	0.2	0.0	0.0	71.9	27.8	0.1	0.5	2.0
Sweden	250	210	0.0	3.1	1.7	5.6	73.7	15.1	0.9	1.8	13.1
Turkiye (5)	171	171	0.0	0.0	0.0	0.0	85.7	14.3	0.0	0.0	0.0
United Arab Emirates	1435	1293	0.1	0.2	0.0	1.3	62.3	35.8	0.4	0.6	8.5
United States	495	471	0.0	0.0	0.0	0.0	41.9	58.1	0.0	1.4	3.5
Uzbekistan	168	163	0.0	2.6	2.5	13.9	74.9	6.2	0.0	1.3	2.0
International Avg. (58)	17865	16083	0.1	2.7	1.1	4.5	57.6	33.0	0.9	1.5	8.6
Ontario, Canada	286	246	0.0	0.1	0.0	0.1	81.3	17.1	1.4	1.8	11.2
Quebec, Canada	215	196	0.0	0.0	0.3	0.0	90.6	8.8	0.3	0.0	7.1
Abu Dhabi, UAE	553	504	0.0	0.6	0.0	1.3	58.9	39.1	0.1	0.2	7.6
Dubai, UAE	359	316	0.2	0.0	0.0	0.5	59.4	39.5	0.5	0.3	8.7
Sharjah, UAE	284	250	0.0	0.0	0.0	3.4	63.4	32.1	1.2	1.6	10.9

Question: What is the highest level of formal education you have completed?
 Location: TQG-04 (ATBG04)

Country	Sample	Valid N	1.No upper secondary Mean	2.Upper secondary Mean	3.Post secondary, non-tertiary 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
Albania	123	97	466.1	499.0	507.6	.	492.4	482.0	.	476.6	507.0
Armenia	211	200	479.0	.	447.8	453.4	458.9	456.1	.	452.9	461.0
Australia	347	260	.	.	.	554.7	549.6	554.5	584.9	.	545.2
Azerbaijan	271	228	.	425.0	431.6	404.5	430.3	440.6	409.3	391.0	420.6
Bahrain	212	210	.	.	459.2	546.8	467.0	510.1	.	491.5	.
Belgium (Flemish)	278	217	.	.	.	.	491.2	501.8	474.1	.	477.0
Belgium (French)	344	296	.	456.2	.	.	482.5	495.3	.	528.0	464.2
Bosnia & Herzegovina	236	183	.	.	441.4	429.7	452.9	465.3	491.0	472.1	438.8
Brazil	1047	1008	507.9	421.8	.	.	425.1	441.4	477.6	400.2	439.2
Bulgaria	208	206	.	.	395.1	518.6	502.1	539.9	609.0	.	515.0
Canada	917	830	.	634.9	495.7	421.5	519.6	527.7	530.7	526.7	515.3
Chile	178	164	.	.	.	.	479.4	485.8	.	.	471.0
Chinese Taipei	238	238	.	.	.	.	569.5	574.7	573.0	.	.
Cyprus	267	265	.	.	.	470.1	490.9	485.2	490.1	.	471.0
Czech Republic	344	340	.	537.1	584.9	475.5	522.4	525.4	531.8	.	525.8
Denmark	278	221	515.8	525.6	.	522.8	520.7	532.9	535.4	532.3	521.6
England	178	135	559.6	543.7	.	582.7	557.0	559.3	.	.	548.2
Finland	369	359	556.0	529.5	.	520.6	525.4	544.2	563.3	.	505.6
France	306	255	.	475.7	.	512.1	490.8	486.2	494.4	477.6	482.2
Georgia	218	217	.	492.1	455.5	401.6	463.9	466.4	433.4	447.1	.
Germany	243	178	588.4	533.5	494.6	514.5	539.1	518.8	515.4	497.2	517.8
Hong Kong SAR	182	124	.	.	611.2	.	553.1	520.1	.	.	552.9
Hungary	263	218	.	.	.	.	523.4	521.1	.	.	529.8
Iran, Islamic Rep. of	224	223	304.3	417.8	403.7	410.4	435.5	444.1	.	434.4	.
Ireland	239	237	.	.	.	507.2	532.7	532.6	.	601.8	537.9
Italy	266	263	.	509.0	508.6	500.5	505.0	513.9	534.5	434.6	504.4
Japan	142	140	.	.	.	554.3	554.5	556.3	.	.	568.6
Jordan	224	218	378.5	397.7	.	471.8	419.1	420.7	397.1	387.0	336.1
Kazakhstan	303	288	.	406.2	497.7	455.5	466.1	486.5	.	451.8	484.2
Korea, Rep. of	199	182	.	.	.	.	580.1	591.7	581.5	.	574.2
Kosovo	231	203	.	340.2	292.3	380.1	406.4	429.9	363.8	402.5	386.5
Kuwait	164	152	.	.	358.5	366.2	361.2	423.4	.	403.4	495.2
Latvia	213	206	.	535.3	.	512.0	526.8	526.6	.	462.4	508.8
Lithuania	250	249	.	601.7	.	520.1	536.2	539.2	.	.	572.4
Macao SAR	275	274	.	.	.	524.2	534.6	544.1	.	466.0	.
Montenegro	338	324	.	.	.	465.7	447.9	459.9	.	.	469.7
Morocco	303	248	.	385.4	.	397.2	404.5	360.4	344.5	377.9	365.7
Netherlands	188	121	539.6	.	.	523.3	516.1	520.5	.	402.8	517.3
New Zealand	396	214	.	.	.	535.3	519.8	529.0	498.0	552.4	506.8
North Macedonia	274	205	.	416.4	.	399.3	453.4	431.6	515.8	386.1	433.4
Norway (5)	314	233	.	551.4	.	514.1	531.5	532.8	556.3	.	523.6
Oman	287	278	.	422.0	.	463.3	431.3	449.8	426.7	388.9	433.7
Poland	267	266	.	.	.	.	579.3	548.2	588.9	.	572.0
Portugal	321	318	.	.	.	497.6	507.9	521.7	535.4	.	510.7
Qatar	283	278	.	405.5	.	480.1	457.6	501.5	470.4	538.4	543.2
Romania	188	151	.	489.4	551.8	504.1	530.1	537.8	.	.	520.0
Saudi Arabia	217	192	.	437.4	453.0	.	423.6	447.6	.	427.4	436.0
Serbia	213	211	.	.	.	499.0	509.4	517.3	515.7	520.0	.
Singapore	362	361	.	.	589.0	596.2	609.6	603.5	487.9	.	585.9
Slovak Republic	269	269	.	467.8	.	544.9	533.2	520.3	576.5	.	.
Slovenia	269	261	.	.	.	521.5	525.8	526.1	528.6	528.2	543.1
South Africa (5)	287	194	346.2	282.8	345.1	273.8	324.5	348.4	.	293.9	309.3
Spain	582	567	.	508.4	.	.	503.3	504.8	517.5	525.9	512.4
Sweden	250	210	.	498.6	524.2	520.0	535.6	536.4	554.5	515.5	527.4
Turkiye (5)	171	171	.	.	.	.	568.3	581.2	.	.	.
United Arab Emirates	1435	1293	403.9	516.2	.	474.4	492.1	501.9	514.8	491.2	489.8
United States	495	471	.	.	.	.	533.8	532.5	.	504.9	527.0
Uzbekistan	168	163	.	398.6	361.0	407.6	412.8	431.3	.	419.9	420.6
International Avg. (58)	17865	16083	470.4	470.7	464.1	480.7	495.1	501.5	506.5	461.4	492.5
Ontario, Canada	286	246	.	455.7	.	449.3	524.9	533.7	537.7	528.1	515.6
Quebec, Canada	215	196	.	.	510.9	.	506.7	514.8	482.5	.	509.8
Abu Dhabi, UAE	553	504	.	516.2	.	382.4	444.4	451.5	438.6	424.7	438.2
Dubai, UAE	359	316	403.9	.	.	539.1	563.1	566.8	582.6	609.0	542.8
Sharjah, UAE	284	250	.	.	.	513.2	498.2	515.3	479.8	515.7	491.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Primary/Elementary
Location: TQG-05Aa (ATBG05AA)

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
Albania	123	97	85.8	2.3	11.9	1.3	17.7	484.8	552.5	497.2	435.6	507.0
Armenia	211	197	77.5	19.4	3.1	3.7	1.9	455.1	462.2	479.0	457.0	461.0
Australia	347	258	92.1	7.9	0.0	0.8	26.9	551.2	559.0	.	486.8	545.2
Azerbaijan	271	226	83.0	14.1	2.9	4.0	12.8	423.3	414.5	425.0	413.7	420.6
Bahrain	212	208	38.7	61.3	0.0	2.5	0.0	477.3	472.8	.	494.3	.
Belgium (Flemish)	278	217	96.6	3.4	0.0	0.0	19.7	490.7	508.0	.	.	477.0
Belgium (French)	344	295	94.5	4.3	1.2	0.6	13.7	484.2	470.5	456.2	490.7	464.2
Bosnia & Herzegovina	236	181	96.3	3.7	0.0	1.2	20.2	450.5	453.8	.	459.9	438.8
Brazil	1047	1007	83.8	11.0	5.3	1.4	1.5	424.9	427.5	422.0	411.8	439.3
Bulgaria	208	205	91.6	8.4	0.0	0.4	1.0	527.4	552.8	.	570.6	515.0
Canada	917	823	83.2	16.0	0.8	0.8	8.8	519.7	524.5	634.9	552.9	515.3
Chile	178	163	94.8	5.2	0.0	0.9	7.1	481.2	467.3	.	420.7	471.0
Chinese Taipei	238	238	65.6	34.4	0.0	0.0	0.0	574.9	568.2	.	.	.
Cyprus	267	265	97.4	2.6	0.0	0.0	0.8	485.9	531.7	.	.	471.0
Czech Republic	344	339	70.6	25.4	4.0	0.3	1.1	525.9	524.0	537.1	523.4	525.8
Denmark	278	221	37.0	55.9	7.1	0.3	19.1	518.7	524.1	525.0	536.6	521.6
England	178	134	72.6	25.1	2.3	0.4	19.9	557.1	563.0	547.7	553.4	548.2
Finland	369	357	88.4	9.6	2.0	0.3	2.6	542.8	544.5	539.0	578.3	505.6
France	306	254	35.8	63.1	1.0	0.6	15.9	491.9	488.0	475.7	491.9	482.2
Georgia	218	215	66.0	33.3	0.7	1.9	0.0	463.4	468.5	492.1	447.7	.
Germany	243	209	86.3	13.1	0.6	0.4	13.5	518.7	490.2	544.1	522.1	517.8
Hong Kong SAR	182	123	85.5	14.5	0.0	0.3	31.0	542.9	535.9	.	519.7	552.9
Hungary	263	218	97.1	2.9	0.0	0.0	15.4	525.5	445.6	.	.	529.8
Iran, Islamic Rep. of	224	223	52.0	43.0	4.9	0.3	0.0	430.7	437.7	404.2	340.0	.
Ireland	239	235	93.2	6.8	0.0	1.0	0.4	531.7	533.6	.	537.1	537.9
Italy	266	263	17.4	30.6	52.0	0.5	0.7	512.8	512.0	509.0	509.9	504.4
Japan	142	138	83.1	16.9	0.0	1.6	1.6	553.4	561.5	.	546.6	568.6
Jordan	224	216	17.1	79.9	3.0	2.2	0.3	409.0	421.1	392.1	408.4	336.1
Kazakhstan	303	285	95.5	1.1	3.4	5.0	1.3	468.3	485.7	406.2	465.3	484.2
Korea, Rep. of	199	182	97.1	2.9	0.0	0.0	7.5	582.8	624.6	.	.	574.2
Kosovo	231	202	89.7	8.9	1.4	2.6	9.5	407.3	397.6	340.2	381.8	386.5
Kuwait	164	157	54.6	45.4	0.0	4.5	0.7	370.3	373.5	.	388.4	495.2
Latvia	213	206	74.1	24.1	1.7	0.6	3.5	530.4	512.5	535.3	526.9	508.8
Lithuania	250	249	95.8	3.3	0.9	0.0	0.5	536.2	534.9	601.7	.	572.4
Macao SAR	275	274	66.4	33.6	0.0	0.5	0.0	532.8	542.3	.	492.1	.
Montenegro	338	321	86.0	14.0	0.0	0.5	4.0	460.8	459.5	.	405.7	469.7
Morocco	303	284	10.2	71.1	18.7	2.4	5.3	395.5	390.3	385.4	457.0	365.7
Netherlands	188	121	95.0	4.7	0.4	0.3	32.9	517.6	508.1	539.6	402.8	517.3
New Zealand	396	217	86.5	13.5	0.0	0.2	44.0	525.2	521.3	.	582.6	506.8
North Macedonia	274	196	78.9	19.6	1.5	3.7	25.2	447.1	427.6	416.4	394.0	433.4
Norway (5)	314	233	85.8	12.8	1.4	0.0	22.4	533.9	520.4	551.4	.	523.6
Oman	287	276	52.0	47.8	0.1	1.0	2.1	432.3	433.1	422.0	428.7	433.7
Poland	267	265	17.4	82.6	0.0	0.6	0.7	551.4	549.6	.	508.9	572.0
Portugal	321	317	97.5	2.5	0.0	0.4	0.8	510.0	525.9	.	553.0	510.7
Qatar	283	276	46.7	52.8	0.5	0.6	2.3	490.5	454.4	405.5	371.4	543.2
Romania	188	145	79.3	17.6	3.1	1.7	22.8	530.0	535.5	489.8	496.0	516.8
Saudi Arabia	217	189	42.5	56.0	1.6	2.5	10.1	416.0	433.9	437.4	436.3	436.0
Serbia	213	213	99.9	0.1	0.0	0.0	0.0	509.8	533.2	.	.	.
Singapore	362	357	60.7	39.3	0.0	1.2	0.3	608.6	605.2	.	620.0	585.9
Slovak Republic	269	268	88.7	10.4	0.9	0.3	0.0	520.5	524.5	467.8	564.7	.
Slovenia	269	260	99.2	0.8	0.0	1.2	1.6	525.5	532.4	.	511.4	543.1
South Africa (5)	287	236	61.7	25.7	12.6	0.9	17.4	322.1	288.4	283.2	248.1	308.1
Spain	582	566	93.0	6.8	0.2	0.4	2.0	504.2	499.5	508.4	500.0	512.4
Sweden	250	214	86.4	10.5	3.1	0.6	13.1	534.3	535.6	498.6	529.1	527.4
Turkiye (5)	171	170	47.9	52.1	0.0	0.3	0.0	568.5	571.7	.	544.4	.
United Arab Emirates	1435	1288	48.8	50.9	0.3	0.6	8.6	491.2	499.5	488.7	510.0	489.2
United States	495	474	82.0	18.0	0.0	0.9	3.5	534.3	526.3	.	505.1	527.0
Uzbekistan	168	160	90.1	7.3	2.6	3.0	2.0	412.2	413.4	398.6	403.9	420.6
International Avg. (58)	17865	16126	74.0	23.3	2.7	1.1	8.6	495.3	496.1	472.3	478.7	492.4
Ontario, Canada	286	242	77.4	22.5	0.1	1.7	11.2	526.5	524.1	455.7	556.4	515.6
Quebec, Canada	215	196	92.2	7.8	0.0	0.0	7.1	506.7	514.8	.	.	509.8
Abu Dhabi, UAE	553	503	53.2	46.2	0.6	0.4	7.6	441.5	452.7	516.2	380.4	438.2
Dubai, UAE	359	317	54.8	44.9	0.2	0.7	8.7	559.6	570.4	403.9	586.5	542.8
Sharjah, UAE	284	248	34.7	65.3	0.0	0.1	11.2	495.3	509.6	.	384.1	489.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Secondary
 Location: TQG-05Ab (ATBG05AB)

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
Albania	123	98	6.2	82.0	11.8	0.8	17.7	494.3	486.0	497.2	411.4	507.0
Armenia	211	197	12.0	84.9	3.1	3.7	1.9	451.5	457.2	479.0	457.0	461.0
Australia	347	259	5.8	94.2	0.0	0.5	26.9	542.1	552.3	.	452.1	545.2
Azerbaijan	271	224	23.4	73.7	2.9	4.7	12.8	421.2	422.8	425.0	409.2	420.6
Bahrain	212	208	22.4	77.6	0.0	2.5	0.0	490.4	469.9	.	494.3	.
Belgium (Flemish)	278	216	3.0	97.0	0.0	0.2	19.7	483.4	491.4	.	540.7	477.0
Belgium (French)	344	295	5.9	92.9	1.2	0.6	13.7	489.0	483.2	456.2	490.7	464.2
Bosnia & Herzegovina	236	181	2.4	97.6	0.0	1.2	20.2	449.8	450.6	.	459.9	438.8
Brazil	1047	1006	26.7	68.0	5.3	1.4	1.5	430.2	423.2	422.0	412.4	439.3
Bulgaria	208	202	26.3	73.7	0.0	1.8	1.0	546.0	522.9	.	570.5	515.0
Canada	917	820	9.7	89.5	0.8	1.0	8.8	535.3	518.9	634.9	548.6	515.3
Chile	178	162	4.9	95.1	0.0	1.4	7.1	478.0	480.8	.	431.7	471.0
Chinese Taipei	238	237	2.3	97.7	0.0	0.6	0.0	570.9	572.8	.	555.1	.
Cyprus	267	265	1.6	98.4	0.0	0.0	0.8	491.7	487.0	.	.	471.0
Czech Republic	344	339	16.7	79.3	4.0	0.3	1.1	530.6	524.3	537.1	523.4	525.8
Denmark	278	220	39.3	53.6	7.1	0.6	19.1	517.5	525.2	525.0	532.9	521.6
England	178	134	3.9	93.8	2.3	0.4	19.9	566.3	558.3	547.7	553.4	548.2
Finland	369	357	11.3	86.7	2.0	0.3	2.6	544.1	542.8	539.0	578.3	505.6
France	306	254	9.7	89.2	1.0	0.6	15.9	487.3	489.6	475.7	491.9	482.2
Georgia	218	214	20.0	79.3	0.7	2.2	0.0	459.2	466.7	492.1	446.2	.
Germany	243	209	22.7	76.7	0.6	0.4	13.5	509.6	516.5	544.1	522.1	517.8
Hong Kong SAR	182	123	18.2	81.8	0.0	0.3	31.0	529.0	544.8	.	519.7	552.9
Hungary	263	218	2.2	97.8	0.0	0.0	15.4	509.7	523.5	.	.	529.8
Iran, Islamic Rep. of	224	223	7.1	87.9	4.9	0.3	0.0	442.6	433.2	404.2	340.0	.
Ireland	239	235	3.7	96.3	0.0	0.6	0.4	529.8	532.0	.	531.8	537.9
Italy	266	263	9.7	38.3	52.0	0.5	0.7	507.9	513.4	509.0	509.9	504.4
Japan	142	138	42.1	57.9	0.0	1.6	1.6	550.5	557.8	.	546.6	568.6
Jordan	224	217	10.9	86.1	3.0	1.8	0.3	409.3	420.2	392.1	404.9	336.1
Kazakhstan	303	284	29.9	66.7	3.4	5.2	1.3	451.7	475.5	406.2	471.0	484.2
Korea, Rep. of	199	182	5.1	94.9	0.0	0.0	7.5	606.1	582.8	.	.	574.2
Kosovo	231	202	24.5	74.1	1.4	2.6	9.5	399.3	408.8	340.2	381.8	386.5
Kuwait	164	157	3.3	96.7	0.0	3.9	0.7	440.3	369.3	.	392.4	495.2
Latvia	213	206	22.5	75.7	1.7	0.6	3.5	512.1	530.1	535.3	526.9	508.8
Lithuania	250	249	6.8	92.3	0.9	0.0	0.5	537.8	536.1	601.7	.	572.4
Macao SAR	275	274	19.2	80.8	0.0	0.5	0.0	530.7	537.3	.	492.1	.
Montenegro	338	321	28.8	71.2	0.0	0.5	4.0	455.2	462.8	.	405.7	469.7
Morocco	303	283	0.0	81.3	18.7	2.4	5.3	304.9	391.0	385.4	456.1	365.7
Netherlands	188	121	1.3	98.4	0.4	0.3	32.9	418.8	518.5	539.6	402.8	517.3
New Zealand	396	217	3.5	96.5	0.0	0.2	44.0	516.3	525.0	.	582.6	506.8
North Macedonia	274	196	25.1	73.4	1.5	3.7	25.2	425.3	449.4	416.4	394.0	433.4
Norway (5)	314	232	8.2	90.3	1.4	0.5	22.4	524.9	532.6	551.4	561.9	523.6
Oman	287	274	18.8	81.1	0.1	1.6	2.1	438.8	431.4	422.0	422.6	433.7
Poland	267	0	.	.	.	.	.	.	.	.	.	.
Portugal	321	316	7.1	92.9	0.0	0.7	0.8	511.7	510.3	.	543.1	510.7
Qatar	283	276	28.6	70.9	0.5	0.6	2.3	479.2	468.2	405.5	371.4	543.2
Romania	188	145	22.3	74.6	3.1	1.7	22.8	533.1	530.4	489.8	496.0	516.8
Saudi Arabia	217	190	8.5	90.0	1.6	2.0	10.1	419.3	426.5	437.4	452.9	436.0
Serbia	213	213	3.5	96.5	0.0	0.0	0.0	496.3	510.3	.	.	.
Singapore	362	357	18.2	81.8	0.0	1.1	0.3	610.9	606.8	.	599.0	585.9
Slovak Republic	269	267	9.6	89.5	0.9	0.7	0.0	544.8	518.3	467.8	553.3	.
Slovenia	269	260	2.4	97.6	0.0	1.2	1.6	527.8	525.5	.	511.4	543.1
South Africa (5)	287	232	25.1	62.0	12.9	1.5	18.4	326.4	307.9	283.2	246.8	306.6
Spain	582	564	9.7	90.1	0.2	0.8	2.0	502.8	503.9	508.4	510.4	512.4
Sweden	250	213	15.5	81.4	3.1	0.9	13.1	532.2	535.0	498.6	520.9	527.4
Turkiye (5)	171	170	21.8	78.2	0.0	0.3	0.0	564.6	571.8	.	544.4	.
United Arab Emirates	1435	1285	27.3	72.4	0.3	0.8	8.6	500.8	493.9	488.7	469.1	489.0
United States	495	474	4.8	95.2	0.0	0.9	3.5	537.4	532.6	.	505.1	527.0
Uzbekistan	168	159	32.9	64.4	2.6	3.8	2.0	413.8	411.5	398.6	406.8	420.6
International Avg. (57)	17865	15833	14.1	83.1	2.8	1.2	8.7	491.8	494.2	472.3	479.9	490.7
Ontario, Canada	286	241	9.4	90.5	0.1	1.9	11.2	538.3	524.7	455.7	553.9	515.6
Quebec, Canada	215	195	4.1	95.9	0.0	0.3	7.1	508.1	507.2	.	536.2	509.8
Abu Dhabi, UAE	553	502	29.9	69.5	0.6	1.1	7.6	455.3	443.7	516.2	372.7	438.2
Dubai, UAE	359	317	26.8	73.0	0.2	0.7	8.7	575.5	560.4	403.9	586.5	542.8
Sharjah, UAE	284	248	27.0	73.0	0.0	0.1	11.2	499.1	506.8	.	384.1	489.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Mathematics
 Location: TQG-05Ac (ATBG05AC)

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
Albania	123	98	20.3	67.9	11.8	0.8	17.7	483.8	487.4	497.2	411.4	507.0
Armenia	211	196	25.2	71.6	3.2	4.2	1.9	462.2	454.4	479.0	459.8	461.0
Australia	347	259	7.0	93.0	0.0	0.5	26.9	549.2	551.9	.	452.1	545.2
Azerbaijan	271	225	41.2	55.9	2.9	4.3	12.8	430.5	415.9	425.0	413.2	420.6
Bahrain	212	204	27.3	72.7	0.0	4.1	0.0	466.9	475.4	.	519.0	.
Belgium (Flemish)	278	0	.	.	.	.	.	.	.	.	.	.
Belgium (French)	344	295	21.4	77.5	1.2	0.6	13.7	477.4	485.3	456.2	490.7	464.2
Bosnia & Herzegovina	236	180	36.2	63.8	0.0	1.9	20.2	450.6	450.2	.	467.0	438.8
Brazil	1047	1006	38.4	56.4	5.3	1.4	1.5	425.7	424.8	422.0	411.8	439.3
Bulgaria	208	205	10.5	89.5	0.0	0.4	1.0	543.7	527.9	.	570.6	515.0
Canada	917	821	9.0	90.2	0.8	1.0	8.8	529.9	519.5	634.9	550.7	515.3
Chile	178	161	43.0	57.0	0.0	2.0	7.1	483.9	477.8	.	456.7	471.0
Chinese Taipei	238	237	18.8	81.2	0.0	0.6	0.0	568.4	573.6	.	570.8	.
Cyprus	267	261	10.6	89.4	0.0	1.9	0.8	486.6	486.4	.	522.2	471.0
Czech Republic	344	339	1.4	94.6	4.0	0.3	1.1	508.6	525.6	537.1	523.4	525.8
Denmark	278	222	61.2	31.7	7.1	0.0	19.1	521.3	523.3	525.0	.	521.6
England	178	134	12.7	85.0	2.3	0.4	19.9	563.9	557.8	547.7	553.4	548.2
Finland	369	357	2.1	95.9	2.0	0.3	2.6	553.7	542.8	539.0	578.3	505.6
France	306	254	23.0	75.9	1.0	0.6	15.9	491.8	488.6	475.7	491.9	482.2
Georgia	218	215	41.6	57.6	0.7	1.9	0.0	465.2	465.0	492.1	447.7	.
Germany	243	209	48.3	51.1	0.6	0.4	13.5	518.9	511.1	544.1	522.1	517.8
Hong Kong SAR	182	123	30.1	69.9	0.0	0.3	31.0	532.9	545.8	.	519.7	552.9
Hungary	263	218	2.0	98.0	0.0	0.0	15.4	539.7	522.9	.	.	529.8
Iran, Islamic Rep. of	224	223	9.7	85.4	4.9	0.3	0.0	469.2	429.9	404.2	340.0	.
Ireland	239	234	4.4	95.6	0.0	1.0	0.4	540.0	531.3	.	551.7	537.9
Italy	266	263	6.4	41.5	52.0	0.5	0.7	515.6	511.8	509.0	509.9	504.4
Japan	142	137	3.7	96.3	0.0	2.2	1.6	561.8	554.6	.	544.9	568.6
Jordan	224	215	31.1	65.9	3.0	2.6	0.3	428.0	415.6	392.1	387.0	336.1
Kazakhstan	303	281	40.5	56.1	3.4	6.1	1.3	457.0	476.6	406.2	466.5	484.2
Korea, Rep. of	199	182	3.3	96.7	0.0	0.0	7.5	585.4	584.0	.	.	574.2
Kosovo	231	203	38.8	59.8	1.4	2.3	9.5	406.0	406.7	340.2	379.2	386.5
Kuwait	164	158	11.9	88.1	0.0	3.5	0.7	421.0	365.3	.	387.7	495.2
Latvia	213	206	12.3	86.0	1.7	0.6	3.5	528.5	525.6	535.3	526.9	508.8
Lithuania	250	249	7.6	91.6	0.9	0.0	0.5	534.2	536.4	601.7	.	572.4
Macao SAR	275	272	10.8	89.2	0.0	1.0	0.0	535.8	536.1	.	511.4	.
Montenegro	338	321	49.1	50.9	0.0	0.5	4.0	459.4	461.8	.	405.7	469.7
Morocco	303	284	8.9	72.4	18.7	2.4	5.3	373.7	393.1	385.4	457.0	365.7
Netherlands	188	1	0.0	0.0	100.0	0.0	99.8	.	.	539.6	.	516.9
New Zealand	396	217	7.2	92.8	0.0	0.2	44.0	532.2	524.1	.	582.6	506.8
North Macedonia	274	196	33.3	65.2	1.5	3.7	25.2	426.4	451.8	416.4	394.0	433.4
Norway (5)	314	232	35.6	62.9	1.4	0.1	22.4	535.7	530.1	551.4	549.4	523.6
Oman	287	274	56.0	43.8	0.1	2.1	2.1	431.2	434.9	422.0	424.0	433.7
Poland	267	266	7.1	92.9	0.0	0.0	0.7	548.5	549.8	.	.	572.0
Portugal	321	317	35.2	64.8	0.0	0.4	0.8	514.4	508.3	.	553.0	510.7
Qatar	283	274	25.7	73.9	0.5	1.1	2.3	474.4	470.4	405.5	411.0	543.2
Romania	188	144	33.0	63.9	3.2	2.4	22.8	522.9	536.8	489.8	475.8	516.8
Saudi Arabia	217	187	8.5	89.9	1.6	3.5	10.1	418.6	427.2	437.4	427.1	436.0
Serbia	213	213	36.6	63.4	0.0	0.0	0.0	514.9	506.9	.	.	.
Singapore	362	358	53.5	46.5	0.0	1.0	0.3	607.7	606.9	.	615.9	585.9
Slovak Republic	269	265	12.2	86.9	0.9	1.4	0.0	527.3	520.6	467.8	498.1	.
Slovenia	269	260	5.8	94.2	0.0	1.2	1.6	528.6	525.4	.	511.4	543.1
South Africa (5)	287	233	34.3	52.9	12.7	1.0	17.9	303.4	316.2	283.2	276.8	311.0
Spain	582	564	17.7	82.1	0.2	0.8	2.0	502.9	504.0	508.4	506.7	512.4
Sweden	250	214	69.0	27.9	3.1	0.6	13.1	533.0	538.0	498.6	529.1	527.4
Turkiye (5)	171	169	21.5	78.5	0.0	0.9	0.0	572.6	569.5	.	566.6	.
United Arab Emirates	1435	1279	25.0	74.7	0.3	1.1	8.7	486.5	499.0	488.7	482.6	487.8
United States	495	474	6.5	93.5	0.0	0.9	3.5	517.1	534.0	.	505.1	527.0
Uzbekistan	168	160	40.8	56.6	2.6	3.0	2.0	411.3	413.0	398.6	403.9	420.6
International Avg. (57)	17865	15744	23.4	72.1	4.5	1.3	9.6	496.1	494.8	472.3	482.3	492.7
Ontario, Canada	286	241	13.7	86.2	0.1	2.0	11.2	535.9	524.3	455.7	554.9	515.6
Quebec, Canada	215	196	2.6	97.4	0.0	0.0	7.1	498.2	507.6	.	.	509.8
Abu Dhabi, UAE	553	498	25.8	73.5	0.6	1.2	7.9	426.3	455.2	516.2	374.1	434.8
Dubai, UAE	359	317	26.5	73.3	0.2	0.9	8.7	553.2	568.1	403.9	613.5	542.8
Sharjah, UAE	284	244	23.7	76.3	0.0	1.1	11.4	510.5	502.9	.	480.9	490.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Science
 Location: TQG-05Ad (ATBG05AD)

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
Albania	123	98	22.6	65.6	11.8	0.8	17.7	484.3	487.3	497.2	411.4	507.0
Armenia	211	196	38.0	58.8	3.2	4.2	1.9	460.1	454.0	479.0	459.8	461.0
Australia	347	259	9.0	91.0	0.0	0.5	26.9	547.9	552.1	.	452.1	545.2
Azerbaijan	271	224	46.0	51.2	2.9	4.5	12.8	427.2	418.0	425.0	409.5	420.6
Bahrain	212	209	81.2	18.8	0.0	2.1	0.0	472.6	483.2	.	495.2	.
Belgium (Flemish)	278	0	.	.	.	.	.	.	.	.	.	.
Belgium (French)	344	295	18.8	80.1	1.2	0.6	13.7	478.2	484.8	456.2	490.7	464.2
Bosnia & Herzegovina	236	180	35.8	64.2	0.0	1.9	20.2	452.3	449.3	.	467.0	438.8
Brazil	1047	1003	37.9	56.8	5.3	1.7	1.5	429.7	422.6	422.0	397.8	439.3
Bulgaria	208	205	16.4	83.6	0.0	0.4	1.0	553.8	524.8	.	570.6	515.0
Canada	917	822	13.4	85.8	0.8	0.8	8.8	526.1	519.6	634.9	551.5	515.3
Chile	178	160	45.0	55.0	0.0	2.3	7.1	487.3	475.5	.	444.8	471.0
Chinese Taipei	238	238	35.3	64.7	0.0	0.0	0.0	574.4	571.7	.	.	.
Cyprus	267	262	13.1	86.9	0.0	1.3	0.8	493.2	485.3	.	543.9	471.0
Czech Republic	344	338	2.9	93.1	4.0	0.4	1.1	553.8	524.4	537.1	536.4	525.8
Denmark	278	222	30.7	62.3	7.1	0.0	19.1	520.3	522.9	525.0	.	521.6
England	178	133	21.1	76.6	2.4	1.2	19.9	569.4	555.6	547.7	559.5	548.2
Finland	369	356	2.3	95.7	2.0	0.6	2.6	525.6	543.4	539.0	567.7	505.6
France	306	254	32.4	66.6	1.0	0.6	15.9	494.6	486.8	475.7	491.9	482.2
Georgia	218	215	57.0	42.3	0.7	1.9	0.0	466.5	463.3	492.1	447.7	.
Germany	243	209	57.1	42.3	0.6	0.4	13.5	516.1	513.4	544.1	522.1	517.8
Hong Kong SAR	182	123	35.2	64.8	0.0	0.3	31.0	545.4	540.0	.	519.7	552.9
Hungary	263	218	9.8	90.2	0.0	0.0	15.4	509.4	524.7	.	.	529.8
Iran, Islamic Rep. of	224	221	8.1	86.9	5.0	1.1	0.0	449.8	432.6	404.2	387.0	.
Ireland	239	234	4.3	95.7	0.0	1.0	0.4	535.7	531.5	.	551.7	537.9
Italy	266	263	5.2	42.7	52.0	0.5	0.7	517.7	511.6	509.0	509.9	504.4
Japan	142	137	12.8	87.2	0.0	2.2	1.6	558.4	554.3	.	544.9	568.6
Jordan	224	218	85.0	12.0	3.0	1.7	0.3	418.8	419.6	392.1	407.9	336.1
Kazakhstan	303	282	38.5	58.1	3.4	5.8	1.3	453.6	478.8	406.2	461.5	484.2
Korea, Rep. of	199	182	5.4	94.6	0.0	0.0	7.5	581.9	584.1	.	.	574.2
Kosovo	231	202	36.8	61.8	1.4	2.7	9.5	403.5	408.1	340.2	384.7	386.5
Kuwait	164	158	67.0	33.0	0.0	3.5	0.7	371.3	373.3	.	387.7	495.2
Latvia	213	207	43.3	55.0	1.7	0.0	3.5	522.2	529.0	535.3	.	508.8
Lithuania	250	249	9.8	89.3	0.9	0.0	0.5	536.9	536.1	601.7	.	572.4
Macao SAR	275	272	25.8	74.2	0.0	1.0	0.0	547.0	532.2	.	511.4	.
Montenegro	338	321	46.2	53.8	0.0	0.5	4.0	461.1	460.2	.	405.7	469.7
Morocco	303	284	35.5	45.9	18.7	2.4	5.3	384.0	396.3	385.4	457.0	365.7
Netherlands	188	1	0.0	0.0	100.0	0.0	99.8	.	.	539.6	.	516.9
New Zealand	396	217	9.5	90.5	0.0	0.2	44.0	522.1	524.9	.	582.6	506.8
North Macedonia	274	196	28.6	69.9	1.5	3.7	25.2	432.4	447.7	416.4	394.0	433.4
Norway (5)	314	231	31.2	67.4	1.4	0.4	22.4	537.1	529.6	551.4	574.4	523.6
Oman	287	276	75.2	24.7	0.1	1.4	2.1	434.7	428.1	422.0	403.0	433.7
Poland	267	266	83.9	16.1	0.0	0.0	0.7	549.3	551.6	.	.	572.0
Portugal	321	317	33.4	66.6	0.0	0.4	0.8	513.2	509.0	.	553.0	510.7
Qatar	283	278	71.0	28.5	0.5	0.5	2.3	461.0	497.3	405.5	340.9	543.2
Romania	188	144	32.2	64.7	3.2	2.4	22.8	526.9	534.6	489.8	475.8	516.8
Saudi Arabia	217	190	61.4	37.0	1.6	2.0	10.1	428.9	420.8	437.4	452.9	436.0
Serbia	213	213	34.7	65.3	0.0	0.0	0.0	514.7	507.3	.	.	.
Singapore	362	359	74.1	25.9	0.0	0.6	0.3	607.5	607.5	.	593.1	585.9
Slovak Republic	269	268	14.1	85.0	0.9	0.3	0.0	522.1	520.7	467.8	564.7	.
Slovenia	269	260	5.6	94.4	0.0	1.2	1.6	527.3	525.4	.	511.4	543.1
South Africa (5)	287	234	45.9	41.4	12.7	0.9	17.9	308.9	314.3	283.2	248.1	311.0
Spain	582	564	21.5	78.3	0.2	0.5	2.0	500.7	504.9	508.4	485.0	512.4
Sweden	250	214	67.6	29.4	3.1	0.6	13.1	537.1	528.2	498.6	529.1	527.4
Turkiye (5)	171	169	90.2	9.8	0.0	0.8	0.0	570.2	569.6	.	572.4	.
United Arab Emirates	1435	1293	70.9	28.8	0.3	0.3	8.5	497.0	491.9	488.7	468.4	489.8
United States	495	473	10.1	89.9	0.0	1.2	3.5	530.4	533.0	.	522.6	527.0
Uzbekistan	168	160	51.9	45.4	2.6	3.5	2.0	412.9	411.8	398.6	402.7	420.6
International Avg. (57)	17865	15772	35.0	60.4	4.5	1.2	9.6	495.8	494.8	472.3	479.6	492.8
Ontario, Canada	286	242	20.9	79.0	0.1	1.7	11.2	522.7	526.8	455.7	556.4	515.6
Quebec, Canada	215	196	3.1	96.9	0.0	0.0	7.1	503.3	507.5	.	.	509.8
Abu Dhabi, UAE	553	504	69.0	30.4	0.6	0.4	7.6	447.9	443.9	516.2	365.2	438.2
Dubai, UAE	359	318	63.1	36.7	0.2	0.0	8.7	567.3	560.1	403.9	.	542.8
Sharjah, UAE	284	251	81.1	18.9	0.0	0.0	10.9	513.3	465.0	.	.	491.7

Question: During your <post-secondary> education, what was your major or main area(s) of study? <language of test>
 Location: TQG-05Ae (ATBG05AE)

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
Albania	123	98	23.7	64.5	11.8	0.8	17.7	486.4	486.6	497.2	411.4	507.0
Armenia	211	196	25.0	71.9	3.2	4.2	1.9	461.0	454.8	479.0	459.8	461.0
Australia	347	259	8.6	91.4	0.0	0.5	26.9	554.3	551.5	.	452.1	545.2
Azerbaijan	271	224	40.0	57.1	2.9	4.5	12.8	432.4	415.2	425.0	409.5	420.6
Bahrain	212	207	9.8	90.2	0.0	2.9	0.0	496.6	471.6	.	505.6	.
Belgium (Flemish)	278	0	.	.	.	.	.	.	.	.	.	.
Belgium (French)	344	295	22.0	76.8	1.2	0.6	13.7	477.3	485.4	456.2	490.7	464.2
Bosnia & Herzegovina	236	180	38.3	61.7	0.0	1.9	20.2	450.8	450.1	.	467.0	438.8
Brazil	1047	1004	45.5	49.2	5.3	1.6	1.5	424.6	425.8	422.0	411.9	439.3
Bulgaria	208	205	5.0	95.0	0.0	0.4	1.0	569.4	527.5	.	570.6	515.0
Canada	917	821	19.5	79.7	0.8	1.1	8.8	525.9	519.2	634.9	544.3	515.3
Chile	178	161	46.5	53.5	0.0	2.0	7.1	479.5	481.2	.	456.7	471.0
Chinese Taipei	238	238	14.6	85.4	0.0	0.0	0.0	569.5	573.1	.	.	.
Cyprus	267	262	13.5	86.5	0.0	1.3	0.8	488.8	485.9	.	543.9	471.0
Czech Republic	344	339	1.3	94.6	4.0	0.3	1.1	541.3	525.2	537.1	523.4	525.8
Denmark	278	219	23.2	69.7	7.1	0.9	19.1	521.4	521.8	525.0	547.6	521.6
England	178	133	16.7	81.0	2.4	0.7	19.9	552.4	559.9	547.7	555.2	548.2
Finland	369	357	3.2	94.8	2.0	0.3	2.6	544.7	542.9	539.0	578.3	505.6
France	306	254	22.7	76.2	1.0	0.6	15.9	488.8	489.6	475.7	491.9	482.2
Georgia	218	214	42.6	56.7	0.7	2.7	0.0	464.4	464.8	492.1	468.7	.
Germany	243	209	63.4	36.0	0.6	0.4	13.5	516.0	513.0	544.1	522.1	517.8
Hong Kong SAR	182	123	32.0	68.0	0.0	0.3	31.0	537.4	544.0	.	519.7	552.9
Hungary	263	218	6.5	93.5	0.0	0.0	15.4	527.4	522.9	.	.	529.8
Iran, Islamic Rep. of	224	223	11.5	83.6	4.9	0.3	0.0	434.6	433.8	404.2	340.0	.
Ireland	232	232	21.0	79.0	0.0	1.8	0.4	527.9	532.6	.	548.3	537.9
Italy	266	263	7.7	40.3	52.0	0.5	0.7	516.6	511.5	509.0	509.9	504.4
Japan	142	137	14.7	85.3	0.0	2.2	1.6	553.9	555.0	.	544.9	568.6
Jordan	224	216	12.9	84.1	3.0	2.1	0.3	426.4	417.6	392.1	416.2	336.1
Kazakhstan	303	282	43.0	53.6	3.4	5.8	1.3	458.3	476.5	406.2	467.1	484.2
Korea, Rep. of	199	182	1.4	98.6	0.0	0.0	7.5	597.3	583.8	.	.	574.2
Kosovo	231	202	39.4	59.2	1.4	2.7	9.5	406.4	406.3	340.2	384.7	386.5
Kuwait	164	159	10.1	89.9	0.0	2.8	0.7	453.6	361.7	.	425.2	495.2
Latvia	213	205	14.2	84.1	1.7	1.0	3.5	532.6	525.0	535.3	517.2	508.8
Lithuania	250	249	23.1	76.1	0.9	0.0	0.5	530.6	537.9	601.7	.	572.4
Macao SAR	275	272	18.9	81.1	0.0	1.0	0.0	533.6	536.6	.	511.4	.
Montenegro	338	321	50.0	50.0	0.0	0.5	4.0	459.0	462.4	.	390.3	469.7
Morocco	303	281	8.0	73.3	18.7	2.5	5.3	409.4	389.1	385.4	450.4	365.7
Netherlands	188	1	0.0	0.0	100.0	0.0	99.8	.	.	539.6	.	516.9
New Zealand	396	217	13.1	86.9	0.0	0.2	44.0	540.3	522.3	.	582.6	506.8
North Macedonia	274	197	34.6	64.0	1.5	3.5	25.2	432.8	448.6	416.4	394.6	433.4
Norway (5)	314	233	35.7	62.8	1.4	0.0	22.4	536.3	529.8	551.4	.	523.6
Oman	287	272	21.9	78.0	0.1	2.8	2.1	441.8	430.5	422.0	419.8	433.7
Poland	267	265	1.3	98.7	0.0	0.3	0.7	528.8	549.8	.	590.6	572.0
Portugal	321	317	37.3	62.7	0.0	0.4	0.8	510.3	510.5	.	553.0	510.7
Qatar	283	276	27.4	72.1	0.5	0.6	2.3	490.7	464.0	405.5	371.4	543.2
Romania	188	146	37.0	59.9	3.1	1.4	22.8	522.2	536.2	489.8	496.5	516.8
Saudi Arabia	217	188	9.4	89.1	1.6	3.0	10.1	404.7	428.7	437.4	426.7	436.0
Serbia	213	213	37.1	62.9	0.0	0.0	0.0	513.4	507.7	.	.	.
Singapore	362	357	40.5	59.5	0.0	1.3	0.3	611.6	604.7	.	604.1	585.9
Slovak Republic	269	268	13.8	85.3	0.9	0.3	0.0	521.0	520.9	467.8	564.7	.
Slovenia	269	260	6.0	94.0	0.0	1.2	1.6	525.7	525.5	.	511.4	543.1
South Africa (5)	287	230	31.4	55.6	13.0	2.1	18.4	282.8	326.5	283.2	348.3	306.6
Spain	582	564	23.3	76.5	0.2	0.6	2.0	500.9	504.9	508.4	486.7	512.4
Sweden	250	214	49.4	47.5	3.1	0.6	13.1	531.7	537.3	498.6	529.1	527.4
Turkiye (5)	171	170	13.4	86.6	0.0	0.3	0.0	577.3	569.1	.	544.4	.
United Arab Emirates	1435	1288	30.1	69.6	0.3	0.5	8.6	487.7	498.8	488.7	509.4	489.2
United States	495	473	9.7	90.3	0.0	1.2	3.5	534.4	532.9	.	498.6	527.0
Uzbekistan	168	160	39.6	57.8	2.6	3.5	2.0	414.3	411.1	398.6	402.7	420.6
International Avg. (57)	17865	15749	23.0	72.5	4.5	1.3	9.6	497.5	494.7	472.3	485.4	492.7
Ontario, Canada	286	242	27.0	72.8	0.1	1.8	11.2	528.5	525.5	455.7	538.3	515.6
Quebec, Canada	215	196	5.4	94.6	0.0	0.0	7.1	498.0	507.9	.	.	509.8
Abu Dhabi, UAE	553	503	37.8	61.5	0.6	0.5	7.6	436.4	452.7	516.2	418.4	438.2
Dubai, UAE	359	318	25.2	74.6	0.2	0.0	8.7	565.1	564.5	403.9	.	542.8
Sharjah, UAE	284	247	29.8	70.2	0.0	0.7	11.2	519.5	497.2	.	582.4	489.4

Question: During your <post-secondary> education, what was your major or main area(s) of study? Other
Location: TQG-05Af (ATBG05Af)

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
Albania	123	98	17.6	70.6	11.8	0.8	17.7	490.2	485.6	497.2	411.4	507.0
Armenia	211	189	25.4	71.3	3.3	7.3	1.9	463.0	454.1	479.0	457.6	461.0
Australia	347	259	26.0	74.0	0.0	0.5	26.9	553.7	551.1	.	452.1	545.2
Azerbaijan	271	220	33.5	63.6	2.9	5.8	12.8	424.4	421.5	425.0	409.9	420.6
Bahrain	212	205	21.2	78.8	0.0	3.5	0.0	487.4	469.6	.	518.3	.
Belgium (Flemish)	278	217	13.8	86.2	0.0	0.0	19.7	495.3	490.6	.	.	477.0
Belgium (French)	344	294	23.2	75.6	1.2	1.0	13.7	477.4	485.5	456.2	487.5	464.2
Bosnia & Herzegovina	236	180	36.0	64.0	0.0	1.9	20.2	448.8	451.2	.	467.0	438.8
Brazil	1047	981	53.6	41.0	5.4	4.2	1.5	432.7	417.5	422.0	400.8	439.3
Bulgaria	208	202	18.9	81.1	0.0	2.0	1.0	544.3	527.9	.	466.9	515.0
Canada	917	810	40.2	59.0	0.8	1.4	8.9	527.1	516.1	634.9	534.9	515.2
Chile	178	158	35.4	64.6	0.0	4.0	7.1	485.3	476.8	.	482.7	471.0
Chinese Taipei	238	229	44.1	55.9	0.0	4.3	0.0	567.4	577.1	.	567.2	.
Cyprus	267	254	16.4	83.6	0.0	4.2	0.8	494.9	485.6	.	487.4	471.0
Czech Republic	344	336	19.9	76.1	4.1	1.2	1.1	524.9	525.3	537.1	535.4	525.8
Denmark	278	220	60.0	32.9	7.1	0.7	19.1	522.9	520.7	525.0	514.5	521.6
England	178	135	42.8	54.8	2.3	0.0	19.9	557.2	559.6	547.7	.	548.2
Finland	369	356	21.8	76.2	2.0	1.9	2.6	537.5	544.1	539.0	567.4	505.6
France	306	252	61.6	37.3	1.1	1.3	16.4	485.3	494.5	475.7	511.1	483.6
Georgia	218	211	34.3	64.9	0.7	3.9	0.0	462.3	466.0	492.1	465.5	.
Germany	243	209	67.5	31.9	0.6	0.4	13.5	511.6	521.9	544.1	522.1	517.8
Hong Kong SAR	182	121	59.6	40.4	0.0	2.7	31.0	541.6	543.4	.	528.8	552.9
Hungary	263	217	28.9	71.1	0.0	0.3	15.4	526.0	521.9	.	556.9	529.8
Iran, Islamic Rep. of	224	223	43.1	52.0	4.9	0.3	0.0	437.1	431.2	404.2	340.0	.
Ireland	239	231	30.2	69.8	0.0	2.4	0.4	527.9	533.9	.	525.0	537.9
Italy	266	261	28.5	19.3	52.2	0.8	0.7	511.9	513.9	509.0	484.3	504.4
Japan	142	138	27.3	72.7	0.0	1.6	1.6	556.7	554.0	.	546.6	568.6
Jordan	224	216	19.8	77.2	3.0	1.3	0.3	428.4	416.3	392.1	413.6	336.1
Kazakhstan	303	279	27.6	68.9	3.4	6.4	1.3	459.3	471.9	406.2	467.6	484.2
Korea, Rep. of	199	182	10.4	89.6	0.0	0.0	7.5	597.9	582.4	.	.	574.2
Kosovo	231	199	27.4	71.2	1.4	3.6	9.5	403.6	407.0	340.2	398.7	386.5
Kuwait	164	152	6.6	93.4	0.0	5.8	0.7	485.8	363.0	.	394.5	495.2
Latvia	213	203	25.9	72.4	1.8	3.2	3.5	522.5	528.8	535.3	492.2	508.8
Lithuania	250	242	13.8	85.3	0.9	2.4	0.5	528.1	537.4	601.7	539.9	572.4
Macao SAR	275	273	46.1	53.9	0.0	1.0	0.0	531.6	540.0	.	503.5	.
Montenegro	338	320	35.1	64.9	0.0	1.4	4.0	464.5	458.6	.	432.7	469.7
Morocco	303	279	41.7	39.6	18.8	2.8	5.3	396.5	386.2	385.4	433.2	365.7
Netherlands	188	120	14.3	85.4	0.4	0.6	32.9	518.6	517.0	539.6	459.2	517.3
New Zealand	396	215	28.7	71.3	0.0	0.6	44.0	530.6	522.4	.	535.9	506.8
North Macedonia	274	195	37.2	61.3	1.5	4.2	25.2	438.8	446.7	416.4	391.2	433.4
Norway (5)	314	232	51.6	46.9	1.4	0.4	22.4	530.8	533.2	551.4	569.3	523.6
Oman	287	274	28.4	71.4	0.1	2.1	2.1	426.9	435.3	422.0	421.6	433.7
Poland	267	266	57.9	42.1	0.0	0.0	0.7	549.3	550.3	.	.	572.0
Portugal	321	310	33.4	66.6	0.0	2.9	0.8	504.4	513.1	.	524.7	510.7
Qatar	283	275	27.7	71.9	0.5	1.2	2.3	493.3	462.6	405.5	442.2	543.2
Romania	188	142	48.1	48.7	3.3	2.9	24.8	537.2	533.0	489.8	481.5	509.9
Saudi Arabia	217	189	26.0	72.5	1.6	2.5	10.1	433.6	424.1	437.4	420.8	436.0
Serbia	213	210	20.7	79.3	0.0	1.1	0.0	525.5	505.3	.	548.7	.
Singapore	362	359	32.2	67.8	0.0	0.6	0.3	609.1	606.2	.	643.8	585.9
Slovak Republic	269	268	22.3	76.8	0.9	0.3	0.0	529.9	518.3	467.8	564.7	.
Slovenia	269	258	4.5	95.5	0.0	1.9	1.6	534.0	525.3	.	510.5	543.1
South Africa (5)	287	225	38.7	48.0	13.3	3.4	18.9	319.0	305.3	283.2	315.5	307.7
Spain	582	560	52.4	47.4	0.2	1.1	2.0	506.3	501.1	508.4	502.7	512.4
Sweden	250	213	44.6	52.3	3.1	1.0	13.1	534.8	535.3	498.6	477.7	527.4
Turkiye (5)	171	169	17.0	83.0	0.0	1.2	0.0	579.1	569.0	.	518.8	.
United Arab Emirates	1435	1277	24.3	75.4	0.3	1.3	8.7	494.6	495.0	488.7	532.2	489.9
United States	495	471	33.2	66.8	0.0	1.4	3.5	530.5	534.3	.	503.3	527.0
Uzbekistan	168	161	34.6	62.8	2.6	2.7	2.0	414.9	411.1	398.6	398.4	420.6
International Avg. (58)	17865	15940	32.1	65.1	2.7	2.1	8.6	499.2	494.4	472.3	483.0	492.3
Ontario, Canada	286	239	58.5	41.4	0.1	2.3	11.2	530.0	520.5	455.7	544.6	515.6
Quebec, Canada	215	192	14.1	85.9	0.0	0.8	7.2	511.1	506.7	.	511.7	509.5
Abu Dhabi, UAE	553	498	28.0	71.3	0.6	0.9	8.0	444.5	446.2	516.2	477.6	442.3
Dubai, UAE	359	313	26.2	73.5	0.3	2.0	8.7	567.5	563.7	403.9	562.4	542.8
Sharjah, UAE	284	246	21.6	78.4	0.0	1.2	11.2	497.9	506.0	.	521.0	489.4

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Mathematics
Location: TQG-05Ba (ATBG05BA)

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
Albania	123	89	24.5	62.8	12.7	6.4	17.7	491.6	481.2	497.2	502.2	507.0
Armenia	211	180	57.0	39.5	3.4	12.0	1.9	453.9	457.4	479.0	464.9	461.0
Australia	347	249	8.8	90.6	0.7	3.3	26.9	550.8	551.3	615.5	537.3	545.2
Azerbaijan	271	218	64.7	32.4	3.0	7.3	12.8	424.5	418.9	425.0	411.7	420.6
Bahrain	212	205	30.2	65.7	4.1	4.4	0.0	462.0	482.5	467.3	460.5	.
Belgium (Flemish)	278	98	10.7	87.4	1.9	43.3	19.7	476.5	493.6	539.6	490.1	477.0
Belgium (French)	344	288	5.3	93.2	1.5	2.6	13.7	480.9	483.4	453.4	497.2	464.2
Bosnia & Herzegovina	236	167	21.8	78.0	0.2	8.5	20.2	447.2	451.6	422.0	452.0	438.8
Brazil	1047	992	9.5	85.1	5.4	3.5	1.5	442.6	422.4	422.0	438.5	439.3
Bulgaria	208	177	7.3	92.7	0.0	13.4	1.0	573.0	530.2	.	507.0	515.0
Canada	917	805	11.1	86.6	2.4	2.0	8.9	528.9	519.3	573.7	523.1	515.0
Chile	178	162	29.7	70.3	0.0	1.5	7.1	474.0	482.9	.	457.9	471.0
Chinese Taipei	238	233	22.8	74.5	2.7	1.9	0.0	569.1	573.6	579.3	568.0	.
Cyprus	267	255	19.3	80.0	0.7	3.7	0.8	490.0	487.1	524.9	464.7	471.0
Czech Republic	344	326	4.9	90.4	4.7	3.7	1.1	526.8	525.4	535.9	522.1	525.8
Denmark	278	216	32.7	44.3	23.1	1.8	19.1	516.8	524.2	527.5	508.7	521.6
England	178	129	9.4	84.5	6.0	3.3	19.9	551.3	558.0	572.6	559.7	548.2
Finland	369	354	7.7	89.7	2.6	1.3	2.6	559.8	541.9	535.8	532.2	505.6
France	306	249	6.2	84.9	8.9	1.5	16.4	466.9	490.1	498.0	474.0	483.4
Georgia	218	214	63.5	34.4	2.1	1.7	0.0	463.5	469.1	460.4	441.6	.
Germany	243	202	51.8	46.9	1.3	3.2	13.5	519.9	512.5	547.9	470.9	517.8
Hong Kong SAR	182	123	40.8	57.9	1.3	0.3	31.0	536.6	544.5	604.6	483.0	552.9
Hungary	263	189	1.8	98.2	0.0	10.3	15.7	530.0	521.0	.	536.4	530.6
Iran, Islamic Rep. of	224	217	36.5	57.0	6.5	3.4	0.0	436.0	431.6	410.0	439.7	.
Ireland	239	228	3.8	93.2	3.0	4.0	0.4	532.5	532.2	524.9	530.1	537.9
Italy	266	261	8.5	35.7	55.8	1.0	0.7	509.2	512.7	509.5	508.2	504.4
Japan	142	137	18.0	80.7	1.3	2.4	1.6	553.4	555.1	559.3	544.2	568.6
Jordan	224	218	26.6	69.9	3.5	1.3	0.3	428.4	413.8	404.0	464.9	336.1
Kazakhstan	303	279	72.3	24.3	3.4	6.2	1.3	461.0	489.5	406.2	469.8	484.2
Korea, Rep. of	199	182	14.1	85.9	0.0	0.0	7.5	597.7	581.7	.	.	574.2
Kosovo	231	195	16.9	81.7	1.4	6.7	9.5	413.7	407.1	340.2	374.5	386.5
Kuwait	164	155	25.9	61.5	12.5	5.3	0.7	359.9	382.0	347.6	382.2	495.2
Latvia	213	202	16.3	78.9	4.8	2.8	3.5	528.2	526.5	512.4	528.9	508.8
Lithuania	250	225	12.5	85.8	1.7	9.2	0.5	534.7	537.1	573.3	530.6	572.4
Macao SAR	275	272	16.0	83.7	0.3	1.6	0.0	526.4	538.3	459.0	514.3	.
Montenegro	338	310	25.0	74.0	1.0	2.8	4.0	463.4	459.5	447.5	457.6	469.7
Morocco	303	263	5.4	48.7	45.9	9.5	5.5	378.0	388.9	396.1	392.8	364.2
Netherlands	188	120	14.1	85.5	0.4	1.7	32.9	516.0	517.6	539.6	487.2	517.3
New Zealand	396	211	6.8	89.3	3.9	1.8	44.0	530.7	523.6	533.0	539.4	506.8
North Macedonia	274	183	15.3	80.9	3.8	8.3	25.2	431.8	441.7	414.4	450.6	433.4
Norway (5)	314	230	42.0	55.1	2.9	1.2	22.7	533.8	531.1	540.4	523.6	523.7
Oman	287	272	53.7	43.4	3.0	2.6	2.1	429.4	437.6	439.2	410.5	433.7
Poland	267	264	7.9	92.1	0.0	0.6	0.7	549.2	549.7	.	553.5	572.0
Portugal	321	313	16.0	83.7	0.4	1.9	0.8	518.0	508.8	541.9	523.8	510.7
Qatar	283	273	16.5	80.4	3.1	1.7	2.3	469.5	471.3	452.9	470.7	543.2
Romania	188	145	36.6	60.3	3.1	0.8	23.1	526.4	532.8	489.8	526.0	516.6
Saudi Arabia	217	190	8.0	89.6	2.4	2.2	10.1	408.5	428.3	438.5	412.7	436.0
Serbia	213	209	3.6	96.4	0.0	2.0	0.0	499.8	510.6	.	494.1	.
Singapore	362	358	47.4	50.1	2.5	0.9	0.3	600.8	612.9	613.6	631.0	585.9
Slovak Republic	269	254	19.3	79.7	1.0	6.0	0.0	525.0	519.4	467.8	529.6	.
Slovenia	269	255	9.1	90.9	0.0	3.4	1.6	528.9	525.3	.	518.0	543.1
South Africa (5)	287	227	34.8	51.7	13.5	3.6	18.2	321.4	308.3	290.2	258.1	307.0
Spain	582	557	12.9	86.8	0.3	1.6	2.0	506.8	504.0	503.3	471.6	512.4
Sweden	250	214	81.2	15.1	3.7	0.6	13.1	533.9	536.1	509.8	529.1	527.4
Turkiye (5)	171	168	6.6	91.4	2.0	1.1	0.0	572.5	569.7	570.5	588.7	.
United Arab Emirates	1435	1277	16.2	80.5	3.3	0.9	8.9	469.2	501.2	487.0	496.2	488.8
United States	495	465	9.3	89.7	1.0	2.7	3.5	534.1	533.1	548.8	506.6	527.0
Uzbekistan	168	156	46.9	50.4	2.7	6.2	2.0	411.1	413.2	398.6	410.0	420.6
International Avg. (58)	17865	15605	23.2	72.0	4.9	4.3	8.6	494.4	495.8	489.2	487.2	492.4
Ontario, Canada	286	237	14.9	81.7	3.4	3.3	11.4	540.0	523.3	541.9	531.1	515.2
Quebec, Canada	215	190	4.7	94.8	0.4	1.1	7.1	499.7	507.8	501.5	502.9	509.8
Abu Dhabi, UAE	553	496	20.6	77.0	2.4	0.7	8.4	407.1	456.6	482.4	400.3	440.0
Dubai, UAE	359	315	17.8	78.4	3.8	1.4	8.7	550.2	569.9	524.8	537.7	542.8
Sharjah, UAE	284	247	8.0	90.5	1.6	0.1	11.4	517.6	502.8	530.3	384.1	491.7

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Science
Location: TQG-05Bb (ATBG05BB)

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
Albania	123	87	20.9	66.0	13.0	8.4	17.7	488.8	482.4	497.2	499.4	507.0
Armenia	211	180	55.0	41.6	3.4	12.0	1.9	460.9	448.0	479.0	464.9	461.0
Australia	347	249	7.6	91.7	0.7	3.3	26.9	544.4	551.9	615.5	537.3	545.2
Azerbaijan	271	214	65.9	31.1	3.0	8.2	12.8	426.1	413.5	425.0	417.6	420.6
Bahrain	212	207	82.0	13.9	4.1	4.0	0.0	472.3	495.8	467.3	466.8	.
Belgium (Flemish)	278	97	9.4	88.7	1.9	43.7	19.7	471.5	494.3	539.6	489.8	477.0
Belgium (French)	344	288	6.3	92.3	1.5	2.6	13.7	470.2	484.2	453.4	497.2	464.2
Bosnia & Herzegovina	236	163	24.0	75.8	0.2	10.6	20.2	451.7	449.3	422.0	456.8	438.8
Brazil	1047	988	10.4	84.2	5.4	3.7	1.5	433.3	423.5	422.0	433.8	439.3
Bulgaria	208	176	12.5	87.5	0.0	14.3	1.0	573.6	529.7	.	497.2	515.0
Canada	917	804	9.6	88.0	2.4	2.0	8.9	532.6	519.1	573.7	523.7	515.0
Chile	178	163	37.8	62.2	0.0	0.6	7.1	484.2	476.9	.	514.9	471.0
Chinese Taipei	238	235	44.4	53.0	2.7	1.2	0.0	576.9	568.8	579.3	566.0	.
Cyprus	267	254	25.3	73.9	0.7	4.0	0.8	493.3	485.8	524.9	467.3	471.0
Czech Republic	344	326	12.3	83.1	4.7	3.7	1.1	531.3	524.7	535.9	522.1	525.8
Denmark	278	216	23.9	53.0	23.1	1.8	19.1	517.6	522.6	527.5	508.7	521.6
England	178	129	8.2	85.8	6.0	3.3	19.9	583.8	554.8	572.6	559.7	548.2
Finland	369	354	5.2	92.2	2.6	1.3	2.6	550.5	543.0	535.8	532.2	505.6
France	306	249	6.6	84.5	8.9	1.5	16.4	478.9	489.2	498.0	474.0	483.4
Georgia	218	214	85.5	12.3	2.1	1.7	0.0	466.0	462.0	460.4	441.6	.
Germany	243	202	57.2	41.5	1.3	3.2	13.5	517.3	515.1	547.9	470.9	517.8
Hong Kong SAR	182	123	36.2	62.5	1.3	0.3	31.0	541.4	541.2	604.6	483.0	552.9
Hungary	263	189	9.1	90.9	0.0	10.3	15.7	507.3	522.6	.	536.4	530.6
Iran, Islamic Rep. of	224	217	34.6	58.9	6.5	3.4	0.0	429.2	435.8	410.0	439.7	.
Ireland	239	228	3.3	93.7	3.0	4.0	0.4	538.0	532.0	524.9	530.1	537.9
Italy	266	261	5.2	38.9	55.8	1.0	0.7	518.2	511.2	509.5	508.2	504.4
Japan	142	137	25.7	73.0	1.3	2.4	1.6	554.4	554.9	559.3	544.2	568.6
Jordan	224	218	74.9	21.7	3.5	1.3	0.3	415.4	425.7	404.0	468.9	336.1
Kazakhstan	303	278	61.2	35.3	3.4	6.8	1.3	456.8	486.6	406.2	475.3	484.2
Korea, Rep. of	199	181	20.0	80.0	0.0	0.8	7.5	590.1	582.3	.	602.4	574.2
Kosovo	231	188	12.1	86.4	1.5	9.5	9.5	409.0	408.2	340.2	383.9	386.5
Kuwait	164	157	70.0	17.6	12.3	3.7	0.7	375.4	375.3	347.6	386.6	495.2
Latvia	213	202	52.7	42.5	4.8	2.8	3.5	520.0	535.2	512.4	528.9	508.8
Lithuania	250	224	15.3	83.0	1.7	10.1	0.5	531.2	538.1	573.3	528.9	572.4
Macao SAR	275	273	26.8	72.9	0.3	1.0	0.0	544.3	533.6	459.0	488.9	.
Montenegro	338	309	22.4	76.6	1.0	2.9	4.0	462.0	460.1	447.5	458.2	469.7
Morocco	303	262	17.9	36.2	45.9	9.5	5.5	387.6	387.9	396.1	392.7	364.2
Netherlands	188	120	7.5	92.2	0.4	1.7	32.9	530.6	516.3	539.6	487.2	517.3
New Zealand	396	260	6.5	89.6	3.9	2.0	44.0	530.6	524.0	533.0	528.4	506.8
North Macedonia	274	173	14.6	81.4	4.0	11.4	25.2	427.3	442.4	414.4	448.0	433.4
Norway (5)	314	230	42.9	54.2	2.9	1.2	22.7	533.7	531.2	540.4	523.6	523.7
Oman	287	272	73.2	23.9	3.0	2.6	2.1	436.3	423.1	439.2	410.5	433.7
Poland	267	266	96.7	3.3	0.0	0.0	0.7	548.9	574.2	.	572.0	.
Portugal	321	313	14.6	85.0	0.4	1.4	0.8	515.4	509.2	541.9	539.7	510.7
Qatar	283	272	65.9	31.0	3.1	1.8	2.3	458.1	498.6	452.9	468.5	543.2
Romania	188	144	40.5	56.4	3.1	1.1	23.1	528.7	531.3	489.8	536.9	516.6
Saudi Arabia	217	191	62.0	35.5	2.4	1.7	10.1	427.9	423.7	438.5	425.2	436.0
Serbia	213	206	4.7	95.3	0.0	2.8	0.0	505.3	510.5	.	497.3	.
Singapore	362	357	63.3	34.2	2.5	1.1	0.3	606.2	608.6	613.6	628.6	585.9
Slovak Republic	269	252	20.9	78.1	1.0	6.6	0.0	522.1	520.1	467.8	528.5	.
Slovenia	269	256	7.6	92.4	0.0	3.3	1.6	525.4	525.7	.	517.3	543.1
South Africa (5)	287	226	51.2	35.2	13.6	4.1	18.2	314.7	311.5	290.2	268.3	307.0
Spain	582	558	16.8	82.9	0.3	1.5	2.0	505.5	504.1	503.3	472.1	512.4
Sweden	250	214	79.1	17.2	3.7	0.6	13.1	536.7	522.7	509.8	529.1	527.4
Turkiye (5)	171	168	86.6	11.4	2.0	1.1	0.0	569.2	574.9	570.5	588.7	.
United Arab Emirates	1435	1277	63.8	32.9	3.3	0.9	8.9	499.6	488.5	487.0	496.2	488.8
United States	495	465	8.2	90.8	1.0	2.7	3.5	532.4	533.3	548.8	506.6	527.0
Uzbekistan	168	154	61.6	35.6	2.7	7.1	2.0	412.7	411.3	398.6	409.8	420.6
International Avg. (58)	17865	15566	34.2	60.9	4.9	4.5	8.6	496.1	495.7	489.2	489.6	492.4
Ontario, Canada	286	236	12.0	84.6	3.4	3.5	11.4	536.4	524.3	541.9	532.0	515.2
Quebec, Canada	215	191	4.5	95.1	0.4	0.9	7.1	495.9	508.0	501.5	494.8	509.8
Abu Dhabi, UAE	553	496	60.9	36.7	2.4	0.7	8.4	454.5	432.5	482.4	400.3	440.0
Dubai, UAE	359	315	57.2	39.0	3.8	1.4	8.7	567.5	564.5	524.8	537.7	542.8
Sharjah, UAE	284	247	74.7	23.7	1.6	0.1	11.4	509.8	485.7	530.3	384.1	491.7

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Language/reading
Location: TQG-05Bc (ATBG05BC)

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
Albania	123	87	26.6	60.4	13.0	8.4	17.7	493.1	479.9	497.2	499.4	507.0
Armenia	211	178	48.3	48.2	3.5	13.1	1.9	454.1	457.2	479.0	462.2	461.0
Australia	347	249	14.6	84.7	0.7	3.3	26.9	569.4	548.2	615.5	537.3	545.2
Azerbaijan	271	215	59.1	37.9	3.0	8.0	12.8	426.2	416.0	425.0	416.0	420.6
Bahrain	212	204	5.6	90.3	4.1	4.9	0.0	469.3	476.4	467.3	463.3	.
Belgium (Flemish)	278	97	8.9	89.2	1.9	43.7	19.7	471.7	494.2	539.6	489.8	477.0
Belgium (French)	344	288	7.8	90.7	1.5	2.6	13.7	482.0	483.4	453.4	497.2	464.2
Bosnia & Herzegovina	236	163	25.7	74.1	0.2	10.5	20.2	451.7	449.7	422.0	455.0	438.8
Brazil	1047	989	23.9	70.7	5.4	3.7	1.5	417.7	427.0	422.0	432.6	439.3
Bulgaria	208	176	4.0	96.0	0.0	14.3	1.0	572.7	533.6	.	497.2	515.0
Canada	917	808	20.3	77.3	2.4	2.0	8.9	527.3	518.6	573.7	525.3	515.0
Chile	178	161	31.9	68.1	0.0	1.9	7.1	475.7	481.8	.	480.9	471.0
Chinese Taipei	238	233	25.4	72.0	2.7	1.9	0.0	575.4	571.5	579.3	568.0	.
Cyprus	267	254	21.2	78.0	0.7	4.0	0.8	493.3	486.3	524.9	463.2	471.0
Czech Republic	344	325	12.2	83.1	4.7	4.0	1.1	531.2	524.6	535.9	524.2	525.8
Denmark	278	216	16.4	60.5	23.1	1.8	19.1	514.2	522.9	527.5	508.7	521.6
England	178	129	7.4	86.6	6.0	3.3	19.9	561.7	557.0	572.6	559.7	548.2
Finland	369	353	13.7	83.7	2.6	1.6	2.6	543.9	543.4	535.8	529.8	505.6
France	306	249	16.2	74.8	8.9	1.5	16.4	495.9	486.9	498.0	474.0	483.4
Georgia	218	213	64.6	33.3	2.2	2.5	0.0	464.2	466.6	460.4	465.9	.
Germany	243	202	69.6	29.1	1.3	3.2	13.5	517.1	514.6	547.9	470.9	517.8
Hong Kong SAR	182	123	52.8	45.9	1.3	0.3	31.0	542.2	540.2	604.6	483.0	552.9
Hungary	263	189	7.2	92.8	0.0	10.3	15.7	534.9	520.1	.	536.4	530.6
Iran, Islamic Rep. of	224	218	35.0	58.5	6.5	2.8	0.0	426.3	437.4	410.0	444.8	.
Ireland	239	228	16.9	80.1	3.0	4.0	0.4	530.3	532.6	524.9	530.1	537.9
Italy	266	261	7.9	36.2	55.8	1.0	0.7	519.2	510.4	509.5	508.2	504.4
Japan	142	137	29.9	68.8	1.3	2.4	1.6	550.4	556.7	559.3	544.2	568.6
Jordan	224	217	9.5	87.1	3.5	1.4	0.3	433.3	416.1	404.0	460.3	336.1
Kazakhstan	303	276	63.4	33.1	3.5	7.3	1.3	462.8	478.0	406.2	471.6	484.2
Korea, Rep. of	199	181	10.8	89.2	0.0	0.6	7.5	586.1	583.9	.	560.3	574.2
Kosovo	231	188	19.3	79.2	1.5	9.5	9.5	409.4	408.0	340.2	383.9	386.5
Kuwait	164	156	4.7	82.9	12.4	4.3	0.7	460.7	370.8	347.6	380.3	495.2
Latvia	213	201	14.8	80.4	4.8	3.6	3.5	527.7	526.0	512.4	539.9	508.8
Lithuania	250	224	14.0	84.3	1.7	10.1	0.5	526.7	538.7	573.3	528.9	572.4
Macao SAR	275	272	26.7	73.0	0.3	1.6	0.0	530.0	538.7	459.0	514.3	.
Montenegro	338	309	26.5	72.5	1.0	2.8	4.0	460.2	460.7	447.5	454.8	469.7
Morocco	303	261	9.6	44.0	46.3	10.3	5.5	389.9	385.6	396.1	398.8	364.2
Netherlands	188	120	11.7	88.0	0.4	1.7	32.9	520.9	516.9	539.6	487.2	517.3
New Zealand	396	209	18.3	77.7	3.9	2.4	44.0	530.8	523.0	533.0	526.4	506.8
North Macedonia	274	174	16.8	79.2	4.0	11.2	25.2	426.0	442.8	414.4	449.1	433.4
Norway (5)	314	229	31.6	65.4	3.0	2.0	22.7	532.4	532.4	540.4	522.4	523.7
Oman	287	270	6.3	90.7	3.0	3.4	2.1	433.6	433.4	439.2	406.6	433.7
Poland	267	264	0.4	99.6	0.0	0.6	0.7	518.3	549.8	.	553.5	572.0
Portugal	321	313	19.1	80.5	0.4	1.4	0.8	505.6	511.1	541.9	539.7	510.7
Qatar	283	272	22.2	74.7	3.1	1.8	2.3	499.0	462.7	452.9	468.5	543.2
Romania	188	145	46.3	50.6	3.1	0.8	23.1	525.3	534.4	489.8	555.3	516.6
Saudi Arabia	217	190	6.5	91.1	2.4	2.2	10.1	406.7	428.1	438.5	412.7	436.0
Serbia	213	206	6.6	93.4	0.0	2.8	0.0	501.1	510.9	.	497.3	.
Singapore	362	358	37.9	59.6	2.5	0.9	0.3	607.3	606.9	613.6	631.0	585.9
Slovak Republic	269	251	19.7	79.3	1.0	6.8	0.0	525.1	519.3	467.8	529.2	.
Slovenia	269	256	7.3	92.7	0.0	3.3	1.6	519.9	526.1	.	517.3	543.1
South Africa (5)	287	226	34.5	51.9	13.6	4.9	17.4	297.0	324.3	290.2	270.1	308.1
Spain	582	557	21.7	77.9	0.3	1.6	2.0	501.5	505.2	503.3	471.6	512.4
Sweden	250	213	53.8	42.5	3.7	0.8	13.1	533.2	535.4	509.8	536.6	527.4
Turkiye (5)	171	168	5.1	92.9	2.0	1.1	0.0	577.7	569.5	570.5	588.7	.
United Arab Emirates	1435	1275	19.3	77.4	3.3	1.3	8.9	475.2	500.7	487.0	509.5	488.8
United States	495	464	21.6	77.4	1.0	2.9	3.5	543.5	530.4	548.8	506.7	527.0
Uzbekistan	168	152	45.6	51.6	2.8	8.4	2.0	412.3	411.8	398.6	412.1	420.6
International Avg. (58)	17865	15542	22.8	72.3	4.9	4.7	8.6	496.4	495.2	489.2	490.5	492.4
Ontario, Canada	286	238	19.8	76.8	3.4	3.1	11.4	530.6	524.6	541.9	531.5	515.2
Quebec, Canada	215	189	11.8	87.8	0.4	1.5	7.1	510.9	506.8	501.5	509.3	509.8
Abu Dhabi, UAE	553	495	27.5	70.1	2.4	1.2	8.4	429.4	452.5	482.4	434.1	440.0
Dubai, UAE	359	314	17.0	79.1	3.8	2.2	8.7	555.0	568.5	524.8	554.3	542.8
Sharjah, UAE	284	247	14.8	83.6	1.6	0.1	11.4	514.8	502.1	530.3	384.1	491.7

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Other subject
Location: TQG-05Bd (ATBG05BD)

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
Albania	123	91	23.4	64.1	12.4	5.0	17.7	490.7	484.3	497.2	481.9	507.0
Armenia	211	179	49.3	47.3	3.5	12.5	1.9	453.2	457.2	479.0	465.6	461.0
Australia	347	251	29.5	69.9	0.7	2.6	26.9	550.2	552.1	615.5	527.0	545.2
Azerbaijan	271	214	44.5	52.5	3.0	8.5	12.8	419.4	424.6	425.0	416.6	420.6
Bahrain	212	205	15.4	80.6	4.1	4.4	0.0	492.0	473.0	467.3	460.5	.
Belgium (Flemish)	278	96	25.3	72.8	1.9	44.1	19.7	483.1	494.9	539.6	490.0	477.0
Belgium (French)	344	289	12.4	86.1	1.5	2.2	13.7	487.3	482.9	453.4	492.5	464.2
Bosnia & Herzegovina	236	167	36.3	63.5	0.2	9.0	20.2	446.7	453.3	422.0	450.1	438.8
Brazil	1047	988	53.3	41.3	5.3	2.6	1.5	429.6	420.7	422.0	399.2	439.3
Bulgaria	208	177	42.4	57.6	0.0	14.4	1.0	540.4	529.1	.	505.4	515.0
Canada	917	808	29.9	67.7	2.4	1.9	8.9	524.9	518.5	573.7	523.5	515.0
Chile	178	161	32.0	68.0	0.0	2.0	7.1	476.2	482.4	.	456.7	471.0
Chinese Taipei	238	229	43.7	53.5	2.8	4.1	0.0	572.2	572.3	579.3	576.0	.
Cyprus	267	255	27.7	71.6	0.7	3.7	0.8	484.5	489.1	524.9	462.3	471.0
Czech Republic	344	328	40.2	55.2	4.7	3.5	1.1	525.3	524.9	535.9	532.8	525.8
Denmark	278	215	46.6	29.7	23.6	2.1	19.1	519.2	525.3	526.6	503.0	521.6
England	178	132	29.8	64.2	5.9	2.3	19.9	553.2	559.5	572.6	555.4	548.2
Finland	369	355	71.2	26.2	2.6	1.2	2.6	544.8	539.4	535.8	532.5	505.6
France	306	248	25.2	65.7	9.1	2.2	16.9	483.7	488.7	498.0	507.9	484.8
Georgia	218	212	30.0	67.8	2.2	2.9	0.0	467.4	463.9	460.4	467.7	.
Germany	243	202	94.7	4.0	1.3	3.2	13.5	516.9	505.1	547.9	470.9	517.8
Hong Kong SAR	182	123	37.8	60.9	1.3	0.3	31.0	544.8	539.0	604.6	483.0	552.9
Hungary	263	189	30.6	69.4	0.0	10.3	15.7	526.6	518.8	.	536.4	530.6
Iran, Islamic Rep. of	224	218	60.9	32.6	6.5	2.9	0.0	432.2	435.3	410.0	443.2	.
Ireland	239	228	45.0	52.0	3.0	4.1	0.4	529.7	534.5	524.9	527.5	537.9
Italy	266	263	20.7	23.9	55.5	0.3	0.7	510.0	513.8	509.5	491.5	504.4
Japan	142	137	54.6	44.1	1.3	2.4	1.6	556.1	553.2	559.3	544.2	568.6
Jordan	224	217	21.8	74.7	3.4	0.7	0.3	428.6	415.0	404.0	468.6	336.1
Kazakhstan	303	276	51.8	44.7	3.5	7.3	1.3	464.8	471.7	406.2	471.9	484.2
Korea, Rep. of	199	182	66.1	33.9	0.0	0.0	7.5	583.8	584.3	.	574.2	.
Kosovo	231	183	18.6	79.9	1.5	11.2	9.5	397.7	409.7	340.2	394.1	386.5
Kuwait	164	155	3.9	83.5	12.5	4.9	0.7	451.6	371.9	347.6	382.1	495.2
Latvia	213	203	41.3	54.0	4.8	2.5	3.5	529.1	524.0	512.4	548.3	508.8
Lithuania	250	227	40.5	57.8	1.7	8.6	0.5	531.8	541.1	573.3	525.1	572.4
Macao SAR	275	274	43.7	56.0	0.3	0.6	0.0	526.5	543.3	459.0	554.5	.
Montenegro	338	312	24.3	74.7	1.0	2.3	4.0	459.2	462.1	447.5	422.8	469.7
Morocco	303	262	26.9	27.0	46.1	9.8	5.5	380.9	395.3	396.1	391.4	364.2
Netherlands	188	120	57.1	42.6	0.4	1.7	32.9	519.1	515.1	539.6	487.2	517.3
New Zealand	396	205	25.9	70.1	4.0	3.2	44.0	522.0	524.9	533.0	531.9	506.8
North Macedonia	274	180	27.3	68.9	3.9	9.2	25.2	416.7	450.2	414.4	445.3	433.4
Norway (5)	314	231	54.5	42.6	2.9	0.6	22.7	533.4	530.4	540.4	540.1	523.7
Oman	287	272	19.3	77.7	3.0	2.5	2.1	429.1	433.7	439.2	419.1	433.7
Poland	267	264	64.9	35.1	0.0	0.6	0.7	548.6	551.7	.	553.5	572.0
Portugal	321	311	39.4	60.2	0.4	2.1	0.8	507.0	511.6	541.9	543.9	510.7
Qatar	283	272	23.5	73.4	3.1	1.6	2.3	509.5	459.5	452.9	436.2	543.2
Romania	188	146	62.4	34.5	3.1	0.8	22.8	534.5	521.7	489.8	555.3	516.8
Saudi Arabia	217	191	29.5	68.1	2.4	1.7	10.1	436.7	421.9	438.5	425.2	436.0
Serbia	213	205	9.5	90.5	0.0	3.1	0.0	516.4	509.6	.	498.7	.
Singapore	362	358	17.4	80.1	2.5	0.8	0.3	609.6	606.8	613.6	598.9	585.9
Slovak Republic	269	255	45.5	53.5	1.0	5.4	0.0	526.0	516.7	467.8	523.1	.
Slovenia	269	257	9.9	90.1	0.0	2.6	1.6	526.7	525.5	.	515.1	543.1
South Africa (5)	287	223	41.2	45.0	13.8	4.3	19.1	311.0	317.9	290.2	251.5	307.1
Spain	582	559	71.5	28.2	0.3	1.3	2.0	502.4	508.7	503.3	484.3	512.4
Sweden	250	214	53.6	42.7	3.7	0.6	13.1	534.8	533.4	509.8	529.1	527.4
Turkiye (5)	171	169	7.6	90.4	2.0	0.9	0.0	585.5	568.6	570.5	590.4	.
United Arab Emirates	1435	1274	23.8	72.9	3.3	1.0	8.9	498.0	495.0	487.0	504.4	488.8
United States	495	467	27.0	72.0	1.0	2.3	3.5	532.7	533.0	548.8	513.1	527.0
Uzbekistan	168	155	46.1	51.2	2.7	6.1	2.0	411.0	411.2	398.6	425.6	420.6
International Avg. (58)	17865	15579	37.0	58.1	4.9	4.4	8.6	497.0	494.9	489.2	488.3	492.4
Ontario, Canada	286	238	38.0	58.6	3.4	3.3	11.4	527.7	524.5	541.9	532.7	515.2
Quebec, Canada	215	191	8.5	91.1	0.4	0.8	7.1	519.0	506.5	501.5	487.0	509.8
Abu Dhabi, UAE	553	495	22.1	75.5	2.4	1.2	8.4	440.2	447.7	482.4	434.1	440.0
Dubai, UAE	359	313	31.6	64.6	3.8	1.3	8.7	564.2	566.4	524.8	571.8	542.8
Sharjah, UAE	284	247	20.5	77.9	1.6	0.1	11.4	472.4	512.3	530.3	384.1	491.7

Question: How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals
Location: TQG-06a (ATBG06A)

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
Albania	123	98	50.8	41.5	7.7	0.0	0.0	0.9	17.7	496.0	477.2	482.0	.	.	484.4	507.0
Armenia	211	201	33.5	61.0	5.5	0.0	0.0	1.2	1.9	456.6	456.7	461.8	.	.	479.6	461.0
Australia	347	259	31.5	57.5	9.2	1.7	0.0	0.0	26.9	549.7	555.5	529.5	545.5	.	534.6	545.2
Azerbaijan	271	225	39.7	41.9	18.0	0.4	0.0	4.2	12.8	419.9	424.8	420.3	454.8	.	413.7	420.6
Bahrain	212	211	64.7	30.6	4.7	0.0	0.0	0.9	0.0	479.1	469.5	452.5	.	.	486.7	.
Belgium (Flemish)	278	217	9.6	59.8	27.1	3.2	0.3	0.0	19.7	481.6	493.8	489.1	491.5	502.9	.	477.0
Belgium (French)	344	294	32.2	55.0	11.0	1.0	0.8	0.8	13.7	480.5	485.8	480.8	511.9	430.9	477.0	464.2
Bosnia & Herzegovina	236	182	31.0	46.3	22.5	0.2	0.0	1.2	20.2	444.5	451.3	456.4	422.0	.	480.5	438.8
Brazil	1047	1006	27.5	50.2	21.3	0.8	0.2	1.7	1.5	446.3	425.3	399.6	387.9	293.7	412.6	439.3
Bulgaria	208	203	46.6	44.2	8.5	0.7	0.0	1.8	1.0	546.0	520.2	500.6	395.1	.	536.5	515.0
Canada	917	822	36.6	54.8	7.7	0.7	0.2	1.3	8.8	533.5	514.7	513.3	539.3	522.1	522.9	515.3
Chile	178	164	27.3	61.1	10.7	0.9	0.0	0.0	7.1	494.6	476.9	463.8	423.6	.	.	471.0
Chinese Taipei	238	238	29.6	60.7	9.2	0.5	0.0	0.0	0.0	579.3	569.1	574.7	567.4	.	.	.
Cyprus	267	265	49.9	44.4	5.1	0.6	0.0	0.0	0.8	492.9	483.6	463.5	465.8	.	.	471.0
Czech Republic	344	340	17.4	64.6	17.6	0.4	0.0	0.0	1.1	527.1	526.6	522.4	507.5	.	.	525.8
Denmark	278	217	15.3	62.2	19.8	2.2	0.5	2.0	19.1	536.1	520.8	519.2	505.2	497.4	517.5	521.6
England	178	132	44.2	48.4	7.5	0.0	0.0	0.9	20.3	564.0	557.3	537.5	.	.	527.7	548.0
Finland	369	357	21.8	66.3	12.0	0.0	0.0	0.4	2.6	538.3	545.9	536.3	.	.	526.8	505.6
France	306	251	17.8	69.3	12.9	0.0	0.0	1.6	15.9	486.8	488.9	491.0	.	.	512.5	482.2
Georgia	218	217	27.6	63.4	8.8	0.2	0.0	0.4	0.0	462.4	465.1	471.6	493.9	.	461.5	.
Germany	243	209	15.9	66.6	16.2	1.3	0.0	0.3	13.5	522.3	517.3	500.0	500.4	.	529.7	517.8
Hong Kong SAR	182	124	12.9	72.9	14.2	0.0	0.0	0.0	31.0	587.7	535.2	534.3	.	.	.	552.9
Hungary	263	218	32.8	57.2	10.0	0.0	0.0	0.0	15.4	528.1	518.8	532.6	.	.	.	529.8
Iran, Islamic Rep. of	224	222	46.2	41.7	11.1	1.0	0.0	0.9	0.0	432.6	432.2	428.2	448.4	.	431.9	.
Ireland	239	237	43.7	50.4	5.9	0.0	0.0	0.5	0.4	538.8	526.7	526.4	.	.	511.7	537.9
Italy	266	264	17.9	38.4	41.1	2.3	0.3	0.0	0.7	506.1	509.0	512.9	538.2	446.9	.	504.4
Japan	142	137	12.4	48.4	37.1	2.0	0.0	2.2	1.6	559.8	556.4	552.4	522.1	.	553.9	568.6
Jordan	224	222	46.1	43.8	10.0	0.0	0.0	0.6	0.3	432.3	402.1	419.7	432.6	.	440.3	336.1
Kazakhstan	303	283	43.8	51.6	4.3	0.3	0.0	5.2	1.3	457.2	471.2	476.7	538.6	.	479.9	484.2
Korea, Rep. of	199	182	52.6	39.8	7.6	0.0	0.0	0.0	7.5	588.5	578.0	584.5	.	.	.	574.2
Kosovo	231	203	31.4	51.4	17.2	0.0	0.0	3.3	9.5	413.0	401.6	413.0	.	.	345.6	386.5
Kuwait	164	162	42.3	44.8	12.9	0.0	0.0	0.7	0.7	388.3	361.3	366.7	.	.	238.4	495.2
Latvia	213	207	26.5	62.1	11.4	0.0	0.0	0.0	3.5	529.0	525.5	522.9	.	.	.	508.8
Lithuania	250	249	56.1	39.7	3.8	0.4	0.0	0.0	0.5	540.5	532.5	522.9	566.3	.	.	572.4
Macao SAR	275	275	17.7	67.2	15.2	0.0	0.0	0.0	0.0	548.5	536.6	517.5	.	.	.	.
Montenegro	338	321	40.9	52.0	7.0	0.0	0.0	0.2	4.0	458.7	461.6	460.6	400.6	.	439.8	469.7
Morocco	303	288	30.4	56.0	13.3	0.3	0.0	0.4	5.3	407.4	392.1	357.6	347.7	.	295.5	365.7
Netherlands	188	120	2.6	59.5	36.1	1.8	0.0	0.7	32.9	491.4	518.7	515.2	544.4	.	472.3	517.3
New Zealand	396	216	19.7	60.5	19.4	0.4	0.0	0.5	44.0	523.5	523.5	529.8	552.0	.	529.4	506.8
North Macedonia	374	203	37.9	46.5	15.6	0.0	0.0	1.1	25.2	446.8	445.4	414.1	.	.	397.1	433.4
Norway (5)	214	231	12.1	69.8	18.2	0.0	0.0	0.8	22.4	532.8	534.0	525.0	.	.	552.3	523.6
Oman	287	279	56.6	37.7	5.6	0.0	0.0	0.6	2.1	435.2	428.9	422.2	.	.	519.8	433.7
Poland	267	264	36.1	57.8	6.1	0.0	0.0	0.7	0.7	547.1	551.6	548.8	.	.	528.2	572.0
Portugal	321	317	37.0	53.2	9.8	0.0	0.0	0.4	0.8	514.2	508.1	509.3	.	.	554.0	510.7
Qatar	283	279	68.3	27.8	3.6	0.0	0.3	0.0	2.3	465.7	479.7	482.0	.	555.3	.	543.2
Romania	188	151	73.6	24.9	1.5	0.0	0.0	0.0	20.5	525.4	534.1	542.3	.	.	.	520.0
Saudi Arabia	217	191	62.1	33.5	3.3	0.5	0.6	1.6	10.1	427.9	422.4	446.8	424.1	396.4	435.5	436.0
Serbia	213	213	48.3	47.9	3.8	0.0	0.0	0.0	0.0	510.7	508.8	512.4	.	.	.	.
Singapore	362	360	19.8	70.8	9.1	0.3	0.0	0.2	0.3	612.7	606.9	601.5	589.4	.	567.8	585.9
Slovak Republic	269	269	27.4	59.1	13.6	0.0	0.0	0.0	0.0	521.5	521.4	515.1	.	.	.	.
Slovenia	269	262	23.9	61.9	13.7	0.4	0.0	0.0	1.6	533.1	523.2	521.4	534.6	.	.	543.1
South Africa (5)	287	235	24.8	59.2	15.1	0.9	0.0	1.3	17.4	359.2	302.5	258.5	217.9	.	223.4	308.1
Spain	582	566	23.2	62.9	13.4	0.5	0.0	0.3	2.0	505.2	502.3	509.0	517.6	.	480.0	512.4
Sweden	250	213	44.1	47.4	8.6	0.0	0.0	1.0	13.1	535.4	530.4	546.1	.	.	477.7	527.4
Turkiye (5)	171	169	39.7	54.7	5.7	0.0	0.0	0.9	0.0	577.8	567.4	537.6	.	.	601.4	.
United Arab Emirates	1435	1292	56.1	37.8	5.8	0.3	0.0	0.4	8.5	504.1	484.7	476.5	449.7	496.1	582.2	490.0
United States	495	476	37.8	49.8	11.2	1.2	0.0	0.4	3.5	535.8	535.1	514.9	498.0	.	528.7	527.0
Uzbekistan	168	159	25.1	59.8	15.1	0.0	0.0	3.9	2.0	412.3	411.9	415.4	.	.	392.0	420.6
International Avg. (58)	17865	16167	34.5	52.6	12.4	0.5	0.1	0.8	8.5	499.5	493.2	488.6	479.2	460.2	475.2	492.5
Ontario, Canada	286	242	39.4	49.0	9.6	1.6	0.5	2.5	11.2	535.8	520.0	519.2	539.6	523.6	527.4	515.6
Quebec, Canada	215	195	27.4	65.4	7.2	0.0	0.0	0.4	7.1	513.1	505.2	504.2	.	.	521.1	509.8
Abu Dhabi, UAE	553	501	49.0	42.9	7.8	0.3	0.0	0.4	7.7	451.4	445.1	422.4	432.4	.	516.2	439.2
Dubai, UAE	359	318	55.0	37.8	6.5	0.6	0.2	0.0	8.7	574.6	551.4	562.5	459.2	496.1	.	542.8
Sharjah, UAE	284	250	67.6	28.7	3.8	0.0	0.0	0.9	10.9	512.2	483.1	477.0	.	.	659.8	491.7

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 (ATBG06B)

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
Albania	123	98	58.1	34.9	7.0	0.0	0.0	0.9	17.7	490.6	479.8	494.3	.	.	484.4	507.0
Armenia	211	201	32.8	65.4	1.8	0.0	0.0	1.3	1.9	461.2	455.3	457.5	.	.	451.4	461.0
Australia	347	259	25.0	59.8	13.0	2.2	0.0	0.0	26.9	555.8	555.0	525.7	541.7	.	534.6	545.2
Azerbaijan	271	222	28.9	48.3	22.4	0.4	0.0	5.0	12.8	429.1	419.6	419.8	454.8	.	408.7	420.6
Bahrain	212	211	56.6	39.8	3.6	0.0	0.0	0.9	0.0	482.5	466.1	452.2	.	.	486.7	.
Belgium (Flemish)	278	215	8.2	67.7	23.1	1.0	0.0	0.8	19.7	502.9	494.4	478.1	445.3	.	535.3	477.0
Belgium (French)	344	294	28.0	58.2	12.0	1.0	0.8	0.8	13.7	479.0	484.5	488.9	511.9	430.9	477.0	464.2
Bosnia & Herzegovina	236	182	24.1	56.8	18.3	0.8	0.0	1.2	20.2	445.4	451.1	454.4	446.9	.	480.5	438.8
Brazil	1047	1002	20.9	51.2	25.7	2.0	0.2	1.9	1.5	449.1	423.9	411.8	378.7	402.1	410.6	439.3
Bulgaria	208	203	34.1	47.2	18.0	0.8	0.0	1.8	1.0	546.2	541.3	472.5	405.9	.	536.5	515.0
Canada	917	821	26.9	58.3	13.5	0.7	0.5	1.3	8.8	532.3	517.8	516.8	515.0	549.8	520.6	515.3
Chile	178	164	17.1	57.4	24.4	1.0	0.0	0.0	7.1	496.6	480.2	470.5	405.4	.	.	471.0
Chinese Taipei	238	237	19.5	62.9	17.0	0.5	0.0	0.5	0.0	580.0	572.9	563.4	567.4	.	562.5	.
Cyprus	267	264	32.4	53.7	12.8	1.2	0.0	0.2	0.8	497.5	489.4	456.9	417.0	.	542.3	471.0
Czech Republic	344	339	12.1	62.8	24.7	0.4	0.0	0.2	1.1	520.2	528.8	521.3	513.5	.	536.4	525.8
Denmark	278	216	7.1	59.7	30.4	2.9	0.0	2.4	19.1	535.7	520.8	521.9	526.9	.	518.8	521.6
England	178	132	31.0	55.6	12.8	0.5	0.0	0.9	20.3	564.9	558.2	545.5	587.8	.	527.7	548.0
Finland	369	356	13.3	69.4	16.3	1.0	0.0	0.8	2.6	541.7	544.9	541.1	484.1	.	513.4	505.6
France	306	251	12.2	64.0	21.8	2.0	0.0	1.6	15.9	497.8	490.7	482.0	448.9	.	512.5	482.2
Georgia	218	214	23.4	61.7	14.3	0.5	0.0	2.6	0.0	468.8	461.4	469.8	482.0	.	484.5	.
Germany	243	209	8.4	55.1	34.2	2.4	0.0	0.3	13.5	517.7	519.8	510.4	464.9	.	529.7	517.8
Hong Kong SAR	182	124	9.9	72.1	17.4	0.6	0.0	0.0	31.0	583.7	540.5	523.4	539.1	.	.	552.9
Hungary	263	218	15.0	60.6	24.4	0.0	0.0	0.0	15.4	531.2	525.2	513.3	.	.	.	529.8
Iran, Islamic Rep. of	224	222	43.6	44.5	10.1	1.2	0.5	0.9	0.0	439.5	426.6	429.8	442.0	303.1	431.9	.
Ireland	239	235	33.2	57.3	9.5	0.0	0.0	1.6	0.4	537.7	530.6	522.8	.	.	512.0	537.9
Italy	266	263	6.2	47.7	44.8	1.3	0.0	0.4	0.7	522.0	508.7	511.8	492.9	.	488.0	504.4
Japan	142	137	10.7	52.3	34.3	2.7	0.0	2.2	1.6	552.7	554.6	556.8	535.4	.	553.9	568.6
Jordan	224	222	44.9	38.8	16.2	0.0	0.0	0.6	0.3	432.2	398.2	424.9	.	.	440.3	336.1
Kazakhstan	303	281	30.9	61.0	7.7	0.3	0.0	6.0	1.3	450.7	470.4	472.9	538.6	.	490.8	484.2
Korea, Rep. of	199	182	54.1	38.0	7.9	0.0	0.0	0.0	7.5	587.6	578.9	584.0	.	.	.	574.2
Kosovo	231	201	30.6	44.0	25.4	0.0	0.0	3.6	9.5	415.0	401.9	407.8	.	.	342.7	386.5
Kuwait	164	163	47.9	46.0	6.1	0.0	0.0	0.0	0.7	384.7	358.4	383.0	.	.	495.2	.
Latvia	213	207	12.8	75.4	11.8	0.0	0.0	0.0	3.5	519.6	527.9	522.1	.	.	.	508.8
Lithuania	250	248	31.8	62.5	5.7	0.0	0.0	0.2	0.5	543.4	533.4	537.5	.	.	512.5	572.4
Macao SAR	275	275	9.8	69.9	19.8	0.5	0.0	0.0	0.0	543.7	540.6	514.9	539.9	.	.	.
Montenegro	338	321	29.5	61.7	8.8	0.0	0.0	0.2	4.0	456.0	463.4	453.5	400.6	.	439.8	469.7
Morocco	303	289	16.9	60.5	21.9	0.6	0.0	0.0	5.3	427.6	395.1	355.3	346.7	.	.	365.7
Netherlands	188	120	5.9	51.9	41.2	1.0	0.0	0.7	32.9	498.3	524.9	510.6	504.8	.	472.3	517.3
New Zealand	396	216	15.3	61.8	21.7	1.3	0.0	0.5	44.0	521.7	530.4	511.7	516.3	.	529.4	506.8
North Macedonia	274	202	34.7	50.0	14.6	0.8	0.0	1.5	25.2	451.9	441.5	418.0	355.3	.	410.1	433.4
Norway (5)	314	229	7.3	56.6	33.8	2.3	0.0	1.4	22.4	539.3	534.8	527.2	522.3	.	540.6	523.6
Oman	287	279	42.6	52.2	4.7	0.6	0.0	0.6	2.1	439.8	425.9	446.6	307.1	.	519.8	433.7
Poland	267	263	35.7	59.1	4.9	0.3	0.0	0.9	0.7	551.6	548.4	552.6	563.2	.	536.9	572.0
Portugal	321	316	22.5	67.3	10.0	0.2	0.0	0.7	0.8	517.7	512.0	487.7	412.5	.	502.6	510.7
Qatar	283	278	59.4	34.0	6.1	0.5	0.0	0.6	2.3	465.1	475.7	499.5	443.2	.	432.5	543.2
Romania	188	151	56.2	40.9	2.9	0.0	0.0	0.0	20.5	524.9	531.3	535.8	.	.	.	520.0
Saudi Arabia	217	189	63.1	30.4	5.5	0.5	0.6	2.5	10.1	429.9	420.8	424.5	424.1	396.4	427.0	436.0
Serbia	213	213	32.7	61.2	6.2	0.0	0.0	0.0	0.0	519.1	506.9	490.6	.	.	.	.
Singapore	362	361	14.0	73.6	11.8	0.5	0.0	0.0	0.3	611.4	608.0	600.6	575.0	.	.	585.9
Slovak Republic	269	267	17.8	60.3	20.5	1.0	0.4	0.7	0.0	513.5	526.3	511.6	454.7	598.2	530.9	.
Slovenia	269	262	21.6	64.3	14.1	0.0	0.0	0.0	1.6	527.5	525.1	523.3	.	.	.	543.1
South Africa (5)	287	235	24.8	59.1	16.1	0.0	0.0	1.3	17.4	359.1	297.6	274.7	.	.	223.4	308.1
Spain	582	565	18.2	60.2	19.8	1.7	0.0	0.6	2.0	515.0	502.6	499.2	487.8	.	497.7	512.4
Sweden	250	213	25.1	62.6	12.3	0.0	0.0	1.0	13.1	541.2	528.2	548.5	.	.	477.7	527.4
Türkiye (5)	171	169	34.2	57.0	8.9	0.0	0.0	0.9	0.0	582.4	566.1	545.2	.	.	601.4	.
United Arab Emirates	1435	1291	49.3	43.5	6.6	0.5	0.1	0.4	8.5	509.8	486.3	447.7	416.7	495.9	574.0	490.0
United States	495	476	24.4	54.3	19.7	1.6	0.0	0.4	3.5	544.3	536.1	511.5	496.9	.	528.7	527.0
Uzbekistan	168	160	11.3	59.1	29.6	0.0	0.0	3.2	2.0	415.2	414.7	407.2	.	.	387.2	420.6
International Avg. (58)	17865	16133	27.0	55.9	16.4	0.7	0.1	1.0	8.5	501.7	494.0	486.9	472.8	453.8	488.2	492.5
Ontario, Canada	286	243	24.1	58.2	15.3	1.2	1.2	2.3	11.2	533.9	525.0	518.0	529.4	549.8	527.6	515.6
Quebec, Canada	215	194	28.4	61.0	10.0	0.6	0.0	0.8	7.1	512.7	505.4	505.7	478.1	.	510.3	509.8
Abu Dhabi, UAE	553	501	39.3	50.2	9.6	0.9	0.0	0.4	7.7	462.6	445.7	383.6	445.8	.	516.2	439.2
Dubai, UAE	359	317	50.1	41.4	8.0	0.2	0.3	0.2	8.7	575.9	557.8	533.2	379.3	491.6	528.2	542.8
Sharjah, UAE	284	250	61.7	34.8	3.3	0.0	0.2	0.9	10.9	509.2	493.3	475.8	.	506.0	659.8	491.7

Question: How would you characterize each of the following within your school? Teachers' expectations for student achievement
Location: TQG-06c (ATBG06C)

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
Albania	123	98	35.2	42.1	22.7	0.0	0.0	0.9	17.7	500.6	486.2	467.8	.	.	484.4	507.0
Armenia	211	203	16.7	66.3	17.1	0.0	0.0	0.5	1.9	459.8	455.6	461.6	.	.	434.2	461.0
Australia	347	259	37.8	48.7	10.4	3.0	0.1	0.0	26.9	560.4	550.9	528.0	517.4	564.8	534.6	545.2
Azerbaijan	271	224	17.6	59.4	21.4	1.1	0.5	4.8	12.8	417.7	423.3	425.2	409.6	378.6	411.7	420.6
Bahrain	212	211	45.0	40.9	12.7	1.5	0.0	0.9	0.0	488.3	469.9	444.6	463.7	.	486.7	.
Belgium (Flemish)	278	214	7.9	59.2	29.5	3.4	0.0	1.3	19.7	497.3	495.5	488.6	421.0	.	506.0	477.0
Belgium (French)	344	293	34.1	56.7	8.8	0.0	0.4	0.9	13.7	487.3	483.2	468.4	.	466.2	485.8	464.2
Bosnia & Herzegovina	236	182	12.5	50.3	36.6	0.6	0.0	1.2	20.2	436.7	455.0	448.3	458.8	.	480.5	438.8
Brazil	1047	1008	29.2	48.3	19.6	2.9	0.0	1.5	1.5	428.9	432.9	403.3	400.3	.	413.9	439.3
Bulgaria	208	203	23.2	58.1	17.3	1.5	0.0	1.8	1.0	552.4	546.7	452.7	400.5	.	536.5	515.0
Canada	917	821	31.5	51.7	15.5	1.2	0.1	1.5	8.8	530.4	519.1	513.7	512.5	528.5	518.3	515.3
Chile	178	164	36.9	47.4	15.7	0.0	0.0	0.0	7.1	484.0	479.1	472.6	.	.	471.0	471.0
Chinese Taipei	238	237	20.6	58.6	20.2	0.5	0.0	0.6	0.0	580.3	572.0	566.3	567.4	.	586.9	.
Cyprus	267	265	27.8	47.7	22.2	1.8	0.5	0.0	0.8	501.4	494.1	462.8	410.0	389.0	.	471.0
Czech Republic	344	340	4.6	48.5	43.9	3.0	0.0	0.0	1.1	521.1	529.8	524.1	495.5	.	525.8	525.8
Denmark	278	216	9.8	63.3	25.9	1.0	0.0	2.4	19.1	538.2	523.2	513.4	524.7	.	525.6	521.6
England	178	132	49.3	40.7	10.0	0.0	0.0	0.9	20.3	565.4	553.1	549.2	.	.	527.7	548.0
Finland	369	356	7.8	61.1	30.5	0.5	0.0	0.8	2.6	564.1	546.0	532.9	512.6	.	513.4	505.6
France	306	251	30.0	58.8	10.1	1.1	0.0	1.6	15.9	491.7	491.4	467.9	461.5	.	512.5	482.2
Georgia	218	218	14.8	55.1	30.2	0.0	0.0	0.0	0.0	472.0	466.2	459.2	.	.	471.0	471.0
Germany	243	209	2.5	43.8	48.4	5.1	0.2	0.3	13.5	540.2	526.5	509.0	466.3	424.8	529.7	517.8
Hong Kong SAR	182	124	5.4	78.2	15.2	1.2	0.0	0.0	31.0	565.5	546.8	509.0	522.4	.	552.9	552.9
Hungary	263	217	5.3	63.3	31.0	0.3	0.0	0.4	15.4	553.3	533.6	497.4	462.5	.	537.4	529.8
Iran, Islamic Rep. of	224	222	35.8	49.5	14.2	0.5	0.0	0.9	0.0	442.9	425.1	430.4	403.9	.	431.9	.
Ireland	239	236	32.9	57.0	10.2	0.0	0.0	0.7	0.4	506.2	531.9	506.4	.	.	512.2	537.9
Italy	266	263	6.6	60.8	31.7	0.9	0.0	0.4	0.7	514.9	510.2	511.0	501.0	.	488.0	504.4
Japan	142	137	7.8	45.7	41.6	4.9	0.0	2.2	1.6	560.9	553.4	557.4	532.9	.	553.9	568.6
Jordan	224	221	26.3	45.2	25.2	3.3	0.0	0.7	0.3	422.1	418.1	407.8	457.2	.	432.4	336.1
Kazakhstan	303	284	26.4	59.3	14.1	0.2	0.0	4.9	1.3	455.4	465.1	487.4	572.0	.	474.7	484.2
Korea, Rep. of	199	182	38.0	35.0	19.8	7.2	0.0	0.0	7.5	593.7	587.4	569.0	557.9	.	574.2	574.2
Kosovo	231	202	31.9	47.4	20.7	0.0	0.0	2.9	9.5	415.3	403.3	403.7	.	.	334.6	386.5
Kuwait	164	162	20.8	57.6	21.6	0.0	0.0	0.8	0.7	404.0	373.5	334.3	.	.	515.0	495.2
Latvia	213	207	10.3	69.5	20.0	0.3	0.0	0.0	3.5	535.9	526.9	518.7	515.9	.	508.8	508.8
Lithuania	250	247	32.3	55.7	11.4	0.1	0.4	0.3	0.5	542.4	534.9	530.3	495.1	566.3	493.2	572.4
Macao SAR	275	275	11.2	66.4	22.0	0.4	0.0	0.0	0.0	534.4	543.1	514.5	530.8	.	530.8	530.8
Montenegro	338	322	16.2	69.6	13.1	1.2	0.0	0.2	4.0	465.8	460.3	454.4	454.0	.	444.4	469.7
Morocco	303	285	11.4	51.7	36.4	0.5	0.0	1.0	5.3	412.0	403.3	371.2	352.2	.	327.1	365.7
Netherlands	188	120	9.7	57.0	31.2	2.1	0.0	0.7	32.9	526.9	521.4	508.1	492.5	.	472.3	517.3
New Zealand	396	216	36.4	52.7	10.9	0.0	0.0	0.5	44.0	517.2	534.2	505.1	.	.	529.4	506.8
North Macedonia	274	200	21.3	60.7	18.1	0.0	0.0	2.1	25.2	436.8	445.0	432.7	.	.	419.0	433.4
Norway (5)	314	230	10.7	61.7	27.4	0.2	0.0	1.1	22.4	540.8	535.3	521.8	567.8	.	541.1	523.6
Oman	287	279	19.9	58.1	21.5	0.5	0.0	0.6	2.1	453.7	432.4	412.4	385.4	.	519.8	433.7
Poland	267	263	11.2	70.4	17.6	0.0	0.8	1.2	0.7	552.0	549.2	549.4	.	591.9	535.4	572.0
Portugal	321	317	15.5	51.9	29.3	3.3	0.0	0.4	0.8	528.7	513.4	497.7	491.9	.	554.0	510.7
Qatar	283	279	48.5	40.8	9.3	1.4	0.0	0.0	2.3	478.7	466.4	458.0	388.1	.	543.2	543.2
Romania	188	151	39.4	53.2	6.1	1.2	0.0	0.0	20.5	523.2	533.8	526.4	419.1	.	520.0	520.0
Saudi Arabia	217	191	38.9	41.7	17.4	1.9	0.0	1.6	10.1	430.7	427.2	415.6	423.9	.	435.5	436.0
Serbia	213	213	15.4	72.0	12.7	0.0	0.0	0.0	0.0	517.4	511.8	489.5	.	.	511.8	511.8
Singapore	362	361	12.8	67.7	18.5	1.0	0.0	0.0	0.3	623.9	608.5	593.4	580.1	.	585.9	585.9
Slovak Republic	269	269	14.4	53.3	31.1	1.3	0.0	0.0	0.0	525.6	525.4	511.2	490.2	.	511.2	511.2
Slovenia	269	260	16.2	61.9	21.7	0.3	0.0	0.7	1.6	536.8	524.8	519.5	489.1	.	507.3	543.1
South Africa (5)	287	233	35.9	51.9	12.3	0.0	0.0	2.6	17.4	292.8	326.6	302.3	.	.	194.6	308.1
Spain	582	564	14.0	51.9	30.7	3.3	0.1	1.0	2.0	516.2	509.1	493.5	475.2	359.3	491.8	512.4
Sweden	250	213	31.5	50.3	15.1	2.7	0.4	1.0	13.1	544.3	532.6	513.6	550.0	550.9	477.7	527.4
Turkiye (5)	171	169	23.1	52.1	24.0	0.5	0.3	0.9	0.0	592.5	575.0	539.2	556.1	415.5	601.4	601.4
United Arab Emirates	1435	1289	44.6	45.6	9.4	0.3	0.1	0.5	8.6	514.8	486.9	441.6	429.2	491.6	570.3	490.5
United States	495	476	39.9	48.4	11.4	0.4	0.0	0.4	3.5	540.8	531.3	509.9	534.3	.	528.7	527.0
Uzbekistan	168	158	27.6	58.3	14.2	0.0	0.0	4.4	2.0	419.5	407.8	417.9	.	.	395.6	420.6
International Avg. (58)	17865	16141	23.1	54.8	20.8	1.2	0.1	1.0	8.5	503.3	496.8	481.4	480.3	477.3	484.6	492.5
Ontario, Canada	286	242	31.2	50.7	15.9	2.0	0.2	2.6	11.2	532.6	526.1	516.4	523.6	528.5	523.7	515.6
Quebec, Canada	215	194	26.6	56.8	15.9	0.8	0.0	0.8	7.1	508.4	508.4	502.9	477.4	.	510.3	509.8
Abu Dhabi, UAE	553	499	35.4	53.1	11.1	0.4	0.0	0.7	7.9	460.5	445.5	402.4	424.7	.	521.7	442.1
Dubai, UAE	359	317	51.0	42.0	6.5	0.2	0.3	0.2	8.7	576.9	559.1	508.9	379.3	491.6	550.4	542.8
Sharjah, UAE	284	250	55.1	34.4	10.5	0.0	0.0	0.9	10.9	513.6	496.5	464.0	.	.	659.8	491.7

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
Location: TQG-06d (ATBG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	98	57.0	35.6	7.4	0.0	0.0	0.9	17.7	488.2	486.6	481.2	.	.	484.4	507.0
Armenia	211	202	36.0	57.2	6.8	0.0	0.0	1.1	1.9	453.9	458.3	471.7	.	.	420.8	461.0
Australia	347	259	32.2	49.3	17.2	1.2	0.0	0.0	26.9	559.0	553.5	532.3	511.9	.	534.6	545.2
Azerbaijan	271	220	37.7	51.6	10.3	0.1	0.3	5.5	12.8	426.3	420.3	423.3	448.1	456.8	403.4	420.6
Bahrain	212	210	56.7	37.4	5.9	0.0	0.0	1.5	0.0	485.1	464.4	449.0	.	.	460.7	.
Belgium (Flemish)	278	217	15.2	65.8	18.7	0.4	0.0	0.0	19.7	492.5	494.2	481.1	437.2	.	.	477.0
Belgium (French)	344	294	61.8	31.5	5.6	0.7	0.4	0.8	13.7	483.6	483.4	480.2	491.9	466.2	477.0	464.2
Bosnia & Herzegovina	236	182	21.4	47.7	30.4	0.6	0.0	1.2	20.2	439.8	454.5	450.8	471.2	.	480.5	438.8
Brazil	1047	1003	33.9	49.1	16.0	1.0	0.0	1.8	1.5	438.4	419.8	416.7	371.8	346.8	408.5	439.3
Bulgaria	208	202	33.2	54.4	10.9	1.5	0.0	2.5	1.0	538.7	539.2	474.2	400.5	.	524.2	515.0
Canada	917	818	33.1	49.9	15.6	1.3	0.1	1.3	8.8	530.7	519.7	510.9	500.2	528.5	521.0	515.3
Chile	178	162	28.6	56.2	15.2	0.0	0.0	1.0	7.1	484.1	477.2	483.0	.	.	465.6	471.0
Chinese Taipei	238	236	18.1	62.3	19.0	0.5	0.0	0.6	0.0	580.0	570.7	572.2	567.4	.	569.5	.
Cyprus	267	264	34.3	53.1	12.6	0.0	0.0	0.9	0.8	495.2	487.1	465.2	.	.	484.3	471.0
Czech Republic	344	339	10.2	53.7	34.9	0.9	0.3	0.1	1.1	523.9	529.4	520.8	541.1	496.2	530.0	525.8
Denmark	278	217	10.8	67.9	18.7	2.3	0.3	2.0	19.1	530.3	523.4	519.1	491.1	453.1	517.5	521.6
England	178	132	42.9	47.7	9.5	0.0	0.0	0.9	20.3	563.5	556.7	547.6	.	.	527.7	548.0
Finland	369	356	20.3	65.2	14.5	0.0	0.0	0.8	2.6	539.7	545.7	538.0	366.1	.	513.4	505.6
France	306	250	27.0	58.7	13.6	0.4	0.4	1.8	15.9	495.7	487.0	483.3	441.2	523.2	508.4	482.2
Georgia	218	217	32.9	58.8	7.8	0.5	0.0	0.3	0.0	471.4	461.2	463.7	482.0	.	503.3	.
Germany	243	208	12.0	55.9	29.9	1.9	0.3	0.6	13.5	506.0	516.2	517.3	516.8	423.8	526.1	517.8
Hong Kong SAR	182	124	7.3	72.7	20.0	0.0	0.0	0.0	31.0	579.8	538.1	541.3	.	.	552.9	.
Hungary	263	218	10.5	57.9	31.7	0.0	0.0	0.0	15.4	534.7	525.3	515.6	.	.	529.8	.
Iran, Islamic Rep. of	224	221	50.1	36.9	12.5	0.5	0.0	1.5	0.0	430.4	435.1	435.5	465.7	.	374.4	.
Ireland	239	236	38.2	56.3	5.6	0.0	0.0	0.7	0.4	531.0	533.0	526.7	.	.	534.2	537.9
Italy	266	262	14.5	63.9	20.6	1.0	0.0	1.1	0.7	506.5	509.2	517.5	537.2	.	493.7	504.4
Japan	142	137	15.1	49.7	33.8	1.3	0.0	2.2	1.6	550.9	555.5	556.4	522.0	.	553.9	568.6
Jordan	224	222	39.6	46.3	11.7	2.4	0.0	0.6	0.3	426.2	410.3	405.3	485.2	.	440.3	336.1
Kazakhstan	303	281	33.4	61.2	5.0	0.5	0.0	6.1	1.3	458.1	466.6	466.4	551.4	.	499.3	484.2
Korea, Rep. of	199	181	47.0	44.1	8.8	0.0	0.0	0.5	7.5	589.4	582.0	562.7	.	.	620.8	574.2
Kosovo	231	202	48.8	41.3	10.0	0.0	0.0	2.9	9.5	411.4	403.7	400.7	.	.	334.6	386.5
Kuwait	164	162	41.6	46.9	10.9	0.6	0.0	0.7	0.7	396.3	361.2	327.2	351.1	.	436.3	495.2
Latvia	213	207	8.3	71.8	18.9	1.0	0.0	0.0	3.5	523.9	527.0	523.4	532.5	.	508.8	.
Lithuania	250	248	32.6	58.6	8.3	0.5	0.0	0.2	0.5	539.8	535.9	532.5	526.2	.	512.5	572.4
Macao SAR	275	274	8.8	67.3	23.8	0.2	0.0	0.5	0.0	539.1	537.8	529.3	476.7	.	539.9	.
Montenegro	338	320	29.6	57.1	13.2	0.1	0.0	0.8	4.0	453.1	463.5	463.1	475.6	.	450.8	469.7
Morocco	303	286	26.6	59.7	13.1	0.6	0.0	0.8	5.3	407.5	384.9	395.7	342.0	.	334.4	365.7
Netherlands	188	120	7.1	60.9	30.6	0.9	0.5	0.7	32.9	523.7	520.6	509.4	551.0	435.7	472.3	517.3
New Zealand	396	216	30.5	58.9	10.3	0.4	0.0	0.5	44.0	520.5	526.4	527.8	552.0	.	529.4	506.8
North Macedonia	374	200	38.7	44.5	16.4	0.4	0.0	1.9	25.2	440.1	439.4	448.4	456.1	.	409.6	433.4
Norway (5)	214	230	12.1	59.3	26.9	1.6	0.0	1.4	22.4	540.2	534.4	522.8	544.7	.	547.2	523.6
Oman	287	279	53.3	41.9	4.6	0.3	0.0	0.6	2.1	437.7	422.2	451.7	520.4	.	519.8	433.7
Poland	267	263	22.0	59.1	18.5	0.3	0.0	0.9	0.7	552.1	551.1	542.5	564.1	.	536.9	572.0
Portugal	321	317	24.9	64.4	10.0	0.6	0.0	0.4	0.8	514.2	509.0	511.5	492.6	.	554.0	510.7
Qatar	283	279	59.6	35.0	4.3	1.1	0.0	0.0	2.3	469.9	470.6	496.9	392.8	.	543.2	.
Romania	188	151	41.0	50.1	7.9	1.0	0.0	0.0	20.5	517.0	533.9	539.1	572.3	.	520.0	.
Saudi Arabia	217	191	64.4	25.0	9.5	0.6	0.6	1.6	10.1	430.5	427.5	394.2	491.8	396.4	435.5	436.0
Serbia	213	213	35.0	54.3	10.3	0.3	0.0	0.0	0.0	508.1	513.4	497.4	510.2	.	510.2	.
Singapore	362	361	10.8	66.5	21.7	0.7	0.3	0.0	0.3	610.1	610.5	597.3	566.3	659.9	.	585.9
Slovak Republic	269	269	22.6	54.7	21.6	1.1	0.0	0.0	0.0	501.1	526.4	528.7	471.6	.	510.2	.
Slovenia	269	262	19.0	55.1	25.0	0.9	0.0	0.0	1.6	529.3	525.8	521.1	533.6	.	543.1	.
South Africa (5)	287	234	37.7	51.1	10.6	0.6	0.0	1.8	17.4	293.3	323.5	306.4	261.5	.	215.4	308.1
Spain	582	566	27.7	58.8	13.4	0.1	0.0	0.3	2.0	511.7	499.8	505.9	481.7	.	480.0	512.4
Sweden	250	213	19.0	55.9	23.0	2.1	0.0	1.0	13.1	543.2	534.9	524.7	527.7	.	477.7	527.4
Turkiye (5)	171	168	27.5	56.6	13.9	2.0	0.0	1.3	0.0	582.3	568.1	549.6	584.7	.	593.4	.
United Arab Emirates	1435	1288	58.1	36.2	5.3	0.2	0.1	0.5	8.6	508.5	481.7	441.3	490.0	415.7	562.7	489.9
United States	495	476	29.6	51.8	18.1	0.4	0.0	0.4	3.5	540.7	532.3	521.3	502.1	.	528.7	527.0
Uzbekistan	168	157	35.0	54.5	10.5	0.0	0.0	5.1	2.0	411.7	414.2	403.9	.	.	401.6	420.6
International Avg. (58)	17865	16120	30.7	53.4	15.2	0.7	0.1	1.1	8.5	498.1	494.5	488.3	486.3	466.8	484.4	492.5
Ontario, Canada	286	243	34.5	50.9	11.8	2.6	0.2	2.3	11.2	533.4	524.9	519.2	496.4	528.5	527.6	515.6
Quebec, Canada	215	195	26.7	50.3	22.6	0.4	0.0	0.4	7.1	509.0	509.9	498.9	534.3	.	521.1	509.8
Abu Dhabi, UAE	553	500	46.4	44.3	8.8	0.5	0.0	0.5	7.7	452.7	448.1	402.0	473.4	.	514.2	439.2
Dubai, UAE	359	316	60.7	33.1	6.0	0.1	0.2	0.1	8.8	577.1	553.1	500.7	594.6	496.1	477.5	541.7
Sharjah, UAE	284	249	71.4	26.5	1.7	0.0	0.4	1.1	10.9	511.8	481.7	475.1	.	359.7	626.2	491.7

Question: How would you characterize each of the following within your school? Parental involvement in school activities
Location: TQG-06e (ATBG06E)

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
Albania	123	98	28.5	29.4	40.8	1.4	0.0	0.9	17.7	502.5	495.0	469.7	514.5	.	484.4	507.0
Armenia	211	200	6.6	44.3	47.4	1.4	0.3	1.6	1.9	467.4	456.8	456.4	464.6	438.1	449.2	461.0
Australia	347	258	7.5	33.8	37.5	18.3	2.9	0.8	26.9	572.1	559.6	554.6	529.9	496.2	523.8	545.2
Azerbaijan	271	222	17.8	52.9	25.3	4.0	0.0	5.2	12.8	425.6	420.2	427.8	409.6	.	407.0	420.6
Bahrain	212	210	35.7	34.6	26.4	3.3	0.0	1.3	0.0	491.5	478.0	449.3	473.4	.	469.0	.
Belgium (Flemish)	278	216	4.9	22.0	50.6	18.4	4.1	0.1	19.7	502.3	504.3	490.6	481.7	459.7	474.3	477.0
Belgium (French)	344	294	12.6	40.6	30.2	13.4	3.1	0.8	13.7	480.0	489.1	485.7	473.4	442.2	477.0	464.2
Bosnia & Herzegovina	236	180	5.5	24.8	57.3	12.4	0.0	1.9	20.2	453.3	445.0	453.8	442.4	.	475.4	438.8
Brazil	1047	1004	5.0	18.2	45.8	26.3	4.7	1.8	1.5	450.4	461.3	423.4	405.0	387.1	410.3	439.3
Bulgaria	208	202	10.6	35.3	39.3	12.1	2.7	2.1	1.0	539.2	554.4	528.0	472.8	437.4	547.0	515.0
Canada	917	823	10.5	29.7	39.4	15.2	5.3	1.1	8.8	542.2	527.5	521.9	506.3	489.8	529.6	515.3
Chile	178	164	12.0	25.2	42.4	15.6	4.9	0.0	7.1	490.4	488.7	479.4	473.1	434.6	.	471.0
Chinese Taipei	238	237	16.1	39.9	39.0	5.0	0.0	0.0	0.0	582.3	572.7	570.6	556.5	.	554.1	.
Cyprus	267	264	12.0	33.0	37.5	12.4	5.1	0.4	0.8	502.7	494.9	488.0	469.2	439.2	462.6	471.0
Czech Republic	344	338	3.7	18.4	54.6	20.9	2.4	1.0	1.1	541.4	535.1	524.5	522.7	498.5	501.9	525.8
Denmark	278	216	5.4	34.0	46.4	12.6	1.5	2.3	19.1	522.5	532.4	518.1	508.1	531.2	526.2	521.6
England	178	134	14.2	27.3	41.5	11.0	6.1	0.5	19.9	562.5	567.1	555.4	558.9	531.2	520.7	548.2
Finland	369	356	5.6	28.4	53.0	12.4	0.6	0.8	2.6	559.1	549.5	544.8	521.7	421.3	513.4	505.6
France	306	250	5.7	29.6	42.1	15.6	7.0	1.8	15.9	509.0	508.4	487.2	466.7	449.1	508.4	482.2
Georgia	218	217	9.1	35.3	49.2	5.6	0.8	0.3	0.0	465.9	470.0	461.4	459.7	485.1	468.4	.
Germany	243	209	7.0	27.1	43.9	15.4	6.6	0.3	13.5	537.2	529.7	514.7	496.1	478.1	529.7	517.8
Hong Kong SAR	182	124	6.5	45.7	40.9	7.0	0.0	0.0	31.0	536.0	552.0	537.3	507.0	.	552.9	.
Hungary	263	217	8.4	29.9	48.1	9.5	4.1	0.4	15.4	543.3	539.9	524.2	496.3	410.3	537.4	529.8
Iran, Islamic Rep. of	224	222	19.9	29.0	36.3	10.8	3.9	0.9	0.0	450.0	438.3	427.8	416.6	377.7	431.9	.
Ireland	239	236	15.0	28.6	40.9	11.6	3.9	0.7	0.4	545.3	545.5	526.0	511.0	505.3	524.6	537.9
Italy	266	261	5.4	37.0	46.8	10.2	0.6	1.0	0.7	526.8	507.5	513.2	503.6	512.1	485.8	504.4
Japan	142	137	8.9	29.5	51.6	9.2	0.8	2.2	1.6	558.1	557.8	555.1	541.0	524.2	553.9	568.6
Jordan	224	222	19.5	29.5	35.7	12.8	2.6	0.6	0.3	430.7	412.0	415.6	418.1	416.2	440.3	336.1
Kazakhstan	303	282	26.9	49.7	23.2	0.3	0.0	5.8	1.3	448.9	468.2	474.2	538.6	.	492.9	484.2
Korea, Rep. of	199	182	23.2	35.3	25.7	12.3	3.5	0.0	7.5	602.8	585.5	581.3	555.4	564.5	.	574.2
Kosovo	231	200	19.0	29.7	46.5	4.6	0.3	3.6	9.5	408.6	410.9	406.8	381.0	335.6	354.7	386.5
Kuwait	164	162	14.1	31.0	42.7	10.9	1.3	0.8	0.7	447.3	383.1	344.1	349.6	344.9	515.0	495.2
Latvia	213	206	3.4	27.4	56.9	11.5	0.7	0.4	3.5	557.2	532.3	524.4	514.0	495.8	493.5	508.8
Lithuania	250	246	10.9	45.2	40.8	3.0	0.1	1.2	0.5	547.7	536.0	535.8	527.0	495.1	527.7	572.4
Macao SAR	275	275	7.4	30.1	54.0	7.8	0.6	0.0	0.0	537.3	527.7	542.1	522.2	526.2	.	.
Montenegro	338	321	8.7	26.7	51.4	12.7	0.4	0.2	4.0	460.6	462.2	459.0	463.2	420.3	439.8	469.7
Morocco	303	287	3.7	9.9	36.7	27.3	22.4	0.7	5.3	452.7	406.2	403.9	372.0	378.6	401.7	365.7
Netherlands	188	119	4.6	33.3	37.2	21.9	3.0	1.6	32.9	519.1	527.2	522.8	499.5	471.6	485.7	517.3
New Zealand	396	215	8.8	33.3	41.4	15.5	0.9	0.7	44.0	555.5	537.0	518.5	499.5	495.3	534.4	506.8
North Macedonia	274	199	18.4	31.0	39.1	9.2	2.3	2.4	25.2	442.1	446.4	446.8	422.6	363.8	402.3	433.4
Norway (5)	314	230	4.0	23.0	59.3	11.7	2.0	0.8	22.4	551.5	544.2	530.3	517.4	496.8	550.1	523.6
Oman	287	277	21.2	42.5	32.4	3.9	0.0	1.6	2.1	444.7	433.4	427.3	400.9	.	436.4	433.7
Poland	267	264	4.8	29.3	55.7	9.4	0.8	0.7	0.7	569.7	549.2	550.7	533.4	591.9	528.2	572.0
Portugal	321	317	6.5	33.7	49.5	9.4	0.9	0.4	0.8	528.5	523.7	504.4	486.9	464.2	554.0	510.7
Qatar	283	278	34.4	32.0	29.7	3.1	0.8	0.5	2.3	470.9	475.7	468.2	468.9	383.8	397.5	543.2
Romania	188	151	26.9	31.6	31.2	7.2	3.0	0.0	20.5	511.3	537.4	536.1	543.2	452.7	.	520.0
Saudi Arabia	217	190	30.9	28.7	25.3	14.1	1.0	2.1	10.1	442.7	430.7	411.8	410.8	394.5	434.5	436.0
Serbia	213	211	5.3	32.2	53.7	7.4	1.4	0.7	0.0	510.5	507.3	511.9	510.0	474.3	537.0	.
Singapore	362	361	7.6	37.2	45.5	8.8	1.0	0.0	0.3	628.5	621.8	598.9	580.7	529.7	.	585.9
Slovak Republic	269	268	6.9	28.1	46.8	12.8	5.4	0.1	0.0	522.1	543.1	529.6	479.6	425.6	318.0	.
Slovenia	269	262	5.7	16.6	53.5	22.1	2.1	0.0	1.6	525.1	527.3	526.1	523.6	.	.	543.1
South Africa (5)	287	236	11.7	20.4	35.9	24.4	7.7	1.2	17.4	338.0	345.9	298.7	293.3	267.8	217.0	308.1
Spain	582	565	9.4	39.2	36.3	12.6	2.4	0.5	2.0	519.7	512.3	502.0	481.3	459.4	466.0	512.4
Sweden	250	213	7.3	23.7	46.6	17.6	4.8	1.0	13.1	550.7	541.8	538.9	522.6	462.2	477.7	527.4
Turkiye (5)	171	169	13.2	32.4	31.1	20.5	2.8	0.9	0.0	600.4	585.7	560.5	544.2	533.5	601.4	.
United Arab Emirates	1435	1290	31.0	41.1	22.1	4.3	1.5	0.5	8.5	515.4	503.7	463.8	457.3	409.9	549.6	490.0
United States	495	474	12.2	27.1	37.9	19.2	3.6	0.5	3.6	563.7	554.6	527.7	503.2	473.1	525.5	526.0
Uzbekistan	168	157	19.5	43.5	35.6	1.4	0.0	5.1	2.0	423.0	412.5	405.1	438.4	.	401.6	420.6
International Avg. (58)	17865	16118	12.5	31.7	41.6	11.6	2.6	1.1	8.5	508.4	502.9	492.3	481.7	457.1	479.4	492.5
Ontario, Canada	286	244	9.4	32.2	39.2	14.2	5.0	2.0	11.2	548.3	532.1	524.6	510.0	505.2	538.1	515.6
Quebec, Canada	215	195	9.6	23.3	42.7	18.6	5.8	0.4	7.1	528.7	510.4	507.6	503.5	468.9	521.1	509.8
Abu Dhabi, UAE	553	500	20.1	40.9	30.3	5.4	3.4	0.7	7.7	459.7	464.3	424.2	417.4	393.4	496.7	439.2
Dubai, UAE	359	318	36.6	40.1	18.4	4.4	0.6	0.0	8.7	580.9	564.9	543.3	516.1	500.0	.	542.8
Sharjah, UAE	284	250	36.8	43.0	15.4	4.1	0.7	0.9	10.9	504.2	518.4	470.4	452.2	443.3	659.8	491.7

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 (ATBG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	98	21.8	25.2	51.9	1.1	0.0	0.9	17.7	510.2	489.5	477.0	453.3	484.4	507.0	461.0
Armenia	211	201	5.2	46.6	46.5	1.3	0.4	2.1	1.9	480.1	451.1	461.6	452.5	423.8	447.4	461.0
Australia	347	259	7.6	33.5	42.3	12.3	4.3	0.0	26.9	572.5	562.0	549.9	526.3	510.5	534.6	545.2
Azerbaijan	271	223	11.1	29.7	44.0	14.0	1.1	5.0	12.8	429.2	423.7	422.8	414.3	422.6	407.8	420.6
Bahrain	212	211	28.5	43.6	22.6	4.5	0.9	0.9	0.0	484.1	480.7	450.5	478.1	499.1	486.7	477.0
Belgium (Flemish)	278	217	1.2	18.2	53.2	24.5	2.9	0.0	19.7	446.1	504.4	497.3	472.8	473.7	477.0	464.2
Belgium (French)	344	294	28.8	33.5	25.0	9.2	3.5	0.8	13.7	484.2	491.9	487.2	455.2	441.0	477.0	464.2
Bosnia & Herzegovina	236	182	3.4	20.8	65.3	7.8	2.7	1.2	20.2	449.0	450.9	451.0	453.1	421.1	480.5	438.8
Brazil	1047	1006	4.8	19.3	45.0	23.6	7.4	1.7	1.5	458.5	458.6	421.0	410.2	387.1	413.0	439.3
Bulgaria	208	203	10.1	26.1	45.1	14.0	4.7	1.8	1.0	556.6	569.1	530.6	478.7	394.1	536.5	515.0
Canada	917	823	9.2	23.0	48.7	15.1	3.9	1.3	8.8	543.4	528.4	520.0	509.1	499.6	526.2	515.3
Chile	178	164	5.6	22.6	43.7	23.6	4.6	0.0	7.1	475.8	493.5	486.6	462.6	442.6	471.0	461.0
Chinese Taipei	238	237	5.7	32.9	52.1	8.1	1.2	0.1	0.0	586.6	578.3	569.8	562.9	540.8	513.6	471.0
Cyprus	267	265	3.3	32.1	41.8	17.4	5.4	0.0	0.8	503.2	507.1	484.7	467.5	440.5	471.0	461.0
Czech Republic	344	340	1.9	17.7	63.6	14.4	2.4	0.0	1.1	549.9	540.3	524.9	512.5	504.2	525.8	521.6
Denmark	278	216	3.7	28.8	52.5	11.0	4.0	2.3	19.1	542.9	532.5	520.6	499.5	513.2	522.0	521.6
England	178	132	9.9	29.2	45.5	11.4	4.0	0.9	20.3	582.9	565.5	555.6	536.4	550.0	527.7	548.0
Finland	369	356	2.5	33.9	53.3	9.1	1.2	0.8	2.6	585.7	550.0	542.8	522.3	447.4	513.4	505.6
France	306	250	5.1	24.1	48.4	16.5	6.0	2.0	15.9	513.8	509.1	490.2	466.4	440.0	500.7	482.2
Georgia	218	218	9.0	36.4	47.1	7.1	0.4	0.0	0.0	469.2	469.2	461.8	459.3	456.3	517.8	517.8
Germany	243	209	3.9	22.0	48.8	21.1	4.2	0.3	13.5	556.2	532.6	520.5	488.7	453.8	529.7	517.8
Hong Kong SAR	182	123	3.6	44.0	38.8	13.6	0.0	0.4	31.0	564.1	561.2	525.7	521.3	492.5	552.9	552.9
Hungary	263	218	6.9	22.1	56.3	9.1	5.6	0.0	15.4	547.3	546.5	525.4	495.3	424.5	529.8	529.8
Iran, Islamic Rep. of	224	222	15.0	27.1	39.4	12.6	5.8	0.9	0.0	436.0	448.7	430.9	405.8	410.1	431.9	537.9
Ireland	239	236	13.0	41.2	36.4	8.1	1.3	1.4	0.4	539.6	550.1	517.3	502.5	491.4	511.8	537.9
Italy	266	263	2.0	27.2	54.8	14.6	1.4	0.4	0.7	514.8	511.1	513.0	500.2	515.3	488.0	504.4
Japan	142	137	5.9	25.6	53.6	14.2	0.8	2.2	1.6	565.8	564.8	551.7	544.5	524.2	553.9	568.6
Jordan	224	222	15.1	30.5	32.6	19.1	2.7	0.6	0.3	411.3	435.9	414.0	391.2	483.6	440.3	336.1
Kazakhstan	303	283	21.2	48.5	29.5	0.5	0.3	5.5	1.3	454.9	469.5	465.8	360.5	450.9	492.6	484.2
Korea, Rep. of	199	182	24.4	30.4	25.5	15.6	4.1	0.0	7.5	600.8	591.0	578.6	562.0	550.7	574.2	574.2
Kosovo	231	202	18.5	31.8	40.7	8.8	0.3	2.9	9.5	410.2	409.3	406.0	399.5	378.3	334.6	386.5
Kuwait	164	163	15.1	42.3	37.8	4.2	0.6	0.0	0.7	437.1	377.3	341.5	379.4	310.3	495.2	495.2
Latvia	213	207	1.0	21.9	63.3	11.8	2.0	0.0	3.5	571.0	529.5	526.9	512.3	524.9	508.8	508.8
Lithuania	250	247	8.0	42.7	45.3	3.5	0.4	0.4	0.5	548.5	537.5	536.3	512.6	514.9	520.1	572.4
Macao SAR	275	275	3.3	25.7	60.2	9.9	1.0	0.0	0.0	524.1	533.5	541.5	516.1	486.7	572.4	572.4
Montenegro	338	321	10.5	21.9	51.8	13.6	2.2	0.2	4.0	465.5	468.1	460.1	445.6	454.5	439.8	469.7
Morocco	303	288	1.8	12.2	36.5	33.7	15.8	0.4	5.3	484.5	410.9	411.5	363.2	381.1	372.2	365.7
Netherlands	188	120	8.3	42.3	37.7	10.5	1.3	0.7	32.9	532.2	531.8	505.1	492.2	496.8	472.3	517.3
New Zealand	396	216	2.4	32.6	55.1	8.3	1.7	0.5	44.0	548.2	543.7	516.8	506.0	482.4	529.4	506.8
North Macedonia	374	201	16.0	27.5	43.5	9.2	3.8	1.8	25.2	429.5	454.0	442.6	447.2	366.6	409.1	433.4
Norway (5)	214	230	1.4	23.4	59.1	13.5	2.6	0.8	22.4	573.7	549.6	527.1	525.8	504.3	550.1	523.6
Oman	287	278	14.4	44.7	35.6	4.8	0.4	0.7	2.1	429.0	444.7	418.3	423.1	474.4	498.9	433.7
Poland	267	264	5.1	25.8	54.7	11.6	2.8	0.7	0.7	577.6	557.6	545.8	544.2	529.0	528.2	572.0
Portugal	321	317	5.2	32.3	49.6	11.6	1.2	0.4	0.8	534.4	521.2	507.1	491.6	442.9	554.0	510.7
Qatar	283	279	27.0	42.6	26.3	3.1	1.0	0.0	2.3	478.0	476.8	454.7	467.5	423.2	543.2	543.2
Romania	188	151	26.4	30.7	30.7	8.2	4.0	0.0	20.5	512.1	541.6	528.9	545.8	480.8	520.0	520.0
Saudi Arabia	217	191	28.3	30.2	30.3	8.6	2.6	1.6	10.1	439.3	439.7	406.2	403.5	444.7	435.5	436.0
Serbia	213	212	4.0	32.6	55.4	6.3	1.6	0.3	0.0	538.2	515.3	507.7	489.8	482.6	492.9	492.9
Singapore	362	361	4.5	35.8	48.0	10.5	1.1	0.0	0.3	630.5	626.6	598.0	580.0	558.9	585.9	585.9
Slovak Republic	269	268	5.1	22.4	50.4	13.0	9.1	0.4	0.0	531.5	538.5	535.0	499.9	419.7	531.4	531.4
Slovenia	269	262	3.0	15.5	56.7	21.3	3.5	0.0	1.6	530.3	528.1	524.7	523.8	530.2	543.1	543.1
South Africa (5)	287	234	5.9	21.3	41.9	23.8	7.1	2.4	17.4	296.7	353.9	296.8	311.4	271.8	213.7	308.1
Spain	582	565	7.3	35.7	40.2	14.8	2.0	0.5	2.0	523.4	514.5	502.3	475.8	485.5	489.9	512.4
Sweden	250	213	7.8	26.3	43.1	17.4	5.4	1.0	13.1	552.9	544.2	537.3	521.0	472.1	477.7	527.4
Turkiye (5)	171	169	9.4	22.5	38.9	22.5	6.7	0.9	0.0	598.7	588.2	569.6	547.1	545.4	601.4	601.4
United Arab Emirates	1435	1291	27.9	41.0	24.0	5.4	1.7	0.5	8.5	512.5	507.8	468.7	453.4	404.7	578.3	490.0
United States	495	476	6.9	24.8	44.6	17.7	6.0	0.4	3.5	554.6	560.6	532.1	496.9	500.6	528.7	527.0
Uzbekistan	168	157	15.5	44.4	37.5	2.7	0.0	4.9	2.0	416.6	416.5	407.3	368.5	409.6	420.6	420.6
International Avg. (58)	17865	16148	10.0	30.2	44.7	12.2	3.0	1.0	8.5	510.3	506.7	491.5	476.0	463.3	483.6	492.5
Ontario, Canada	286	244	9.9	19.5	49.4	16.6	4.6	2.0	11.2	547.4	534.7	523.8	513.5	517.1	538.1	515.6
Quebec, Canada	215	195	6.6	28.3	47.3	15.1	2.7	0.4	7.1	524.5	511.9	507.1	496.9	478.1	521.1	509.8
Abu Dhabi, UAE	553	500	15.8	43.4	30.6	6.6	3.6	0.7	7.7	444.8	469.4	431.1	401.6	378.3	535.4	439.2
Dubai, UAE	359	318	32.7	40.2	21.2	4.9	1.0	0.0	8.7	582.8	569.8	539.1	520.6	486.1	542.8	542.8
Sharjah, UAE	284	250	34.7	41.5	17.4	5.8	0.7	0.9	10.9	501.8	523.9	465.1	473.2	443.3	659.8	491.7

Question: How would you characterize each of the following within your school? Parental expectations for student achievement
Location: TQG-06g (ATBG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	95	25.2	55.7	19.1	0.0	0.0	3.4	17.7	510.9	476.7	484.4	.	.	493.8	507.0
Armenia	211	203	11.8	73.1	14.3	0.8	0.0	0.5	1.9	461.0	456.1	459.4	477.9	.	434.2	461.0
Australia	347	257	19.0	44.8	30.2	4.4	1.5	0.9	26.9	577.2	557.7	534.5	508.3	508.8	522.0	545.2
Azerbaijan	271	224	19.6	58.4	19.5	2.4	0.0	4.7	12.8	436.3	421.7	415.1	417.4	.	396.6	420.6
Bahrain	212	212	43.2	44.8	11.7	0.3	0.0	0.0	0.0	493.2	465.1	446.7	421.4	.	.	.
Belgium (Flemish)	278	216	6.7	49.2	38.5	4.3	1.3	0.2	19.7	489.1	495.4	489.7	475.3	446.9	483.7	477.0
Belgium (French)	344	293	16.6	54.1	24.0	5.3	0.0	1.0	13.7	500.3	488.2	469.0	443.9	.	486.3	464.2
Bosnia & Herzegovina	236	181	46.8	40.9	12.1	0.2	0.0	1.7	20.2	459.0	446.5	431.8	414.7	.	462.5	438.8
Brazil	1047	1006	14.3	34.1	38.6	11.9	1.1	2.4	1.5	449.8	447.0	405.1	400.3	367.6	424.1	439.3
Bulgaria	208	202	24.5	53.2	15.3	5.3	1.6	2.3	1.0	558.7	551.8	478.7	382.9	378.3	497.7	515.0
Canada	917	820	13.6	41.5	38.4	5.0	1.4	1.6	8.8	539.5	526.4	511.3	505.7	521.7	545.8	515.3
Chile	178	162	17.7	39.2	36.1	6.3	0.8	1.0	7.1	504.4	483.0	469.6	445.9	464.2	516.2	471.0
Chinese Taipei	238	238	19.7	48.9	28.3	3.1	0.0	0.0	0.0	580.0	573.4	568.0	553.9	.	.	.
Cyprus	267	265	13.2	43.5	34.7	5.4	3.1	0.0	0.8	503.9	499.4	476.3	444.6	439.7	.	471.0
Czech Republic	344	339	3.6	40.7	51.9	3.6	0.2	0.5	1.1	538.9	531.9	522.6	500.3	422.5	509.3	525.8
Denmark	278	216	9.0	43.0	45.0	3.0	0.0	2.3	19.1	522.9	529.5	518.0	481.4	.	519.5	521.6
England	178	132	15.8	42.2	35.5	5.3	1.2	0.9	20.3	588.1	559.1	549.2	536.0	545.2	527.7	548.0
Finland	369	356	4.1	57.1	37.4	1.2	0.2	0.8	2.6	574.9	548.9	532.9	515.4	350.3	513.4	505.6
France	306	251	12.9	48.1	33.5	3.8	1.6	1.5	15.9	515.1	497.4	475.3	444.4	423.9	498.5	482.2
Georgia	218	215	20.5	63.4	15.2	0.9	0.0	1.2	0.0	467.7	466.7	460.1	423.8	.	417.6	.
Germany	243	208	12.0	45.6	36.4	5.4	0.6	0.6	13.5	539.7	525.4	502.5	459.7	494.1	526.1	517.8
Hong Kong SAR	182	124	18.6	50.4	29.9	1.0	0.0	0.0	31.0	595.2	536.9	517.9	511.3	.	.	552.9
Hungary	263	217	7.7	50.3	35.2	4.6	2.2	0.3	15.4	552.7	538.3	515.2	422.2	412.8	532.2	529.8
Iran, Islamic Rep. of	224	223	41.0	44.6	11.7	2.2	0.5	0.5	0.0	447.2	423.1	418.4	392.2	403.9	520.3	.
Ireland	239	234	15.9	47.5	31.7	3.6	1.3	2.5	0.4	541.0	542.1	519.5	486.7	491.4	523.3	537.9
Italy	266	263	12.4	52.7	33.4	1.5	0.0	0.3	0.7	530.9	507.7	508.9	495.4	.	437.5	504.4
Japan	142	138	9.2	39.3	43.7	7.9	0.0	1.4	1.6	567.3	560.0	551.3	533.6	.	545.6	568.6
Jordan	224	220	13.6	40.9	40.9	4.0	0.6	1.5	0.3	424.9	432.5	401.7	426.8	389.0	391.1	336.1
Kazakhstan	303	282	23.3	62.0	14.7	0.0	0.0	6.5	1.3	457.5	467.9	478.9	.	.	454.6	484.2
Korea, Rep. of	199	180	27.7	39.0	28.9	3.5	0.8	0.8	7.5	603.1	582.1	570.9	576.6	546.1	564.4	574.2
Kosovo	231	201	28.0	54.5	17.5	0.0	0.0	3.1	9.5	407.5	403.7	407.8	.	.	387.6	386.5
Kuwait	164	162	24.5	51.8	22.3	1.3	0.0	0.8	0.7	426.4	357.9	342.6	361.5	.	515.0	495.2
Latvia	213	207	8.1	41.1	46.9	2.8	1.0	0.0	3.5	532.4	531.0	522.1	507.0	519.7	.	508.8
Lithuania	250	248	20.4	61.0	17.2	1.4	0.0	0.4	0.5	549.8	539.6	511.5	538.2	.	518.9	572.4
Macao SAR	275	274	9.2	56.5	32.8	1.5	0.0	0.4	0.0	544.2	544.7	521.1	464.0	.	552.5	.
Montenegro	338	321	41.8	48.8	9.2	0.0	0.1	1.5	4.0	465.8	456.9	452.3	550.5	476.4	465.6	469.7
Morocco	303	287	2.7	33.2	39.5	18.9	5.7	0.3	5.3	438.9	408.3	390.2	362.8	366.7	574.6	365.7
Netherlands	188	120	19.7	41.1	35.1	4.1	0.0	0.7	32.9	539.6	514.2	512.1	482.7	.	472.3	517.3
New Zealand	396	213	13.9	49.1	35.2	1.4	0.4	1.6	44.0	542.6	535.9	504.9	497.9	419.9	525.2	506.8
North Macedonia	374	203	26.1	46.7	25.6	0.8	0.8	1.4	25.2	448.9	451.3	420.5	324.5	378.2	398.8	433.4
Norway (5)	214	230	2.8	40.6	53.6	3.0	0.0	0.8	22.4	562.8	539.4	525.5	527.2	.	550.1	523.6
Oman	287	277	15.7	59.1	24.0	1.2	0.0	1.6	2.1	445.9	432.2	422.1	455.6	.	457.3	433.7
Poland	267	266	17.6	58.1	22.6	1.0	0.7	0.0	0.7	556.3	551.2	541.8	544.1	514.9	.	572.0
Portugal	321	317	18.1	50.3	29.4	2.2	0.0	0.4	0.8	532.9	512.0	497.3	466.0	.	554.0	510.7
Qatar	283	278	38.7	46.6	13.9	0.9	0.0	0.0	2.3	489.5	459.5	458.8	393.4	.	576.9	543.2
Romania	188	151	38.8	47.0	10.8	3.2	0.3	0.0	20.5	534.3	529.5	514.3	472.5	495.1	.	520.0
Saudi Arabia	217	190	29.1	46.0	22.1	1.8	1.0	1.9	10.1	432.3	434.5	403.5	428.7	412.0	426.3	436.0
Serbia	213	210	33.4	53.0	13.1	0.0	0.4	2.1	0.0	521.2	510.4	480.1	.	553.5	493.4	.
Singapore	362	361	16.5	48.3	32.4	2.8	0.0	0.0	0.3	634.3	615.9	584.4	568.4	.	.	585.9
Slovak Republic	269	269	21.6	54.6	17.2	4.2	2.4	0.0	0.0	530.4	531.7	519.1	418.5	367.9	.	.
Slovenia	269	262	39.0	48.8	11.5	0.7	0.0	0.0	1.6	527.0	524.3	522.8	550.9	.	.	543.1
South Africa (5)	287	233	18.9	47.1	26.2	6.0	1.8	3.1	17.4	319.0	313.3	294.3	318.4	248.1	291.6	308.1
Spain	582	566	13.8	52.2	29.5	4.2	0.3	0.2	2.0	524.0	509.1	489.9	469.2	530.5	495.8	512.4
Sweden	250	213	11.3	48.8	37.7	2.2	0.0	1.0	13.1	550.6	543.1	520.8	473.3	.	477.7	527.4
Turkiye (5)	171	171	26.5	44.8	27.3	1.5	0.0	0.0	0.0	593.5	576.6	541.8	473.7	.	.	.
United Arab Emirates	1435	1286	43.3	48.1	8.5	0.1	0.1	0.8	8.5	516.9	484.5	447.1	549.2	442.2	507.1	490.0
United States	495	475	11.3	35.8	39.8	11.6	1.5	0.3	3.6	570.2	549.1	519.4	495.2	497.2	539.7	526.0
Uzbekistan	168	161	35.7	53.2	11.1	0.0	0.0	2.5	2.0	410.7	414.4	404.4	.	.	401.8	420.6
International Avg. (58)	17865	16124	20.1	48.5	27.6	3.2	0.6	1.1	8.5	511.7	498.5	482.0	467.8	446.1	487.8	492.5
Ontario, Canada	286	243	10.4	35.5	45.3	6.3	2.5	2.3	11.2	552.2	530.2	516.8	514.2	536.3	561.6	515.6
Quebec, Canada	215	194	19.6	42.3	35.6	2.5	0.0	0.8	7.1	522.3	508.2	499.1	491.7	.	510.3	509.8
Abu Dhabi, UAE	553	498	33.0	54.9	12.2	0.0	0.0	0.8	7.7	458.6	446.7	418.9	.	.	389.5	439.2
Dubai, UAE	359	315	49.5	41.9	7.9	0.2	0.5	1.0	8.7	587.1	550.4	507.8	549.2	442.2	531.5	542.8
Sharjah, UAE	284	250	49.6	44.7	5.7	0.0	0.0	0.9	10.9	517.7	496.2	420.0	.	.	659.8	491.7

Question: How would you characterize each of the following within your school? Parental support for student achievement
Location: TQG-06h (ATBG06H)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	95	14.4	31.3	53.9	0.4	0.0	3.4	17.7	513.6	485.1	480.9	454.2	.	493.8	507.0
Armenia	211	201	2.2	37.5	55.8	4.3	0.3	1.2	1.9	436.8	456.2	455.6	491.1	459.1	479.6	461.0
Australia	347	257	7.1	39.5	35.9	15.6	1.9	0.9	26.9	585.6	562.9	549.5	521.9	463.9	522.0	545.2
Azerbaijan	271	223	8.1	31.6	47.7	11.1	1.5	4.9	12.8	429.2	414.8	429.5	411.9	448.4	398.0	420.6
Bahrain	212	212	31.3	43.1	23.2	1.8	0.5	0.0	0.0	485.0	479.3	453.5	484.0	442.4	.	.
Belgium (Flemish)	278	215	2.0	19.6	60.6	16.0	1.8	0.8	19.7	499.9	514.1	494.9	453.3	453.4	482.4	477.0
Belgium (French)	344	292	15.5	36.3	36.0	10.2	1.9	0.9	13.9	484.6	499.7	476.4	455.7	442.1	481.3	464.2
Bosnia & Herzegovina	236	181	1.2	23.6	69.3	4.4	1.5	1.7	20.2	426.1	455.3	450.4	420.8	488.6	462.5	438.8
Brazil	1047	1005	4.5	16.6	47.3	24.5	7.1	2.6	1.5	432.7	467.1	424.5	400.0	408.8	423.2	439.3
Bulgaria	208	201	9.1	31.3	44.5	10.6	4.6	2.8	1.0	560.4	563.0	533.3	435.0	436.5	513.6	515.0
Canada	917	820	7.9	27.2	49.0	13.8	2.1	1.6	8.8	546.4	531.2	517.7	504.5	491.4	545.8	515.3
Chile	178	162	2.5	20.3	54.6	17.7	4.9	1.0	7.1	478.3	499.8	482.6	457.6	440.2	516.2	471.0
Chinese Taipei	238	238	9.4	44.3	41.5	4.9	0.0	0.0	0.0	582.8	576.6	567.7	558.8	.	.	.
Cyprus	267	264	5.0	27.9	47.5	14.8	4.7	0.5	0.8	513.8	502.5	488.0	463.2	430.7	519.4	471.0
Czech Republic	344	338	5.0	43.4	48.7	2.4	0.5	0.7	1.1	535.6	535.7	518.9	486.2	476.0	499.9	525.8
Denmark	278	216	2.0	28.7	57.0	11.2	1.1	2.3	19.1	531.5	534.9	517.4	513.5	524.0	519.5	521.6
England	178	131	11.4	23.4	57.2	6.8	1.2	1.6	20.3	586.9	569.7	550.9	544.8	551.8	532.1	548.0
Finland	369	356	2.8	40.3	48.6	7.8	0.4	0.8	2.6	573.4	555.7	539.6	499.2	403.5	513.4	505.6
France	306	252	5.6	28.7	43.6	15.8	6.2	1.3	15.9	511.5	508.0	485.5	472.9	447.8	501.4	482.2
Georgia	218	215	13.2	44.1	40.0	2.8	0.0	1.2	0.0	466.1	469.2	460.8	471.3	.	417.6	.
Germany	243	209	2.1	25.5	50.9	18.9	2.6	0.3	13.5	556.6	539.6	514.0	486.2	471.4	529.7	517.8
Hong Kong SAR	182	124	4.8	40.6	38.2	15.9	0.6	0.0	31.0	620.7	551.9	528.2	526.4	506.4	.	552.9
Hungary	263	217	0.3	24.7	59.6	12.2	3.2	0.3	15.4	599.2	559.0	523.5	469.9	436.2	532.2	529.8
Iran, Islamic Rep. of	224	222	12.1	38.1	38.4	8.8	2.6	1.0	0.0	448.5	439.4	428.3	391.1	430.9	467.0	.
Ireland	239	236	11.9	45.4	34.2	7.7	0.7	1.0	0.4	542.3	548.5	516.2	492.0	503.9	520.0	537.9
Italy	266	261	1.3	20.5	62.7	14.0	1.4	0.7	0.7	533.0	513.7	510.7	503.5	531.2	471.2	504.4
Japan	142	138	4.7	24.7	55.0	13.1	2.5	1.4	1.6	564.3	565.8	553.5	541.8	523.2	545.6	568.6
Jordan	224	219	16.0	38.0	33.2	9.7	3.1	2.1	0.3	442.2	428.3	407.3	393.0	383.6	379.3	336.1
Kazakhstan	303	283	18.0	50.8	29.9	1.3	0.0	6.3	1.3	466.1	459.0	479.5	507.6	.	455.3	484.2
Korea, Rep. of	199	180	19.2	36.4	30.9	11.7	1.8	0.8	7.5	605.2	589.6	573.8	564.4	554.5	564.4	574.2
Kosovo	231	200	16.4	39.7	39.3	4.6	0.0	3.4	9.5	389.1	410.8	410.9	375.8	.	384.0	386.5
Kuwait	164	163	19.1	40.8	36.4	3.8	0.0	0.0	0.7	416.1	369.4	355.5	348.5	.	.	495.2
Latvia	213	207	0.9	16.5	74.3	7.3	1.0	0.0	3.5	573.8	531.1	524.4	524.7	544.6	.	508.8
Lithuania	250	249	5.0	42.9	47.9	4.0	0.3	0.0	0.5	550.9	540.2	534.0	515.7	525.3	.	572.4
Macao SAR	275	274	4.6	20.4	63.6	10.9	0.4	0.4	0.0	529.1	544.4	537.3	517.4	423.3	552.5	.
Montenegro	338	320	8.5	31.6	52.8	7.1	0.1	1.6	4.0	467.3	464.4	458.0	449.3	472.6	464.5	469.7
Morocco	303	286	3.3	10.0	41.8	31.7	13.3	0.6	5.3	450.2	419.9	406.6	355.2	395.7	381.8	365.7
Netherlands	188	120	2.7	18.8	59.0	17.6	1.9	0.7	32.9	545.5	533.6	519.9	494.0	447.9	472.3	517.3
New Zealand	396	212	2.9	38.0	46.2	12.9	0.0	1.9	44.0	566.7	540.7	520.5	487.6	.	515.2	506.8
North Macedonia	274	203	12.9	33.1	45.5	6.0	2.5	1.5	25.2	426.5	446.2	449.4	411.3	364.8	412.3	433.4
Norway (5)	314	230	3.4	24.4	63.8	8.4	0.0	0.8	22.4	563.6	546.1	527.9	511.9	.	550.1	523.6
Oman	287	277	15.1	49.1	32.6	3.2	0.0	1.5	2.1	440.0	432.4	428.8	436.6	.	439.3	433.7
Poland	267	266	2.6	20.6	66.7	8.7	1.4	0.0	0.7	569.0	559.4	548.9	533.6	506.1	.	572.0
Portugal	321	316	1.3	27.3	58.8	11.2	1.5	0.6	0.8	540.0	524.5	508.2	491.9	458.5	535.7	510.7
Qatar	283	278	22.4	47.4	27.0	2.8	0.5	0.0	2.3	478.7	475.6	458.4	454.1	360.7	576.9	543.2
Romania	188	151	15.8	31.7	39.6	11.0	1.9	0.0	20.5	518.9	535.4	526.3	533.0	473.5	.	520.0
Saudi Arabia	217	190	28.7	37.9	26.8	5.1	1.5	1.9	10.1	434.6	438.2	406.6	410.3	395.9	426.3	436.0
Serbia	213	210	6.8	31.4	53.7	6.7	1.5	2.1	0.0	531.7	516.5	506.2	500.7	467.9	493.4	.
Singapore	362	360	4.9	35.4	52.3	6.3	1.1	0.3	0.3	628.2	625.9	599.7	561.1	558.9	576.0	585.9
Slovak Republic	269	269	2.5	27.5	53.7	12.3	4.0	0.0	0.0	542.2	539.7	528.9	487.4	367.1	.	.
Slovenia	269	262	1.8	21.8	64.2	11.8	0.4	0.0	1.6	534.8	527.6	524.6	523.2	548.9	.	543.1
South Africa (5)	287	236	6.4	23.7	41.2	22.2	6.5	1.2	17.4	293.9	344.8	303.7	295.7	276.1	217.0	308.1
Spain	582	565	5.9	36.0	43.1	13.4	1.7	0.3	2.0	520.7	513.0	502.8	482.8	448.5	482.2	512.4
Sweden	250	213	5.4	28.8	49.6	12.6	3.6	1.0	13.1	559.7	546.4	534.5	513.0	462.3	477.7	527.4
Turkiye (5)	171	171	8.7	26.5	39.2	22.9	2.7	0.0	0.0	610.9	591.7	564.8	546.8	501.1	.	.
United Arab Emirates	1435	1284	25.4	40.4	28.2	4.5	1.5	0.9	8.6	523.4	505.7	466.5	455.6	393.8	509.4	490.5
United States	495	475	6.5	25.4	45.8	18.3	4.1	0.3	3.6	566.5	555.8	532.2	498.0	495.5	539.7	526.0
Uzbekistan	168	159	20.5	51.0	27.7	0.7	0.0	3.6	2.0	413.2	412.2	411.5	379.1	.	403.8	420.6
International Avg. (58)	17865	16109	8.8	32.1	46.8	10.3	2.0	1.2	8.5	512.8	506.3	491.5	473.6	459.1	482.9	492.5
Ontario, Canada	286	243	11.1	19.5	53.1	14.3	2.1	2.3	11.2	551.4	531.3	522.2	511.6	514.8	561.6	515.6
Quebec, Canada	215	194	5.3	30.1	47.5	14.2	2.9	0.8	7.1	521.5	509.8	509.7	496.3	468.8	510.3	509.8
Abu Dhabi, UAE	553	496	13.7	39.8	37.6	5.9	3.0	1.0	7.9	471.8	466.1	430.5	399.6	374.3	420.4	442.1
Dubai, UAE	359	315	29.7	38.0	25.7	5.7	0.9	1.0	8.7	591.6	570.9	537.7	523.8	439.8	531.5	542.8
Sharjah, UAE	284	250	33.6	43.4	19.2	3.2	0.6	0.9	10.9	509.3	518.2	465.7	453.0	428.3	659.8	491.7

Question: How would you characterize each of the following within your school? Students' desire to do well in school
Location: TQG-06i (ATBG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	95	22.1	57.8	20.1	0.0	0.0	3.4	17.7	496.1	483.7	485.3			493.8	507.0
Armenia	211	201	8.7	42.7	46.6	2.0	0.0	1.5	1.9	447.8	458.5	457.2	448.8			484.6
Australia	347	257	6.3	54.3	34.7	4.3	0.5	0.9	26.9	581.3	557.9	541.6	507.5	537.0	522.0	545.2
Azerbaijan	271	225	26.0	45.2	26.6	1.9	0.3	4.7	12.8	418.7	426.9	421.6	423.4	440.3	394.3	420.6
Bahrain	212	212	31.3	54.2	13.0	1.1	0.3	0.0	0.0	490.0	475.0	438.1	489.9	458.9		
Belgium (Flemish)	278	216	3.1	32.2	60.5	3.5	0.7	0.2	19.7	469.1	507.2	486.6	454.1	447.2	483.7	477.0
Belgium (French)	344	294	18.8	39.1	34.0	7.2	0.9	0.8	13.7	484.1	496.2	474.0	459.2	452.7	477.0	464.2
Bosnia & Herzegovina	236	181	15.9	46.0	37.3	0.8	0.0	1.7	20.2	451.9	457.7	440.1	496.5		462.5	438.8
Brazil	1047	1002	9.4	33.0	44.1	12.5	0.9	2.6	1.5	431.8	452.0	408.7	408.6	379.6	422.0	439.3
Bulgaria	208	202	15.1	48.4	32.7	3.8	0.0	2.3	1.0	565.2	557.7	490.6	390.9		497.7	515.0
Canada	917	820	7.4	41.0	45.7	5.6	0.3	1.6	8.8	537.9	529.5	513.7	500.1	528.0	545.8	515.3
Chile	178	162	17.8	40.5	37.0	4.4	0.3	1.0	7.1	487.6	485.2	473.5	453.2	368.7	516.2	471.0
Chinese Taipei	238	238	6.4	46.8	42.3	4.6	0.0	0.0	0.0	586.1	576.0	567.2	568.0			
Cyprus	267	265	6.2	36.8	47.7	9.0	0.4	0.0	0.8	505.4	505.6	479.7	441.0	412.4		471.0
Czech Republic	344	338	1.3	30.7	61.0	6.8	0.2	1.5	1.1	523.7	541.6	520.7	507.9	422.5	513.4	525.8
Denmark	278	216	9.5	42.7	41.8	5.6	0.3	2.3	19.1	528.2	526.7	521.0	488.2	535.4	519.5	521.6
England	178	132	17.4	49.1	31.3	2.1	0.0	0.9	20.3	566.4	562.6	550.1	536.1		527.7	548.0
Finland	369	355	4.5	55.1	37.8	2.7	0.0	1.2	2.6	566.0	549.2	535.2	493.5	418.0	529.6	505.6
France	306	252	2.1	27.7	50.0	15.6	4.6	1.3	15.9	527.4	506.5	489.9	466.3	434.7	501.4	482.2
Georgia	218	215	8.4	52.1	37.3	2.2	0.0	1.2	0.0	468.5	468.3	463.2	428.0		417.6	
Germany	243	209	10.8	56.7	30.1	2.4	0.0	0.3	13.5	528.7	522.3	501.7	450.3		529.7	517.8
Hong Kong SAR	182	124	4.7	56.6	34.0	4.6	0.0	0.0	31.0	569.1	550.9	531.7	476.7			552.9
Hungary	263	217	3.1	37.6	54.2	2.9	2.2	0.3	15.4	587.4	547.8	509.7	472.7	412.8	532.2	529.8
Iran, Islamic Rep. of	224	223	23.6	45.0	28.0	3.0	0.4	0.5	0.0	438.4	430.9	433.9	391.7	262.0	520.3	
Ireland	239	235	12.2	55.8	29.9	2.1	0.0	1.6	0.4	543.0	536.8	520.0	499.1		542.3	537.9
Italy	266	263	5.0	44.7	46.5	3.8	0.0	0.3	0.7	520.4	520.1	502.0	496.5		437.5	504.4
Japan	142	138	8.0	41.6	46.1	4.3	0.0	1.4	1.6	578.5	555.5	551.1	542.2		545.6	568.6
Jordan	224	218	19.9	38.2	37.1	4.8	0.0	2.3	0.3	435.1	430.9	401.3	396.2		368.6	336.1
Kazakhstan	303	285	20.0	57.0	22.7	0.2	0.0	5.4	1.3	456.6	465.8	476.8	531.0		461.8	484.2
Korea, Rep. of	199	180	18.9	40.0	31.2	8.7	1.2	0.8	7.5	600.1	591.4	570.3	569.0	562.9	564.4	574.2
Kosovo	231	201	38.0	45.3	16.3	0.3	0.0	3.1	9.5	406.4	404.3	406.9	383.2		387.6	386.5
Kuwait	164	163	21.1	48.7	27.7	1.3	1.3	0.0	0.7	420.4	366.8	349.9	300.5	357.7		495.2
Latvia	213	206	3.6	34.4	58.3	3.7	0.0	0.5	3.5	541.8	533.9	521.3	515.7		527.5	508.8
Lithuania	250	247	8.6	55.6	35.2	0.5	0.0	1.1	0.5	547.6	544.4	521.9	532.2		545.7	572.4
Macao SAR	275	274	6.5	48.5	44.1	0.9	0.0	0.4	0.0	543.3	538.4	532.6	491.6		552.5	
Montenegro	338	318	12.1	46.7	38.9	2.3	0.0	1.7	4.0	475.0	462.6	454.5	431.2		463.6	469.7
Morocco	303	288	5.2	33.8	51.8	7.0	2.2	0.0	5.3	454.6	410.4	378.9	370.5	317.7	342.3	365.7
Netherlands	188	120	3.8	29.4	58.9	7.3	0.5	0.7	32.9	551.7	532.0	511.1	495.0	435.7	472.3	517.3
New Zealand	396	209	8.1	52.4	38.2	1.3	0.0	1.8	44.0	540.5	527.1	520.9	476.9		517.2	506.8
North Macedonia	274	203	18.8	47.1	30.8	3.3	0.0	1.4	25.2	429.7	445.7	448.6	375.5		398.8	433.4
Norway (5)	314	230	2.8	38.2	54.0	5.1	0.0	1.0	22.4	559.3	539.8	526.0	528.1		541.7	523.6
Oman	287	275	20.3	51.8	25.0	3.0	0.0	2.3	2.1	432.9	433.8	430.4	401.6		465.9	433.7
Poland	267	266	2.6	28.7	61.1	6.6	0.9	0.0	0.7	559.7	557.7	547.1	539.0	518.2		572.0
Portugal	321	317	6.2	46.8	41.9	4.9	0.2	0.4	0.8	520.3	520.7	502.6	470.6	412.5	554.0	510.7
Qatar	283	278	31.5	48.3	18.3	1.2	0.7	0.0	2.3	477.6	476.0	448.8	443.7	374.5	576.9	543.2
Romania	188	151	16.5	47.2	30.5	5.8	0.0	0.0	20.5	519.5	532.9	528.8	504.9			520.0
Saudi Arabia	217	190	46.9	36.7	14.8	1.0	0.5	1.9	10.1	433.3	426.9	406.0	408.8	424.1	426.3	436.0
Serbia	213	209	15.3	53.8	28.8	2.2	0.0	2.6	0.0	521.8	517.4	493.4	467.9		501.0	
Singapore	362	360	4.0	41.7	49.4	4.8	0.0	0.3	0.3	611.2	625.1	594.8	578.7		634.7	585.9
Slovak Republic	269	269	2.6	29.0	59.0	8.3	1.0	0.0	0.0	539.6	540.9	524.1	438.5	347.0		
Slovenia	269	261	27.2	44.8	25.5	2.5	0.0	0.2	1.6	531.3	523.8	523.5	510.7		481.6	543.1
South Africa (5)	287	234	5.4	38.6	40.1	13.3	2.6	1.6	17.4	319.0	329.7	296.1	298.0	270.7	206.7	308.1
Spain	582	566	15.5	51.7	26.6	6.0	0.2	0.2	2.0	515.8	508.4	496.2	471.4	397.3	495.8	512.4
Sweden	250	212	11.6	41.4	42.4	4.6	0.0	1.3	13.1	549.0	539.7	525.0	527.6		487.5	527.4
Turkiye (5)	171	171	9.7	32.0	45.3	12.5	0.6	0.0	0.0	613.7	578.2	563.7	538.5	579.7		
United Arab Emirates	1435	1286	30.5	46.0	19.2	3.8	0.5	0.8	8.5	523.6	502.8	452.7	407.8	377.7	507.1	490.0
United States	495	474	5.3	34.9	47.8	11.5	0.6	0.6	3.6	531.9	547.9	529.0	502.7	527.7	524.7	526.0
Uzbekistan	168	160	21.3	67.2	11.5	0.0	0.0	2.9	2.0	415.1	411.0	413.7			396.5	420.6
International Avg. (58)	17865	16108	13.2	44.3	37.6	4.4	0.4	1.2	8.5	508.2	502.7	486.3	467.8	428.1	486.1	492.5
Ontario, Canada	286	243	5.7	34.5	53.0	6.2	0.6	2.3	11.2	540.1	534.6	520.5	504.2	534.2	561.6	515.6
Quebec, Canada	215	194	7.6	43.3	43.7	5.2	0.2	0.8	7.1	528.6	511.7	501.3	490.8	502.6	510.3	509.8
Abu Dhabi, UAE	553	498	17.0	49.4	25.6	7.0	1.0	0.8	7.7	482.2	467.5	410.6	367.4	343.1	389.5	439.2
Dubai, UAE	359	315	31.2	48.7	16.5	3.5	0.2	1.0	8.7	583.4	572.5	522.5	489.5	496.1	531.5	542.8
Sharjah, UAE	284	250	48.3	36.0	13.8	1.5	0.4	0.9	10.9	520.9	497.2	457.7	461.7	465.2	659.8	491.7

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
Location: TQG-06j (ATBG06J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	95	10.8	45.7	43.5	0.0	0.0	3.4	17.7	508.1	500.9	466.6	.	.	493.8	507.0
Armenia	211	202	5.3	48.9	44.9	0.9	0.0	0.9	1.9	459.3	457.1	457.3	446.1	.	459.2	461.0
Australia	347	256	8.1	53.8	32.9	4.6	0.6	1.2	26.9	569.1	561.9	535.8	517.1	498.6	528.3	545.2
Azerbaijan	271	224	11.8	42.7	42.9	2.5	0.0	4.7	12.8	421.8	422.2	424.9	408.5	.	399.8	420.6
Bahrain	212	212	27.8	51.3	19.2	1.7	0.0	0.0	0.0	495.6	473.3	451.9	451.2	.	.	.
Belgium (Flemish)	278	214	0.0	21.4	70.0	8.6	0.0	1.0	19.7	.	509.7	490.7	451.5	.	480.8	477.0
Belgium (French)	344	293	11.5	54.4	29.4	4.7	0.0	0.9	13.7	496.4	490.1	470.1	457.4	.	476.8	464.2
Bosnia & Herzegovina	236	180	0.8	35.1	61.4	2.7	0.0	2.2	20.2	470.2	459.2	444.8	462.3	447.6	458.9	438.8
Brazil	1047	1004	9.5	30.8	50.2	8.7	0.8	2.7	1.5	454.3	452.5	406.5	405.9	381.8	419.5	439.3
Bulgaria	208	202	9.2	47.0	40.8	3.0	0.0	2.3	1.0	573.0	564.9	490.2	408.7	.	497.7	515.0
Canada	917	819	5.0	37.3	51.4	5.8	0.4	1.7	8.8	565.9	531.6	512.5	495.6	510.2	543.6	515.3
Chile	178	162	7.2	51.0	39.8	1.2	0.8	1.0	7.1	475.3	487.1	472.1	436.2	465.2	516.2	471.0
Chinese Taipei	238	238	5.5	49.8	42.7	2.0	0.0	0.0	0.0	578.6	579.6	564.7	551.2	.	.	.
Cyprus	267	265	3.2	37.0	48.8	9.8	1.3	0.0	0.8	526.4	503.4	483.4	445.9	379.8	.	471.0
Czech Republic	344	338	0.7	22.4	70.5	6.1	0.2	0.8	1.1	534.1	540.9	522.6	511.5	422.5	519.3	525.8
Denmark	278	214	2.3	39.1	50.0	8.3	0.3	3.1	19.1	527.9	530.7	519.0	499.0	535.4	523.9	521.6
England	178	131	14.9	50.3	32.4	2.3	0.0	1.3	20.3	573.8	562.0	550.1	519.9	.	527.7	548.0
Finland	369	356	5.4	48.0	42.8	3.7	0.0	0.8	2.6	568.2	553.7	534.5	473.6	.	513.4	505.6
France	306	252	2.4	30.3	61.1	5.6	0.6	1.3	15.9	513.7	504.9	485.4	431.1	497.3	501.4	482.2
Georgia	218	214	4.2	48.6	46.5	0.7	0.0	1.8	0.0	464.5	467.2	462.7	476.3	.	460.9	.
Germany	243	209	1.3	32.8	58.5	6.9	0.5	0.3	13.5	503.0	535.7	510.7	461.0	447.5	529.7	517.8
Hong Kong SAR	182	124	5.3	48.8	42.4	3.5	0.0	0.0	31.0	566.9	557.8	524.5	489.2	.	552.9	552.9
Hungary	263	217	3.1	31.4	61.5	2.8	1.1	0.3	15.4	572.3	542.4	516.7	426.9	444.2	532.2	529.8
Iran, Islamic Rep. of	224	222	11.6	47.6	35.7	4.7	0.4	0.9	0.0	416.7	439.8	431.0	405.1	262.0	478.7	.
Ireland	239	236	10.3	55.9	32.1	1.7	0.0	0.7	0.4	539.2	541.8	514.7	491.1	.	512.2	537.9
Italy	266	263	1.2	26.4	68.5	3.9	0.0	0.3	0.7	487.4	516.7	509.8	495.3	.	437.5	504.4
Japan	142	138	4.5	23.2	57.5	13.9	0.9	1.4	1.6	569.8	558.5	556.8	536.7	527.3	545.6	568.6
Jordan	224	220	14.5	37.5	43.3	4.7	0.0	1.5	0.3	427.2	427.4	412.1	375.9	456.3	391.1	336.1
Kazakhstan	303	283	19.2	53.7	26.7	0.3	0.0	6.3	1.3	459.6	464.0	478.6	450.9	.	455.6	484.2
Korea, Rep. of	199	179	13.7	33.1	40.4	10.7	2.1	1.3	7.5	604.4	595.8	574.2	565.3	558.0	570.5	574.2
Kosovo	231	200	17.7	55.3	24.2	2.8	0.0	3.8	9.5	397.0	409.1	405.8	392.5	.	385.9	386.5
Kuwait	164	163	16.5	49.9	31.1	1.8	0.7	0.0	0.7	427.6	359.7	368.2	297.8	378.0	.	495.2
Latvia	213	207	2.2	20.6	71.4	5.5	0.3	0.0	3.5	564.7	542.0	521.9	506.5	515.9	.	508.8
Lithuania	250	248	6.7	54.9	37.5	0.5	0.4	0.4	0.5	548.1	545.9	521.2	532.2	566.3	527.7	572.4
Macao SAR	275	274	3.5	44.2	49.8	2.4	0.0	0.4	0.0	551.2	541.1	532.4	482.1	.	552.5	.
Montenegro	338	319	8.0	41.9	48.3	1.8	0.0	2.0	4.0	475.8	460.5	459.8	403.1	417.1	460.1	469.7
Morocco	303	286	4.0	27.3	58.8	9.1	0.8	0.5	5.3	389.8	415.2	384.6	365.0	425.6	366.2	365.7
Netherlands	188	120	3.3	33.9	54.1	8.7	0.0	0.7	32.9	530.9	531.0	513.5	481.2	.	472.3	517.3
New Zealand	396	212	7.0	54.3	38.0	0.7	0.0	1.8	44.0	536.2	532.2	514.4	425.6	.	524.3	506.8
North Macedonia	374	201	15.4	43.5	37.3	3.8	0.0	2.3	25.2	420.9	455.0	437.7	380.8	.	437.6	433.4
Norway (5)	214	231	2.2	33.3	58.9	5.6	0.0	0.8	22.4	576.8	537.8	527.4	532.7	.	552.3	523.6
Oman	287	278	12.8	49.6	36.5	1.0	0.0	1.1	2.1	444.0	435.9	423.9	395.9	.	476.0	433.7
Poland	267	266	3.3	25.2	68.3	3.2	0.0	0.0	0.7	574.3	558.1	545.9	538.8	.	572.0	510.7
Portugal	321	317	1.7	39.9	53.1	5.2	0.2	0.4	0.8	543.3	522.7	503.7	477.4	412.5	554.0	510.7
Qatar	283	276	26.7	47.9	24.0	0.7	0.7	0.6	2.3	478.0	474.1	456.9	423.9	376.4	544.7	543.2
Romania	188	151	15.3	41.8	38.9	3.7	0.3	0.0	20.5	517.4	541.1	522.7	478.2	495.1	.	520.0
Saudi Arabia	217	188	26.7	40.4	28.6	2.7	1.6	2.7	10.1	436.3	430.4	409.8	406.1	438.6	460.8	436.0
Serbia	213	209	3.2	44.9	50.9	0.9	0.0	2.4	0.0	520.3	519.3	501.9	491.2	.	496.2	.
Singapore	362	361	3.6	37.1	54.5	4.8	0.0	0.0	0.3	615.9	627.8	596.1	572.7	.	.	585.9
Slovak Republic	269	267	2.3	25.3	57.3	13.2	1.8	0.4	0.0	532.8	544.2	526.1	464.7	407.7	518.3	.
Slovenia	269	262	2.8	26.5	63.9	6.9	0.0	0.0	1.6	541.7	530.8	522.9	520.7	.	.	543.1
South Africa (5)	287	236	5.3	38.7	46.3	7.9	1.8	1.2	17.4	223.2	343.8	297.1	274.6	285.3	217.0	308.1
Spain	582	566	7.1	46.4	42.7	3.5	0.2	0.2	2.0	517.6	511.7	497.4	458.9	397.3	495.8	512.4
Sweden	250	210	5.2	40.4	47.6	4.8	1.9	1.7	13.3	537.9	548.4	529.2	502.3	424.8	491.7	527.4
Turkiye (5)	171	171	8.3	32.2	45.5	13.6	0.3	0.0	0.0	616.3	585.0	558.9	547.8	415.5	.	.
United Arab Emirates	1435	1283	23.8	46.6	25.1	4.1	0.3	1.0	8.5	527.3	512.5	449.8	397.0	428.9	512.2	490.0
United States	495	475	7.6	39.1	46.0	7.0	0.3	0.3	3.6	543.8	549.4	522.5	491.5	591.4	539.7	526.0
Uzbekistan	168	159	15.4	48.5	36.1	0.0	0.0	3.6	2.0	406.0	418.7	405.5	.	.	403.8	420.6
International Avg. (58)	17865	16098	8.4	40.8	45.9	4.5	0.4	1.2	8.5	507.3	505.5	486.8	460.5	445.5	484.3	492.5
Ontario, Canada	286	242	2.4	32.2	57.6	7.4	0.5	2.6	11.2	564.4	541.3	519.2	494.0	539.2	556.7	515.6
Quebec, Canada	215	194	3.2	39.2	51.9	5.1	0.6	0.8	7.1	534.6	513.6	502.8	490.3	485.0	510.3	509.8
Abu Dhabi, UAE	553	498	11.1	46.1	34.1	8.7	0.0	0.8	7.7	483.0	478.0	414.0	368.4	.	389.5	439.2
Dubai, UAE	359	313	28.1	47.1	22.3	1.6	0.9	1.4	8.7	586.7	578.8	517.3	499.0	427.6	538.2	542.8
Sharjah, UAE	284	250	33.4	47.4	17.6	1.6	0.0	0.9	10.9	513.1	516.5	444.9	500.8	.	659.8	491.7

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel academically
Location: TQG-06k (ATBG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Omitted %	Not Administered %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Omitted Mean	Not Administered Mean
Albania	123	95	31.7	53.3	14.4	0.6	0.0	3.4	17.7	498.6	484.4	469.8	476.6	.	493.8	507.0
Armenia	211	202	25.5	59.7	14.6	0.2	0.0	0.9	1.9	459.1	456.8	455.9	443.1	.	459.2	461.0
Australia	347	257	18.7	58.0	20.9	2.5	0.0	0.9	26.9	568.1	555.3	530.8	508.4	.	522.0	545.2
Azerbaijan	271	224	25.0	55.4	18.0	1.0	0.6	4.7	12.8	419.7	426.0	419.2	399.3	465.4	396.6	420.6
Bahrain	212	212	42.5	48.0	8.2	0.8	0.5	0.0	0.0	488.0	464.7	472.4	468.0	400.7	.	.
Belgium (Flemish)	278	216	8.7	43.7	44.2	3.1	0.3	0.2	19.7	478.7	494.7	491.1	480.2	496.6	483.7	477.0
Belgium (French)	344	293	21.8	45.4	23.8	6.3	2.7	0.9	13.7	486.5	485.0	478.3	466.1	513.6	477.7	464.2
Bosnia & Herzegovina	236	181	4.5	53.7	34.7	6.5	0.5	1.7	20.2	434.1	454.5	450.6	423.8	516.7	462.5	438.8
Brazil	1047	1005	11.7	42.2	39.5	5.4	1.3	2.5	1.5	446.4	440.4	409.7	377.1	383.4	423.1	439.3
Bulgaria	208	201	18.6	49.0	27.7	3.7	1.1	2.8	1.0	563.3	544.7	497.0	479.3	363.1	500.6	515.0
Canada	917	820	13.8	54.1	30.8	1.2	0.1	1.6	8.8	539.7	522.1	512.3	501.0	528.5	545.8	515.3
Chile	178	162	26.6	55.9	15.3	2.2	0.0	1.0	7.1	489.1	478.3	476.5	415.8	.	516.2	471.0
Chinese Taipei	238	238	11.2	54.1	33.0	1.7	0.0	0.0	0.0	577.0	572.3	572.2	562.1	.	.	.
Cyprus	267	265	9.1	41.7	41.1	5.8	2.3	0.0	0.8	498.6	495.2	483.9	455.6	431.8	.	471.0
Czech Republic	344	338	4.5	35.9	53.8	5.5	0.3	0.8	1.1	529.3	529.8	523.0	526.3	517.5	521.8	525.8
Denmark	278	216	9.7	39.7	39.9	9.6	1.0	2.3	19.1	525.0	530.4	519.4	500.3	506.2	519.5	521.6
England	178	133	26.7	48.4	23.7	1.2	0.0	1.7	19.9	574.2	556.6	545.3	576.1	.	535.4	548.2
Finland	369	356	16.0	58.4	22.4	2.7	0.5	0.8	2.6	557.5	544.6	533.5	519.4	499.2	513.4	505.6
France	306	252	9.3	57.6	29.2	3.5	0.4	1.3	15.9	506.1	493.0	478.1	468.3	523.2	501.4	482.2
Georgia	218	215	16.4	61.2	20.6	1.8	0.0	1.2	0.0	471.0	469.9	450.2	440.4	.	417.6	.
Germany	243	209	10.2	47.2	38.1	4.1	0.4	0.3	13.5	517.2	522.1	509.5	488.5	436.5	529.7	517.8
Hong Kong SAR	182	124	16.8	69.5	13.7	0.0	0.0	0.0	31.0	520.4	546.4	545.0	.	.	.	552.9
Hungary	263	217	7.9	40.0	48.2	2.2	1.7	0.3	15.4	551.3	532.1	517.6	476.9	401.6	532.2	529.8
Iran, Islamic Rep. of	224	222	26.3	49.6	21.7	2.4	0.0	1.0	0.0	447.4	433.8	412.6	423.4	.	393.4	.
Ireland	239	235	20.8	65.2	13.8	0.2	0.0	1.6	0.4	532.7	536.2	513.1	498.6	.	512.0	537.9
Italy	266	263	5.9	54.6	36.5	2.7	0.3	0.3	0.7	503.8	508.6	513.7	524.0	575.7	437.5	504.4
Japan	142	138	5.0	41.2	46.1	7.7	0.0	1.4	1.6	563.7	556.5	552.5	553.1	.	545.6	568.6
Jordan	224	220	18.6	45.4	30.8	4.6	0.7	1.5	0.3	428.4	427.2	396.0	445.7	380.4	391.1	336.1
Kazakhstan	303	283	28.6	61.3	9.7	0.2	0.3	6.3	1.3	453.9	469.9	486.3	573.3	450.9	455.6	484.2
Korea, Rep. of	199	180	19.9	46.3	31.1	0.7	2.1	0.8	7.5	600.9	584.4	575.0	562.7	563.5	564.4	574.2
Kosovo	231	201	33.1	43.2	23.0	0.7	0.0	3.1	9.5	401.8	402.4	417.1	389.5	.	387.6	386.5
Kuwait	164	163	36.6	46.5	14.1	2.1	0.8	0.0	0.7	404.9	356.6	353.2	231.7	515.0	.	495.2
Latvia	213	207	7.1	53.4	37.0	2.5	0.0	0.0	3.5	542.2	531.0	516.6	519.6	.	.	508.8
Lithuania	250	249	25.5	61.6	11.4	1.5	0.0	0.0	0.5	544.9	537.1	518.3	527.5	.	.	572.4
Macao SAR	275	274	9.4	59.6	29.7	1.3	0.0	0.4	0.0	544.8	543.5	519.6	480.4	.	552.5	.
Montenegro	338	319	15.6	49.7	32.5	2.2	0.0	1.6	4.0	465.7	462.2	456.3	438.6	400.6	462.7	469.7
Morocco	303	287	18.7	54.6	21.8	4.1	0.8	0.1	5.3	402.1	396.7	376.5	362.8	362.7	330.5	365.7
Netherlands	188	120	5.1	48.6	45.7	0.7	0.0	0.7	32.9	543.8	523.3	507.4	545.0	.	472.3	517.3
New Zealand	396	214	17.3	60.5	19.0	3.2	0.0	1.5	44.0	532.8	525.4	517.7	514.8	.	525.9	506.8
North Macedonia	274	202	17.4	44.2	35.2	3.2	0.0	1.7	25.2	422.7	451.9	442.7	387.4	.	392.2	433.4
Norway (5)	314	231	7.7	45.3	38.5	8.1	0.3	0.8	22.4	538.3	539.7	523.5	524.6	564.8	552.3	523.6
Oman	287	278	23.2	54.0	21.5	1.3	0.0	1.1	2.1	442.3	432.6	420.2	428.9	.	476.0	433.7
Poland	267	264	4.0	37.9	49.2	7.6	1.3	0.7	0.7	563.3	554.4	547.6	536.9	533.5	528.2	572.0
Portugal	321	317	18.5	49.8	28.6	2.3	0.9	0.4	0.8	521.1	513.2	500.2	501.9	488.7	554.0	510.7
Qatar	283	277	36.9	47.1	14.7	0.5	0.8	0.0	2.3	469.5	473.8	468.2	421.9	390.8	572.9	543.2
Romania	188	151	25.4	49.3	20.9	4.4	0.0	0.0	20.5	526.0	533.7	522.2	498.6	.	.	520.0
Saudi Arabia	217	190	39.8	43.6	13.5	2.1	1.0	1.9	10.1	428.9	429.9	416.8	394.5	394.5	426.3	436.0
Serbia	213	210	12.2	50.6	33.8	2.7	0.7	2.1	0.0	505.8	513.6	507.7	503.8	492.3	493.4	.
Singapore	362	361	7.3	57.8	31.7	3.2	0.0	0.0	0.3	609.7	615.9	595.3	570.2	.	.	585.9
Slovak Republic	269	269	3.9	40.9	47.7	6.7	0.7	0.0	0.0	537.5	537.7	510.7	493.0	374.8	.	.
Slovenia	269	261	5.0	44.0	45.8	5.2	0.0	0.3	1.6	531.0	527.3	523.2	525.3	.	487.0	543.1
South Africa (5)	287	236	12.0	43.4	32.9	10.7	1.0	1.2	17.4	346.6	325.6	275.5	310.5	245.6	217.0	308.1
Spain	582	566	19.1	58.1	20.0	2.2	0.6	0.2	2.0	515.4	505.0	491.2	495.1	484.3	495.8	512.4
Sweden	250	213	10.2	37.9	42.0	8.2	1.8	1.0	13.1	544.6	539.0	529.1	526.3	515.8	477.7	527.4
Turkiye (5)	171	171	8.0	49.7	34.6	6.1	1.5	0.0	0.0	609.1	571.3	561.0	554.6	595.6	.	.
United Arab Emirates	1435	1286	36.2	46.3	15.0	2.3	0.2	0.8	8.5	521.4	492.0	456.7	404.0	468.5	507.1	490.0
United States	495	475	15.4	50.3	29.8	4.1	0.4	0.3	3.6	548.5	541.0	516.3	487.3	555.7	539.7	526.0
Uzbekistan	168	159	39.0	52.2	8.8	0.0	0.0	3.6	2.0	412.0	413.2	404.9	.	.	403.8	420.6
International Avg. (58)	17865	16123	17.6	50.3	28.3	3.3	0.5	1.1	8.5	503.6	498.4	486.0	475.1	466.8	478.9	492.5
Ontario, Canada	286	243	8.2	50.5	40.3	0.8	0.2	2.3	11.2	543.9	531.5	514.5	517.6	528.5	561.6	515.6
Quebec, Canada	215	194	13.6	59.5	25.2	1.7	0.0	0.8	7.1	516.6	506.2	505.5	496.5	.	510.3	509.8
Abu Dhabi, UAE	553	498	24.2	47.7	23.3	4.7	0.0	0.8	7.7	473.5	451.2	426.3	375.7	.	389.5	439.2
Dubai, UAE	359	315	39.3	47.1	11.7	1.5	0.4	1.0	8.7	583.4	562.8	519.5	511.2	470.3	531.5	542.8
Sharjah, UAE	284	250	49.2	41.0	8.8	0.6	0.4	0.9	10.9	517.6	495.4	459.8	410.8	465.2	659.8	491.7

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 (ATBG07A)

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
Albania	123	98	95.6	3.3	1.1	0.0	0.9	17.7	485.8	511.6	529.1	.	484.4	507.0
Armenia	211	197	88.5	7.7	2.1	1.7	3.9	1.9	458.5	456.7	451.3	410.6	453.9	461.0
Australia	347	256	81.8	15.4	2.8	0.0	1.2	26.9	554.9	542.2	500.5	.	527.8	545.2
Azerbaijan	271	226	90.5	7.1	0.8	1.6	3.3	12.8	421.1	429.1	455.1	415.0	420.3	420.6
Bahrain	212	212	82.6	14.2	1.9	1.3	0.0	0.0	478.6	458.1	473.8	430.7	.	.
Belgium (Flemish)	278	215	72.0	26.7	1.3	0.0	0.6	19.7	493.0	485.6	512.0	.	491.1	477.0
Belgium (French)	344	294	66.6	27.0	5.7	0.7	0.8	13.7	489.7	470.2	467.7	505.5	481.8	464.2
Bosnia & Herzegovina	236	179	74.0	22.4	1.6	2.0	2.7	20.2	450.5	446.7	438.9	479.5	470.7	438.8
Brazil	1047	1008	64.3	25.8	7.8	2.2	2.0	1.5	433.4	412.9	414.1	376.6	397.0	439.3
Bulgaria	208	205	83.7	13.9	2.3	0.0	0.8	1.0	535.6	514.0	424.3	.	495.6	515.0
Canada	917	820	72.9	23.7	3.3	0.1	1.4	8.8	524.6	514.4	497.7	529.5	548.1	515.3
Chile	178	163	47.4	48.1	4.1	0.4	0.5	7.1	487.3	474.4	451.9	585.3	452.7	471.0
Chinese Taipei	238	236	67.1	31.8	1.1	0.0	0.2	0.0	572.0	574.4	566.0	.	522.9	.
Cyprus	267	264	71.7	24.6	3.7	0.0	0.2	0.8	492.8	474.2	460.0	.	542.3	471.0
Czech Republic	344	338	71.0	27.8	1.2	0.0	0.6	1.1	525.3	528.6	504.5	.	505.0	525.8
Denmark	278	216	84.1	14.0	1.5	0.4	2.3	19.1	525.2	505.7	511.1	532.7	519.5	521.6
England	178	135	89.4	6.6	4.0	0.0	0.0	19.9	559.5	555.9	536.5	.	.	548.2
Finland	369	356	66.7	31.9	1.5	0.0	0.6	2.6	549.1	531.3	521.9	.	543.2	505.6
France	306	252	50.6	46.5	2.9	0.0	1.3	15.9	494.6	484.9	459.7	.	501.4	482.2
Georgia	218	217	88.7	10.4	0.3	0.6	0.2	0.0	465.8	460.2	474.1	439.4	422.8	.
Germany	243	209	77.1	20.0	2.9	0.0	0.3	13.5	522.0	493.7	477.7	.	529.7	517.8
Hong Kong SAR	182	124	79.2	19.1	0.0	1.6	0.0	31.0	542.9	537.4	.	539.3	.	552.9
Hungary	263	218	67.3	30.0	2.7	0.0	0.0	15.4	528.6	510.4	533.5	.	.	529.8
Iran, Islamic Rep. of	224	222	84.1	11.7	3.7	0.5	0.8	0.0	432.1	427.8	442.4	424.1	448.4	.
Ireland	239	237	89.4	8.0	2.1	0.4	0.5	0.4	534.7	512.0	498.8	491.3	511.7	537.9
Italy	266	263	45.8	47.9	6.1	0.3	0.7	0.7	515.4	506.3	509.9	495.9	497.1	504.4
Japan	142	138	40.0	48.4	9.5	2.1	1.6	1.6	555.5	554.3	552.5	560.3	546.6	568.6
Jordan	224	221	70.6	23.9	5.2	0.3	0.0	0.3	421.2	414.9	384.8	495.2	346.1	336.1
Kazakhstan	303	286	78.4	16.9	3.8	0.9	4.9	1.3	469.0	457.7	471.0	414.0	459.4	484.2
Korea, Rep. of	199	181	62.3	33.5	3.9	0.3	0.5	7.5	585.8	580.2	591.6	588.0	558.9	574.2
Kosovo	231	201	87.0	11.7	1.1	0.1	3.2	9.5	407.6	395.9	483.7	433.4	343.3	386.5
Kuwait	164	162	87.7	11.6	0.7	0.0	0.5	0.7	378.5	323.4	436.3	.	366.2	495.2
Latvia	213	207	69.9	28.4	1.7	0.0	0.0	3.5	526.9	523.3	544.8	.	.	508.8
Lithuania	250	248	73.0	25.6	1.3	0.0	0.2	0.5	539.5	528.1	549.2	.	561.6	572.4
Macao SAR	275	275	69.2	27.9	2.9	0.0	0.0	0.0	539.8	528.6	508.6	.	.	.
Montenegro	338	322	89.2	9.2	0.9	0.6	1.0	4.0	460.3	455.7	488.1	441.9	489.3	469.7
Morocco	303	288	74.3	21.3	3.5	0.9	0.0	5.3	399.1	374.6	360.1	296.4	342.3	365.7
Netherlands	188	121	72.8	25.0	2.3	0.0	0.4	32.9	518.1	511.6	525.1	.	529.4	517.3
New Zealand	396	215	84.3	13.6	2.1	0.0	1.2	44.0	526.6	517.7	517.7	.	512.2	506.8
North Macedonia	274	203	83.1	13.6	3.3	0.0	1.4	25.2	444.7	419.4	414.0	.	448.4	433.4
Norway (5)	314	231	76.9	18.4	3.7	0.9	0.8	22.4	534.7	522.7	534.0	503.6	552.3	523.6
Oman	287	278	76.7	20.1	2.3	0.9	1.0	2.1	435.7	421.8	433.0	394.6	452.6	433.7
Poland	267	266	74.4	23.8	0.7	1.1	0.0	0.7	551.3	543.6	573.5	561.2	.	572.0
Portugal	321	317	86.5	12.6	0.8	0.0	0.4	0.8	511.7	503.4	486.2	.	554.0	510.7
Qatar	283	278	89.2	10.0	0.0	0.8	0.6	2.3	474.1	449.3	.	386.9	382.2	543.2
Romania	188	151	91.8	6.2	1.6	0.4	0.0	20.5	528.8	518.1	496.2	563.9	.	520.0
Saudi Arabia	217	192	84.4	12.9	2.2	0.6	1.2	10.1	428.6	417.6	421.9	389.6	413.2	436.0
Serbia	213	212	75.8	21.3	1.7	1.1	0.5	0.0	510.4	508.6	497.1	526.6	484.7	.
Singapore	362	361	79.5	18.9	0.7	0.9	0.0	0.3	606.3	615.6	534.2	594.3	.	585.9
Slovak Republic	269	269	72.6	25.6	1.5	0.4	0.0	0.0	526.7	509.6	406.8	545.5	.	.
Slovenia	269	262	54.9	43.5	1.7	0.0	0.0	1.6	526.1	524.7	517.8	.	.	543.1
South Africa (5)	287	238	54.8	31.3	11.2	2.7	0.4	17.4	339.0	277.7	261.3	232.7	229.1	308.1
Spain	582	565	83.0	14.0	2.4	0.7	0.6	2.0	504.5	500.6	498.9	533.1	482.3	512.4
Sweden	250	213	72.3	23.6	3.8	0.3	1.0	13.1	539.8	525.4	480.3	476.7	477.7	527.4
Turkiye (5)	171	170	68.3	26.4	3.7	1.6	0.8	0.0	576.1	555.0	555.3	598.7	567.5	.
United Arab Emirates	1435	1287	91.2	8.1	0.6	0.1	0.6	8.5	498.8	463.5	386.5	467.3	523.2	490.0
United States	495	478	71.9	23.9	4.0	0.2	0.0	3.5	537.7	521.0	515.0	468.9	.	527.0
Uzbekistan	168	159	96.3	3.7	0.0	0.0	3.4	2.0	410.7	428.8	.	.	422.0	420.6
International Avg. (58)	17865	16155	75.8	21.0	2.6	0.5	0.9	8.5	498.0	486.4	482.5	475.8	474.2	492.5
Ontario, Canada	286	243	70.6	27.7	1.6	0.2	1.9	11.2	527.5	522.7	488.9	528.5	568.9	515.6
Quebec, Canada	215	194	68.1	26.9	5.0	0.0	0.8	7.1	510.0	502.3	496.9	.	511.4	509.8
Abu Dhabi, UAE	553	498	89.8	9.3	0.8	0.1	0.8	7.7	448.6	441.7	329.3	414.9	417.3	439.2
Dubai, UAE	359	317	91.4	7.4	1.1	0.2	0.2	8.7	570.1	514.0	440.8	496.1	440.7	542.8
Sharjah, UAE	284	250	93.2	6.8	0.0	0.0	0.9	10.9	506.2	451.9	.	.	659.8	491.7

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 (ATBG07B)

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
Albania	123	98	89.0	8.5	2.5	0.0	0.9	17.7	486.1	487.5	520.8	.	484.4	507.0
Armenia	211	197	88.7	9.5	0.9	0.9	3.9	1.9	456.9	455.0	515.1	469.2	453.9	461.0
Australia	347	256	72.0	21.8	6.0	0.2	1.2	26.9	553.5	558.9	499.4	571.2	527.8	545.2
Azerbaijan	271	226	79.3	17.2	2.4	1.1	3.3	12.8	423.3	415.5	432.8	388.6	420.3	420.6
Bahrain	212	211	78.0	19.0	0.4	1.8	0.5	0.0	481.4	453.5	563.6	452.9	304.7	.
Belgium (Flemish)	278	215	59.0	39.5	1.5	0.0	0.6	19.7	498.2	479.8	518.2	.	491.1	477.0
Belgium (French)	344	292	52.7	34.8	11.3	1.3	1.2	13.7	490.2	475.6	479.0	450.6	479.6	464.2
Bosnia & Herzegovina	236	178	59.8	36.1	2.4	1.7	2.9	20.2	454.0	442.5	447.6	480.4	467.0	438.8
Brazil	1047	1006	46.2	35.9	14.5	3.4	2.8	1.5	445.9	413.3	396.9	391.9	410.2	439.3
Bulgaria	208	205	85.1	11.5	3.4	0.0	0.8	1.0	534.3	509.5	490.9	.	495.6	515.0
Canada	917	819	56.9	33.3	8.2	1.6	1.6	8.8	525.9	516.4	503.6	539.3	553.8	515.3
Chile	178	163	34.2	48.1	17.7	0.0	0.5	7.1	491.3	472.7	478.1	.	452.7	471.0
Chinese Taipei	238	235	60.5	36.6	2.9	0.0	0.7	0.0	572.6	572.3	586.6	.	533.1	.
Cyprus	267	264	73.8	20.6	5.7	0.0	0.2	0.8	491.8	479.3	452.7	.	542.3	471.0
Czech Republic	344	338	61.3	37.2	1.2	0.3	0.6	1.1	526.6	525.3	517.0	514.5	505.0	525.8
Denmark	278	215	72.3	21.8	5.5	0.4	2.6	19.1	523.7	522.1	505.3	532.7	517.3	521.6
England	178	135	83.4	14.4	1.4	0.7	0.0	19.9	560.0	550.5	532.2	566.3	.	548.2
Finland	369	356	58.7	36.3	5.0	0.0	0.6	2.6	546.5	539.7	526.3	.	543.2	505.6
France	306	252	39.5	45.8	14.0	0.7	1.3	15.9	496.8	484.9	481.6	472.2	501.4	482.2
Georgia	218	217	84.1	14.2	1.1	0.6	0.2	0.0	466.3	460.4	445.4	439.4	422.8	.
Germany	243	209	57.4	36.6	5.1	0.8	0.3	13.5	522.6	508.3	477.4	527.5	529.7	517.8
Hong Kong SAR	182	124	74.8	22.9	1.2	1.0	0.0	31.0	543.6	533.4	593.0	539.5	.	552.9
Hungary	263	217	62.3	34.8	2.9	0.0	0.4	15.4	527.9	514.2	527.9	.	537.4	529.8
Iran, Islamic Rep. of	224	221	79.2	16.9	3.4	0.5	1.2	0.0	433.4	427.5	410.3	465.7	457.1	.
Ireland	239	237	86.7	12.1	0.7	0.4	0.5	0.4	534.0	521.2	496.5	491.3	511.7	537.9
Italy	266	263	43.1	50.3	5.9	0.7	0.7	0.7	519.8	504.0	503.6	485.4	497.1	504.4
Japan	142	138	12.5	72.6	12.7	2.2	1.6	1.6	554.4	555.6	553.3	536.2	546.6	568.6
Jordan	224	221	63.1	32.5	4.4	0.0	0.0	0.3	422.1	411.1	409.3	.	346.1	336.1
Kazakhstan	303	283	64.7	32.6	1.9	0.7	5.8	1.3	472.0	453.6	520.4	378.8	467.0	484.2
Korea, Rep. of	199	180	60.3	35.4	3.9	0.3	1.1	7.5	588.3	576.6	592.8	536.2	570.0	574.2
Kosovo	231	199	64.0	29.0	6.2	0.8	4.0	9.5	404.0	411.8	421.2	431.3	347.2	386.5
Kuwait	164	162	84.0	14.7	0.7	0.6	0.6	0.7	382.0	319.1	523.7	232.4	334.6	495.2
Latvia	213	207	61.9	35.7	2.4	0.0	0.0	3.5	528.7	521.1	535.4	.	.	508.8
Lithuania	250	248	70.1	27.1	1.9	0.9	0.2	0.5	540.3	529.0	507.0	553.6	561.6	572.4
Macao SAR	275	275	66.8	29.1	4.0	0.0	0.0	0.0	538.3	532.1	520.0	.	.	.
Montenegro	338	321	81.6	14.6	2.4	1.5	0.1	4.0	461.3	455.5	448.8	475.2	428.2	469.7
Morocco	303	287	52.5	30.7	12.9	3.9	0.6	5.3	405.8	378.3	378.3	362.7	301.4	365.7
Netherlands	188	121	61.8	35.8	2.4	0.0	0.4	32.9	516.6	516.1	527.0	.	529.4	517.3
New Zealand	396	214	77.2	19.8	2.6	0.4	1.6	44.0	526.8	517.8	526.7	533.3	520.7	506.8
North Macedonia	274	201	68.6	24.3	5.9	1.2	2.3	25.2	447.1	421.2	462.8	319.6	445.9	433.4
Norway (5)	314	230	42.1	46.5	10.8	0.5	1.2	22.4	536.0	530.6	523.1	512.9	559.8	523.6
Oman	287	278	59.4	37.0	3.4	0.3	1.0	2.1	435.2	426.9	446.0	410.0	452.6	433.7
Poland	267	266	69.7	28.9	0.6	0.8	0.0	0.7	550.4	548.2	529.5	559.3	.	572.0
Portugal	321	316	76.4	20.8	2.3	0.5	0.7	0.8	511.7	506.1	503.8	519.3	541.3	510.7
Qatar	283	278	91.3	8.1	0.5	0.1	0.6	2.3	471.5	460.4	560.1	428.1	382.2	543.2
Romania	188	151	74.9	18.4	2.6	4.1	0.0	20.5	527.9	526.6	520.2	535.7	.	520.0
Saudi Arabia	217	192	84.5	10.2	4.2	1.1	1.2	10.1	429.6	412.9	413.8	394.4	413.2	436.0
Serbia	213	212	74.1	22.3	2.8	0.8	0.5	0.0	510.8	506.5	509.7	534.5	484.7	.
Singapore	362	361	74.0	25.0	1.0	0.0	0.0	0.3	607.2	608.7	590.9	.	.	585.9
Slovak Republic	269	268	69.5	27.6	2.5	0.3	0.4	0.0	523.2	520.5	447.2	531.4	531.4	.
Slovenia	269	262	37.6	50.7	11.2	0.5	0.0	1.6	528.4	523.4	523.6	532.4	.	543.1
South Africa (5)	287	237	46.1	37.3	10.6	6.0	0.9	17.4	343.5	290.2	255.1	236.2	315.5	308.1
Spain	582	564	74.2	22.2	2.5	1.1	0.6	2.0	507.3	489.7	520.5	528.0	482.4	512.4
Sweden	250	212	41.3	51.4	6.2	1.1	1.4	13.1	538.8	535.5	493.4	521.6	481.9	527.4
Turkiye (5)	171	170	62.6	27.4	7.0	3.1	0.8	0.0	574.5	562.0	568.4	557.8	567.5	.
United Arab Emirates	1435	1287	86.9	11.9	0.8	0.3	0.6	8.5	500.1	460.7	454.3	566.7	521.2	490.0
United States	495	478	58.2	30.4	9.7	1.7	0.0	3.5	537.1	534.1	504.0	519.2	.	527.0
Uzbekistan	168	158	88.9	11.1	0.0	0.0	3.9	2.0	411.0	413.4	.	.	422.5	420.6
International Avg. (58)	17865	16126	66.2	28.2	4.7	0.9	1.1	8.5	498.9	487.6	494.6	477.8	473.3	492.5
Ontario, Canada	286	242	56.2	34.1	7.4	2.3	2.2	11.2	526.5	526.1	511.9	524.6	574.5	515.6
Quebec, Canada	215	194	45.5	44.3	9.9	0.4	0.8	7.1	514.2	503.1	494.8	496.2	511.4	509.8
Abu Dhabi, UAE	553	498	85.1	14.5	0.3	0.1	0.8	7.7	453.9	406.0	484.9	414.9	417.3	439.2
Dubai, UAE	359	318	83.0	14.5	1.7	0.8	0.0	8.7	572.2	529.4	460.6	593.4	.	542.8
Sharjah, UAE	284	250	91.2	7.7	0.8	0.3	0.9	10.9	507.4	455.8	400.0	513.9	659.8	491.7

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 (ATBG07C)

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
Albania	123	98	82.6	17.4	0.0	0.0	0.9	17.7	486.4	490.7	.	.	484.4	507.0
Armenia	211	197	52.8	45.8	0.9	0.5	3.9	1.9	461.4	452.5	467.7	456.7	453.9	461.0
Australia	347	256	39.0	41.3	15.9	3.9	1.2	26.9	564.4	550.5	530.3	518.0	527.8	545.2
Azerbaijan	271	225	56.5	35.4	6.2	1.9	4.1	12.8	420.5	421.5	439.6	412.8	417.9	420.6
Bahrain	212	211	56.0	34.2	7.8	2.0	0.3	0.0	488.1	456.0	465.8	483.3	368.0	.
Belgium (Flemish)	278	215	7.3	74.5	17.3	0.8	0.6	19.7	509.1	495.9	471.1	343.2	491.1	477.0
Belgium (French)	344	294	16.6	60.5	19.8	3.1	0.8	13.7	504.6	483.9	472.6	426.8	481.8	464.2
Bosnia & Herzegovina	236	179	35.7	58.8	3.2	2.4	2.7	20.2	448.4	450.6	442.2	471.1	470.7	438.8
Brazil	1047	1005	37.1	41.6	17.0	4.3	2.1	1.5	445.7	418.7	408.0	384.9	397.0	439.3
Bulgaria	208	204	37.3	52.4	9.5	0.7	1.3	1.0	545.1	532.7	478.0	405.9	422.7	515.0
Canada	917	819	22.4	46.3	27.0	4.3	1.5	8.8	542.3	520.5	509.1	496.8	546.2	515.3
Chile	178	163	22.6	63.4	13.0	1.0	0.5	7.1	486.2	483.2	460.9	393.8	452.7	471.0
Chinese Taipei	238	236	12.2	65.4	20.6	1.7	0.2	0.0	571.4	572.2	575.7	564.4	522.9	.
Cyprus	267	265	37.2	43.8	13.4	5.6	0.0	0.8	496.8	486.2	480.4	446.8	.	471.0
Czech Republic	344	339	10.6	76.1	13.1	0.2	0.3	1.1	535.9	524.9	524.2	480.1	523.4	525.8
Denmark	278	215	27.9	48.2	20.1	3.9	2.7	19.1	533.4	523.3	509.6	493.4	523.2	521.6
England	178	135	57.5	31.9	10.5	0.0	0.0	19.9	563.6	553.9	542.9	.	.	548.2
Finland	369	356	17.0	58.2	23.3	1.5	0.6	2.6	557.5	546.3	525.4	526.0	543.2	505.6
France	306	252	15.8	57.7	21.8	4.7	1.3	15.9	504.7	491.8	476.6	461.8	501.4	482.2
Georgia	218	216	38.3	55.2	4.8	1.8	0.9	0.0	465.3	466.9	452.6	438.3	449.9	.
Germany	243	209	13.9	66.2	18.6	1.4	0.3	13.5	525.2	520.4	495.0	427.7	529.7	517.8
Hong Kong SAR	182	124	50.1	41.4	7.5	1.0	0.0	31.0	539.4	549.0	518.5	539.5	.	552.9
Hungary	263	218	26.4	58.7	13.7	1.3	0.0	15.4	537.6	527.7	481.9	464.6	.	529.8
Iran, Islamic Rep. of	224	221	48.0	43.1	6.9	2.0	1.4	0.0	439.3	426.0	412.1	452.1	441.8	.
Ireland	239	236	61.3	32.1	6.0	0.7	1.0	0.4	540.3	522.8	499.3	503.9	523.1	537.9
Italy	266	263	17.7	71.3	10.1	0.9	0.7	0.7	512.5	513.6	490.6	465.0	497.1	504.4
Japan	142	138	2.9	77.2	18.7	1.2	1.6	1.6	551.9	556.2	548.6	566.2	546.6	568.6
Jordan	224	221	33.1	50.9	11.7	4.3	0.0	0.3	422.7	412.7	439.1	387.1	346.1	336.1
Kazakhstan	303	285	58.5	36.1	4.4	1.0	5.3	1.3	470.3	454.5	525.2	397.6	466.5	484.2
Korea, Rep. of	199	180	33.3	46.2	18.3	2.2	1.1	7.5	590.2	584.0	577.1	557.6	565.8	574.2
Kosovo	231	201	65.4	29.8	4.8	0.0	3.2	9.5	404.4	414.3	399.0	.	343.3	386.5
Kuwait	164	160	45.1	44.2	8.6	2.1	1.8	0.7	395.4	361.5	310.5	352.6	388.0	495.2
Latvia	213	206	9.3	68.9	18.5	3.3	0.2	3.5	518.0	528.6	528.2	483.8	558.2	508.8
Lithuania	250	248	21.2	67.7	10.6	0.4	0.2	0.5	544.8	536.3	522.1	566.3	561.6	572.4
Macao SAR	275	275	38.8	50.7	9.9	0.7	0.0	0.0	537.0	538.4	517.1	542.2	.	.
Montenegro	338	321	46.2	50.5	2.5	0.8	1.0	4.0	465.3	456.2	450.0	431.1	486.9	469.7
Morocco	303	287	37.4	52.5	9.1	0.9	0.6	5.3	401.9	388.7	362.2	367.5	479.0	365.7
Netherlands	188	121	37.2	50.2	11.8	0.8	0.4	32.9	523.8	512.1	518.2	445.5	529.4	517.3
New Zealand	396	215	47.7	42.0	8.5	1.9	1.2	44.0	538.7	513.6	504.8	532.7	512.2	506.8
North Macedonia	274	204	56.5	31.9	11.7	0.0	1.1	25.2	439.5	446.3	426.3	.	459.9	433.4
Norway (5)	314	231	19.7	53.6	24.0	2.7	0.8	22.4	545.6	534.5	516.7	526.3	552.3	523.6
Oman	287	277	33.3	50.2	13.9	2.6	1.3	2.1	437.9	431.5	419.1	460.6	433.0	433.7
Poland	267	264	14.0	65.0	19.1	1.9	0.7	0.7	549.8	550.5	544.7	577.8	528.2	572.0
Portugal	321	317	40.8	48.5	9.6	1.1	0.4	0.8	518.3	506.7	498.1	497.3	554.0	510.7
Qatar	283	278	68.1	25.5	4.5	1.9	0.6	2.3	477.4	462.6	444.7	414.3	382.2	543.2
Romania	188	151	58.7	35.2	5.1	0.9	0.0	20.5	529.8	527.6	502.6	548.5	.	520.0
Saudi Arabia	217	192	59.3	29.7	7.9	3.1	1.2	10.1	430.6	425.7	407.5	414.2	413.2	436.0
Serbia	213	211	36.4	53.5	8.8	1.2	0.8	0.0	505.8	516.2	486.0	527.6	505.9	.
Singapore	362	361	38.4	49.7	9.5	2.4	0.0	0.3	613.6	601.4	613.6	607.9	.	585.9
Slovak Republic	269	269	21.5	61.6	15.0	1.9	0.0	0.0	535.1	525.0	491.8	442.6	.	.
Slovenia	269	262	4.8	66.3	28.0	0.8	0.0	1.6	536.9	525.2	524.0	514.5	.	543.1
South Africa (5)	287	239	27.5	43.8	18.2	10.5	0.0	17.4	343.5	298.7	292.7	279.3	.	308.1
Spain	582	565	41.3	48.0	9.6	1.1	0.6	2.0	514.1	500.4	480.5	485.4	482.3	512.4
Sweden	250	213	17.0	64.9	13.7	4.4	1.0	13.1	544.5	537.6	520.1	483.2	477.7	527.4
Turkiye (5)	171	170	32.3	50.5	15.3	1.9	0.8	0.0	583.3	564.5	558.5	589.8	567.5	.
United Arab Emirates	1435	1287	58.4	30.9	8.2	2.4	0.6	8.5	517.6	475.1	434.6	417.4	518.0	490.0
United States	495	477	27.7	46.3	19.3	6.7	0.2	3.5	548.0	532.6	520.4	505.6	487.2	527.0
Uzbekistan	168	158	71.6	28.4	0.0	0.0	3.9	2.0	413.4	405.8	.	.	422.5	420.6
International Avg. (58)	17865	16135	36.3	49.5	12.2	2.1	1.0	8.5	503.0	493.2	482.4	471.3	482.0	492.5
Ontario, Canada	286	243	22.5	41.5	30.3	5.7	1.9	11.2	536.0	529.1	517.7	500.5	568.9	515.6
Quebec, Canada	215	193	5.9	56.9	33.9	3.3	1.2	7.1	533.9	510.7	498.1	492.2	516.5	509.8
Abu Dhabi, UAE	553	498	48.4	34.7	12.9	4.0	0.8	7.7	480.1	430.3	387.4	382.6	417.3	439.2
Dubai, UAE	359	317	60.7	29.1	8.2	2.0	0.2	8.7	581.1	549.6	522.2	458.5	403.9	542.8
Sharjah, UAE	284	250	71.1	23.0	3.9	2.1	0.9	10.9	513.6	482.8	428.6	479.1	659.8	491.7

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 (ATBG07D)

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
Albania	123	98	84.8	14.1	0.0	1.1	0.9	17.7	485.5	503.0	.	406.2	484.4	507.0
Armenia	211	197	73.3	23.0	3.8	0.0	3.9	1.9	458.8	455.0	443.2	.	453.9	461.0
Australia	347	254	44.6	37.0	16.1	2.4	1.8	26.9	562.4	549.3	535.9	486.0	535.1	545.2
Azerbaijan	271	223	69.3	22.2	7.2	1.3	4.6	12.8	421.2	426.9	414.2	398.0	423.5	420.6
Bahrain	212	211	67.6	27.0	3.1	2.2	0.3	0.0	482.1	457.4	470.4	492.4	368.0	.
Belgium (Flemish)	278	214	12.8	74.8	11.2	1.2	1.0	19.7	508.2	491.4	475.3	474.8	469.7	477.0
Belgium (French)	344	293	25.3	57.9	15.3	1.4	1.0	13.7	499.2	483.8	461.9	421.2	469.3	464.2
Bosnia & Herzegovina	236	179	40.4	54.2	2.7	2.7	2.7	20.2	443.3	454.6	443.5	467.3	470.7	438.8
Brazil	1047	1006	46.6	40.7	10.9	1.8	2.0	1.5	442.5	415.3	397.4	382.1	396.9	439.3
Bulgaria	208	205	41.4	49.7	7.2	1.7	0.8	1.0	543.6	527.4	492.2	436.2	495.6	515.0
Canada	917	819	27.1	49.1	20.5	3.4	1.5	8.8	539.6	518.1	507.8	502.6	546.2	515.3
Chile	178	161	30.5	63.4	6.1	0.0	1.7	7.1	487.5	479.5	455.2	.	449.9	471.0
Chinese Taipei	238	236	17.9	69.6	11.4	1.1	0.2	0.0	568.4	573.5	576.0	560.7	522.9	.
Cyprus	267	264	33.5	41.0	20.4	5.1	0.5	0.8	496.1	487.7	484.4	433.2	496.6	471.0
Czech Republic	344	338	20.1	69.8	9.8	0.3	0.6	1.1	526.6	526.9	518.0	531.9	505.0	525.8
Denmark	278	215	29.1	45.1	22.6	3.2	2.7	19.1	530.2	523.5	512.0	504.3	523.2	521.6
England	178	135	58.4	30.9	10.7	0.0	0.0	19.9	563.5	554.7	540.8	.	.	548.2
Finland	369	356	16.3	62.2	20.2	1.3	0.6	2.6	560.8	545.0	524.5	514.2	543.2	505.6
France	306	252	24.0	58.8	17.2	0.0	1.3	15.9	501.1	486.5	481.1	.	501.4	482.2
Georgia	218	214	60.6	34.8	3.7	0.9	1.6	0.0	466.9	463.9	439.3	479.4	467.5	.
Germany	243	208	17.1	65.6	14.6	2.7	0.7	13.5	517.1	521.9	490.8	480.4	478.0	517.8
Hong Kong SAR	182	124	56.6	40.5	1.9	1.0	0.0	31.0	539.1	547.4	502.8	539.5	.	552.9
Hungary	263	218	30.8	53.9	13.7	1.5	0.0	15.4	528.3	527.1	494.2	547.5	.	529.8
Iran, Islamic Rep. of	224	222	60.0	32.6	6.9	0.5	0.8	0.0	436.3	430.5	402.9	403.9	448.4	.
Ireland	239	236	63.4	31.3	5.2	0.0	1.0	0.4	538.4	523.9	503.1	.	523.1	537.9
Italy	266	263	30.9	61.3	7.9	0.0	0.7	0.7	514.3	511.9	487.1	.	497.1	504.4
Japan	142	138	1.9	82.6	15.5	0.0	1.6	1.6	558.4	554.3	556.9	.	546.6	568.6
Jordan	224	220	47.4	45.7	5.0	1.8	0.5	0.3	423.8	414.3	422.4	376.1	295.1	336.1
Kazakhstan	303	285	64.0	33.0	1.9	1.1	5.3	1.3	469.7	457.8	532.7	404.9	466.5	484.2
Korea, Rep. of	199	181	36.5	52.5	10.3	0.7	0.5	7.5	588.8	585.6	561.4	562.3	558.9	574.2
Kosovo	231	201	66.0	30.8	3.2	0.0	3.2	9.5	405.3	407.9	436.8	.	343.3	386.5
Kuwait	164	161	63.6	29.8	5.1	1.5	1.2	0.7	387.8	339.4	353.1	431.1	392.5	495.2
Latvia	213	207	14.4	67.6	16.7	1.3	0.0	3.5	527.3	529.9	509.3	534.7	.	508.8
Lithuania	250	248	27.6	64.2	8.2	0.0	0.2	0.5	540.2	537.3	520.0	.	561.6	572.4
Macao SAR	275	275	41.8	50.8	5.7	1.7	0.0	0.0	536.5	539.7	491.4	548.4	.	.
Montenegro	338	321	44.5	51.2	3.0	1.3	1.0	4.0	462.5	458.6	448.5	456.5	486.9	469.7
Morocco	303	286	65.8	30.4	3.7	0.0	0.5	5.3	402.8	374.2	338.1	.	375.3	365.7
Netherlands	188	121	43.9	42.3	13.5	0.3	0.4	32.9	525.8	510.4	507.6	466.2	529.4	517.3
New Zealand	396	215	50.3	40.9	8.1	0.6	1.2	44.0	534.4	515.3	516.7	538.2	512.2	506.8
North Macedonia	274	203	66.4	24.9	8.5	0.2	1.4	25.2	440.0	452.8	405.4	459.2	448.4	433.4
Norway (5)	314	231	17.9	53.8	22.3	6.0	0.8	22.4	550.2	532.1	521.7	518.3	523.3	523.6
Oman	287	278	43.9	45.0	8.8	2.3	1.0	2.1	439.3	429.2	412.0	443.4	452.6	433.7
Poland	267	264	19.0	62.0	15.9	3.0	0.7	0.7	552.8	551.0	545.1	532.9	528.2	572.0
Portugal	321	316	53.4	38.9	6.4	1.3	0.7	0.8	513.6	509.5	495.8	483.4	529.3	510.7
Qatar	283	277	77.8	16.5	4.5	1.2	1.0	2.3	472.3	475.3	431.2	444.7	452.9	543.2
Romania	188	151	59.0	34.1	5.9	0.9	0.0	20.5	529.6	524.0	529.2	548.5	.	520.0
Saudi Arabia	217	192	72.6	21.6	3.8	2.0	1.2	10.1	429.1	421.0	425.9	407.2	413.2	436.0
Serbia	213	212	49.9	46.5	2.0	1.6	0.5	0.0	510.4	511.5	503.6	462.8	484.7	.
Singapore	362	361	41.5	49.8	6.9	1.8	0.0	0.3	611.8	603.0	611.7	611.4	.	585.9
Slovak Republic	269	269	15.5	64.4	17.6	2.5	0.0	0.0	538.1	525.2	495.7	467.7	.	.
Slovenia	269	262	7.4	70.1	21.7	0.8	0.0	1.6	532.8	525.0	524.3	516.9	.	543.1
South Africa (5)	287	239	36.4	39.3	14.6	9.7	0.0	17.4	304.7	320.0	292.3	294.4	.	308.1
Spain	582	565	54.4	38.6	5.5	1.4	0.6	2.0	509.9	497.8	491.2	496.4	482.3	512.4
Sweden	250	213	16.0	66.1	13.2	4.7	1.0	13.1	535.8	537.0	534.0	484.9	477.7	527.4
Turkiye (5)	171	170	40.0	47.2	11.7	1.2	0.8	0.0	576.6	564.2	574.4	543.6	567.5	.
United Arab Emirates	1435	1288	64.2	27.2	6.9	1.6	0.6	8.5	517.7	462.3	431.7	425.2	531.2	490.0
United States	495	478	31.5	45.4	17.4	5.7	0.0	3.5	550.2	531.8	510.8	508.8	.	527.0
Uzbekistan	168	157	90.7	9.3	0.0	0.0	4.5	2.0	412.1	400.2	.	.	425.3	420.6
International Avg. (58)	17865	16126	43.2	45.4	9.7	1.6	1.1	8.5	500.9	492.8	481.9	477.2	478.4	492.5
Ontario, Canada	286	243	26.1	44.9	23.9	5.1	1.9	11.2	538.4	527.1	512.1	510.1	568.9	515.6
Quebec, Canada	215	193	15.8	59.7	23.3	1.2	1.2	7.1	524.2	506.9	497.9	479.4	516.5	509.8
Abu Dhabi, UAE	553	498	52.7	32.7	12.1	2.5	0.8	7.7	479.2	416.9	396.1	405.4	417.3	439.2
Dubai, UAE	359	318	68.2	23.9	6.7	1.1	0.0	8.7	579.5	541.9	512.4	421.9	.	542.8
Sharjah, UAE	284	250	75.3	21.4	1.4	1.9	0.9	10.9	513.9	472.2	389.5	474.5	659.8	491.7

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 (ATBG07E)

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
Albania	123	98	79.6	19.3	1.1	0.0	0.9	17.7	485.7	497.6	406.2	.	484.4	507.0
Armenia	211	197	49.8	44.3	4.2	1.7	3.9	1.9	458.2	459.5	439.4	420.4	453.9	461.0
Australia	347	255	34.1	44.6	18.8	2.4	1.4	26.9	566.2	550.4	533.4	508.4	525.2	545.2
Azerbaijan	271	226	56.5	32.1	8.7	2.7	3.3	12.8	419.7	422.0	437.5	413.2	420.3	420.6
Bahrain	212	212	59.1	32.6	6.2	2.1	0.0	0.0	488.2	450.5	474.2	485.4	.	.
Belgium (Flemish)	278	215	4.4	60.6	31.7	3.2	0.6	19.7	507.8	495.2	484.0	467.0	491.1	477.0
Belgium (French)	344	294	14.4	49.0	30.8	5.8	0.8	13.7	503.8	487.5	475.6	437.3	481.8	464.2
Bosnia & Herzegovina	236	178	33.0	60.0	4.6	2.4	2.8	20.2	443.4	453.3	446.4	466.6	469.6	438.8
Brazil	1047	1005	49.4	38.2	10.4	2.0	2.2	1.5	443.4	413.1	394.0	383.8	394.0	439.3
Bulgaria	208	205	38.3	49.2	11.2	1.3	0.8	1.0	547.2	522.9	508.5	474.5	495.6	515.0
Canada	917	819	25.8	46.6	22.6	5.0	1.5	8.8	538.8	518.0	513.0	499.7	546.5	515.3
Chile	178	163	28.2	61.5	9.6	0.7	0.5	7.1	485.9	478.1	479.2	426.6	452.7	471.0
Chinese Taipei	238	236	13.4	56.6	28.8	1.2	0.2	0.0	573.6	571.7	574.3	574.5	522.9	.
Cyprus	267	264	36.6	41.9	18.5	3.1	0.4	0.8	493.2	487.8	481.8	431.4	531.2	471.0
Czech Republic	344	338	11.2	72.2	16.5	0.1	0.6	1.1	531.4	526.8	518.2	502.4	527.4	525.8
Denmark	278	214	18.1	42.0	31.2	8.8	2.9	19.1	532.7	528.6	509.7	515.3	520.9	521.6
England	178	135	46.1	43.1	9.9	0.9	0.0	19.9	566.3	553.4	544.5	537.4	.	548.2
Finland	369	356	10.0	55.3	32.8	1.9	0.6	2.6	558.8	547.3	533.2	505.1	543.2	505.6
France	306	252	18.3	58.2	23.2	0.4	1.3	15.9	509.5	488.8	475.6	380.8	501.4	482.2
Georgia	218	216	40.0	49.3	9.3	1.5	0.9	0.0	465.9	465.0	464.3	452.2	449.9	.
Germany	243	209	11.5	58.2	27.8	2.5	0.3	13.5	527.8	520.3	503.0	468.8	529.7	517.8
Hong Kong SAR	182	124	46.4	48.2	4.3	1.0	0.0	31.0	540.8	544.1	526.9	539.5	.	552.9
Hungary	263	218	22.9	55.8	18.3	3.1	0.0	15.4	526.8	526.4	516.0	482.5	.	529.8
Iran, Islamic Rep. of	224	222	53.3	37.4	7.8	1.5	0.8	0.0	435.4	428.0	426.7	435.8	448.4	.
Ireland	239	237	64.7	29.5	4.8	1.0	0.5	0.4	536.9	528.3	492.7	511.8	511.7	537.9
Italy	266	262	27.2	61.6	10.7	0.5	1.1	0.7	515.4	512.2	490.3	514.3	495.4	504.4
Japan	142	138	4.0	72.9	21.8	1.3	1.6	1.6	549.7	556.0	549.1	593.2	546.6	568.6
Jordan	224	221	38.1	42.8	14.8	4.4	0.0	0.3	426.6	417.9	398.2	410.7	346.1	336.1
Kazakhstan	303	284	56.4	38.5	4.6	0.5	5.8	1.3	468.9	455.0	540.8	422.3	461.5	484.2
Korea, Rep. of	199	181	22.7	48.6	25.4	3.3	0.5	7.5	592.0	585.9	575.4	571.3	558.9	574.2
Kosovo	231	201	57.7	34.6	6.3	1.4	3.2	9.5	407.3	401.7	421.8	468.9	343.3	386.5
Kuwait	164	163	43.7	42.2	12.5	1.6	0.0	0.7	399.3	350.1	338.6	495.4	.	495.2
Latvia	213	207	10.7	64.8	23.2	1.3	0.0	3.5	525.8	528.7	518.6	534.7	.	508.8
Lithuania	250	247	27.8	65.8	5.5	0.9	0.6	0.5	538.2	537.6	514.7	553.6	560.2	572.4
Macao SAR	275	274	31.7	56.4	11.3	0.6	0.1	0.0	536.2	540.1	514.3	518.0	501.0	.
Montenegro	338	319	42.2	53.2	3.2	1.5	1.5	4.0	460.5	461.1	440.9	455.6	472.3	469.7
Morocco	303	287	47.9	40.0	8.8	3.3	0.1	5.3	410.7	373.5	388.5	342.4	378.1	365.7
Netherlands	188	120	23.6	57.2	18.3	0.9	0.6	32.9	526.4	518.0	500.2	507.3	529.7	517.3
New Zealand	396	215	42.6	43.1	11.7	2.6	1.2	44.0	532.3	522.5	506.0	538.9	512.2	506.8
North Macedonia	274	200	55.0	35.1	7.6	2.3	2.2	25.2	441.5	434.0	452.9	464.2	445.4	433.4
Norway (5)	314	231	18.4	43.2	29.9	8.5	0.8	22.4	545.0	533.0	528.7	512.7	552.3	523.6
Oman	287	275	36.3	47.0	14.0	2.7	2.0	2.1	440.4	429.1	419.4	432.1	466.9	433.7
Poland	267	264	12.0	67.5	17.1	3.4	0.7	0.7	545.0	551.7	547.1	544.4	528.2	572.0
Portugal	321	316	44.2	49.2	5.0	1.6	0.7	0.8	516.4	506.2	499.1	509.1	543.1	510.7
Qatar	283	278	70.3	23.2	5.3	1.2	0.6	2.3	471.7	474.9	459.5	402.5	382.2	543.2
Romania	188	151	57.8	35.2	6.5	0.5	0.0	20.5	533.1	517.2	539.5	515.4	.	520.0
Saudi Arabia	217	188	59.5	31.0	7.5	2.1	2.8	10.1	429.9	426.6	409.7	386.7	432.4	436.0
Serbia	213	212	33.0	58.2	8.0	0.7	0.5	0.0	505.0	514.7	495.8	515.9	484.7	.
Singapore	362	361	42.5	47.6	9.0	0.9	0.0	0.3	609.8	603.7	619.2	572.3	.	585.9
Slovak Republic	269	268	14.6	55.2	25.1	5.2	0.1	0.0	527.6	533.5	500.2	462.8	458.6	.
Slovenia	269	261	5.8	66.3	26.9	1.0	0.3	1.6	532.8	524.2	527.5	517.1	476.4	543.1
South Africa (5)	287	237	24.0	42.9	19.3	13.7	1.0	17.4	340.6	309.5	304.8	258.1	217.7	308.1
Spain	582	565	50.3	42.7	6.4	0.6	0.6	2.0	510.0	500.8	480.3	485.2	482.3	512.4
Sweden	250	213	7.7	59.7	27.2	5.4	1.0	13.1	527.3	538.4	537.0	479.7	477.7	527.4
Turkiye (5)	171	170	24.7	50.9	20.2	4.2	0.8	0.0	593.1	561.2	566.3	562.0	567.5	.
United Arab Emirates	1435	1285	61.8	28.0	8.7	1.5	0.7	8.6	517.5	471.0	426.2	427.3	533.2	489.8
United States	495	478	26.8	47.5	19.7	6.0	0.0	3.5	550.8	533.2	513.5	509.7	.	527.0
Uzbekistan	168	158	82.5	16.1	1.4	0.0	3.9	2.0	412.9	399.7	446.7	.	422.5	420.6
International Avg. (58)	17865	16118	35.7	47.5	14.4	2.4	1.1	8.5	502.2	492.9	485.0	478.6	479.1	492.5
Ontario, Canada	286	243	24.3	41.4	27.3	7.1	1.9	11.2	539.2	523.8	520.8	507.2	568.9	515.6
Quebec, Canada	215	193	13.8	57.6	24.9	3.7	1.0	7.1	519.7	508.7	500.1	486.7	512.5	509.8
Abu Dhabi, UAE	553	498	47.2	34.5	15.7	2.6	0.8	7.7	476.2	434.1	392.6	415.4	417.3	439.2
Dubai, UAE	359	317	67.7	24.1	6.6	1.6	0.2	8.7	578.9	543.2	517.2	446.3	624.0	542.8
Sharjah, UAE	284	250	75.2	20.9	3.4	0.5	0.9	10.9	513.7	475.5	436.4	409.8	659.8	491.7

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 (ATBG07F)

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
Albania	123	98	95.1	4.9	0.0	0.0	0.9	17.7	485.6	516.7	.	.	484.4	507.0
Armenia	211	196	85.8	13.7	0.5	0.0	4.3	1.9	457.2	458.1	456.7	.	455.6	461.0
Australia	347	256	59.2	30.0	8.9	1.9	1.2	26.9	553.7	552.9	539.2	518.7	527.8	545.2
Azerbaijan	271	225	72.2	25.9	1.3	0.6	3.9	12.8	420.6	425.9	422.3	396.3	419.4	420.6
Bahrain	212	212	70.5	24.2	3.1	2.2	0.0	0.0	482.8	458.3	421.3	483.0	.	.
Belgium (Flemish)	278	215	30.6	55.1	13.5	0.9	0.6	19.7	493.6	492.5	479.7	514.7	491.1	477.0
Belgium (French)	344	294	34.0	39.0	24.4	2.6	0.8	13.7	489.1	483.0	476.3	477.8	481.8	464.2
Bosnia & Herzegovina	236	179	72.1	23.5	3.9	0.5	2.7	20.2	448.0	452.7	463.4	516.7	470.7	438.8
Brazil	1047	1003	77.6	17.4	4.5	0.5	2.2	1.5	431.4	407.6	396.1	398.5	396.0	439.3
Bulgaria	208	204	81.5	16.3	2.2	0.0	1.5	1.0	532.4	527.3	502.2	.	451.6	515.0
Canada	917	818	42.6	41.7	12.7	3.0	1.6	8.8	528.1	517.3	512.8	518.0	541.9	515.3
Chile	178	163	39.7	53.4	6.9	0.0	0.5	7.1	485.4	478.5	460.5	.	452.7	471.0
Chinese Taipei	238	236	49.7	44.8	5.5	0.0	0.2	0.0	569.8	574.4	585.3	.	522.9	.
Cyprus	267	264	68.6	25.1	5.6	0.7	0.4	0.8	491.3	478.8	467.2	511.2	531.2	471.0
Czech Republic	344	338	66.6	30.7	2.7	0.0	0.6	1.1	525.7	527.8	510.7	.	505.0	525.8
Denmark	278	213	47.2	35.9	13.1	3.7	3.4	19.1	527.7	519.7	510.1	515.5	526.3	521.6
England	178	135	73.2	22.0	4.8	0.0	0.0	19.9	557.3	560.5	563.6	.	.	548.2
Finland	369	356	49.4	41.3	8.5	0.8	0.6	2.6	546.4	542.2	533.8	468.1	543.2	505.6
France	306	252	46.2	46.7	6.9	0.3	1.3	15.9	495.4	483.9	483.4	453.5	501.4	482.2
Georgia	218	213	56.4	39.3	3.1	1.2	2.8	0.0	466.2	465.2	463.9	473.0	434.9	.
Germany	243	208	53.0	38.9	7.7	0.3	0.6	13.5	515.6	515.1	514.1	423.8	526.1	517.8
Hong Kong SAR	182	124	59.7	34.4	4.8	1.0	0.0	31.0	537.9	544.5	571.8	539.5	.	552.9
Hungary	263	218	63.8	33.2	2.6	0.4	0.0	15.4	524.4	520.5	517.0	599.3	.	529.8
Iran, Islamic Rep. of	224	222	71.2	24.9	3.1	0.8	0.8	0.0	434.0	427.5	423.9	420.1	448.4	.
Ireland	239	236	76.8	17.8	4.9	0.4	0.8	0.4	535.5	520.1	524.1	491.3	516.5	537.9
Italy	266	263	50.4	41.6	7.2	0.9	0.7	0.7	511.3	510.0	509.7	517.9	497.1	504.4
Japan	142	138	10.2	78.3	11.5	0.0	1.6	1.6	554.0	554.7	555.4	.	546.6	568.6
Jordan	224	221	60.9	29.9	7.2	2.0	0.0	0.3	419.6	406.4	441.5	457.5	346.1	336.1
Kazakhstan	303	284	67.6	29.7	2.3	0.5	5.7	1.3	472.3	446.6	543.0	568.6	459.1	484.2
Korea, Rep. of	199	181	48.4	41.5	9.7	0.4	0.5	7.5	588.2	579.7	584.0	566.6	558.9	574.2
Kosovo	231	201	77.9	19.1	3.0	0.0	3.2	9.5	404.7	415.4	415.8	.	343.3	386.5
Kuwait	164	163	80.2	18.3	0.7	0.8	0.0	0.7	375.4	360.3	239.0	475.9	.	495.2
Latvia	213	207	64.2	29.5	4.3	2.0	0.0	3.5	530.0	524.0	507.8	471.1	.	508.8
Lithuania	250	247	70.8	26.2	3.1	0.0	0.5	0.5	536.7	539.5	513.3	.	541.0	572.4
Macao SAR	275	275	59.0	31.4	8.2	1.3	0.0	0.0	539.2	535.8	508.5	554.3	.	.
Montenegro	338	321	81.3	15.2	2.5	1.0	1.0	4.0	462.3	448.8	456.7	453.3	486.9	469.7
Morocco	303	287	65.5	28.5	3.4	2.7	0.5	5.3	406.5	371.7	319.0	326.0	409.8	365.7
Netherlands	188	121	58.4	36.6	5.0	0.0	0.4	32.9	518.2	515.3	508.9	.	529.4	517.3
New Zealand	396	214	68.0	24.4	7.2	0.4	1.4	44.0	525.8	523.9	526.9	441.5	517.3	506.8
North Macedonia	274	202	81.0	14.9	3.9	0.3	1.7	25.2	444.4	420.3	424.7	483.3	452.1	433.4
Norway (5)	314	231	51.4	40.1	8.3	0.2	0.8	22.4	538.8	527.3	514.7	543.0	552.3	523.6
Oman	287	278	62.7	30.7	6.4	0.2	1.0	2.1	433.4	433.4	417.2	444.5	452.6	433.7
Poland	267	264	61.8	36.5	1.6	0.0	0.7	0.7	550.1	549.1	557.6	.	528.2	572.0
Portugal	321	316	73.3	21.7	3.8	1.1	0.7	0.8	510.3	508.9	509.5	554.4	530.4	510.7
Qatar	283	278	83.7	14.3	0.3	1.6	0.6	2.3	473.8	459.6	438.5	431.2	382.2	543.2
Romania	188	150	87.0	13.0	0.0	0.0	0.9	20.5	529.6	518.7	.	.	498.5	520.0
Saudi Arabia	217	191	81.0	13.2	3.8	2.1	1.7	10.1	428.7	415.3	416.1	412.4	453.8	436.0
Serbia	213	212	78.0	17.3	4.3	0.5	0.5	0.0	508.6	516.3	505.2	546.3	484.7	.
Singapore	362	361	68.0	28.7	3.2	0.0	0.0	0.3	607.3	607.2	612.0	.	.	585.9
Slovak Republic	269	269	66.6	29.3	3.4	0.7	0.0	0.0	521.9	523.4	479.5	472.4	.	.
Slovenia	269	262	39.5	53.2	6.9	0.4	0.0	1.6	526.7	524.5	524.7	520.9	.	543.1
South Africa (5)	287	239	68.3	24.8	3.6	3.3	0.0	17.4	312.8	301.8	257.5	306.6	.	308.1
Spain	582	565	74.2	20.7	4.3	0.9	0.6	2.0	505.5	499.0	502.3	501.6	482.3	512.4
Sweden	250	213	41.3	47.7	10.6	0.4	1.0	13.1	537.0	537.0	509.9	506.1	477.7	527.4
Turkiye (5)	171	170	58.7	31.5	7.3	2.5	0.8	0.0	572.5	564.9	576.7	560.2	567.5	.
United Arab Emirates	1435	1288	78.3	17.8	2.9	1.0	0.6	8.5	505.2	457.2	479.4	431.4	531.2	490.0
United States	495	478	52.1	28.4	17.0	2.5	0.0	3.5	536.8	525.8	529.3	545.3	.	527.0
Uzbekistan	168	159	91.9	8.1	0.0	0.0	3.3	2.0	410.9	414.4	.	.	427.5	420.6
International Avg. (58)	17865	16127	63.9	29.7	5.5	0.9	1.1	8.5	497.1	491.2	485.2	484.0	484.5	492.5
Ontario, Canada	286	241	36.9	42.8	15.9	4.4	2.3	11.2	529.8	523.9	522.0	523.0	556.1	515.6
Quebec, Canada	215	194	37.1	48.0	12.9	2.0	0.8	7.1	512.1	507.0	495.0	504.9	511.4	509.8
Abu Dhabi, UAE	553	498	69.6	25.9	3.5	1.0	0.8	7.7	461.2	411.8	443.1	381.5	417.3	439.2
Dubai, UAE	359	318	76.4	18.0	3.8	1.8	0.0	8.7	575.4	535.5	521.6	468.3	.	542.8
Sharjah, UAE	284	250	88.2	9.9	1.9	0.0	0.9	10.9	508.3	451.3	501.4	.	659.8	491.7

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 (ATBG07G)

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
Albania	123	98	80.0	18.8	0.0	1.1	0.9	17.7	485.0	494.2	.	518.9	484.4	507.0
Armenia	211	196	88.1	10.5	1.4	0.0	4.3	1.9	458.7	444.5	465.0	.	455.6	461.0
Australia	347	256	48.8	33.0	13.1	5.2	1.2	26.9	558.2	553.5	540.6	502.7	527.8	545.2
Azerbaijan	271	228	78.6	15.6	3.6	2.2	2.8	12.8	421.4	430.1	414.6	384.9	422.0	420.6
Bahrain	212	211	66.5	28.2	3.8	1.5	0.3	0.0	486.0	450.7	468.7	480.7	368.0	.
Belgium (Flemish)	278	215	24.5	56.5	18.2	0.9	0.6	19.7	498.4	490.1	484.2	514.7	491.1	477.0
Belgium (French)	344	294	33.5	46.2	16.9	3.4	0.8	13.7	488.7	482.0	479.8	466.1	481.8	464.2
Bosnia & Herzegovina	236	179	66.3	28.7	3.2	1.7	2.7	20.2	446.1	457.9	449.5	472.7	470.7	438.8
Brazil	1047	1006	72.2	22.1	4.6	1.1	2.1	1.5	430.2	419.0	390.8	390.5	394.5	439.3
Bulgaria	208	205	84.4	13.1	2.5	0.0	0.8	1.0	532.9	502.2	575.6	.	495.6	515.0
Canada	917	820	37.0	38.6	19.4	5.0	1.4	8.8	529.3	518.0	514.5	514.2	548.1	515.3
Chile	178	163	29.3	53.4	15.2	2.1	0.5	7.1	481.2	483.8	465.5	473.2	452.7	471.0
Chinese Taipei	238	236	49.0	46.3	4.7	0.0	0.2	0.0	569.4	575.2	583.1	.	522.9	.
Cyprus	267	264	61.9	29.2	7.7	1.2	0.4	0.8	493.9	478.5	469.2	448.0	531.2	471.0
Czech Republic	344	338	53.7	40.2	6.1	0.0	0.6	1.1	528.7	522.7	523.4	.	505.0	525.8
Denmark	278	214	34.9	39.2	22.6	3.3	2.9	19.1	528.9	521.3	515.3	512.3	520.9	521.6
England	178	135	68.2	26.4	4.4	0.9	0.0	19.9	557.0	561.9	553.6	575.1	.	548.2
Finland	369	355	21.2	59.5	17.6	1.7	0.8	2.6	549.0	546.1	529.0	503.4	546.1	505.6
France	306	252	41.5	53.4	4.8	0.4	1.3	15.9	494.8	486.4	469.4	487.3	501.4	482.2
Georgia	218	215	58.6	37.6	3.3	0.5	1.6	0.0	464.1	468.9	441.0	482.0	447.7	.
Germany	243	208	34.1	53.7	11.2	1.0	0.6	13.5	514.7	517.2	507.8	486.9	526.1	517.8
Hong Kong SAR	182	124	62.5	28.5	7.3	1.6	0.0	31.0	538.0	549.0	546.8	539.3	.	552.9
Hungary	263	218	43.5	44.8	10.2	1.5	0.0	15.4	522.2	525.3	519.6	515.7	.	529.8
Iran, Islamic Rep. of	224	222	74.8	22.6	1.8	0.8	0.8	0.0	427.4	445.1	460.3	420.1	448.4	.
Ireland	239	237	69.0	25.2	4.5	1.2	0.5	0.4	534.9	524.5	529.1	534.4	511.7	537.9
Italy	266	263	47.2	47.1	5.7	0.0	0.7	0.7	511.7	509.6	511.4	.	497.1	504.4
Japan	142	138	9.3	81.2	9.5	0.0	1.6	1.6	558.1	556.0	541.0	.	546.6	568.6
Jordan	224	221	56.0	34.8	6.6	2.5	0.0	0.3	419.2	411.6	431.8	441.2	346.1	336.1
Kazakhstan	303	286	67.8	29.5	1.7	0.9	4.6	1.3	474.1	446.2	488.0	436.8	477.9	484.2
Korea, Rep. of	199	181	51.6	42.9	5.2	0.3	0.5	7.5	586.8	581.4	581.6	556.8	558.9	574.2
Kosovo	231	201	73.6	23.7	2.5	0.2	3.2	9.5	406.5	407.2	432.4	293.4	343.3	386.5
Kuwait	164	163	79.7	17.5	2.0	0.8	0.0	0.7	379.7	338.0	344.4	475.9	.	495.2
Latvia	213	207	45.9	47.6	6.1	0.4	0.0	3.5	530.5	525.1	500.2	547.6	.	508.8
Lithuania	250	248	48.2	45.3	5.5	1.0	0.2	0.5	539.9	533.0	535.1	560.5	561.6	572.4
Macao SAR	275	275	55.2	36.0	6.9	1.9	0.0	0.0	537.0	537.3	515.5	545.8	.	.
Montenegro	338	320	77.7	20.0	1.9	0.5	1.4	4.0	462.3	450.1	467.3	448.2	488.2	469.7
Morocco	303	288	60.4	32.1	5.2	2.2	0.0	5.3	410.6	369.8	335.8	320.4	342.3	365.7
Netherlands	188	121	44.8	49.2	5.9	0.0	0.4	32.9	517.6	513.3	538.0	.	529.4	517.3
New Zealand	396	214	54.5	31.4	11.8	2.3	1.4	44.0	528.3	527.1	507.9	510.0	517.3	506.8
North Macedonia	274	201	75.0	19.4	2.9	2.7	1.6	25.2	447.5	422.0	412.5	407.0	437.6	433.4
Norway (5)	314	231	35.5	46.1	17.4	1.0	0.8	22.4	537.3	533.2	520.1	515.4	522.3	523.6
Oman	287	278	51.0	39.5	8.0	1.4	1.0	2.1	437.8	427.5	415.6	469.6	452.6	433.7
Poland	267	264	38.7	48.0	11.8	1.5	0.7	0.7	547.5	550.9	552.9	553.4	528.2	572.0
Portugal	321	317	75.3	19.2	4.0	1.5	0.4	0.8	510.6	506.9	510.4	548.3	554.0	510.7
Qatar	283	277	80.7	16.0	1.3	2.0	0.8	2.3	470.9	477.9	488.0	415.1	392.7	543.2
Romania	188	151	77.7	20.8	1.5	0.0	0.0	20.5	528.3	525.8	531.4	.	520.0	520.0
Saudi Arabia	217	192	81.7	12.9	2.7	2.7	1.2	10.1	428.3	418.8	410.6	435.2	413.2	436.0
Serbia	213	212	68.8	26.5	4.2	0.5	0.5	0.0	508.5	513.5	507.8	546.3	484.7	.
Singapore	362	360	61.4	31.3	7.3	0.0	0.3	0.3	608.0	605.7	612.0	.	544.7	585.9
Slovak Republic	269	269	55.2	39.4	4.7	0.7	0.0	0.0	524.8	519.1	477.2	565.4	.	.
Slovenia	269	262	22.6	55.7	20.8	0.9	0.0	1.6	523.0	526.8	523.5	534.6	.	543.1
South Africa (5)	287	237	60.3	29.5	6.9	3.2	0.1	17.5	310.7	300.5	313.6	302.9	249.9	309.5
Spain	582	564	67.1	27.5	4.3	1.1	0.7	2.0	506.6	499.1	493.0	515.9	479.9	512.4
Sweden	250	213	18.6	59.1	18.2	4.1	1.0	13.1	529.7	540.3	527.5	490.6	477.7	527.4
Turkiye (5)	171	170	60.6	31.4	6.1	1.9	0.8	0.0	573.4	561.5	589.1	547.1	567.5	.
United Arab Emirates	1435	1288	73.7	19.2	5.6	1.6	0.6	8.5	509.0	463.3	431.8	459.9	531.2	490.0
United States	495	476	35.1	34.7	23.5	6.7	0.5	3.5	536.3	532.1	531.1	519.4	559.8	527.0
Uzbekistan	168	159	88.2	11.8	0.0	0.0	3.2	2.0	412.3	405.0	.	.	419.6	420.6
International Avg. (58)	17865	16136	56.6	34.4	7.5	1.5	1.0	8.5	497.4	491.1	490.6	483.0	479.7	492.5
Ontario, Canada	286	243	33.6	39.0	21.2	6.2	1.9	11.2	526.2	526.2	523.9	524.2	568.9	515.6
Quebec, Canada	215	194	26.9	48.1	21.2	3.8	0.8	7.1	514.3	508.8	497.8	492.1	511.4	509.8
Abu Dhabi, UAE	553	498	62.4	25.9	9.8	1.8	0.8	7.7	466.8	419.2	398.4	424.2	417.3	439.2
Dubai, UAE	359	318	73.4	20.1	4.5	1.9	0.0	8.7	577.0	538.5	507.6	479.0	.	542.8
Sharjah, UAE	284	250	85.6	12.1	0.7	1.6	0.9	10.9	508.3	461.9	482.8	510.1	659.8	491.7

Question: How often do you have these feelings about being a teacher? I am content with my profession as a teacher
 Location: TQG-08a (ATBG08A)

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
Albania	123	96	80.1	19.9	0.0	0.0	3.0	17.7	486.4	491.9	.	.	475.9	507.0
Armenia	211	202	60.5	34.7	4.4	0.5	1.1	1.9	456.1	462.4	440.3	418.8	440.2	461.0
Australia	347	253	40.9	39.8	18.0	1.3	1.7	26.9	550.6	557.5	541.2	543.0	531.6	545.2
Azerbaijan	271	226	73.5	23.4	3.0	0.0	3.8	12.8	418.4	434.0	443.3	.	398.4	420.6
Bahrain	212	212	76.4	18.6	5.0	0.0	0.0	0.0	482.9	443.9	470.2	.	.	.
Belgium (Flemish)	278	215	48.4	44.2	7.4	0.0	0.8	19.7	492.5	489.8	493.1	.	481.4	477.0
Belgium (French)	344	294	48.2	42.0	9.9	0.0	1.0	13.7	480.1	485.8	486.4	.	497.2	464.2
Bosnia & Herzegovina	236	180	56.5	39.5	4.0	0.0	2.2	20.2	451.3	445.1	479.3	.	478.9	438.8
Brazil	1047	1005	53.8	33.4	12.2	0.5	1.9	1.5	430.4	423.5	404.1	417.0	426.5	439.3
Bulgaria	208	206	57.5	36.0	6.5	0.0	0.0	1.0	542.9	524.7	440.2	.	.	515.0
Canada	917	815	41.2	44.1	13.5	1.2	2.1	8.8	520.9	521.3	524.4	535.2	521.2	515.3
Chile	178	163	59.5	39.5	1.0	0.0	0.2	7.1	480.3	479.2	488.0	.	468.2	471.0
Chinese Taipei	238	238	51.5	38.1	10.3	0.0	0.0	0.0	571.7	574.3	570.9	.	.	.
Cyprus	267	264	47.6	39.0	13.4	0.0	0.5	0.8	484.6	493.0	477.9	.	513.1	471.0
Czech Republic	344	339	42.9	49.3	7.6	0.2	0.2	1.1	523.6	529.8	515.2	498.8	480.1	525.8
Denmark	278	217	49.6	41.2	9.3	0.0	1.5	19.1	524.7	519.3	522.8	.	518.5	521.6
England	178	134	29.5	47.8	22.0	0.7	0.5	19.9	568.7	549.1	565.4	560.6	520.7	548.2
Finland	369	356	36.5	46.9	16.6	0.0	0.6	2.6	539.9	545.5	542.8	.	543.2	505.6
France	306	253	23.8	52.9	23.2	0.2	1.0	15.9	496.6	488.2	482.9	503.0	514.3	482.2
Georgia	218	217	64.3	32.0	3.6	0.0	0.6	0.0	465.1	466.6	458.1	.	397.9	.
Germany	243	210	27.6	60.3	11.1	1.0	0.0	13.5	515.6	514.5	515.2	539.4	.	517.8
Hong Kong SAR	182	123	50.1	36.8	12.4	0.7	1.0	31.0	556.3	522.0	539.4	560.1	554.5	552.9
Hungary	263	217	28.9	52.9	18.2	0.0	0.4	15.4	530.0	517.3	529.2	.	537.4	529.8
Iran, Islamic Rep. of	224	223	79.8	17.3	2.6	0.2	0.3	0.0	433.1	424.8	450.8	528.5	340.0	.
Ireland	239	237	55.7	36.5	7.3	0.4	0.5	0.4	533.5	529.5	535.5	491.3	511.7	537.9
Italy	266	264	49.4	45.5	4.8	0.3	0.0	0.7	511.1	510.7	503.8	527.0	.	504.4
Japan	142	138	24.4	50.6	23.6	1.3	1.6	1.6	550.8	554.2	558.5	551.4	569.4	568.6
Jordan	224	220	65.4	24.2	8.3	2.1	0.8	0.3	420.5	416.2	409.1	382.1	439.6	336.1
Kazakhstan	303	285	72.9	24.0	2.4	0.6	4.9	1.3	463.4	478.6	456.4	433.5	459.1	484.2
Korea, Rep. of	199	181	38.9	38.3	21.4	1.4	0.5	7.5	589.2	579.7	583.6	574.8	558.9	574.2
Kosovo	231	201	79.9	19.4	0.8	0.0	2.8	9.5	402.9	413.4	435.3	.	394.4	386.5
Kuwait	164	163	79.0	17.6	3.4	0.0	0.0	0.7	371.5	375.9	378.7	.	.	495.2
Latvia	213	207	41.7	48.9	9.4	0.0	0.0	3.5	526.7	527.6	516.3	.	.	508.8
Lithuania	250	244	43.3	45.9	10.1	0.7	1.3	0.5	538.0	534.3	543.3	552.4	525.8	572.4
Macao SAR	275	274	44.2	42.5	12.1	1.2	0.4	0.0	534.0	539.2	529.0	546.5	552.5	.
Montenegro	338	318	60.1	34.1	5.8	0.0	1.4	4.0	462.2	457.2	452.0	.	487.3	469.7
Morocco	303	288	67.0	25.7	6.8	0.4	0.0	5.3	396.3	379.4	395.1	349.0	318.3	365.7
Netherlands	188	121	59.7	34.2	6.1	0.0	0.4	32.9	513.7	519.3	530.9	.	529.4	517.3
New Zealand	396	216	31.9	54.3	13.7	0.0	1.0	44.0	517.1	526.3	536.4	.	533.9	506.8
North Macedonia	274	200	74.7	22.9	2.4	0.0	2.7	25.2	439.2	449.9	414.4	.	423.9	433.4
Norway (5)	314	229	29.5	50.2	19.5	0.8	2.0	22.4	533.6	529.3	537.6	540.1	537.4	523.6
Oman	287	276	76.3	20.4	2.3	1.0	1.8	2.1	431.0	438.9	423.7	401.6	458.3	433.7
Poland	267	264	26.3	51.2	21.7	0.7	0.7	0.7	545.2	553.7	546.0	558.1	528.2	572.0
Portugal	321	316	42.2	37.8	18.5	1.4	0.7	0.8	516.1	507.3	503.4	524.6	522.2	510.7
Qatar	283	277	70.9	25.4	3.1	0.5	1.0	2.3	472.5	468.5	448.9	360.7	503.4	543.2
Romania	188	150	73.8	24.7	1.5	0.0	0.3	20.5	524.5	537.2	515.7	.	592.0	520.0
Saudi Arabia	217	190	84.4	11.7	2.8	1.1	1.9	10.1	428.6	415.6	409.5	409.6	442.0	436.0
Serbia	213	211	60.0	33.6	5.5	0.8	0.8	0.0	509.2	512.8	502.7	503.5	489.1	.
Singapore	362	360	41.5	46.0	12.3	0.2	0.2	0.3	604.1	611.0	607.6	601.9	464.3	585.9
Slovak Republic	269	268	54.2	39.1	6.7	0.0	0.3	0.0	520.7	519.1	523.4	.	621.5	.
Slovenia	269	262	40.7	50.1	8.8	0.4	0.0	1.6	528.6	523.2	525.0	464.9	.	543.1
South Africa (5)	287	236	64.3	30.8	4.4	0.5	0.5	17.5	294.8	333.3	312.0	348.0	294.9	309.5
Spain	582	566	64.0	31.7	3.8	0.4	0.5	2.0	508.1	495.3	506.5	513.6	480.4	512.4
Sweden	250	212	46.5	43.2	9.7	0.6	1.4	13.1	530.3	536.1	541.5	498.5	506.0	527.4
Turkiye (5)	171	169	58.2	33.5	7.3	0.9	1.3	0.0	570.7	575.0	541.0	566.9	585.7	.
United Arab Emirates	1435	1286	77.4	18.4	4.0	0.1	0.8	8.5	496.4	495.5	481.5	472.0	472.8	490.0
United States	495	477	38.9	38.9	19.9	2.4	0.2	3.5	529.6	535.6	533.9	527.4	481.5	527.0
Uzbekistan	168	161	70.9	27.8	1.3	0.0	2.4	2.0	412.5	408.3	419.4	.	423.9	420.6
International Avg. (58)	17865	16125	54.1	36.4	9.1	0.5	1.0	8.5	495.3	494.7	491.9	494.2	486.9	492.5
Ontario, Canada	286	240	43.4	42.1	12.0	2.6	2.9	11.2	522.8	528.4	529.7	534.4	532.3	515.6
Quebec, Canada	215	193	37.7	50.8	11.2	0.4	1.6	7.1	506.1	509.5	502.2	543.2	494.4	509.8
Abu Dhabi, UAE	553	497	75.7	20.2	4.1	0.0	1.4	7.7	449.3	446.4	415.4	.	408.5	439.2
Dubai, UAE	359	316	70.4	22.9	6.3	0.3	0.4	8.7	568.2	563.1	535.0	501.4	452.0	542.8
Sharjah, UAE	284	249	87.5	10.3	2.2	0.0	1.1	10.9	504.2	490.0	497.4	.	634.8	491.7

Question: How often do you have these feelings about being a teacher? I find my work full of meaning and purpose
 Location: TQG-08b (ATBG08B)

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
Albania	123	96	86.3	13.7	0.0	0.0	3.0	17.7	489.4	475.5		.	475.9	507.0
Armenia	211	201	72.7	27.0	0.3	0.0	1.5	1.9	459.6	451.1	462.7	.	450.4	461.0
Australia	347	253	52.4	35.6	11.6	0.4	1.7	26.9	553.8	550.5	545.4	529.9	531.6	545.2
Azerbaijan	271	224	75.0	23.1	1.9	0.0	4.3	12.8	419.5	431.3	440.1	.	405.5	420.6
Bahrain	212	212	87.1	10.1	2.9	0.0	0.0	0.0	477.0	449.6	503.3	.	.	.
Belgium (Flemish)	278	215	67.8	29.1	3.1	0.0	0.8	19.7	493.5	484.6	508.4	.	481.4	477.0
Belgium (French)	344	293	50.4	40.0	9.6	0.0	1.1	13.7	479.6	487.9	482.3	.	491.9	464.2
Bosnia & Herzegovina	236	180	67.7	27.0	5.3	0.0	2.2	20.2	451.4	445.1	456.3	.	478.9	438.8
Brazil	1047	1003	70.2	25.2	4.5	0.0	2.0	1.5	430.2	416.3	388.2	455.7	426.3	439.3
Bulgaria	208	206	77.0	19.0	4.0	0.0	0.0	1.0	534.3	511.2	530.4	.	.	515.0
Canada	917	814	50.1	39.2	9.9	0.7	2.2	8.8	520.1	523.4	522.2	538.3	520.0	515.3
Chile	178	164	70.4	28.3	1.3	0.0	0.0	7.1	481.2	475.2	508.1	.	.	471.0
Chinese Taipei	238	238	54.1	34.6	11.2	0.0	0.0	0.0	573.8	571.5	570.0	.	.	.
Cyprus	267	264	44.8	40.2	14.4	0.6	0.5	0.8	492.2	480.2	487.9	521.3	513.1	471.0
Czech Republic	344	339	39.2	50.6	9.7	0.5	0.2	1.1	523.1	528.9	523.7	496.8	480.1	525.8
Denmark	278	216	60.2	34.2	5.1	0.5	1.8	19.1	523.6	520.3	520.6	532.8	515.4	521.6
England	178	134	41.7	44.3	13.7	0.2	0.5	19.9	560.0	555.2	564.1	600.1	520.7	548.2
Finland	369	356	57.3	38.0	4.8	0.0	0.6	2.6	545.4	541.2	529.1	.	543.2	505.6
France	306	253	48.2	45.2	6.6	0.0	1.0	15.9	490.6	487.2	489.2	.	514.3	482.2
Georgia	218	216	83.6	16.0	0.4	0.0	1.3	0.0	464.5	470.5	417.3	.	440.0	.
Germany	243	208	67.8	30.8	1.4	0.0	0.8	13.5	516.0	513.1	530.0	.	498.9	517.8
Hong Kong SAR	182	123	50.1	40.9	9.0	0.0	1.0	31.0	556.5	526.6	527.1	.	554.5	552.9
Hungary	263	218	37.6	46.6	15.8	0.0	0.0	15.4	528.1	520.9	518.5	.	.	529.8
Iran, Islamic Rep. of	224	223	88.5	10.3	1.2	0.0	0.3	0.0	431.5	435.6	474.4	.	340.0	.
Ireland	239	236	53.8	38.0	7.8	0.4	1.0	0.4	533.2	528.2	542.5	491.3	532.5	537.9
Italy	266	264	75.9	22.5	1.6	0.0	0.0	0.7	510.1	511.1	525.4	.	.	504.4
Japan	142	138	27.1	56.6	14.7	1.5	1.6	1.6	548.2	557.1	557.9	530.4	569.4	568.6
Jordan	224	219	76.2	19.0	2.8	2.1	0.2	0.3	421.0	415.7	383.4	374.2	385.3	336.1
Kazakhstan	303	280	70.3	26.3	3.2	0.3	6.7	1.3	468.9	464.6	448.4	402.0	458.2	484.2
Korea, Rep. of	199	181	44.6	33.4	19.5	2.6	0.5	7.5	586.9	581.6	583.0	576.9	558.9	574.2
Kosovo	231	202	82.1	17.9	0.0	0.0	2.1	9.5	403.5	411.9	.	.	399.6	386.5
Kuwait	164	163	90.5	7.5	2.0	0.0	0.0	0.7	372.1	380.0	363.1	.	.	495.2
Latvia	213	206	40.6	51.3	8.1	0.0	0.4	3.5	527.6	529.0	502.7	.	493.6	508.8
Lithuania	250	245	64.9	31.2	3.9	0.0	1.0	0.5	540.8	529.9	530.5	.	510.7	572.4
Macao SAR	275	274	51.6	38.8	9.6	0.0	0.4	0.0	538.2	532.0	537.6	.	552.5	.
Montenegro	338	318	80.7	16.6	2.6	0.0	1.4	4.0	462.8	446.5	456.6	.	485.3	469.7
Morocco	303	287	80.0	17.3	2.7	0.0	0.1	5.3	393.5	383.2	389.8	.	328.4	365.7
Netherlands	188	121	75.4	23.9	0.7	0.0	0.4	32.9	516.2	518.6	498.8	.	529.4	517.3
New Zealand	396	216	49.0	41.4	9.6	0.0	1.0	44.0	523.3	526.9	523.0	.	533.9	506.8
North Macedonia	274	201	77.7	19.4	2.9	0.0	2.4	25.2	438.7	445.8	468.1	.	426.2	433.4
Norway (5)	314	229	44.4	48.5	7.1	0.0	2.0	22.4	534.9	530.9	524.8	.	537.4	523.6
Oman	287	276	86.7	11.8	1.0	0.5	1.8	2.1	432.0	432.6	429.8	443.9	458.3	433.7
Poland	267	264	26.6	49.2	23.9	0.3	0.7	0.7	549.0	551.6	547.1	549.6	528.2	572.0
Portugal	321	316	67.8	23.8	8.3	0.0	0.7	0.8	513.1	504.7	506.5	.	522.2	510.7
Qatar	283	277	72.2	25.1	1.5	1.2	1.0	2.3	473.3	465.1	448.0	411.9	503.4	543.2
Romania	188	150	80.8	16.1	3.1	0.0	0.3	20.5	525.2	537.3	536.6	.	592.0	520.0
Saudi Arabia	217	190	98.0	1.5	0.0	0.6	1.9	10.1	425.9	462.5		396.4	442.0	436.0
Serbia	213	211	79.5	19.2	1.3	0.0	0.8	0.0	511.4	503.8	521.8	.	489.1	.
Singapore	362	360	45.8	42.7	11.3	0.2	0.2	0.3	606.9	609.1	606.2	601.9	464.3	585.9
Slovak Republic	269	267	61.9	32.9	4.9	0.3	0.7	0.0	524.4	516.8	488.2	561.4	575.4	.
Slovenia	269	262	54.7	39.8	5.1	0.4	0.0	1.6	528.1	522.1	525.9	464.9	.	543.1
South Africa (5)	287	238	71.9	24.2	3.9	0.0	0.1	17.4	302.1	316.3	362.6	.	287.9	308.1
Spain	582	566	60.3	33.6	5.7	0.4	0.5	2.0	505.2	501.9	502.4	513.6	480.4	512.4
Sweden	250	212	66.7	31.5	1.8	0.0	1.4	13.1	532.7	537.2	510.8	.	506.0	527.4
Turkiye (5)	171	169	70.3	27.3	2.4	0.0	1.3	0.0	567.5	573.7	598.3	.	585.7	.
United Arab Emirates	1435	1285	77.8	18.0	3.5	0.7	0.9	8.5	496.8	492.1	487.5	473.9	488.5	490.0
United States	495	477	50.5	34.2	14.9	0.5	0.2	3.5	530.8	534.2	535.5	533.5	481.5	527.0
Uzbekistan	168	157	77.8	22.2	0.0	0.0	4.8	2.0	414.4	399.1	.	.	425.5	420.6
International Avg. (58)	17865	16106	64.4	29.5	5.8	0.3	1.1	8.5	495.8	493.2	498.9	500.0	486.3	492.5
Ontario, Canada	286	240	45.9	40.6	11.9	1.6	2.9	11.2	523.5	528.9	526.3	538.3	532.3	515.6
Quebec, Canada	215	192	54.5	41.2	4.3	0.0	2.0	7.1	508.0	508.7	492.1	.	495.2	509.8
Abu Dhabi, UAE	553	497	74.1	21.9	3.2	0.8	1.4	7.7	450.5	438.1	446.0	412.5	408.5	439.2
Dubai, UAE	359	316	69.9	23.9	5.0	1.2	0.4	8.7	568.3	563.8	529.6	521.8	452.0	542.8
Sharjah, UAE	284	249	90.2	8.1	1.7	0.0	1.1	10.9	504.2	486.1	494.7	.	634.8	491.7

Question: How often do you have these feelings about being a teacher? I am enthusiastic about my job
Location: TQG-08c (ATBG08C)

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
Albania	123	96	75.1	24.9	0.0	0.0	3.0	17.7	490.2	479.3	.	.	475.9	507.0
Armenia	211	202	81.2	18.8	0.0	0.0	1.1	1.9	455.2	467.0	.	.	440.2	461.0
Australia	347	253	44.4	40.7	14.8	0.0	1.7	26.9	554.8	550.5	544.8	552.1	531.6	545.2
Azerbaijan	271	224	81.5	17.9	0.6	0.0	4.5	12.8	418.8	439.1	444.3	.	406.3	420.6
Bahrain	212	212	82.4	13.3	4.2	0.2	0.0	0.0	480.6	445.8	463.2	341.6	.	.
Belgium (Flemish)	278	215	51.9	38.8	9.3	0.0	0.8	19.7	494.8	488.1	485.8	.	481.4	477.0
Belgium (French)	344	294	42.9	43.0	14.1	0.0	1.0	13.7	482.3	483.2	485.5	.	497.2	464.2
Bosnia & Herzegovina	236	180	74.3	23.6	2.1	0.0	2.2	20.2	451.0	446.5	452.7	.	478.9	438.8
Brazil	1047	1001	48.7	37.6	13.2	0.6	2.0	1.5	433.2	422.5	400.8	404.6	427.1	439.3
Bulgaria	208	206	55.2	36.4	8.4	0.0	0.0	1.0	538.0	523.5	502.2	.	.	515.0
Canada	917	814	43.0	41.7	14.3	0.9	2.3	8.8	522.7	521.0	520.6	525.4	521.7	515.3
Chile	178	164	57.5	40.0	2.5	0.0	0.0	7.1	481.7	477.0	484.5	.	.	471.0
Chinese Taipei	238	238	46.0	40.8	12.7	0.5	0.0	0.0	573.8	571.8	569.3	604.4	.	.
Cyprus	267	264	46.4	40.0	12.5	1.2	0.5	0.8	490.0	487.0	479.1	449.8	513.1	471.0
Czech Republic	344	340	31.1	52.1	16.8	0.0	0.0	1.1	524.8	527.4	523.1	.	.	525.8
Denmark	278	215	38.4	45.2	15.3	1.0	2.1	19.1	524.9	520.3	521.2	527.6	520.6	521.6
England	178	134	38.5	52.8	8.4	0.2	0.5	19.9	562.1	555.7	558.7	600.1	520.7	548.2
Finland	369	356	32.6	46.6	20.6	0.2	0.6	2.6	541.4	545.2	541.5	456.4	543.2	505.6
France	306	253	32.9	49.3	17.0	0.8	1.0	15.9	487.5	491.5	482.8	523.0	514.3	482.2
Georgia	218	217	80.0	18.6	1.4	0.0	0.6	0.0	467.0	459.4	447.5	.	397.9	.
Germany	243	209	41.5	45.9	11.0	1.6	0.4	13.5	515.9	514.7	512.9	537.9	459.1	517.8
Hong Kong SAR	182	123	54.2	34.6	11.2	0.0	1.0	31.0	555.6	523.3	530.7	.	554.5	552.9
Hungary	263	218	47.4	45.1	7.5	0.0	0.0	15.4	526.0	517.8	538.3	.	.	529.8
Iran, Islamic Rep. of	224	223	85.7	12.7	1.6	0.0	0.3	0.0	432.3	428.5	469.9	.	340.0	.
Ireland	239	235	52.6	39.8	7.6	0.0	1.3	0.4	534.7	527.4	535.5	.	531.4	537.9
Italy	266	264	61.4	32.8	5.6	0.2	0.0	0.7	510.7	508.3	523.3	493.7	.	504.4
Japan	142	138	21.1	61.8	15.7	1.4	1.6	1.6	547.3	555.0	560.2	567.9	569.4	568.6
Jordan	224	220	66.4	25.6	4.0	4.0	0.5	0.3	424.4	408.1	416.3	379.8	379.5	336.1
Kazakhstan	303	282	77.0	20.8	2.2	0.0	6.2	1.3	463.7	473.5	521.6	.	455.6	484.2
Korea, Rep. of	199	181	44.4	38.4	16.1	1.1	0.5	7.5	582.4	588.9	577.8	581.9	558.9	574.2
Kosovo	231	202	83.5	16.1	0.4	0.0	2.1	9.5	402.6	418.1	383.7	.	399.6	386.5
Kuwait	164	162	79.1	16.2	4.7	0.0	0.6	0.7	374.3	361.8	379.2	.	371.3	495.2
Latvia	213	207	53.8	39.8	6.4	0.0	0.0	3.5	528.7	527.3	497.7	.	.	508.8
Lithuania	250	245	39.2	49.8	10.6	0.4	1.0	0.5	537.2	539.3	524.4	566.3	510.7	572.4
Macao SAR	275	274	48.1	42.1	9.8	0.0	0.4	0.0	532.8	540.7	528.7	.	552.5	.
Montenegro	338	318	72.9	24.5	2.6	0.0	1.4	4.0	461.5	455.6	455.4	.	485.3	469.7
Morocco	303	286	68.3	26.4	5.0	0.3	0.6	5.3	396.8	387.3	344.1	348.8	401.3	365.7
Netherlands	188	121	65.5	30.3	4.1	0.0	0.4	32.9	517.8	512.9	526.6	.	529.4	517.3
New Zealand	396	216	40.6	48.4	10.4	0.6	1.0	44.0	519.7	526.2	536.5	538.2	533.9	506.8
North Macedonia	274	200	86.0	13.1	0.9	0.0	2.7	25.2	438.8	452.3	490.2	.	423.9	433.4
Norway (5)	314	229	33.4	55.1	11.5	0.0	2.0	22.4	530.5	533.7	530.8	.	537.4	523.6
Oman	287	276	76.9	19.0	3.3	0.8	1.8	2.1	432.9	426.8	448.0	421.0	458.3	433.7
Poland	267	264	42.3	49.1	8.5	0.0	0.7	0.7	548.4	551.4	548.2	.	528.2	572.0
Portugal	321	315	43.4	34.6	20.4	1.6	0.8	0.8	515.7	506.9	506.6	498.5	526.2	510.7
Qatar	283	277	76.1	20.7	2.3	0.9	1.0	2.3	476.4	453.6	432.7	413.1	503.4	543.2
Romania	188	150	75.5	21.8	2.7	0.0	0.3	20.5	526.5	530.6	531.9	.	592.0	520.0
Saudi Arabia	217	190	85.8	12.0	1.6	0.6	1.9	10.1	426.2	434.2	386.7	396.4	442.0	436.0
Serbia	213	211	51.0	33.2	15.0	0.8	0.8	0.0	513.8	507.6	502.9	503.5	489.1	.
Singapore	362	359	37.7	45.6	16.4	0.2	0.5	0.3	605.8	605.6	618.9	601.9	508.7	585.9
Slovak Republic	269	268	37.2	45.5	16.7	0.6	0.3	0.0	524.6	521.2	507.4	537.9	621.5	.
Slovenia	269	262	42.3	41.2	16.5	0.0	0.0	1.6	527.9	525.3	518.9	.	.	543.1
South Africa (5)	287	236	69.3	27.0	3.7	0.0	0.4	17.4	305.1	316.3	289.7	.	384.1	308.1
Spain	582	566	72.7	24.8	2.5	0.0	0.5	2.0	503.8	505.5	493.5	.	480.4	512.4
Sweden	250	212	45.7	44.0	10.3	0.0	1.4	13.1	529.4	536.8	539.9	.	506.0	527.4
Turkiye (5)	171	169	56.5	34.8	7.8	0.9	1.3	0.0	574.1	566.6	549.5	617.0	585.7	.
United Arab Emirates	1435	1286	80.8	16.2	2.6	0.3	0.8	8.5	497.6	491.3	469.4	433.4	472.8	490.0
United States	495	477	40.3	41.3	17.4	1.0	0.2	3.5	533.0	532.2	534.5	509.9	481.5	527.0
Uzbekistan	168	157	75.6	24.4	0.0	0.0	4.8	2.0	410.2	413.5	.	.	425.5	420.6
International Avg. (58)	17865	16106	57.2	34.1	8.4	0.4	1.1	8.5	495.9	493.6	494.0	497.6	487.1	492.5
Ontario, Canada	286	240	40.5	43.9	13.8	1.8	2.9	11.2	524.3	527.9	526.4	532.5	532.3	515.6
Quebec, Canada	215	192	42.0	44.2	13.5	0.3	2.4	7.1	505.2	511.0	503.2	466.5	505.2	509.8
Abu Dhabi, UAE	553	497	78.6	17.6	3.5	0.3	1.4	7.7	450.7	441.2	409.8	357.9	408.5	439.2
Dubai, UAE	359	316	74.8	21.6	3.2	0.3	0.4	8.7	567.6	558.0	549.3	501.4	452.0	542.8
Sharjah, UAE	284	249	92.1	6.0	1.7	0.3	1.1	10.9	504.7	472.1	494.7	513.9	634.8	491.7

Question: How often do you have these feelings about being a teacher? My work inspires me
Location: TQG-08d (ATBG08D)

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
Albania	123	96	80.0	20.0	0.0	0.0	3.0	17.7	491.0	473.7	.	.	475.9	507.0
Armenia	211	202	74.7	25.3	0.0	0.0	1.1	1.9	455.8	462.2	.	.	440.2	461.0
Australia	347	253	42.6	34.2	20.5	2.8	1.7	26.9	556.0	550.1	550.8	506.0	531.6	545.2
Azerbaijan	271	223	75.5	20.2	4.3	0.0	4.9	12.8	417.4	436.8	441.9	.	411.4	420.6
Bahrain	212	212	78.7	16.4	3.9	1.0	0.0	0.0	481.9	448.5	450.8	459.5	.	.
Belgium (Flemish)	278	215	46.2	40.7	12.7	0.5	0.8	19.7	494.6	491.2	479.3	518.2	481.4	477.0
Belgium (French)	344	294	43.2	43.8	12.9	0.0	1.0	13.7	482.6	484.4	480.7	.	497.2	464.2
Bosnia & Herzegovina	236	179	68.2	28.9	2.9	0.0	2.4	20.2	451.2	444.1	481.9	.	473.8	438.8
Brazil	1047	1002	60.5	30.1	9.3	0.1	2.0	1.5	434.7	417.6	383.9	404.3	426.5	439.3
Bulgaria	208	203	61.1	31.6	7.2	0.0	1.6	1.0	538.5	520.3	500.4	.	514.1	515.0
Canada	917	815	41.7	42.8	13.7	1.7	2.1	8.8	519.9	524.0	518.4	533.7	521.2	515.3
Chile	178	164	60.0	35.1	4.9	0.0	0.0	7.1	478.9	481.3	482.3	.	.	471.0
Chinese Taipei	238	238	44.0	42.5	12.9	0.6	0.0	0.0	573.6	573.3	567.0	573.4	.	.
Cyprus	267	263	46.5	39.8	13.1	0.6	1.1	0.8	489.5	484.1	481.8	.	539.0	471.0
Czech Republic	344	338	33.4	47.0	19.1	0.5	0.5	1.1	526.8	525.4	526.3	504.5	508.6	525.8
Denmark	278	215	37.8	40.6	20.0	1.6	2.1	19.1	525.9	518.2	523.9	520.1	520.6	521.6
England	178	134	29.4	54.8	15.1	0.7	0.5	19.9	566.8	552.5	564.1	560.6	520.7	548.2
Finland	369	355	31.1	44.4	24.2	0.2	1.0	2.6	541.6	546.4	538.9	456.4	551.7	505.6
France	306	253	31.8	53.3	14.1	0.8	1.0	15.9	492.0	488.4	483.2	506.8	514.3	482.2
Georgia	218	216	65.2	30.3	4.5	0.0	1.3	0.0	463.7	469.5	461.9	.	431.1	.
Germany	243	210	30.7	50.5	17.0	1.9	0.0	13.5	510.9	516.6	518.7	512.3	.	517.8
Hong Kong SAR	182	123	39.7	44.5	15.8	0.0	1.0	31.0	552.2	534.9	533.8	.	554.5	552.9
Hungary	263	218	43.3	47.8	8.9	0.0	0.0	15.4	526.6	519.7	525.9	.	.	529.8
Iran, Islamic Rep. of	224	222	83.4	13.9	2.7	0.0	0.7	0.0	435.8	406.6	469.5	.	353.7	.
Ireland	239	237	47.6	41.4	10.6	0.4	0.5	0.4	532.7	532.6	528.2	491.3	511.7	537.9
Italy	266	264	65.0	30.9	3.7	0.5	0.0	0.7	511.6	506.9	522.2	522.4	.	504.4
Japan	142	138	20.0	50.6	26.7	2.8	1.6	1.6	549.4	553.7	560.6	542.1	569.4	568.6
Jordan	224	221	67.1	22.6	5.8	4.5	0.0	0.3	422.3	407.0	442.7	376.6	346.1	336.1
Kazakhstan	303	282	71.6	25.2	3.2	0.0	6.0	1.3	465.6	467.4	505.3	.	450.4	484.2
Korea, Rep. of	199	181	33.6	33.1	28.0	5.2	0.5	7.5	587.1	582.9	581.5	587.0	558.9	574.2
Kosovo	231	201	88.0	11.6	0.4	0.0	2.5	9.5	403.7	412.5	436.4	.	405.4	386.5
Kuwait	164	162	75.7	20.9	3.4	0.0	0.7	0.7	378.1	356.3	335.8	.	431.2	495.2
Latvia	213	207	37.3	50.5	12.2	0.0	0.0	3.5	529.4	526.5	515.0	.	.	508.8
Lithuania	250	244	37.7	47.6	14.1	0.6	1.2	0.5	537.8	539.0	526.3	575.4	521.8	572.4
Macao SAR	275	274	43.2	41.8	15.0	0.0	0.4	0.0	531.7	539.4	537.1	.	552.5	.
Montenegro	338	319	71.1	25.9	2.6	0.4	0.6	4.0	461.0	460.7	443.9	409.0	466.2	469.7
Morocco	303	286	62.0	27.8	9.9	0.3	0.5	5.3	392.8	398.0	366.8	348.8	402.8	365.7
Netherlands	188	121	54.8	37.0	8.2	0.0	0.4	32.9	514.4	518.5	523.5	.	529.4	517.3
New Zealand	396	215	40.2	44.9	14.2	0.6	1.3	44.0	518.8	527.5	533.7	538.2	523.0	506.8
North Macedonia	274	200	82.2	16.9	0.9	0.0	2.7	25.2	437.9	453.8	490.2	.	423.9	433.4
Norway (5)	314	229	29.9	47.7	21.6	0.8	2.0	22.4	530.8	533.5	531.2	540.1	537.4	523.6
Oman	287	276	75.7	18.8	4.7	0.8	1.8	2.1	434.5	420.8	442.5	421.0	458.3	433.7
Poland	267	264	31.1	45.3	22.9	0.7	0.7	0.7	544.6	550.9	554.6	558.1	528.2	572.0
Portugal	321	316	50.5	36.1	12.8	0.6	0.7	0.8	513.0	507.9	508.6	507.1	522.2	510.7
Qatar	283	276	72.7	23.1	3.0	1.2	1.7	2.3	476.5	459.5	449.2	395.7	453.9	543.2
Romania	188	150	75.9	21.5	2.6	0.0	0.3	20.5	524.0	537.9	545.2	.	592.0	520.0
Saudi Arabia	217	190	88.2	9.1	2.1	0.6	1.9	10.1	428.5	413.7	397.9	396.4	442.0	436.0
Serbia	213	211	52.8	38.3	8.0	0.8	0.8	0.0	514.3	504.3	510.0	503.5	489.1	.
Singapore	362	360	38.1	43.4	17.7	0.8	0.2	0.3	610.3	601.6	616.7	613.4	464.3	585.9
Slovak Republic	269	268	42.4	43.7	13.4	0.5	0.3	0.0	529.3	513.2	513.6	541.5	621.5	.
Slovenia	269	262	41.8	46.4	11.7	0.0	0.0	1.6	527.8	525.7	515.3	.	.	543.1
South Africa (5)	287	234	59.8	31.8	8.1	0.3	1.5	17.4	296.3	325.2	339.9	435.6	224.0	308.1
Spain	582	566	71.4	25.0	3.5	0.0	0.5	2.0	505.3	503.7	479.5	.	480.4	512.4
Sweden	250	212	46.4	40.0	13.7	0.0	1.4	13.1	528.6	538.8	536.0	.	506.0	527.4
Turkiye (5)	171	169	56.0	35.3	7.9	0.9	1.3	0.0	572.0	565.7	569.0	617.0	585.7	.
United Arab Emirates	1435	1286	74.0	20.8	4.9	0.3	0.8	8.5	497.0	496.7	473.9	444.9	472.8	490.0
United States	495	477	40.7	35.6	21.7	2.0	0.2	3.5	531.8	529.6	538.0	549.8	481.5	527.0
Uzbekistan	168	157	70.5	26.4	3.0	0.0	4.8	2.0	411.9	407.1	422.8	.	425.5	420.6
International Avg. (58)	17865	16098	54.5	34.4	10.4	0.7	1.2	8.5	495.8	492.9	495.7	499.8	484.9	492.5
Ontario, Canada	286	240	39.1	43.6	15.2	2.1	2.9	11.2	524.5	527.4	524.9	546.0	532.3	515.6
Quebec, Canada	215	193	42.8	46.0	10.9	0.4	1.6	7.1	506.3	510.9	497.2	543.2	494.4	509.8
Abu Dhabi, UAE	553	497	69.2	24.7	5.8	0.3	1.4	7.7	446.4	458.6	414.0	385.8	408.5	439.2
Dubai, UAE	359	316	66.0	26.8	6.6	0.6	0.4	8.7	571.5	555.1	541.9	498.3	452.0	542.8
Sharjah, UAE	284	249	87.2	10.7	2.2	0.0	1.1	10.9	505.9	475.7	500.2	.	634.8	491.7

Question: How often do you have these feelings about being a teacher? I am proud of the work I do
 Location: TQG-08e (ATBG08E)

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
Albania	123	96	90.2	9.8	0.0	0.0	3.0	17.7	488.9	474.3	.	.	475.9	507.0
Armenia	211	201	76.0	20.6	3.5	0.0	1.6	1.9	454.2	470.7	443.1	.	458.9	461.0
Australia	347	253	55.9	34.3	9.8	0.0	1.7	26.9	551.9	552.1	547.6	614.7	531.6	545.2
Azerbaijan	271	223	82.2	15.0	2.8	0.0	5.3	12.8	421.8	418.4	468.5	.	409.2	420.6
Bahrain	212	212	88.4	9.8	1.8	0.0	0.0	0.0	477.9	445.8	490.5	.	.	.
Belgium (Flemish)	278	215	55.0	36.1	8.7	0.2	0.8	19.7	493.2	488.4	491.1	526.0	481.4	477.0
Belgium (French)	344	293	44.0	43.4	12.7	0.0	1.1	13.7	481.2	482.4	492.7	.	494.3	464.2
Bosnia & Herzegovina	236	180	77.8	19.3	2.9	0.0	2.2	20.2	450.2	445.5	474.2	.	478.9	438.8
Brazil	1047	1002	69.9	24.8	5.2	0.2	2.2	1.5	432.3	412.3	385.1	421.7	420.6	439.3
Bulgaria	208	206	73.7	19.3	7.1	0.0	0.0	1.0	535.0	517.7	507.6	.	.	515.0
Canada	917	814	54.7	37.9	6.7	0.7	2.1	8.8	522.7	521.2	514.5	538.3	521.2	515.3
Chile	178	163	70.6	27.0	2.4	0.0	0.7	7.1	480.9	473.9	516.7	.	484.3	471.0
Chinese Taipei	238	238	47.8	39.9	11.2	1.1	0.0	0.0	573.4	571.5	571.6	588.0	.	.
Cyprus	267	264	58.5	30.1	10.0	1.3	0.5	0.8	488.3	483.4	485.0	523.8	513.1	471.0
Czech Republic	344	340	38.7	41.8	18.0	1.6	0.0	1.1	525.2	526.4	528.9	492.0	.	525.8
Denmark	278	215	44.8	41.0	13.7	0.5	2.1	19.1	523.8	518.7	527.8	532.8	520.6	521.6
England	178	133	52.7	43.3	4.0	0.0	0.9	19.9	562.0	555.2	553.4	.	524.1	548.2
Finland	369	356	41.2	44.5	13.3	1.0	0.6	2.6	539.6	545.8	546.4	518.5	543.2	505.6
France	306	253	33.9	48.0	16.9	1.1	1.0	15.9	493.3	486.9	484.4	514.2	514.3	482.2
Georgia	218	215	70.7	21.6	7.8	0.0	1.3	0.0	468.6	453.0	467.2	.	451.2	.
Germany	243	210	36.8	52.0	10.6	0.5	0.0	13.5	514.5	512.9	528.3	518.9	.	517.8
Hong Kong SAR	182	123	44.1	40.3	15.6	0.0	1.0	31.0	549.9	535.0	535.1	.	554.5	552.9
Hungary	263	218	43.6	41.5	14.4	0.5	0.0	15.4	528.1	518.5	520.2	581.5	.	529.8
Iran, Islamic Rep. of	224	223	77.8	14.9	4.6	2.8	0.3	0.0	435.5	406.1	455.0	449.2	340.0	.
Ireland	239	237	62.9	31.2	5.9	0.0	0.5	0.4	533.2	529.5	532.0	.	511.7	537.9
Italy	266	264	65.6	28.8	5.3	0.3	0.0	0.7	511.2	508.5	513.0	527.0	.	504.4
Japan	142	138	32.8	53.9	12.7	0.6	1.6	1.6	551.7	554.4	560.2	570.7	569.4	568.6
Jordan	224	221	73.9	18.4	5.6	2.2	0.0	0.3	420.4	414.3	414.3	374.1	346.1	336.1
Kazakhstan	303	281	75.2	21.9	2.8	0.0	6.5	1.3	465.6	468.5	499.2	.	453.7	484.2
Korea, Rep. of	199	181	39.9	35.5	19.5	5.1	0.5	7.5	583.1	589.5	577.6	579.8	558.9	574.2
Kosovo	231	202	87.7	12.3	0.0	0.0	2.1	9.5	405.4	401.9	.	.	399.6	386.5
Kuwait	164	163	90.5	8.1	1.4	0.0	0.0	0.7	371.1	361.9	518.9	.	.	495.2
Latvia	213	207	44.1	44.5	11.3	0.0	0.0	3.5	526.0	528.3	518.3	.	.	508.8
Lithuania	250	244	47.5	32.6	18.8	1.1	1.0	0.5	537.2	538.4	533.8	551.5	505.1	572.4
Macao SAR	275	274	39.8	39.8	19.9	0.4	0.4	0.0	536.2	535.2	536.2	518.0	552.5	.
Montenegro	338	319	77.2	18.8	4.0	0.0	0.6	4.0	462.2	448.5	478.8	.	466.2	469.7
Morocco	303	285	82.8	13.0	4.1	0.0	0.4	5.3	394.7	377.0	381.9	326.1	324.4	365.7
Netherlands	188	121	72.7	22.1	5.0	0.3	0.4	32.9	515.5	520.3	519.7	466.2	529.4	517.3
New Zealand	396	216	54.8	41.2	4.1	0.0	1.0	44.0	519.9	530.8	529.1	.	533.9	506.8
North Macedonia	274	200	84.1	13.0	3.0	0.0	2.7	25.2	440.0	442.6	464.4	.	423.9	433.4
Norway (5)	314	229	31.6	53.9	14.4	0.0	2.0	22.4	536.0	531.6	526.7	.	537.4	523.6
Oman	287	276	84.3	13.1	2.5	0.0	1.8	2.1	431.4	438.4	425.7	.	458.3	433.7
Poland	267	264	24.1	38.0	34.9	3.1	0.7	0.7	540.7	554.7	550.4	554.5	528.2	572.0
Portugal	321	316	73.9	21.3	4.1	0.7	0.7	0.8	512.3	503.8	521.0	467.2	522.2	510.7
Qatar	283	277	76.0	21.5	1.6	0.9	1.0	2.3	478.6	446.3	431.1	390.0	503.4	543.2
Romania	188	150	78.1	20.2	1.7	0.0	0.3	20.5	526.7	531.6	514.7	.	592.0	520.0
Saudi Arabia	217	190	90.2	7.5	1.7	0.6	1.9	10.1	427.6	415.7	416.6	396.4	442.0	436.0
Serbia	213	209	70.0	23.5	6.1	0.3	1.9	0.0	513.8	503.4	491.0	558.9	498.4	.
Singapore	362	360	44.9	43.9	10.2	0.9	0.2	0.3	609.1	604.8	614.4	606.2	464.3	585.9
Slovak Republic	269	268	50.8	35.0	13.2	0.9	0.3	0.0	524.4	517.2	509.4	565.3	621.5	.
Slovenia	269	262	51.9	38.9	8.6	0.6	0.0	1.6	525.6	527.3	513.1	558.0	.	543.1
South Africa (5)	287	238	74.6	23.5	2.0	0.0	0.1	17.4	309.2	307.4	264.8	.	287.9	308.1
Spain	582	566	67.8	28.5	3.7	0.0	0.5	2.0	506.5	499.2	494.1	.	480.4	512.4
Sweden	250	212	54.2	39.6	6.2	0.0	1.4	13.1	530.8	535.1	550.1	.	506.0	527.4
Turkiye (5)	171	169	70.1	25.2	4.3	0.3	1.3	0.0	569.6	568.1	586.4	562.4	585.7	.
United Arab Emirates	1435	1286	84.7	13.2	2.0	0.0	0.8	8.5	495.3	497.0	498.2	496.1	472.8	490.0
United States	495	477	57.0	34.6	8.2	0.3	0.2	3.5	531.2	537.7	523.2	497.4	481.5	527.0
Uzbekistan	168	158	78.6	21.4	0.0	0.0	4.2	2.0	411.1	410.0	.	.	429.7	420.6
International Avg. (58)	17865	16106	62.5	29.2	7.8	0.5	1.1	8.5	495.6	491.3	500.8	512.0	485.5	492.5
Ontario, Canada	286	240	56.6	37.5	4.3	1.6	2.9	11.2	525.6	527.8	517.2	538.3	532.3	515.6
Quebec, Canada	215	193	47.2	42.5	10.3	0.0	1.6	7.1	506.2	511.0	499.4	.	494.4	509.8
Abu Dhabi, UAE	553	497	82.0	15.8	2.2	0.0	1.4	7.7	444.5	456.4	489.7	.	408.5	439.2
Dubai, UAE	359	316	79.2	18.4	2.2	0.2	0.4	8.7	567.0	559.4	531.6	496.1	542.0	542.8
Sharjah, UAE	284	249	92.9	5.4	1.7	0.0	1.1	10.9	505.5	455.5	494.7	.	634.8	491.7

Question: How often do you have these feelings about being a teacher? I feel appreciated as a teacher
Location: TQG-08f (ATBG08F)

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
Albania	123	96	61.7	34.7	3.7	0.0	3.0	17.7	496.2	473.7	471.7	.	475.9	507.0
Armenia	211	202	46.2	39.7	13.7	0.4	1.1	1.9	456.4	460.5	451.8	462.3	440.2	461.0
Australia	347	253	25.7	31.5	36.8	6.1	1.7	26.9	552.9	554.2	552.8	524.6	531.6	545.2
Azerbaijan	271	223	51.3	25.7	22.7	0.3	5.0	12.8	420.1	415.9	437.8	383.3	401.8	420.6
Bahrain	212	212	70.2	19.7	7.8	2.3	0.0	0.0	484.9	444.2	462.4	479.5	.	.
Belgium (Flemish)	278	215	19.0	43.8	34.2	3.1	0.8	19.7	489.3	492.6	489.6	506.7	481.4	477.0
Belgium (French)	344	294	34.2	45.2	18.3	2.4	1.0	13.7	483.2	487.2	475.0	467.5	497.2	464.2
Bosnia & Herzegovina	236	179	32.0	54.1	13.7	0.2	2.4	20.2	453.9	445.8	458.3	419.7	473.8	438.8
Brazil	1047	1002	22.3	21.4	44.0	12.3	2.0	1.5	435.9	426.2	422.9	408.9	426.3	439.3
Bulgaria	208	206	43.8	38.9	16.9	0.4	0.0	1.0	542.0	523.1	512.0	580.2	.	515.0
Canada	917	815	24.5	39.7	29.7	6.1	2.1	8.8	523.7	519.2	521.7	530.3	521.2	515.3
Chile	178	164	26.3	39.4	31.8	2.5	0.0	7.1	485.2	474.3	482.7	476.4	.	471.0
Chinese Taipei	238	238	25.8	42.1	28.6	3.5	0.0	0.0	573.7	572.0	573.9	561.5	.	.
Cyprus	267	264	37.5	33.3	26.4	2.8	0.5	0.8	492.8	486.4	480.7	475.6	513.1	471.0
Czech Republic	344	339	11.2	36.2	46.2	6.4	0.2	1.1	529.5	527.4	524.7	520.5	480.1	525.8
Denmark	278	216	26.0	43.7	25.1	5.2	1.8	19.1	526.0	524.5	515.2	521.6	515.4	521.6
England	178	134	19.6	35.0	37.8	7.6	0.5	19.9	565.5	555.6	556.0	566.6	520.7	548.2
Finland	369	356	29.7	47.6	21.7	0.9	0.6	2.6	544.6	543.5	541.6	499.9	543.2	505.6
France	306	253	3.3	16.1	63.9	16.7	1.0	15.9	473.4	495.9	487.7	490.2	514.3	482.2
Georgia	218	215	36.2	37.4	24.7	1.8	1.2	0.0	460.1	467.8	467.3	491.3	435.4	.
Germany	243	210	15.3	38.6	39.1	7.0	0.0	13.5	517.2	514.1	514.5	519.6	.	517.8
Hong Kong SAR	182	123	32.7	48.9	17.0	1.4	1.0	31.0	544.7	535.7	552.4	546.7	554.5	552.9
Hungary	263	218	2.7	19.9	56.8	20.7	0.0	15.4	468.3	522.9	528.2	516.9	.	529.8
Iran, Islamic Rep. of	224	223	63.7	23.7	9.9	2.7	0.3	0.0	431.4	421.3	460.7	449.0	340.0	.
Ireland	239	237	29.3	34.4	32.6	3.7	0.5	0.4	528.2	533.1	534.5	529.4	511.7	537.9
Italy	266	263	34.7	48.8	15.3	1.2	0.3	0.7	509.3	511.6	508.9	532.4	491.5	504.4
Japan	142	138	15.1	54.4	28.2	2.3	1.6	1.6	545.9	556.4	555.7	546.7	569.4	568.6
Jordan	224	221	60.8	24.1	10.5	4.6	0.0	0.3	421.6	411.7	429.0	377.5	346.1	336.1
Kazakhstan	303	282	67.9	29.1	2.5	0.5	6.2	1.3	466.1	465.3	524.3	402.8	455.6	484.2
Korea, Rep. of	199	181	34.7	32.6	25.5	7.2	0.5	7.5	588.2	581.8	582.6	580.8	558.9	574.2
Kosovo	231	202	59.8	30.3	9.9	0.0	2.1	9.5	402.7	407.5	410.9	.	399.6	386.5
Kuwait	164	162	68.9	25.3	5.2	0.6	0.7	0.7	372.2	377.7	351.0	308.9	421.4	495.2
Latvia	213	207	21.3	45.0	32.3	1.3	0.0	3.5	529.4	529.7	518.3	543.5	.	508.8
Lithuania	250	244	31.1	48.7	18.3	1.9	1.2	0.5	539.8	536.8	531.9	543.3	522.9	572.4
Macao SAR	275	274	24.7	39.3	34.5	1.5	0.4	0.0	528.1	540.9	535.3	535.1	552.5	.
Montenegro	338	318	45.5	36.2	16.7	1.6	1.4	4.0	458.7	462.7	457.2	457.6	485.3	469.7
Morocco	303	286	66.1	20.8	12.9	0.3	0.5	5.3	398.4	380.0	376.7	335.4	388.2	365.7
Netherlands	188	121	42.0	42.3	14.0	1.7	0.4	32.9	515.6	519.0	514.7	503.0	529.4	517.3
New Zealand	396	215	26.7	34.1	35.0	4.3	1.2	44.0	520.7	527.3	523.3	540.7	534.1	506.8
North Macedonia	274	201	51.8	33.1	15.1	0.0	2.4	25.2	437.0	451.4	431.1	.	426.7	433.4
Norway (5)	314	229	11.9	42.2	36.7	9.2	2.0	22.4	540.9	529.1	534.6	526.6	537.4	523.6
Oman	287	276	76.1	17.7	4.4	1.8	1.8	2.1	431.4	435.2	431.0	438.1	458.3	433.7
Poland	267	263	15.2	30.7	46.8	7.3	1.1	0.7	540.9	552.7	551.6	546.6	525.2	572.0
Portugal	321	316	9.1	27.1	48.6	15.3	0.7	0.8	509.9	513.3	509.2	510.4	522.2	510.7
Qatar	283	277	61.1	26.7	10.3	2.0	1.0	2.3	465.2	478.5	481.4	450.1	503.4	543.2
Romania	188	150	58.4	29.5	11.6	0.5	0.3	20.5	527.7	524.2	535.5	515.4	592.0	520.0
Saudi Arabia	217	190	82.5	8.6	6.8	2.1	1.9	10.1	428.1	426.8	411.6	401.0	442.0	436.0
Serbia	213	211	29.5	43.4	25.3	1.8	0.8	0.0	505.4	512.8	510.4	513.2	489.1	.
Singapore	362	360	28.6	39.9	29.4	2.0	0.2	0.3	606.6	604.3	614.3	595.2	464.3	585.9
Slovak Republic	269	268	8.0	27.3	55.8	8.9	0.3	0.0	518.9	528.4	517.6	512.8	621.5	.
Slovenia	269	262	12.1	40.1	40.7	7.1	0.0	1.6	523.4	524.2	527.8	521.6	.	543.1
South Africa (5)	287	239	43.7	27.4	25.4	3.5	0.0	17.4	288.0	336.7	312.1	300.4	.	308.1
Spain	582	566	39.2	38.5	18.2	4.0	0.5	2.0	505.0	503.9	503.1	499.0	480.4	512.4
Sweden	250	212	34.1	43.5	21.3	1.2	1.4	13.1	536.1	530.2	536.8	538.9	506.0	527.4
Turkiye (5)	171	169	34.1	30.0	29.8	6.1	1.3	0.0	572.5	571.9	564.7	571.6	585.7	.
United Arab Emirates	1435	1285	63.8	20.6	13.2	2.5	0.9	8.5	501.0	489.4	483.4	470.6	479.9	490.0
United States	495	477	17.3	33.1	41.2	8.4	0.2	3.5	539.7	528.9	531.3	540.2	481.5	527.0
Uzbekistan	168	157	62.8	30.0	7.2	0.0	4.8	2.0	412.1	407.3	416.7	.	425.5	420.6
International Avg. (58)	17865	16109	36.7	34.3	25.0	4.0	1.1	8.5	494.2	494.4	494.8	492.4	489.3	492.5
Ontario, Canada	286	240	19.7	33.3	36.7	10.4	2.9	11.2	530.2	524.2	522.9	537.8	532.3	515.6
Quebec, Canada	215	193	32.9	47.5	18.6	1.0	1.6	7.1	507.0	506.7	511.4	497.8	494.4	509.8
Abu Dhabi, UAE	553	497	54.1	25.6	16.0	4.3	1.4	7.7	457.4	438.1	429.4	442.0	408.5	439.2
Dubai, UAE	359	315	57.5	22.1	18.6	1.8	0.5	8.7	569.8	564.9	552.7	517.8	500.0	542.8
Sharjah, UAE	284	249	79.3	13.8	5.5	1.3	1.1	10.9	504.1	505.9	468.2	522.1	634.8	491.7

Question: How often do you have these feelings about being a teacher? I enjoy the challenges of teaching
Location: TQG-08g (ATBG08G)

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
Albania	123	96	78.8	21.2	0.0	0.0	3.0	17.7	490.5	476.5	460.4	462.7	475.9	507.0
Armenia	211	202	48.7	44.1	6.9	0.3	1.1	1.9	455.0	459.6	459.6	460.4	440.2	461.0
Australia	347	253	32.8	42.8	22.1	2.3	1.7	26.9	553.4	554.7	544.0	538.2	531.6	545.2
Azerbaijan	271	223	47.1	37.6	11.8	3.5	4.7	12.8	420.3	422.5	435.6	406.6	409.8	420.6
Bahrain	212	212	67.5	24.5	6.2	1.8	0.0	0.0	485.3	456.3	438.6	467.5	.	.
Belgium (Flemish)	278	215	40.8	45.7	13.0	0.5	0.8	19.7	495.4	489.3	485.0	518.2	481.4	477.0
Belgium (French)	344	293	23.1	51.2	23.1	2.6	1.2	13.7	477.2	485.1	485.1	485.6	484.6	464.2
Bosnia & Herzegovina	236	180	54.9	43.6	1.6	0.0	2.2	20.2	456.3	441.5	463.5	.	478.9	438.8
Brazil	1047	1003	53.8	32.3	13.7	0.1	2.0	1.5	434.9	416.9	404.2	388.1	426.1	439.3
Bulgaria	208	206	49.8	42.4	7.8	0.0	0.0	1.0	539.3	521.7	512.6	.	.	515.0
Canada	917	815	32.0	45.2	21.5	1.3	2.1	8.8	521.2	521.7	521.8	533.5	521.2	515.3
Chile	178	164	60.9	36.7	2.3	0.0	0.0	7.1	483.2	473.9	487.1	.	.	471.0
Chinese Taipei	238	238	37.9	44.2	17.3	0.6	0.0	0.0	573.6	573.3	568.7	573.4	.	.
Cyprus	267	264	43.0	46.6	10.4	0.0	0.5	0.8	488.8	488.8	471.1	.	513.1	471.0
Czech Republic	344	339	27.4	56.3	14.2	2.1	0.2	1.1	527.6	525.7	522.2	534.6	480.1	525.8
Denmark	278	215	40.4	42.4	15.6	1.5	2.1	19.1	523.6	522.3	518.9	520.9	520.6	521.6
England	178	134	32.0	41.5	24.5	2.0	0.5	19.9	562.9	556.0	555.8	573.8	520.7	548.2
Finland	369	356	23.0	43.1	32.7	1.2	0.6	2.6	539.8	544.7	545.3	478.7	543.2	505.6
France	306	253	22.0	56.0	21.1	0.9	1.0	15.9	493.7	485.7	492.1	505.0	514.3	482.2
Georgia	218	214	46.2	38.0	15.1	0.6	1.9	0.0	462.9	466.0	472.9	425.1	444.1	.
Germany	243	210	30.6	54.9	14.5	0.0	0.0	13.5	515.8	516.0	510.4	.	.	517.8
Hong Kong SAR	182	123	43.3	35.6	21.2	0.0	1.0	31.0	558.7	524.3	535.7	.	554.5	552.9
Hungary	263	218	33.7	49.1	15.0	2.2	0.0	15.4	521.8	523.6	523.6	535.9	.	529.8
Iran, Islamic Rep. of	224	222	75.1	20.2	3.9	0.9	0.8	0.0	432.6	430.3	447.6	402.4	388.2	.
Ireland	239	237	35.6	41.3	21.6	1.5	0.5	0.4	533.7	532.5	529.5	512.1	511.7	537.9
Italy	266	264	58.0	37.6	4.4	0.0	0.0	0.7	510.4	510.4	515.3	.	.	504.4
Japan	142	138	32.0	48.5	18.0	1.5	1.6	1.6	550.9	554.6	562.0	530.4	569.4	568.6
Jordan	224	220	53.5	30.0	11.7	4.8	0.3	0.3	420.4	418.3	415.1	400.3	339.7	336.1
Kazakhstan	303	281	43.2	34.6	20.5	1.7	6.6	1.3	474.1	466.3	455.8	445.1	453.7	484.2
Korea, Rep. of	199	181	34.9	37.9	19.5	7.8	0.5	7.5	590.1	582.5	580.5	574.3	558.9	574.2
Kosovo	231	202	74.8	21.2	4.0	0.0	2.1	9.5	402.1	412.7	417.4	.	399.6	386.5
Kuwait	164	161	74.0	20.1	5.3	0.7	1.3	0.7	370.4	376.0	381.1	378.0	399.6	495.2
Latvia	213	205	27.8	49.4	22.9	0.0	0.7	3.5	532.6	528.0	515.5	.	487.4	508.8
Lithuania	250	245	35.3	44.4	20.2	0.0	1.0	0.5	539.6	536.4	534.0	.	510.7	572.4
Macao SAR	275	274	33.0	45.2	21.3	0.5	0.4	0.0	535.6	538.6	529.9	539.9	552.5	.
Montenegro	338	317	68.9	30.2	0.8	0.0	1.5	4.0	461.4	456.4	461.0	.	486.3	469.7
Morocco	303	285	61.5	23.9	14.3	0.4	1.2	5.3	399.5	393.2	357.7	338.8	378.1	365.7
Netherlands	188	121	56.1	35.6	8.2	0.0	0.4	32.9	511.2	523.7	523.3	.	529.4	517.3
New Zealand	396	216	36.9	43.9	18.8	0.4	1.0	44.0	517.2	528.8	529.4	552.0	533.9	506.8
North Macedonia	274	200	69.7	25.0	5.3	0.0	2.7	25.2	439.9	445.8	433.1	.	423.9	433.4
Norway (5)	314	229	33.2	55.7	10.3	0.8	2.0	22.4	533.2	531.8	531.3	540.1	537.4	523.6
Oman	287	275	59.3	31.5	7.1	2.1	2.2	2.1	438.8	425.3	412.9	429.9	436.6	433.7
Poland	267	264	18.2	43.6	35.8	2.4	0.7	0.7	545.7	551.7	549.7	550.2	528.2	572.0
Portugal	321	316	63.1	31.1	5.8	0.0	0.7	0.8	509.5	511.5	517.5	.	522.2	510.7
Qatar	283	276	65.4	28.9	4.3	1.4	1.1	2.3	476.0	462.0	455.3	413.8	496.1	543.2
Romania	188	150	78.0	21.5	0.5	0.0	0.3	20.5	525.4	535.5	515.4	.	592.0	520.0
Saudi Arabia	217	190	77.2	18.2	3.6	1.0	1.9	10.1	427.8	431.0	379.5	397.6	442.0	436.0
Serbia	213	211	66.6	29.5	3.9	0.0	0.8	0.0	512.2	506.9	497.0	.	489.1	.
Singapore	362	360	27.9	44.3	26.2	1.6	0.2	0.3	603.8	605.5	615.3	612.3	464.3	585.9
Slovak Republic	269	268	30.7	43.6	25.1	0.6	0.3	0.0	527.1	518.4	516.1	480.8	621.5	.
Slovenia	269	262	49.0	41.9	8.6	0.5	0.0	1.6	528.1	524.2	516.4	508.1	.	543.1
South Africa (5)	287	238	41.0	38.5	17.3	3.2	0.1	17.4	315.6	300.1	318.9	243.5	287.9	308.1
Spain	582	566	51.5	36.8	11.4	0.3	0.5	2.0	506.0	502.6	499.3	505.2	480.4	512.4
Sweden	250	212	50.6	37.1	12.3	0.0	1.4	13.1	530.7	537.8	534.1	.	506.0	527.4
Turkiye (5)	171	169	32.9	35.2	28.3	3.6	1.3	0.0	574.9	571.1	562.6	569.3	585.7	.
United Arab Emirates	1435	1284	71.3	21.5	6.7	0.4	1.0	8.5	500.9	487.4	470.7	442.7	467.7	490.0
United States	495	477	28.2	37.9	30.9	2.9	0.2	3.5	531.1	527.5	541.6	522.7	481.5	527.0
Uzbekistan	168	157	57.1	22.8	19.6	0.5	4.8	2.0	409.7	413.5	411.1	444.4	425.5	420.6
International Avg. (58)	17865	16099	47.3	37.7	14.0	1.1	1.2	8.5	496.5	493.5	491.0	482.0	484.5	492.5
Ontario, Canada	286	240	30.8	42.1	24.7	2.4	2.9	11.2	526.3	524.1	529.1	535.3	532.3	515.6
Quebec, Canada	215	193	37.1	47.7	14.6	0.6	1.6	7.1	509.8	506.1	505.9	527.9	494.4	509.8
Abu Dhabi, UAE	553	497	65.1	25.1	8.9	0.9	1.4	7.7	451.7	444.6	424.5	430.9	408.5	439.2
Dubai, UAE	359	316	69.6	23.6	6.5	0.3	0.4	8.7	568.9	559.9	540.7	501.4	452.0	542.8
Sharjah, UAE	284	248	81.6	13.6	4.8	0.0	1.8	10.9	507.4	483.3	484.8	.	556.8	491.7

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 (ATBG09A)

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
Albania	123	98	32.2	32.5	22.1	13.2	0.9	17.7	483.0	486.3	487.6	498.2	484.4	507.0
Armenia	211	198	59.5	22.8	7.2	10.5	2.6	1.9	452.3	457.0	452.7	485.2	470.2	461.0
Australia	347	254	28.1	39.3	24.8	7.8	1.4	26.9	550.6	551.7	548.7	564.3	525.1	545.2
Azerbaijan	271	223	27.1	41.3	24.8	6.8	4.8	12.8	423.1	423.7	418.1	426.7	411.2	420.6
Bahrain	212	209	26.4	39.9	14.7	19.0	2.0	0.0	458.8	464.7	482.6	509.6	509.4	.
Belgium (Flemish)	278	215	29.8	42.8	22.5	4.9	0.4	19.7	491.8	494.5	484.4	491.9	489.0	477.0
Belgium (French)	344	293	51.8	29.0	15.3	4.0	1.2	13.7	487.2	477.3	484.0	469.5	493.3	464.2
Bosnia & Herzegovina	236	182	28.1	32.9	15.6	23.4	1.5	20.2	452.7	447.2	449.5	451.3	486.3	438.8
Brazil	1047	1003	32.9	36.6	21.8	8.7	2.4	1.5	411.1	428.5	429.3	448.1	430.3	439.3
Bulgaria	208	206	20.8	34.2	26.9	18.1	0.0	1.0	553.4	541.9	506.8	513.5	.	515.0
Canada	917	819	54.6	31.0	10.3	4.1	3.6	8.8	519.2	519.4	520.0	560.6	537.4	515.3
Chile	178	164	38.7	29.7	28.2	3.3	0.0	7.1	481.9	477.7	476.7	503.6	.	471.0
Chinese Taipei	238	238	17.2	52.6	23.9	6.3	0.0	0.0	572.6	575.1	569.4	564.3	.	.
Cyprus	267	265	62.5	16.2	11.7	9.6	0.0	0.8	491.5	480.0	486.4	471.5	.	471.0
Czech Republic	344	340	22.1	36.2	31.4	10.3	0.0	1.1	524.0	524.6	527.4	529.5	.	525.8
Denmark	278	214	20.6	47.3	19.2	12.9	2.9	19.1	529.1	518.8	522.8	524.5	516.2	521.6
England	178	133	21.8	36.8	23.7	17.7	1.4	19.9	552.4	552.2	556.6	579.5	568.9	548.2
Finland	369	356	31.7	36.7	26.0	5.6	0.6	2.6	542.9	548.1	538.9	529.7	543.2	505.6
France	306	253	55.4	38.8	5.8	0.0	1.0	15.9	492.4	487.5	465.7	.	514.3	482.2
Georgia	218	217	31.6	30.9	23.8	13.8	0.9	0.0	461.0	466.2	460.5	480.4	444.6	.
Germany	243	209	49.3	26.7	18.5	5.6	0.6	13.5	514.7	510.8	520.1	523.6	515.5	517.8
Hong Kong SAR	182	124	19.1	42.9	29.7	8.3	0.0	31.0	556.1	549.3	522.6	539.3	.	552.9
Hungary	263	215	31.5	27.6	32.6	8.3	0.9	15.4	535.1	526.1	514.4	504.1	519.5	529.8
Iran, Islamic Rep. of	224	224	46.5	32.0	9.6	11.9	0.0	0.0	427.9	433.4	437.8	440.3	.	.
Ireland	239	237	46.1	31.4	15.3	7.2	0.5	0.4	534.1	529.9	530.8	530.0	511.7	537.9
Italy	266	264	31.2	38.7	23.9	6.2	0.0	0.7	500.4	515.5	512.7	522.9	.	504.4
Japan	142	138	25.1	43.2	25.1	6.7	1.6	1.6	564.4	553.3	553.6	532.5	546.6	568.6
Jordan	224	221	38.9	29.5	22.7	8.9	0.6	0.3	401.5	416.7	428.9	471.0	347.9	336.1
Kazakhstan	303	285	18.0	33.6	43.2	5.1	5.8	1.3	494.5	464.8	454.8	494.0	449.3	484.2
Korea, Rep. of	199	181	37.9	44.1	10.2	7.9	0.5	7.5	586.7	579.8	593.5	583.9	558.9	574.2
Kosovo	231	200	30.7	36.8	12.1	20.3	3.2	9.5	415.1	412.7	391.8	387.3	381.1	386.5
Kuwait	164	162	29.2	43.7	16.0	11.1	0.7	0.7	350.6	380.4	355.6	425.4	337.7	495.2
Latvia	213	207	36.2	28.8	26.2	8.7	0.0	3.5	528.3	531.7	527.0	496.1	.	508.8
Lithuania	250	248	47.3	31.2	8.9	12.6	0.2	0.5	541.9	536.9	526.9	523.8	561.6	572.4
Macao SAR	275	274	27.8	44.0	22.8	5.4	0.5	0.0	546.8	534.3	525.8	537.4	492.1	.
Montenegro	338	314	39.0	28.8	19.1	13.1	2.9	4.0	460.5	451.4	464.4	469.5	476.7	469.7
Morocco	303	286	46.9	21.7	13.9	17.5	0.8	5.3	375.9	404.3	395.4	413.9	414.5	365.7
Netherlands	188	120	25.0	47.0	21.7	6.3	1.2	32.9	519.4	514.7	516.3	525.6	507.0	517.3
New Zealand	396	215	53.2	30.4	12.2	4.3	1.2	44.0	523.1	527.1	516.1	550.1	536.9	506.8
North Macedonia	274	199	35.0	33.5	20.9	10.7	3.4	25.2	451.5	437.4	430.3	447.8	407.8	433.4
Norway (5)	314	229	31.2	39.4	19.7	9.8	2.0	22.4	531.9	536.4	517.9	546.1	537.4	523.6
Oman	287	274	63.8	24.4	8.1	3.8	2.5	2.1	428.0	433.4	440.8	483.7	440.0	433.7
Poland	267	264	33.2	29.6	25.3	11.9	0.7	0.7	550.9	552.1	543.2	555.1	528.2	572.0
Portugal	321	315	59.2	27.9	9.0	4.0	0.4	0.8	509.3	508.2	518.8	525.9	544.5	510.7
Qatar	283	273	25.8	37.3	20.5	16.5	2.0	2.3	445.7	469.9	481.4	496.0	475.1	543.2
Romania	188	151	63.1	26.7	4.2	6.0	0.0	20.5	530.5	519.8	520.5	540.2	.	520.0
Saudi Arabia	217	190	41.7	29.9	20.1	8.4	2.1	10.1	420.0	421.2	445.6	433.1	427.7	436.0
Serbia	213	210	49.2	33.2	4.9	12.7	1.5	0.0	518.4	506.1	481.1	498.3	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	33.5	35.0	16.7	14.7	0.7	0.0	515.2	522.9	526.0	519.8	547.6	.
Slovenia	269	261	40.5	39.9	18.7	0.8	0.3	1.6	526.1	525.3	525.5	511.5	476.4	543.1
South Africa (5)	287	237	49.8	23.8	10.9	15.6	0.6	17.4	270.3	330.7	359.1	360.9	229.2	308.1
Spain	582	564	57.4	24.8	13.4	4.4	1.1	2.0	500.9	504.2	512.6	508.3	523.9	512.4
Sweden	250	213	21.3	40.1	28.5	10.1	1.0	13.1	530.1	537.6	529.9	538.9	477.7	527.4
Turkiye (5)	171	170	31.0	30.1	17.9	21.0	0.3	0.0	566.9	575.1	564.5	573.0	536.8	.
United Arab Emirates	1435	1287	24.6	38.1	19.1	18.3	0.8	8.5	462.8	503.8	492.9	523.6	512.7	490.0
United States	495	476	31.7	35.5	18.8	14.0	0.6	3.5	526.7	534.8	534.3	542.3	443.2	527.0
Uzbekistan	168	159	37.6	42.0	7.8	12.6	3.6	2.0	399.7	425.2	393.8	411.7	418.3	420.6
International Avg. (57)	17865	15743	36.9	34.4	18.7	10.0	1.3	8.7	491.1	493.7	490.8	501.6	481.1	490.6
Ontario, Canada	286	241	54.6	34.0	7.2	4.3	6.8	11.2	525.3	526.0	524.6	520.3	541.2	515.6
Quebec, Canada	215	194	61.2	24.6	13.5	0.7	0.8	7.1	509.8	499.6	508.4	542.9	511.4	509.8
Abu Dhabi, UAE	553	499	24.7	37.4	21.0	17.0	0.7	7.7	411.5	456.0	440.6	485.4	437.8	439.2
Dubai, UAE	359	316	22.9	41.1	14.9	21.2	0.5	8.7	537.3	568.7	567.9	582.3	567.7	542.8
Sharjah, UAE	284	250	22.8	36.8	20.9	19.5	0.9	10.9	468.1	508.0	508.0	526.7	659.8	491.7

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 (ATBG09B)

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
Albania	123	98	35.5	44.8	11.1	8.6	0.9	17.7	475.2	488.0	490.2	527.6	484.4	507.0
Armenia	211	198	15.7	52.3	18.2	13.8	3.7	1.9	459.3	454.1	465.8	457.0	452.1	461.0
Australia	347	253	46.6	41.7	10.2	1.4	2.0	26.9	553.4	550.7	548.0	570.4	519.0	545.2
Azerbaijan	271	220	22.4	49.1	23.0	5.5	5.6	12.8	417.4	423.6	428.7	408.3	409.7	420.6
Bahrain	212	209	17.0	43.1	24.2	15.7	1.5	0.0	460.3	474.9	461.5	512.5	467.8	.
Belgium (Flemish)	278	215	13.1	41.3	41.8	3.8	0.4	19.7	483.1	491.9	492.9	494.6	489.0	477.0
Belgium (French)	344	292	28.3	38.7	26.4	6.5	1.2	13.7	485.2	480.4	487.2	476.7	480.1	464.2
Bosnia & Herzegovina	236	182	23.6	55.4	12.1	9.0	1.5	20.2	455.9	446.8	452.5	451.5	486.3	438.8
Brazil	1047	1000	47.2	40.1	9.7	3.0	2.5	1.5	427.2	416.3	450.3	418.5	425.5	439.3
Bulgaria	208	206	30.0	45.4	18.6	6.0	0.0	1.0	536.3	535.7	492.5	567.7	.	515.0
Canada	917	819	53.9	33.1	8.8	4.2	3.6	8.8	520.9	518.0	516.4	556.9	537.4	515.3
Chile	178	164	22.6	51.6	22.4	3.3	0.0	7.1	487.3	476.2	485.4	449.5	.	471.0
Chinese Taipei	238	238	14.5	42.1	36.9	6.5	0.0	0.0	569.0	573.7	571.0	582.8	.	.
Cyprus	267	265	49.3	36.5	13.0	1.3	0.0	0.8	488.4	485.1	491.6	450.8	.	471.0
Czech Republic	344	338	17.8	50.7	29.9	1.6	0.6	1.1	525.5	527.2	527.1	475.0	494.1	525.8
Denmark	278	212	25.2	51.7	19.7	3.4	3.8	19.1	531.3	519.6	520.1	502.7	525.5	521.6
England	178	133	46.4	39.7	7.9	6.0	1.4	19.9	552.9	553.4	570.8	612.8	568.9	548.2
Finland	369	355	13.2	36.0	44.4	6.5	1.0	2.6	546.5	545.0	540.6	540.1	551.3	505.6
France	306	252	59.9	36.1	4.0	0.0	1.3	15.9	492.9	481.2	496.4	.	519.2	482.2
Georgia	218	211	10.7	42.7	30.6	16.0	4.2	0.0	459.9	472.3	463.2	453.9	457.7	.
Germany	243	209	31.2	52.4	15.5	0.9	0.6	13.5	516.1	515.7	512.5	492.2	515.5	517.8
Hong Kong SAR	182	124	23.4	53.2	21.3	2.1	0.0	31.0	530.5	550.9	536.0	496.9	.	552.9
Hungary	263	217	41.3	41.1	16.5	1.2	0.3	15.4	515.3	531.7	519.8	551.0	532.2	529.8
Iran, Islamic Rep. of	224	223	51.7	32.7	12.3	3.3	0.5	0.0	437.1	424.8	432.9	423.5	431.4	.
Ireland	239	236	64.7	32.6	2.8	0.0	1.1	0.4	534.0	528.6	521.8	.	531.1	537.9
Italy	266	264	27.7	43.2	24.1	5.1	0.0	0.7	509.7	512.7	507.3	512.8	.	504.4
Japan	142	138	22.0	45.8	29.4	2.8	1.6	1.6	559.8	554.7	553.3	530.4	546.6	568.6
Jordan	224	221	28.4	39.5	24.1	7.9	0.6	0.3	412.4	417.9	429.0	409.8	347.9	336.1
Kazakhstan	303	282	19.0	48.3	29.3	3.4	6.6	1.3	488.8	461.1	463.6	463.1	454.2	484.2
Korea, Rep. of	199	181	39.1	40.6	18.1	2.2	0.5	7.5	588.4	583.2	577.1	585.7	558.9	574.2
Kosovo	231	203	32.3	47.9	13.1	6.7	1.8	9.5	413.1	399.0	407.9	406.9	387.0	386.5
Kuwait	164	163	21.8	48.7	18.1	11.3	0.0	0.7	376.6	362.5	364.7	420.2	.	495.2
Latvia	213	207	28.3	42.2	29.0	0.6	0.0	3.5	520.8	521.7	538.6	487.7	.	508.8
Lithuania	250	248	24.7	50.9	17.9	6.6	0.2	0.5	541.9	533.5	538.5	537.2	561.6	572.4
Macao SAR	275	273	30.4	44.1	20.7	4.8	0.9	0.0	544.6	531.2	531.6	544.9	514.6	.
Montenegro	338	313	41.2	38.9	12.9	7.0	2.9	4.0	458.0	460.1	464.9	458.8	476.7	469.7
Morocco	303	284	60.5	21.0	10.4	8.1	1.2	5.3	375.0	405.0	429.3	431.9	396.0	365.7
Netherlands	188	120	25.4	44.6	25.0	5.0	1.2	32.9	515.0	520.2	512.3	519.9	507.0	517.3
New Zealand	396	215	61.0	31.6	6.4	1.0	1.2	44.0	527.7	519.6	518.8	531.8	536.9	506.8
North Macedonia	274	199	53.5	29.1	15.7	1.7	3.4	25.2	442.4	436.7	444.9	475.2	413.6	433.4
Norway (5)	314	228	24.3	53.5	21.7	0.5	2.3	22.4	537.1	530.1	532.9	518.1	534.2	523.6
Oman	287	274	55.6	33.0	9.4	2.0	2.5	2.1	427.8	431.6	457.3	456.6	440.0	433.7
Poland	267	264	57.4	29.6	11.8	1.2	0.7	0.7	548.3	551.6	552.8	551.3	528.2	572.0
Portugal	321	315	67.8	27.0	4.8	0.4	0.4	0.8	506.6	518.8	512.3	574.8	544.5	510.7
Qatar	283	274	27.3	39.3	22.1	11.2	1.4	2.3	445.6	478.1	476.2	493.5	467.2	543.2
Romania	188	150	58.6	30.4	4.3	6.6	0.0	20.6	530.1	518.2	531.3	548.0	.	520.3
Saudi Arabia	217	189	61.0	28.7	7.2	3.1	2.5	10.1	424.5	422.9	453.6	428.4	439.1	436.0
Serbia	213	210	45.3	46.2	6.4	2.1	1.5	0.0	512.6	503.9	524.2	542.7	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	20.5	45.1	25.0	9.4	0.7	0.0	522.3	522.9	514.7	519.6	547.6	.
Slovenia	269	262	51.8	40.0	6.8	1.4	0.0	1.6	525.8	522.0	535.2	555.6	.	543.1
South Africa (5)	287	235	22.1	41.0	26.3	10.6	1.0	17.4	300.5	302.5	327.5	305.7	218.6	308.1
Spain	582	563	29.6	37.1	28.2	5.1	1.5	2.0	504.9	502.3	502.7	511.6	516.3	512.4
Sweden	250	212	15.9	43.9	34.1	6.1	1.4	13.1	513.6	537.8	535.6	552.1	483.7	527.4
Turkiye (5)	171	171	12.4	35.9	27.6	24.0	0.0	0.0	547.8	579.0	574.1	563.7	.	.
United Arab Emirates	1435	1284	27.0	38.1	21.3	13.6	0.9	8.5	473.9	491.5	504.4	533.7	516.2	490.0
United States	495	476	44.0	40.1	13.6	2.3	0.6	3.5	527.9	539.8	529.2	543.1	443.2	527.0
Uzbekistan	168	157	24.6	48.4	14.0	13.0	4.8	2.0	404.9	407.0	425.7	423.0	421.7	420.6
International Avg. (57)	17865	15711	34.5	41.4	18.6	5.5	1.4	8.7	491.0	492.0	495.6	498.4	482.3	490.6
Ontario, Canada	286	241	62.2	29.8	4.6	3.4	6.8	11.2	528.1	518.3	536.2	520.8	541.2	515.6
Quebec, Canada	215	194	48.4	30.8	16.4	4.3	0.8	7.1	506.3	506.3	508.7	520.7	511.4	509.8
Abu Dhabi, UAE	553	499	27.1	41.5	21.3	10.1	0.7	7.7	433.3	437.1	460.0	494.9	437.8	439.2
Dubai, UAE	359	315	24.8	35.4	23.2	16.5	0.8	8.7	536.1	573.8	568.0	580.6	567.7	542.8
Sharjah, UAE	284	249	23.8	37.7	19.8	18.7	1.1	10.9	484.3	501.8	493.2	537.1	638.7	491.7

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 (ATBG09C)

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
Albania	123	98	16.2	45.8	25.7	12.3	0.9	17.7	471.7	486.3	493.9	496.5	484.4	507.0
Armenia	211	200	3.1	8.7	18.5	69.7	2.0	1.9	439.5	465.4	464.9	455.4	443.5	461.0
Australia	347	253	17.6	36.4	36.9	9.2	1.9	26.9	554.3	557.2	546.5	551.8	506.4	545.2
Azerbaijan	271	218	25.2	27.0	26.2	21.5	6.7	12.8	422.5	427.3	422.4	420.5	402.4	420.6
Bahrain	212	210	19.3	35.7	28.5	16.5	1.1	0.0	460.4	467.8	482.5	494.1	481.6	.
Belgium (Flemish)	278	215	2.8	12.2	63.3	21.7	0.4	19.7	512.6	488.1	490.4	492.9	489.0	477.0
Belgium (French)	344	294	3.1	9.3	55.6	32.0	0.9	13.7	489.0	471.7	483.6	485.8	474.4	464.2
Bosnia & Herzegovina	236	180	13.1	27.3	28.0	31.7	2.3	20.2	465.8	444.9	454.2	444.1	477.8	438.8
Brazil	1047	997	19.4	36.8	31.7	12.1	3.8	1.5	423.9	413.7	428.6	444.1	443.0	439.3
Bulgaria	208	206	7.2	26.3	35.9	30.6	0.0	1.0	533.1	534.4	517.5	539.2	.	515.0
Canada	917	815	15.6	26.2	44.6	13.6	4.0	8.8	522.3	516.4	522.6	523.4	535.9	515.3
Chile	178	164	20.0	35.8	39.3	4.9	0.0	7.1	493.7	476.6	477.7	465.3	.	471.0
Chinese Taipei	238	237	9.7	36.4	44.9	9.0	0.5	0.0	572.8	575.4	569.3	578.1	564.2	.
Cyprus	267	265	46.7	27.8	22.1	3.4	0.0	0.8	485.5	482.7	496.5	485.1	.	471.0
Czech Republic	344	338	5.6	26.5	52.3	15.5	1.6	1.1	533.3	525.5	526.6	520.7	531.0	525.8
Denmark	278	214	35.7	34.2	24.4	5.7	2.9	19.1	526.6	518.8	524.1	511.9	516.2	521.6
England	178	133	20.3	33.9	33.5	12.4	1.4	19.9	545.6	557.6	559.7	575.8	568.9	548.2
Finland	369	356	2.3	13.3	55.3	29.1	0.6	2.6	560.0	530.0	546.3	541.5	543.2	505.6
France	306	252	9.6	21.1	63.2	6.2	1.3	15.9	500.4	489.1	485.3	509.7	501.4	482.2
Georgia	218	217	0.7	11.9	46.1	41.4	0.9	0.0	468.2	468.3	464.7	464.7	444.6	.
Germany	243	209	26.0	35.9	25.3	12.8	0.6	13.5	517.4	517.6	512.9	508.1	515.5	517.8
Hong Kong SAR	182	124	18.1	52.6	26.6	2.7	0.0	31.0	524.9	540.2	560.0	507.4	.	552.9
Hungary	263	217	33.6	40.8	22.5	3.1	0.3	15.4	519.1	526.5	524.3	516.6	532.2	529.8
Iran, Islamic Rep. of	224	224	18.7	29.9	32.3	19.1	0.0	0.0	422.8	423.1	448.5	427.5	.	537.9
Ireland	239	237	6.8	16.3	50.5	26.4	0.5	0.4	537.9	540.5	529.0	530.9	511.7	537.9
Italy	266	264	2.2	16.9	49.2	31.7	0.0	0.7	516.7	505.7	513.3	508.5	.	504.4
Japan	142	138	14.4	41.5	41.3	2.8	1.6	1.6	551.7	559.9	551.4	542.6	546.6	568.6
Jordan	224	218	32.3	38.4	20.8	8.5	1.3	0.3	415.2	421.0	420.9	409.3	404.9	336.1
Kazakhstan	303	280	2.2	17.4	62.5	18.0	7.9	1.3	436.9	484.4	456.5	493.3	452.1	484.2
Korea, Rep. of	199	181	47.1	39.0	12.0	1.9	0.5	7.5	586.8	583.3	579.1	567.3	558.9	574.2
Kosovo	231	198	16.6	30.4	26.5	26.5	5.0	9.5	408.5	411.8	406.6	395.4	393.6	386.5
Kuwait	164	162	16.5	26.6	37.3	19.6	0.7	0.7	370.9	383.0	356.7	390.8	341.1	495.2
Latvia	213	207	15.5	28.8	45.7	9.9	0.0	3.5	524.3	527.0	527.9	518.4	.	508.8
Lithuania	250	247	4.2	21.9	32.5	41.4	0.5	0.5	533.3	545.2	538.4	531.0	568.7	572.4
Macao SAR	275	274	20.0	43.1	30.0	6.8	0.5	0.0	536.7	536.6	537.4	523.8	492.1	.
Montenegro	338	312	11.1	36.7	32.5	19.6	3.1	4.0	463.6	460.0	457.8	460.8	473.7	469.7
Morocco	303	287	58.3	23.1	9.5	9.0	0.5	5.3	381.9	375.1	422.1	463.5	403.9	365.7
Netherlands	188	119	7.3	16.1	60.1	16.5	1.6	32.9	516.6	505.7	522.0	512.7	485.7	517.3
New Zealand	396	215	27.6	23.9	39.3	9.2	1.2	44.0	527.5	527.4	522.9	516.4	536.9	506.8
North Macedonia	274	199	32.1	38.3	21.2	8.4	3.8	25.2	452.5	439.7	438.4	422.7	408.6	433.4
Norway (5)	314	228	20.0	48.1	27.7	4.3	2.3	22.4	531.1	534.7	526.6	545.4	538.5	523.6
Oman	287	274	52.1	29.3	14.7	3.9	2.5	2.1	428.5	428.1	452.1	444.5	440.0	433.7
Poland	267	264	7.2	15.9	52.6	24.2	0.7	0.7	554.3	560.2	550.1	541.0	528.2	572.0
Portugal	321	315	42.9	43.0	10.9	3.2	0.4	0.8	510.8	510.5	507.9	515.2	544.5	510.7
Qatar	283	273	17.7	27.7	37.6	17.0	1.9	2.3	459.4	464.0	470.8	494.4	448.6	543.2
Romania	188	151	14.7	52.9	10.5	21.9	0.0	20.5	525.0	523.6	534.7	536.6	.	520.0
Saudi Arabia	217	188	48.9	30.0	15.4	5.7	3.0	10.1	422.4	423.4	433.7	453.6	437.9	436.0
Serbia	213	209	38.4	36.1	13.7	11.9	2.1	0.0	512.1	509.0	512.2	505.8	491.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	5.9	33.5	36.7	23.9	0.7	0.0	535.2	518.1	520.2	520.3	547.6	.
Slovenia	269	262	17.5	29.9	49.4	3.1	0.0	1.6	526.2	521.4	527.3	527.7	.	543.1
South Africa (5)	287	237	23.7	26.6	25.7	24.0	1.1	17.4	245.8	317.8	332.2	337.3	217.1	308.1
Spain	582	561	30.6	40.4	21.3	7.7	1.4	2.0	502.8	504.8	502.7	503.5	521.7	512.4
Sweden	250	213	15.6	31.9	41.1	11.4	1.0	13.1	520.8	540.3	533.6	535.7	477.7	527.4
Turkiye (5)	171	170	7.1	28.8	32.6	31.6	0.7	0.0	565.1	578.2	579.6	555.9	490.8	.
United Arab Emirates	1435	1287	18.3	34.5	27.6	19.7	0.8	8.5	469.6	488.1	501.5	522.9	512.7	490.0
United States	495	477	12.0	28.5	43.8	15.7	0.2	3.5	537.8	534.4	530.5	532.0	481.5	527.0
Uzbekistan	168	155	7.6	23.0	27.9	41.5	5.7	2.0	392.0	412.3	402.4	420.2	418.6	420.6
International Avg. (57)	17865	15705	19.0	30.0	34.1	16.9	1.5	8.7	490.6	492.6	494.8	495.4	481.9	490.6
Ontario, Canada	286	240	16.6	29.6	39.9	13.8	7.0	11.2	524.9	522.8	528.3	522.0	541.3	515.6
Quebec, Canada	215	193	11.9	20.1	53.0	15.0	1.7	7.1	500.3	504.8	511.0	503.0	511.7	509.8
Abu Dhabi, UAE	553	499	20.3	35.5	26.8	17.4	0.7	7.7	417.4	446.5	448.6	478.7	437.8	439.2
Dubai, UAE	359	316	18.0	32.1	29.6	20.4	0.5	8.7	541.4	561.1	559.2	596.7	567.7	542.8
Sharjah, UAE	284	250	19.1	29.3	25.8	25.8	0.9	10.9	481.2	495.8	510.8	517.7	659.8	491.7

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 (ATBG09D)

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
Albania	123	97	28.4	36.7	23.9	11.0	2.0	17.7	483.5	484.1	486.9	503.5	501.1	507.0
Armenia	211	200	12.3	43.3	29.8	14.6	2.0	1.9	453.1	464.1	450.4	456.5	441.5	461.0
Australia	347	254	44.2	41.4	12.6	1.8	1.4	26.9	552.5	550.3	550.2	567.8	525.1	545.2
Azerbaijan	271	219	35.2	45.1	12.6	7.1	6.1	12.8	417.5	423.5	428.2	438.1	404.5	420.6
Bahrain	212	210	34.4	33.1	21.6	10.9	1.1	0.0	462.9	476.0	482.7	493.9	481.6	.
Belgium (Flemish)	278	214	14.6	36.9	42.5	6.0	0.9	19.7	497.4	494.3	486.6	491.7	484.8	477.0
Belgium (French)	344	293	26.8	49.4	18.6	5.3	1.2	13.7	488.9	480.6	481.7	484.9	487.3	464.2
Bosnia & Herzegovina	236	182	22.1	51.4	15.7	10.9	1.5	20.2	449.7	447.6	457.6	451.7	486.3	438.8
Brazil	1047	999	36.1	38.7	19.3	5.9	2.6	1.5	424.5	424.0	425.3	428.5	428.9	439.3
Bulgaria	208	206	14.2	42.1	29.9	13.8	0.0	1.0	519.6	538.2	516.4	543.3	.	515.0
Canada	917	819	53.5	34.8	9.6	2.1	3.6	8.8	523.9	513.7	531.3	523.4	537.4	515.3
Chile	178	163	48.0	40.1	11.7	0.1	0.5	7.1	481.0	478.1	485.1	480.2	402.1	471.0
Chinese Taipei	238	238	18.5	58.8	17.2	5.4	0.0	0.0	577.7	571.0	572.3	573.2	.	.
Cyprus	267	265	36.2	39.8	18.5	5.5	0.0	0.8	485.1	488.3	494.0	468.6	.	471.0
Czech Republic	344	339	12.7	51.4	29.9	5.9	0.2	1.1	525.4	526.7	527.5	510.5	554.7	525.8
Denmark	278	215	47.8	34.6	17.4	0.2	2.6	19.1	525.0	517.3	525.5	507.8	518.1	521.6
England	178	133	41.5	42.8	13.0	2.8	1.4	19.9	555.5	558.6	562.3	571.0	568.9	548.2
Finland	369	355	6.6	39.2	40.4	13.8	0.8	2.6	539.1	545.1	544.2	537.6	507.4	505.6
France	306	253	31.1	52.1	15.7	1.1	1.0	15.9	491.8	488.3	483.8	515.4	514.3	482.2
Georgia	218	211	8.1	50.3	23.8	17.8	4.3	0.0	462.4	462.8	463.2	475.8	460.4	.
Germany	243	209	28.7	44.3	20.5	6.5	0.6	13.5	523.3	514.1	502.7	525.5	515.5	517.8
Hong Kong SAR	182	124	38.7	49.3	12.0	0.0	0.0	31.0	534.2	536.4	588.4	.	.	552.9
Hungary	263	217	34.0	48.3	16.3	1.4	0.3	15.4	529.7	525.2	502.7	532.0	532.2	529.8
Iran, Islamic Rep. of	224	224	20.9	30.7	27.0	21.4	0.0	0.0	427.7	423.6	440.3	438.3	.	.
Ireland	239	236	41.6	45.6	10.1	2.7	1.9	0.4	535.6	529.8	528.9	530.8	518.3	537.9
Italy	266	264	19.8	39.1	28.8	12.3	0.0	0.7	516.1	513.2	503.1	511.3	.	504.4
Japan	142	138	35.9	49.0	13.8	1.3	1.6	1.6	557.2	554.3	553.0	523.2	546.6	568.6
Jordan	224	218	26.1	33.6	23.5	16.8	2.0	0.3	419.8	404.2	434.3	428.5	345.2	336.1
Kazakhstan	303	283	12.4	53.1	29.7	4.8	6.4	1.3	474.6	460.3	464.8	533.6	456.9	484.2
Korea, Rep. of	199	181	46.2	42.5	10.4	0.9	0.5	7.5	587.7	583.8	573.4	545.2	558.9	574.2
Kosovo	231	202	19.9	39.4	15.8	24.8	2.3	9.5	406.4	410.1	391.1	405.4	391.8	386.5
Kuwait	164	163	11.8	37.5	33.7	16.9	0.0	0.7	382.3	367.0	360.2	402.4	.	495.2
Latvia	213	207	57.5	36.7	5.8	0.0	0.0	3.5	520.0	534.9	531.6	.	.	508.8
Lithuania	250	246	33.4	44.6	15.7	6.3	1.2	0.5	535.2	536.7	531.8	558.6	534.0	572.4
Macao SAR	275	273	40.9	38.0	20.6	0.5	0.9	0.0	539.8	528.5	544.5	509.4	472.0	.
Montenegro	338	313	26.4	48.8	15.7	9.1	2.9	4.0	466.4	455.4	464.6	456.0	476.7	469.7
Morocco	303	285	54.2	26.6	14.0	5.3	1.6	5.3	381.7	375.2	434.0	454.4	421.3	365.7
Netherlands	188	120	21.7	42.3	31.2	4.9	1.2	32.9	511.9	520.6	517.1	506.3	507.0	517.3
New Zealand	396	215	43.4	38.4	16.7	1.5	1.2	44.0	529.4	518.7	523.7	551.4	536.9	506.8
North Macedonia	274	199	38.4	38.9	12.6	10.1	3.4	25.2	443.8	441.9	443.1	435.7	403.6	433.4
Norway (5)	314	228	40.8	44.6	12.4	2.2	2.4	22.4	532.3	529.7	538.5	537.0	543.8	523.6
Oman	287	272	56.6	29.9	10.9	2.6	3.2	2.1	426.3	438.0	436.6	491.6	431.5	433.7
Poland	267	264	5.6	33.7	47.4	13.4	0.7	0.7	553.0	555.3	548.5	539.3	528.2	572.0
Portugal	321	315	57.4	32.2	9.0	1.5	0.4	0.8	510.0	507.3	523.3	522.2	544.5	510.7
Qatar	283	271	18.4	37.3	25.8	18.4	2.8	2.3	460.9	466.7	475.8	482.3	457.2	543.2
Romania	188	151	34.4	48.1	10.3	7.3	0.0	20.5	533.9	523.7	548.2	497.6	.	520.0
Saudi Arabia	217	186	25.9	36.8	27.0	10.3	3.9	10.1	425.6	415.3	429.1	457.6	439.9	436.0
Serbia	213	210	33.3	45.7	13.4	7.7	1.5	0.0	513.6	505.9	514.7	509.3	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	16.3	45.4	24.0	14.3	0.7	0.0	523.3	517.8	524.1	519.0	547.6	.
Slovenia	269	262	12.6	52.1	33.4	1.9	0.0	1.6	532.8	523.4	525.1	534.9	.	543.1
South Africa (5)	287	235	32.5	32.8	23.4	11.3	1.3	17.4	272.1	318.4	328.3	347.4	241.0	308.1
Spain	582	563	48.5	40.1	8.3	3.1	1.3	2.0	505.8	502.4	493.0	514.7	519.2	512.4
Sweden	250	213	29.7	42.9	23.1	4.3	1.0	13.1	528.1	532.8	540.7	549.3	477.7	527.4
Turkiye (5)	171	170	8.3	37.7	35.6	18.4	0.4	0.0	551.1	574.0	573.8	563.5	572.4	.
United Arab Emirates	1435	1283	23.9	36.6	22.3	17.2	0.9	8.5	467.3	497.2	495.8	529.1	513.5	490.0
United States	495	476	48.8	40.5	8.5	2.3	0.6	3.5	536.3	530.6	522.2	552.6	443.2	527.0
Uzbekistan	168	155	20.7	51.7	16.3	11.4	6.3	2.0	402.9	411.9	404.9	433.2	417.3	420.6
International Avg. (57)	17865	15703	30.5	41.7	20.2	7.7	1.6	8.7	491.5	491.5	494.9	499.1	483.1	490.6
Ontario, Canada	286	241	55.4	34.1	7.4	3.2	6.8	11.2	532.7	515.3	516.3	523.8	541.2	515.6
Quebec, Canada	215	194	47.3	38.6	12.1	2.1	0.8	7.1	504.1	509.1	511.3	524.4	511.4	509.8
Abu Dhabi, UAE	553	497	26.8	37.4	22.4	13.4	0.9	7.7	420.3	449.9	452.8	479.9	456.8	439.2
Dubai, UAE	359	315	21.6	34.7	22.1	21.6	0.7	8.7	543.4	565.8	557.2	590.2	555.7	542.8
Sharjah, UAE	284	249	17.4	43.1	17.8	21.7	1.1	10.9	468.7	511.4	495.4	517.7	644.4	491.7

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 (ATBG09E)

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
Albania	123	98	53.2	27.2	11.6	8.0	0.9	17.7	486.8	485.7	490.8	488.6	484.4	507.0
Armenia	211	201	33.8	51.8	9.8	4.6	1.7	1.9	454.2	457.4	460.3	476.8	441.1	461.0
Australia	347	253	69.9	28.7	0.5	0.8	1.7	26.9	551.1	552.1	557.8	570.1	529.0	545.2
Azerbaijan	271	219	41.1	46.8	8.0	4.1	5.7	12.8	421.2	421.9	429.1	437.3	406.7	420.6
Bahrain	212	210	45.6	37.2	13.3	3.8	1.1	0.0	467.5	480.8	466.9	533.4	481.6	.
Belgium (Flemish)	278	215	56.3	36.5	6.6	0.6	0.4	19.7	492.6	490.6	482.3	506.2	489.0	477.0
Belgium (French)	344	293	75.8	22.0	1.4	0.9	1.1	13.7	482.6	486.0	491.5	458.9	483.3	464.2
Bosnia & Herzegovina	236	180	54.1	36.7	7.6	1.6	2.0	20.2	448.9	449.2	462.2	460.6	472.9	438.8
Brazil	1047	1001	52.2	34.8	9.1	3.9	2.4	1.5	424.8	429.7	409.8	412.6	430.5	439.3
Bulgaria	208	206	30.1	51.7	14.0	4.2	0.0	1.0	516.7	536.9	528.0	539.9	.	515.0
Canada	917	816	80.0	16.1	3.1	0.7	3.8	8.8	519.4	520.4	556.8	563.0	536.2	515.3
Chile	178	163	59.4	33.9	5.9	0.8	0.5	7.1	479.9	482.7	466.2	472.0	468.4	471.0
Chinese Taipei	238	238	25.7	59.4	12.7	2.2	0.0	0.0	566.5	575.0	573.4	573.8	.	.
Cyprus	267	265	66.4	28.7	3.8	1.1	0.0	0.8	487.3	489.1	471.2	479.4	.	471.0
Czech Republic	344	339	30.4	56.6	10.2	2.8	1.0	1.1	522.7	528.0	527.8	511.6	515.6	525.8
Denmark	278	213	68.3	26.5	5.2	0.0	3.3	19.1	520.3	526.7	525.1	.	522.0	521.6
England	178	133	64.8	27.7	7.5	0.0	1.4	19.9	553.0	569.4	561.1	.	568.9	548.2
Finland	369	356	48.1	45.5	6.0	0.4	0.6	2.6	543.3	542.9	546.1	483.2	543.2	505.6
France	306	253	62.6	32.4	4.6	0.3	1.0	15.9	490.6	488.3	468.7	529.8	514.3	482.2
Georgia	218	217	18.5	55.6	19.8	6.1	0.9	0.0	467.8	464.4	464.2	466.6	444.6	.
Germany	243	209	84.8	14.8	0.0	0.4	0.6	13.5	515.6	511.3	.	543.2	515.5	517.8
Hong Kong SAR	182	123	45.7	47.9	6.4	0.0	0.1	31.0	531.4	551.3	547.2	.	465.2	552.9
Hungary	263	217	50.4	39.9	9.0	0.7	0.3	15.4	523.1	526.8	508.8	510.6	532.2	529.8
Iran, Islamic Rep. of	224	224	49.1	39.7	7.5	3.7	0.0	0.0	422.0	445.7	437.5	408.7	.	.
Ireland	239	237	70.8	27.7	1.5	0.0	0.5	0.4	534.1	524.7	567.3	.	511.7	537.9
Italy	266	264	47.0	42.7	6.0	4.3	0.0	0.7	516.3	503.7	512.8	513.5	.	504.4
Japan	142	138	37.6	56.7	4.9	0.8	1.6	1.6	556.5	555.0	549.1	487.7	546.6	568.6
Jordan	224	220	39.2	40.6	13.3	6.9	0.6	0.3	412.2	417.7	438.6	418.6	348.8	336.1
Kazakhstan	303	283	20.2	52.6	24.5	2.7	6.3	1.3	493.6	461.8	458.9	459.5	449.2	484.2
Korea, Rep. of	199	180	63.4	30.2	5.2	1.2	1.3	7.5	584.9	582.8	585.6	565.4	580.7	574.2
Kosovo	231	201	49.8	30.8	7.5	11.9	2.5	9.5	413.2	396.1	410.8	389.2	402.9	386.5
Kuwait	164	163	34.1	46.2	16.5	3.1	0.0	0.7	363.1	376.7	357.5	492.2	.	495.2
Latvia	213	207	55.1	42.2	2.5	0.2	0.0	3.5	521.1	531.9	544.8	484.9	.	508.8
Lithuania	250	247	45.9	41.2	10.3	2.6	0.5	0.5	532.6	541.2	536.1	537.4	563.7	572.4
Macao SAR	275	274	50.9	34.8	13.5	0.8	0.5	0.0	533.0	535.7	549.1	520.7	492.1	.
Montenegro	338	314	52.6	34.8	9.9	2.7	3.0	4.0	463.8	458.7	445.9	448.5	473.6	469.7
Morocco	303	286	69.8	22.2	6.5	1.4	0.6	5.3	378.1	413.6	454.9	415.7	401.4	365.7
Netherlands	188	120	49.1	46.8	4.2	0.0	1.2	32.9	515.8	519.7	499.0	.	507.0	517.3
New Zealand	396	215	73.9	23.8	2.3	0.0	1.2	44.0	525.5	521.9	524.3	.	536.9	506.8
North Macedonia	274	198	45.3	36.6	12.4	5.7	3.6	25.2	440.0	442.2	436.8	469.0	407.7	433.4
Norway (5)	314	229	76.5	21.7	1.4	0.4	2.0	22.4	533.7	527.5	534.9	513.9	537.4	523.6
Oman	287	273	70.2	23.2	5.7	0.8	3.1	2.1	426.5	442.8	465.7	430.1	435.2	433.7
Poland	267	264	24.0	47.4	20.1	8.5	0.7	0.7	550.1	551.1	554.4	531.1	528.2	572.0
Portugal	321	314	83.0	14.9	1.2	1.0	0.8	0.8	509.8	513.8	499.6	529.5	527.1	510.7
Qatar	283	271	32.7	41.2	18.0	8.1	3.0	2.3	457.0	477.4	474.6	487.1	453.2	543.2
Romania	188	151	70.6	23.4	2.8	3.1	0.0	20.5	530.8	516.3	530.0	544.7	.	520.0
Saudi Arabia	217	189	49.9	33.9	10.0	6.1	2.7	10.1	415.8	434.1	446.5	442.7	424.3	436.0
Serbia	213	210	62.7	31.9	3.8	1.6	1.5	0.0	508.8	511.2	500.5	550.5	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	42.9	44.2	11.2	1.7	0.7	0.0	516.8	517.7	544.6	521.3	547.6	.
Slovenia	269	262	48.0	46.6	4.8	0.6	0.0	1.6	528.3	521.3	531.2	559.4	.	543.1
South Africa (5)	287	236	76.6	19.5	3.4	0.5	1.2	17.4	284.7	397.1	365.7	235.3	225.0	308.1
Spain	582	563	76.8	17.8	4.3	1.1	1.4	2.0	501.6	511.0	513.4	483.7	525.3	512.4
Sweden	250	213	69.0	28.6	2.4	0.0	1.0	13.1	530.7	538.4	576.6	.	477.7	527.4
Turkiye (5)	171	171	38.6	44.6	14.6	2.1	0.0	0.0	565.8	572.2	578.7	546.2	.	.
United Arab Emirates	1435	1282	38.3	42.1	11.0	8.6	1.0	8.6	471.2	503.1	521.4	530.5	511.7	490.0
United States	495	476	69.3	26.8	2.5	1.4	0.6	3.5	530.7	539.7	535.0	528.9	443.2	527.0
Uzbekistan	168	159	47.2	40.9	6.8	5.2	3.6	2.0	407.0	410.5	432.4	429.1	422.1	420.6
International Avg. (57)	17865	15719	53.5	36.1	7.9	2.6	1.4	8.7	490.2	496.2	498.4	489.9	481.5	490.6
Ontario, Canada	286	240	82.3	15.1	2.2	0.5	7.0	11.2	527.1	518.6	495.9	562.0	540.3	515.6
Quebec, Canada	215	194	77.0	20.1	2.9	0.0	0.8	7.1	505.3	513.9	515.0	.	511.4	509.8
Abu Dhabi, UAE	553	497	43.9	42.0	8.3	5.7	0.9	7.9	420.2	457.2	503.2	488.8	452.0	440.4
Dubai, UAE	359	315	36.5	43.1	11.0	9.4	0.8	8.7	542.5	572.4	580.3	593.0	561.0	542.8
Sharjah, UAE	284	249	33.9	40.6	13.0	12.5	1.1	10.9	488.3	508.4	506.9	517.2	644.4	491.7

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 (ATBG09F)

			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
Country	Sample	Valid N												
Albania	123	98	7.0	18.4	25.0	49.6	0.9	17.7	501.0	484.2	478.3	490.7	484.4	507.0
Armenia	211	200	2.6	3.9	20.1	73.4	2.6	1.9	466.0	470.7	457.2	456.3	452.7	461.0
Australia	347	254	12.0	38.3	39.9	9.8	1.4	26.9	561.3	557.2	547.3	535.4	525.1	545.2
Azerbaijan	271	217	12.3	20.7	38.1	28.9	7.1	12.8	410.1	419.4	431.5	421.1	403.5	420.6
Bahrain	212	209	5.1	22.8	38.4	33.7	1.6	0.0	464.5	453.4	465.0	500.0	529.0	.
Belgium (Flemish)	278	215	7.2	37.9	49.2	5.7	0.4	19.7	520.0	494.8	486.8	470.5	489.0	477.0
Belgium (French)	344	294	13.9	31.7	42.9	11.5	0.9	13.7	498.2	493.8	475.1	467.9	474.4	464.2
Bosnia & Herzegovina	236	181	18.5	39.5	15.0	27.1	1.9	20.2	455.4	450.9	449.8	445.0	483.8	438.8
Brazil	1047	1001	9.7	28.0	41.9	20.4	2.4	1.5	457.6	430.0	418.5	414.5	428.9	439.3
Bulgaria	208	206	6.0	24.5	31.8	37.7	0.0	1.0	546.1	550.8	514.6	526.2	.	515.0
Canada	917	818	9.8	34.7	43.0	12.4	3.7	8.8	525.9	522.5	515.9	530.6	537.6	515.3
Chile	178	164	12.6	39.4	38.8	9.1	0.0	7.1	496.6	485.4	471.6	468.2	.	471.0
Chinese Taipei	238	238	3.3	26.2	56.2	14.4	0.0	0.0	569.5	576.9	571.2	571.0	.	.
Cyprus	267	265	7.5	21.0	40.5	31.0	0.0	0.8	492.7	497.0	485.8	480.8	.	471.0
Czech Republic	344	339	9.8	34.2	47.0	9.1	0.2	1.1	527.9	531.5	523.8	512.6	526.3	525.8
Denmark	278	214	10.8	35.0	36.6	17.6	2.9	19.1	520.3	523.3	521.3	524.5	516.2	521.6
England	178	133	7.8	29.2	51.2	11.9	1.4	19.9	559.1	567.3	556.4	542.2	568.9	548.2
Finland	369	355	6.1	18.7	52.9	22.2	0.7	2.6	537.7	550.1	543.1	538.5	542.0	505.6
France	306	253	11.6	23.2	59.9	5.3	1.0	15.9	501.6	498.7	482.0	497.3	514.3	482.2
Georgia	218	217	3.2	9.4	30.4	57.0	0.9	0.0	452.8	480.4	463.7	464.1	444.6	.
Germany	243	209	17.2	31.9	42.9	8.0	0.6	13.5	534.9	529.2	504.2	474.6	515.5	517.8
Hong Kong SAR	182	124	16.5	46.9	25.5	11.2	0.0	31.0	549.6	537.8	552.6	522.6	.	552.9
Hungary	263	217	20.8	34.4	39.6	5.2	0.3	15.4	534.6	530.5	514.9	492.4	532.2	529.8
Iran, Islamic Rep. of	224	224	9.1	24.6	34.4	31.9	0.0	0.0	419.3	429.7	427.3	442.8	.	.
Ireland	239	237	11.3	40.0	30.7	18.0	0.5	0.4	537.4	537.2	526.3	526.7	511.7	537.9
Italy	266	263	5.9	27.8	47.2	19.1	0.5	0.7	508.1	513.2	511.7	506.1	466.6	504.4
Japan	142	138	5.2	18.0	64.1	12.6	1.6	1.6	571.7	558.8	552.6	552.5	546.6	568.6
Jordan	224	219	16.4	32.4	30.3	21.0	0.9	0.3	429.7	401.4	413.5	442.9	369.5	336.1
Kazakhstan	303	284	0.5	10.5	56.2	32.7	6.1	1.3	486.4	511.7	447.1	487.3	451.6	484.2
Korea, Rep. of	199	181	34.2	36.8	22.6	6.3	0.5	7.5	586.2	585.7	578.9	582.4	558.9	574.2
Kosovo	231	203	5.7	14.0	19.8	60.4	1.8	9.5	431.1	411.2	406.9	400.9	387.0	386.5
Kuwait	164	163	8.2	18.2	41.0	32.6	0.0	0.7	307.5	375.0	371.8	388.3	.	495.2
Latvia	213	207	6.8	29.5	52.5	11.2	0.0	3.5	526.2	529.4	526.9	513.9	.	508.8
Lithuania	250	248	7.4	32.5	35.4	24.7	0.2	0.5	552.2	542.1	537.3	524.1	561.6	572.4
Macao SAR	275	274	11.6	44.1	36.9	7.4	0.5	0.0	546.1	533.9	537.6	525.0	492.1	.
Montenegro	338	314	16.2	28.2	25.4	30.3	2.9	4.0	462.7	459.9	454.8	462.2	476.7	469.7
Morocco	303	286	5.2	25.6	25.9	43.3	1.0	5.3	382.3	376.5	406.7	392.1	408.7	365.7
Netherlands	188	120	12.5	41.7	37.4	8.4	1.2	32.9	517.7	519.3	511.9	526.6	507.0	517.3
New Zealand	396	214	6.3	40.0	44.0	9.8	1.3	44.0	530.6	531.9	519.4	514.3	537.4	506.8
North Macedonia	274	200	10.2	27.5	24.7	37.7	3.2	25.2	430.6	466.0	448.6	422.9	407.5	433.4
Norway (5)	314	228	5.7	35.2	48.5	10.6	2.1	22.4	547.6	529.0	530.9	541.2	537.1	523.6
Oman	287	270	17.4	38.0	31.4	13.2	4.2	2.1	420.0	431.5	438.7	439.2	429.9	433.7
Poland	267	264	6.2	27.8	48.0	18.0	0.7	0.7	551.1	551.3	549.2	548.8	528.2	572.0
Portugal	321	314	12.3	46.3	30.7	10.6	0.8	0.8	520.4	507.6	509.5	515.8	512.8	510.7
Qatar	283	273	5.1	22.0	37.0	35.9	2.0	2.3	468.9	484.0	459.6	474.2	458.6	543.2
Romania	188	151	22.0	45.0	20.0	13.0	0.0	20.5	540.5	533.3	508.3	517.2	.	520.0
Saudi Arabia	217	187	11.2	28.0	30.2	30.6	3.5	10.1	411.1	411.5	423.5	445.0	458.8	436.0
Serbia	213	210	20.3	34.2	21.2	24.2	1.5	0.0	515.0	510.5	503.9	510.1	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	20.1	39.4	29.8	10.7	0.7	0.0	524.9	531.8	506.2	509.8	547.6	.
Slovenia	269	262	34.5	37.5	25.5	2.5	0.0	1.6	526.7	523.0	526.7	528.8	.	543.1
South Africa (5)	287	236	12.8	29.3	32.8	25.2	1.2	17.4	303.7	333.5	309.6	282.9	225.0	308.1
Spain	582	564	14.0	35.0	37.6	13.4	1.1	2.0	513.1	507.6	496.6	503.1	523.9	512.4
Sweden	250	213	6.5	20.9	56.2	16.3	1.0	13.1	547.5	532.2	534.8	528.2	477.7	527.4
Turkiye (5)	171	171	7.3	31.4	40.5	20.7	0.0	0.0	586.3	582.1	564.7	556.9	.	.
United Arab Emirates	1435	1281	7.9	24.6	36.0	31.5	1.3	8.5	485.2	479.5	490.9	515.0	509.0	490.0
United States	495	477	8.6	27.1	45.3	19.0	0.2	3.5	553.8	548.8	530.1	506.5	481.5	527.0
Uzbekistan	168	157	3.8	17.3	20.5	58.4	4.8	2.0	375.8	407.4	403.6	417.3	421.7	420.6
International Avg. (57)	17865	15721	10.9	29.5	37.3	22.3	1.4	8.7	496.5	496.9	489.4	489.4	484.1	490.6
Ontario, Canada	286	240	12.8	31.2	42.6	13.4	6.9	11.2	533.2	534.2	517.4	521.7	541.3	515.6
Quebec, Canada	215	194	9.2	36.5	46.4	7.8	0.8	7.1	513.6	509.7	506.7	492.1	511.4	509.8
Abu Dhabi, UAE	553	496	7.4	27.3	38.2	27.1	1.5	7.7	449.3	430.8	446.2	461.5	466.3	439.2
Dubai, UAE	359	314	7.9	22.6	34.4	35.2	1.3	8.7	538.8	561.2	558.0	578.4	555.6	542.8
Sharjah, UAE	284	250	6.0	25.8	31.1	37.1	0.9	10.9	504.0	472.6	500.0	525.3	659.8	491.7

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 (ATBG09G)

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
Albania	123	98	6.5	29.6	26.2	37.7	0.9	17.7	495.2	489.6	483.8	486.1	484.4	507.0
Armenia	211	201	2.1	34.6	24.0	39.3	1.7	1.9	414.1	458.7	459.1	457.9	441.1	461.0
Australia	347	254	16.5	42.5	28.9	12.1	1.4	26.9	551.7	549.6	553.9	553.1	525.1	545.2
Azerbaijan	271	218	17.0	29.6	30.5	22.9	6.3	12.8	409.0	411.6	437.7	428.4	405.8	420.6
Bahrain	212	209	3.5	12.4	37.2	46.9	1.6	0.0	500.4	456.4	467.7	482.8	504.7	.
Belgium (Flemish)	278	215	15.0	41.1	38.5	5.4	0.4	19.7	502.8	491.6	489.8	467.6	489.0	477.0
Belgium (French)	344	293	35.2	44.1	18.3	2.3	1.0	13.7	490.2	476.7	485.8	483.8	482.6	464.2
Bosnia & Herzegovina	236	180	13.2	30.7	19.2	36.9	2.6	20.2	448.1	450.2	451.9	448.7	482.8	438.8
Brazil	1047	1001	8.7	30.5	33.0	27.8	2.4	1.5	402.9	420.7	424.3	436.3	430.6	439.3
Bulgaria	208	206	3.8	25.8	34.3	36.1	0.0	1.0	541.2	532.3	525.1	531.1	.	515.0
Canada	917	817	17.4	41.7	32.0	8.8	3.7	8.8	530.0	520.4	514.1	531.4	537.3	515.3
Chile	178	164	1.1	21.5	56.8	20.6	0.0	7.1	503.0	480.7	480.6	475.8	.	471.0
Chinese Taipei	238	238	0.0	11.4	59.3	29.3	0.0	0.0	.	566.6	571.7	576.8	.	.
Cyprus	267	265	5.0	26.2	38.2	30.5	0.0	0.8	479.0	485.1	487.1	490.3	.	471.0
Czech Republic	344	339	2.2	16.4	64.3	17.1	0.2	1.1	524.0	528.7	526.5	521.5	480.1	525.8
Denmark	278	213	5.5	37.6	34.5	22.3	3.5	19.1	523.4	522.8	517.2	529.1	520.7	521.6
England	178	133	14.6	43.7	28.1	13.6	1.4	19.9	549.6	549.1	568.4	575.0	568.9	548.2
Finland	369	355	10.1	40.8	43.7	5.4	1.0	2.6	547.5	542.3	543.6	541.0	513.2	505.6
France	306	253	18.2	46.6	34.0	1.2	1.0	15.9	490.9	491.0	484.6	505.3	514.3	482.2
Georgia	218	215	3.6	25.8	34.3	36.2	1.8	0.0	454.5	466.0	470.9	460.1	456.3	.
Germany	243	208	5.9	26.5	49.3	18.3	1.0	13.5	515.6	515.4	515.4	512.7	531.1	517.8
Hong Kong SAR	182	123	12.5	54.3	24.9	8.3	0.2	31.0	513.1	539.7	551.7	567.9	569.6	552.9
Hungary	263	217	6.7	29.4	50.8	13.1	0.3	15.4	510.9	525.5	522.9	525.5	532.2	529.8
Iran, Islamic Rep. of	224	221	6.8	24.6	34.2	34.5	1.3	0.0	422.6	430.6	418.5	451.4	352.9	.
Ireland	239	237	35.1	43.3	18.6	3.0	0.5	0.4	530.4	533.5	531.7	530.3	511.7	537.9
Italy	266	264	3.7	28.7	43.9	23.7	0.0	0.7	531.7	519.0	507.0	503.9	.	504.4
Japan	142	138	6.5	39.9	49.5	4.2	1.6	1.6	553.4	557.9	551.3	567.2	546.6	568.6
Jordan	224	221	13.4	22.4	27.9	36.3	0.6	0.3	413.9	407.2	414.7	429.8	347.9	336.1
Kazakhstan	303	284	4.5	20.6	56.8	18.2	6.1	1.3	520.4	483.7	450.4	488.2	451.6	484.2
Korea, Rep. of	199	181	13.0	34.4	39.9	12.6	0.5	7.5	573.0	585.9	584.2	590.7	558.9	574.2
Kosovo	231	203	6.5	37.5	22.8	33.2	1.8	9.5	397.7	404.0	405.2	408.1	387.0	386.5
Kuwait	164	163	11.8	22.0	32.5	33.7	0.0	0.7	361.1	358.6	363.1	394.6	.	495.2
Latvia	213	207	5.2	31.3	51.4	12.1	0.0	3.5	504.0	524.3	529.2	527.5	.	508.8
Lithuania	250	247	14.2	43.1	25.6	17.2	0.5	0.5	539.4	537.6	536.2	533.2	541.0	572.4
Macao SAR	275	274	4.5	29.8	46.3	19.4	0.5	0.0	520.3	535.1	537.1	538.3	492.1	.
Montenegro	338	312	6.3	30.6	30.0	33.0	3.4	4.0	466.6	464.9	452.8	460.9	467.1	469.7
Morocco	303	287	8.6	35.9	28.1	27.3	0.5	5.3	366.8	379.8	401.1	404.9	403.9	365.7
Netherlands	188	120	2.2	39.0	47.3	11.6	1.2	32.9	517.2	514.4	520.5	510.8	507.0	517.3
New Zealand	396	215	21.0	50.2	20.8	8.0	1.2	44.0	525.9	522.3	520.6	546.6	536.9	506.8
North Macedonia	274	200	7.4	35.9	21.2	35.5	3.2	25.2	401.7	445.4	437.8	449.1	407.5	433.4
Norway (5)	314	229	14.2	37.9	36.0	11.8	2.0	22.4	533.5	533.7	531.8	527.9	537.4	523.6
Oman	287	273	15.1	36.4	32.3	16.1	3.0	2.1	414.2	430.9	435.3	446.8	441.0	433.7
Poland	267	264	5.6	25.3	48.3	20.8	0.7	0.7	549.6	550.3	550.7	547.2	528.2	572.0
Portugal	321	314	13.3	47.0	20.3	19.5	0.7	0.8	507.4	505.4	517.3	517.3	544.5	510.7
Qatar	283	272	5.1	10.0	36.6	48.3	2.0	2.3	450.5	496.2	466.7	471.2	446.0	543.2
Romania	188	151	12.1	27.0	27.2	33.6	0.0	20.5	521.5	526.4	526.1	532.6	.	520.0
Saudi Arabia	217	190	9.1	19.0	27.5	44.3	2.1	10.1	413.7	420.4	418.6	436.9	427.7	436.0
Serbia	213	210	11.3	39.3	20.9	28.4	1.5	0.0	502.8	512.2	506.0	512.5	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	266	9.4	32.2	42.0	16.4	1.7	0.0	522.9	522.0	522.9	508.5	539.7	.
Slovenia	269	262	7.0	31.9	55.4	5.7	0.0	1.6	531.7	524.6	525.6	519.7	.	543.1
South Africa (5)	287	235	10.2	34.0	30.9	24.8	1.4	17.4	277.7	297.4	320.0	323.9	245.2	308.1
Spain	582	563	25.6	46.2	21.3	6.9	1.1	2.0	503.8	503.3	503.2	506.2	524.2	512.4
Sweden	250	213	2.1	8.4	57.4	32.1	1.0	13.1	531.1	537.5	531.5	537.7	477.7	527.4
Türkiye (5)	171	171	3.0	16.5	31.5	49.0	0.0	0.0	587.4	573.1	573.1	566.1	.	.
United Arab Emirates	1435	1284	6.4	20.0	36.2	37.5	0.9	8.6	434.9	477.4	494.2	516.2	507.7	489.9
United States	495	476	16.0	38.7	33.8	11.5	0.4	3.5	540.4	536.0	525.4	531.9	528.9	527.0
Uzbekistan	168	157	9.3	32.3	15.2	43.2	4.8	2.0	389.3	411.9	403.9	417.9	421.7	420.6
International Avg. (57)	17865	15719	10.0	31.8	35.3	22.9	1.4	8.7	486.7	491.8	492.1	497.3	482.1	490.6
Ontario, Canada	286	240	24.0	45.7	25.0	5.4	6.9	11.2	537.0	523.2	518.8	520.1	541.3	515.6
Quebec, Canada	215	194	6.3	29.3	51.5	12.9	0.8	7.1	515.8	502.9	508.7	507.6	511.4	509.8
Abu Dhabi, UAE	553	498	10.1	24.0	34.7	31.1	0.9	7.7	394.6	441.6	444.1	470.5	444.1	439.2
Dubai, UAE	359	316	5.2	18.3	34.7	41.8	0.5	8.7	506.7	550.1	563.9	577.9	567.7	542.8
Sharjah, UAE	284	250	3.7	14.2	37.6	44.5	0.9	10.9	491.8	482.8	502.1	510.2	659.8	491.7

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 (ATBG09H)

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
Albania	123	98	14.7	33.7	17.5	34.0	0.9	17.7	485.9	486.8	479.9	491.6	484.4	507.0
Armenia	211	200	6.4	25.2	16.4	52.0	2.0	1.9	460.8	456.4	457.4	457.2	454.9	461.0
Australia	347	253	50.6	32.9	13.2	3.2	1.9	26.9	553.3	547.9	552.6	560.1	531.2	545.2
Azerbaijan	271	219	13.6	45.4	30.2	10.8	6.0	12.8	411.5	424.0	429.6	423.0	392.7	420.6
Bahrain	212	210	14.7	29.0	31.2	25.1	1.1	0.0	472.8	469.4	470.4	488.2	481.6	.
Belgium (Flemish)	278	215	56.4	33.0	10.6	0.0	0.4	19.7	491.4	492.7	486.1	.	489.0	477.0
Belgium (French)	344	294	60.3	30.0	8.4	1.3	0.9	13.7	482.6	485.2	481.3	489.9	474.4	464.2
Bosnia & Herzegovina	236	182	57.2	27.7	11.0	4.0	1.5	20.2	453.2	444.3	452.5	438.6	486.3	438.8
Brazil	1047	1000	20.8	28.4	27.9	22.9	2.4	1.5	423.9	414.4	441.5	417.5	431.7	439.3
Bulgaria	208	206	31.5	30.7	22.6	15.2	0.0	1.0	536.8	538.8	509.4	526.9	.	515.0
Canada	917	817	29.5	43.3	19.5	7.7	3.8	8.8	519.0	521.9	518.3	530.5	537.7	515.3
Chile	178	164	25.4	48.7	20.1	5.8	0.0	7.1	477.9	479.1	488.3	466.1	.	471.0
Chinese Taipei	238	238	8.4	30.4	32.9	28.3	0.0	0.0	559.2	571.0	574.0	576.7	.	.
Cyprus	267	265	8.7	10.6	35.5	45.2	0.0	0.8	501.4	473.7	489.9	485.3	.	471.0
Czech Republic	344	339	27.9	49.6	19.0	3.5	0.2	1.1	521.9	530.0	527.7	490.6	480.1	525.8
Denmark	278	214	15.4	36.3	34.8	13.6	2.9	19.1	515.5	523.9	520.1	532.5	516.2	521.6
England	178	133	46.0	35.9	11.7	6.4	1.4	19.9	558.2	549.1	574.4	578.9	568.9	548.2
Finland	369	355	15.7	32.1	30.6	21.6	1.0	2.6	537.8	543.8	542.8	545.6	551.3	505.6
France	306	253	41.4	43.7	13.7	1.2	1.0	15.9	489.3	490.1	482.4	511.7	514.3	482.2
Georgia	218	215	13.6	27.8	26.6	32.1	1.7	0.0	468.9	473.7	461.1	459.4	455.5	.
Germany	243	209	42.2	35.1	17.8	4.9	0.6	13.5	516.3	510.1	521.0	520.2	515.5	517.8
Hong Kong SAR	182	124	39.9	39.8	18.7	1.7	0.0	31.0	538.6	550.4	533.2	508.9	.	552.9
Hungary	263	217	44.3	37.8	16.6	1.3	0.3	15.4	526.1	518.7	526.4	517.0	532.2	529.8
Iran, Islamic Rep. of	224	223	16.2	41.0	25.8	17.0	0.5	0.0	438.2	432.1	421.1	443.4	420.1	.
Ireland	239	237	43.7	36.4	15.5	4.4	0.5	0.4	531.5	538.2	513.8	549.4	511.7	537.9
Italy	266	264	18.8	31.0	26.9	23.3	0.0	0.7	517.1	509.3	512.6	504.7	.	504.4
Japan	142	138	31.0	35.3	27.8	5.9	1.6	1.6	558.9	558.5	547.3	545.3	546.6	568.6
Jordan	224	220	16.8	26.6	30.9	25.8	1.2	0.3	403.3	416.2	424.0	426.8	317.0	336.1
Kazakhstan	303	284	2.2	11.1	58.2	28.5	5.7	1.3	521.1	485.0	449.5	490.2	461.2	484.2
Korea, Rep. of	199	181	48.9	35.7	11.2	4.3	0.5	7.5	586.3	584.2	575.2	581.9	558.9	574.2
Kosovo	231	203	45.4	29.9	10.9	13.8	1.8	9.5	405.4	414.0	398.0	391.4	387.0	386.5
Kuwait	164	162	10.6	17.5	36.3	35.6	0.7	0.7	363.3	339.7	386.7	379.4	238.4	495.2
Latvia	213	206	6.9	24.6	49.3	19.2	0.6	3.5	515.2	523.5	531.6	520.6	492.6	508.8
Lithuania	250	247	11.3	34.2	31.8	22.7	0.6	0.5	529.9	533.6	533.0	550.0	544.2	572.4
Macao SAR	275	273	23.8	33.5	30.7	12.0	0.9	0.0	538.8	532.9	545.1	517.4	489.5	.
Montenegro	338	314	57.9	29.6	8.0	4.5	2.9	4.0	466.4	452.0	443.4	455.6	476.7	469.7
Morocco	303	281	5.0	10.7	25.7	58.6	2.3	5.3	373.1	379.9	367.9	403.4	446.0	365.7
Netherlands	188	120	27.9	52.8	18.3	1.0	1.2	32.9	509.3	519.0	524.6	480.2	507.0	517.3
New Zealand	396	214	37.9	42.6	18.4	1.1	1.2	44.0	524.1	531.8	511.4	484.7	537.3	506.8
North Macedonia	274	202	57.4	29.9	9.8	2.8	2.6	25.2	443.5	432.5	449.8	467.7	408.4	433.4
Norway (5)	314	228	30.3	50.0	14.6	5.1	2.1	22.4	536.6	529.5	531.4	536.3	537.1	523.6
Oman	287	274	11.2	32.0	41.1	15.7	2.5	2.1	433.4	433.5	425.9	446.7	440.0	433.7
Poland	267	264	47.7	33.2	14.4	4.7	0.7	0.7	551.2	545.6	556.4	545.5	528.2	572.0
Portugal	321	314	61.7	24.3	11.5	2.6	0.7	0.8	508.1	510.5	521.5	516.8	535.5	510.7
Qatar	283	274	16.2	25.3	29.3	29.2	1.4	2.3	479.3	474.7	458.8	473.8	467.2	543.2
Romania	188	151	38.0	26.7	16.2	19.1	0.0	20.5	537.6	531.2	515.4	514.0	.	520.0
Saudi Arabia	217	190	9.9	23.8	27.7	38.6	2.1	10.1	413.4	429.4	422.1	431.5	427.7	436.0
Serbia	213	210	72.9	22.0	1.2	3.9	1.5	0.0	510.7	510.5	499.5	495.2	505.5	.
Singapore	362	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	269	267	48.3	37.8	11.8	2.1	0.7	0.0	517.8	523.4	523.2	509.6	547.6	.
Slovenia	269	262	57.0	37.8	4.6	0.6	0.0	1.6	528.0	520.6	527.6	559.4	.	543.1
South Africa (5)	287	236	34.1	32.6	23.3	10.0	1.2	17.4	290.2	348.2	291.3	287.8	225.0	308.1
Spain	582	564	59.2	26.0	10.9	3.9	1.1	2.0	505.7	501.2	499.5	500.6	523.9	512.4
Sweden	250	213	28.7	44.4	24.5	2.4	1.0	13.1	533.8	536.8	531.8	505.3	477.7	527.4
Turkiye (5)	171	171	4.2	12.7	30.6	52.4	0.0	0.0	566.6	556.3	569.7	574.0	.	.
United Arab Emirates	1435	1287	16.9	27.8	27.0	28.3	0.8	8.5	492.9	495.7	483.3	507.6	512.7	490.0
United States	495	477	21.3	37.5	28.9	12.3	0.2	3.5	539.6	532.5	531.3	524.7	481.5	527.0
Uzbekistan	168	157	5.5	18.2	21.0	55.3	4.8	2.0	394.3	402.6	408.6	416.7	421.7	420.6
International Avg. (57)	17865	15728	30.0	32.0	22.1	15.9	1.3	8.7	492.4	492.3	490.4	492.0	476.5	490.6
Ontario, Canada	286	239	25.0	46.0	19.9	9.2	7.1	11.2	529.9	528.2	517.6	513.7	541.3	515.6
Quebec, Canada	215	194	38.1	40.0	18.3	3.6	0.8	7.1	504.0	508.4	510.8	511.7	511.4	509.8
Abu Dhabi, UAE	553	499	20.7	26.8	29.2	23.4	0.7	7.7	444.5	447.6	433.4	464.6	437.8	439.2
Dubai, UAE	359	316	22.4	28.1	22.4	27.0	0.5	8.7	554.5	568.5	552.3	577.7	567.7	542.8
Sharjah, UAE	284	250	8.0	26.9	30.6	34.5	0.9	10.9	513.4	500.0	495.6	508.1	659.8	491.7

Question: How many students are in this class?

Location: TQG-10A (ATBG10A)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	96	4.0	17.7	21.5	4.0	8.0	12.0	16.0	20.0	27.0	31.0	33.0	57.0
Armenia	211	199	3.2	1.9	25.0	2.0	8.0	11.0	21.0	26.0	31.0	34.0	35.0	110.0
Australia	347	212	17.2	27.0	25.5	10.0	20.0	21.0	23.0	26.0	28.0	30.0	31.0	34.0
Azerbaijan	271	211	9.0	12.8	26.2	4.0	12.0	16.0	19.0	24.0	30.0	36.0	40.0	193.0
Bahrain	212	208	1.7	0.0	29.1	5.0	19.0	22.0	24.0	29.0	33.0	38.0	40.0	70.0
Belgium (Flemish)	278	215	0.4	19.7	21.9	6.0	14.0	16.0	18.0	22.0	24.0	28.0	34.0	48.0
Belgium (French)	344	286	1.8	14.9	20.3	6.0	14.0	15.0	17.0	20.0	23.0	25.0	26.0	51.0
Bosnia & Herzegovina	236	137	22.1	20.2	19.2	2.0	10.0	14.0	17.0	19.0	22.0	24.0	26.0	29.0
Brazil	1047	972	5.1	1.6	23.9	2.0	13.0	16.0	19.0	24.0	28.0	32.0	36.0	60.0
Bulgaria	208	203	1.8	1.0	21.0	5.0	13.0	15.0	18.0	22.0	24.0	25.0	27.0	29.0
Canada	917	802	2.5	9.4	23.8	2.0	17.0	19.0	22.0	24.0	26.0	28.0	29.0	141.0
Chile	178	152	6.9	7.1	33.8	4.0	17.0	21.0	26.0	34.0	40.0	45.0	45.0	120.0
Chinese Taipei	238	234	2.2	0.0	25.8	5.0	17.0	21.0	24.0	26.0	28.0	29.0	31.0	44.0
Cyprus	267	250	4.6	1.5	20.4	5.0	12.0	15.0	18.0	21.0	23.0	25.0	25.0	50.0
Czech Republic	344	270	18.2	1.1	21.4	4.0	13.0	15.0	19.0	22.0	25.0	27.0	28.0	30.0
Denmark	278	199	7.7	19.5	21.8	5.0	14.0	16.0	19.0	22.0	24.0	26.0	27.0	99.0
England	178	107	11.2	23.3	27.7	14.0	19.0	22.0	26.0	29.0	30.0	31.0	32.0	38.0
Finland	369	348	2.3	2.7	21.8	1.0	11.0	15.0	18.0	21.0	24.0	27.0	34.0	78.0
France	306	246	1.8	18.1	24.1	13.0	17.0	20.0	22.0	24.0	26.0	28.0	29.0	31.0
Georgia	218	212	3.2	0.0	23.9	1.0	7.0	10.0	17.0	23.0	27.0	29.0	29.0	171.0
Germany	243	208	1.0	13.5	21.6	5.0	15.0	16.0	19.0	22.0	25.0	27.0	28.0	31.0
Hong Kong SAR	182	110	6.7	31.3	26.7	14.0	19.0	21.0	24.0	25.0	30.0	33.0	35.0	49.0
Hungary	263	217	0.0	15.7	22.0	1.0	13.0	14.0	19.0	22.0	26.0	28.0	30.0	34.0
Iran, Islamic Rep. of	224	214	3.8	0.0	28.4	6.0	15.0	17.0	23.0	29.0	34.0	38.0	40.0	82.0
Ireland	239	238	0.0	0.4	25.5	9.0	19.0	20.0	23.0	26.0	29.0	30.0	31.0	34.0
Italy	266	263	0.5	0.7	19.3	3.0	13.0	14.0	17.0	20.0	22.0	24.0	25.0	30.0
Japan	142	133	4.9	1.6	29.8	5.0	20.0	21.0	27.0	30.0	33.0	37.0	38.0	85.0
Jordan	224	206	10.0	0.3	30.1	7.0	13.0	18.0	20.0	28.0	35.0	43.0	50.0	148.0
Kazakhstan	303	285	4.8	1.3	22.6	2.0	12.0	15.0	20.0	23.0	26.0	29.0	31.0	36.0
Korea, Rep. of	199	167	7.6	7.9	23.7	3.0	15.0	19.0	22.0	24.0	26.0	28.0	29.0	54.0
Kosovo	231	190	10.5	9.5	22.0	1.0	9.0	11.0	18.0	22.0	28.0	32.0	35.0	42.0
Kuwait	164	155	5.8	0.7	28.7	15.0	19.0	21.0	23.0	27.0	32.0	41.0	44.0	49.0
Latvia	213	203	0.9	3.8	21.8	3.0	9.0	12.0	18.0	23.0	26.0	29.0	30.0	32.0
Lithuania	250	248	0.3	0.5	21.6	5.0	12.0	15.0	21.0	23.0	24.0	25.0	26.0	29.0
Macao SAR	275	228	16.7	0.0	31.8	1.0	22.0	24.0	28.0	32.0	35.0	36.0	40.0	136.0
Montenegro	338	314	3.3	4.0	22.4	1.0	8.0	13.0	20.0	24.0	27.0	28.0	30.0	31.0
Morocco	303	251	8.5	5.9	29.4	4.0	15.0	16.0	21.0	31.0	37.0	41.0	44.0	67.0
Netherlands	188	119	1.5	32.9	22.6	5.0	12.0	14.0	20.0	23.0	27.0	28.0	30.0	35.0
New Zealand	396	205	2.3	45.2	29.0	9.0	20.0	22.0	26.0	28.0	30.0	33.0	35.0	80.0
North Macedonia	274	204	1.0	25.2	21.3	2.0	9.0	11.0	16.0	22.0	27.0	29.0	31.0	39.0
Norway (5)	314	215	2.0	26.6	23.5	4.0	14.0	15.0	19.0	23.0	26.0	29.0	44.0	77.0
Oman	287	232	14.2	2.6	60.3	6.0	23.0	25.0	30.0	34.0	73.0	161.0	182.0	200.0
Poland	267	251	4.9	0.7	23.5	5.0	11.0	14.0	19.0	23.0	25.0	33.0	41.0	111.0
Portugal	321	317	0.4	0.8	20.7	3.0	14.0	16.0	19.0	21.0	24.0	24.0	25.0	27.0
Qatar	283	225	18.3	2.3	28.8	2.0	18.0	21.0	25.0	29.0	31.0	33.0	34.0	150.0
Romania	188	124	1.6	34.2	22.1	2.0	11.0	12.0	17.0	23.0	27.0	30.0	32.0	36.0
Saudi Arabia	217	173	9.8	10.5	35.9	5.0	14.0	17.0	22.0	28.0	34.0	59.0	127.0	174.0
Serbia	213	205	3.2	0.0	22.5	1.0	7.0	14.0	20.0	24.0	27.0	29.0	30.0	32.0
Singapore	362	361	0.0	0.3	34.7	12.0	19.0	21.0	34.0	37.0	39.0	40.0	41.0	43.0
Slovak Republic	269	231	12.2	0.0	19.2	4.0	10.0	12.0	16.0	20.0	23.0	25.0	25.0	28.0
Slovenia	269	202	24.7	1.6	22.3	1.0	13.0	15.0	18.0	22.0	25.0	27.0	27.0	151.0
South Africa (5)	287	158	26.9	17.8	42.9	4.0	18.0	20.0	30.0	41.0	49.0	64.0	82.0	120.0
Spain	582	525	6.9	2.0	22.8	1.0	14.0	17.0	21.0	24.0	25.0	26.0	27.0	75.0
Sweden	250	179	10.9	14.5	23.4	4.0	15.0	17.0	20.0	23.0	26.0	29.0	32.0	56.0
Turkiye (5)	171	170	0.9	0.0	28.1	10.0	14.0	17.0	23.0	27.0	34.0	39.0	42.0	51.0
United Arab Emirates	1435	1031	13.6	11.2	31.5	6.0	21.0	22.0	26.0	28.0	31.0	35.0	43.0	196.0
United States	495	402	14.7	3.6	24.2	4.0	15.0	17.0	20.0	23.0	26.0	30.0	32.0	116.0
Uzbekistan	168	159	4.1	2.0	28.4	9.0	17.0	20.0	24.0	28.0	32.0	36.0	38.0	60.0
International Avg. (58)	17865	14877	6.7	9.1	25.7	4.9	14.3	16.9	21.2	25.2	29.3	34.2	38.3	74.3
Ontario, Canada	286	236	2.6	11.8	24.5	6.0	19.0	21.0	23.0	25.0	27.0	29.0	29.0	84.0
Quebec, Canada	215	187	1.9	8.0	22.6	9.0	16.0	17.0	20.0	23.0	26.0	26.0	27.0	44.0
Abu Dhabi, UAE	553	359	20.2	11.4	30.0	7.0	21.0	23.0	25.0	28.0	30.0	31.0	40.0	165.0
Dubai, UAE	359	307	2.5	9.4	28.8	7.0	20.0	21.0	25.0	28.0	31.0	35.0	36.0	164.0
Sharjah, UAE	284	184	18.1	14.9	36.3	10.0	21.0	23.0	26.0	30.0	33.0	37.0	134.0	144.0

Question: How many of the students in #G10A are in <fourth grade>?

Location: TQG-10B (ATBG10B)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	96	4.0	17.7	20.9	4.0	6.0	11.0	15.0	20.0	26.0	30.0	33.0	37.0
Armenia	211	198	4.1	1.9	24.6	1.0	6.0	10.0	20.0	26.0	31.0	34.0	35.0	90.0
Australia	347	210	18.0	27.0	21.9	6.0	10.0	11.0	15.0	24.0	27.0	30.0	31.0	34.0
Azerbaijan	271	211	8.6	12.8	24.3	4.0	11.0	15.0	19.0	24.0	29.0	34.0	38.0	45.0
Bahrain	212	207	2.6	0.0	29.2	5.0	19.0	22.0	24.0	29.0	33.0	38.0	40.0	70.0
Belgium (Flemish)	278	0	.	.	.	.	.	.	.	.	.	.	.	.
Belgium (French)	344	288	1.0	14.9	18.3	3.0	7.0	9.0	14.0	19.0	23.0	25.0	25.0	85.0
Bosnia & Herzegovina	236	122	29.2	20.2	17.1	1.0	4.0	7.0	14.0	19.0	21.0	24.0	25.0	29.0
Brazil	1047	944	6.4	1.6	23.3	1.0	12.0	15.0	19.0	23.0	28.0	32.0	35.0	60.0
Bulgaria	208	203	1.8	1.0	20.8	5.0	11.0	14.0	18.0	22.0	24.0	25.0	27.0	29.0
Canada	917	800	2.8	9.4	20.8	1.0	9.0	11.0	17.0	22.0	26.0	28.0	29.0	84.0
Chile	178	152	6.9	7.1	33.3	2.0	16.0	20.0	26.0	34.0	39.0	45.0	45.0	91.0
Chinese Taipei	238	233	2.7	0.0	25.9	5.0	17.0	21.0	24.0	26.0	28.0	29.0	31.0	44.0
Cyprus	267	237	10.7	1.5	20.0	5.0	12.0	14.0	17.0	21.0	23.0	25.0	25.0	28.0
Czech Republic	344	268	19.0	1.1	21.0	3.0	12.0	15.0	19.0	21.0	25.0	27.0	28.0	30.0
Denmark	278	199	8.4	19.5	21.6	4.0	12.0	16.0	19.0	22.0	24.0	26.0	27.0	99.0
England	178	100	15.9	23.3	25.7	8.0	13.0	14.0	22.0	29.0	30.0	31.0	32.0	38.0
Finland	369	346	2.5	2.7	20.3	1.0	10.0	12.0	17.0	20.0	23.0	26.0	32.0	47.0
France	306	245	2.0	18.1	18.2	1.0	7.0	9.0	12.0	18.0	25.0	28.0	29.0	31.0
Georgia	218	213	2.9	0.0	21.1	1.0	7.0	10.0	17.0	23.0	26.0	29.0	29.0	58.0
Germany	243	208	1.0	13.5	20.9	4.0	10.0	14.0	19.0	22.0	24.0	26.0	28.0	31.0
Hong Kong SAR	182	108	8.4	31.3	26.4	14.0	19.0	21.0	24.0	25.0	30.0	33.0	34.0	38.0
Hungary	263	217	0.0	15.7	22.0	1.0	13.0	14.0	19.0	22.0	26.0	28.0	30.0	34.0
Iran, Islamic Rep. of	224	216	3.4	0.0	28.3	6.0	15.0	17.0	23.0	29.0	34.0	38.0	40.0	67.0
Ireland	239	223	4.9	0.4	22.4	2.0	9.0	11.0	18.0	24.0	28.0	30.0	30.0	33.0
Italy	266	263	0.5	0.7	19.3	3.0	13.0	14.0	17.0	20.0	22.0	24.0	25.0	30.0
Japan	142	135	3.4	1.6	29.9	5.0	20.0	21.0	27.0	30.0	33.0	37.0	37.0	93.0
Jordan	224	209	8.6	0.3	28.2	1.0	11.0	14.0	20.0	28.0	35.0	40.0	47.0	188.0
Kazakhstan	303	284	5.0	1.3	22.6	2.0	12.0	15.0	20.0	23.0	26.0	29.0	31.0	36.0
Korea, Rep. of	199	166	8.2	7.9	23.3	3.0	15.0	18.0	22.0	24.0	26.0	27.0	29.0	34.0
Kosovo	231	176	15.8	9.5	20.4	1.0	5.0	8.0	15.0	21.0	27.0	31.0	34.0	42.0
Kuwait	164	153	6.6	0.7	28.7	15.0	19.0	21.0	23.0	27.0	32.0	41.0	44.0	49.0
Latvia	213	197	3.3	3.8	21.3	3.0	8.0	11.0	18.0	23.0	26.0	28.0	30.0	32.0
Lithuania	250	248	0.3	0.5	21.6	5.0	12.0	15.0	21.0	23.0	24.0	25.0	26.0	29.0
Macao SAR	275	228	16.8	0.0	30.9	1.0	22.0	24.0	28.0	32.0	35.0	36.0	40.0	42.0
Montenegro	338	314	3.3	4.0	22.2	1.0	6.0	13.0	20.0	24.0	27.0	28.0	30.0	31.0
Morocco	303	244	8.5	5.9	28.1	2.0	10.0	15.0	19.0	29.0	36.0	40.0	43.0	63.0
Netherlands	188	119	1.5	32.9	22.6	5.0	12.0	14.0	20.0	23.0	27.0	28.0	30.0	35.0
New Zealand	396	202	2.7	45.2	17.0	1.0	8.0	10.0	12.0	15.0	20.0	29.0	30.0	74.0
North Macedonia	274	199	3.0	25.2	20.9	2.0	7.0	11.0	16.0	22.0	27.0	29.0	31.0	39.0
Norway (5)	314	215	2.0	26.6	23.5	4.0	14.0	15.0	19.0	23.0	26.0	29.0	44.0	77.0
Oman	287	251	8.8	2.6	30.5	6.0	21.0	24.0	28.0	31.0	33.0	35.0	38.0	63.0
Poland	267	259	2.3	0.7	21.8	5.0	11.0	14.0	18.0	22.0	24.0	27.0	29.0	69.0
Portugal	321	316	0.6	0.8	19.6	1.0	9.0	12.0	18.0	21.0	24.0	24.0	25.0	27.0
Qatar	283	213	21.2	2.3	26.4	2.0	15.0	18.0	23.0	28.0	31.0	33.0	34.0	45.0
Romania	188	124	1.6	34.2	21.7	2.0	9.0	12.0	17.0	23.0	27.0	30.0	32.0	36.0
Saudi Arabia	217	174	9.2	10.5	27.4	5.0	12.0	17.0	21.0	27.0	33.0	38.0	44.0	59.0
Serbia	213	204	3.6	0.0	22.2	1.0	6.0	10.0	20.0	24.0	27.0	29.0	30.0	32.0
Singapore	362	361	0.0	0.3	34.7	12.0	19.0	21.0	34.0	37.0	39.0	40.0	41.0	43.0
Slovak Republic	269	229	12.8	0.0	18.8	3.0	7.0	12.0	16.0	20.0	23.0	25.0	25.0	28.0
Slovenia	269	200	25.7	1.6	20.7	1.0	10.0	14.0	18.0	21.0	24.0	26.0	27.0	67.0
South Africa (5)	287	130	35.9	17.8	41.9	4.0	18.0	20.0	30.0	40.0	49.0	60.0	79.0	190.0
Spain	582	524	6.9	2.0	21.9	1.0	11.0	16.0	20.0	24.0	25.0	26.0	27.0	69.0
Sweden	250	179	10.9	14.5	23.2	3.0	14.0	17.0	20.0	23.0	26.0	28.0	32.0	56.0
Turkiye (5)	171	170	0.9	0.0	28.0	10.0	14.0	17.0	23.0	27.0	34.0	39.0	42.0	51.0
United Arab Emirates	1435	945	19.8	11.2	27.8	2.0	17.0	21.0	25.0	28.0	30.0	34.0	35.0	85.0
United States	495	394	16.0	3.6	22.5	2.0	14.0	16.0	19.0	23.0	26.0	30.0	31.0	49.0
Uzbekistan	168	156	6.0	2.0	27.5	3.0	17.0	19.0	24.0	28.0	32.0	35.0	37.0	42.0
International Avg. (57)	17865	14425	7.7	9.0	24.0	3.6	12.0	14.9	20.0	24.5	28.2	31.2	33.6	55.0
Ontario, Canada	286	234	3.2	11.8	20.0	1.0	8.0	10.0	14.0	22.0	25.0	28.0	29.0	84.0
Quebec, Canada	215	187	1.9	8.0	21.4	5.0	9.0	14.0	19.0	23.0	26.0	26.0	26.0	34.0
Abu Dhabi, UAE	553	322	27.1	11.4	26.2	2.0	16.0	21.0	25.0	27.0	29.0	30.0	30.0	78.0
Dubai, UAE	359	282	11.0	9.4	27.9	4.0	19.0	21.0	24.0	27.0	30.0	35.0	37.0	67.0
Sharjah, UAE	284	165	23.6	14.9	30.5	6.0	19.0	21.0	25.0	29.0	31.0	35.0	72.0	85.0

Question: How many <fourth grade> students experience difficulties understanding spoken <language of test>?
Location: TQG-11 (ATBG11)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	97	1.4	17.7	0.9	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	8.0
Armenia	211	196	3.7	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	21.0
Australia	347	249	1.5	27.0	1.3	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	17.0
Azerbaijan	271	230	2.1	12.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	45.0
Bahrain	212	205	3.4	0.0	2.5	0.0	0.0	0.0	0.0	1.0	3.0	7.0	11.0	36.0
Belgium (Flemish)	278	214	0.5	19.7	2.6	0.0	0.0	0.0	0.0	2.0	4.0	6.0	9.0	19.0
Belgium (French)	344	290	0.4	14.9	2.9	0.0	0.0	0.0	0.0	1.0	4.0	7.0	14.0	24.0
Bosnia & Herzegovina	236	181	2.1	20.2	0.4	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	5.0
Brazil	1047	988	2.6	1.6	3.0	0.0	0.0	0.0	0.0	1.0	4.0	8.0	13.0	35.0
Bulgaria	208	193	7.0	1.0	1.4	0.0	0.0	0.0	0.0	0.0	1.0	4.0	10.0	15.0
Canada	917	808	2.0	9.4	1.8	0.0	0.0	0.0	0.0	1.0	2.0	5.0	9.0	25.0
Chile	178	164	0.0	7.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	10.0
Chinese Taipei	238	234	2.2	0.0	1.7	0.0	0.0	0.0	0.0	1.0	2.0	4.0	5.0	25.0
Cyprus	267	236	10.3	1.5	3.2	0.0	0.0	0.0	1.0	2.0	5.0	8.0	10.0	19.0
Czech Republic	344	339	0.6	1.1	1.7	0.0	0.0	0.0	0.0	1.0	2.0	5.0	7.0	15.0
Denmark	278	203	6.9	19.5	1.4	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	99.0
England	178	128	0.0	23.3	1.4	0.0	0.0	0.0	0.0	0.0	1.0	3.0	6.0	30.0
Finland	369	353	0.5	2.7	1.3	0.0	0.0	0.0	0.0	0.0	2.0	4.0	5.0	25.0
France	306	246	1.9	18.1	1.1	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	15.0
Georgia	218	215	1.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.0	3.0	7.0	29.0
Germany	243	209	0.6	13.5	2.5	0.0	0.0	0.0	0.0	1.0	3.0	5.0	11.0	40.0
Hong Kong SAR	182	123	0.0	31.3	1.9	0.0	0.0	0.0	0.0	0.0	3.0	6.0	10.0	20.0
Hungary	263	216	0.4	15.7	1.4	0.0	0.0	0.0	0.0	0.0	1.0	4.0	7.0	26.0
Iran, Islamic Rep. of	224	222	1.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	3.0	7.0	10.0	30.0
Ireland	239	228	3.9	0.4	1.4	0.0	0.0	0.0	0.0	0.0	2.0	4.0	5.0	24.0
Italy	266	261	0.9	0.7	1.9	0.0	0.0	0.0	0.0	1.0	3.0	5.0	8.0	14.0
Japan	142	139	0.8	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
Jordan	224	218	0.9	0.3	5.8	0.0	0.0	0.0	1.0	3.0	9.0	15.0	20.0	80.0
Kazakhstan	303	289	4.3	1.3	4.2	0.0	0.0	0.0	0.0	1.0	4.0	17.0	23.0	47.0
Korea, Rep. of	199	180	0.5	7.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	5.0
Kosovo	231	201	2.5	9.5	1.5	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	25.0
Kuwait	164	152	6.4	0.7	3.6	0.0	0.0	0.0	0.0	2.0	5.0	10.0	12.0	20.0
Latvia	213	196	5.5	3.8	3.0	0.0	0.0	0.0	0.0	1.0	4.0	8.0	10.0	27.0
Lithuania	250	248	0.1	0.5	1.7	0.0	0.0	0.0	0.0	0.0	2.0	4.0	8.0	24.0
Macao SAR	275	274	0.6	0.0	3.0	0.0	0.0	0.0	0.0	1.0	4.0	10.0	13.0	30.0
Montenegro	338	322	0.9	4.0	1.3	0.0	0.0	0.0	0.0	0.0	2.0	4.0	6.0	17.0
Morocco	303	234	16.2	5.9	6.1	0.0	0.0	0.0	0.0	4.0	10.0	15.0	20.0	50.0
Netherlands	188	119	1.5	32.9	1.3	0.0	0.0	0.0	0.0	0.0	1.0	3.0	6.0	31.0
New Zealand	396	204	2.1	45.2	1.4	0.0	0.0	0.0	0.0	1.0	2.0	4.0	5.0	10.0
North Macedonia	274	204	1.0	25.2	1.6	0.0	0.0	0.0	0.0	0.0	2.0	4.0	7.0	27.0
Norway (5)	314	213	2.5	26.6	1.5	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	10.0
Oman	287	255	7.8	2.6	4.5	0.0	0.0	0.0	0.0	3.0	6.0	12.0	15.0	36.0
Poland	267	265	0.3	0.7	1.6	0.0	0.0	0.0	0.0	0.0	2.0	4.0	5.0	25.0
Portugal	321	315	0.9	0.8	2.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	7.0	22.0
Qatar	283	274	1.0	2.3	3.2	0.0	0.0	0.0	0.0	2.0	4.0	10.0	15.0	30.0
Romania	188	124	1.1	34.2	1.2	0.0	0.0	0.0	0.0	0.0	1.0	4.0	6.0	16.0
Saudi Arabia	217	182	5.8	10.5	2.6	0.0	0.0	0.0	0.0	0.0	3.0	7.0	11.0	40.0
Serbia	213	213	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	13.0
Singapore	362	361	0.0	0.3	1.1	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	42.0
Slovak Republic	269	269	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.0	3.0	9.0	20.0
Slovenia	269	261	0.3	1.6	2.3	0.0	0.0	0.0	1.0	2.0	3.0	5.0	6.0	13.0
South Africa (5)	287	194	14.6	17.8	23.3	0.0	0.0	0.0	5.0	15.0	34.0	57.0	80.0	190.0
Spain	582	563	1.0	2.0	1.9	0.0	0.0	0.0	0.0	1.0	2.0	4.0	8.0	36.0
Sweden	250	204	2.3	14.5	1.3	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	31.0
Turkiye (5)	171	169	1.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	20.0
United Arab Emirates	1435	1193	3.2	11.2	4.9	0.0	0.0	0.0	0.0	2.0	6.0	14.0	20.0	110.0
United States	495	473	0.8	3.6	1.9	0.0	0.0	0.0	0.0	0.0	2.0	5.0	8.0	60.0
Uzbekistan	168	160	2.4	2.0	2.1	0.0	0.0	0.0	0.0	0.0	2.0	5.0	10.0	35.0
International Avg. (58)	17865	15696	2.5	9.1	2.3	0.0	0.0	0.0	0.1	0.9	3.0	6.2	9.4	31.3
Ontario, Canada	286	236	3.1	11.8	1.7	0.0	0.0	0.0	0.0	1.0	2.0	5.0	9.0	22.0
Quebec, Canada	215	190	0.8	8.0	1.3	0.0	0.0	0.0	0.0	1.0	2.0	3.0	6.0	12.0
Abu Dhabi, UAE	553	459	3.4	11.4	7.5	0.0	0.0	0.0	0.0	4.0	10.0	20.0	26.0	110.0
Dubai, UAE	359	305	3.7	9.4	3.2	0.0	0.0	0.0	0.0	1.0	4.0	10.0	15.0	30.0
Sharjah, UAE	284	222	2.0	14.9	4.1	0.0	0.0	0.0	0.0	0.0	5.0	10.0	15.0	110.0

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives
Location: TQG-12a (ATBG12A)

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
Albania	123	98	57.5	30.1	11.4	0.9	0.9	17.7	495.1	474.6	477.0	522.8	484.4	507.0
Armenia	211	200	74.7	15.5	9.8	0.0	2.4	1.9	458.4	451.9	461.1	.	441.5	461.0
Australia	347	247	53.1	33.2	13.7	0.0	1.6	27.0	555.0	550.6	540.0	.	534.1	545.2
Azerbaijan	271	226	59.7	19.1	20.4	0.8	3.4	12.8	424.2	419.7	423.2	371.5	397.8	420.6
Bahrain	212	211	86.7	12.1	1.1	0.0	0.5	0.0	475.1	471.0	527.2	.	442.4	.
Belgium (Flemish)	278	215	32.2	46.3	21.2	0.4	0.4	19.7	491.3	494.5	484.8	456.4	489.0	477.0
Belgium (French)	344	288	30.0	38.9	31.1	0.0	0.8	14.9	484.6	486.1	477.2	.	512.3	466.6
Bosnia & Herzegovina	236	179	78.7	15.4	5.8	0.0	3.8	20.2	449.2	460.4	449.9	.	446.6	438.8
Brazil	1047	1000	76.0	16.1	7.8	0.1	1.9	1.6	425.3	431.8	412.6	388.8	397.2	437.3
Bulgaria	208	206	68.1	21.6	10.2	0.0	0.0	1.0	531.8	527.9	519.6	.	.	515.0
Canada	917	807	52.7	35.8	11.5	0.0	1.9	9.4	523.1	518.8	524.4	.	523.9	515.2
Chile	178	164	80.3	16.4	3.3	0.0	0.0	7.1	479.9	475.3	502.9	.	.	471.0
Chinese Taipei	238	236	50.2	38.0	11.8	0.0	1.1	0.0	572.3	572.1	573.3	.	597.6	.
Cyprus	267	261	79.5	16.9	3.6	0.0	0.7	1.5	489.5	481.7	455.9	.	507.5	476.8
Czech Republic	344	339	62.4	28.2	9.4	0.0	0.3	1.1	527.7	524.2	518.7	.	523.4	525.8
Denmark	278	206	30.3	42.9	26.8	0.0	5.5	19.5	527.8	520.8	520.5	.	512.9	521.9
England	178	128	49.4	25.9	24.6	0.0	0.0	23.3	558.5	558.9	556.2	.	.	550.7
Finland	369	355	48.4	36.7	15.0	0.0	0.3	2.7	542.9	541.4	546.1	.	583.0	509.7
France	306	247	35.3	32.9	30.4	1.4	1.0	18.1	487.0	482.9	495.2	515.9	494.5	486.0
Georgia	218	217	64.3	18.3	17.1	0.3	0.4	0.0	463.6	468.5	468.4	451.4	374.9	.
Germany	243	209	41.3	42.1	16.6	0.0	0.6	13.5	514.5	511.6	525.7	.	515.5	517.8
Hong Kong SAR	182	121	45.5	34.8	19.7	0.0	0.8	31.3	545.0	532.7	547.3	.	614.7	552.3
Hungary	263	217	75.0	18.7	6.3	0.0	0.0	15.7	520.8	530.7	527.6	.	.	530.6
Iran, Islamic Rep. of	224	223	65.6	26.8	7.6	0.0	0.3	0.0	436.3	422.8	426.7	.	486.0	.
Ireland	239	237	49.1	42.3	8.6	0.0	0.6	0.4	527.3	538.8	523.9	.	532.7	537.9
Italy	266	263	64.8	21.6	13.6	0.0	0.2	0.7	508.5	519.0	507.6	.	493.7	504.4
Japan	142	139	36.8	41.7	21.5	0.0	0.8	1.6	556.2	556.9	547.6	.	547.6	568.6
Jordan	224	222	74.4	20.8	4.8	0.0	0.0	0.3	425.4	398.4	388.0	.	330.2	336.1
Kazakhstan	303	288	70.6	15.2	14.2	0.0	3.5	1.3	467.4	477.5	453.8	.	446.4	484.2
Korea, Rep. of	199	180	68.2	24.8	7.0	0.0	0.5	7.9	586.2	579.5	580.2	.	558.9	575.3
Kosovo	231	203	77.6	8.5	13.9	0.0	2.1	9.5	407.1	407.5	390.5	.	406.5	386.5
Kuwait	164	163	72.5	17.5	9.9	0.0	0.0	0.7	384.5	350.6	323.2	.	.	495.2
Latvia	213	205	63.1	28.4	8.5	0.0	0.6	3.8	528.7	523.1	521.2	.	492.6	508.2
Lithuania	250	248	63.9	28.5	7.6	0.0	0.2	0.5	539.4	533.7	525.7	.	561.6	572.4
Macao SAR	275	274	57.4	28.6	14.0	0.0	0.1	0.0	541.3	530.7	524.1	.	501.0	.
Montenegro	338	322	86.8	8.6	4.6	0.0	1.1	4.0	461.0	449.2	457.8	.	503.4	469.7
Morocco	303	276	71.1	20.3	8.5	0.0	0.0	5.9	387.3	397.6	415.1	.	318.3	366.6
Netherlands	188	117	33.1	44.8	21.4	0.7	2.3	32.9	514.3	520.6	515.8	547.6	490.0	517.3
New Zealand	396	209	42.8	41.1	15.8	0.3	1.2	45.2	524.2	529.0	508.6	460.5	541.5	508.5
North Macedonia	274	204	73.3	11.3	15.4	0.0	1.0	25.2	445.7	436.5	423.7	.	374.6	433.4
Norway (5)	314	213	30.3	49.7	19.5	0.5	2.8	26.6	531.4	533.4	533.6	549.8	541.4	522.7
Oman	287	273	74.4	20.2	5.4	0.0	2.2	2.6	434.3	424.1	438.9	.	429.2	442.7
Poland	267	265	74.5	20.0	5.4	0.0	0.3	0.7	547.4	553.5	564.7	.	577.0	572.0
Portugal	321	315	73.4	22.2	4.4	0.0	0.9	0.8	513.1	506.1	494.2	.	504.7	510.7
Qatar	283	277	81.8	14.5	3.7	0.0	0.6	2.3	466.9	486.7	502.9	.	360.2	543.2
Romania	188	125	92.3	4.9	2.7	0.0	0.6	34.2	531.8	535.1	537.2	.	553.0	514.4
Saudi Arabia	217	188	94.0	4.6	0.9	0.6	2.4	10.5	428.2	396.4	377.0	396.4	427.3	439.7
Serbia	213	211	81.6	14.6	3.7	0.0	1.0	0.0	513.1	501.8	472.0	.	501.3	.
Singapore	361	361	42.0	38.9	19.1	0.0	0.0	0.3	611.8	607.0	598.7	.	.	585.9
Slovak Republic	269	269	65.7	26.6	7.7	0.0	0.0	0.0	515.2	527.6	542.5	.	.	.
Slovenia	269	262	63.2	32.0	4.9	0.0	0.0	1.6	528.0	520.7	522.2	.	.	543.1
South Africa (5)	287	236	58.9	28.1	12.9	0.0	1.2	17.8	304.0	327.0	293.9	.	202.9	309.3
Spain	582	564	71.4	24.0	4.7	0.0	0.5	2.0	505.0	498.5	517.2	.	480.4	512.2
Sweden	250	204	50.6	32.2	17.2	0.0	2.5	14.5	531.0	534.5	538.6	.	520.4	529.4
Turkiye (5)	171	170	82.7	13.9	3.4	0.0	0.5	0.0	571.0	571.5	542.4	.	578.9	.
United Arab Emirates	1435	1223	83.2	12.4	4.3	0.1	0.7	11.2	499.3	494.5	466.0	469.2	428.3	481.2
United States	495	475	58.7	28.4	12.9	0.0	0.4	3.6	531.8	534.2	533.4	.	532.8	526.0
Uzbekistan	168	163	81.7	9.0	8.3	0.9	1.3	2.0	412.0	417.1	400.8	384.9	439.1	420.6
International Avg. (58)	17865	15944	63.2	25.2	11.5	0.1	1.0	9.1	495.8	493.6	490.4	459.6	481.1	492.9
Ontario, Canada	286	237	54.9	35.0	10.2	0.0	2.5	11.8	527.2	526.9	520.4	.	536.9	514.7
Quebec, Canada	215	188	45.6	38.6	15.8	0.0	1.3	8.0	510.4	502.8	509.6	.	493.1	512.1
Abu Dhabi, UAE	553	470	79.8	13.8	6.4	0.0	0.9	11.4	448.2	458.8	423.4	.	383.9	436.0
Dubai, UAE	359	315	81.2	14.6	4.0	0.2	0.0	9.4	568.4	554.3	544.5	496.1	.	534.8
Sharjah, UAE	284	228	90.5	7.4	2.0	0.2	0.4	14.9	506.5	494.5	502.0	479.6	537.9	486.6

Question: How often do you do the following in teaching this class? Ask students to explain their answers
 Location: TQG-12b (ATBG12B)

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
Albania	123	98	78.1	15.9	5.1	0.9	0.9	17.7	492.1	457.9	495.1	522.8	484.4	507.0
Armenia	211	201	86.7	9.9	3.4	0.0	2.2	1.9	458.6	449.2	453.6	.	443.9	461.0
Australia	347	247	80.6	14.3	5.1	0.0	1.6	27.0	552.6	548.9	541.2	.	534.1	545.2
Azerbaijan	271	224	70.6	21.9	6.9	0.5	3.8	12.8	425.0	418.5	407.8	378.6	413.0	420.6
Bahrain	212	210	86.4	12.8	0.8	0.0	0.8	0.0	476.9	461.4	482.7	.	477.0	.
Belgium (Flemish)	278	214	54.9	36.5	8.6	0.0	0.7	19.7	491.3	492.5	483.8	.	507.8	477.0
Belgium (French)	344	288	67.7	26.9	5.1	0.3	0.8	14.9	482.7	484.7	475.3	487.6	512.3	466.6
Bosnia & Herzegovina	236	179	78.1	16.2	5.7	0.0	3.8	20.2	449.6	455.6	457.2	.	446.6	438.8
Brazil	1047	999	66.5	27.2	6.2	0.2	2.0	1.6	429.3	426.5	379.5	349.3	397.5	437.3
Bulgaria	208	205	82.1	14.6	3.3	0.0	0.3	1.0	532.0	525.9	486.0	.	559.6	515.0
Canada	917	806	73.8	21.8	4.5	0.0	2.0	9.4	522.5	517.7	526.3	.	528.1	515.2
Chile	178	164	67.7	28.7	3.6	0.0	0.0	7.1	482.6	471.9	492.1	.	.	471.0
Chinese Taipei	238	236	26.8	40.0	33.2	0.0	1.1	0.0	576.4	570.0	571.9	.	597.6	.
Cyprus	267	261	87.9	9.9	2.2	0.0	0.7	1.5	490.8	459.4	460.1	.	507.5	476.8
Czech Republic	344	339	71.4	23.0	5.6	0.0	0.3	1.1	526.9	523.3	522.5	.	523.4	525.8
Denmark	278	206	45.2	41.1	13.2	0.5	5.5	19.5	525.6	523.5	511.6	518.5	512.9	521.9
England	178	128	92.7	6.8	0.5	0.0	0.0	23.3	557.6	563.8	553.4	.	.	550.7
Finland	369	354	47.5	43.0	9.6	0.0	0.6	2.7	544.1	543.8	532.1	.	564.4	509.7
France	306	248	82.9	13.6	3.5	0.0	0.6	18.1	486.5	493.7	507.9	.	534.1	486.0
Georgia	218	216	79.6	15.3	5.1	0.0	1.0	0.0	465.4	466.0	461.4	.	431.5	.
Germany	243	209	62.7	29.9	7.4	0.0	0.6	13.5	518.5	509.5	509.4	.	515.5	517.8
Hong Kong SAR	182	121	35.7	46.2	18.1	0.0	0.8	31.3	537.7	550.1	525.2	.	614.7	552.3
Hungary	263	217	53.8	39.2	7.0	0.0	0.0	15.7	529.6	514.6	520.2	.	.	530.6
Iran, Islamic Rep. of	224	223	73.2	19.5	7.3	0.0	0.3	0.0	433.7	441.5	388.0	.	486.0	.
Ireland	239	238	69.1	23.9	7.0	0.0	0.0	0.4	532.7	528.6	534.6	.	.	537.9
Italy	266	263	80.2	16.3	3.4	0.0	0.2	0.7	510.5	508.8	521.9	.	493.7	504.4
Japan	142	139	48.5	41.0	10.5	0.0	0.8	1.6	552.8	558.4	548.7	.	547.6	568.6
Jordan	224	222	61.3	24.9	13.2	0.6	0.0	0.3	430.6	403.2	390.5	349.4	330.2	336.1
Kazakhstan	303	285	75.0	19.6	5.0	0.5	4.9	1.3	471.8	447.4	483.1	406.1	448.0	484.2
Korea, Rep. of	199	180	48.3	37.0	14.7	0.0	0.5	7.9	589.2	582.5	571.1	.	558.9	575.3
Kosovo	231	203	75.4	16.3	8.3	0.0	2.1	9.5	407.0	399.9	394.6	.	406.5	386.5
Kuwait	164	163	54.9	31.6	12.7	0.8	0.0	0.7	396.3	352.7	322.3	315.5	.	495.2
Latvia	213	206	75.4	19.8	4.8	0.0	0.0	3.8	529.4	516.0	518.8	.	.	508.2
Lithuania	250	248	75.4	19.3	5.3	0.0	0.2	0.5	538.3	533.9	523.9	.	561.6	572.4
Macao SAR	275	274	45.1	31.7	23.2	0.0	0.1	0.0	540.0	532.6	532.1	.	501.0	.
Montenegro	338	321	88.9	10.4	0.7	0.0	1.2	4.0	462.1	443.2	429.1	.	494.4	469.7
Morocco	303	275	74.3	13.7	11.7	0.3	0.1	5.9	391.5	370.3	417.6	422.6	327.9	366.6
Netherlands	188	118	64.8	34.0	1.2	0.0	1.9	32.9	515.3	522.3	517.6	.	482.5	517.3
New Zealand	396	209	73.4	24.4	1.9	0.3	1.1	45.2	523.1	525.6	522.8	460.5	541.3	508.5
North Macedonia	274	203	81.3	13.9	4.8	0.0	1.3	25.2	448.0	408.0	426.8	.	381.2	433.4
Norway (5)	314	213	45.1	44.3	10.5	0.0	2.8	26.6	533.7	534.6	522.6	.	541.4	522.7
Oman	287	273	84.6	12.0	3.4	0.0	2.2	2.6	435.1	414.2	430.5	.	429.2	442.7
Poland	267	262	54.7	37.5	7.8	0.0	1.4	0.7	551.5	548.5	543.3	.	546.3	572.0
Portugal	321	317	87.5	12.4	0.1	0.0	0.4	0.8	511.3	503.9	548.8	.	554.0	510.7
Qatar	283	277	88.4	9.0	2.6	0.0	0.6	2.3	474.3	443.1	459.6	.	360.2	543.2
Romania	188	125	89.0	5.4	4.4	1.2	0.6	34.2	532.2	540.1	522.8	525.6	553.0	514.4
Saudi Arabia	217	188	76.4	18.5	5.1	0.0	2.4	10.5	424.9	432.2	423.0	.	427.3	439.7
Serbia	213	211	85.6	11.6	2.8	0.0	1.0	0.0	513.4	493.8	469.5	.	501.3	.
Singapore	362	361	52.0	34.0	14.0	0.0	0.0	0.3	615.9	598.1	598.5	.	.	585.9
Slovak Republic	269	268	64.7	28.5	6.8	0.0	0.4	0.0	526.0	516.5	485.9	.	524.9	.
Slovenia	269	262	60.4	35.1	4.5	0.0	0.0	1.6	527.6	522.2	520.9	.	.	543.1
South Africa (5)	287	235	49.6	37.5	12.7	0.2	1.5	17.8	311.7	310.3	294.3	296.0	239.3	309.3
Spain	582	564	74.1	23.3	2.6	0.0	0.5	2.0	506.5	495.0	512.5	.	480.4	512.2
Sweden	250	204	66.0	28.6	5.4	0.0	2.5	14.5	532.9	530.5	554.3	.	520.4	529.4
Turkiye (5)	171	170	76.9	21.5	1.5	0.0	0.5	0.0	574.0	558.2	541.1	.	578.9	.
United Arab Emirates	1435	1223	85.7	11.8	2.5	0.1	0.7	11.2	504.5	461.1	418.4	496.1	428.3	481.2
United States	495	475	79.7	17.6	2.7	0.0	0.4	3.6	532.8	532.9	527.7	.	532.8	526.0
Uzbekistan	168	161	82.4	11.8	4.6	1.3	2.3	2.0	412.4	395.1	430.0	400.7	438.4	420.6
International Avg. (58)	17865	15929	69.8	23.3	6.8	0.1	1.1	9.1	497.4	488.5	486.3	423.5	486.5	492.9
Ontario, Canada	286	237	78.7	17.5	3.8	0.0	2.5	11.8	526.9	528.4	505.4	.	536.9	514.7
Quebec, Canada	215	188	68.2	27.4	4.4	0.0	1.6	8.0	507.4	507.2	497.2	.	518.0	512.1
Abu Dhabi, UAE	553	470	83.5	13.6	2.9	0.0	0.9	11.4	457.2	409.0	371.1	.	383.9	436.0
Dubai, UAE	359	315	90.5	7.8	1.6	0.2	0.0	9.4	567.4	550.2	520.7	496.1	.	534.8
Sharjah, UAE	284	228	91.0	7.5	1.5	0.0	0.4	14.9	507.5	502.3	403.4	.	537.9	486.6

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 (ATBG12C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Albania	123	98	86.1	11.1	1.9	0.9	0.9	17.7	487.4	481.8	489.0	522.8	484.4	507.0
Armenia	211	200	88.9	6.5	4.3	0.3	2.6	1.9	458.1	442.8	473.0	438.1	441.4	461.0
Australia	347	246	71.9	23.2	4.9	0.0	1.6	27.0	552.4	548.9	549.7	.	534.4	545.2
Azerbaijan	271	229	83.1	12.7	3.7	0.5	2.5	12.8	424.7	406.4	429.3	381.4	401.4	420.6
Bahrain	212	210	88.1	11.5	0.4	0.0	1.2	0.0	478.7	445.5	449.8	.	493.4	.
Belgium (Flemish)	278	214	59.4	27.9	12.3	0.4	0.7	19.7	492.5	493.8	482.1	500.7	451.2	477.0
Belgium (French)	344	287	39.2	39.9	19.3	1.7	1.1	14.9	483.0	487.2	473.7	497.7	486.9	466.6
Bosnia & Herzegovina	236	176	76.1	15.7	7.4	0.7	5.4	20.2	451.1	466.9	429.7	455.5	433.7	438.8
Brazil	1047	994	60.3	25.5	13.8	0.4	2.2	1.6	422.7	437.9	415.7	389.2	396.4	437.3
Bulgaria	208	206	71.8	16.8	10.3	1.0	0.0	1.0	532.6	540.3	489.3	560.8	.	515.0
Canada	917	804	69.2	26.1	4.6	0.0	2.5	9.4	523.1	521.7	502.3	.	520.7	515.2
Chile	178	164	93.1	5.2	1.7	0.0	0.0	7.1	479.5	472.8	523.6	.	.	471.0
Chinese Taipei	238	236	26.5	43.7	27.9	1.8	1.1	0.0	577.0	571.4	570.2	559.0	597.6	.
Cyprus	267	261	78.2	20.2	1.6	0.0	0.7	1.5	492.2	467.3	483.6	.	507.5	476.8
Czech Republic	344	335	70.9	21.9	6.9	0.3	1.7	1.1	523.4	527.1	550.2	487.5	518.2	525.8
Denmark	278	203	16.4	43.8	38.9	1.0	6.3	19.5	520.3	525.5	522.0	516.2	509.8	521.9
England	178	127	99.3	0.7	0.0	0.0	0.5	23.3	558.4	500.8	.	.	559.6	550.7
Finland	369	354	38.0	41.0	21.0	0.0	0.5	2.7	535.9	547.8	545.4	.	578.0	509.7
France	306	248	69.3	25.2	5.0	0.5	0.6	18.1	486.2	492.1	496.1	494.2	534.1	486.0
Georgia	218	216	87.9	11.0	1.1	0.0	0.7	0.0	464.5	476.0	412.4	.	433.2	.
Germany	243	209	46.5	37.9	15.6	0.0	0.6	13.5	517.5	512.3	514.7	.	515.5	517.8
Hong Kong SAR	182	121	40.9	35.9	20.6	2.5	0.8	31.3	552.6	534.1	533.3	522.2	614.7	552.3
Hungary	263	217	81.6	13.9	4.5	0.0	0.0	15.7	521.0	531.5	535.0	.	.	530.6
Iran, Islamic Rep. of	224	223	71.8	21.4	6.8	0.0	0.3	0.0	437.7	425.8	390.5	.	486.0	.
Ireland	239	235	46.6	41.8	11.2	0.3	1.0	0.4	538.6	522.8	536.5	534.3	544.3	537.9
Italy	266	263	64.3	20.3	14.5	0.9	0.2	0.7	509.4	505.3	524.4	499.8	493.7	504.4
Japan	142	139	85.7	11.4	2.9	0.0	0.8	1.6	554.8	556.3	543.9	.	547.6	568.6
Jordan	224	220	84.8	11.7	2.5	0.9	0.5	0.3	420.1	409.1	396.9	408.3	379.5	336.1
Kazakhstan	303	283	91.3	5.5	3.1	0.2	5.6	1.3	468.0	471.8	457.0	421.9	442.0	484.2
Korea, Rep. of	199	179	68.2	21.5	10.4	0.0	1.1	7.9	586.5	575.9	585.6	.	568.9	575.3
Kosovo	231	202	83.6	7.8	7.4	1.2	2.6	9.5	405.1	414.4	400.9	363.3	398.1	386.5
Kuwait	164	162	85.8	12.7	1.5	0.0	0.1	0.7	371.6	380.9	354.3	.	292.7	495.2
Latvia	213	204	86.4	10.8	2.9	0.0	0.7	3.8	526.2	528.1	528.7	.	486.7	508.2
Lithuania	250	245	91.0	7.5	1.5	0.0	1.6	0.5	536.6	540.1	522.7	.	542.9	572.4
Macao SAR	275	274	60.1	27.8	12.1	0.0	0.1	0.0	544.6	525.0	517.2	.	501.0	.
Montenegro	338	320	79.1	14.0	6.0	0.9	1.5	4.0	460.3	458.6	462.4	443.2	476.1	469.7
Morocco	303	275	83.1	12.6	4.3	0.0	0.4	5.9	395.5	366.4	387.6	319.6	441.7	366.6
Netherlands	188	118	85.2	14.0	0.9	0.0	1.9	32.9	517.9	519.5	473.5	.	482.5	517.3
New Zealand	396	209	69.6	26.2	4.2	0.0	1.3	45.2	522.7	524.3	531.8	.	538.9	508.5
North Macedonia	274	202	93.0	5.7	1.3	0.0	1.7	25.2	442.4	447.0	365.9	.	389.4	433.4
Norway (5)	314	213	38.6	36.1	25.3	0.0	2.8	26.6	533.5	533.4	531.4	.	541.4	522.7
Oman	287	272	88.7	10.0	1.3	0.0	2.5	2.6	434.0	422.2	412.2	.	426.0	442.7
Poland	267	263	83.3	11.2	5.2	0.4	1.0	0.7	549.4	546.4	561.3	589.8	538.8	572.0
Portugal	321	316	56.0	33.5	10.4	0.0	0.6	0.8	510.4	509.1	515.1	.	542.5	510.7
Qatar	283	276	94.9	4.6	0.4	0.0	0.9	2.3	469.6	498.9	492.7	.	414.0	543.2
Romania	188	125	87.6	9.8	2.6	0.0	0.6	34.2	530.8	534.5	568.8	.	553.0	514.4
Saudi Arabia	217	187	92.4	7.1	0.6	0.0	3.0	10.5	426.0	433.7	396.4	.	418.8	439.7
Serbia	213	210	87.6	10.7	1.7	0.0	1.8	0.0	511.4	500.0	493.5	.	508.3	.
Singapore	362	360	71.5	23.3	5.1	0.2	0.3	0.3	607.9	609.1	600.6	404.0	589.1	585.9
Slovak Republic	269	265	82.7	12.1	5.2	0.0	1.3	0.0	517.8	534.0	527.9	.	546.0	.
Slovenia	269	262	50.4	39.2	10.4	0.0	0.0	1.6	524.0	525.0	533.2	.	.	543.1
South Africa (5)	287	236	56.1	31.4	12.5	0.0	1.2	17.8	293.2	329.2	330.5	.	202.9	309.3
Spain	582	563	52.9	38.8	8.3	0.0	0.5	2.0	504.8	500.9	513.2	.	483.1	512.2
Sweden	250	203	57.8	31.4	10.8	0.0	2.8	14.5	533.2	534.1	531.8	.	524.9	529.4
Turkiye (5)	171	170	79.8	16.8	3.5	0.0	0.5	0.0	571.8	565.2	553.7	.	578.9	.
United Arab Emirates	1435	1219	93.5	5.6	0.9	0.1	1.0	11.2	500.1	467.3	401.9	496.1	437.8	481.2
United States	495	473	82.4	15.4	1.9	0.2	0.8	3.6	532.6	533.9	522.4	538.1	539.1	526.0
Uzbekistan	168	160	91.7	4.9	2.9	0.4	2.8	2.0	411.1	407.8	411.7	393.2	439.7	420.6
International Avg. (58)	17865	15881	72.8	19.5	7.4	0.3	1.4	9.1	495.4	492.9	486.8	469.5	487.2	492.9
Ontario, Canada	286	235	73.7	23.0	3.4	0.0	3.3	11.8	526.6	530.3	503.4	.	528.1	514.7
Quebec, Canada	215	187	61.0	30.3	8.7	0.0	2.3	8.0	509.2	504.1	503.2	.	506.8	512.1
Abu Dhabi, UAE	553	469	92.2	6.4	1.4	0.0	0.9	11.4	450.9	427.4	353.4	.	388.8	436.0
Dubai, UAE	359	314	95.8	3.9	0.1	0.2	0.5	9.4	567.4	526.5	591.0	496.1	485.3	534.8
Sharjah, UAE	284	227	93.0	5.8	1.1	0.0	0.9	14.9	509.6	459.9	460.5	.	460.4	486.6

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 (ATBG12D)

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
Albania	123	98	40.9	30.2	23.7	5.2	0.9	17.7	502.9	477.2	471.2	491.9	484.4	507.0
Armenia	211	201	15.8	44.0	39.7	0.6	2.2	1.9	445.5	461.0	458.7	439.0	443.9	461.0
Australia	347	245	31.2	49.1	19.2	0.5	2.3	27.0	555.0	553.5	540.0	501.9	550.4	545.2
Azerbaijan	271	220	16.7	19.6	44.7	19.0	4.9	12.8	410.6	424.2	424.9	426.3	406.7	420.6
Bahrain	212	211	68.9	26.6	4.1	0.4	0.5	0.0	478.4	470.2	458.2	425.2	442.4	.
Belgium (Flemish)	278	215	16.7	45.5	36.5	1.2	0.4	19.7	500.4	496.9	484.2	368.3	489.0	477.0
Belgium (French)	344	288	6.3	31.1	57.8	4.8	0.8	14.9	483.5	490.3	480.5	461.8	512.3	466.6
Bosnia & Herzegovina	236	177	15.6	31.4	48.1	4.8	4.1	20.2	461.3	449.6	448.1	456.7	445.3	438.8
Brazil	1047	999	45.9	27.4	24.4	2.3	2.0	1.6	430.5	417.3	427.6	396.4	397.5	437.3
Bulgaria	208	206	18.1	36.2	42.4	3.3	0.0	1.0	558.3	534.0	518.8	465.7	.	515.0
Canada	917	806	15.2	45.7	35.0	4.0	1.9	9.4	529.1	527.8	512.4	504.5	524.3	515.2
Chile	178	164	39.1	41.7	18.0	1.1	0.0	7.1	475.4	483.1	482.2	482.1	.	471.0
Chinese Taipei	238	236	7.2	16.6	60.8	15.5	1.1	0.0	583.0	570.4	571.5	572.5	597.6	.
Cyprus	267	261	24.8	41.2	30.0	4.0	0.7	1.5	491.0	496.3	476.1	447.9	507.5	476.8
Czech Republic	344	338	6.6	21.4	63.8	8.2	0.5	1.1	526.9	530.3	525.6	515.2	525.4	525.8
Denmark	278	204	6.7	17.6	63.3	12.3	6.3	19.5	521.0	523.3	523.9	515.8	516.8	521.9
England	178	128	56.8	34.6	8.6	0.0	0.0	23.3	556.4	563.0	548.5	.	.	550.7
Finland	369	355	5.2	36.3	57.5	1.0	0.3	2.7	531.4	547.0	541.8	512.3	583.0	509.7
France	306	248	8.5	33.1	51.3	7.2	0.6	18.1	508.6	488.1	486.7	476.2	534.1	486.0
Georgia	218	214	15.8	25.8	42.3	16.1	1.4	0.0	472.8	468.8	466.4	448.4	452.0	.
Germany	243	209	5.6	30.7	57.5	6.1	0.6	13.5	526.6	515.1	514.0	515.1	515.5	517.8
Hong Kong SAR	182	121	13.9	31.8	51.7	2.6	0.8	31.3	571.7	543.7	532.6	517.3	614.7	552.3
Hungary	263	217	19.6	33.7	44.9	1.7	0.0	15.7	519.7	524.6	524.5	494.6	.	530.6
Iran, Islamic Rep. of	224	223	44.4	36.3	18.3	1.0	0.3	0.0	439.2	427.0	424.7	419.3	486.0	.
Ireland	239	237	18.7	45.4	33.6	2.3	0.6	0.4	529.9	534.5	529.8	527.9	532.7	537.9
Italy	266	262	18.6	35.7	39.0	6.8	0.5	0.7	514.6	511.6	508.7	505.8	501.9	504.4
Japan	142	139	0.7	12.6	60.5	26.3	0.8	1.6	567.1	559.3	554.0	553.8	547.6	568.6
Jordan	224	222	31.5	36.1	28.9	3.5	0.0	0.3	411.6	409.7	426.4	489.8	330.2	336.1
Kazakhstan	303	286	46.4	31.4	20.7	1.5	4.6	1.3	475.8	457.1	463.7	500.4	436.0	484.2
Korea, Rep. of	199	180	16.5	29.7	47.6	6.2	0.5	7.9	586.8	589.3	583.0	560.7	558.9	575.3
Kosovo	231	203	34.5	20.2	36.6	8.7	2.1	9.5	397.5	407.2	409.5	408.5	406.5	386.5
Kuwait	164	162	39.6	27.7	29.9	2.8	0.7	0.7	405.0	344.5	360.9	349.5	232.4	495.2
Latvia	213	205	9.7	44.1	43.3	2.9	0.3	3.8	534.7	532.3	519.3	514.8	476.9	508.2
Lithuania	250	248	14.7	48.6	35.8	1.0	0.2	0.5	540.1	542.4	528.3	511.6	561.6	572.4
Macao SAR	275	274	11.8	25.2	60.3	2.8	0.1	0.0	526.0	540.7	535.5	540.5	501.0	.
Montenegro	338	323	37.4	40.8	21.2	0.6	0.2	4.0	457.7	466.6	453.3	414.4	524.2	469.7
Morocco	303	276	8.7	8.0	35.3	48.1	0.0	5.9	363.6	415.3	397.0	389.1	318.3	366.6
Netherlands	188	118	27.9	55.0	17.1	0.0	1.9	32.9	517.4	522.0	504.3	.	482.5	517.3
New Zealand	396	210	24.3	54.7	20.4	0.7	0.9	45.2	529.3	518.0	531.6	542.8	536.0	508.5
North Macedonia	274	204	36.3	26.6	31.3	5.7	0.9	25.2	454.7	430.0	437.2	431.0	373.8	433.4
Norway (5)	314	213	5.1	27.3	60.6	7.1	2.8	26.6	540.9	532.2	533.0	529.1	541.4	522.7
Oman	287	272	38.4	37.1	24.0	0.5	2.4	2.6	439.9	435.3	415.4	478.8	426.8	442.7
Poland	267	264	9.9	31.1	57.3	1.8	0.7	0.7	555.3	553.9	547.1	536.6	528.2	572.0
Portugal	321	317	33.9	34.9	30.9	0.3	0.4	0.8	516.2	511.4	503.8	438.6	554.0	510.7
Qatar	283	277	53.5	28.3	17.0	1.3	0.6	2.3	481.4	471.8	442.1	411.6	360.2	543.2
Romania	188	125	33.0	9.5	28.0	29.5	0.6	34.2	522.2	572.9	542.5	520.3	553.0	514.4
Saudi Arabia	217	188	52.5	31.6	13.2	2.7	2.4	10.5	430.0	429.4	406.8	406.5	427.3	439.7
Serbia	213	210	11.5	44.3	36.8	7.4	1.3	0.0	517.6	504.1	513.1	517.2	502.6	.
Singapore	362	361	8.9	35.3	53.2	2.6	0.0	0.3	625.0	620.4	596.9	585.4	.	585.9
Slovak Republic	269	268	10.5	37.6	48.0	3.9	0.4	0.0	541.2	529.7	516.2	431.4	527.9	.
Slovenia	269	261	14.2	57.0	28.5	0.4	0.5	1.6	527.0	525.8	523.3	563.0	519.7	543.1
South Africa (5)	287	236	26.1	36.4	36.1	1.3	1.2	17.8	294.1	312.7	316.7	304.1	202.9	309.3
Spain	582	564	16.8	43.7	35.7	3.9	0.5	2.0	511.0	502.6	502.2	506.4	480.4	512.2
Sweden	250	204	14.7	36.6	43.6	5.1	2.5	14.5	555.3	530.0	530.0	523.6	520.4	529.4
Turkiye (5)	171	170	35.3	23.7	40.6	0.4	0.5	0.0	575.2	573.8	562.6	658.1	578.9	.
United Arab Emirates	1435	1220	65.1	27.0	7.6	0.3	0.9	11.2	511.9	480.5	432.9	473.2	437.9	481.2
United States	495	475	37.4	44.4	18.1	0.2	0.4	3.6	534.4	536.9	519.8	437.6	532.8	526.0
Uzbekistan	168	161	29.2	19.8	42.5	8.5	2.0	2.0	408.0	415.3	411.0	412.3	441.7	420.6
International Avg. (58)	17865	15919	24.5	33.4	36.7	5.5	1.2	9.1	499.6	496.6	489.7	479.1	480.9	492.9
Ontario, Canada	286	237	18.1	61.3	20.3	0.3	2.5	11.8	530.3	528.6	516.6	496.9	536.9	514.7
Quebec, Canada	215	188	3.5	21.7	62.3	12.5	1.4	8.0	515.7	509.9	506.2	504.9	501.4	512.1
Abu Dhabi, UAE	553	468	54.1	31.8	14.1	0.0	1.1	11.4	456.8	452.6	403.9	302.9	408.8	436.0
Dubai, UAE	359	315	75.5	21.6	2.7	0.2	0.0	9.4	572.9	541.2	548.0	496.1	.	534.8
Sharjah, UAE	284	227	73.9	20.7	4.8	0.5	0.6	14.9	513.6	484.5	479.1	455.6	513.8	486.6

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students
 Location: TQG-12e (ATBG12E)

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
Albania	123	98	86.5	9.7	2.9	0.9	0.9	17.7	487.7	477.0	493.0	522.8	484.4	507.0
Armenia	211	201	47.1	36.1	16.8	0.0	2.2	1.9	461.8	454.3	452.5	.	443.9	461.0
Australia	347	247	81.0	15.8	3.2	0.0	1.6	27.0	553.6	546.2	523.3	.	534.1	545.2
Azerbaijan	271	225	68.5	19.4	12.1	0.0	3.6	12.8	424.8	421.8	413.3	.	397.0	420.6
Bahrain	212	211	84.2	14.2	1.6	0.0	0.5	0.0	481.1	438.6	487.6	.	442.4	.
Belgium (Flemish)	278	215	12.3	35.8	47.3	4.6	0.4	19.7	493.2	496.4	487.7	483.4	489.0	477.0
Belgium (French)	344	288	32.2	36.7	30.8	0.3	0.8	14.9	484.2	483.5	480.0	566.2	512.3	466.6
Bosnia & Herzegovina	236	178	42.9	31.5	25.6	0.0	3.9	20.2	447.9	455.2	451.0	.	446.1	438.8
Brazil	1047	998	63.5	24.1	11.8	0.6	2.0	1.6	425.4	437.6	402.4	385.7	397.6	437.3
Bulgaria	208	205	41.8	26.8	30.6	0.7	0.8	1.0	546.2	533.9	507.7	405.9	480.5	515.0
Canada	917	808	61.8	29.3	8.9	0.0	1.8	9.4	526.4	515.3	509.6	478.0	525.6	515.2
Chile	178	163	40.5	42.3	16.2	1.1	0.4	7.1	482.1	475.2	484.8	494.5	501.0	471.0
Chinese Taipei	238	236	20.2	43.6	35.6	0.6	1.1	0.0	573.3	573.3	570.4	586.9	597.6	.
Cyprus	267	261	50.5	39.7	9.2	0.6	0.7	1.5	494.5	480.8	476.4	425.7	507.5	476.8
Czech Republic	344	338	37.5	35.8	24.9	1.8	0.6	1.1	533.6	522.4	518.9	534.8	505.0	525.8
Denmark	278	205	18.0	36.6	41.3	4.0	6.0	19.5	522.0	528.7	520.1	496.2	516.3	521.9
England	178	127	94.2	4.8	1.1	0.0	0.4	23.3	557.8	565.5	529.7	.	583.9	550.7
Finland	369	354	28.4	44.3	26.9	0.4	0.8	2.7	543.9	545.1	538.5	502.1	558.1	509.7
France	306	248	45.2	25.8	28.6	0.4	0.6	18.1	488.4	488.8	486.9	539.4	534.1	486.0
Georgia	218	217	45.6	29.8	24.3	0.3	0.4	0.0	470.6	462.3	459.0	465.9	374.9	.
Germany	243	208	18.5	44.9	36.2	0.4	1.0	13.5	523.8	519.0	505.7	480.6	532.0	517.8
Hong Kong SAR	182	121	24.9	41.5	33.7	0.0	0.8	31.3	546.1	544.2	533.8	.	614.7	552.3
Hungary	263	217	21.0	40.1	37.6	1.3	0.0	15.7	513.1	527.1	527.1	442.5	.	530.6
Iran, Islamic Rep. of	224	223	80.4	16.7	3.0	0.0	0.3	0.0	437.5	408.7	412.1	.	486.0	.
Ireland	239	237	57.7	30.5	11.8	0.0	0.6	0.4	530.9	534.9	528.7	.	532.7	537.9
Italy	266	262	61.4	23.4	15.0	0.3	0.6	0.7	507.9	516.7	511.6	497.5	529.4	504.4
Japan	142	139	26.5	38.3	35.2	0.0	0.8	1.6	555.3	554.8	554.0	.	547.6	568.6
Jordan	224	221	61.4	33.7	4.9	0.0	0.5	0.3	423.7	410.5	401.6	.	379.0	336.1
Kazakhstan	303	286	59.2	22.1	18.2	0.5	4.6	1.3	469.9	468.2	457.3	477.1	446.0	484.2
Korea, Rep. of	199	180	20.9	25.2	51.4	2.5	0.5	7.9	593.3	583.1	580.7	587.9	558.9	575.3
Kosovo	231	201	74.9	16.5	7.5	1.1	2.8	9.5	403.9	408.8	410.4	357.7	409.8	386.5
Kuwait	164	162	80.1	14.4	5.5	0.0	0.7	0.7	375.0	383.0	326.4	.	232.4	495.2
Latvia	213	206	27.5	43.0	29.3	0.2	0.0	3.8	527.9	531.0	517.6	539.7	.	508.2
Lithuania	250	248	41.9	42.6	15.4	0.0	0.2	0.5	542.3	532.6	532.8	.	561.6	572.4
Macao SAR	275	274	39.4	31.2	29.2	0.2	0.1	0.0	536.2	529.6	542.0	544.3	501.0	.
Montenegro	338	322	61.9	27.8	10.3	0.0	1.1	4.0	457.5	462.3	467.3	434.0	503.4	469.7
Morocco	303	276	56.1	23.1	20.0	0.8	0.0	5.9	395.5	398.3	373.8	386.5	318.3	366.6
Netherlands	188	118	15.3	40.6	41.4	2.7	1.9	32.9	512.6	518.0	521.6	483.0	482.5	517.3
New Zealand	396	210	85.3	13.3	1.4	0.0	0.9	45.2	523.3	527.7	507.1	.	536.0	508.5
North Macedonia	274	201	81.0	10.9	8.1	0.0	1.7	25.2	444.6	424.7	428.3	.	410.3	433.4
Norway (5)	314	213	34.9	44.6	20.1	0.4	2.8	26.6	540.6	527.3	531.8	552.8	541.4	522.7
Oman	287	273	76.3	15.0	7.9	0.8	2.2	2.6	437.5	412.7	425.4	393.9	429.2	442.7
Poland	267	264	23.1	42.8	33.4	0.8	0.7	0.7	551.3	546.0	554.2	531.5	528.2	572.0
Portugal	321	317	51.9	26.6	20.9	0.5	0.4	0.8	514.3	507.8	505.0	487.5	554.0	510.7
Qatar	283	277	87.5	11.4	1.2	0.0	0.6	2.3	471.4	472.0	438.2	.	360.2	543.2
Romania	188	125	77.2	8.3	11.2	3.3	0.6	34.2	533.4	549.1	520.7	498.5	553.0	514.4
Saudi Arabia	217	188	82.2	14.4	2.9	0.6	2.4	10.5	426.5	432.5	388.4	396.4	427.3	439.7
Serbia	213	211	54.7	37.4	7.5	0.5	1.0	0.0	512.5	507.9	500.8	520.5	501.3	.
Singapore	362	360	25.4	46.3	28.4	0.0	0.3	0.3	608.5	612.7	597.9	.	589.1	585.9
Slovak Republic	269	269	54.8	30.7	14.1	0.4	0.0	0.0	519.9	533.4	494.4	557.1	.	.
Slovenia	269	261	39.3	40.1	20.0	0.5	0.9	1.6	526.1	524.5	525.9	530.1	517.4	543.1
South Africa (5)	287	235	40.7	39.8	18.9	0.6	1.3	17.8	289.1	332.8	305.6	247.1	199.9	309.3
Spain	582	563	39.7	38.3	21.6	0.4	0.8	2.0	505.3	499.7	509.4	461.7	507.7	512.2
Sweden	250	204	44.8	37.6	17.6	0.0	2.5	14.5	540.9	532.6	516.0	.	520.4	529.4
Turkiye (5)	171	170	35.2	24.2	38.4	2.2	0.5	0.0	576.5	570.6	564.4	560.6	578.9	.
United Arab Emirates	1435	1223	85.7	11.5	2.4	0.3	0.7	11.2	503.4	467.6	427.2	464.1	428.3	481.2
United States	495	475	75.7	18.4	6.0	0.0	0.4	3.6	534.0	528.3	529.4	.	532.8	526.0
Uzbekistan	168	159	43.3	17.6	36.3	2.7	3.5	2.0	410.0	404.0	412.3	450.1	433.6	420.6
International Avg. (58)	17865	15922	51.2	28.7	19.4	0.7	1.2	9.1	496.9	493.9	485.8	481.3	483.9	492.9
Ontario, Canada	286	237	71.4	23.2	5.4	0.0	2.5	11.8	529.0	520.8	515.6	.	536.9	514.7
Quebec, Canada	215	189	38.2	41.8	20.0	0.0	1.2	8.0	511.5	502.8	508.4	.	498.5	512.1
Abu Dhabi, UAE	553	470	82.1	13.8	3.9	0.3	0.9	11.4	450.5	445.1	414.8	331.4	383.9	436.0
Dubai, UAE	359	315	91.8	7.6	0.4	0.2	0.0	9.4	568.5	533.0	468.1	496.1	.	534.8
Sharjah, UAE	284	228	89.1	6.9	3.0	1.0	0.4	14.9	509.2	479.7	450.7	520.6	537.9	486.6

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge
Location: TQG-12f (ATBG12F)

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
Albania	123	98	91.7	7.4	0.0	0.9	0.9	17.7	487.8	474.2	.	522.8	484.4	507.0
Armenia	211	201	91.5	5.9	2.6	0.0	2.2	1.9	457.3	460.4	460.6	.	443.9	461.0
Australia	347	247	81.8	15.8	2.4	0.0	1.6	27.0	551.9	550.9	540.7	.	534.1	545.2
Azerbaijan	271	222	80.7	13.8	5.5	0.0	4.1	12.8	425.6	405.7	424.0	.	401.6	420.6
Bahrain	212	211	84.8	13.1	2.1	0.0	0.5	0.0	479.8	441.1	500.3	.	442.4	.
Belgium (Flemish)	278	214	61.4	29.3	9.2	0.0	0.7	19.7	490.4	490.6	499.1	.	494.4	477.0
Belgium (French)	344	288	60.9	31.0	8.1	0.0	0.8	14.9	482.4	481.5	491.8	.	512.3	466.6
Bosnia & Herzegovina	236	179	94.1	5.9	0.0	0.0	3.8	20.2	450.8	454.0	.	.	446.6	438.8
Brazil	1047	996	65.8	27.3	6.8	0.0	2.3	1.6	422.6	438.0	403.7	376.6	396.4	437.3
Bulgaria	208	206	90.6	8.6	0.0	0.7	0.0	1.0	534.4	491.0	.	405.9	.	515.0
Canada	917	807	73.0	22.7	3.8	0.5	1.8	9.4	522.6	517.0	535.1	499.7	525.3	515.2
Chile	178	163	81.5	17.3	1.2	0.0	0.8	7.1	478.8	484.3	504.0	.	464.2	471.0
Chinese Taipei	238	236	43.1	44.7	12.1	0.0	1.1	0.0	576.0	568.1	575.1	.	597.6	.
Cyprus	267	261	85.2	13.6	1.2	0.0	0.7	1.5	487.8	482.6	477.8	.	507.5	476.8
Czech Republic	344	338	82.4	15.2	2.4	0.0	0.6	1.1	528.0	518.7	502.1	.	505.0	525.8
Denmark	278	205	41.1	47.5	11.4	0.0	5.9	19.5	524.2	523.9	513.7	.	513.7	521.9
England	178	128	88.4	10.6	1.0	0.0	0.0	23.3	560.6	539.5	529.7	.	.	550.7
Finland	369	355	59.0	35.7	5.3	0.0	0.3	2.7	544.3	542.2	531.0	.	583.0	509.7
France	306	248	66.3	28.5	5.1	0.0	0.6	18.1	485.4	491.8	505.2	.	534.1	486.0
Georgia	218	215	96.7	3.0	0.3	0.0	1.4	0.0	465.3	466.3	462.2	.	437.9	.
Germany	243	209	60.2	33.4	6.4	0.0	0.6	13.5	513.9	518.8	507.8	.	515.5	517.8
Hong Kong SAR	182	121	35.1	47.2	17.7	0.0	0.8	31.3	552.4	540.9	519.8	.	614.7	552.3
Hungary	263	217	83.7	13.8	2.5	0.0	0.0	15.7	524.1	519.3	508.4	.	.	530.6
Iran, Islamic Rep. of	224	223	73.1	20.1	6.8	0.0	0.3	0.0	436.8	433.2	375.7	.	486.0	.
Ireland	239	237	73.6	24.0	2.4	0.0	0.6	0.4	530.0	537.6	531.2	.	532.7	537.9
Italy	266	263	87.3	10.3	2.4	0.0	0.2	0.7	510.3	512.8	513.9	.	493.7	504.4
Japan	142	139	37.6	51.5	10.9	0.0	0.8	1.6	552.5	558.8	542.6	.	547.6	568.6
Jordan	224	222	85.6	12.0	2.4	0.0	0.0	0.3	422.4	399.1	356.3	.	330.2	336.1
Kazakhstan	303	284	85.8	9.7	4.5	0.0	4.7	1.3	470.0	440.9	473.9	.	445.2	484.2
Korea, Rep. of	199	180	42.4	38.9	18.3	0.3	0.5	7.9	588.5	579.9	583.2	567.8	558.9	575.3
Kosovo	231	203	91.5	6.0	2.5	0.0	2.1	9.5	405.6	393.8	404.1	.	406.5	386.5
Kuwait	164	162	82.4	13.6	4.0	0.0	0.7	0.7	379.4	358.3	302.0	.	232.4	495.2
Latvia	213	202	81.7	17.1	1.2	0.0	1.6	3.8	528.3	518.3	549.4	.	490.8	508.2
Lithuania	250	248	84.4	14.0	1.6	0.0	0.2	0.5	538.3	534.6	471.3	.	561.6	572.4
Macao SAR	275	274	59.9	28.1	11.9	0.0	0.1	0.0	541.1	526.9	530.3	.	501.0	.
Montenegro	338	322	97.1	2.5	0.4	0.0	1.1	4.0	460.6	434.3	435.0	.	503.4	469.7
Morocco	303	276	81.8	15.7	2.5	0.0	0.0	5.9	396.7	373.4	346.1	.	318.3	366.6
Netherlands	188	118	75.7	23.0	1.3	0.0	1.9	32.9	516.1	521.0	550.9	.	482.5	517.3
New Zealand	396	210	78.0	17.7	4.2	0.0	0.9	45.2	525.6	516.3	518.4	.	536.0	508.5
North Macedonia	274	202	90.9	6.3	2.7	0.0	1.6	25.2	444.9	406.1	406.9	.	393.3	433.4
Norway (5)	314	212	49.7	44.8	5.5	0.0	2.9	26.6	534.3	532.3	525.4	.	541.1	522.7
Oman	287	271	87.6	8.8	2.6	1.0	3.2	2.6	434.1	424.4	395.1	477.6	423.7	442.7
Poland	267	265	74.4	23.4	2.3	0.0	0.3	0.7	548.4	550.9	575.6	.	577.0	572.0
Portugal	321	317	80.5	14.7	4.8	0.0	0.4	0.8	511.8	505.0	504.0	.	554.0	510.7
Qatar	283	277	89.8	8.6	1.6	0.0	0.6	2.3	469.8	488.3	452.6	.	360.2	543.2
Romania	188	125	93.0	4.1	2.9	0.0	0.6	34.2	533.2	516.0	521.1	.	553.0	514.4
Saudi Arabia	217	188	93.9	4.3	1.7	0.0	2.4	10.5	425.2	437.2	448.1	.	427.3	439.7
Serbia	213	210	92.0	6.2	1.8	0.0	1.5	0.0	512.4	481.5	492.7	.	491.4	.
Singapore	362	361	62.8	28.4	8.6	0.2	0.0	0.3	609.8	602.4	605.9	628.9	.	585.9
Slovak Republic	269	269	79.4	17.7	2.9	0.0	0.0	0.0	520.8	520.9	514.5	.	.	.
Slovenia	269	262	84.5	14.4	1.1	0.0	0.0	1.6	525.9	522.4	521.7	.	.	543.1
South Africa (5)	287	236	77.0	20.4	2.6	0.0	1.2	17.8	293.8	371.2	276.9	.	202.9	309.3
Spain	582	564	76.3	19.8	3.9	0.0	0.5	2.0	504.6	502.0	501.9	.	480.4	512.2
Sweden	250	203	56.9	32.3	10.9	0.0	2.8	14.5	532.7	535.1	530.7	.	527.2	529.4
Turkiye (5)	171	170	85.7	13.5	0.8	0.0	0.5	0.0	570.6	567.6	551.1	.	578.9	.
United Arab Emirates	1435	1223	90.2	8.1	1.6	0.1	0.7	11.2	499.4	482.2	453.8	496.1	428.3	481.2
United States	495	474	79.0	19.1	1.8	0.0	0.7	3.6	533.3	528.7	546.0	.	539.4	526.0
Uzbekistan	168	161	89.3	5.3	4.5	0.9	2.3	2.0	411.8	400.7	413.3	384.9	438.4	420.6
International Avg. (58)	17865	15918	76.7	18.9	4.3	0.1	1.2	9.1	495.9	489.9	485.7	484.5	478.8	492.9
Ontario, Canada	286	237	76.6	19.3	4.1	0.0	2.5	11.8	529.1	520.6	503.2	.	536.9	514.7
Quebec, Canada	215	189	65.3	30.8	2.4	1.5	1.2	8.0	508.2	504.6	518.7	499.7	498.5	512.1
Abu Dhabi, UAE	553	470	88.6	9.0	2.4	0.0	0.9	11.4	448.1	453.9	426.8	.	383.9	436.0
Dubai, UAE	359	315	92.0	7.4	0.4	0.2	0.0	9.4	567.6	538.5	559.1	496.1	.	534.8
Sharjah, UAE	284	228	92.9	5.9	1.2	0.0	0.4	14.9	506.5	484.5	527.6	.	537.9	486.6

Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures
 Location: TQG-12g (ATBG12G)

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
Albania	123	98	51.5	28.0	18.0	2.4	0.9	17.7	495.1	473.5	479.8	527.9	484.4	507.0
Armenia	211	201	76.7	14.6	8.6	0.0	2.2	1.9	456.3	459.8	464.4	.	443.9	461.0
Australia	347	247	34.4	41.1	24.1	0.4	1.6	27.0	555.1	555.4	540.7	483.9	534.1	545.2
Azerbaijan	271	224	57.5	24.5	17.4	0.6	3.9	12.8	418.6	434.3	420.8	399.2	401.5	420.6
Bahrain	212	211	64.2	26.2	9.6	0.0	0.5	0.0	480.6	457.5	487.3	.	442.4	.
Belgium (Flemish)	278	215	39.3	40.3	19.6	0.7	0.4	19.7	492.6	492.1	486.8	496.5	489.0	477.0
Belgium (French)	344	288	39.0	43.5	17.2	0.3	0.8	14.9	489.8	479.6	474.9	520.1	512.3	466.6
Bosnia & Herzegovina	236	179	57.4	28.0	14.6	0.0	3.8	20.2	450.7	453.5	447.2	.	446.6	438.8
Brazil	1047	999	51.8	29.2	17.6	1.4	2.0	1.6	425.3	424.5	429.7	393.5	397.5	437.3
Bulgaria	208	206	27.7	33.7	36.9	1.7	0.0	1.0	539.1	540.8	513.1	518.6	.	515.0
Canada	917	807	35.3	43.0	21.5	0.3	1.9	9.4	526.1	521.9	514.2	492.7	524.9	515.2
Chile	178	164	37.9	40.0	21.0	1.1	0.0	7.1	479.4	481.9	476.1	494.5	.	471.0
Chinese Taipei	238	235	16.0	33.5	47.5	3.0	1.7	0.0	575.9	571.8	570.4	586.8	593.8	.
Cyprus	267	261	42.5	36.6	19.6	1.2	0.7	1.5	491.7	487.6	480.7	409.0	507.5	476.8
Czech Republic	344	339	27.5	41.5	30.4	0.6	0.3	1.1	528.2	535.3	510.8	527.5	523.4	525.8
Denmark	278	207	9.5	41.3	45.3	3.9	5.2	19.5	531.0	523.5	521.4	510.5	513.6	521.9
England	178	127	37.0	41.2	21.3	0.5	0.8	23.3	553.4	567.1	548.9	553.4	552.0	550.7
Finland	369	353	13.3	39.5	45.8	1.4	0.9	2.7	541.6	546.1	541.1	532.3	537.5	509.7
France	306	248	50.1	22.5	26.3	1.1	0.6	18.1	488.9	486.9	488.0	490.4	534.1	486.0
Georgia	218	216	63.7	25.5	10.9	0.0	0.7	0.0	464.5	467.1	465.7	.	415.1	.
Germany	243	209	21.6	48.5	28.9	1.0	0.6	13.5	528.2	515.7	503.4	543.1	515.5	517.8
Hong Kong SAR	182	121	12.6	40.9	42.6	3.9	0.8	31.3	550.0	553.7	527.1	535.8	614.7	552.3
Hungary	263	217	26.0	40.5	32.4	1.1	0.0	15.7	526.2	526.7	518.3	455.3	.	530.6
Iran, Islamic Rep. of	224	223	60.0	34.2	5.8	0.0	0.3	0.0	437.1	426.4	411.3	.	486.0	.
Ireland	239	237	18.6	45.2	34.1	2.1	0.6	0.4	524.4	535.0	532.9	513.8	532.7	537.9
Italy	266	262	47.7	32.5	19.5	0.3	0.7	0.7	510.6	510.2	512.2	504.4	484.0	504.4
Japan	142	139	16.6	45.6	35.6	2.2	0.8	1.6	558.3	555.9	552.4	539.1	547.6	568.6
Jordan	224	222	57.4	33.0	9.5	0.1	0.0	0.3	421.3	412.1	418.7	371.3	330.2	336.1
Kazakhstan	303	287	70.6	19.4	9.5	0.4	4.2	1.3	469.1	458.6	471.8	497.0	441.2	484.2
Korea, Rep. of	199	180	24.7	36.6	38.2	0.4	0.5	7.9	589.5	584.9	579.7	594.7	558.9	575.3
Kosovo	231	202	36.4	19.3	41.2	3.1	2.5	9.5	399.6	416.6	404.9	389.2	409.2	386.5
Kuwait	164	162	49.7	37.1	12.5	0.7	0.7	0.7	383.1	363.4	371.8	257.6	232.4	495.2
Latvia	213	206	27.3	44.7	26.5	1.4	0.0	3.8	531.5	527.4	519.6	511.4	.	508.2
Lithuania	250	248	23.1	49.3	26.4	1.2	0.2	0.5	544.3	535.7	530.6	566.5	561.6	572.4
Macao SAR	275	274	13.6	41.5	43.5	1.4	0.1	0.0	523.8	539.4	535.7	551.2	501.0	.
Montenegro	338	322	70.4	24.5	5.1	0.0	1.1	4.0	460.0	457.3	469.8	.	503.4	469.7
Morocco	303	275	45.1	22.6	31.1	1.2	0.1	5.9	390.1	398.1	387.8	437.4	371.3	366.6
Netherlands	188	118	29.1	40.1	29.9	0.8	1.9	32.9	514.8	520.3	518.9	453.4	482.5	517.3
New Zealand	396	210	29.9	50.4	18.4	1.4	0.9	45.2	519.4	519.5	541.8	526.7	536.0	508.5
North Macedonia	274	203	51.6	23.1	24.9	0.3	1.3	25.2	448.6	434.4	433.4	411.7	381.2	433.4
Norway (5)	314	213	15.5	36.6	46.0	1.8	2.8	26.6	541.8	533.9	529.7	518.6	541.4	522.7
Oman	287	273	64.6	28.1	7.0	0.3	2.2	2.6	432.9	433.9	418.7	545.9	429.2	442.7
Poland	267	264	30.7	33.0	35.7	0.7	0.7	0.7	548.1	551.4	550.2	533.4	528.2	572.0
Portugal	321	316	58.6	30.7	10.7	0.0	0.9	0.8	512.8	510.5	497.5	.	528.0	510.7
Qatar	283	277	60.0	25.7	14.0	0.4	0.6	2.3	466.9	479.7	472.6	492.6	360.2	543.2
Romania	188	125	62.6	15.8	21.6	0.0	0.6	34.2	531.5	540.9	527.7	.	553.0	514.4
Saudi Arabia	217	187	57.0	25.6	16.7	0.7	2.7	10.5	430.2	418.4	425.4	377.2	431.5	439.7
Serbia	213	211	47.0	42.2	10.8	0.0	1.0	0.0	513.2	509.5	497.4	.	501.3	.
Singapore	362	361	8.6	31.8	51.3	8.3	0.0	0.3	604.0	617.5	604.6	590.0	.	585.9
Slovak Republic	269	268	36.1	38.2	24.5	1.1	0.3	0.0	532.7	524.5	502.9	394.6	492.8	.
Slovenia	269	261	23.5	53.4	23.1	0.0	0.4	1.6	531.4	523.9	522.1	.	548.9	543.1
South Africa (5)	287	236	28.7	32.9	37.0	1.4	0.9	17.8	299.4	314.6	311.8	241.6	252.6	309.3
Spain	582	563	45.1	36.8	17.7	0.5	0.9	2.0	505.0	502.5	505.0	528.2	473.1	512.2
Sweden	250	204	20.1	41.5	37.4	1.0	2.5	14.5	544.2	534.5	526.4	534.5	520.4	529.4
Turkiye (5)	171	169	58.3	27.0	14.7	0.0	1.2	0.0	579.7	562.8	548.0	.	542.3	.
United Arab Emirates	1435	1223	57.8	28.5	12.8	0.9	0.7	11.2	506.6	493.6	466.4	455.2	428.3	481.2
United States	495	475	38.5	40.8	20.3	0.4	0.4	3.6	529.1	533.8	537.7	499.4	532.8	526.0
Uzbekistan	168	161	59.7	8.5	30.9	0.9	2.3	2.0	413.5	399.4	410.2	384.9	438.4	420.6
International Avg. (58)	17865	15929	40.3	34.1	24.5	1.1	1.2	9.1	497.2	495.5	490.7	482.8	480.1	492.9
Ontario, Canada	286	236	38.9	42.9	17.8	0.4	2.7	11.8	525.5	531.8	516.1	495.6	535.1	514.7
Quebec, Canada	215	189	27.7	41.3	30.8	0.2	1.2	8.0	507.1	506.2	508.8	494.2	498.5	512.1
Abu Dhabi, UAE	553	470	47.1	34.6	16.9	1.4	0.9	11.4	456.6	450.4	422.1	418.9	383.9	436.0
Dubai, UAE	359	315	59.6	31.2	9.0	0.2	0.0	9.4	569.1	564.6	543.1	496.1	.	534.8
Sharjah, UAE	284	228	71.3	16.0	11.8	1.0	0.4	14.9	509.4	494.3	495.9	520.6	537.9	486.6

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 (ATBG13A)

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
Albania	123	95	53.7	43.2	3.0	3.2	17.7	499.8	474.2	479.0	461.9	507.0
Armenia	211	197	24.6	67.8	7.7	3.6	1.9	461.9	457.2	442.1	457.1	461.0
Australia	347	248	17.9	64.6	17.5	1.5	27.0	573.1	553.2	522.9	534.1	545.2
Azerbaijan	271	225	31.6	57.8	10.6	3.3	12.8	428.6	416.4	429.2	425.6	420.6
Bahrain	212	210	20.3	66.6	13.2	0.9	0.0	497.0	473.8	454.8	360.4	.
Belgium (Flemish)	278	214	14.9	60.1	25.0	0.8	19.7	510.5	494.7	471.4	496.5	477.0
Belgium (French)	344	289	8.4	53.5	38.1	0.8	14.9	507.6	492.0	464.0	533.7	466.6
Bosnia & Herzegovina	236	178	18.3	69.5	12.2	3.0	20.2	461.2	448.8	450.3	438.4	438.8
Brazil	1047	993	19.6	61.4	18.9	3.0	1.6	439.2	427.7	401.0	423.3	437.3
Bulgaria	208	206	22.1	64.4	13.5	0.0	1.0	563.4	530.0	473.4	.	515.0
Canada	917	804	8.4	63.6	28.0	2.2	9.4	553.3	521.7	512.3	522.1	515.2
Chile	178	164	10.6	62.6	26.8	0.0	7.1	494.2	486.6	458.5	.	471.0
Chinese Taipei	238	235	20.2	67.4	12.4	1.6	0.0	580.0	571.6	561.9	602.7	.
Cyprus	267	261	10.5	58.4	31.1	0.7	1.5	500.1	491.7	475.0	449.9	476.8
Czech Republic	344	338	22.2	69.9	7.9	0.6	1.1	535.8	523.7	517.6	523.0	525.8
Denmark	278	205	19.8	69.5	10.7	5.7	19.5	530.8	520.4	520.9	517.7	521.9
England	178	128	9.4	73.8	16.8	0.0	23.3	594.4	559.8	529.6	.	550.7
Finland	369	355	20.9	65.7	13.4	0.3	2.7	561.0	545.6	501.1	583.0	509.7
France	306	247	10.3	53.0	36.7	0.9	18.1	508.6	497.8	469.5	499.0	486.0
Georgia	218	213	29.1	68.2	2.7	2.4	0.0	470.9	463.5	457.8	442.2	.
Germany	243	209	9.8	63.2	26.9	0.6	13.5	537.9	524.9	483.7	515.5	517.8
Hong Kong SAR	182	122	17.8	72.8	9.5	0.3	31.3	582.7	534.0	522.8	619.1	552.3
Hungary	263	217	24.9	62.7	12.4	0.0	15.7	542.6	522.2	488.3	.	530.6
Iran, Islamic Rep. of	224	223	6.3	59.6	34.1	0.2	0.0	447.8	430.2	432.5	445.3	.
Ireland	239	237	11.6	76.1	12.3	0.9	0.4	551.2	532.1	510.9	549.7	537.9
Italy	266	261	19.0	54.8	26.2	0.9	0.7	514.0	511.6	505.5	526.0	504.4
Japan	142	137	38.1	57.3	4.6	2.3	1.6	564.7	549.0	549.8	537.3	568.6
Jordan	224	221	15.2	63.3	21.6	2.1	0.3	419.4	419.8	410.1	431.8	336.1
Kazakhstan	303	284	43.4	49.6	7.0	6.0	1.3	462.9	466.8	491.4	457.4	484.2
Korea, Rep. of	199	179	16.8	71.0	12.1	0.8	7.9	596.6	584.3	565.7	564.4	575.3
Kosovo	231	202	23.3	72.2	4.5	2.9	9.5	409.4	404.2	405.9	386.2	386.5
Kuwait	164	162	14.4	73.8	11.8	0.6	0.7	399.1	369.0	364.2	331.2	495.2
Latvia	213	204	17.4	71.6	11.0	0.6	3.8	533.9	526.9	509.8	530.6	508.2
Lithuania	250	244	9.7	70.0	20.3	1.3	0.5	556.3	535.5	531.5	544.4	572.4
Macao SAR	275	274	15.4	82.5	2.1	0.2	0.0	541.7	535.9	497.2	459.8	.
Montenegro	338	321	21.3	71.4	7.3	1.0	4.0	465.6	461.3	431.0	488.8	469.7
Morocco	303	274	8.9	55.1	36.0	1.3	5.9	381.3	407.0	367.2	484.4	366.6
Netherlands	188	119	16.2	69.0	14.8	1.5	32.9	531.1	518.4	495.6	502.0	517.3
New Zealand	396	209	9.5	70.6	20.0	1.1	45.2	546.4	525.7	505.0	538.6	508.5
North Macedonia	374	201	29.5	58.9	11.5	2.1	25.2	459.7	435.5	424.6	406.4	433.4
Norway (5)	214	211	11.2	73.2	15.7	3.4	26.6	545.0	532.8	525.3	538.8	522.7
Oman	287	273	17.1	63.3	19.6	2.0	2.6	444.6	432.3	421.2	440.0	442.7
Poland	267	264	24.3	65.0	10.7	0.7	0.7	559.7	548.9	533.0	528.2	572.0
Portugal	321	316	10.3	64.1	25.6	0.6	0.8	530.7	513.4	494.8	549.8	510.7
Qatar	283	275	16.0	75.4	8.6	1.2	2.3	499.2	468.6	437.3	441.2	543.2
Romania	188	122	22.5	71.4	6.1	2.8	34.2	547.7	529.9	521.6	507.8	514.4
Saudi Arabia	217	188	9.1	53.7	37.2	2.4	10.5	430.3	428.4	422.1	423.8	439.7
Serbia	213	212	20.6	72.9	6.5	0.5	0.0	520.3	508.4	494.7	484.7	.
Singapore	362	361	26.0	65.4	8.5	0.0	0.3	630.5	604.9	556.2	.	585.9
Slovak Republic	269	268	19.6	60.5	19.9	0.3	0.0	548.1	522.9	487.4	450.1	.
Slovenia	269	262	20.6	61.2	18.2	0.0	1.6	530.4	525.5	519.2	.	543.1
South Africa (5)	287	235	6.7	73.5	19.8	0.8	17.8	389.8	310.1	273.0	253.6	309.3
Spain	582	561	11.6	65.8	22.6	0.9	2.0	510.6	509.7	483.2	508.9	512.2
Sweden	250	204	13.9	58.0	28.2	2.6	14.5	552.4	542.6	505.8	515.4	529.4
Turkiye (5)	171	169	6.2	56.4	37.4	1.2	0.0	607.5	580.3	549.5	542.3	.
United Arab Emirates	1435	1210	22.5	63.0	14.5	1.6	11.2	537.1	498.7	427.5	481.3	481.2
United States	495	474	6.2	58.9	34.9	0.8	3.6	567.5	545.0	507.6	450.7	526.0
Uzbekistan	168	160	50.1	45.6	4.3	2.7	2.0	412.9	409.4	418.8	418.0	420.6
International Avg. (58)	17865	15870	18.6	64.4	17.1	1.5	9.1	511.7	495.8	476.9	483.2	492.9
Ontario, Canada	286	236	3.9	68.3	27.9	2.8	11.8	563.5	525.5	523.5	535.3	514.7
Quebec, Canada	215	189	10.5	57.8	31.7	1.2	8.0	529.0	507.0	500.3	498.5	512.1
Abu Dhabi, UAE	553	464	15.8	63.2	21.0	2.0	11.4	498.9	456.4	386.9	402.0	436.0
Dubai, UAE	359	313	29.4	58.4	12.2	0.2	9.4	595.1	562.5	505.3	606.7	534.8
Sharjah, UAE	284	223	24.1	69.9	6.0	2.8	14.9	524.2	502.5	451.2	533.3	486.6

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 (ATBG13B)

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
Albania	123	95	66.4	28.6	5.1	3.2	17.7	495.9	472.4	474.8	461.9	507.0
Armenia	211	195	58.6	37.5	3.9	4.5	1.9	456.4	458.6	458.7	455.1	461.0
Australia	347	248	62.0	31.5	6.5	1.5	27.0	562.0	536.8	522.3	534.1	545.2
Azerbaijan	271	221	64.9	29.0	6.1	4.0	12.8	425.9	420.9	387.7	413.6	420.6
Bahrain	212	209	62.5	30.8	6.8	1.2	0.0	484.6	468.7	429.6	394.5	.
Belgium (Flemish)	278	215	73.4	25.3	1.3	0.4	19.7	498.0	472.2	486.1	489.0	477.0
Belgium (French)	344	287	74.4	21.9	3.6	1.1	14.9	488.9	466.7	453.4	517.6	466.6
Bosnia & Herzegovina	236	177	83.2	15.3	1.4	3.7	20.2	454.0	432.5	473.8	445.9	438.8
Brazil	1047	995	59.7	31.9	8.4	2.4	1.6	434.6	407.1	423.5	422.4	437.3
Bulgaria	208	203	89.5	9.0	1.5	1.3	1.0	540.7	421.7	559.1	482.2	515.0
Canada	917	803	55.7	40.4	3.9	2.5	9.4	531.9	508.8	506.2	527.4	515.2
Chile	178	164	51.3	37.5	11.1	0.0	7.1	493.1	469.9	452.6	.	471.0
Chinese Taipei	238	235	65.7	29.0	5.3	1.6	0.0	575.3	568.3	559.6	584.2	.
Cyprus	267	262	80.4	14.2	5.4	0.3	1.5	488.0	482.4	486.3	491.1	476.8
Czech Republic	344	339	98.3	1.7	0.0	0.4	1.1	525.9	519.7	.	537.0	525.8
Denmark	278	206	73.7	24.7	1.6	5.6	19.5	527.6	507.6	515.4	517.6	521.9
England	178	128	55.9	42.2	1.9	0.0	23.3	572.7	540.0	524.6	.	550.7
Finland	369	355	78.0	20.7	1.3	0.3	2.7	547.0	531.9	463.7	583.0	509.7
France	306	247	76.0	22.1	1.9	0.9	18.1	491.8	477.7	475.2	510.0	486.0
Georgia	218	211	40.2	47.0	12.8	3.5	0.0	472.0	464.7	448.5	448.5	.
Germany	243	209	77.9	20.0	2.1	0.6	13.5	524.0	482.5	495.6	515.5	517.8
Hong Kong SAR	182	122	71.1	26.6	2.3	0.3	31.3	554.8	504.8	561.6	619.1	552.3
Hungary	263	216	68.2	29.2	2.7	0.4	15.7	534.6	501.2	465.3	537.4	530.6
Iran, Islamic Rep. of	224	223	31.0	58.6	10.4	0.2	0.0	449.9	423.0	430.1	445.3	.
Ireland	239	236	76.7	22.1	1.2	1.4	0.4	536.3	520.9	532.1	465.8	537.9
Italy	266	261	69.5	23.0	7.5	0.9	0.7	509.9	515.3	501.2	526.0	504.4
Japan	142	137	95.6	4.4	0.0	2.3	1.6	554.4	569.7	.	537.3	568.6
Jordan	224	219	25.0	57.8	17.1	2.3	0.3	426.0	415.5	413.2	427.0	336.1
Kazakhstan	303	281	65.5	29.1	5.4	7.3	1.3	474.0	455.9	452.5	450.8	484.2
Korea, Rep. of	199	179	70.2	25.5	4.2	0.8	7.9	588.2	575.1	570.8	564.4	575.3
Kosovo	231	202	59.4	37.8	2.8	2.9	9.5	410.4	398.6	392.9	386.2	386.5
Kuwait	164	163	34.4	54.7	10.9	0.0	0.7	397.0	356.9	373.1	.	495.2
Latvia	213	204	52.1	46.5	1.4	0.7	3.8	530.2	523.1	510.5	472.5	508.2
Lithuania	250	244	59.4	35.5	5.1	1.0	0.5	537.1	539.5	511.7	550.1	572.4
Macao SAR	275	274	62.0	37.0	1.0	0.2	0.0	541.1	528.9	477.4	459.8	.
Montenegro	338	320	89.2	9.7	1.2	2.0	4.0	461.5	449.1	449.9	466.8	469.7
Morocco	303	273	25.4	50.1	24.5	2.0	5.9	414.6	385.7	371.1	495.3	366.6
Netherlands	188	119	73.9	23.4	2.7	1.5	32.9	524.1	496.4	504.1	502.0	517.3
New Zealand	396	210	56.4	38.2	5.4	0.9	45.2	538.9	506.2	488.7	536.0	508.5
North Macedonia	274	199	65.2	28.2	6.5	2.8	25.2	454.9	419.6	410.8	397.2	433.4
Norway (5)	314	211	59.0	39.3	1.7	3.2	26.6	535.7	528.9	527.0	541.6	522.7
Oman	287	272	29.5	59.4	11.1	2.5	2.6	455.9	427.1	397.3	436.9	442.7
Poland	267	264	94.5	5.5	0.0	0.7	0.7	550.1	545.8	.	528.2	572.0
Portugal	321	316	83.5	11.6	4.9	0.6	0.8	511.8	499.0	512.6	549.8	510.7
Qatar	283	274	51.5	44.6	3.9	1.6	2.3	488.1	454.7	415.8	477.9	543.2
Romania	188	122	60.3	33.8	5.9	2.8	34.2	544.2	521.6	490.4	507.8	514.4
Saudi Arabia	217	188	17.1	56.0	26.8	2.4	10.5	436.0	429.7	412.8	423.8	439.7
Serbia	213	212	83.6	15.5	0.9	0.5	0.0	510.8	504.3	531.5	484.7	.
Singapore	362	361	85.8	13.5	0.6	0.0	0.3	613.0	571.6	619.3	.	585.9
Slovak Republic	269	268	85.5	9.8	4.7	0.3	0.0	522.3	510.7	514.4	450.1	.
Slovenia	269	262	79.3	18.4	2.3	0.0	1.6	524.7	528.1	526.1	.	543.1
South Africa (5)	287	236	36.4	51.2	12.3	0.4	17.8	349.5	285.4	278.4	245.3	309.3
Spain	582	561	85.7	12.3	1.9	0.9	2.0	506.9	485.5	486.0	508.9	512.2
Sweden	250	204	72.1	27.0	0.9	2.6	14.5	531.9	538.8	515.0	515.4	529.4
Turkiye (5)	171	169	40.6	53.1	6.3	1.2	0.0	583.5	559.1	582.3	542.3	.
United Arab Emirates	1435	1211	65.3	30.3	4.4	1.6	11.2	512.1	468.6	466.9	480.9	481.2
United States	495	475	58.9	38.8	2.3	0.4	3.6	543.1	518.5	513.1	477.9	526.0
Uzbekistan	168	156	69.6	21.9	8.5	5.2	2.0	411.0	412.4	407.5	424.3	420.6
International Avg. (58)	17865	15848	64.8	30.0	5.2	1.7	9.1	502.7	482.5	476.5	486.1	492.9
Ontario, Canada	286	235	57.3	39.0	3.6	3.5	11.8	534.7	512.0	542.5	541.0	514.7
Quebec, Canada	215	189	55.9	39.8	4.3	1.2	8.0	515.3	499.6	473.7	498.5	512.1
Abu Dhabi, UAE	553	464	64.2	32.5	3.2	2.0	11.4	456.9	432.2	445.3	402.0	436.0
Dubai, UAE	359	314	76.4	19.5	4.1	0.2	9.4	577.1	531.2	503.1	624.0	534.8
Sharjah, UAE	284	223	63.7	31.3	5.0	2.8	14.9	520.4	480.3	458.1	533.3	486.6

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 (ATBG13C)

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
Albania	123	94	59.7	34.0	6.3	3.7	17.7	489.7	489.4	464.4	466.8	507.0
Armenia	211	199	38.6	49.3	12.2	3.3	1.9	459.9	456.7	452.4	451.6	461.0
Australia	347	248	27.3	53.1	19.6	1.5	27.0	572.8	547.2	533.2	534.1	545.2
Azerbaijan	271	217	55.6	32.9	11.5	6.2	12.8	425.2	418.0	417.5	419.5	420.6
Bahrain	212	209	48.4	45.4	6.2	1.5	0.0	487.5	465.3	459.9	427.6	.
Belgium (Flemish)	278	215	44.1	51.7	4.2	0.4	19.7	500.6	484.8	473.4	489.0	477.0
Belgium (French)	344	290	11.9	60.9	27.2	0.4	14.9	503.6	484.7	470.0	528.0	466.6
Bosnia & Herzegovina	236	176	55.5	40.2	4.3	4.2	20.2	453.6	445.9	462.4	448.3	438.8
Brazil	1047	997	34.2	52.5	13.3	2.3	1.6	437.2	416.8	425.1	422.7	437.3
Bulgaria	208	206	66.8	28.0	5.2	0.0	1.0	539.5	513.4	491.6	.	515.0
Canada	917	805	22.3	65.1	12.5	2.1	9.4	536.1	520.1	504.3	522.4	515.2
Chile	178	164	22.4	49.9	27.7	0.0	7.1	490.9	481.5	468.1	.	471.0
Chinese Taipei	238	236	45.7	42.6	11.6	1.1	0.0	572.9	574.6	561.9	597.6	.
Cyprus	267	261	49.4	39.7	10.9	1.2	1.5	489.5	484.5	486.0	486.1	476.8
Czech Republic	344	337	66.8	31.7	1.4	0.9	1.1	527.0	524.0	517.9	517.4	525.8
Denmark	278	206	36.0	56.9	7.1	5.6	19.5	529.3	520.5	504.1	517.6	521.9
England	178	128	21.0	70.5	8.5	0.0	23.3	589.8	551.3	535.4	.	550.7
Finland	369	355	27.4	65.7	6.9	0.3	2.7	549.3	543.2	514.1	583.0	509.7
France	306	248	17.3	61.0	21.7	0.6	18.1	501.9	487.8	478.7	534.1	486.0
Georgia	218	214	35.3	50.1	14.7	2.0	0.0	473.2	461.0	463.5	431.1	.
Germany	243	209	39.9	53.0	7.1	0.6	13.5	531.5	507.6	479.2	515.5	517.8
Hong Kong SAR	182	122	43.7	53.8	2.5	0.3	31.3	562.1	525.6	528.5	619.1	552.3
Hungary	263	217	40.3	53.1	6.6	0.0	15.7	528.3	523.4	488.6	.	530.6
Iran, Islamic Rep. of	224	223	26.5	58.9	14.6	0.2	0.0	434.6	430.4	434.0	445.3	.
Ireland	239	237	34.7	55.6	9.7	1.1	0.4	542.4	531.1	507.1	460.2	537.9
Italy	266	261	41.7	42.3	16.0	0.9	0.7	508.7	512.2	510.3	526.0	504.4
Japan	142	137	70.4	28.1	1.5	2.3	1.6	557.2	548.3	580.3	537.3	568.6
Jordan	224	221	29.2	51.5	19.3	2.1	0.3	427.9	410.7	420.7	431.8	336.1
Kazakhstan	303	280	50.8	42.3	6.9	7.3	1.3	477.6	455.8	446.8	466.5	484.2
Korea, Rep. of	199	179	57.9	33.5	8.6	0.8	7.9	586.6	585.0	564.1	564.4	575.3
Kosovo	231	201	52.8	41.8	5.4	3.2	9.5	400.9	410.6	412.7	385.0	386.5
Kuwait	164	161	25.2	62.3	12.5	1.3	0.7	390.6	370.4	343.9	397.1	495.2
Latvia	213	204	34.8	59.9	5.3	0.9	3.8	525.5	527.7	520.9	491.8	508.2
Lithuania	250	244	27.7	56.6	15.7	1.3	0.5	540.0	538.5	524.4	542.1	572.4
Macao SAR	275	274	31.9	63.6	4.5	0.2	0.0	535.2	538.2	509.1	459.8	.
Montenegro	338	319	69.3	26.7	4.0	2.2	4.0	462.1	454.4	467.8	462.5	469.7
Morocco	303	275	13.6	61.1	25.3	0.3	5.9	406.8	387.1	394.5	421.0	366.6
Netherlands	188	119	57.5	40.3	2.2	1.5	32.9	523.4	511.6	452.9	502.0	517.3
New Zealand	396	210	22.9	62.7	14.3	0.9	45.2	550.6	520.0	496.7	536.0	508.5
North Macedonia	274	201	61.5	30.1	8.4	2.2	25.2	446.7	440.2	408.6	403.1	433.4
Norway (5)	314	209	32.9	57.9	9.2	4.0	26.6	535.5	533.0	527.3	532.7	522.7
Oman	287	273	29.7	54.6	15.7	2.0	2.6	436.5	433.0	421.2	440.0	442.7
Poland	267	263	53.0	43.2	3.8	1.1	0.7	554.0	546.8	526.3	535.5	572.0
Portugal	321	316	41.5	45.2	13.2	0.6	0.8	517.4	505.4	505.3	549.8	510.7
Qatar	283	275	29.3	60.8	10.0	1.2	2.3	476.2	473.4	439.5	441.2	543.2
Romania	188	122	45.7	43.4	10.8	2.8	34.2	541.8	525.7	528.9	507.8	514.4
Saudi Arabia	217	188	9.3	57.4	33.3	2.4	10.5	427.7	430.6	418.2	423.8	439.7
Serbia	213	212	45.2	48.2	6.6	0.5	0.0	513.1	506.1	516.9	484.7	.
Singapore	362	361	50.9	47.5	1.6	0.0	0.3	618.5	597.4	552.0	.	585.9
Slovak Republic	269	268	60.3	29.6	10.0	0.3	0.0	533.7	501.8	499.4	450.1	.
Slovenia	269	262	33.3	55.8	10.9	0.0	1.6	522.4	526.5	528.5	.	543.1
South Africa (5)	287	234	41.0	55.2	3.9	0.6	18.2	312.5	302.0	293.7	426.0	312.6
Spain	582	560	60.2	36.4	3.4	1.2	2.0	508.5	497.7	481.5	519.6	512.2
Sweden	250	204	46.7	50.0	3.3	2.6	14.5	534.7	533.5	518.0	515.4	529.4
Turkiye (5)	171	169	24.6	56.8	18.6	1.2	0.0	585.2	562.6	575.1	542.3	.
United Arab Emirates	1435	1210	42.3	48.9	8.8	1.6	11.2	522.6	478.6	475.7	481.8	481.2
United States	495	475	20.8	65.4	13.8	0.4	3.6	554.5	532.0	504.6	477.9	526.0
Uzbekistan	168	159	69.3	26.9	3.8	3.2	2.0	412.4	407.4	421.1	421.5	420.6
International Avg. (58)	17865	15859	40.6	49.0	10.4	1.6	9.2	503.0	491.3	481.2	486.4	492.9
Ontario, Canada	286	237	25.5	65.6	8.9	2.6	11.8	536.9	523.2	519.8	536.8	514.7
Quebec, Canada	215	189	19.8	64.6	15.6	1.2	8.0	508.3	511.5	488.1	498.5	512.1
Abu Dhabi, UAE	553	464	32.5	58.3	9.1	2.0	11.4	467.6	437.6	450.0	402.0	436.0
Dubai, UAE	359	314	53.7	37.3	8.9	0.2	9.4	582.0	552.1	517.9	624.0	534.8
Sharjah, UAE	284	223	47.3	44.8	8.0	2.8	14.9	518.5	494.9	478.0	533.3	486.6

Question: In your view, to what extent do the following limit how you teach this class? Students absent from class
 Location: TQG-13d (ATBG13D)

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
Albania	123	95	74.0	19.9	6.1	3.2	17.7	493.3	471.1	480.8	461.9	507.0
Armenia	211	198	21.0	58.0	20.9	3.1	1.9	462.4	457.3	453.5	446.5	461.0
Australia	347	248	19.0	55.7	25.3	1.5	27.0	576.0	550.2	535.8	534.1	545.2
Azerbaijan	271	217	31.0	42.9	26.1	6.1	12.8	423.1	419.5	425.7	415.4	420.6
Bahrain	212	209	36.8	57.9	5.3	1.1	0.0	472.7	480.2	453.8	379.6	.
Belgium (Flemish)	278	215	50.1	44.4	5.4	0.4	19.7	494.5	488.3	485.9	489.0	477.0
Belgium (French)	344	290	19.2	62.3	18.5	0.4	14.9	502.6	481.9	466.0	528.0	466.6
Bosnia & Herzegovina	236	177	40.0	54.2	5.8	3.7	20.2	456.7	446.7	452.0	445.9	438.8
Brazil	1047	990	29.8	49.4	20.8	2.6	1.6	439.9	416.9	422.9	418.7	437.3
Bulgaria	208	205	32.5	58.6	8.9	0.5	1.0	545.8	526.3	503.2	369.8	515.0
Canada	917	804	13.6	67.4	19.0	2.4	9.4	544.5	519.5	513.8	518.6	515.2
Chile	178	164	8.7	46.8	44.6	0.0	7.1	485.0	488.7	469.7	.	471.0
Chinese Taipei	238	235	46.4	40.3	13.3	1.7	0.0	574.6	572.4	564.4	587.8	.
Cyprus	267	262	26.8	48.7	24.5	0.3	1.5	493.5	485.1	484.1	491.1	476.8
Czech Republic	344	340	35.7	58.7	5.6	0.0	1.1	528.6	525.1	516.5	.	525.8
Denmark	278	206	37.4	56.2	6.4	5.6	19.5	525.2	520.8	521.2	517.6	521.9
England	178	128	19.0	70.1	10.9	0.0	23.3	578.9	557.4	525.3	.	550.7
Finland	369	355	31.0	62.8	6.2	0.3	2.7	551.3	540.4	524.8	583.0	509.7
France	306	248	30.0	53.0	17.0	0.6	18.1	499.9	483.2	483.4	534.1	486.0
Georgia	218	212	19.9	54.3	25.8	3.2	0.0	467.5	465.5	465.8	434.4	.
Germany	243	209	29.6	60.8	9.7	0.6	13.5	529.0	511.0	498.2	515.5	517.8
Hong Kong SAR	182	122	57.6	38.6	3.9	0.3	31.3	556.6	516.4	570.7	619.1	552.3
Hungary	263	215	30.5	54.0	15.5	1.0	15.7	531.9	528.5	488.7	499.6	530.6
Iran, Islamic Rep. of	224	223	17.6	53.2	29.2	0.2	0.0	429.5	434.4	429.4	445.3	.
Ireland	239	238	16.9	68.7	14.4	0.0	0.4	544.9	531.9	516.7	.	537.9
Italy	266	261	27.6	51.4	21.0	0.9	0.7	513.2	512.4	502.1	526.0	504.4
Japan	142	137	65.4	31.3	3.3	2.3	1.6	556.4	550.6	569.9	537.3	568.6
Jordan	224	221	24.2	56.5	19.3	2.1	0.3	434.4	404.3	435.7	431.8	336.1
Kazakhstan	303	282	39.3	48.3	12.4	6.5	1.3	466.3	472.0	448.3	458.8	484.2
Korea, Rep. of	199	179	56.8	35.1	8.1	0.8	7.9	589.4	576.1	581.5	564.4	575.3
Kosovo	231	202	30.2	65.7	4.0	2.9	9.5	405.3	405.8	400.6	386.2	386.5
Kuwait	164	163	20.1	67.1	12.7	0.0	0.7	387.6	373.8	341.5	.	495.2
Latvia	213	203	64.7	31.0	4.3	1.2	3.8	528.5	522.7	524.4	506.2	508.2
Lithuania	250	244	23.1	43.0	33.9	1.3	0.5	535.9	535.8	538.2	547.8	572.4
Macao SAR	275	274	58.2	39.3	2.5	0.2	0.0	541.3	529.7	510.1	459.8	.
Montenegro	338	321	37.8	52.3	9.9	1.5	4.0	462.2	460.8	449.5	465.6	469.7
Morocco	303	276	12.2	54.3	33.5	0.3	5.9	406.3	389.5	390.3	347.1	366.6
Netherlands	188	119	47.6	51.8	0.6	1.5	32.9	526.7	508.3	508.9	502.0	517.3
New Zealand	396	210	11.8	65.6	22.7	0.9	45.2	538.9	529.4	499.3	536.0	508.5
North Macedonia	274	199	35.9	49.3	14.8	2.8	25.2	464.2	427.1	437.7	400.0	433.4
Norway (5)	314	211	27.4	62.2	10.4	3.2	26.6	533.2	534.0	525.5	541.6	522.7
Oman	287	272	24.5	45.0	30.4	2.5	2.6	431.6	443.2	416.6	436.9	442.7
Poland	267	264	36.1	57.2	6.7	0.7	0.7	550.4	551.6	531.3	528.2	572.0
Portugal	321	316	46.0	38.5	15.5	0.6	0.8	517.1	504.2	505.7	549.8	510.7
Qatar	283	275	23.2	68.4	8.3	1.2	2.3	486.4	466.7	460.8	441.2	543.2
Romania	188	122	54.6	35.8	9.6	2.8	34.2	537.8	532.5	512.2	507.8	514.4
Saudi Arabia	217	188	8.5	46.1	45.3	2.4	10.5	425.1	436.3	416.1	423.8	439.7
Serbia	213	212	30.7	53.8	15.5	0.5	0.0	519.9	507.3	499.6	484.7	.
Singapore	362	361	43.3	51.6	5.1	0.0	0.3	630.8	593.2	552.4	.	585.9
Slovak Republic	269	267	33.1	54.7	12.1	0.6	0.0	536.5	515.6	502.2	469.4	.
Slovenia	269	261	33.2	50.4	16.4	0.4	1.6	526.3	524.8	524.6	549.5	543.1
South Africa (5)	287	238	10.1	83.5	6.4	0.0	17.8	364.6	304.6	258.2	.	309.3
Spain	582	561	53.7	40.5	5.8	0.9	2.0	507.7	500.1	493.7	508.9	512.2
Sweden	250	204	53.1	40.6	6.3	2.6	14.5	539.9	527.7	518.1	515.4	529.4
Turkiye (5)	171	169	36.7	51.6	11.7	1.2	0.0	579.9	565.8	561.4	542.3	.
United Arab Emirates	1435	1210	26.7	64.8	8.5	1.6	11.2	511.3	495.1	466.4	481.3	481.2
United States	495	475	10.2	67.4	22.4	0.4	3.6	555.4	534.2	518.5	477.9	526.0
Uzbekistan	168	159	52.6	32.0	15.4	3.2	2.0	411.2	413.1	408.4	421.5	420.6
International Avg. (58)	17865	15861	33.3	52.1	14.5	1.5	9.1	504.0	492.5	483.8	486.0	492.9
Ontario, Canada	286	237	9.2	70.5	20.3	2.6	11.8	543.8	525.4	521.8	536.8	514.7
Quebec, Canada	215	188	15.3	65.0	19.8	2.4	8.0	516.0	505.8	505.8	497.6	512.1
Abu Dhabi, UAE	553	464	24.7	68.0	7.3	2.0	11.4	458.8	447.3	424.4	402.0	436.0
Dubai, UAE	359	313	29.4	61.3	9.3	0.2	9.4	577.9	563.8	533.5	605.8	534.8
Sharjah, UAE	284	223	26.9	68.4	4.7	2.8	14.9	529.3	499.5	440.7	533.3	486.6

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students
 Location: TQG-13e (ATBG13E)

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
Albania	123	95	74.6	19.8	5.5	3.2	17.7	488.2	488.9	483.4	461.9	507.0
Armenia	211	200	31.0	48.2	20.8	2.5	1.9	464.1	453.9	456.1	446.3	461.0
Australia	347	248	18.8	48.2	32.9	1.5	27.0	566.9	556.2	535.7	534.1	545.2
Azerbaijan	271	216	34.4	42.5	23.1	6.5	12.8	421.4	423.0	424.7	407.7	420.6
Bahrain	212	210	40.7	47.3	12.0	0.9	0.0	493.5	469.4	442.7	360.4	.
Belgium (Flemish)	278	215	27.6	50.8	21.5	0.4	19.7	497.7	492.1	481.1	489.0	477.0
Belgium (French)	344	290	25.9	50.3	23.8	0.4	14.9	485.4	484.6	476.7	528.0	466.6
Bosnia & Herzegovina	236	177	46.0	44.5	9.6	3.7	20.2	448.8	453.2	451.5	445.9	438.8
Brazil	1047	992	34.7	48.5	16.9	2.4	1.6	431.4	419.0	428.1	424.6	437.3
Bulgaria	208	206	33.5	53.8	12.7	0.0	1.0	538.8	529.8	505.8	.	515.0
Canada	917	805	14.0	54.7	31.3	2.1	9.4	533.5	525.7	509.5	522.4	515.2
Chile	178	163	14.4	57.8	27.8	0.7	7.1	490.1	481.3	471.6	484.3	471.0
Chinese Taipei	238	236	15.4	46.7	38.0	1.1	0.0	576.6	570.7	572.7	597.6	.
Cyprus	267	262	22.1	44.1	33.8	0.3	1.5	486.2	488.9	485.4	491.1	476.8
Czech Republic	344	338	32.1	60.0	7.9	0.6	1.1	532.4	522.9	522.5	515.6	525.8
Denmark	278	206	19.2	51.4	29.4	5.6	19.5	531.1	526.0	510.8	517.6	521.9
England	178	128	42.2	44.9	12.8	0.0	23.3	567.2	553.0	545.3	.	550.7
Finland	369	355	32.8	48.5	18.7	0.3	2.7	553.2	542.0	527.0	583.0	509.7
France	306	248	25.0	42.2	32.8	0.6	18.1	499.8	487.8	480.0	534.1	486.0
Georgia	218	213	40.4	42.9	16.7	2.7	0.0	467.8	465.7	460.5	438.8	.
Germany	243	209	18.8	60.1	21.1	0.6	13.5	528.8	520.1	488.7	515.5	517.8
Hong Kong SAR	182	122	45.4	43.7	10.9	0.3	31.3	543.4	540.2	539.8	619.1	552.3
Hungary	263	217	42.5	38.7	18.9	0.0	15.7	529.8	523.5	507.1	.	530.6
Iran, Islamic Rep. of	224	223	31.8	49.6	18.6	0.2	0.0	435.6	429.4	433.1	445.3	.
Ireland	239	238	39.1	47.6	13.4	0.0	0.4	541.1	528.9	515.7	.	537.9
Italy	266	261	32.9	42.2	24.9	0.9	0.7	509.7	512.6	507.8	526.0	504.4
Japan	142	137	65.9	30.4	3.6	2.3	1.6	557.1	550.2	557.0	537.3	568.6
Jordan	224	220	18.4	53.9	27.8	2.6	0.3	433.2	412.9	415.4	441.4	336.1
Kazakhstan	303	282	44.5	45.4	10.1	6.6	1.3	467.9	469.8	448.5	459.5	484.2
Korea, Rep. of	199	178	16.9	44.8	38.3	1.3	7.9	586.7	590.0	576.9	550.4	575.3
Kosovo	231	202	34.9	61.0	4.1	2.9	9.5	406.5	403.8	421.1	386.2	386.5
Kuwait	164	162	30.5	53.9	15.6	0.7	0.7	384.5	369.0	357.8	444.1	495.2
Latvia	213	205	28.0	59.3	12.7	0.3	3.8	531.6	526.7	513.2	490.1	508.2
Lithuania	250	244	18.6	38.2	43.2	1.4	0.5	543.6	531.4	538.2	548.6	572.4
Macao SAR	275	274	33.4	60.8	5.8	0.2	0.0	541.3	535.2	513.3	459.8	.
Montenegro	338	320	53.3	38.9	7.8	2.1	4.0	462.5	458.5	456.1	453.2	469.7
Morocco	303	275	24.6	43.5	31.9	1.4	5.9	405.4	395.6	370.6	507.4	366.6
Netherlands	188	119	34.0	52.1	13.9	1.5	32.9	524.0	518.0	496.6	502.0	517.3
New Zealand	396	210	18.5	58.4	23.1	0.9	45.2	542.1	520.6	516.7	536.0	508.5
North Macedonia	274	199	42.1	47.4	10.5	2.8	25.2	447.8	434.0	455.6	397.2	433.4
Norway (5)	314	212	14.9	51.2	33.9	3.1	26.6	537.1	535.8	526.6	541.9	522.7
Oman	287	272	21.5	45.5	33.0	2.5	2.6	432.5	441.9	417.4	453.7	442.7
Poland	267	264	31.8	49.6	18.5	0.7	0.7	550.4	553.7	538.5	528.2	572.0
Portugal	321	316	31.5	45.9	22.5	0.6	0.8	518.2	508.9	502.4	549.8	510.7
Qatar	283	274	39.4	53.3	7.4	1.7	2.3	484.5	464.3	447.1	439.4	543.2
Romania	188	121	33.7	55.0	11.3	3.5	34.2	538.1	532.6	527.5	504.6	514.4
Saudi Arabia	217	188	11.8	56.0	32.2	2.4	10.5	437.6	425.0	424.1	423.8	439.7
Serbia	213	212	46.7	39.6	13.7	0.5	0.0	512.4	507.9	507.7	484.7	.
Singapore	362	361	30.9	60.0	9.1	0.0	0.3	616.5	605.0	592.6	.	585.9
Slovak Republic	269	267	38.1	38.4	23.5	0.6	0.0	535.1	516.6	503.9	512.0	.
Slovenia	269	262	12.8	39.9	47.3	0.0	1.6	528.7	524.7	525.0	.	543.1
South Africa (5)	287	236	12.3	64.8	23.0	0.5	17.8	314.7	307.8	304.1	279.2	309.3
Spain	582	561	48.7	41.6	9.8	0.9	2.0	509.1	499.9	494.2	508.9	512.2
Sweden	250	204	30.5	50.8	18.7	2.6	14.5	536.1	536.2	522.2	515.4	529.4
Turkiye (5)	171	169	17.4	58.8	23.8	1.2	0.0	584.2	573.8	552.2	542.3	.
United Arab Emirates	1435	1209	34.4	54.9	10.7	1.7	11.2	526.2	490.1	438.9	477.8	481.2
United States	495	474	13.8	60.0	26.2	0.8	3.6	539.6	537.7	520.2	450.7	526.0
Uzbekistan	168	157	50.0	36.5	13.5	4.8	2.0	411.8	408.1	414.4	428.7	420.6
International Avg. (58)	17865	15859	31.4	48.6	20.0	1.6	9.1	501.9	494.4	485.5	485.4	492.9
Ontario, Canada	286	237	15.2	51.6	33.3	2.6	11.8	540.0	530.5	513.7	536.8	514.7
Quebec, Canada	215	189	13.5	54.6	31.9	1.2	8.0	516.2	508.9	500.6	498.5	512.1
Abu Dhabi, UAE	553	464	29.4	56.4	14.2	2.0	11.4	481.1	444.3	397.6	402.0	436.0
Dubai, UAE	359	313	41.8	49.5	8.8	0.4	9.4	581.8	560.3	517.9	503.9	534.8
Sharjah, UAE	284	223	37.5	57.3	5.2	2.8	14.9	522.9	496.6	463.1	533.3	486.6

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students
Location: TQG-13f (ATBG13F)

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
Albania	123	95	55.3	39.5	5.3	3.2	17.7	488.3	488.0	487.1	461.9	507.0
Armenia	211	198	12.9	65.1	22.0	3.2	1.9	461.2	454.7	462.2	457.0	461.0
Australia	347	248	29.7	52.4	17.9	1.5	27.0	567.5	548.7	533.1	534.1	545.2
Azerbaijan	271	221	23.8	58.2	18.0	4.1	12.8	426.7	424.0	411.3	410.0	420.6
Bahrain	212	209	33.4	54.9	11.7	1.5	0.0	503.1	468.7	440.3	351.7	.
Belgium (Flemish)	278	215	33.9	53.5	12.6	0.4	19.7	506.0	486.3	472.9	489.0	477.0
Belgium (French)	344	290	9.6	66.6	23.8	0.4	14.9	502.1	483.7	473.1	528.0	466.6
Bosnia & Herzegovina	236	175	27.1	61.7	11.2	4.4	20.2	462.5	444.1	461.3	446.3	438.8
Brazil	1047	996	14.0	61.7	24.3	2.7	1.6	449.1	422.1	417.2	429.8	437.3
Bulgaria	208	206	25.5	62.0	12.5	0.0	1.0	570.8	518.0	504.1	.	515.0
Canada	917	805	18.0	68.7	13.3	2.1	9.4	527.2	523.3	506.4	522.4	515.2
Chile	178	164	21.4	67.9	10.7	0.0	7.1	488.8	480.3	459.2	.	471.0
Chinese Taipei	238	236	16.5	58.6	25.0	1.1	0.0	582.6	570.1	570.7	597.6	.
Cyprus	267	262	22.1	48.3	29.6	0.3	1.5	492.5	487.4	482.6	491.1	476.8
Czech Republic	344	338	42.6	54.3	3.1	0.6	1.1	534.6	519.1	525.3	515.6	525.8
Denmark	278	206	34.6	53.2	12.2	5.6	19.5	531.8	520.6	504.4	517.6	521.9
England	178	128	36.2	55.6	8.2	0.0	23.3	573.1	552.2	530.9	.	550.7
Finland	369	355	27.5	65.9	6.5	0.3	2.7	551.9	542.4	508.9	583.0	509.7
France	306	248	15.5	54.3	30.2	0.6	18.1	501.5	492.4	474.1	534.1	486.0
Georgia	218	211	27.9	60.4	11.7	3.6	0.0	462.4	467.7	461.4	451.5	.
Germany	243	209	23.8	62.1	14.1	0.6	13.5	530.7	514.6	491.3	515.5	517.8
Hong Kong SAR	182	121	31.1	61.9	6.9	0.8	31.3	547.9	541.6	518.7	548.1	552.3
Hungary	263	216	37.7	51.6	10.7	0.3	15.7	537.6	520.3	487.5	450.8	530.6
Iran, Islamic Rep. of	224	223	23.5	59.1	17.4	0.2	0.0	430.1	430.9	438.8	445.3	.
Ireland	239	237	23.2	69.6	7.3	0.2	0.4	538.5	531.1	518.9	513.5	537.9
Italy	266	261	23.5	55.0	21.5	0.9	0.7	512.9	510.8	507.0	526.0	504.4
Japan	142	137	57.8	39.2	3.0	2.3	1.6	557.5	552.8	537.5	537.3	568.6
Jordan	224	220	15.9	58.0	26.2	2.2	0.3	442.4	416.0	406.3	431.9	336.1
Kazakhstan	303	283	39.1	52.1	8.8	6.4	1.3	471.9	465.6	452.9	457.2	484.2
Korea, Rep. of	199	179	18.1	60.6	21.3	0.8	7.9	591.3	585.4	574.4	564.4	575.3
Kosovo	231	201	31.8	66.2	2.0	2.9	9.5	403.3	405.6	440.1	384.2	386.5
Kuwait	164	163	25.3	67.8	6.9	0.0	0.7	388.8	373.1	307.0	.	495.2
Latvia	213	205	25.2	68.6	6.2	0.3	3.8	529.3	526.4	513.8	490.1	508.2
Lithuania	250	245	13.2	57.5	29.4	0.9	0.5	542.8	535.7	535.6	555.5	572.4
Macao SAR	275	274	17.6	77.0	5.4	0.2	0.0	533.4	538.4	509.1	459.8	.
Montenegro	338	321	23.3	62.7	14.0	1.5	4.0	459.9	462.4	451.0	465.6	469.7
Morocco	303	274	15.3	44.4	40.3	1.2	5.9	417.3	400.1	370.6	457.8	366.6
Netherlands	188	119	36.2	57.5	6.2	1.5	32.9	524.2	515.3	492.1	502.0	517.3
New Zealand	396	210	27.8	63.2	9.0	0.9	45.2	527.7	522.6	518.7	536.0	508.5
North Macedonia	274	202	26.1	61.5	12.5	1.9	25.2	441.4	442.1	439.3	396.5	433.4
Norway (5)	314	212	15.4	65.2	19.4	3.1	26.6	534.2	533.7	529.0	541.9	522.7
Oman	287	273	20.6	50.2	29.2	2.0	2.6	437.5	435.9	422.1	440.0	442.7
Poland	267	264	34.6	60.1	5.3	0.7	0.7	553.7	549.8	524.3	528.2	572.0
Portugal	321	314	24.9	56.9	18.2	1.2	0.8	523.5	508.6	498.1	526.4	510.7
Qatar	283	275	26.3	66.9	6.8	1.2	2.3	503.0	461.7	436.2	441.2	543.2
Romania	188	122	22.8	61.7	15.5	2.8	34.2	548.0	530.0	525.5	507.8	514.4
Saudi Arabia	217	187	12.1	54.8	33.1	2.8	10.5	426.6	428.6	421.9	425.7	439.7
Serbia	213	212	19.0	66.4	14.6	0.5	0.0	512.2	510.0	506.9	484.7	.
Singapore	362	361	26.5	66.4	7.1	0.0	0.3	623.6	603.0	588.4	.	585.9
Slovak Republic	269	267	20.0	58.2	21.7	0.6	0.0	538.7	522.3	500.4	479.4	.
Slovenia	269	262	15.1	57.4	27.5	0.0	1.6	527.9	526.8	521.1	.	543.1
South Africa (5)	287	236	15.8	67.5	16.7	0.6	17.8	291.4	316.4	290.2	249.9	309.3
Spain	582	561	19.9	66.4	13.7	0.9	2.0	510.1	507.0	479.4	508.9	512.2
Sweden	250	204	34.3	56.6	9.1	2.6	14.5	539.7	533.5	511.3	515.4	529.4
Turkiye (5)	171	169	10.0	61.4	28.6	1.2	0.0	607.8	569.6	559.4	542.3	.
United Arab Emirates	1435	1209	35.3	56.6	8.2	1.8	11.2	531.3	482.4	449.2	484.0	481.2
United States	495	475	12.9	70.1	17.0	0.4	3.6	545.4	534.9	515.0	477.9	526.0
Uzbekistan	168	158	48.9	39.4	11.7	4.0	2.0	413.7	407.1	415.3	420.9	420.6
International Avg. (58)	17865	15867	25.5	59.3	15.2	1.5	9.1	504.8	493.9	480.9	483.3	492.9
Ontario, Canada	286	237	15.5	70.0	14.6	2.6	11.8	531.6	527.8	513.8	536.8	514.7
Quebec, Canada	215	189	20.4	66.4	13.3	1.2	8.0	511.1	509.0	492.2	498.5	512.1
Abu Dhabi, UAE	553	464	29.0	61.1	9.9	2.0	11.4	491.4	435.7	401.8	402.0	436.0
Dubai, UAE	359	312	42.6	50.1	7.4	0.9	9.4	585.6	553.7	530.1	535.2	534.8
Sharjah, UAE	284	223	40.4	55.9	3.7	2.8	14.9	528.2	491.2	453.3	533.3	486.6

Question: In your view, to what extent do the following limit how you teach this class? Distracted students
 Location: TQG-13g (ATBG13G)

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
Albania	123	94	33.8	59.4	6.7	4.0	17.7	497.9	481.1	488.8	482.3	507.0
Armenia	211	195	33.4	47.2	19.4	3.9	1.9	460.1	455.6	457.0	454.0	461.0
Australia	347	247	12.7	59.4	28.0	1.7	27.0	574.1	554.1	536.1	530.9	545.2
Azerbaijan	271	217	17.8	68.4	13.9	6.3	12.8	425.4	422.5	421.4	407.7	420.6
Bahrain	212	208	29.3	60.1	10.6	1.6	0.0	492.9	473.1	444.8	419.7	.
Belgium (Flemish)	278	215	3.3	68.2	28.5	0.4	19.7	505.3	495.5	479.6	489.0	477.0
Belgium (French)	344	289	0.6	55.0	44.4	0.6	14.9	521.4	487.1	477.7	490.2	466.6
Bosnia & Herzegovina	236	177	40.2	49.9	9.8	3.7	20.2	453.4	449.0	451.3	445.9	438.8
Brazil	1047	990	10.4	68.7	20.9	2.8	1.6	447.1	421.8	424.3	421.4	437.3
Bulgaria	208	204	10.4	77.3	12.3	1.3	1.0	567.6	527.1	517.6	495.7	515.0
Canada	917	803	3.5	61.7	34.8	2.4	9.4	521.9	526.9	512.7	520.2	515.2
Chile	178	164	7.2	55.8	37.0	0.0	7.1	489.7	482.8	473.5	.	471.0
Chinese Taipei	238	236	10.3	62.0	27.7	1.1	0.0	581.0	570.8	572.5	597.6	.
Cyprus	267	262	7.5	61.2	31.3	0.3	1.5	495.6	490.4	478.7	491.1	476.8
Czech Republic	344	337	13.7	75.5	10.8	0.6	1.1	526.7	527.0	516.5	522.7	525.8
Denmark	278	205	20.5	63.9	15.6	5.9	19.5	538.6	521.0	507.2	518.3	521.9
England	178	128	15.4	70.6	14.1	0.0	23.3	582.1	555.2	545.8	.	550.7
Finland	369	355	14.9	61.3	23.8	0.3	2.7	555.0	545.4	528.7	583.0	509.7
France	306	248	6.3	55.2	38.5	0.6	18.1	488.6	492.8	481.6	534.1	486.0
Georgia	218	213	16.1	70.1	13.8	2.7	0.0	467.7	465.2	465.6	438.8	.
Germany	243	209	5.0	71.4	23.5	0.6	13.5	529.6	520.7	495.1	515.5	517.8
Hong Kong SAR	182	121	10.3	72.4	17.4	0.9	31.3	566.4	544.5	517.5	539.6	552.3
Hungary	263	217	19.2	66.1	14.7	0.0	15.7	534.0	529.7	479.1	.	530.6
Iran, Islamic Rep. of	224	223	10.2	69.7	20.1	0.2	0.0	423.0	426.5	456.0	445.3	.
Ireland	239	238	8.9	76.9	14.3	0.0	0.4	546.0	532.2	521.5	.	537.9
Italy	266	261	8.7	64.7	26.6	0.9	0.7	507.4	512.4	506.8	526.0	504.4
Japan	142	137	39.0	57.9	3.0	2.3	1.6	561.5	550.5	558.2	537.3	568.6
Jordan	224	221	18.1	63.1	18.7	2.1	0.3	442.4	409.1	422.4	431.8	336.1
Kazakhstan	303	279	38.1	56.7	5.1	7.3	1.3	463.2	469.3	471.1	456.4	484.2
Korea, Rep. of	199	179	3.8	60.5	35.7	0.8	7.9	603.1	587.9	575.6	564.4	575.3
Kosovo	231	200	22.4	73.6	4.0	3.3	9.5	401.6	405.4	427.5	389.3	386.5
Kuwait	164	161	23.6	68.3	8.0	1.1	0.7	371.2	374.5	351.7	423.4	495.2
Latvia	213	205	8.3	81.4	10.2	0.3	3.8	531.5	527.4	513.5	490.1	508.2
Lithuania	250	245	11.2	62.5	26.3	0.9	0.5	552.7	534.1	535.6	555.5	572.4
Macao SAR	275	273	3.6	88.6	7.8	0.2	0.0	531.4	537.4	521.6	467.3	.
Montenegro	338	319	25.4	62.3	12.3	2.1	4.0	460.9	460.9	457.0	453.4	469.7
Morocco	303	274	13.2	54.4	32.4	1.4	5.9	406.7	397.9	370.0	504.6	366.6
Netherlands	188	119	12.0	65.0	23.0	1.5	32.9	527.9	523.2	494.0	502.0	517.3
New Zealand	396	210	7.8	74.8	17.5	0.9	45.2	521.3	525.2	518.2	536.0	508.5
North Macedonia	274	196	24.6	66.1	9.4	3.4	25.2	437.0	445.7	421.9	421.3	433.4
Norway (5)	314	212	5.3	71.2	23.5	3.1	26.6	544.3	532.0	532.9	541.9	522.7
Oman	287	269	15.1	59.2	25.8	3.7	2.6	443.0	439.1	413.3	415.1	442.7
Poland	267	263	15.9	65.6	18.5	1.0	0.7	551.4	554.1	533.3	532.9	572.0
Portugal	321	316	4.1	65.8	30.1	0.6	0.8	525.0	512.7	503.3	549.8	510.7
Qatar	283	271	20.3	71.3	8.5	2.6	2.3	488.8	470.7	430.2	453.9	543.2
Romania	188	122	19.0	67.0	14.0	2.8	34.2	549.1	530.8	524.6	507.8	514.4
Saudi Arabia	217	185	11.0	56.1	32.9	3.7	10.5	430.7	428.5	421.3	421.4	439.7
Serbia	213	211	23.6	60.3	16.1	1.1	0.0	514.8	508.7	508.8	484.3	.
Singapore	362	361	10.7	79.7	9.6	0.0	0.3	611.5	609.8	583.4	.	585.9
Slovak Republic	269	268	8.4	68.9	22.7	0.3	0.0	539.4	525.7	499.0	450.1	.
Slovenia	269	262	20.1	64.0	16.0	0.0	1.6	530.0	525.5	519.1	.	543.1
South Africa (5)	287	236	12.8	72.5	14.7	0.3	17.8	236.6	319.6	312.7	231.7	309.3
Spain	582	560	8.5	66.7	24.7	1.0	2.0	502.6	508.4	492.1	506.9	512.2
Sweden	250	204	17.8	64.6	17.7	2.6	14.5	539.3	538.0	511.5	515.4	529.4
Turkiye (5)	171	168	5.2	68.0	26.8	2.1	0.0	617.7	569.4	562.5	572.2	.
United Arab Emirates	1435	1210	23.0	69.4	7.6	1.7	11.2	533.3	490.4	445.5	487.2	481.2
United States	495	474	2.5	67.7	29.9	0.8	3.6	530.6	536.3	527.0	450.7	526.0
Uzbekistan	168	158	35.2	51.7	13.2	4.1	2.0	407.5	413.0	415.1	419.8	420.6
International Avg. (58)	17865	15824	15.2	65.5	19.4	1.8	9.1	503.6	496.1	485.0	483.5	492.9
Ontario, Canada	286	237	3.0	66.1	30.9	2.6	11.8	515.4	532.1	515.2	536.8	514.7
Quebec, Canada	215	188	2.7	52.7	44.6	2.2	8.0	470.7	513.3	502.2	502.8	512.1
Abu Dhabi, UAE	553	464	15.8	74.1	10.0	2.0	11.4	495.8	443.5	410.8	402.0	436.0
Dubai, UAE	359	313	30.0	64.0	6.0	0.5	9.4	586.5	560.4	507.1	608.3	534.8
Sharjah, UAE	284	223	26.7	68.8	4.5	2.8	14.9	521.2	500.9	465.4	533.3	486.6

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 (ATBG13H)

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
Albania	123	95	69.0	20.2	10.8	3.2	17.7	489.6	490.8	473.1	461.9	507.0
Armenia	211	193	28.8	56.8	14.4	6.4	1.9	463.8	454.7	451.8	461.7	461.0
Australia	347	248	21.9	59.4	18.7	1.5	27.0	562.6	552.8	534.0	534.1	545.2
Azerbaijan	271	214	45.0	33.6	21.3	7.2	12.8	423.6	426.4	421.0	397.1	420.6
Bahrain	212	210	60.7	36.5	2.8	0.9	0.0	488.0	453.8	504.9	360.4	.
Belgium (Flemish)	278	214	29.5	58.0	12.5	0.6	19.7	496.0	491.0	480.9	497.6	477.0
Belgium (French)	344	288	33.1	53.0	13.9	0.8	14.9	490.8	484.5	459.9	481.6	466.6
Bosnia & Herzegovina	236	177	46.1	43.5	10.4	3.4	20.2	453.9	447.4	455.7	439.4	438.8
Brazil	1047	992	34.5	57.1	8.5	2.7	1.6	441.3	416.4	414.6	423.2	437.3
Bulgaria	208	206	33.0	55.5	11.4	0.0	1.0	547.4	520.6	523.1	.	515.0
Canada	917	802	22.9	63.9	13.2	2.5	9.4	529.8	519.5	517.9	524.5	515.2
Chile	178	164	22.6	56.6	20.8	0.0	7.1	483.9	483.0	467.0	.	471.0
Chinese Taipei	238	236	29.5	50.3	20.2	1.1	0.0	573.4	573.4	568.2	597.6	.
Cyprus	267	262	22.9	53.7	23.4	0.3	1.5	495.3	485.2	483.5	491.1	476.8
Czech Republic	344	338	68.9	28.6	2.5	0.6	1.1	532.3	510.7	524.4	515.6	525.8
Denmark	278	206	37.1	53.0	9.9	5.6	19.5	532.3	519.1	504.0	517.6	521.9
England	178	127	20.2	70.7	9.1	0.4	23.3	582.6	552.3	548.6	551.0	550.7
Finland	369	354	39.8	50.7	9.5	0.3	2.7	549.3	542.6	518.0	553.5	509.7
France	306	248	39.4	46.0	14.6	0.6	18.1	492.7	484.1	489.2	534.1	486.0
Georgia	218	211	33.6	54.1	12.3	3.4	0.0	468.0	465.5	460.2	444.1	.
Germany	243	208	48.5	41.1	10.4	1.0	13.5	526.2	512.2	474.0	520.5	517.8
Hong Kong SAR	182	122	45.4	48.2	6.4	0.3	31.3	564.1	521.6	532.7	619.1	552.3
Hungary	263	217	37.0	47.2	15.8	0.0	15.7	535.1	521.1	500.7	.	530.6
Iran, Islamic Rep. of	224	223	28.6	51.1	20.3	0.2	0.0	428.7	429.4	443.5	445.3	.
Ireland	239	238	33.5	56.1	10.4	0.0	0.4	545.9	525.3	522.1	.	537.9
Italy	266	261	30.9	56.1	13.0	0.9	0.7	510.1	512.8	501.0	526.0	504.4
Japan	142	137	64.4	29.9	5.7	2.3	1.6	555.9	551.4	564.0	537.3	568.6
Jordan	224	221	46.2	41.7	12.2	2.1	0.3	430.0	398.2	437.3	431.8	336.1
Kazakhstan	303	280	49.5	38.8	11.7	7.6	1.3	464.9	472.2	463.4	451.0	484.2
Korea, Rep. of	199	179	27.0	44.5	28.4	0.8	7.9	592.4	581.7	579.9	564.4	575.3
Kosovo	231	201	68.1	30.4	1.5	3.5	9.5	404.8	407.3	414.4	384.6	386.5
Kuwait	164	162	52.9	42.7	4.3	0.4	0.7	375.7	370.8	344.4	431.3	495.2
Latvia	213	204	34.5	54.4	11.1	0.9	3.8	534.7	522.1	523.2	491.8	508.2
Lithuania	250	244	19.1	47.8	33.1	1.0	0.5	548.5	531.0	537.9	550.1	572.4
Macao SAR	275	274	37.6	61.0	1.4	0.2	0.0	537.2	535.4	527.0	459.8	.
Montenegro	338	321	43.4	45.3	11.4	1.5	4.0	456.6	463.9	459.1	465.6	469.7
Morocco	303	266	31.1	40.4	28.5	3.4	5.9	414.5	379.3	383.5	398.6	366.6
Netherlands	188	119	41.3	54.8	3.9	1.5	32.9	517.8	517.2	507.9	502.0	517.3
New Zealand	396	210	20.2	64.6	15.2	0.9	45.2	527.7	522.4	523.7	536.0	508.5
North Macedonia	274	199	56.7	34.5	8.8	2.6	25.2	440.0	441.9	455.7	395.5	433.4
Norway (5)	314	212	40.5	47.4	12.1	3.1	26.6	535.8	530.9	530.7	541.9	522.7
Oman	287	270	25.8	38.3	35.8	3.4	2.6	452.7	433.3	415.7	442.2	442.7
Poland	267	264	52.4	37.2	10.4	0.7	0.7	553.8	544.7	548.1	528.2	572.0
Portugal	321	316	29.2	52.3	18.4	0.6	0.8	513.3	509.1	509.3	549.8	510.7
Qatar	283	273	63.8	31.7	4.5	1.6	2.3	473.6	470.1	439.8	442.6	543.2
Romania	188	121	49.6	40.4	10.1	3.1	34.2	543.6	522.0	531.5	505.9	514.4
Saudi Arabia	217	187	28.4	41.2	30.4	2.7	10.5	427.7	423.9	426.4	438.8	439.7
Serbia	213	211	30.0	54.9	15.1	1.2	0.0	519.2	503.7	514.3	500.8	.
Singapore	362	361	56.5	41.8	1.7	0.0	0.3	616.7	595.4	593.3	.	585.9
Slovak Republic	269	268	41.5	39.2	19.3	0.3	0.0	532.5	516.9	503.4	450.1	.
Slovenia	269	262	25.4	52.7	22.0	0.0	1.6	525.5	526.0	523.7	.	543.1
South Africa (5)	287	234	25.3	63.5	11.2	0.3	17.8	319.0	303.2	307.7	285.6	309.3
Spain	582	560	42.7	50.1	7.2	1.4	2.0	509.6	501.2	487.0	513.8	512.2
Sweden	250	204	25.6	61.5	12.9	2.6	14.5	536.9	534.3	523.4	515.4	529.4
Turkiye (5)	171	168	32.9	53.6	13.5	1.7	0.0	584.2	568.0	546.2	553.0	.
United Arab Emirates	1435	1210	53.5	41.6	4.9	1.7	11.2	514.0	480.6	449.8	483.0	481.2
United States	495	474	20.0	67.8	12.2	0.8	3.6	555.9	529.5	517.9	450.7	526.0
Uzbekistan	168	158	56.9	23.2	19.9	3.9	2.0	409.4	417.3	411.1	415.2	420.6
International Avg. (58)	17865	15824	38.9	47.8	13.4	1.8	9.1	502.3	491.4	487.5	483.0	492.9
Ontario, Canada	286	235	17.5	64.3	18.3	3.4	11.8	537.1	523.8	524.6	537.4	514.7
Quebec, Canada	215	189	35.8	56.8	7.4	1.2	8.0	509.5	505.6	509.2	498.5	512.1
Abu Dhabi, UAE	553	464	50.8	43.2	5.9	2.0	11.4	468.3	429.5	417.4	402.0	436.0
Dubai, UAE	359	314	56.1	39.6	4.3	0.2	9.4	578.8	551.2	514.8	624.0	534.8
Sharjah, UAE	284	222	53.2	45.0	1.8	3.0	14.9	521.5	485.9	472.0	535.0	486.6

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 (ATBG13i)

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
Albania	123	95	59.6	31.9	8.5	3.2	17.7	491.2	483.7	483.1	461.9	507.0
Armenia	211	191	58.1	36.5	5.4	5.4	1.9	458.5	455.9	461.7	448.7	461.0
Australia	347	248	44.6	47.0	8.5	1.5	27.0	557.6	547.1	543.5	534.1	545.2
Azerbaijan	271	215	53.3	36.4	10.3	6.5	12.8	424.9	422.9	412.0	408.3	420.6
Bahrain	212	209	63.0	34.0	3.0	1.0	0.0	478.6	471.8	465.8	385.9	.
Belgium (Flemish)	278	213	34.9	49.6	15.5	1.3	19.7	502.5	491.4	466.4	483.3	477.0
Belgium (French)	344	289	39.3	43.2	17.5	0.6	14.9	501.5	477.7	454.7	502.1	466.6
Bosnia & Herzegovina	236	177	64.0	27.9	8.1	3.7	20.2	451.5	447.9	457.8	445.9	438.8
Brazil	1047	990	53.3	39.4	7.2	2.6	1.6	432.8	416.9	409.6	425.0	437.3
Bulgaria	208	206	64.1	26.2	9.7	0.0	1.0	551.9	502.3	456.9	.	515.0
Canada	917	805	43.1	48.2	8.8	2.1	9.4	528.2	518.9	505.3	522.4	515.2
Chile	178	164	68.6	21.4	10.0	0.0	7.1	483.7	476.1	461.7	.	471.0
Chinese Taipei	238	236	37.5	48.4	14.1	1.1	0.0	575.8	571.6	565.7	597.6	.
Cyprus	267	262	35.0	39.3	25.7	0.3	1.5	501.9	484.3	471.4	491.1	476.8
Czech Republic	344	337	63.7	34.3	1.9	1.0	1.1	525.2	527.7	511.7	529.6	525.8
Denmark	278	206	68.5	27.0	4.5	5.6	19.5	527.2	511.9	514.0	517.6	521.9
England	178	128	65.6	29.1	5.3	0.0	23.3	567.8	541.7	526.4	.	550.7
Finland	369	354	61.4	31.5	7.0	0.6	2.7	556.0	527.9	494.2	565.5	509.7
France	306	248	54.7	33.6	11.7	0.6	18.1	493.1	481.3	485.6	534.1	486.0
Georgia	218	211	47.7	38.0	14.3	3.3	0.0	464.9	464.6	469.4	450.6	.
Germany	243	209	44.1	44.7	11.2	0.6	13.5	531.3	508.5	477.9	515.5	517.8
Hong Kong SAR	182	122	66.8	30.9	2.3	0.3	31.3	557.8	506.9	537.9	619.1	552.3
Hungary	263	216	67.3	28.0	4.8	0.4	15.7	526.1	519.0	502.2	537.4	530.6
Iran, Islamic Rep. of	224	222	39.1	44.5	16.4	0.7	0.0	434.7	429.1	436.1	385.4	.
Ireland	239	238	35.2	59.6	5.2	0.0	0.4	543.0	526.2	522.3	.	537.9
Italy	266	261	35.7	50.7	13.6	0.9	0.7	511.4	511.9	502.7	526.0	504.4
Japan	142	138	73.3	25.3	1.4	1.6	1.6	555.0	552.4	587.5	543.5	568.6
Jordan	224	221	31.5	54.4	14.1	2.1	0.3	435.4	398.0	453.9	431.8	336.1
Kazakhstan	303	282	54.5	37.7	7.8	6.5	1.3	474.9	454.5	469.7	458.8	484.2
Korea, Rep. of	199	179	55.5	28.9	15.7	0.8	7.9	590.2	574.7	579.8	564.4	575.3
Kosovo	231	202	59.7	38.9	1.4	2.9	9.5	406.0	402.7	458.9	386.2	386.5
Kuwait	164	162	51.1	42.1	6.8	0.4	0.7	370.5	376.9	356.4	431.3	495.2
Latvia	213	205	24.4	63.5	12.1	0.3	3.8	537.8	524.4	513.3	490.1	508.2
Lithuania	250	242	35.3	37.0	27.7	2.2	0.5	543.6	528.2	540.2	527.7	572.4
Macao SAR	275	274	37.6	58.6	3.8	0.2	0.0	549.6	528.9	509.1	459.8	.
Montenegro	338	322	45.9	40.7	13.5	0.7	4.0	464.2	456.9	459.2	424.7	469.7
Morocco	303	273	11.5	49.7	38.7	1.1	5.9	401.9	394.5	382.9	467.8	366.6
Netherlands	188	119	48.2	44.8	7.0	1.5	32.9	529.4	509.0	483.4	502.0	517.3
New Zealand	396	209	37.1	57.4	5.5	1.0	45.2	523.8	523.5	524.9	533.9	508.5
North Macedonia	274	198	59.6	31.4	8.9	3.3	25.2	448.3	423.2	458.7	419.9	433.4
Norway (5)	211	211	39.5	53.5	7.0	3.2	26.6	538.3	530.8	518.1	541.6	522.7
Oman	287	273	27.4	38.1	34.6	2.0	2.6	437.7	438.0	421.5	440.0	442.7
Poland	267	264	59.3	37.9	2.7	0.7	0.7	548.3	551.8	555.4	528.2	572.0
Portugal	321	316	38.0	50.1	11.8	0.6	0.8	513.0	508.8	508.8	549.8	510.7
Qatar	283	273	43.9	48.6	7.4	1.5	2.3	480.6	465.3	450.1	442.9	543.2
Romania	188	122	67.6	25.9	6.5	2.8	34.2	541.4	506.5	557.5	507.8	514.4
Saudi Arabia	217	188	26.4	46.0	27.7	2.4	10.5	426.4	429.1	421.3	423.8	439.7
Serbia	213	211	72.7	17.6	9.7	0.8	0.0	510.9	505.5	510.4	505.9	.
Singapore	362	361	64.3	32.6	3.1	0.0	0.3	620.2	587.3	553.8	.	585.9
Slovak Republic	269	268	53.6	34.2	12.3	0.3	0.0	531.7	514.7	490.1	450.1	.
Slovenia	269	262	39.3	47.4	13.3	0.0	1.6	527.7	523.7	524.2	.	543.1
South Africa (5)	287	237	9.2	58.0	32.8	0.1	17.8	492.2	304.5	261.6	287.9	309.3
Spain	582	561	46.7	45.4	7.9	0.9	2.0	509.9	501.5	481.1	508.9	512.2
Sweden	250	204	48.1	45.4	6.5	2.6	14.5	544.8	528.1	489.0	515.4	529.4
Turkiye (5)	171	169	40.6	48.0	11.4	1.2	0.0	592.2	557.7	546.9	542.3	.
United Arab Emirates	1435	1210	44.2	44.5	11.3	1.7	11.2	529.2	484.6	420.0	479.2	481.2
United States	495	474	52.2	43.0	4.9	0.8	3.6	545.7	522.1	500.4	450.7	526.0
Uzbekistan	168	159	54.7	36.8	8.5	3.2	2.0	412.6	408.6	415.6	421.5	420.6
International Avg. (58)	17865	15841	48.6	40.4	10.9	1.6	9.1	505.4	488.6	482.8	483.2	492.9
Ontario, Canada	286	237	40.0	50.6	9.5	2.6	11.8	533.9	524.1	506.6	536.8	514.7
Quebec, Canada	215	189	53.4	38.8	7.9	1.2	8.0	508.4	507.3	499.0	498.5	512.1
Abu Dhabi, UAE	553	464	30.5	48.6	20.9	2.0	11.4	512.4	436.6	382.9	402.0	436.0
Dubai, UAE	359	314	44.9	48.6	6.5	0.2	9.4	584.3	550.2	544.8	624.0	534.8
Sharjah, UAE	284	223	58.8	36.8	4.3	2.8	14.9	519.3	488.3	446.3	533.3	486.6

Question: Is science taught mainly as a separate subject (i.e., not integrated with other subjects) to the students in this class?
 Location: TQS-01A (ATBS01A)

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
Albania	123	93	88.9	11.1	4.5	17.7	485.5	498.2	490.2	507.0
Armenia	211	193	83.7	16.3	4.6	1.9	459.5	451.4	438.3	461.0
Australia	347	245	84.5	15.5	1.7	27.0	551.4	552.0	534.3	545.2
Azerbaijan	271	212	93.8	6.2	8.1	12.8	422.7	416.1	416.7	420.6
Bahrain	212	208	86.5	13.5	2.0	0.0	475.2	475.7	462.5	.
Belgium (Flemish)	278	214	61.1	38.9	0.9	19.7	490.8	491.9	497.2	477.0
Belgium (French)	344	282	89.6	10.4	2.2	14.9	485.0	463.3	496.9	466.6
Bosnia & Herzegovina	236	171	88.3	11.7	6.5	20.2	447.4	467.7	462.3	438.8
Brazil	1047	885	58.2	41.8	12.7	1.6	424.1	429.8	413.7	437.3
Bulgaria	208	201	99.5	0.5	2.4	1.0	529.6	503.4	537.8	515.0
Canada	917	799	88.9	11.1	3.2	9.4	522.1	516.6	529.8	515.2
Chile	178	158	77.6	22.4	4.0	7.1	478.7	487.0	465.3	471.0
Chinese Taipei	238	233	86.8	13.2	1.9	0.0	572.0	577.8	562.6	.
Cyprus	267	259	95.6	4.4	1.4	1.5	487.4	487.9	469.8	476.8
Czech Republic	344	336	93.1	6.9	1.1	1.1	525.4	538.1	490.8	525.8
Denmark	278	183	94.8	5.2	13.6	19.5	522.1	530.2	520.4	521.9
England	178	123	98.9	1.1	4.2	23.3	558.4	554.6	551.6	550.7
Finland	369	353	92.0	8.0	1.0	2.7	542.9	543.5	540.4	509.7
France	306	240	92.1	7.9	3.1	18.1	488.2	483.8	507.1	486.0
Georgia	218	217	88.1	11.9	0.3	0.0	467.0	451.4	410.2	.
Germany	243	202	24.5	75.5	2.4	13.5	514.9	515.2	514.6	517.8
Hong Kong SAR	182	121	65.7	34.3	1.1	31.3	541.7	542.9	537.2	552.3
Hungary	263	214	87.6	12.4	0.8	15.7	524.4	518.9	452.1	530.6
Iran, Islamic Rep. of	224	224	82.1	17.9	0.0	0.0	429.0	446.5	.	.
Ireland	239	237	74.3	25.7	0.5	0.4	531.8	531.9	543.4	537.9
Italy	266	261	63.3	36.7	0.7	0.7	512.8	507.2	488.2	504.4
Japan	142	139	91.7	8.3	0.8	1.6	554.5	557.0	547.6	568.6
Jordan	224	215	88.5	11.5	3.1	0.3	421.1	395.4	410.8	336.1
Kazakhstan	303	232	95.0	5.0	21.1	1.3	468.5	447.9	461.9	484.2
Korea, Rep. of	199	171	95.4	4.6	5.7	7.9	585.4	546.0	589.5	575.3
Kosovo	231	196	86.0	14.0	5.6	9.5	405.8	401.3	400.1	386.5
Kuwait	164	161	77.4	22.6	0.6	1.4	371.1	380.0	297.3	418.7
Latvia	213	205	91.0	9.0	0.5	3.8	525.5	533.9	527.5	508.2
Lithuania	250	245	85.2	14.8	0.7	0.5	536.7	536.2	554.9	572.4
Macao SAR	275	274	66.0	34.0	0.0	0.0	535.6	536.2	589.8	.
Montenegro	338	314	98.6	1.4	3.6	4.0	460.6	436.4	461.5	469.7
Morocco	303	274	72.3	27.7	0.3	5.9	396.3	380.0	360.1	366.6
Netherlands	188	116	50.3	49.7	3.4	32.9	516.6	519.0	496.6	517.3
New Zealand	396	198	52.8	47.2	2.9	45.2	531.1	514.7	533.5	508.5
North Macedonia	274	196	86.9	13.1	3.8	25.2	440.5	446.7	422.6	433.4
Norway (5)	314	210	88.9	11.1	4.0	26.6	532.6	538.8	532.7	522.7
Oman	287	268	83.6	16.4	3.5	2.6	431.4	442.8	408.6	442.7
Poland	267	263	100.0	0.0	0.0	2.0	549.5	.	.	568.4
Portugal	321	313	40.8	59.2	1.7	0.8	512.0	509.4	521.9	510.7
Qatar	283	275	82.5	17.5	1.0	2.3	471.2	465.3	501.9	543.2
Romania	188	119	89.5	10.5	3.5	34.2	537.0	502.7	512.8	514.4
Saudi Arabia	217	186	80.2	19.8	3.2	10.5	426.9	424.5	420.1	439.7
Serbia	213	210	53.9	46.1	1.2	0.0	507.3	512.5	521.8	.
Singapore	362	359	91.3	8.7	0.6	0.3	607.8	602.5	617.4	585.9
Slovak Republic	269	267	98.3	1.7	0.7	0.0	520.0	549.3	529.9	.
Slovenia	269	260	87.9	12.1	1.1	1.6	526.0	523.4	497.5	543.1
South Africa (5)	287	216	47.0	53.0	1.9	23.8	316.1	299.5	342.1	307.1
Spain	582	558	63.7	36.3	1.6	2.0	505.0	501.4	514.6	512.2
Sweden	250	200	93.8	6.2	3.7	14.5	533.4	541.6	514.6	529.4
Turkiye (5)	171	169	89.5	10.5	1.2	0.0	568.9	583.5	542.3	.
United Arab Emirates	1435	1200	83.0	17.0	2.0	11.2	498.6	489.2	485.3	481.2
United States	495	469	89.7	10.3	2.1	3.6	535.3	505.4	555.9	526.0
Uzbekistan	168	158	85.9	14.1	4.2	2.0	411.9	414.5	399.5	420.6
International Avg. (58)	17865	15500	81.5	18.5	3.0	9.3	495.3	491.6	489.4	491.2
Ontario, Canada	286	232	85.5	14.5	4.5	11.8	526.9	519.1	543.9	514.7
Quebec, Canada	215	188	91.7	8.3	1.6	8.0	507.1	508.7	498.5	512.1
Abu Dhabi, UAE	553	460	81.1	18.9	2.3	11.4	449.1	445.5	409.2	436.0
Dubai, UAE	359	310	84.3	15.7	1.3	9.4	568.1	552.0	543.3	534.8
Sharjah, UAE	284	221	84.3	15.7	2.7	14.9	505.7	496.4	548.7	486.6

Question: Please estimate the time that you spend on science topics with students in this class (minutes per week).
 Location: TQS-01B (ATBS01B)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	93	4.5	17.7	98.9	30.0	90.0	90.0	90.0	90.0	90.0	120.0	160.0	270.0
Armenia	211	187	6.9	1.9	95.4	30.0	90.0	90.0	90.0	90.0	90.0	120.0	135.0	480.0
Australia	347	242	2.9	27.0	86.4	0.0	15.0	40.0	60.0	90.0	120.0	150.0	150.0	315.0
Azerbaijan	271	211	9.2	12.8	82.5	2.0	2.0	45.0	90.0	90.0	90.0	90.0	120.0	180.0
Bahrain	212	203	4.6	0.0	168.8	3.0	45.0	100.0	135.0	150.0	200.0	240.0	280.0	935.0
Belgium (Flemish)	278	209	2.5	19.7	155.8	0.0	10.0	25.0	50.0	180.0	250.0	300.0	300.0	420.0
Belgium (French)	344	281	2.4	14.9	78.3	1.0	30.0	40.0	50.0	60.0	100.0	120.0	150.0	300.0
Bosnia & Herzegovina	236	168	7.0	20.2	139.2	45.0	90.0	90.0	90.0	120.0	135.0	270.0	315.0	460.0
Brazil	1047	883	13.1	1.6	123.8	1.0	50.0	60.0	90.0	120.0	150.0	200.0	240.0	900.0
Bulgaria	208	194	6.7	1.0	84.1	60.0	80.0	80.0	80.0	80.0	80.0	120.0	120.0	120.0
Canada	917	801	2.9	9.4	127.4	0.0	40.0	54.0	60.0	120.0	180.0	200.0	240.0	600.0
Chile	178	159	3.4	7.1	147.1	0.0	90.0	120.0	135.0	135.0	135.0	180.0	240.0	480.0
Chinese Taipei	238	234	1.1	0.0	119.7	3.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	210.0
Cyprus	267	257	2.2	1.5	83.3	2.0	80.0	80.0	80.0	80.0	80.0	80.0	100.0	360.0
Czech Republic	344	337	0.8	1.1	69.3	1.0	45.0	45.0	45.0	60.0	90.0	90.0	120.0	400.0
Denmark	278	183	13.6	19.5	111.7	10.0	60.0	75.0	90.0	120.0	135.0	135.0	140.0	300.0
England	178	120	5.2	23.3	91.4	30.0	60.0	60.0	60.0	90.0	120.0	120.0	150.0	300.0
Finland	369	354	0.7	2.7	113.5	0.0	70.0	90.0	90.0	120.0	135.0	135.0	180.0	360.0
France	306	240	3.1	18.1	75.1	2.0	30.0	40.0	60.0	60.0	90.0	120.0	120.0	300.0
Georgia	218	216	1.7	0.0	91.1	1.0	45.0	70.0	80.0	90.0	90.0	120.0	120.0	602.0
Germany	243	188	8.3	13.5	88.6	0.0	15.0	30.0	45.0	90.0	135.0	180.0	180.0	400.0
Hong Kong SAR	182	119	2.4	31.3	153.6	1.0	30.0	47.0	100.0	150.0	175.0	210.0	300.0	750.0
Hungary	263	213	1.1	15.7	84.0	30.0	45.0	45.0	45.0	90.0	90.0	120.0	200.0	315.0
Iran, Islamic Rep. of	224	223	0.5	0.0	155.7	3.0	80.0	90.0	130.0	140.0	180.0	225.0	240.0	750.0
Ireland	239	228	4.8	0.4	56.1	15.0	30.0	30.0	45.0	60.0	60.0	60.0	90.0	180.0
Italy	266	260	1.2	0.7	121.8	2.0	60.0	60.0	120.0	120.0	120.0	180.0	180.0	400.0
Japan	142	137	2.5	1.6	134.3	45.0	90.0	135.0	135.0	135.0	135.0	135.0	135.0	450.0
Jordan	224	215	3.6	0.3	153.4	0.0	45.0	105.0	120.0	135.0	160.0	240.0	300.0	800.0
Kazakhstan	303	237	19.6	1.3	95.5	2.0	40.0	45.0	80.0	90.0	90.0	135.0	200.0	450.0
Korea, Rep. of	199	171	5.6	7.9	104.7	0.0	3.0	40.0	80.0	120.0	120.0	120.0	150.0	180.0
Kosovo	231	199	4.6	9.5	92.5	2.0	45.0	80.0	80.0	90.0	90.0	100.0	135.0	810.0
Kuwait	164	154	5.9	0.7	102.1	5.0	20.0	45.0	80.0	90.0	100.0	200.0	225.0	285.0
Latvia	213	206	0.0	3.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
Lithuania	250	244	1.1	0.5	100.5	2.0	90.0	90.0	90.0	90.0	100.0	135.0	170.0	400.0
Macao SAR	275	274	0.0	0.0	128.0	0.0	30.0	40.0	80.0	135.0	160.0	200.0	240.0	400.0
Montenegro	338	318	2.2	4.0	108.7	1.0	90.0	90.0	90.0	90.0	90.0	180.0	250.0	550.0
Morocco	303	265	3.9	5.9	117.2	1.0	60.0	90.0	95.0	120.0	120.0	120.0	170.0	435.0
Netherlands	188	113	4.0	32.9	51.6	0.0	5.0	15.0	30.0	45.0	60.0	90.0	120.0	300.0
New Zealand	396	187	6.2	45.2	62.9	0.0	0.0	15.0	30.0	40.0	75.0	120.0	180.0	999.0
North Macedonia	274	193	4.8	25.2	109.2	40.0	80.0	80.0	80.0	90.0	120.0	160.0	200.0	600.0
Norway (5)	314	210	4.0	26.6	95.0	3.0	60.0	60.0	70.0	90.0	120.0	120.0	135.0	240.0
Oman	287	258	6.7	2.6	194.4	30.0	120.0	140.0	140.0	200.0	225.0	225.0	280.0	960.0
Poland	267	264	0.6	0.7	94.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	765.0
Portugal	321	313	2.4	0.8	159.7	3.0	30.0	60.0	120.0	180.0	180.0	240.0	300.0	420.0
Qatar	283	272	1.9	2.3	164.5	0.0	50.0	90.0	125.0	150.0	200.0	240.0	300.0	1000
Romania	188	118	4.5	34.2	60.7	2.0	45.0	45.0	45.0	50.0	60.0	100.0	120.0	240.0
Saudi Arabia	217	177	7.6	10.5	267.1	0.0	30.0	45.0	175.0	180.0	255.0	640.0	900.0	1000
Serbia	213	209	1.8	0.0	165.2	30.0	60.0	90.0	90.0	90.0	250.0	350.0	405.0	700.0
Singapore	362	359	0.6	0.3	158.2	0.0	150.0	150.0	150.0	150.0	150.0	180.0	200.0	600.0
Slovak Republic	269	268	0.4	0.0	93.8	2.0	90.0	90.0	90.0	90.0	90.0	100.0	120.0	350.0
Slovenia	269	260	1.1	1.6	136.6	0.0	120.0	135.0	135.0	135.0	135.0	180.0	180.0	300.0
South Africa (5)	287	200	5.8	24.4	198.2	1.0	3.0	4.0	180.0	210.0	240.0	280.0	390.0	999.0
Spain	582	555	1.6	2.0	189.9	1.0	90.0	100.0	150.0	180.0	240.0	270.0	300.0	640.0
Sweden	250	195	6.2	14.5	124.3	4.0	80.0	90.0	105.0	120.0	140.0	160.0	180.0	310.0
Turkiye (5)	171	169	1.2	0.0	153.0	4.0	4.0	6.0	160.0	160.0	160.0	160.0	240.0	480.0
United Arab Emirates	1435	1185	3.1	11.2	180.5	2.0	60.0	100.0	150.0	180.0	200.0	240.0	280.0	960.0
United States	495	467	2.9	3.6	141.5	0.0	30.0	45.0	60.0	120.0	200.0	250.0	300.0	900.0
Uzbekistan	168	152	8.2	2.0	94.2	1.0	40.0	60.0	90.0	90.0	90.0	100.0	160.0	540.0
International Avg. (58)	17865	15347	4.1	9.3	119.2	10.7	55.7	70.1	93.2	112.6	133.9	171.5	209.1	504.0
Ontario, Canada	286	232	4.4	11.8	148.9	0.0	40.0	60.0	100.0	150.0	200.0	240.0	240.0	600.0
Quebec, Canada	215	188	1.6	8.0	68.7	0.0	40.0	45.0	60.0	60.0	75.0	100.0	120.0	300.0
Abu Dhabi, UAE	553	457	2.9	11.4	181.9	2.0	80.0	120.0	160.0	180.0	200.0	240.0	300.0	800.0
Dubai, UAE	359	305	2.6	9.4	175.9	3.0	60.0	90.0	120.0	180.0	200.0	240.0	280.0	960.0
Sharjah, UAE	284	216	4.3	14.9	190.7	40.0	90.0	100.0	160.0	180.0	200.0	240.0	280.0	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-02a (ATBS02A)

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
Albania	123	93	86.7	6.3	5.8	1.2	4.4	17.7	488.2	502.3	444.8	518.9	488.8	507.0
Armenia	211	187	85.3	9.1	5.3	0.3	7.3	1.9	457.0	463.7	453.9	449.7	454.9	461.0
Australia	347	232	57.7	25.0	13.6	3.6	4.8	27.0	553.8	548.8	559.1	532.1	531.4	545.2
Azerbaijan	271	211	83.7	7.4	7.2	1.7	8.2	12.8	423.4	401.5	433.6	427.7	413.8	420.6
Bahrain	212	211	75.1	11.1	13.1	0.8	0.4	0.0	473.2	472.3	477.8	587.7	570.8	.
Belgium (Flemish)	278	212	43.2	31.7	22.9	2.2	1.5	19.7	490.0	493.7	489.0	504.8	492.3	477.0
Belgium (French)	344	284	35.4	29.8	32.5	2.3	1.9	14.9	482.1	481.3	486.1	465.8	498.5	466.6
Bosnia & Herzegovina	236	169	79.7	15.2	5.1	0.0	7.9	20.2	446.7	470.9	421.4	.	466.1	438.8
Brazil	1047	886	76.2	13.7	10.1	0.0	12.3	1.6	418.6	443.9	464.0	.	412.2	437.3
Bulgaria	208	204	96.0	3.3	0.8	0.0	0.9	1.0	529.6	534.8	547.7	.	507.5	515.0
Canada	917	797	53.6	31.3	14.2	0.9	3.7	9.4	520.6	519.2	527.8	540.4	530.4	515.2
Chile	178	160	71.0	26.7	1.5	0.8	2.3	7.1	481.5	477.0	461.6	450.2	484.5	471.0
Chinese Taipei	238	236	46.9	41.8	11.3	0.0	0.4	0.0	573.4	570.6	578.5	.	522.3	.
Cyprus	267	261	83.5	11.3	4.6	0.6	0.8	1.5	486.2	485.3	511.6	479.7	475.2	476.8
Czech Republic	344	337	51.0	32.3	16.6	0.0	0.9	1.1	523.9	526.7	533.1	.	470.2	525.8
Denmark	278	183	58.4	20.8	20.8	0.0	13.6	19.5	522.9	524.6	519.3	.	520.4	521.9
England	178	124	80.2	16.8	3.1	0.0	3.0	23.3	559.1	553.9	566.1	.	546.8	550.7
Finland	369	349	78.7	16.2	5.1	0.0	1.3	2.7	541.5	552.7	533.1	.	547.0	509.7
France	306	239	41.8	37.2	20.4	0.6	3.3	18.1	486.9	490.5	485.6	482.1	504.9	486.0
Georgia	218	215	77.6	7.5	12.4	2.6	1.5	0.0	465.0	470.0	467.0	474.9	405.6	.
Germany	243	201	27.9	39.7	32.0	0.4	2.9	13.5	513.8	517.1	514.2	485.0	514.6	517.8
Hong Kong SAR	182	122	38.2	40.1	21.7	0.0	0.3	31.3	548.3	531.7	548.3	.	619.1	552.3
Hungary	263	215	66.8	22.8	9.5	0.9	0.5	15.7	521.6	532.0	514.4	538.7	452.9	530.6
Iran, Islamic Rep. of	224	224	81.6	14.7	3.7	0.0	0.0	0.0	429.6	450.4	413.4	.	.	.
Ireland	239	236	54.4	26.8	17.1	1.7	0.9	0.4	534.0	533.7	523.3	521.5	535.1	537.9
Italy	266	260	73.6	11.2	11.3	3.9	1.2	0.7	510.6	513.7	509.4	511.5	491.7	504.4
Japan	142	135	56.1	30.2	13.0	0.7	4.0	1.6	555.0	554.3	552.7	574.4	553.4	568.6
Jordan	224	217	83.0	11.8	5.2	0.0	2.0	0.3	418.8	403.7	440.6	468.7	404.5	336.1
Kazakhstan	303	240	92.2	5.1	2.8	0.0	17.7	1.3	464.1	484.6	546.3	.	461.3	484.2
Korea, Rep. of	199	172	80.4	14.8	2.4	2.4	5.4	7.9	586.1	575.7	580.9	584.9	576.6	575.3
Kosovo	231	197	78.0	8.6	9.7	3.7	5.9	9.5	403.2	403.8	415.7	412.5	405.3	386.5
Kuwait	164	162	74.5	13.9	9.5	2.1	0.0	1.4	380.0	351.2	336.0	420.4	.	418.7
Latvia	213	204	61.7	24.5	13.2	0.5	0.5	3.8	525.0	528.7	528.4	528.0	506.6	508.2
Lithuania	250	246	65.0	21.7	12.1	1.3	0.6	0.5	537.5	532.1	537.4	557.7	561.5	572.4
Macao SAR	275	273	28.2	49.9	21.2	0.8	0.4	0.0	535.3	541.8	522.8	510.4	553.1	.
Montenegro	338	319	90.0	5.8	3.3	0.8	2.6	4.0	459.9	472.1	452.1	432.7	466.5	469.7
Morocco	303	274	89.5	3.3	7.1	0.1	0.9	5.9	389.2	404.9	403.1	313.9	511.6	366.6
Netherlands	188	113	62.8	21.4	12.5	3.3	3.5	32.9	515.4	520.6	528.1	502.5	499.2	517.3
New Zealand	396	194	23.6	26.7	43.4	6.4	3.8	45.2	528.8	530.7	520.5	504.5	520.3	508.5
North Macedonia	274	195	90.8	5.6	3.6	0.0	3.6	25.2	441.2	466.8	395.0	.	430.2	433.4
Norway (5)	314	210	32.4	47.3	20.3	0.0	4.0	26.6	529.8	533.8	537.5	.	532.7	522.7
Oman	287	268	83.9	9.2	6.7	0.3	3.8	2.6	430.3	441.4	459.8	374.2	413.6	442.7
Poland	267	259	82.7	10.2	7.1	0.0	2.6	0.7	549.5	558.4	537.3	.	553.7	572.0
Portugal	321	314	73.2	16.4	10.4	0.0	1.6	0.8	509.6	509.9	514.9	.	538.6	510.7
Qatar	283	277	71.5	15.9	10.7	1.9	0.6	2.3	460.2	510.6	479.1	448.8	550.8	543.2
Romania	188	119	82.1	12.2	5.7	0.0	3.5	34.2	525.2	567.1	569.9	.	522.7	514.4
Saudi Arabia	217	186	69.2	14.4	14.9	1.6	2.9	10.5	425.8	437.1	415.9	445.0	422.2	439.7
Serbia	213	211	84.8	12.0	3.2	0.0	0.9	0.0	510.1	510.1	503.9	.	502.5	.
Singapore	362	358	38.6	37.4	22.5	1.5	0.9	0.3	608.0	603.0	615.3	591.1	595.8	585.9
Slovak Republic	269	268	70.8	19.6	8.8	0.8	0.3	0.0	514.9	531.5	541.3	514.7	555.3	.
Slovenia	269	259	58.2	27.2	14.1	0.5	1.4	1.6	527.0	522.2	527.2	514.9	503.9	543.1
South Africa (5)	287	216	67.1	17.4	13.8	1.8	2.0	23.8	306.3	309.4	317.2	263.4	329.3	307.1
Spain	582	556	66.9	22.6	10.2	0.3	2.6	2.0	504.6	501.4	507.1	480.6	496.2	512.2
Sweden	250	197	54.7	30.8	13.5	1.0	4.5	14.5	533.2	533.8	541.0	514.4	511.4	529.4
Turkiye (5)	171	168	84.6	10.4	5.0	0.0	1.6	0.0	571.6	561.2	568.3	.	553.9	.
United Arab Emirates	1435	1198	61.9	18.1	15.9	4.1	2.2	11.2	491.1	495.1	510.9	549.7	469.9	481.2
United States	495	468	45.3	36.5	14.8	3.4	2.6	3.6	529.9	540.8	528.3	493.1	542.6	526.0
Uzbekistan	168	158	93.3	5.6	1.1	0.0	4.3	2.0	412.5	411.8	398.5	.	398.8	420.6
International Avg. (58)	17865	15479	67.3	19.9	11.7	1.1	3.1	9.3	494.2	498.5	496.8	486.4	498.2	491.3
Ontario, Canada	286	230	52.2	30.3	16.0	1.5	5.9	11.8	527.6	513.5	541.4	549.9	538.0	514.7
Quebec, Canada	215	187	61.5	25.8	11.9	0.8	2.0	8.0	509.8	503.4	499.8	518.4	510.3	512.1
Abu Dhabi, UAE	553	458	65.4	22.7	10.6	1.4	3.1	11.4	449.6	449.0	453.1	403.6	399.7	436.0
Dubai, UAE	359	306	55.8	20.6	17.9	5.7	1.8	9.4	556.7	575.0	570.0	597.7	568.9	534.8
Sharjah, UAE	284	224	59.9	7.8	22.7	9.6	1.4	14.9	501.9	490.1	502.6	546.5	518.8	486.6

Question: In teaching science to the students in this class, how often do you ask them to do the following? Observe natural phenomena such as the weather or a plant growing and describe what they see
Location: TQS-02b (ATBS02B)

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
Albania	123	94	52.7	30.3	17.0	0.0	4.1	17.7	501.1	477.2	459.9	.	491.6	507.0
Armenia	211	189	26.2	35.6	37.9	0.3	6.4	1.9	454.7	455.4	461.7	449.7	451.8	461.0
Australia	347	232	15.6	28.7	46.8	8.9	4.8	27.0	554.3	553.4	552.9	544.5	531.4	545.2
Azerbaijan	271	211	45.3	22.8	31.1	0.8	8.4	12.8	413.6	425.9	433.4	463.2	410.3	420.6
Bahrain	212	212	53.9	27.8	18.3	0.0	0.0	0.0	480.6	468.0	469.1	.	.	.
Belgium (Flemish)	278	213	10.8	29.0	55.4	4.9	1.0	19.7	476.7	492.7	492.0	505.5	495.0	477.0
Belgium (French)	344	283	25.9	34.6	38.1	1.4	2.2	14.9	477.7	483.7	485.0	486.6	500.2	466.6
Bosnia & Herzegovina	236	169	41.7	29.3	29.0	0.0	7.9	20.2	440.7	456.1	454.0	.	466.1	438.8
Brazil	1047	883	45.4	22.0	30.8	1.8	12.4	1.6	415.5	436.3	434.3	458.4	412.2	437.3
Bulgaria	208	205	41.1	34.5	24.1	0.3	0.6	1.0	528.3	542.3	515.0	286.1	611.7	515.0
Canada	917	798	18.8	30.7	42.9	7.6	3.7	9.4	523.7	519.2	519.2	536.7	530.3	515.2
Chile	178	160	34.8	40.7	23.3	1.2	2.3	7.1	480.1	476.5	484.4	491.4	484.5	471.0
Chinese Taipei	238	236	22.4	50.1	27.5	0.0	0.4	0.0	573.7	571.8	573.8	.	522.3	.
Cyprus	267	260	53.5	24.3	20.9	1.3	1.2	1.5	484.8	485.2	494.3	512.1	481.3	476.8
Czech Republic	344	336	10.6	33.6	54.3	1.6	1.1	1.1	525.6	526.7	526.1	538.0	472.4	525.8
Denmark	278	182	5.1	23.3	69.3	2.3	13.8	19.5	518.1	529.1	520.9	516.7	520.2	521.9
England	178	123	17.3	28.9	50.9	2.8	3.4	23.3	553.5	545.7	567.7	557.7	545.4	550.7
Finland	369	348	21.7	36.4	40.8	1.1	1.6	2.7	540.5	544.4	543.2	531.1	547.8	509.7
France	306	239	20.5	34.3	39.6	5.6	3.3	18.1	491.7	489.6	483.7	493.2	504.9	486.0
Georgia	218	215	44.2	24.5	31.3	0.0	1.3	0.0	467.9	469.2	459.9	.	405.9	.
Germany	243	201	13.3	39.8	44.7	2.1	2.9	13.5	508.1	520.3	512.5	518.1	514.6	517.8
Hong Kong SAR	182	122	4.2	36.0	57.0	2.8	0.3	31.3	511.7	536.0	547.7	536.1	619.1	552.3
Hungary	263	215	26.7	24.2	49.2	0.0	0.5	15.7	530.1	520.8	521.2	.	452.9	530.6
Iran, Islamic Rep. of	224	224	66.7	27.4	5.9	0.0	0.0	0.0	435.1	421.1	449.2	.	.	.
Ireland	239	236	17.8	35.0	46.6	0.6	0.9	0.4	521.7	531.0	537.3	467.6	535.1	537.9
Italy	266	260	43.6	29.3	26.6	0.5	1.2	0.7	503.5	509.5	524.3	510.3	491.7	504.4
Japan	142	136	30.0	42.8	27.2	0.0	3.1	1.6	558.5	556.4	548.8	.	544.3	568.6
Jordan	224	216	52.6	30.7	16.7	0.0	2.5	0.3	429.3	406.8	405.0	.	402.5	336.1
Kazakhstan	303	238	62.1	25.4	12.5	0.0	18.4	1.3	459.1	466.7	511.1	.	460.8	484.2
Korea, Rep. of	199	172	32.6	37.8	27.0	2.7	5.4	7.9	585.5	588.2	577.7	584.2	576.6	575.3
Kosovo	231	196	57.1	18.2	24.5	0.1	6.8	9.5	398.9	413.9	407.3	495.8	417.1	386.5
Kuwait	164	162	45.9	28.2	24.5	1.4	0.0	1.4	389.4	348.1	367.3	412.9	.	418.7
Latvia	213	204	14.3	40.4	44.7	0.7	0.5	3.8	528.6	525.8	525.9	543.5	506.6	508.2
Lithuania	250	245	24.9	39.5	34.9	0.7	0.8	0.5	526.1	533.9	547.0	533.9	568.0	572.4
Macao SAR	275	273	12.6	33.0	53.0	1.4	0.4	0.0	529.3	534.5	538.3	526.0	553.1	.
Montenegro	338	318	52.0	36.4	11.6	0.0	2.8	4.0	460.3	459.3	462.7	.	461.7	469.7
Morocco	303	272	64.3	16.8	18.9	0.0	1.7	5.9	390.3	394.0	383.5	.	503.1	366.6
Netherlands	188	113	8.6	24.5	54.2	12.7	3.5	32.9	513.2	521.2	520.1	503.9	499.2	517.3
New Zealand	396	194	12.6	29.2	45.8	12.4	3.8	45.2	522.5	524.2	527.2	514.4	520.3	508.5
North Macedonia	274	193	62.0	17.8	20.2	0.0	4.5	25.2	438.9	455.2	436.5	.	426.4	433.4
Norway (5)	314	209	4.4	20.7	70.6	4.3	4.1	26.6	538.6	537.2	532.6	519.5	532.7	522.7
Oman	287	265	62.2	20.0	17.0	0.8	4.7	2.6	432.2	428.4	446.1	386.0	411.5	442.7
Poland	267	260	21.5	35.3	43.2	0.0	2.4	0.7	554.1	554.5	543.4	.	552.5	572.0
Portugal	321	313	35.7	28.6	35.4	0.3	1.9	0.8	510.1	510.9	509.4	542.6	534.7	510.7
Qatar	283	277	49.3	25.8	24.4	0.5	0.6	2.3	467.2	471.8	473.2	496.7	550.8	543.2
Romania	188	118	66.7	12.8	20.5	0.0	4.1	34.2	527.3	557.2	533.0	.	532.8	514.4
Saudi Arabia	217	185	62.8	23.8	13.1	0.3	3.2	10.5	425.3	431.1	422.1	380.5	427.3	439.7
Serbia	213	212	38.3	37.8	24.0	0.0	0.4	0.0	513.5	506.1	509.6	.	526.3	.
Singapore	362	358	17.7	48.7	32.2	1.4	0.9	0.3	615.8	606.5	604.9	597.5	595.8	585.9
Slovak Republic	269	267	33.6	37.0	29.3	0.1	0.6	0.0	520.9	524.3	515.3	508.8	536.1	.
Slovenia	269	260	23.3	39.5	36.2	1.0	1.2	1.6	529.4	524.5	524.9	506.1	505.4	543.1
South Africa (5)	287	216	30.2	38.0	30.1	1.8	2.0	23.8	287.5	303.9	329.9	350.0	329.3	307.1
Spain	582	556	31.3	29.5	38.1	1.2	2.7	2.0	500.5	503.9	507.8	504.8	487.6	512.2
Sweden	250	198	11.2	26.4	59.8	2.6	4.4	14.5	531.1	539.4	532.7	533.3	509.9	529.4
Turkiye (5)	171	166	41.1	25.9	32.2	0.7	2.8	0.0	572.1	573.9	567.2	490.8	560.3	.
United Arab Emirates	1435	1200	54.1	25.5	18.6	1.8	2.1	11.2	503.5	490.1	492.3	480.1	460.1	481.2
United States	495	469	22.6	26.9	41.7	8.7	2.2	3.6	531.6	530.9	537.9	507.5	565.1	526.0
Uzbekistan	168	157	66.0	20.6	13.4	0.0	4.8	2.0	413.5	408.4	411.6	.	401.5	420.6
International Avg. (58)	17865	15464	34.2	30.3	33.7	1.8	3.2	9.3	493.4	495.1	496.1	495.7	499.2	491.3
Ontario, Canada	286	230	17.5	31.2	41.3	9.9	5.9	11.8	525.5	518.0	529.9	534.4	538.0	514.7
Quebec, Canada	215	187	14.5	23.2	55.6	6.7	2.0	8.0	513.3	503.6	507.0	506.1	510.3	512.1
Abu Dhabi, UAE	553	460	49.1	26.5	21.4	3.0	2.9	11.4	452.0	435.9	464.1	417.6	392.1	436.0
Dubai, UAE	359	308	51.2	28.8	18.1	1.9	1.5	9.4	570.3	555.2	565.8	579.5	563.4	534.8
Sharjah, UAE	284	223	68.2	19.4	11.4	1.0	1.6	14.9	514.2	502.4	459.1	520.6	504.8	486.6

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-02c (ATBS02C)

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
Albania	123	94	58.7	26.0	15.2	0.0	4.1	17.7	502.8	465.5	461.9	.	491.6	507.0
Armenia	211	188	14.6	22.5	60.9	2.0	6.9	1.9	450.9	459.0	457.4	491.2	453.5	461.0
Australia	347	232	15.1	31.7	44.6	8.7	4.8	27.0	557.2	559.7	551.2	524.3	531.4	545.2
Azerbaijan	271	209	51.3	19.3	27.4	2.0	8.6	12.8	418.6	421.9	429.3	437.7	414.4	420.6
Bahrain	212	212	54.8	24.1	18.9	2.1	0.0	0.0	470.2	482.4	471.3	547.3	.	.
Belgium (Flemish)	278	213	9.0	22.9	62.8	5.3	1.0	19.7	455.9	497.3	494.7	484.4	495.0	477.0
Belgium (French)	344	283	22.4	25.5	44.6	7.5	2.2	14.9	475.6	487.2	482.7	488.5	500.2	466.6
Bosnia & Herzegovina	236	167	32.2	25.1	42.6	0.2	9.0	20.2	441.2	451.6	453.3	436.5	465.1	438.8
Brazil	1047	886	36.2	23.5	37.3	3.0	12.2	1.6	421.7	435.0	430.0	378.4	412.3	437.3
Bulgaria	208	204	33.6	23.0	41.5	1.9	1.4	1.0	528.2	549.7	523.5	407.4	589.0	515.0
Canada	917	797	13.4	25.7	53.5	7.3	3.8	9.4	529.1	517.5	521.0	523.0	530.8	515.2
Chile	178	160	23.4	40.5	33.5	2.7	2.3	7.1	480.0	481.1	477.5	485.7	484.5	471.0
Chinese Taipei	238	236	20.1	41.4	37.8	0.7	0.4	0.0	574.0	575.4	569.6	558.1	522.3	.
Cyprus	267	261	54.4	22.0	22.9	0.7	0.8	1.5	485.5	490.6	490.8	396.6	475.2	476.8
Czech Republic	344	336	4.8	12.0	75.9	7.2	1.1	1.1	524.3	528.2	527.0	517.9	478.4	525.8
Denmark	278	181	1.1	8.8	70.0	20.1	14.2	19.5	513.8	518.1	524.8	517.2	520.1	521.9
England	178	124	10.6	33.3	55.5	0.6	3.0	23.3	554.9	554.1	561.6	569.1	546.8	550.7
Finland	369	348	5.4	10.8	78.4	5.5	1.4	2.7	542.9	537.0	545.1	523.9	542.4	509.7
France	306	239	5.4	22.7	62.4	9.5	3.3	18.1	495.7	486.0	489.2	479.3	504.9	486.0
Georgia	218	215	42.3	15.6	40.5	1.6	1.2	0.0	466.9	470.5	462.2	460.9	426.7	.
Germany	243	201	2.6	19.9	70.2	7.3	2.9	13.5	513.8	523.4	514.3	500.8	514.6	517.8
Hong Kong SAR	182	121	5.3	34.5	58.5	1.7	0.7	31.3	504.7	542.8	544.3	541.1	577.8	552.3
Hungary	263	215	16.6	14.9	64.9	3.6	0.5	15.7	526.2	534.2	522.5	484.4	452.9	530.6
Iran, Islamic Rep. of	224	224	76.7	17.8	4.4	1.1	0.0	0.0	432.4	441.3	380.7	467.6	.	.
Ireland	239	236	11.0	31.7	55.2	2.2	0.9	0.4	526.2	536.8	531.4	500.9	535.1	537.9
Italy	266	260	31.1	24.0	39.2	5.7	1.2	0.7	499.5	512.4	518.0	517.0	491.7	504.4
Japan	142	136	19.1	31.0	46.7	3.2	3.1	1.6	558.5	556.1	551.9	566.5	544.3	568.6
Jordan	224	217	64.8	25.7	9.5	0.0	2.0	0.3	425.8	406.0	399.6	.	404.5	336.1
Kazakhstan	303	240	52.6	25.5	21.1	0.8	17.9	1.3	459.3	465.5	488.3	485.6	462.2	484.2
Korea, Rep. of	199	172	30.8	29.8	35.1	4.4	5.4	7.9	580.3	580.5	590.7	588.8	576.6	575.3
Kosovo	231	198	66.4	10.2	20.8	2.6	5.7	9.5	400.4	413.8	410.6	438.8	404.5	386.5
Kuwait	164	161	68.1	17.9	13.4	0.6	0.8	1.4	369.8	364.9	391.1	333.3	515.0	418.7
Latvia	213	204	11.2	46.5	42.3	0.0	0.5	3.8	532.5	523.5	527.8	.	506.6	508.2
Lithuania	250	246	12.7	34.4	50.0	2.9	0.6	0.5	526.5	535.5	539.3	547.5	561.5	572.4
Macao SAR	275	273	8.3	27.8	62.3	1.5	0.4	0.0	511.7	536.2	539.7	496.3	553.1	.
Montenegro	338	319	29.2	29.1	41.2	0.5	2.6	4.0	463.7	451.6	463.8	442.1	466.5	469.7
Morocco	303	272	73.3	11.4	13.8	1.5	1.7	5.9	389.3	390.7	386.2	428.9	503.1	366.6
Netherlands	188	113	4.6	13.3	60.7	21.4	3.5	32.9	489.8	525.8	516.5	522.2	499.2	517.3
New Zealand	396	194	8.9	22.5	54.1	14.4	3.8	45.2	517.8	530.1	525.5	513.5	520.3	508.5
North Macedonia	274	195	62.1	20.4	17.1	0.4	3.7	25.2	441.9	447.9	428.9	422.4	433.0	433.4
Norway (5)	314	210	2.1	14.8	75.3	7.8	4.0	26.6	523.0	537.3	534.0	521.4	532.7	522.7
Oman	287	268	76.0	17.3	5.9	0.7	3.7	2.6	436.2	418.9	436.7	437.5	410.9	442.7
Poland	267	260	15.1	18.7	63.8	2.4	2.4	0.7	545.2	553.5	549.8	541.1	552.5	572.0
Portugal	321	311	30.6	20.7	45.8	2.9	1.9	0.8	509.3	503.6	513.6	509.7	537.7	510.7
Qatar	283	277	53.5	25.1	19.6	1.9	0.6	2.3	453.1	497.3	481.3	467.7	550.8	543.2
Romania	188	118	40.3	28.2	31.1	0.4	4.2	34.2	527.2	545.8	529.8	484.9	521.6	514.4
Saudi Arabia	217	185	76.6	14.0	6.3	3.1	3.2	10.5	424.5	427.8	442.3	424.4	427.3	439.7
Serbia	213	211	34.4	29.8	34.8	1.1	0.6	0.0	507.5	511.9	510.1	509.5	530.3	.
Singapore	362	358	10.5	40.5	48.1	0.9	0.9	0.3	594.1	602.5	614.6	610.4	595.8	585.9
Slovak Republic	269	268	27.6	32.1	39.8	0.5	0.3	0.0	523.9	524.6	514.7	530.9	555.3	.
Slovenia	269	260	19.7	32.0	46.7	1.7	1.2	1.6	529.3	525.3	524.1	531.7	505.4	543.1
South Africa (5)	287	216	27.1	34.8	36.6	1.6	2.0	23.8	272.9	329.8	317.5	180.6	329.3	307.1
Spain	582	554	14.9	13.1	59.4	12.7	2.4	2.0	496.5	495.8	507.4	506.9	492.0	512.2
Sweden	250	198	8.1	18.9	69.9	3.2	4.4	14.5	519.0	541.7	534.8	519.2	509.9	529.4
Turkiye (5)	171	168	52.2	22.9	24.6	0.3	1.6	0.0	578.3	553.8	568.1	639.4	553.9	.
United Arab Emirates	1435	1199	40.3	32.2	25.4	2.2	2.2	11.2	490.2	494.3	508.2	555.1	463.7	481.2
United States	495	469	15.0	25.0	50.6	9.3	2.2	3.6	522.5	535.4	534.7	522.4	565.1	526.0
Uzbekistan	168	157	43.4	16.6	39.2	0.7	4.8	2.0	412.5	412.7	412.5	365.6	401.5	420.6
International Avg. (58)	17865	15469	30.2	24.2	41.9	3.8	3.1	9.3	490.1	496.5	495.3	488.8	499.0	491.3
Ontario, Canada	286	229	14.4	21.5	53.9	10.2	6.3	11.8	530.7	527.3	522.0	535.5	538.1	514.7
Quebec, Canada	215	187	10.6	26.5	53.8	9.0	2.0	8.0	508.2	499.8	510.9	503.7	510.3	512.1
Abu Dhabi, UAE	553	459	33.1	38.5	27.1	1.2	3.1	11.4	441.2	444.0	462.8	511.7	404.3	436.0
Dubai, UAE	359	308	27.6	36.6	31.4	4.3	1.5	9.4	544.3	567.0	580.0	578.1	563.4	534.8
Sharjah, UAE	284	224	59.7	22.2	16.0	2.2	1.4	14.9	516.6	481.5	492.0	540.5	518.8	486.6

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-02d (ATBS02D)

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
Albania	123	94	69.5	17.5	10.3	2.7	4.1	17.7	486.4	499.2	456.2	535.7	491.6	507.0
Armenia	211	188	51.1	27.5	21.1	0.3	6.9	1.9	463.0	451.4	452.2	449.7	453.5	461.0
Australia	347	232	13.4	26.1	43.8	16.7	4.8	27.0	557.9	552.3	554.6	543.0	531.4	545.2
Azerbaijan	271	212	71.0	16.3	12.6	0.2	8.4	12.8	422.9	427.0	411.1	454.1	417.7	420.6
Bahrain	212	211	49.5	27.0	21.4	2.2	0.0	0.0	474.5	469.8	472.3	576.3	548.6	.
Belgium (Flemish)	278	212	37.1	31.5	26.5	4.9	1.2	19.7	483.9	498.3	491.9	498.1	492.9	477.0
Belgium (French)	344	282	16.2	31.6	38.5	13.7	2.3	14.9	488.3	475.0	484.3	492.8	482.4	466.6
Bosnia & Herzegovina	236	169	63.3	17.3	18.5	0.9	7.9	20.2	446.9	450.0	457.1	414.7	466.1	438.8
Brazil	1047	885	72.5	16.6	8.9	2.0	12.4	1.6	428.0	411.5	437.8	454.2	412.1	437.3
Bulgaria	208	205	67.4	16.1	14.7	1.9	0.6	1.0	531.2	508.5	550.9	466.0	611.7	515.0
Canada	917	796	25.7	26.1	39.7	8.5	4.0	9.4	523.0	518.8	523.5	516.4	526.1	515.2
Chile	178	160	43.7	28.3	25.5	2.5	2.3	7.1	481.4	470.9	486.2	487.1	484.5	471.0
Chinese Taipei	238	236	28.0	23.7	47.7	0.6	0.4	0.0	577.2	574.4	569.4	570.8	522.3	.
Cyprus	267	261	60.4	23.5	16.1	0.0	0.8	1.5	488.3	488.8	480.8	.	475.2	476.8
Czech Republic	344	337	27.9	35.3	35.0	1.7	0.9	1.1	522.9	529.2	525.0	550.7	470.2	525.8
Denmark	278	183	16.9	29.3	49.2	4.5	13.6	19.5	528.6	524.3	519.9	517.2	520.4	521.9
England	178	124	10.6	20.1	56.9	12.5	3.0	23.3	537.2	550.2	565.8	556.1	546.8	550.7
Finland	369	348	75.0	20.2	4.7	0.0	1.4	2.7	543.4	544.4	530.9	446.0	544.1	509.7
France	306	239	30.2	34.3	30.5	4.9	3.3	18.1	489.4	488.5	485.6	489.1	504.9	486.0
Georgia	218	215	67.7	18.1	13.8	0.4	1.2	0.0	464.3	468.6	466.9	480.4	423.2	.
Germany	243	201	22.4	43.3	30.5	3.8	2.9	13.5	511.8	518.2	514.5	504.0	514.6	517.8
Hong Kong SAR	182	122	23.4	39.9	36.8	0.0	0.3	31.3	527.6	536.0	556.7	.	619.1	552.3
Hungary	263	215	61.4	23.5	14.7	0.4	0.5	15.7	520.8	527.6	527.9	537.2	452.9	530.6
Iran, Islamic Rep. of	224	224	58.1	26.8	13.9	1.2	0.0	0.0	437.5	441.3	397.8	361.1	.	.
Ireland	239	236	40.5	32.9	23.7	2.9	0.9	0.4	538.4	526.9	529.7	514.1	535.1	537.9
Italy	266	260	54.7	23.6	19.8	1.9	1.2	0.7	507.1	515.7	515.8	506.3	491.7	504.4
Japan	142	136	34.8	36.7	27.7	0.8	3.1	1.6	554.1	559.0	550.4	565.7	544.3	568.6
Jordan	224	217	46.5	18.8	31.3	3.4	2.0	0.3	429.4	412.3	405.8	413.2	404.5	336.1
Kazakhstan	303	238	73.9	17.0	8.8	0.2	18.4	1.3	466.5	450.7	501.1	549.1	463.1	484.2
Korea, Rep. of	199	171	58.1	26.7	12.1	3.1	5.7	7.9	585.2	582.8	586.2	579.5	575.7	575.3
Kosovo	231	197	73.0	11.1	15.9	0.0	6.0	9.5	402.7	410.5	410.1	.	406.2	386.5
Kuwait	164	162	50.1	19.7	29.6	0.6	0.0	1.4	395.4	345.8	348.9	540.4	.	418.7
Latvia	213	204	44.7	33.6	21.8	0.0	0.5	3.8	522.4	530.7	527.8	.	506.6	508.2
Lithuania	250	246	56.3	25.7	16.7	1.3	0.6	0.5	539.0	532.2	532.7	573.1	561.5	572.4
Macao SAR	275	273	28.7	27.6	42.0	1.7	0.4	0.0	543.5	534.0	532.0	525.7	553.1	.
Montenegro	338	318	62.7	23.3	12.7	1.3	2.6	4.0	463.7	451.9	457.0	467.5	467.0	469.7
Morocco	303	270	76.7	11.3	11.3	0.6	2.6	5.9	394.4	396.5	352.6	361.1	464.6	366.6
Netherlands	188	113	41.7	31.5	20.5	6.3	3.5	32.9	516.1	516.4	522.5	519.0	499.2	517.3
New Zealand	396	193	5.4	14.8	57.0	22.9	4.0	45.2	539.0	509.5	529.4	516.5	521.6	508.5
North Macedonia	274	193	57.8	17.9	23.2	1.1	4.2	25.2	436.9	460.3	435.9	474.9	426.4	433.4
Norway (5)	314	209	22.6	40.5	33.8	3.0	4.1	26.6	530.8	530.9	539.1	518.4	532.7	522.7
Oman	287	268	47.1	30.0	22.2	0.7	3.7	2.6	438.3	429.6	427.4	437.5	410.9	442.7
Poland	267	260	29.3	27.4	41.8	1.5	2.4	0.7	551.4	551.6	547.5	537.5	552.5	572.0
Portugal	321	312	43.1	29.3	27.1	0.4	2.1	0.8	509.3	507.6	514.0	503.9	537.8	510.7
Qatar	283	277	50.4	26.1	19.9	3.5	0.6	2.3	468.1	461.1	477.1	522.8	550.8	543.2
Romania	188	118	62.7	10.2	27.1	0.0	3.9	34.2	524.8	532.4	551.0	.	527.4	514.4
Saudi Arabia	217	185	66.3	20.4	11.9	1.4	3.6	10.5	426.5	426.7	427.2	390.8	427.5	439.7
Serbia	213	211	71.1	17.5	11.4	0.0	0.7	0.0	508.4	513.2	513.2	.	519.3	.
Singapore	362	357	9.4	19.5	59.7	11.4	1.2	0.3	598.3	602.9	611.3	603.2	599.2	585.9
Slovak Republic	269	267	46.8	34.9	17.1	1.1	0.6	0.0	522.1	524.5	517.9	362.5	542.1	.
Slovenia	269	259	39.3	29.9	29.1	1.7	1.8	1.6	527.1	524.0	525.7	530.6	501.6	543.1
South Africa (5)	287	215	61.2	19.4	18.5	0.9	2.4	23.8	291.2	341.3	321.5	454.2	312.3	307.1
Spain	582	557	34.6	30.9	30.0	4.6	2.2	2.0	508.3	501.2	500.9	513.6	492.5	512.2
Sweden	250	198	36.6	42.3	20.2	0.9	4.4	14.5	532.7	536.7	531.9	537.0	509.9	529.4
Turkiye (5)	171	168	50.7	19.4	28.1	1.7	1.6	0.0	577.3	563.6	563.0	562.9	553.9	.
United Arab Emirates	1435	1201	55.1	22.1	18.9	4.0	2.1	11.2	499.8	486.8	502.9	498.1	466.3	481.2
United States	495	469	26.5	28.1	32.9	12.5	2.2	3.6	529.0	531.8	538.9	519.9	565.1	526.0
Uzbekistan	168	157	71.1	9.2	19.1	0.6	4.8	2.0	412.3	418.2	408.7	429.9	401.5	420.6
International Avg. (58)	17865	15466	46.4	25.0	25.4	3.2	3.2	9.3	495.3	493.9	494.4	498.6	498.9	491.3
Ontario, Canada	286	228	30.2	28.1	36.0	5.7	6.7	11.8	529.1	521.2	527.1	531.1	531.6	514.7
Quebec, Canada	215	187	27.5	23.2	38.9	10.4	2.0	8.0	511.5	505.1	508.9	492.7	510.3	512.1
Abu Dhabi, UAE	553	460	49.8	25.7	19.4	5.1	2.9	11.4	457.2	439.2	442.8	448.8	392.1	436.0
Dubai, UAE	359	307	46.2	23.3	24.8	5.7	1.8	9.4	564.2	559.1	574.1	561.4	561.1	534.8
Sharjah, UAE	284	224	68.7	15.8	13.7	1.9	1.4	14.9	511.6	494.3	491.7	472.8	518.8	486.6

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-02e (ATBS02E)

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
Albania	123	93	37.0	35.1	23.5	4.3	5.2	17.7	489.4	489.1	477.8	485.9	496.6	507.0
Armenia	211	187	47.2	29.1	23.3	0.3	7.1	1.9	456.9	457.3	459.9	449.7	451.3	461.0
Australia	347	232	8.1	11.2	44.0	36.7	4.8	27.0	559.5	556.9	554.4	547.3	531.4	545.2
Azerbaijan	271	209	42.3	25.1	29.8	2.8	8.8	12.8	420.8	416.3	427.0	455.2	415.3	420.6
Bahrain	212	212	54.6	22.8	19.0	3.6	0.0	0.0	472.7	470.3	479.4	516.4	.	.
Belgium (Flemish)	278	213	8.5	23.3	59.7	8.5	1.0	19.7	477.3	489.5	492.8	498.7	495.0	477.0
Belgium (French)	344	280	18.9	33.6	41.9	5.6	2.9	14.9	481.3	486.2	480.6	483.6	494.7	466.6
Bosnia & Herzegovina	236	169	47.8	25.0	26.5	0.7	7.9	20.2	445.3	450.3	453.9	483.1	466.1	438.8
Brazil	1047	884	45.4	23.8	26.3	4.5	12.4	1.6	427.4	417.6	437.3	405.1	412.1	437.3
Bulgaria	208	204	72.6	17.6	9.4	0.3	1.0	1.0	531.1	530.7	518.7	286.1	588.6	515.0
Canada	917	796	8.4	19.4	45.9	26.3	4.1	9.4	520.3	519.4	521.0	523.5	530.9	515.2
Chile	178	160	13.5	26.5	47.6	12.4	2.3	7.1	484.3	471.5	485.5	470.3	484.5	471.0
Chinese Taipei	238	236	36.3	36.1	27.5	0.1	0.4	0.0	574.4	572.9	570.7	516.0	522.3	.
Cyprus	267	261	8.2	21.0	37.9	32.8	0.8	1.5	492.5	488.9	485.7	486.6	475.2	476.8
Czech Republic	344	336	2.5	8.9	64.4	24.3	1.0	1.1	526.7	526.3	527.9	522.1	480.1	525.8
Denmark	278	180	3.0	6.0	50.2	40.8	14.6	19.5	523.3	503.6	527.2	519.5	520.3	521.9
England	178	124	18.8	31.2	46.1	3.9	3.0	23.3	545.6	550.7	566.8	583.2	546.8	550.7
Finland	369	348	10.6	28.4	54.4	6.6	1.6	2.7	542.4	544.7	543.7	530.3	540.2	509.7
France	306	235	30.2	40.0	28.4	1.5	4.4	18.1	482.8	486.5	495.2	492.0	500.3	486.0
Georgia	218	215	73.3	17.5	9.2	0.0	1.7	0.0	464.9	468.7	462.9	.	441.7	.
Germany	243	201	2.8	20.2	60.1	16.9	2.9	13.5	519.9	514.5	512.7	523.9	514.6	517.8
Hong Kong SAR	182	121	15.1	39.7	42.6	2.5	1.4	31.3	514.8	537.8	554.8	603.3	480.9	552.3
Hungary	263	213	25.3	34.0	32.5	8.2	0.8	15.7	526.8	522.0	524.2	520.7	447.9	530.6
Iran, Islamic Rep. of	224	223	57.8	26.7	12.2	3.4	0.5	0.0	433.0	444.3	416.6	396.9	295.5	.
Ireland	239	235	7.6	19.3	47.5	25.7	1.0	0.4	519.0	537.2	534.3	527.1	534.0	537.9
Italy	266	259	29.6	26.2	33.1	11.0	1.4	0.7	506.0	506.2	514.3	525.2	488.3	504.4
Japan	142	136	31.1	34.9	31.0	3.0	3.1	1.6	554.8	557.2	552.9	550.8	544.3	568.6
Jordan	224	217	62.7	27.4	8.7	1.2	2.0	0.3	422.7	408.5	414.7	429.5	404.5	336.1
Kazakhstan	303	237	74.3	19.4	6.0	0.3	18.8	1.3	471.4	452.9	456.7	528.0	462.7	484.2
Korea, Rep. of	199	170	21.9	38.1	31.7	8.3	6.5	7.9	588.5	585.1	581.2	585.7	575.0	575.3
Kosovo	231	198	68.2	16.0	14.9	0.9	5.7	9.5	397.4	414.6	429.3	395.2	404.5	386.5
Kuwait	164	162	63.5	20.2	14.4	1.8	0.0	1.4	367.7	370.8	378.6	521.3	.	418.7
Latvia	213	203	38.5	40.6	20.8	0.0	0.8	3.8	526.1	523.1	533.0	.	517.0	508.2
Lithuania	250	246	47.1	30.0	20.7	2.2	0.6	0.5	536.8	533.6	536.3	576.5	561.5	572.4
Macao SAR	275	273	17.5	38.6	37.0	6.9	0.4	0.0	543.2	541.4	522.5	556.0	553.1	.
Montenegro	338	317	54.2	26.5	19.0	0.3	3.3	4.0	456.7	456.4	475.5	497.5	459.6	469.7
Morocco	303	269	63.7	16.3	18.5	1.5	2.3	5.9	394.6	384.9	384.7	361.5	433.4	366.6
Netherlands	188	113	10.9	17.8	40.2	31.2	3.5	32.9	515.8	509.4	521.9	517.8	499.2	517.3
New Zealand	396	192	4.2	7.4	38.6	49.8	4.3	45.2	505.1	517.9	529.5	521.9	524.6	508.5
North Macedonia	274	194	56.7	18.5	21.4	3.4	3.9	25.2	435.2	449.5	449.4	441.2	428.0	433.4
Norway (5)	314	209	2.9	16.3	58.1	22.6	4.1	26.6	539.7	533.3	534.0	530.5	532.7	522.7
Oman	287	266	57.3	25.9	14.8	1.9	3.9	2.6	435.4	426.2	425.2	496.3	425.7	442.7
Poland	267	260	39.6	33.2	26.2	0.9	2.4	0.7	548.3	550.6	548.9	591.2	552.5	572.0
Portugal	321	312	34.4	33.0	29.9	2.6	2.1	0.8	506.0	514.4	510.1	511.1	534.2	510.7
Qatar	283	275	51.7	22.8	21.2	4.3	1.3	2.3	457.7	474.8	492.0	494.1	473.9	543.2
Romania	188	116	33.0	16.9	35.2	15.0	5.8	34.2	527.4	527.6	529.7	542.9	550.8	514.4
Saudi Arabia	217	183	71.5	18.9	7.7	1.9	4.3	10.5	427.2	421.2	440.0	406.0	416.5	439.7
Serbia	213	210	61.5	26.5	12.0	0.0	1.3	0.0	511.2	500.4	525.0	.	501.6	.
Singapore	362	357	9.5	19.6	55.6	15.3	1.0	0.3	593.3	597.9	613.2	607.8	599.8	585.9
Slovak Republic	269	268	12.8	22.8	49.1	15.3	0.3	0.0	523.1	513.9	520.8	527.0	555.3	.
Slovenia	269	260	26.3	42.5	29.6	1.6	1.2	1.6	528.4	525.8	523.2	521.3	505.4	543.1
South Africa (5)	287	216	35.1	34.0	28.2	2.7	2.0	23.8	287.7	327.9	312.2	263.4	329.3	307.1
Spain	582	557	14.7	27.2	47.0	11.1	2.2	2.0	504.5	505.7	504.2	499.5	492.5	512.2
Sweden	250	197	11.1	31.7	50.6	6.6	4.8	14.5	534.8	529.6	536.3	537.9	514.8	529.4
Turkiye (5)	171	168	16.6	17.6	50.0	15.9	1.6	0.0	565.4	582.4	564.2	581.6	553.9	.
United Arab Emirates	1435	1198	45.1	23.4	24.8	6.7	2.2	11.2	495.0	478.3	513.9	519.5	467.9	481.2
United States	495	468	9.5	19.1	41.0	30.5	2.6	3.6	503.5	533.7	540.5	529.6	542.6	526.0
Uzbekistan	168	156	84.9	6.1	8.9	0.0	5.4	2.0	411.9	424.7	404.6	.	405.7	420.6
International Avg. (58)	17865	15429	33.7	24.8	32.0	9.5	3.4	9.3	492.3	493.7	497.1	499.9	490.7	491.3
Ontario, Canada	286	229	9.0	20.5	45.0	25.5	6.3	11.8	535.6	528.8	521.9	526.8	538.1	514.7
Quebec, Canada	215	186	10.7	23.4	40.4	25.5	2.8	8.0	505.4	508.2	508.2	503.8	516.6	512.1
Abu Dhabi, UAE	553	459	41.1	28.0	25.2	5.7	3.0	11.4	457.3	429.3	456.6	457.5	395.0	436.0
Dubai, UAE	359	307	29.9	22.6	35.0	12.5	1.5	9.4	555.9	558.8	575.7	570.4	561.4	534.8
Sharjah, UAE	284	223	66.1	14.7	16.6	2.6	2.0	14.9	513.1	482.7	505.0	436.3	519.0	486.6

Question: In teaching science to the students in this class, how often do you ask them to do the following? Do field work outside the class
Location: TQS-02f (ATBS02F)

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
Albania	123	94	20.6	31.3	46.7	1.4	4.1	17.7	512.7	498.3	467.5	495.3	491.6	507.0
Armenia	211	188	8.8	21.9	66.1	3.2	6.9	1.9	459.9	451.1	458.7	473.0	452.5	461.0
Australia	347	232	7.0	30.8	53.8	8.4	4.8	27.0	544.8	552.9	556.5	531.5	531.4	545.2
Azerbaijan	271	209	24.1	22.9	51.3	1.7	9.1	12.8	420.4	431.4	422.3	431.3	401.7	420.6
Bahrain	212	212	18.9	28.1	43.0	10.1	0.0	0.0	471.6	476.8	477.7	464.6	.	.
Belgium (Flemish)	278	213	4.5	19.2	73.4	2.9	1.0	19.7	456.7	491.5	492.9	501.1	495.0	477.0
Belgium (French)	344	284	5.3	14.2	55.1	25.3	1.9	14.9	484.2	486.1	480.9	484.9	498.5	466.6
Bosnia & Herzegovina	236	167	10.4	21.7	66.3	1.6	8.1	20.2	457.5	447.2	448.2	457.0	465.7	438.8
Brazil	1047	885	25.6	18.8	46.4	9.1	12.9	1.6	419.3	434.8	431.6	410.6	409.5	437.3
Bulgaria	208	205	10.8	13.2	69.7	6.3	0.6	1.0	523.7	529.4	531.0	517.8	611.7	515.0
Canada	917	797	6.4	13.3	60.4	19.9	3.8	9.4	526.7	526.7	517.8	526.7	530.8	515.2
Chile	178	160	13.1	22.6	49.2	15.1	2.3	7.1	482.1	483.7	482.1	464.2	484.5	471.0
Chinese Taipei	238	236	3.5	16.5	78.1	1.9	0.4	0.0	575.3	576.6	571.3	596.7	522.3	.
Cyprus	267	261	2.8	14.1	68.2	14.9	0.8	1.5	491.0	491.1	485.9	489.0	475.2	476.8
Czech Republic	344	336	1.8	17.1	76.3	4.9	1.2	1.1	511.9	521.0	527.2	535.3	490.7	525.8
Denmark	278	181	0.4	18.5	76.6	4.4	14.2	19.5	474.7	527.7	523.2	501.7	518.9	521.9
England	178	124	7.2	15.7	70.3	6.8	3.0	23.3	544.4	548.2	562.8	552.1	546.8	550.7
Finland	369	348	14.3	36.7	48.8	0.3	1.6	2.7	540.6	544.1	542.7	500.7	551.5	509.7
France	306	239	1.1	11.2	60.0	27.8	3.3	18.1	498.0	472.5	492.0	485.0	504.9	486.0
Georgia	218	211	13.8	21.3	62.7	2.1	2.8	0.0	472.3	471.1	462.1	466.4	446.4	.
Germany	243	200	1.2	7.2	86.8	4.8	3.3	13.5	524.6	519.0	515.5	499.0	515.7	517.8
Hong Kong SAR	182	122	1.6	10.2	74.3	13.9	0.3	31.3	526.1	586.7	535.7	542.0	619.1	552.3
Hungary	263	215	6.8	20.1	68.0	5.1	0.5	15.7	521.2	526.9	527.6	458.2	452.9	530.6
Iran, Islamic Rep. of	224	223	45.9	39.9	13.7	0.5	0.5	0.0	438.6	430.8	413.7	517.7	355.7	.
Ireland	239	236	2.0	16.5	72.8	8.8	0.9	0.4	530.5	536.2	531.2	529.3	535.1	537.9
Italy	266	259	5.5	18.7	63.1	12.7	1.4	0.7	491.5	502.2	516.9	502.8	485.4	504.4
Japan	142	135	7.9	16.5	67.5	8.1	3.8	1.6	555.1	556.7	554.3	557.5	543.7	568.6
Jordan	224	217	21.9	27.2	42.8	8.1	2.0	0.3	426.6	423.3	411.6	413.4	404.5	336.1
Kazakhstan	303	239	42.5	29.4	26.4	1.7	18.4	1.3	455.1	471.7	482.0	492.9	460.0	484.2
Korea, Rep. of	199	172	4.9	10.0	70.7	14.4	5.4	7.9	583.3	580.9	585.7	580.7	576.6	575.3
Kosovo	231	196	36.5	14.9	47.8	0.8	6.5	9.5	395.6	402.6	413.0	405.6	402.9	386.5
Kuwait	164	162	10.2	16.6	61.2	12.0	0.0	1.4	383.3	377.5	370.2	369.9	.	418.7
Latvia	213	204	5.2	26.8	64.1	4.0	0.5	3.8	539.7	524.3	527.8	500.2	506.6	508.2
Lithuania	250	245	5.7	28.6	64.1	1.5	1.0	0.5	508.4	540.9	536.7	558.7	549.0	572.4
Macao SAR	275	273	2.5	13.6	60.7	23.2	0.4	0.0	515.8	533.1	537.4	535.1	553.1	.
Montenegro	338	316	14.8	25.1	54.1	6.0	3.2	4.0	452.2	458.0	464.8	448.0	462.0	469.7
Morocco	303	271	6.5	11.1	62.7	19.8	2.7	5.9	396.1	397.8	388.6	381.2	497.0	366.6
Netherlands	188	113	1.6	8.5	62.5	27.4	3.5	32.9	457.7	533.7	518.5	514.5	499.2	517.3
New Zealand	396	194	7.8	22.1	58.9	11.3	3.8	45.2	508.5	525.8	524.6	529.2	520.3	508.5
North Macedonia	274	193	30.2	22.1	46.8	1.0	4.2	25.2	429.6	443.9	447.3	435.4	429.2	433.4
Norway (5)	314	208	0.8	13.9	80.9	4.4	4.2	26.6	535.2	537.6	533.5	516.4	532.4	522.7
Oman	287	269	20.9	28.1	47.8	3.2	3.2	2.6	428.9	432.2	434.8	443.0	411.2	442.7
Poland	267	260	2.5	13.2	75.5	8.8	2.4	0.7	558.4	548.8	548.4	558.6	552.5	572.0
Portugal	321	313	9.1	25.1	54.9	10.8	1.8	0.8	508.5	513.7	509.9	504.5	537.6	510.7
Qatar	283	275	21.5	22.9	48.3	7.3	0.8	2.3	469.5	478.5	464.9	475.9	547.2	543.2
Romania	188	119	21.1	20.5	56.0	2.3	3.5	34.2	529.4	542.2	529.7	558.8	522.7	514.4
Saudi Arabia	217	182	26.7	23.5	38.7	11.1	5.0	10.5	417.5	441.9	428.7	414.9	407.1	439.7
Serbia	213	211	29.6	32.5	37.3	0.7	0.7	0.0	507.5	512.9	507.8	554.8	534.3	.
Singapore	362	357	1.3	23.5	65.0	10.2	1.1	0.3	574.9	611.9	607.1	605.1	590.0	585.9
Slovak Republic	269	266	3.7	12.7	77.8	5.8	1.3	0.0	541.8	515.2	521.9	500.9	521.3	.
Slovenia	269	259	4.9	26.6	65.0	3.4	1.5	1.6	526.6	522.5	526.9	525.1	504.7	543.1
South Africa (5)	287	216	6.4	19.1	67.2	7.2	2.1	23.8	248.1	268.6	322.3	333.5	311.2	307.1
Spain	582	556	7.2	17.0	61.8	13.9	2.3	2.0	500.6	495.3	505.6	510.0	493.2	512.2
Sweden	250	197	1.8	13.7	75.4	9.1	4.8	14.5	527.2	544.4	534.2	521.3	511.9	529.4
Turkiye (5)	171	168	24.4	28.1	47.5	0.0	1.6	0.0	578.2	574.9	563.7	.	553.9	.
United Arab Emirates	1435	1200	18.4	25.4	48.8	7.4	2.1	11.2	507.7	496.8	499.1	464.1	460.9	481.2
United States	495	468	4.5	11.0	39.0	45.5	2.4	3.6	511.6	542.1	534.9	528.9	563.9	526.0
Uzbekistan	168	156	38.0	13.3	48.0	0.7	5.4	2.0	413.1	417.0	410.7	365.6	403.8	420.6
International Avg. (58)	17865	15447	12.1	20.1	59.1	8.7	3.3	9.3	489.5	497.1	495.2	491.9	495.7	491.3
Ontario, Canada	286	229	10.0	10.2	57.7	22.1	6.3	11.8	530.2	540.4	522.0	527.0	538.1	514.7
Quebec, Canada	215	187	1.8	9.7	63.6	24.9	2.0	8.0	506.8	506.8	505.3	511.4	510.3	512.1
Abu Dhabi, UAE	553	460	12.8	22.9	50.0	14.3	2.9	11.4	460.1	441.4	455.5	430.9	392.1	436.0
Dubai, UAE	359	308	16.4	27.8	51.4	4.4	1.5	9.4	547.3	572.0	565.9	583.0	563.4	534.8
Sharjah, UAE	284	224	28.8	25.4	43.6	2.2	1.4	14.9	531.7	493.7	494.5	514.3	518.8	486.6

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-02g (ATBS02G)

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
Albania	123	94	47.6	29.0	23.0	0.4	4.1	17.7	503.5	467.3	477.6	454.2	491.6	507.0
Armenia	211	188	29.6	29.3	38.8	2.3	6.9	1.9	454.3	451.1	464.2	471.7	452.5	461.0
Australia	347	232	39.0	30.3	25.9	4.8	4.8	27.0	550.9	557.0	554.8	524.5	531.4	545.2
Azerbaijan	271	211	34.7	27.0	37.0	1.3	8.3	12.8	411.2	423.6	433.6	395.0	413.2	420.6
Bahrain	212	209	67.8	20.9	11.1	0.2	1.6	0.0	475.3	477.6	463.8	460.4	507.4	.
Belgium (Flemish)	278	212	23.0	31.3	44.8	0.9	1.3	19.7	480.2	496.9	493.3	472.6	494.4	477.0
Belgium (French)	344	284	12.9	20.7	42.8	23.6	1.9	14.9	479.4	480.7	479.2	493.0	498.5	466.6
Bosnia & Herzegovina	236	168	18.2	24.9	56.1	0.9	8.0	20.2	450.9	453.9	446.1	467.8	466.0	438.8
Brazil	1047	885	31.3	28.5	36.2	4.1	12.4	1.6	420.3	437.6	424.3	420.0	412.0	437.3
Bulgaria	208	205	12.0	26.9	60.5	0.7	0.6	1.0	496.6	543.6	530.4	425.1	611.7	515.0
Canada	917	797	24.3	32.9	37.1	5.6	3.8	9.4	528.3	519.4	519.2	516.6	530.8	515.2
Chile	178	159	27.3	32.4	30.8	9.5	3.0	7.1	483.1	477.4	479.2	476.9	492.4	471.0
Chinese Taipei	238	236	24.1	31.7	38.7	5.4	0.4	0.0	578.1	570.0	572.3	569.2	522.3	.
Cyprus	267	261	35.2	30.1	29.2	5.4	0.8	1.5	492.9	494.5	478.8	455.7	475.2	476.8
Czech Republic	344	335	8.6	32.2	57.2	2.0	1.5	1.1	527.5	519.9	528.8	552.4	497.7	525.8
Denmark	278	183	13.6	37.3	42.2	6.9	13.6	19.5	524.6	515.7	528.4	519.6	520.4	521.9
England	178	124	61.4	29.5	9.1	0.0	3.0	23.3	557.7	563.9	546.1	.	546.8	550.7
Finland	369	348	21.5	36.0	40.5	2.0	1.6	2.7	547.4	546.3	537.0	556.1	542.9	509.7
France	306	239	14.1	30.9	46.6	8.4	3.3	18.1	497.4	476.8	490.9	496.3	504.9	486.0
Georgia	218	211	19.8	19.8	52.4	8.1	2.6	0.0	460.2	471.7	464.9	468.8	441.0	.
Germany	243	201	5.1	40.2	49.8	4.9	2.9	13.5	538.2	520.1	508.6	516.6	514.6	517.8
Hong Kong SAR	182	122	9.6	30.2	58.0	2.2	0.3	31.3	567.1	534.1	541.3	542.9	619.1	552.3
Hungary	263	215	15.0	24.0	57.6	3.4	0.5	15.7	515.1	520.9	526.7	524.8	452.9	530.6
Iran, Islamic Rep. of	224	224	54.2	34.1	9.3	2.4	0.0	0.0	436.9	428.3	421.4	417.7	.	.
Ireland	239	236	36.6	24.4	37.7	1.4	0.9	0.4	531.4	529.5	533.7	533.9	535.1	537.9
Italy	266	260	16.5	27.2	49.9	6.3	1.2	0.7	500.4	509.6	514.5	514.6	491.7	504.4
Japan	142	136	59.4	20.3	17.8	2.5	3.1	1.6	556.4	553.7	551.0	558.1	544.3	568.6
Jordan	224	216	33.6	39.2	26.6	0.6	2.0	0.3	432.8	421.5	393.7	476.9	405.4	336.1
Kazakhstan	303	237	58.1	29.1	12.4	0.4	18.9	1.3	456.8	476.1	492.9	455.4	463.7	484.2
Korea, Rep. of	199	172	51.1	31.1	14.3	3.5	5.4	7.9	588.1	582.9	573.8	586.1	576.6	575.3
Kosovo	231	197	62.5	13.4	22.3	1.7	6.0	9.5	402.9	416.0	405.1	399.4	401.5	386.5
Kuwait	164	161	62.0	22.2	13.8	1.9	0.4	1.4	368.6	374.9	382.3	390.9	457.3	418.7
Latvia	213	204	7.8	38.8	46.3	7.0	0.5	3.8	535.9	524.2	527.4	520.4	506.6	508.2
Lithuania	250	245	17.4	39.5	41.5	1.6	0.9	0.5	524.8	539.3	538.7	541.1	562.6	572.4
Macao SAR	275	273	14.9	24.5	59.3	1.3	0.4	0.0	531.5	535.0	538.7	466.6	553.1	.
Montenegro	338	317	16.9	28.0	53.1	1.9	2.6	4.0	456.8	457.3	462.2	473.2	467.0	469.7
Morocco	303	274	26.5	21.6	47.9	3.9	0.9	5.9	388.8	393.9	388.9	405.9	511.6	366.6
Netherlands	188	113	22.6	27.2	35.0	15.2	3.5	32.9	517.5	525.2	514.9	511.1	499.2	517.3
New Zealand	396	194	48.9	19.8	27.4	4.0	3.8	45.2	522.8	523.4	526.7	526.8	520.3	508.5
North Macedonia	274	194	43.2	24.8	29.6	2.5	3.9	25.2	430.9	440.7	458.7	413.9	428.0	433.4
Norway (5)	314	209	4.7	36.9	49.8	8.6	4.1	26.6	542.4	532.3	534.8	523.7	532.7	522.7
Oman	287	269	55.2	29.0	14.6	1.2	3.2	2.6	429.3	437.9	436.7	448.5	411.2	442.7
Poland	267	258	4.5	25.5	62.1	7.9	3.1	0.7	563.1	544.4	549.3	555.5	566.3	572.0
Portugal	321	313	20.3	32.8	41.6	5.3	1.8	0.8	508.4	510.9	511.9	497.9	537.6	510.7
Qatar	283	275	60.9	25.6	12.8	0.7	1.2	2.3	463.9	478.0	484.6	479.2	486.0	543.2
Romania	188	119	35.6	21.5	39.8	3.0	3.5	34.2	530.4	536.9	532.9	532.9	522.7	514.4
Saudi Arabia	217	184	63.1	19.8	15.2	2.0	3.9	10.5	434.1	423.6	409.9	376.4	403.4	439.7
Serbia	213	212	17.7	38.4	42.6	1.4	0.4	0.0	508.2	510.0	510.6	500.0	526.3	.
Singapore	362	358	19.9	44.6	34.7	0.8	0.9	0.3	607.3	609.7	603.9	643.2	595.8	585.9
Slovak Republic	269	268	10.6	34.2	53.6	1.6	0.3	0.0	513.3	519.3	523.4	495.0	555.3	.
Slovenia	269	260	10.5	31.9	55.9	1.7	1.2	1.6	529.2	521.2	527.7	516.8	505.4	543.1
South Africa (5)	287	214	27.7	23.7	45.5	3.1	2.4	23.8	286.4	292.6	320.7	401.1	343.7	307.1
Spain	582	556	37.1	30.5	28.9	3.6	2.3	2.0	505.2	503.4	504.0	500.9	491.9	512.2
Sweden	250	198	12.8	45.1	40.1	1.9	4.4	14.5	541.1	537.5	528.8	528.2	509.9	529.4
Turkiye (5)	171	168	24.2	27.2	45.5	3.1	1.6	0.0	579.3	579.4	562.2	543.0	553.9	.
United Arab Emirates	1435	1201	54.2	34.2	11.0	0.6	2.1	11.2	506.5	488.5	482.0	495.4	459.6	481.2
United States	495	469	40.6	27.6	26.6	5.1	2.2	3.6	532.4	546.9	522.5	495.5	565.1	526.0
Uzbekistan	168	156	45.4	16.5	36.1	2.0	5.4	2.0	413.6	422.0	406.7	404.5	400.7	420.6
International Avg. (58)	17865	15459	30.6	29.1	36.7	3.7	3.2	9.3	495.1	495.6	494.2	489.7	498.8	491.3
Ontario, Canada	286	229	29.4	29.6	36.5	4.5	6.3	11.8	535.6	523.9	518.3	535.4	538.1	514.7
Quebec, Canada	215	187	16.2	31.8	41.3	10.7	2.0	8.0	512.1	504.4	506.9	507.7	510.3	512.1
Abu Dhabi, UAE	553	460	48.7	37.4	13.3	0.5	2.9	11.4	461.9	430.6	453.3	513.9	392.1	436.0
Dubai, UAE	359	307	51.8	37.3	10.7	0.2	1.7	9.4	563.1	574.3	549.5	496.1	540.5	534.8
Sharjah, UAE	284	224	71.8	18.6	8.3	1.3	1.4	14.9	516.6	478.9	467.9	505.8	518.8	486.6

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-02h (ATBS02H)

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
Albania	123	94	26.1	32.2	32.9	8.8	4.1	17.7	502.2	476.1	479.4	508.4	491.6	507.0
Armenia	211	188	31.5	25.6	36.9	6.0	6.9	1.9	453.6	454.6	460.3	474.2	452.5	461.0
Australia	347	232	10.1	24.2	34.3	31.4	4.8	27.0	543.7	557.5	557.1	546.5	531.4	545.2
Azerbaijan	271	211	24.5	25.9	40.2	9.3	8.3	12.8	407.8	417.0	434.6	425.8	413.2	420.6
Bahrain	212	212	33.3	28.9	24.8	13.0	0.0	0.0	468.0	479.2	470.0	493.0	.	.
Belgium (Flemish)	278	212	6.3	22.6	50.3	20.8	1.3	19.7	505.6	491.8	487.4	495.6	494.4	477.0
Belgium (French)	344	284	6.5	14.6	43.8	35.1	1.9	14.9	468.4	482.8	477.1	492.7	498.5	466.6
Bosnia & Herzegovina	236	167	9.2	12.6	64.4	13.8	8.5	20.2	462.1	438.7	448.0	454.8	465.3	438.8
Brazil	1047	885	28.1	25.7	39.4	6.8	12.3	1.6	417.8	434.2	431.8	405.3	412.1	437.3
Bulgaria	208	205	14.6	28.8	55.1	1.4	0.6	1.0	474.4	554.8	529.8	548.9	611.7	515.0
Canada	917	796	13.0	27.8	45.7	13.5	4.0	9.4	531.5	519.6	520.7	517.4	530.3	515.2
Chile	178	160	15.3	23.6	40.3	20.7	2.3	7.1	476.3	471.4	483.9	484.0	484.5	471.0
Chinese Taipei	238	234	4.8	21.2	51.2	22.8	1.2	0.0	575.2	573.4	572.9	571.9	551.0	.
Cyprus	267	260	3.7	12.3	30.0	54.0	1.3	1.5	515.6	491.1	487.7	484.1	480.2	476.8
Czech Republic	344	336	4.5	21.6	48.6	25.4	1.0	1.1	523.7	532.3	523.9	526.4	480.1	525.8
Denmark	278	180	4.4	25.0	51.1	19.5	14.5	19.5	524.7	517.2	525.9	520.2	520.4	521.9
England	178	122	9.8	24.0	39.5	26.7	3.6	23.3	546.8	558.9	559.0	562.0	547.1	550.7
Finland	369	348	11.8	32.8	45.5	9.9	1.7	2.7	548.1	542.9	540.0	549.3	551.1	509.7
France	306	239	4.2	17.2	45.0	33.5	3.3	18.1	514.4	476.2	488.4	490.0	504.9	486.0
Georgia	218	214	22.7	19.8	47.5	10.0	1.4	0.0	463.1	467.4	463.0	478.7	427.4	.
Germany	243	199	3.6	22.7	56.0	17.8	3.8	13.5	518.8	520.6	508.9	525.1	522.5	517.8
Hong Kong SAR	182	121	3.8	21.6	61.3	13.2	0.7	31.3	559.6	526.3	547.3	536.9	556.3	552.3
Hungary	263	215	3.0	15.1	62.2	19.7	0.5	15.7	540.0	520.9	526.3	513.9	452.9	530.6
Iran, Islamic Rep. of	224	224	38.1	32.5	21.4	7.9	0.0	0.0	426.3	431.6	446.3	423.6	.	.
Ireland	239	236	3.1	16.1	45.8	35.0	0.9	0.4	556.2	527.4	534.8	527.9	535.1	537.9
Italy	266	259	5.1	18.2	46.5	30.2	1.5	0.7	509.3	509.3	511.7	511.1	486.2	504.4
Japan	142	136	4.4	10.7	20.3	64.7	3.1	1.6	553.2	561.8	553.6	554.4	544.3	568.6
Jordan	224	216	24.0	24.5	34.4	17.1	2.6	0.3	434.3	415.8	401.8	434.6	391.8	336.1
Kazakhstan	303	241	57.8	24.1	16.2	1.9	17.5	1.3	461.0	466.3	486.8	508.7	461.4	484.2
Korea, Rep. of	199	171	6.8	22.9	32.5	37.9	6.1	7.9	589.7	586.0	578.1	587.9	577.4	575.3
Kosovo	231	198	26.9	11.5	37.5	24.0	5.7	9.5	391.6	388.0	413.0	415.1	404.5	386.5
Kuwait	164	161	24.1	21.8	35.0	19.2	0.4	1.4	365.6	380.1	382.6	353.3	457.3	418.7
Latvia	213	204	5.0	32.3	48.2	14.5	0.5	3.8	533.6	529.8	523.3	526.4	506.6	508.2
Lithuania	250	246	14.2	30.9	48.0	6.9	0.6	0.5	520.8	536.8	542.6	526.8	561.5	572.4
Macao SAR	275	273	2.3	14.2	56.5	27.0	0.4	0.0	503.2	535.2	537.7	534.5	553.1	.
Montenegro	338	316	10.6	19.3	54.0	16.1	2.6	4.0	460.3	452.6	461.4	464.5	467.9	469.7
Morocco	303	273	7.0	12.6	44.1	36.3	0.9	5.9	388.3	391.2	398.4	381.3	505.1	366.6
Netherlands	188	112	10.2	21.6	41.3	26.9	3.8	32.9	498.7	531.0	516.1	516.7	500.6	517.3
New Zealand	396	194	6.5	6.2	38.7	48.6	3.8	45.2	516.0	516.7	524.6	525.8	520.3	508.5
North Macedonia	274	193	38.5	21.5	32.4	7.6	4.6	25.2	429.4	440.7	449.9	453.6	442.1	433.4
Norway (5)	314	209	2.3	24.8	56.9	16.0	4.1	26.6	523.9	529.6	534.5	536.0	532.7	522.7
Oman	287	269	28.0	22.1	29.9	19.9	3.2	2.6	430.1	424.0	442.6	433.3	411.2	442.7
Poland	267	260	3.6	12.9	59.0	24.5	2.4	0.7	560.0	544.3	550.5	548.6	552.5	572.0
Portugal	321	312	9.1	24.4	44.0	22.5	2.1	0.8	497.0	510.1	514.7	506.3	535.5	510.7
Qatar	283	276	26.0	29.2	32.7	12.1	0.9	2.3	456.9	482.1	466.6	475.8	550.6	543.2
Romania	188	119	33.3	27.7	38.1	0.8	3.5	34.2	524.2	539.7	535.8	516.7	522.7	514.4
Saudi Arabia	217	184	31.6	25.7	28.6	14.1	3.9	10.5	420.6	432.2	432.7	421.9	403.4	439.7
Serbia	213	212	12.6	21.9	53.8	11.7	0.4	0.0	504.7	505.9	509.5	523.9	526.3	.
Singapore	362	357	2.5	19.8	46.6	31.1	1.1	0.3	615.9	607.3	606.2	609.2	590.0	585.9
Slovak Republic	269	267	7.0	26.5	56.7	9.8	0.6	0.0	509.5	515.7	524.5	516.7	558.8	.
Slovenia	269	260	6.6	20.7	60.8	11.9	1.2	1.6	524.7	527.1	524.3	530.4	505.4	543.1
South Africa (5)	287	215	9.2	18.6	40.7	31.5	2.5	23.8	262.7	305.3	303.3	323.9	359.7	307.1
Spain	582	554	7.2	17.7	45.2	29.9	2.3	2.0	497.7	505.9	502.7	506.8	492.4	512.2
Sweden	250	198	1.9	13.5	44.5	40.1	4.4	14.5	519.7	539.9	534.0	533.5	509.9	529.4
Turkiye (5)	171	168	15.3	18.5	53.5	12.7	1.6	0.0	583.2	582.4	567.8	548.3	553.9	.
United Arab Emirates	1435	1199	28.1	35.5	28.1	8.2	2.1	11.2	499.1	490.8	498.0	519.7	461.4	481.2
United States	495	468	16.4	26.7	34.9	22.0	2.3	3.6	530.4	538.3	531.4	526.1	562.7	526.0
Uzbekistan	168	156	39.0	19.0	36.7	5.2	5.3	2.0	411.7	428.0	408.8	385.2	400.8	420.6
International Avg. (58)	17865	15450	14.8	21.9	42.9	20.3	3.2	9.3	492.3	495.1	496.1	496.8	498.7	491.3
Ontario, Canada	286	228	13.4	24.3	48.0	14.3	6.6	11.8	529.0	527.1	522.6	531.7	537.2	514.7
Quebec, Canada	215	187	10.9	28.7	46.5	13.9	2.0	8.0	513.5	503.4	509.7	500.5	510.3	512.1
Abu Dhabi, UAE	553	458	22.9	40.2	27.6	9.3	3.0	11.4	445.7	435.8	455.1	500.5	392.4	436.0
Dubai, UAE	359	308	23.9	36.2	31.0	8.9	1.5	9.4	557.0	571.4	561.5	575.3	563.4	534.8
Sharjah, UAE	284	223	39.7	28.8	22.2	9.3	1.4	14.9	519.5	500.2	496.3	483.4	518.2	486.6

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-03a (ATBS03A)

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
Albania	123	93	88.3	11.7	0.0	5.3	17.7	487.7	486.1	.	480.6	507.0
Armenia	211	188	91.3	7.3	1.5	6.8	1.9	458.3	452.8	446.1	450.6	461.0
Australia	347	236	72.1	24.7	3.2	3.2	27.0	555.5	543.7	529.4	537.2	545.2
Azerbaijan	271	210	81.7	17.9	0.4	8.9	12.8	423.5	416.9	408.2	417.0	420.6
Bahrain	212	212	93.6	6.4	0.0	0.0	0.0	477.1	444.3	.	.	.
Belgium (Flemish)	278	212	51.1	44.7	4.3	1.4	19.7	492.4	490.1	484.8	503.6	477.0
Belgium (French)	344	284	87.7	11.2	1.0	1.9	14.9	483.4	477.2	496.4	498.5	466.6
Bosnia & Herzegovina	236	171	92.3	7.7	0.0	6.2	20.2	449.2	461.5	.	458.3	438.8
Brazil	1047	894	82.8	16.9	0.2	12.3	1.6	429.1	416.4	421.9	410.0	437.3
Bulgaria	208	206	88.9	11.1	0.0	0.0	1.0	530.7	521.8	.	.	515.0
Canada	917	795	82.7	16.1	1.2	4.1	9.4	520.4	527.6	506.3	529.7	515.2
Chile	178	160	82.7	15.9	1.4	2.3	7.1	481.3	473.5	458.2	484.5	471.0
Chinese Taipei	238	228	69.2	30.8	0.0	4.6	0.0	574.2	569.9	.	567.3	.
Cyprus	267	249	84.9	15.1	0.0	5.9	1.5	489.3	475.9	.	484.9	476.8
Czech Republic	344	337	71.5	27.3	1.2	0.5	1.1	529.5	518.5	517.1	430.4	525.8
Denmark	278	182	71.1	28.1	0.8	13.8	19.5	524.6	518.7	475.2	520.2	521.9
England	178	124	74.1	25.1	0.8	3.0	23.3	558.2	558.7	577.3	546.8	550.7
Finland	369	348	61.2	37.0	1.8	1.7	2.7	540.8	546.7	533.9	551.2	509.7
France	306	239	71.2	28.1	0.7	3.3	18.1	487.1	489.8	493.1	504.9	486.0
Georgia	218	214	53.9	45.8	0.3	1.8	0.0	469.3	461.0	505.3	431.4	.
Germany	243	201	80.4	19.5	0.1	2.8	13.5	518.4	500.7	456.6	521.7	517.8
Hong Kong SAR	182	121	53.7	45.1	1.2	0.8	31.3	555.8	523.6	600.6	558.9	552.3
Hungary	263	215	77.5	21.9	0.7	0.5	15.7	524.8	524.0	354.0	452.9	530.6
Iran, Islamic Rep. of	224	223	82.6	16.8	0.5	0.4	0.0	432.2	433.3	413.4	388.4	.
Ireland	239	237	71.3	26.9	1.8	0.5	0.4	531.7	531.6	538.7	543.4	537.9
Italy	266	262	94.3	5.7	0.0	0.9	0.7	510.9	505.9	.	506.5	504.4
Japan	142	136	59.4	39.1	1.5	3.3	1.6	552.1	560.0	549.0	538.7	568.6
Jordan	224	217	83.9	16.1	0.0	2.4	0.3	421.5	398.4	.	423.8	336.1
Kazakhstan	303	232	74.9	24.6	0.6	21.3	1.3	462.4	484.0	477.1	460.9	484.2
Korea, Rep. of	199	173	42.4	53.3	4.3	4.7	7.9	588.2	581.1	590.4	573.7	575.3
Kosovo	231	198	89.8	10.2	0.0	4.7	9.5	404.5	408.9	.	403.8	386.5
Kuwait	164	162	78.7	21.3	0.0	0.0	1.4	383.9	331.2	.	.	418.7
Latvia	213	204	75.6	23.6	0.8	0.5	3.8	528.9	519.1	501.0	506.6	508.2
Lithuania	250	246	60.1	39.9	0.0	0.6	0.5	534.6	539.6	.	561.5	572.4
Macao SAR	275	274	74.3	24.5	1.2	0.0	0.0	539.4	525.8	518.0	589.8	.
Montenegro	338	320	93.8	6.2	0.0	2.4	4.0	460.9	450.2	441.0	461.5	469.7
Morocco	303	257	94.7	5.3	0.0	6.7	5.9	395.5	390.0	.	346.0	366.6
Netherlands	188	112	43.0	44.2	12.9	4.0	32.9	519.6	517.3	512.5	501.8	517.3
New Zealand	396	193	66.4	27.8	5.8	4.1	45.2	527.0	523.1	500.9	517.9	508.5
North Macedonia	274	198	89.8	10.2	0.0	2.9	25.2	441.4	436.7	.	427.5	433.4
Norway (5)	314	209	64.9	35.1	0.0	4.2	26.6	533.4	533.6	.	529.7	522.7
Oman	287	269	74.2	25.5	0.3	3.2	2.6	435.7	425.0	374.2	419.8	442.7
Poland	267	258	87.0	13.0	0.0	3.0	0.7	549.2	552.7	.	549.6	572.0
Portugal	321	314	88.9	11.1	0.0	1.4	0.8	511.1	504.5	.	527.5	510.7
Qatar	283	276	91.5	8.0	0.5	1.0	2.3	471.2	461.7	516.2	451.2	543.2
Romania	188	119	89.8	10.2	0.0	3.5	34.2	531.8	541.6	.	523.7	514.4
Saudi Arabia	217	187	90.9	8.2	0.9	2.6	10.5	428.1	414.7	390.7	408.0	439.7
Serbia	213	210	86.4	13.6	0.0	1.7	0.0	512.2	494.1	.	517.1	.
Singapore	362	357	62.5	36.9	0.6	1.1	0.3	608.5	605.6	623.9	598.3	585.9
Slovak Republic	269	266	60.9	38.3	0.8	1.0	0.0	529.4	506.3	507.8	540.1	.
Slovenia	269	259	69.4	29.8	0.7	2.0	1.6	526.6	523.9	503.4	512.7	543.1
South Africa (5)	287	209	83.3	16.7	0.0	3.9	23.8	307.1	301.8	.	344.4	307.1
Spain	582	556	83.8	16.1	0.1	2.3	2.0	504.7	500.6	514.2	495.4	512.2
Sweden	250	197	79.2	20.3	0.5	4.7	14.5	537.5	521.1	526.6	514.3	529.4
Turkiye (5)	171	169	64.5	35.0	0.5	1.2	0.0	572.7	567.4	504.2	542.3	.
United Arab Emirates	1435	1200	88.9	11.0	0.1	2.0	11.2	502.6	456.7	534.5	458.3	481.2
United States	495	470	73.1	24.6	2.2	2.0	3.6	535.0	528.9	472.4	559.3	526.0
Uzbekistan	168	157	86.7	13.3	0.0	5.2	2.0	412.2	411.0	.	405.1	420.6
International Avg. (58)	17865	15445	77.0	22.0	1.0	3.4	9.3	496.6	489.4	494.1	490.7	491.3
Ontario, Canada	286	229	79.9	17.4	2.6	6.6	11.8	524.9	533.3	505.7	536.7	514.7
Quebec, Canada	215	186	89.3	10.7	0.0	2.6	8.0	506.3	512.1	.	514.4	512.1
Abu Dhabi, UAE	553	458	84.8	15.1	0.2	2.8	11.4	452.2	430.1	570.3	397.6	436.0
Dubai, UAE	359	308	92.0	7.9	0.2	1.4	9.4	567.9	539.1	496.1	545.6	534.8
Sharjah, UAE	284	223	94.7	5.3	0.0	1.9	14.9	509.8	428.6	.	509.6	486.6

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-03b (ATBS03B)

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
Albania	123	93	76.5	23.1	0.4	5.3	17.7	491.0	476.3	465.9	480.6	507.0
Armenia	211	187	52.4	42.1	5.6	7.0	1.9	462.7	453.0	448.4	449.6	461.0
Australia	347	235	81.5	15.3	3.3	4.1	27.0	553.4	550.1	529.4	534.4	545.2
Azerbaijan	271	208	64.1	34.6	1.2	9.5	12.8	421.5	423.5	421.7	417.8	420.6
Bahrain	212	212	86.6	13.4	0.0	0.0	0.0	478.1	455.1	.	.	.
Belgium (Flemish)	278	212	49.8	49.3	0.9	1.4	19.7	489.3	493.3	461.8	503.6	477.0
Belgium (French)	344	282	87.1	11.3	1.6	2.7	14.9	483.9	472.4	506.1	489.3	466.6
Bosnia & Herzegovina	236	171	73.2	24.0	2.7	6.2	20.2	448.5	453.0	468.6	458.3	438.8
Brazil	1047	891	60.1	37.2	2.8	12.4	1.6	434.2	418.6	383.8	409.5	437.3
Bulgaria	208	206	58.9	41.1	0.0	0.0	1.0	532.1	526.3	.	.	515.0
Canada	917	795	74.8	23.6	1.6	4.1	9.4	520.3	524.0	533.8	529.7	515.2
Chile	178	160	72.1	27.1	0.8	2.3	7.1	481.1	477.2	450.2	484.5	471.0
Chinese Taipei	238	228	59.5	40.5	0.0	4.6	0.0	577.3	566.4	.	567.3	.
Cyprus	267	249	96.1	3.9	0.0	5.9	1.5	488.3	463.0	.	484.9	476.8
Czech Republic	344	336	40.8	54.0	5.2	1.0	1.1	533.8	521.0	523.5	478.1	525.8
Denmark	278	182	67.9	29.5	2.6	13.8	19.5	525.1	518.5	502.3	520.2	521.9
England	178	123	91.1	8.9	0.0	3.7	23.3	558.9	556.2	.	545.0	550.7
Finland	369	349	19.9	74.7	5.4	1.3	2.7	544.4	544.5	515.2	547.0	509.7
France	306	237	62.4	35.5	2.1	3.9	18.1	486.1	489.1	507.7	507.8	486.0
Georgia	218	214	53.2	46.5	0.3	1.8	0.0	463.9	467.2	505.3	431.4	.
Germany	243	201	67.0	30.8	2.2	2.8	13.5	519.8	504.0	517.0	521.7	517.8
Hong Kong SAR	182	121	59.9	40.1	0.0	0.8	31.3	542.9	540.2	.	558.9	552.3
Hungary	263	214	54.4	42.8	2.8	1.0	15.7	527.1	520.3	502.6	486.0	530.6
Iran, Islamic Rep. of	224	222	77.5	22.5	0.0	0.8	0.0	432.2	431.2	.	448.9	.
Ireland	239	237	84.3	14.9	0.8	0.5	0.4	530.6	539.4	519.6	543.4	537.9
Italy	266	261	78.9	21.0	0.2	1.2	0.7	512.1	506.3	396.2	506.7	504.4
Japan	142	136	87.7	12.3	0.0	3.3	1.6	555.1	555.9	.	538.7	568.6
Jordan	224	215	78.5	21.5	0.0	4.2	0.3	419.6	408.5	.	434.0	336.1
Kazakhstan	303	233	65.4	34.6	0.0	21.0	1.3	465.0	474.5	.	458.8	484.2
Korea, Rep. of	199	173	67.2	30.4	2.4	4.7	7.9	587.9	577.0	584.9	573.7	575.3
Kosovo	231	197	48.7	51.0	0.3	5.2	9.5	407.0	403.4	364.2	401.4	386.5
Kuwait	164	162	83.5	16.5	0.0	0.0	1.4	373.1	370.8	.	.	418.7
Latvia	213	204	64.0	35.4	0.6	0.5	3.8	532.4	516.1	492.6	506.6	508.2
Lithuania	250	246	56.1	43.2	0.8	0.6	0.5	533.5	540.1	566.7	561.5	572.4
Macao SAR	275	274	76.1	22.4	1.5	0.0	0.0	539.7	524.3	509.1	589.8	.
Montenegro	338	320	78.7	20.9	0.5	2.4	4.0	464.1	447.2	405.3	461.5	469.7
Morocco	303	257	86.8	13.2	0.0	6.7	5.9	391.6	418.8	.	346.0	366.6
Netherlands	188	112	32.4	47.6	20.1	4.0	32.9	523.7	515.6	512.8	501.8	517.3
New Zealand	396	193	68.8	27.2	3.9	4.1	45.2	525.2	528.3	482.0	517.9	508.5
North Macedonia	274	197	72.7	26.4	0.9	3.0	25.2	444.6	429.2	499.7	425.8	433.4
Norway (5)	314	209	53.3	42.9	3.7	4.2	26.6	534.7	533.9	510.2	529.7	522.7
Oman	287	269	90.7	9.3	0.0	3.2	2.6	434.5	416.1	.	419.8	442.7
Poland	267	259	59.7	38.4	1.9	2.7	0.7	548.5	550.8	562.8	550.2	572.0
Portugal	321	312	88.6	11.1	0.3	2.1	0.8	509.9	514.9	485.3	521.2	510.7
Qatar	283	276	91.7	8.2	0.1	1.0	2.3	468.3	498.2	425.3	451.2	543.2
Romania	188	118	73.3	26.7	0.0	4.2	34.2	533.3	529.4	.	533.5	514.4
Saudi Arabia	217	187	85.0	13.4	1.6	2.6	10.5	428.2	420.8	396.7	408.0	439.7
Serbia	213	211	71.8	28.2	0.0	1.0	0.0	514.1	498.5	.	525.8	.
Singapore	362	356	75.3	24.4	0.3	1.4	0.3	611.6	594.5	659.9	596.5	585.9
Slovak Republic	269	266	61.9	37.3	0.8	1.0	0.0	530.0	504.8	507.8	540.1	.
Slovenia	269	258	62.9	34.6	2.5	1.8	1.6	527.0	524.1	520.6	499.4	543.1
South Africa (5)	287	210	66.5	33.0	0.5	3.7	23.8	304.2	310.6	285.0	346.5	307.1
Spain	582	554	71.8	26.5	1.6	2.5	2.0	505.4	500.4	503.7	498.2	512.2
Sweden	250	197	64.5	35.1	0.4	4.7	14.5	538.5	526.4	510.4	514.3	529.4
Turkiye (5)	171	168	87.8	12.2	0.0	1.7	0.0	571.9	559.0	.	556.2	.
United Arab Emirates	1435	1200	87.3	12.6	0.1	2.0	11.2	502.8	461.8	424.7	458.3	481.2
United States	495	470	68.9	27.6	3.5	2.0	3.6	536.0	527.5	492.1	559.3	526.0
Uzbekistan	168	154	70.9	28.4	0.7	6.9	2.0	413.2	409.3	365.6	411.0	420.6
International Avg. (58)	17865	15419	69.8	28.6	1.6	3.6	9.3	496.8	491.1	481.6	493.5	491.3
Ontario, Canada	286	229	70.1	27.0	2.9	6.6	11.8	525.0	526.7	538.6	536.7	514.7
Quebec, Canada	215	186	79.8	19.1	1.1	2.6	8.0	507.3	504.6	515.2	514.4	512.1
Abu Dhabi, UAE	553	458	84.4	15.4	0.1	2.8	11.4	452.0	434.2	334.8	397.6	436.0
Dubai, UAE	359	308	92.6	7.3	0.2	1.4	9.4	568.6	528.1	496.1	545.6	534.8
Sharjah, UAE	284	223	89.8	10.2	0.0	1.9	14.9	508.6	478.6	.	509.6	486.6

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-03c (ATBS03C)

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
Albania	123	92	58.6	39.2	2.2	5.8	17.7	499.7	470.8	459.2	481.7	507.0
Armenia	211	186	43.7	53.0	3.3	8.0	1.9	461.8	453.5	465.7	453.3	461.0
Australia	347	235	36.0	56.7	7.3	4.1	27.0	557.5	551.0	533.6	534.4	545.2
Azerbaijan	271	204	56.6	42.8	0.6	11.3	12.8	429.7	413.4	378.6	417.5	420.6
Bahrain	212	212	55.2	42.1	2.7	0.0	0.0	482.1	466.8	457.5	.	.
Belgium (Flemish)	278	212	6.3	43.2	50.5	1.4	19.7	466.5	490.3	494.7	503.6	477.0
Belgium (French)	344	284	48.2	44.1	7.7	1.9	14.9	488.9	475.1	489.0	498.5	466.6
Bosnia & Herzegovina	236	170	25.7	63.0	11.3	6.3	20.2	456.5	446.2	457.9	457.5	438.8
Brazil	1047	894	33.2	51.1	15.6	12.2	1.6	435.7	427.0	408.0	410.1	437.3
Bulgaria	208	206	58.3	40.9	0.8	0.0	1.0	538.6	517.6	500.2	.	515.0
Canada	917	795	29.1	59.2	11.6	4.1	9.4	526.2	517.9	527.1	529.7	515.2
Chile	178	160	64.7	32.0	3.2	2.3	7.1	483.3	476.6	440.2	484.5	471.0
Chinese Taipei	238	227	27.3	60.9	11.8	5.1	0.0	579.3	571.4	564.5	570.9	.
Cyprus	267	249	39.4	54.8	5.8	5.9	1.5	493.5	486.9	448.2	484.9	476.8
Czech Republic	344	335	18.1	65.9	15.9	1.2	1.1	538.6	525.6	514.9	494.5	525.8
Denmark	278	182	29.6	58.1	12.3	13.8	19.5	518.7	527.1	510.6	520.2	521.9
England	178	123	37.9	60.3	1.8	3.5	23.3	560.4	557.2	562.9	547.5	550.7
Finland	369	349	4.2	65.1	30.6	1.3	2.7	563.2	541.6	542.8	547.0	509.7
France	306	239	33.5	59.5	7.0	3.3	18.1	490.3	487.9	476.5	504.9	486.0
Georgia	218	212	34.1	63.6	2.3	2.9	0.0	463.0	467.0	446.9	459.0	.
Germany	243	200	24.4	61.9	13.7	3.3	13.5	522.6	515.6	496.6	525.5	517.8
Hong Kong SAR	182	121	17.4	69.3	13.3	0.8	31.3	534.7	543.6	541.9	558.9	552.3
Hungary	263	215	18.3	53.0	28.7	0.5	15.7	525.3	526.4	516.9	452.9	530.6
Iran, Islamic Rep. of	224	223	59.2	38.0	2.8	0.4	0.0	437.0	425.8	419.4	388.4	.
Ireland	239	237	15.8	69.9	14.3	0.5	0.4	528.8	532.6	531.4	543.4	537.9
Italy	266	262	46.7	49.5	3.7	0.9	0.7	510.2	511.5	504.1	506.5	504.4
Japan	142	136	74.2	25.8	0.0	3.3	1.6	555.5	554.3	.	538.7	568.6
Jordan	224	217	48.1	48.5	3.3	2.4	0.3	425.8	411.8	389.5	423.8	336.1
Kazakhstan	303	233	49.4	49.3	1.3	21.2	1.3	451.8	484.3	511.2	457.9	484.2
Korea, Rep. of	199	172	21.3	58.6	20.1	5.0	7.9	594.8	579.7	587.0	576.8	575.3
Kosovo	231	197	53.3	45.6	1.1	5.0	9.5	403.4	406.3	413.5	404.6	386.5
Kuwait	164	160	39.4	57.1	3.5	1.4	1.4	370.7	371.9	392.6	411.0	418.7
Latvia	213	204	48.3	47.6	4.1	0.5	3.8	531.2	522.7	511.7	506.6	508.2
Lithuania	250	245	45.4	51.7	2.9	1.2	0.5	539.9	533.5	543.3	541.4	572.4
Macao SAR	275	274	32.6	55.7	11.7	0.0	0.0	534.3	535.5	541.2	589.8	.
Montenegro	338	320	50.7	46.1	3.2	2.4	4.0	460.5	462.1	431.0	461.5	469.7
Morocco	303	257	37.8	57.1	5.1	6.7	5.9	386.9	398.8	415.9	346.0	366.6
Netherlands	188	112	6.5	32.4	61.1	4.0	32.9	515.8	522.4	515.4	501.8	517.3
New Zealand	396	193	26.2	58.0	15.9	4.1	45.2	518.4	527.3	523.3	517.9	508.5
North Macedonia	274	197	49.0	49.0	2.0	3.2	25.2	436.9	445.5	435.9	425.1	433.4
Norway (5)	314	209	12.2	74.9	12.9	4.2	26.6	540.9	534.0	523.4	529.7	522.7
Oman	287	268	70.9	28.9	0.3	3.7	2.6	430.8	438.1	545.9	411.7	442.7
Poland	267	259	31.3	62.4	6.4	2.7	0.7	551.2	549.4	545.1	550.2	572.0
Portugal	321	314	35.8	60.2	4.0	1.4	0.8	510.0	510.6	510.9	527.5	510.7
Qatar	283	276	67.1	31.7	1.1	1.0	2.3	466.4	482.2	403.6	451.2	543.2
Romania	188	119	42.3	55.4	2.3	3.5	34.2	525.2	539.0	524.4	523.7	514.4
Saudi Arabia	217	183	43.9	47.4	8.7	4.3	10.5	426.4	428.0	420.8	415.7	439.7
Serbia	213	211	43.2	52.3	4.5	1.0	0.0	514.6	507.8	485.1	525.8	.
Singapore	362	356	16.9	67.3	15.9	1.4	0.3	615.5	607.0	602.4	584.5	585.9
Slovak Republic	269	266	38.9	49.7	11.4	1.0	0.0	530.6	523.7	471.3	540.1	.
Slovenia	269	260	25.6	63.7	10.6	1.2	1.6	522.6	527.0	524.6	505.4	543.1
South Africa (5)	287	209	30.2	64.9	4.9	3.9	23.8	291.7	309.6	352.2	344.4	307.1
Spain	582	555	51.1	42.4	6.5	2.3	2.0	505.2	503.0	503.0	494.6	512.2
Sweden	250	197	17.2	69.7	13.1	4.7	14.5	547.6	531.2	531.9	514.3	529.4
Turkiye (5)	171	169	60.8	38.3	0.9	1.2	0.0	578.8	558.5	512.8	542.3	.
United Arab Emirates	1435	1198	59.2	38.4	2.4	2.1	11.2	511.3	480.8	425.8	460.4	481.2
United States	495	469	32.1	54.4	13.6	2.1	3.6	534.9	533.9	517.9	561.3	526.0
Uzbekistan	168	155	70.9	29.1	0.0	6.2	2.0	412.9	409.0	.	410.5	420.6
International Avg. (58)	17865	15414	38.9	51.9	9.2	3.6	9.3	497.2	494.1	487.5	490.6	491.3
Ontario, Canada	286	229	30.0	56.1	13.9	6.6	11.8	529.3	523.3	528.9	536.7	514.7
Quebec, Canada	215	186	24.6	64.4	11.0	2.6	8.0	508.8	506.5	504.9	514.4	512.1
Abu Dhabi, UAE	553	458	49.3	47.1	3.5	2.8	11.4	463.5	441.5	350.7	397.6	436.0
Dubai, UAE	359	307	64.0	34.6	1.5	1.5	9.4	572.7	553.3	544.6	545.3	534.8
Sharjah, UAE	284	222	69.8	27.5	2.7	2.2	14.9	510.9	493.5	493.4	507.4	486.6

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-03d (ATBS03D)

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
Albania	123	92	73.3	26.7	0.0	5.6	17.7	493.2	472.2	.	479.8	507.0
Armenia	211	187	57.7	41.2	1.0	7.0	1.9	459.3	455.8	453.7	449.6	461.0
Australia	347	235	45.3	51.4	3.3	4.1	27.0	558.2	548.2	529.4	534.4	545.2
Azerbaijan	271	207	66.5	33.5	0.0	10.0	12.8	420.5	424.8	.	420.2	420.6
Bahrain	212	212	76.9	22.6	0.5	0.0	0.0	476.8	468.2	511.2	.	.
Belgium (Flemish)	278	212	6.8	60.8	32.4	1.4	19.7	470.6	493.4	491.0	503.6	477.0
Belgium (French)	344	284	52.5	41.6	6.0	1.9	14.9	484.5	480.4	485.1	498.5	466.6
Bosnia & Herzegovina	236	171	43.4	51.6	5.1	6.2	20.2	449.7	449.6	458.8	458.3	438.8
Brazil	1047	894	35.2	54.0	10.9	12.3	1.6	424.8	431.9	409.0	410.0	437.3
Bulgaria	208	206	63.3	33.7	3.0	0.0	1.0	534.3	518.5	559.9	.	515.0
Canada	917	793	48.5	48.1	3.5	4.3	9.4	524.4	519.2	509.3	529.5	515.2
Chile	178	159	59.8	37.8	2.4	2.8	7.1	481.3	479.4	464.4	469.3	471.0
Chinese Taipei	238	227	52.6	46.7	0.8	4.9	0.0	577.4	567.9	564.1	568.1	.
Cyprus	267	249	81.1	16.5	2.4	5.9	1.5	491.6	472.1	445.6	484.9	476.8
Czech Republic	344	336	10.7	55.6	33.8	1.0	1.1	532.2	527.2	523.2	478.1	525.8
Denmark	278	179	35.0	63.4	1.7	15.0	19.5	525.2	521.3	500.4	521.4	521.9
England	178	124	69.8	30.2	0.0	3.0	23.3	562.5	549.1	.	546.8	550.7
Finland	369	348	16.6	78.6	4.8	1.8	2.7	552.2	542.9	510.1	546.5	509.7
France	306	238	31.2	62.7	6.1	3.6	18.1	484.7	490.4	480.1	501.2	486.0
Georgia	218	212	21.6	65.7	12.7	2.6	0.0	462.6	468.3	455.0	449.1	.
Germany	243	200	27.1	61.8	11.1	3.3	13.5	525.8	512.7	499.0	525.5	517.8
Hong Kong SAR	182	121	45.6	54.4	0.0	0.8	31.3	550.6	534.5	.	558.9	552.3
Hungary	263	215	25.2	56.7	18.1	0.5	15.7	532.4	523.6	510.8	452.9	530.6
Iran, Islamic Rep. of	224	223	58.5	40.0	1.5	0.4	0.0	438.9	422.3	441.5	388.4	.
Ireland	239	237	24.3	66.0	9.7	0.5	0.4	537.2	531.2	522.4	543.4	537.9
Italy	266	262	56.8	40.7	2.5	0.9	0.7	507.6	513.6	533.0	506.5	504.4
Japan	142	136	58.3	41.7	0.0	3.3	1.6	554.6	555.9	.	538.7	568.6
Jordan	224	216	68.9	30.5	0.6	2.6	0.3	423.1	405.3	440.3	425.3	336.1
Kazakhstan	303	232	57.3	42.0	0.7	21.0	1.3	461.3	478.3	522.6	456.8	484.2
Korea, Rep. of	199	173	53.2	42.4	4.3	4.7	7.9	588.4	580.9	571.3	573.7	575.3
Kosovo	231	198	34.9	61.8	3.3	4.7	9.5	404.9	405.2	400.2	403.8	386.5
Kuwait	164	161	66.9	32.7	0.4	0.6	1.4	375.6	365.6	466.9	379.8	418.7
Latvia	213	204	49.9	48.6	1.6	0.5	3.8	526.1	526.2	539.2	506.6	508.2
Lithuania	250	245	43.3	54.5	2.1	1.2	0.5	537.0	535.6	556.4	549.2	572.4
Macao SAR	275	274	54.7	42.7	2.7	0.0	0.0	540.4	530.9	519.1	589.8	.
Montenegro	338	317	50.3	43.7	5.9	2.5	4.0	461.9	458.5	457.8	463.7	469.7
Morocco	303	256	68.4	31.6	0.0	7.6	5.9	396.1	392.0	.	356.6	366.6
Netherlands	188	112	6.9	38.6	54.4	4.0	32.9	524.4	519.4	515.6	501.8	517.3
New Zealand	396	193	28.5	59.2	12.3	4.1	45.2	527.0	523.9	520.5	517.9	508.5
North Macedonia	274	198	56.1	40.5	3.4	2.9	25.2	443.0	437.4	445.9	430.1	433.4
Norway (5)	314	208	30.7	64.4	4.9	5.0	26.6	541.2	530.7	524.9	527.7	522.7
Oman	287	269	77.5	22.5	0.0	3.2	2.6	432.8	432.8	.	419.8	442.7
Poland	267	259	35.7	55.9	8.5	2.7	0.7	549.9	549.0	553.3	550.2	572.0
Portugal	321	314	50.8	46.7	2.5	1.4	0.8	516.6	503.7	509.4	527.5	510.7
Qatar	283	275	76.6	22.7	0.7	1.3	2.3	464.1	493.6	486.2	437.2	543.2
Romania	188	118	41.9	54.0	4.2	3.8	34.2	535.8	535.4	465.9	527.0	514.4
Saudi Arabia	217	187	77.5	21.6	0.9	2.6	10.5	429.2	419.0	390.7	408.0	439.7
Serbia	213	211	38.6	57.7	3.7	1.0	0.0	519.3	503.7	502.7	525.8	.
Singapore	362	355	65.1	33.7	1.2	1.7	0.3	610.6	604.2	548.6	591.3	585.9
Slovak Republic	269	265	35.8	58.4	5.8	1.3	0.0	530.5	518.2	479.9	537.8	.
Slovenia	269	260	12.6	57.5	29.8	1.2	1.6	532.4	525.3	523.4	505.4	543.1
South Africa (5)	287	209	45.8	49.4	4.9	3.9	23.8	304.5	312.5	259.7	344.4	307.1
Spain	582	555	55.0	40.3	4.8	2.4	2.0	506.4	501.5	499.1	496.3	512.2
Sweden	250	196	65.6	33.7	0.7	5.0	14.5	535.3	531.8	546.2	514.5	529.4
Turkiye (5)	171	169	60.3	38.4	1.3	1.2	0.0	579.1	560.5	467.3	542.3	.
United Arab Emirates	1435	1199	74.2	24.8	1.0	2.0	11.2	505.9	476.6	394.3	459.5	481.2
United States	495	468	39.7	51.5	8.8	2.4	3.6	538.5	532.0	501.4	563.9	526.0
Uzbekistan	168	155	79.1	19.5	1.4	6.2	2.0	412.3	411.7	381.5	410.5	420.6
International Avg. (58)	17865	15410	49.1	44.9	6.0	3.6	9.3	497.7	492.7	487.2	489.4	491.3
Ontario, Canada	286	228	44.0	51.1	4.9	6.8	11.8	527.9	525.3	514.2	535.9	514.7
Quebec, Canada	215	185	57.3	40.2	2.5	2.8	8.0	508.4	504.9	501.5	516.3	512.1
Abu Dhabi, UAE	553	458	68.6	29.6	1.9	2.8	11.4	456.4	438.3	353.9	397.6	436.0
Dubai, UAE	359	307	78.4	21.4	0.2	1.4	9.4	569.4	552.2	481.5	546.4	534.8
Sharjah, UAE	284	223	79.7	19.3	1.0	1.9	14.9	511.8	478.8	520.6	509.6	486.6

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-03e (ATBS03E)

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
Albania	123	93	67.4	31.3	1.4	5.3	17.7	491.2	480.8	457.8	480.6	507.0
Armenia	211	187	42.4	53.0	4.6	7.0	1.9	464.5	451.3	470.5	449.6	461.0
Australia	347	235	54.0	41.8	4.2	4.1	27.0	553.5	552.9	525.2	534.4	545.2
Azerbaijan	271	209	42.6	54.7	2.7	9.3	12.8	416.6	428.6	381.8	417.9	420.6
Bahrain	212	212	64.9	33.6	1.5	0.0	0.0	481.2	461.4	511.7	.	.
Belgium (Flemish)	278	211	16.5	78.4	5.0	1.6	19.7	493.4	490.2	496.3	502.7	477.0
Belgium (French)	344	283	62.0	31.6	6.3	2.1	14.9	484.5	478.3	489.3	494.2	466.6
Bosnia & Herzegovina	236	170	26.2	70.9	2.8	6.8	20.2	460.0	446.3	453.5	457.9	438.8
Brazil	1047	894	37.9	54.6	7.5	12.3	1.6	436.9	424.6	393.2	410.0	437.3
Bulgaria	208	205	35.3	59.6	5.0	0.4	1.0	523.5	533.9	520.2	578.8	515.0
Canada	917	795	45.1	50.9	4.0	4.1	9.4	518.2	524.2	521.2	529.7	515.2
Chile	178	160	57.1	40.3	2.6	2.3	7.1	483.8	477.0	434.0	484.5	471.0
Chinese Taipei	238	228	81.1	18.9	0.0	4.6	0.0	573.6	569.7	.	567.3	.
Cyprus	267	249	67.0	30.2	2.8	5.9	1.5	491.1	481.8	455.1	484.9	476.8
Czech Republic	344	337	24.2	65.2	10.5	0.5	1.1	529.2	525.7	523.6	430.4	525.8
Denmark	278	181	41.8	54.6	3.5	14.2	19.5	524.8	521.2	513.2	521.0	521.9
England	178	124	65.2	34.8	0.0	3.0	23.3	560.4	554.8	.	546.8	550.7
Finland	369	349	5.1	83.8	11.1	1.3	2.7	530.2	546.3	523.3	547.0	509.7
France	306	239	36.0	59.0	5.0	3.3	18.1	485.6	489.5	486.0	504.9	486.0
Georgia	218	213	34.8	62.6	2.6	2.2	0.0	468.3	465.2	435.9	440.2	.
Germany	243	200	60.6	37.0	2.3	3.2	13.5	520.1	507.3	498.6	522.5	517.8
Hong Kong SAR	182	121	39.0	56.3	4.7	0.8	31.3	547.1	537.0	555.2	558.9	552.3
Hungary	263	215	17.3	71.8	11.0	0.5	15.7	542.6	522.4	500.3	452.9	530.6
Iran, Islamic Rep. of	224	223	76.5	22.5	1.0	0.4	0.0	437.6	412.6	464.0	388.4	.
Ireland	239	236	32.7	66.2	1.1	1.4	0.4	533.1	531.4	503.3	547.4	537.9
Italy	266	262	62.7	36.3	1.0	0.9	0.7	506.5	517.9	502.8	506.5	504.4
Japan	142	135	88.2	10.3	1.5	4.2	1.6	554.5	558.0	542.0	552.2	568.6
Jordan	224	217	63.8	35.6	0.6	2.4	0.3	421.5	410.9	433.5	423.8	336.1
Kazakhstan	303	231	53.5	45.3	1.2	21.6	1.3	464.0	473.0	512.7	457.9	484.2
Korea, Rep. of	199	173	71.9	22.6	5.5	4.7	7.9	587.7	577.9	569.8	573.7	575.3
Kosovo	231	198	38.5	59.5	2.0	4.7	9.5	406.0	404.3	402.7	403.8	386.5
Kuwait	164	161	70.4	29.6	0.0	0.6	1.4	367.1	385.8	.	379.8	418.7
Latvia	213	204	62.4	37.6	0.0	0.5	3.8	530.6	519.3	.	506.6	508.2
Lithuania	250	246	56.8	42.5	0.8	0.6	0.5	534.7	538.6	566.7	561.5	572.4
Macao SAR	275	274	59.3	38.9	1.8	0.0	0.0	537.8	533.7	515.8	589.8	.
Montenegro	338	319	57.1	41.4	1.5	2.4	4.0	460.5	460.8	438.0	461.6	469.7
Morocco	303	253	31.9	50.9	17.2	8.4	5.9	397.2	398.4	384.0	352.9	366.6
Netherlands	188	111	16.5	64.3	19.1	4.3	32.9	520.7	518.7	510.8	505.1	517.3
New Zealand	396	193	48.6	42.9	8.5	4.1	45.2	519.7	533.9	502.8	517.9	508.5
North Macedonia	274	198	60.4	39.1	0.5	2.9	25.2	441.0	442.1	321.0	430.1	433.4
Norway (5)	314	209	17.2	76.2	6.6	4.2	26.6	542.4	532.7	518.7	529.7	522.7
Oman	287	268	77.2	22.4	0.4	3.8	2.6	432.3	434.1	469.2	420.9	442.7
Poland	267	259	30.4	61.1	8.5	2.7	0.7	548.8	549.5	554.1	550.2	572.0
Portugal	321	314	49.1	48.3	2.5	1.4	0.8	514.0	506.9	506.9	527.5	510.7
Qatar	283	276	71.8	27.2	1.0	1.0	2.3	465.1	483.9	509.2	451.2	543.2
Romania	188	119	50.7	49.3	0.0	3.5	34.2	533.3	532.3	.	523.7	514.4
Saudi Arabia	217	187	71.4	26.5	2.1	2.6	10.5	432.1	415.2	386.1	408.0	439.7
Serbia	213	211	41.4	54.0	4.7	1.0	0.0	515.0	508.7	474.5	525.8	.
Singapore	362	357	61.0	38.2	0.8	1.1	0.3	608.2	606.5	600.8	598.3	585.9
Slovak Republic	269	266	50.7	48.8	0.5	1.0	0.0	528.2	513.1	442.0	540.1	.
Slovenia	269	259	33.2	57.7	9.1	1.5	1.6	525.7	526.0	522.3	511.8	543.1
South Africa (5)	287	209	37.5	58.2	4.3	3.9	23.8	288.6	319.0	287.5	344.4	307.1
Spain	582	556	60.8	36.4	2.8	2.3	2.0	504.4	503.1	508.9	495.4	512.2
Sweden	250	195	51.2	46.7	2.1	5.3	14.5	537.3	532.0	492.4	519.6	529.4
Turkiye (5)	171	169	63.5	36.1	0.4	1.2	0.0	576.6	559.2	613.0	542.3	.
United Arab Emirates	1435	1199	72.4	27.1	0.5	2.1	11.2	503.9	482.4	407.3	459.2	481.2
United States	495	470	41.8	51.7	6.5	2.0	3.6	540.2	529.5	501.1	559.3	526.0
Uzbekistan	168	155	71.6	27.7	0.7	6.2	2.0	415.1	404.3	365.6	410.5	420.6
International Avg. (58)	17865	15422	50.5	45.8	3.8	3.5	9.3	496.8	493.6	480.7	491.1	491.3
Ontario, Canada	286	229	31.3	63.0	5.7	6.6	11.8	519.3	529.0	527.2	536.7	514.7
Quebec, Canada	215	186	59.8	37.5	2.7	2.6	8.0	505.0	508.4	527.9	514.4	512.1
Abu Dhabi, UAE	553	458	64.1	34.9	1.1	2.8	11.4	449.3	451.3	365.2	397.6	436.0
Dubai, UAE	359	308	79.3	20.5	0.2	1.4	9.4	566.2	563.5	496.1	545.6	534.8
Sharjah, UAE	284	223	78.3	21.7	0.0	1.9	14.9	509.6	491.1	.	509.6	486.6

Question: How often do you do the following when teaching this class? Develop students' positive attitudes toward the natural environment
Location: TQS-04a (ATBS04A)

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 %	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	Omitted Mean	Not Administered Mean
Albania	123	90	56.3	27.2	16.6	0.0	8.6	17.7	496.0	460.2	498.1	.	490.9	507.0
Armenia	211	194	96.4	2.7	0.6	0.2	4.3	1.9	457.7	464.5	446.3	462.0	443.7	461.0
Australia	347	235	51.3	35.6	12.4	0.7	3.6	27.0	551.4	559.0	536.6	484.9	537.3	545.2
Azerbaijan	271	212	90.3	9.5	0.2	0.0	8.7	12.8	421.2	426.7	434.3	.	421.6	420.6
Bahrain	212	211	76.7	22.4	0.9	0.0	0.5	0.0	477.6	466.5	469.1	.	463.1	.
Belgium (Flemish)	278	211	39.7	44.5	15.4	0.4	1.8	19.7	497.4	488.1	483.0	503.1	500.8	477.0
Belgium (French)	344	284	47.0	32.7	18.9	1.4	1.9	14.9	477.1	490.2	484.2	469.7	505.9	466.6
Bosnia & Herzegovina	236	171	89.1	9.9	1.1	0.0	7.8	20.2	448.8	457.8	457.5	.	459.9	438.8
Brazil	1047	886	72.4	17.5	10.0	0.2	13.6	1.6	429.2	417.3	431.5	358.2	409.8	437.3
Bulgaria	208	206	89.6	9.8	0.6	0.0	0.0	1.0	529.3	534.4	513.1	.	.	515.0
Canada	917	790	52.6	33.9	12.3	1.3	4.7	9.4	524.9	518.9	510.8	542.5	528.7	515.2
Chile	178	159	81.8	14.9	2.4	0.8	2.9	7.1	480.6	477.5	465.6	450.2	492.2	471.0
Chinese Taipei	238	236	63.9	33.2	2.9	0.0	0.4	0.0	573.5	570.2	586.0	.	522.3	.
Cyprus	267	261	65.2	27.9	6.9	0.0	0.8	1.5	490.2	473.5	514.7	.	475.2	476.8
Czech Republic	344	337	68.5	25.5	5.9	0.0	0.6	1.1	525.4	530.4	521.3	.	432.1	525.8
Denmark	278	182	15.7	56.4	24.4	3.5	14.0	19.5	525.2	523.5	519.6	512.9	520.7	521.9
England	178	122	42.0	42.3	15.6	0.0	4.2	23.3	553.0	565.8	556.9	.	540.6	550.7
Finland	369	348	61.0	33.3	5.7	0.1	1.5	2.7	543.6	541.6	547.0	442.2	534.2	509.7
France	306	239	51.2	35.5	13.3	0.0	3.3	18.1	489.2	485.2	490.5	.	504.9	486.0
Georgia	218	215	74.0	19.3	6.7	0.0	1.2	0.0	466.7	469.8	432.2	.	464.4	.
Germany	243	200	55.2	41.2	3.5	0.1	3.2	13.5	516.9	510.9	537.2	456.6	515.7	517.8
Hong Kong SAR	182	120	34.6	43.1	22.4	0.0	1.5	31.3	539.2	541.1	544.2	.	581.7	552.3
Hungary	263	212	90.8	8.8	0.4	0.0	1.5	15.7	522.4	535.1	539.0	.	493.5	530.6
Iran, Islamic Rep. of	224	224	75.1	20.6	4.3	0.0	0.0	0.0	431.2	438.0	419.5	.	.	.
Ireland	239	234	56.1	36.4	7.4	0.1	1.3	0.4	535.5	526.5	528.8	503.0	544.9	537.9
Italy	266	259	87.1	11.0	1.7	0.2	1.9	0.7	508.7	522.6	516.1	501.9	521.7	504.4
Japan	142	137	16.9	53.7	24.7	4.8	2.5	1.6	557.6	556.3	555.7	529.9	534.8	568.6
Jordan	224	217	77.7	19.5	2.9	0.0	2.3	0.3	419.1	418.7	406.3	.	385.9	336.1
Kazakhstan	303	242	89.8	8.3	1.6	0.3	18.3	1.3	470.6	439.4	496.7	576.7	455.1	484.2
Korea, Rep. of	199	171	49.8	39.8	7.6	2.8	5.6	7.9	584.9	583.1	587.1	585.6	577.7	575.3
Kosovo	231	198	79.5	19.7	0.8	0.0	4.5	9.5	405.5	404.0	406.6	.	397.4	386.5
Kuwait	164	161	68.4	28.2	3.4	0.0	0.5	1.4	374.5	372.0	329.6	.	445.4	418.7
Latvia	213	206	65.5	25.4	8.7	0.3	0.0	3.8	531.2	515.8	518.8	541.2	.	508.2
Lithuania	250	246	74.7	23.2	2.1	0.0	0.6	0.5	533.8	544.7	547.9	.	561.5	572.4
Macao SAR	275	274	37.4	40.4	20.1	2.1	0.0	0.0	539.9	526.8	546.5	533.5	589.8	.
Montenegro	338	316	87.7	9.7	2.7	0.0	3.1	4.0	460.6	467.1	412.8	.	471.6	469.7
Morocco	303	274	74.1	22.3	3.6	0.0	0.3	5.9	392.0	395.5	366.2	.	336.1	366.6
Netherlands	188	112	33.9	49.4	14.5	2.2	5.2	32.9	523.6	516.5	506.3	522.0	507.1	517.3
New Zealand	396	195	45.8	33.9	17.6	2.7	3.8	45.2	522.9	527.2	529.3	473.4	519.9	508.5
North Macedonia	274	196	87.8	9.6	2.5	0.0	3.2	25.2	445.6	412.3	392.4	.	425.4	433.4
Norway (5)	314	209	40.6	52.1	7.4	0.0	4.2	26.6	538.9	529.7	530.1	.	529.7	522.7
Oman	287	268	84.5	14.2	1.3	0.0	3.6	2.6	430.7	430.9	457.9	.	465.7	442.7
Poland	267	261	60.3	32.2	7.5	0.0	2.0	0.7	550.5	550.7	537.6	.	553.5	572.0
Portugal	321	313	83.7	12.1	3.4	0.7	1.8	0.8	510.1	513.0	503.0	543.9	517.6	510.7
Qatar	283	274	74.1	22.4	3.5	0.0	2.9	2.3	468.6	475.8	473.4	.	473.7	543.2
Romania	188	121	89.1	7.7	3.3	0.0	2.8	34.2	531.4	537.7	556.7	.	523.9	514.4
Saudi Arabia	217	185	74.8	19.7	4.6	0.9	3.5	10.5	427.4	430.9	415.9	390.7	399.7	439.7
Serbia	213	212	90.5	7.5	2.1	0.0	0.4	0.0	512.2	484.3	499.0	.	526.3	.
Singapore	362	359	31.4	37.9	29.6	1.0	0.6	0.3	609.2	610.7	602.0	598.8	584.1	585.9
Slovak Republic	269	265	80.7	14.7	4.6	0.0	1.3	0.0	519.0	526.9	529.5	.	519.6	.
Slovenia	269	257	76.5	19.1	4.4	0.0	2.2	1.6	527.0	520.6	524.0	.	511.5	543.1
South Africa (5)	287	218	68.7	19.8	10.9	0.5	1.5	23.8	321.6	276.3	279.4	186.1	349.9	307.1
Spain	582	555	77.3	19.9	2.8	0.0	2.3	2.0	502.9	508.1	504.8	.	497.1	512.2
Sweden	250	197	55.8	34.1	9.2	0.9	4.7	14.5	532.9	533.2	546.1	521.9	514.3	529.4
Turkiye (5)	171	169	73.2	25.1	1.6	0.0	1.4	0.0	570.5	566.3	585.1	.	601.9	.
United Arab Emirates	1435	1194	78.9	16.8	3.9	0.3	2.6	11.2	499.6	494.2	467.8	399.8	483.3	481.2
United States	495	469	53.1	29.1	15.4	2.4	2.2	3.6	532.0	535.9	527.2	.	506.0	526.0
Uzbekistan	168	156	94.0	5.2	0.0	0.8	5.5	2.0	412.5	413.0	.	367.3	404.5	420.6
International Avg. (58)	17865	15465	66.5	25.3	7.6	0.5	3.3	9.3	496.1	493.3	493.4	480.2	493.5	491.3
Ontario, Canada	286	226	56.1	33.5	8.6	1.7	7.1	11.8	522.3	531.0	527.7	536.7	535.1	514.7
Quebec, Canada	215	184	38.5	38.0	22.6	0.8	3.7	8.0	512.2	504.0	501.3	519.8	517.1	512.1
Abu Dhabi, UAE	553	460	73.3	19.9	6.3	0.5	2.6	11.4	449.2	456.9	431.9	320.5	396.2	436.0
Dubai, UAE	359	305	77.5	18.9	3.4	0.2	2.3	9.4	567.5	565.1	542.6	496.1	535.6	534.8
Sharjah, UAE	284	219	86.3	12.0	1.3	0.4	3.8	14.9	509.1	469.4	457.3	533.5	544.7	486.6

Question: How often do you do the following when teaching this class? Encourage students to use less resources (e.g., <water, energy>)
Location: TQS-04b (ATBS04B)

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 %	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	Omitted Mean	Not Administered Mean
Albania	123	90	49.1	27.6	21.9	1.4	8.6	17.7	489.6	480.4	488.8	473.1	490.9	507.0
Armenia	211	193	85.4	11.4	1.6	1.6	5.2	1.9	459.3	445.7	478.8	455.5	442.9	461.0
Australia	347	234	40.6	38.0	20.0	1.4	4.0	27.0	550.1	555.2	550.8	514.7	540.5	545.2
Azerbaijan	271	209	61.4	35.6	1.1	1.8	9.3	12.8	422.5	417.3	458.5	462.6	421.6	420.6
Bahrain	212	210	74.5	20.9	4.6	0.0	1.1	0.0	474.6	472.3	491.2	.	485.4	.
Belgium (Flemish)	278	210	35.1	40.6	22.8	1.5	2.1	19.7	493.2	498.2	476.4	477.1	494.8	477.0
Belgium (French)	344	284	55.4	23.7	19.3	1.6	1.9	14.9	478.8	495.5	479.0	467.7	505.9	466.6
Bosnia & Herzegovina	236	170	76.2	22.1	0.8	1.0	8.2	20.2	445.9	463.2	457.0	434.9	460.1	438.8
Brazil	1047	885	72.2	22.3	4.4	1.1	13.8	1.6	429.3	420.6	416.4	480.9	409.4	437.3
Bulgaria	208	206	87.8	10.8	1.4	0.0	0.0	1.0	529.7	528.6	539.6	.	.	515.0
Canada	917	791	45.9	35.0	16.5	2.6	4.6	9.4	523.1	519.7	513.0	568.7	528.3	515.2
Chile	178	159	73.4	22.7	2.5	1.4	2.9	7.1	479.1	480.6	492.2	458.2	492.2	471.0
Chinese Taipei	238	236	51.9	41.1	7.0	0.0	0.4	0.0	570.6	574.0	581.9	.	522.3	.
Cyprus	267	261	52.4	33.4	13.2	1.0	0.8	1.5	490.8	479.0	492.5	506.2	475.2	476.8
Czech Republic	344	336	47.5	33.5	17.0	1.9	0.9	1.1	527.7	525.0	525.4	525.4	470.4	525.8
Denmark	278	182	17.3	40.4	37.1	5.2	14.0	19.5	525.9	526.8	516.9	516.2	520.7	521.9
England	178	122	35.7	44.5	18.7	1.2	4.2	23.3	557.1	564.1	550.9	553.7	540.6	550.7
Finland	369	348	46.6	45.2	8.3	0.0	1.5	2.7	545.0	543.9	527.9	.	534.2	509.7
France	306	239	50.7	36.2	13.1	0.0	3.3	18.1	488.0	489.7	482.8	.	504.9	486.0
Georgia	218	216	61.7	27.0	10.3	1.0	0.8	0.0	469.5	458.0	461.0	425.0	450.2	.
Germany	243	200	45.6	46.2	8.0	0.1	3.2	13.5	517.1	513.5	513.9	456.6	515.7	517.8
Hong Kong SAR	182	120	36.1	39.1	24.8	0.0	1.5	31.3	540.4	537.4	548.1	.	581.7	552.3
Hungary	263	212	90.1	9.1	0.7	0.0	1.5	15.7	523.5	521.8	557.8	.	493.5	530.6
Iran, Islamic Rep. of	224	224	74.2	21.4	4.4	0.0	0.0	0.0	433.5	420.1	466.8	.	.	.
Ireland	239	235	65.5	25.1	8.0	1.4	1.0	0.4	531.6	526.1	545.2	559.2	546.3	537.9
Italy	266	259	81.5	15.3	2.8	0.5	1.9	0.7	507.5	522.4	530.7	506.9	521.7	504.4
Japan	142	137	14.4	48.4	31.2	5.9	2.5	1.6	557.3	557.4	552.1	547.6	534.8	568.6
Jordan	224	217	72.5	23.6	3.9	0.0	2.3	0.3	418.6	416.5	434.2	.	385.9	336.1
Kazakhstan	303	243	71.7	25.8	2.0	0.6	18.0	1.3	469.4	465.8	487.7	509.9	454.0	484.2
Korea, Rep. of	199	171	54.4	37.4	4.8	3.5	5.6	7.9	586.1	581.3	589.4	583.3	577.7	575.3
Kosovo	231	199	59.9	32.7	2.0	5.4	4.4	9.5	407.2	403.2	406.5	393.9	398.9	386.5
Kuwait	164	161	58.4	31.7	9.9	0.0	0.5	1.4	380.6	365.2	346.5	.	445.4	418.7
Latvia	213	206	44.1	31.2	22.7	1.9	0.0	3.8	525.0	535.5	517.1	512.6	.	508.2
Lithuania	250	246	69.8	27.2	3.0	0.0	0.6	0.5	534.2	541.3	550.0	.	561.5	572.4
Macao SAR	275	274	50.7	34.3	13.6	1.3	0.0	0.0	539.4	528.2	542.0	528.5	589.8	.
Montenegro	338	317	69.8	22.0	7.7	0.5	3.1	4.0	462.8	456.5	441.9	486.5	470.5	469.7
Morocco	303	274	77.0	19.2	3.8	0.0	0.7	5.9	390.9	396.8	372.9	.	445.8	366.6
Netherlands	188	112	36.1	42.8	15.7	5.4	5.2	32.9	519.3	518.9	512.5	509.8	507.1	517.3
New Zealand	396	195	33.7	39.0	21.2	6.1	3.8	45.2	526.4	522.8	522.6	525.4	519.9	508.5
North Macedonia	274	194	68.4	27.3	3.4	0.9	3.5	25.2	442.8	442.7	403.0	447.6	419.8	433.4
Norway (5)	314	209	24.7	55.6	19.5	0.2	4.2	26.6	545.0	529.9	528.9	528.6	529.7	522.7
Oman	287	268	64.4	29.4	6.0	0.2	3.6	2.6	435.1	422.5	427.5	530.8	465.7	442.7
Poland	267	260	33.7	45.8	20.5	0.0	2.4	0.7	552.8	549.7	543.7	.	555.6	572.0
Portugal	321	313	79.5	16.1	3.6	0.7	1.8	0.8	508.7	511.8	537.4	543.9	517.6	510.7
Qatar	283	274	73.2	24.1	1.7	1.0	2.9	2.3	464.1	490.5	461.4	457.2	473.7	543.2
Romania	188	121	85.4	12.7	0.0	1.9	2.8	34.2	532.9	540.9	.	468.1	523.9	514.4
Saudi Arabia	217	184	75.3	19.4	3.5	1.7	4.1	10.5	430.1	426.7	388.5	397.8	400.4	439.7
Serbia	213	212	67.6	25.0	7.0	0.4	0.4	0.0	511.0	505.8	511.5	528.2	526.3	.
Singapore	362	359	21.8	36.0	39.8	2.4	0.6	0.3	608.0	610.3	604.1	618.9	584.1	585.9
Slovak Republic	269	265	68.1	22.4	9.4	0.0	1.3	0.0	518.1	521.7	536.2	.	519.6	.
Slovenia	269	258	77.7	18.8	3.5	0.0	1.7	1.6	525.8	526.2	520.4	.	508.5	543.1
South Africa (5)	287	217	53.5	31.0	10.5	5.0	1.7	23.8	309.4	317.6	298.0	241.0	344.9	307.1
Spain	582	554	73.3	23.9	2.8	0.0	2.7	2.0	504.1	504.5	501.9	.	496.1	512.2
Sweden	250	197	32.1	49.1	18.0	0.9	4.7	14.5	532.6	533.8	538.2	521.9	514.3	529.4
Turkiye (5)	171	169	65.8	32.3	1.1	0.8	1.4	0.0	573.3	565.5	506.2	530.0	601.9	.
United Arab Emirates	1435	1193	71.1	22.5	5.2	1.3	2.8	11.2	497.4	497.7	489.2	505.7	482.3	481.2
United States	495	469	24.4	42.0	27.3	6.3	2.2	3.6	527.6	534.1	532.1	531.2	571.6	526.0
Uzbekistan	168	155	89.3	8.3	1.6	0.8	6.0	2.0	412.7	402.9	425.4	367.3	411.1	420.6
International Avg. (58)	17865	15454	58.2	29.7	10.6	1.4	3.4	9.3	495.7	494.9	494.3	491.9	496.1	491.3
Ontario, Canada	286	226	55.2	31.4	11.6	1.9	7.1	11.8	523.8	529.8	524.3	535.4	535.1	514.7
Quebec, Canada	215	185	33.1	37.4	27.4	2.0	3.5	8.0	512.3	502.8	505.2	513.8	514.9	512.1
Abu Dhabi, UAE	553	460	67.3	23.7	7.6	1.4	2.6	11.4	448.4	446.7	463.5	439.6	396.2	436.0
Dubai, UAE	359	304	63.5	30.0	4.7	1.9	2.9	9.4	571.5	557.8	552.9	571.6	526.4	534.8
Sharjah, UAE	284	219	82.4	13.4	2.8	1.3	3.9	14.9	507.3	495.5	458.3	485.5	538.5	486.6

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-04c (ATBS04C)

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 %	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	Omitted Mean	Not Administered Mean
Albania	123	90	64.9	17.5	17.6	0.0	8.6	17.7	495.1	461.7	480.5	.	490.9	507.0
Armenia	211	194	84.8	13.5	1.4	0.3	4.3	1.9	459.0	452.3	444.2	449.7	443.7	461.0
Australia	347	232	42.8	33.5	23.0	0.7	4.2	27.0	554.3	554.0	547.6	484.9	533.5	545.2
Azerbaijan	271	210	65.1	30.8	3.3	0.8	9.1	12.8	424.7	413.7	434.1	449.7	421.3	420.6
Bahrain	212	211	61.6	30.1	8.4	0.0	0.5	0.0	478.2	466.6	482.1	.	463.1	.
Belgium (Flemish)	278	211	17.0	51.1	31.0	0.8	1.8	19.7	491.0	496.9	485.6	343.2	500.8	477.0
Belgium (French)	344	284	27.7	33.4	34.2	4.7	1.9	14.9	477.5	486.5	483.6	479.2	505.9	466.6
Bosnia & Herzegovina	236	171	66.8	29.4	3.8	0.0	7.8	20.2	449.9	448.3	458.9	.	459.9	438.8
Brazil	1047	886	73.4	22.4	4.1	0.0	13.5	1.6	426.8	431.6	410.0	336.8	409.9	437.3
Bulgaria	208	206	82.7	16.5	0.8	0.0	0.0	1.0	531.3	521.4	538.0	.	.	515.0
Canada	917	788	45.6	35.6	16.2	2.6	4.8	9.4	521.2	523.0	512.0	561.7	527.8	515.2
Chile	178	159	75.4	18.5	3.7	2.4	2.9	7.1	481.2	467.4	496.5	492.6	492.2	471.0
Chinese Taipei	238	235	34.4	53.2	12.4	0.0	0.5	0.0	573.8	572.3	572.0	.	533.7	.
Cyprus	267	261	53.8	33.6	10.9	1.8	0.8	1.5	489.4	483.4	485.8	501.8	475.2	476.8
Czech Republic	344	337	39.7	41.0	19.1	0.2	0.6	1.1	528.3	525.6	524.4	512.9	432.1	525.8
Denmark	278	182	9.5	53.8	34.3	2.4	14.0	19.5	529.5	524.7	518.0	506.8	520.7	521.9
England	178	122	33.6	46.9	19.6	0.0	4.2	23.3	556.2	562.6	555.2	.	540.6	550.7
Finland	369	348	44.2	47.7	8.1	0.0	1.5	2.7	544.8	542.3	538.3	.	534.2	509.7
France	306	239	36.1	43.5	18.3	2.0	3.3	18.1	486.4	489.9	485.9	491.8	504.9	486.0
Georgia	218	217	52.4	38.2	9.4	0.0	0.4	0.0	471.2	457.1	462.2	.	455.8	.
Germany	243	200	27.3	54.1	18.5	0.1	3.2	13.5	524.1	508.0	523.0	456.6	515.7	517.8
Hong Kong SAR	182	120	28.0	40.9	30.9	0.2	1.5	31.3	551.5	531.7	544.7	465.2	581.7	552.3
Hungary	263	212	71.7	24.3	4.0	0.0	1.5	15.7	527.2	516.3	503.8	.	493.5	530.6
Iran, Islamic Rep. of	224	223	69.5	27.3	3.2	0.0	0.5	0.0	434.1	432.4	411.2	.	269.7	.
Ireland	239	236	49.0	40.0	11.0	0.0	0.7	0.4	533.5	527.4	540.9	.	530.9	537.9
Italy	266	258	80.8	15.4	3.6	0.2	2.3	0.7	507.5	519.7	533.8	501.9	523.0	504.4
Japan	142	137	6.6	31.0	46.8	15.7	2.5	1.6	562.9	553.9	555.4	553.2	534.8	568.6
Jordan	224	217	64.0	32.6	3.4	0.0	2.3	0.3	419.1	417.5	421.5	.	385.9	336.1
Kazakhstan	303	241	71.4	24.2	4.4	0.0	18.4	1.3	472.3	454.0	491.9	.	455.8	484.2
Korea, Rep. of	199	171	40.6	42.0	14.6	2.8	5.6	7.9	584.5	581.0	593.4	585.6	577.7	575.3
Kosovo	231	199	84.0	15.7	0.3	0.0	4.4	9.5	406.5	398.4	396.8	.	398.9	386.5
Kuwait	164	161	63.2	27.8	8.9	0.0	0.5	1.4	379.0	359.2	365.7	.	445.4	418.7
Latvia	213	206	35.7	47.5	16.1	0.7	0.0	3.8	523.7	530.6	518.2	543.5	.	508.2
Lithuania	250	246	48.7	42.6	8.7	0.0	0.6	0.5	531.4	542.0	539.4	.	561.5	572.4
Macao SAR	275	274	30.5	45.7	18.0	5.8	0.0	0.0	539.8	532.2	538.1	535.8	589.8	.
Montenegro	338	317	78.4	18.1	3.5	0.0	3.1	4.0	461.8	454.9	445.2	.	470.5	469.7
Morocco	303	274	70.9	25.4	3.7	0.0	0.6	5.9	394.7	383.8	403.8	.	295.8	366.6
Netherlands	188	112	20.0	39.6	35.3	5.1	5.2	32.9	520.5	523.6	510.4	508.5	507.1	517.3
New Zealand	396	195	43.4	39.8	13.2	3.5	3.8	45.2	522.6	523.7	534.0	512.4	519.9	508.5
North Macedonia	274	194	73.5	21.6	5.0	0.0	3.7	25.2	439.1	455.3	401.6	.	433.9	433.4
Norway (5)	314	209	25.4	59.4	15.2	0.0	4.2	26.6	547.3	526.6	537.1	.	529.7	522.7
Oman	287	268	76.4	21.2	2.4	0.0	3.6	2.6	431.9	430.1	414.1	.	465.7	442.7
Poland	267	261	28.5	42.6	28.9	0.0	2.0	0.7	550.6	550.0	548.1	.	553.5	572.0
Portugal	321	312	72.2	21.8	5.3	0.8	2.4	0.8	510.2	507.5	521.8	543.9	516.4	510.7
Qatar	283	274	65.7	28.5	5.8	0.0	2.9	2.3	468.5	475.7	465.2	.	473.7	543.2
Romania	188	121	83.4	14.5	2.1	0.0	2.8	34.2	527.9	554.0	577.9	.	523.9	514.4
Saudi Arabia	217	185	68.9	27.3	2.9	0.9	3.5	10.5	432.7	415.9	415.6	390.7	399.7	439.7
Serbia	213	212	61.6	28.7	9.6	0.0	0.4	0.0	509.6	515.0	495.3	.	526.3	.
Singapore	362	358	14.4	35.6	45.8	4.1	0.8	0.3	602.5	612.1	606.0	607.0	573.6	585.9
Slovak Republic	269	265	60.8	27.7	10.7	0.7	1.3	0.0	516.5	524.8	533.2	515.1	519.6	.
Slovenia	269	258	62.4	29.0	8.6	0.0	1.7	1.6	526.6	526.0	517.8	.	508.5	543.1
South Africa (5)	287	216	48.8	36.5	14.2	0.6	1.8	23.8	320.8	297.3	287.3	313.6	340.6	307.1
Spain	582	554	61.4	31.3	7.3	0.0	2.4	2.0	504.5	502.5	506.3	542.3	497.1	512.2
Sweden	250	196	27.6	53.8	18.3	0.4	5.1	14.5	533.2	533.3	538.9	510.4	513.8	529.4
Turkiye (5)	171	169	56.2	39.9	3.9	0.0	1.4	0.0	574.2	565.2	550.2	.	601.9	.
United Arab Emirates	1435	1188	69.4	24.4	5.8	0.5	3.0	11.2	501.3	489.3	480.9	467.6	485.8	481.2
United States	495	469	29.7	41.8	24.3	4.2	2.2	3.6	526.2	531.5	539.5	529.1	571.6	526.0
Uzbekistan	168	155	85.8	11.9	1.5	0.8	6.0	2.0	412.8	409.7	389.7	367.3	411.1	420.6
International Avg. (58)	17865	15446	52.9	33.1	12.9	1.1	3.3	9.3	496.6	493.0	493.3	485.8	488.4	491.3
Ontario, Canada	286	225	54.4	33.6	8.6	3.4	7.4	11.8	518.6	537.8	530.5	516.0	534.5	514.7
Quebec, Canada	215	185	31.9	35.6	32.1	0.3	3.5	8.0	512.1	505.2	503.4	502.8	514.9	512.1
Abu Dhabi, UAE	553	460	62.7	27.2	9.0	1.0	2.6	11.4	448.7	449.2	450.5	449.3	396.2	436.0
Dubai, UAE	359	303	69.5	25.0	5.4	0.2	2.9	9.4	570.9	557.0	548.5	496.1	540.1	534.8
Sharjah, UAE	284	216	75.5	21.9	2.2	0.4	4.6	14.9	511.1	483.9	471.3	533.5	528.5	486.6

Question: How often do you do the following when teaching this class? Discuss environmental issues (e.g., <climate change, endangered animals>)
Location: TQS-04d (ATBS04D)

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 %	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	Omitted Mean	Not Administered Mean
Albania	123	90	49.1	27.8	23.1	0.0	8.6	17.7	498.7	479.3	469.9	.	490.9	507.0
Armenia	211	194	63.4	28.8	7.5	0.3	4.3	1.9	457.3	460.9	450.8	449.7	443.7	461.0
Australia	347	235	35.7	42.7	19.7	1.9	3.6	27.0	553.5	554.0	549.3	497.3	537.3	545.2
Azerbaijan	271	209	51.1	41.3	7.5	0.1	9.4	12.8	422.1	423.9	410.0	311.5	420.8	420.6
Bahrain	212	211	51.8	32.6	15.6	0.0	0.5	0.0	475.2	475.7	473.2	.	463.1	.
Belgium (Flemish)	278	211	15.8	49.7	33.6	0.8	1.8	19.7	490.1	498.3	484.5	343.2	500.8	477.0
Belgium (French)	344	284	19.5	28.0	43.2	9.3	1.9	14.9	472.2	490.3	481.1	488.9	505.9	466.6
Bosnia & Herzegovina	236	171	48.7	39.5	11.4	0.4	7.8	20.2	446.3	450.7	462.6	410.6	459.9	438.8
Brazil	1047	886	68.3	27.5	4.0	0.1	13.6	1.6	429.1	423.4	423.7	348.4	409.8	437.3
Bulgaria	208	206	70.8	24.8	4.4	0.0	0.0	1.0	532.8	522.7	519.2	.	.	515.0
Canada	917	791	36.9	38.3	22.0	2.8	4.6	9.4	521.6	522.0	514.9	560.8	528.3	515.2
Chile	178	159	62.1	28.5	8.1	1.3	2.9	7.1	476.7	483.7	483.4	497.5	492.2	471.0
Chinese Taipei	238	235	32.5	51.2	16.3	0.0	0.5	0.0	572.5	574.3	568.6	.	533.7	.
Cyprus	267	261	44.2	35.3	20.5	0.0	0.8	1.5	491.4	483.7	484.3	.	475.2	476.8
Czech Republic	344	336	36.2	38.4	24.9	0.4	0.9	1.1	528.3	527.5	522.9	505.1	445.5	525.8
Denmark	278	182	9.2	52.1	36.2	2.5	14.0	19.5	534.4	524.6	517.9	499.0	520.7	521.9
England	178	121	29.2	49.0	21.9	0.0	4.4	23.3	552.1	563.8	557.8	.	540.6	550.7
Finland	369	347	25.2	55.9	19.0	0.0	2.0	2.7	541.8	547.3	532.4	.	537.0	509.7
France	306	239	32.5	42.6	23.7	1.2	3.3	18.1	484.6	493.2	482.0	503.4	504.9	486.0
Georgia	218	217	43.2	40.0	16.8	0.0	0.4	0.0	472.9	459.2	458.5	.	455.8	.
Germany	243	200	24.2	53.9	21.2	0.7	3.2	13.5	527.7	510.5	513.5	482.2	515.7	517.8
Hong Kong SAR	182	120	19.7	45.4	34.9	0.0	1.5	31.3	542.5	534.5	549.1	.	581.7	552.3
Hungary	263	212	58.8	29.6	11.2	0.4	1.5	15.7	529.2	512.5	524.3	504.9	493.5	530.6
Iran, Islamic Rep. of	224	224	58.0	34.8	7.2	0.0	0.0	0.0	431.3	428.9	453.9	.	.	.
Ireland	239	236	44.0	35.6	20.4	0.0	0.7	0.4	535.6	531.1	525.3	.	530.9	537.9
Italy	266	259	73.1	22.4	4.3	0.2	1.9	0.7	507.4	517.1	526.4	501.9	521.7	504.4
Japan	142	137	6.6	21.4	49.6	22.5	2.5	1.6	564.9	556.6	554.9	551.3	534.8	568.6
Jordan	224	217	47.0	40.8	12.0	0.2	2.3	0.3	428.7	406.0	422.8	426.6	385.9	336.1
Kazakhstan	303	242	67.7	27.4	4.4	0.5	18.3	1.3	470.2	458.6	508.4	497.0	455.1	484.2
Korea, Rep. of	199	171	37.1	44.0	16.1	2.8	5.6	7.9	584.4	582.0	590.6	585.6	577.7	575.3
Kosovo	231	199	69.3	26.9	3.8	0.0	4.4	9.5	404.5	412.6	364.7	.	398.9	386.5
Kuwait	164	161	44.7	35.7	17.9	1.7	0.5	1.4	386.3	364.0	353.2	381.3	445.4	418.7
Latvia	213	206	22.8	44.5	30.1	2.6	0.0	3.8	526.0	527.1	526.5	510.4	.	508.2
Lithuania	250	246	38.5	44.6	16.9	0.0	0.6	0.5	528.3	540.6	545.0	.	561.5	572.4
Macao SAR	275	274	18.4	47.9	28.6	5.0	0.0	0.0	539.6	531.8	543.3	517.5	589.8	.
Montenegro	338	317	54.2	35.1	10.7	0.0	3.1	4.0	462.7	458.2	451.9	.	470.5	469.7
Morocco	303	275	41.2	38.3	19.8	0.7	0.0	5.9	383.6	407.5	378.4	386.5	232.0	366.6
Netherlands	188	112	19.8	48.3	29.4	2.5	5.2	32.9	521.3	520.2	512.1	500.5	507.1	517.3
New Zealand	396	195	34.0	40.9	21.9	3.2	3.8	45.2	519.3	523.2	534.9	513.7	519.9	508.5
North Macedonia	274	194	67.0	27.6	5.4	0.0	3.6	25.2	436.7	455.2	425.2	.	424.8	433.4
Norway (5)	314	209	12.8	67.8	19.1	0.3	4.2	26.6	548.0	531.0	533.2	488.8	529.7	522.7
Oman	287	268	46.0	41.5	12.2	0.3	3.6	2.6	438.9	423.7	426.7	445.3	465.7	442.7
Poland	267	261	20.8	36.4	42.8	0.0	2.0	0.7	554.1	548.0	548.8	.	553.5	572.0
Portugal	321	313	56.1	34.3	8.6	1.0	1.8	0.8	508.5	512.4	512.8	539.1	517.6	510.7
Qatar	283	272	54.5	34.9	10.2	0.5	3.2	2.3	472.8	472.3	457.6	372.4	467.6	543.2
Romania	188	121	72.2	21.3	6.5	0.0	2.8	34.2	523.6	555.1	560.9	.	523.9	514.4
Saudi Arabia	217	185	55.3	36.2	7.6	0.9	3.5	10.5	430.2	426.0	415.7	390.7	399.7	439.7
Serbia	213	212	59.0	26.8	14.2	0.0	0.4	0.0	510.1	509.9	508.3	.	526.3	.
Singapore	362	359	12.7	35.3	47.3	4.8	0.6	0.3	602.9	609.3	607.6	606.5	584.1	585.9
Slovak Republic	269	265	54.2	29.4	15.7	0.7	1.3	0.0	518.3	523.6	523.4	515.1	519.6	.
Slovenia	269	256	44.9	41.2	13.9	0.0	2.9	1.6	525.0	526.6	522.7	.	525.4	543.1
South Africa (5)	287	217	41.2	38.4	20.1	0.2	1.7	23.8	327.3	302.3	276.4	297.7	344.9	307.1
Spain	582	555	51.0	32.5	15.8	0.7	2.3	2.0	504.4	503.0	505.0	500.5	497.1	512.2
Sweden	250	197	22.4	53.0	24.2	0.4	4.7	14.5	530.3	538.2	529.2	510.4	514.3	529.4
Turkiye (5)	171	169	47.7	46.6	5.7	0.0	1.4	0.0	582.2	560.4	540.0	.	601.9	.
United Arab Emirates	1435	1195	55.8	35.7	8.2	0.3	2.6	11.2	505.6	486.9	487.5	381.3	484.8	481.2
United States	495	469	21.6	42.4	29.2	6.9	2.1	3.6	524.9	531.5	534.2	543.8	573.9	526.0
Uzbekistan	168	154	77.7	20.5	1.0	0.8	6.3	2.0	411.1	416.5	392.0	367.3	412.5	420.6
International Avg. (58)	17865	15459	42.7	37.8	18.1	1.4	3.3	9.3	496.6	495.1	492.0	466.7	491.9	491.3
Ontario, Canada	286	226	48.0	33.8	14.9	3.4	7.1	11.8	521.6	531.9	528.8	516.0	535.1	514.7
Quebec, Canada	215	185	25.2	39.7	34.4	0.6	3.5	8.0	508.5	507.9	503.8	528.3	514.9	512.1
Abu Dhabi, UAE	553	460	49.3	39.2	11.0	0.5	2.6	11.4	457.6	437.4	457.5	320.5	396.2	436.0
Dubai, UAE	359	305	54.1	36.9	8.8	0.2	2.3	9.4	572.7	560.2	550.9	496.1	535.6	534.8
Sharjah, UAE	284	220	65.1	28.9	6.0	0.0	3.5	14.9	513.0	493.6	449.0	.	554.1	486.6

Question: Do you do these things to teach students about environmental issues and sustainability? Take students to visit natural areas (e.g.,
<a pond or meadow>)
Location: TQS-05a (ATBS05A)

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
Albania	123	92	95.1	4.9	5.4	17.7	486.5	494.7	489.5	507.0
Armenia	211	191	79.2	20.8	5.7	1.9	459.3	451.9	449.2	461.0
Australia	347	235	43.5	56.5	4.2	27.0	556.2	548.1	542.3	545.2
Azerbaijan	271	216	77.4	22.6	6.7	12.8	423.0	418.8	418.4	420.6
Bahrain	212	212	34.1	65.9	0.0	0.0	498.2	463.0	.	.
Belgium (Flemish)	278	211	86.6	13.4	1.7	19.7	490.4	495.6	499.9	477.0
Belgium (French)	344	283	57.5	42.5	2.2	14.9	484.6	479.8	506.4	466.6
Bosnia & Herzegovina	236	172	90.7	9.3	6.5	20.2	449.2	459.5	458.1	438.8
Brazil	1047	885	42.5	57.5	12.7	1.6	429.4	424.8	411.7	437.3
Bulgaria	208	204	73.2	26.8	1.2	1.0	525.3	542.0	524.6	515.0
Canada	917	792	43.8	56.2	4.4	9.4	526.6	517.4	528.3	515.2
Chile	178	158	31.2	68.8	3.6	7.1	471.6	482.3	503.3	471.0
Chinese Taipei	238	236	75.4	24.6	0.4	0.0	572.3	574.4	522.3	.
Cyprus	267	259	63.3	36.7	1.6	1.5	489.0	483.7	494.2	476.8
Czech Republic	344	335	82.3	17.7	1.1	1.1	526.4	526.0	487.2	525.8
Denmark	278	179	80.4	19.6	15.7	19.5	521.6	524.1	522.4	521.9
England	178	124	60.4	39.6	3.0	23.3	559.3	557.2	546.8	550.7
Finland	369	349	97.3	2.7	1.3	2.7	543.2	532.2	547.0	509.7
France	306	239	46.5	53.5	3.3	18.1	489.7	486.4	504.9	486.0
Georgia	218	216	78.5	21.5	1.3	0.0	465.8	462.8	452.2	.
Germany	243	200	81.1	18.9	3.2	13.5	519.0	498.2	515.7	517.8
Hong Kong SAR	182	122	53.2	46.8	0.3	31.3	540.2	543.2	619.1	552.3
Hungary	263	215	71.1	28.9	0.5	15.7	526.4	516.3	452.9	530.6
Iran, Islamic Rep. of	224	222	57.7	42.3	0.9	0.0	436.9	424.2	491.8	.
Ireland	239	235	46.5	53.5	0.9	0.4	535.3	528.9	532.9	537.9
Italy	266	261	67.9	32.1	1.2	0.7	513.3	504.7	516.6	504.4
Japan	142	137	36.6	63.4	2.5	1.6	562.5	550.8	534.8	568.6
Jordan	224	214	31.6	68.4	3.4	0.3	421.6	418.0	384.0	336.1
Kazakhstan	303	235	62.1	37.9	20.6	1.3	474.3	459.4	457.4	484.2
Korea, Rep. of	199	172	45.6	54.4	5.5	7.9	592.4	578.1	573.2	575.3
Kosovo	231	197	76.8	23.2	5.4	9.5	403.1	412.6	398.0	386.5
Kuwait	164	161	21.4	78.6	0.5	1.4	392.5	366.8	445.4	418.7
Latvia	213	206	90.2	9.8	0.0	3.8	526.5	523.8	.	508.2
Lithuania	250	246	91.7	8.3	0.6	0.5	536.1	541.9	561.5	572.4
Macao SAR	275	273	34.0	66.0	0.4	0.0	532.4	537.7	501.7	.
Montenegro	338	319	86.3	13.7	2.4	4.0	460.0	462.0	461.6	469.7
Morocco	303	273	13.5	86.5	0.4	5.9	429.2	385.7	423.5	366.6
Netherlands	188	112	39.5	60.5	5.2	32.9	524.2	513.2	507.1	517.3
New Zealand	396	193	64.1	35.9	4.2	45.2	524.6	524.8	513.7	508.5
North Macedonia	274	198	84.2	15.8	2.8	25.2	440.9	440.0	430.8	433.4
Norway (5)	314	206	66.9	33.1	4.9	26.6	536.1	528.1	530.6	522.7
Oman	287	269	16.0	84.0	3.2	2.6	445.2	430.4	419.8	442.7
Poland	267	259	75.2	24.8	2.7	0.7	549.1	550.7	555.5	572.0
Portugal	321	314	60.1	39.9	1.2	0.8	511.3	508.9	532.7	510.7
Qatar	283	274	32.7	67.3	1.6	2.3	480.5	464.8	504.1	543.2
Romania	188	121	87.0	13.0	2.8	34.2	529.4	554.9	523.9	514.4
Saudi Arabia	217	184	20.0	80.0	4.1	10.5	426.4	427.8	398.3	439.7
Serbia	213	211	81.7	18.3	0.7	0.0	510.1	508.9	509.7	.
Singapore	362	359	27.7	72.3	0.6	0.3	610.2	606.5	584.1	585.9
Slovak Republic	269	265	87.3	12.7	1.2	0.0	518.5	534.1	532.7	.
Slovenia	269	258	87.0	13.0	2.0	1.6	524.9	529.1	522.8	543.1
South Africa (5)	287	217	46.3	53.7	1.5	24.2	294.7	318.7	349.9	306.2
Spain	582	556	75.8	24.2	2.3	2.0	504.5	502.9	495.4	512.2
Sweden	250	197	70.5	29.5	4.7	14.5	535.3	531.3	514.3	529.4
Turkiye (5)	171	170	46.5	53.5	0.5	0.0	578.2	563.0	578.9	.
United Arab Emirates	1435	1194	39.6	60.4	2.6	11.2	514.3	485.6	487.1	481.2
United States	495	468	26.5	73.5	2.3	3.6	533.2	531.5	562.3	526.0
Uzbekistan	168	157	84.9	15.1	5.0	2.0	415.2	399.9	390.2	420.6
International Avg. (58)	17865	15458	60.8	39.2	3.2	9.3	497.9	493.7	495.0	491.3
Ontario, Canada	286	228	49.4	50.6	6.7	11.8	528.2	523.7	536.0	514.7
Quebec, Canada	215	186	20.7	79.3	2.6	8.0	517.0	504.3	514.4	512.1
Abu Dhabi, UAE	553	459	27.5	72.5	2.7	11.4	458.0	445.1	408.0	436.0
Dubai, UAE	359	308	44.9	55.1	1.3	9.4	571.8	560.4	546.2	534.8
Sharjah, UAE	284	218	53.4	46.6	4.3	14.9	512.0	493.7	546.5	486.6

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-05b (ATBS05B)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	92	96.1	3.9	5.4	17.7	486.4	499.6	489.5	507.0
Armenia	211	192	98.9	1.1	5.4	1.9	457.9	444.9	448.8	461.0
Australia	347	234	87.6	12.4	4.5	27.0	551.6	552.1	542.7	545.2
Azerbaijan	271	216	79.8	20.2	6.7	12.8	425.9	406.8	418.4	420.6
Bahrain	212	212	86.4	13.6	0.0	0.0	474.2	480.2	.	.
Belgium (Flemish)	278	210	85.5	14.5	2.0	19.7	492.1	485.2	499.4	477.0
Belgium (French)	344	282	83.3	16.7	2.5	14.9	483.2	479.4	502.0	466.6
Bosnia & Herzegovina	236	172	93.6	6.4	6.5	20.2	448.2	478.1	458.1	438.8
Brazil	1047	884	89.7	10.3	12.7	1.6	428.9	407.9	411.7	437.3
Bulgaria	208	204	98.9	1.1	1.2	1.0	529.2	580.9	524.6	515.0
Canada	917	789	83.4	16.6	5.2	9.4	520.1	527.2	529.2	515.2
Chile	178	158	80.7	19.3	3.6	7.1	477.0	487.1	503.3	471.0
Chinese Taipei	238	236	77.1	22.9	0.4	0.0	571.3	577.9	522.3	.
Cyprus	267	260	72.3	27.7	1.2	1.5	488.3	484.0	492.3	476.8
Czech Republic	344	334	81.6	18.4	1.5	1.1	526.2	526.5	500.2	525.8
Denmark	278	178	79.7	20.3	16.0	19.5	525.8	507.5	522.5	521.9
England	178	123	69.5	30.5	3.5	23.3	557.8	559.3	552.8	550.7
Finland	369	349	86.7	13.3	1.3	2.7	542.8	543.3	547.0	509.7
France	306	238	74.4	25.6	3.5	18.1	487.6	488.9	503.4	486.0
Georgia	218	213	93.6	6.4	2.5	0.0	464.7	473.2	454.3	.
Germany	243	200	78.6	21.4	3.2	13.5	516.6	509.5	515.7	517.8
Hong Kong SAR	182	121	43.5	56.5	0.5	31.3	545.1	539.3	575.8	552.3
Hungary	263	215	97.5	2.5	0.5	15.7	523.9	508.1	452.9	530.6
Iran, Islamic Rep. of	224	222	96.7	3.3	0.9	0.0	431.2	442.2	491.8	.
Ireland	239	235	76.4	23.6	0.9	0.4	530.8	535.3	532.9	537.9
Italy	266	261	81.1	18.9	1.2	0.7	510.7	509.8	516.6	504.4
Japan	142	137	26.9	73.1	2.5	1.6	562.6	552.4	534.8	568.6
Jordan	224	213	95.4	4.6	3.4	0.3	419.9	402.5	384.1	336.1
Kazakhstan	303	234	86.1	13.9	20.7	1.3	470.7	456.1	457.4	484.2
Korea, Rep. of	199	173	83.4	16.6	4.7	7.9	584.9	582.6	573.7	575.3
Kosovo	231	198	98.7	1.3	4.9	9.5	405.6	367.1	400.0	386.5
Kuwait	164	160	84.9	15.1	1.1	1.4	375.7	351.8	423.4	418.7
Latvia	213	205	81.7	18.3	0.6	3.8	527.4	522.0	492.6	508.2
Lithuania	250	245	92.9	7.1	0.9	0.5	536.2	542.7	548.1	572.4
Macao SAR	275	273	63.6	36.4	0.4	0.0	535.9	535.9	501.7	.
Montenegro	338	316	94.1	5.9	4.4	4.0	461.4	445.3	456.8	469.7
Morocco	303	273	94.0	6.0	0.4	5.9	392.3	380.7	423.5	366.6
Netherlands	188	112	61.1	38.9	5.2	32.9	518.3	516.3	507.1	517.3
New Zealand	396	193	85.5	14.5	4.2	45.2	526.2	515.7	513.7	508.5
North Macedonia	274	198	90.4	9.6	2.8	25.2	442.2	427.1	430.8	433.4
Norway (5)	314	205	92.1	7.9	5.3	26.6	534.1	523.9	532.4	522.7
Oman	287	267	81.1	18.9	3.9	2.6	433.7	431.4	411.8	442.7
Poland	267	259	83.1	16.9	2.7	0.7	547.8	557.8	555.5	572.0
Portugal	321	314	80.8	19.2	1.2	0.8	509.6	513.6	532.7	510.7
Qatar	283	274	84.6	15.4	1.6	2.3	468.1	480.0	504.1	543.2
Romania	188	121	98.7	1.3	2.8	34.2	532.3	560.9	523.9	514.4
Saudi Arabia	217	184	92.8	7.2	4.1	10.5	429.3	404.3	398.3	439.7
Serbia	213	211	92.9	7.1	0.7	0.0	511.6	487.5	509.7	.
Singapore	362	359	71.1	28.9	0.6	0.3	606.9	609.1	584.1	585.9
Slovak Republic	269	265	97.7	2.3	1.2	0.0	519.9	542.3	532.7	.
Slovenia	269	257	92.3	7.7	2.5	1.6	524.9	531.5	522.2	543.1
South Africa (5)	287	217	76.8	23.2	1.5	24.2	313.0	289.5	349.9	306.2
Spain	582	556	79.9	20.1	2.3	2.0	502.0	512.5	495.4	512.2
Sweden	250	196	71.6	28.4	4.9	14.5	534.0	534.2	515.8	529.4
Turkiye (5)	171	170	91.6	8.4	0.5	0.0	570.3	567.3	578.9	.
United Arab Emirates	1435	1194	84.9	15.1	2.5	11.2	500.7	476.0	485.8	481.2
United States	495	468	53.0	47.0	2.3	3.6	532.0	531.9	562.3	526.0
Uzbekistan	168	157	88.9	11.1	5.0	2.0	412.5	415.8	390.2	420.6
International Avg. (58)	17865	15434	83.2	16.8	3.4	9.3	495.5	493.1	493.7	491.3
Ontario, Canada	286	227	84.3	15.7	7.7	11.8	523.7	535.7	538.1	514.7
Quebec, Canada	215	185	78.2	21.8	3.0	8.0	507.2	505.2	516.0	512.1
Abu Dhabi, UAE	553	460	79.5	20.5	2.4	11.4	457.2	417.0	393.1	436.0
Dubai, UAE	359	307	83.4	16.6	1.4	9.4	567.2	557.2	545.9	534.8
Sharjah, UAE	284	218	91.7	8.3	4.3	14.9	503.6	502.3	546.5	486.6

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-05c (ATBS05C)

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
Albania	123	92	94.9	5.1	5.4	17.7	488.2	463.2	489.5	507.0
Armenia	211	192	79.7	20.3	5.4	1.9	458.9	453.2	448.8	461.0
Australia	347	234	73.0	27.0	4.3	27.0	557.2	536.8	542.2	545.2
Azerbaijan	271	216	87.1	12.9	6.7	12.8	422.2	420.9	418.4	420.6
Bahrain	212	211	88.3	11.7	0.6	0.0	479.1	437.7	584.9	.
Belgium (Flemish)	278	211	43.9	56.1	1.7	19.7	496.1	487.2	499.9	477.0
Belgium (French)	344	281	39.1	60.9	2.7	14.9	479.8	484.7	495.6	466.6
Bosnia & Herzegovina	236	172	74.5	25.5	6.5	20.2	451.1	447.4	458.1	438.8
Brazil	1047	884	81.5	18.5	12.8	1.6	427.5	423.6	411.6	437.3
Bulgaria	208	204	86.9	13.1	1.2	1.0	539.9	462.7	524.6	515.0
Canada	917	792	67.1	32.9	4.4	9.4	523.0	518.2	528.3	515.2
Chile	178	157	71.0	29.0	4.0	7.1	478.7	480.5	494.7	471.0
Chinese Taipei	238	236	44.0	56.0	0.4	0.0	576.7	569.7	522.3	.
Cyprus	267	260	54.3	45.7	1.2	1.5	487.9	486.1	492.3	476.8
Czech Republic	344	335	42.5	57.5	1.1	1.1	532.0	522.1	487.2	525.8
Denmark	278	179	61.3	38.7	15.7	19.5	525.9	516.1	522.4	521.9
England	178	124	76.7	23.3	3.0	23.3	557.1	563.1	546.8	550.7
Finland	369	349	57.3	42.7	1.3	2.7	544.9	540.3	547.0	509.7
France	306	238	44.5	55.5	3.6	18.1	493.0	483.3	509.4	486.0
Georgia	218	214	89.2	10.8	2.1	0.0	465.4	462.8	457.6	.
Germany	243	199	64.4	35.6	3.6	13.5	519.6	506.9	516.5	517.8
Hong Kong SAR	182	122	63.4	36.6	0.3	31.3	541.8	541.3	619.1	552.3
Hungary	263	215	50.6	49.4	0.5	15.7	532.5	514.2	452.9	530.6
Iran, Islamic Rep. of	224	221	92.2	7.8	1.3	0.0	432.7	419.2	469.1	.
Ireland	239	235	73.5	26.5	0.9	0.4	533.0	528.7	532.9	537.9
Italy	266	260	84.0	16.0	1.7	0.7	510.2	513.3	502.5	504.4
Japan	142	137	25.4	74.6	2.5	1.6	561.7	552.9	534.8	568.6
Jordan	224	213	82.0	18.0	4.0	0.3	419.4	418.8	385.1	336.1
Kazakhstan	303	235	89.9	10.1	20.6	1.3	469.3	462.4	457.4	484.2
Korea, Rep. of	199	173	56.2	43.8	4.7	7.9	581.4	588.5	573.7	575.3
Kosovo	231	196	91.4	8.6	5.5	9.5	407.3	382.6	400.2	386.5
Kuwait	164	161	78.5	21.5	0.5	1.4	373.1	369.6	445.4	418.7
Latvia	213	206	54.2	45.8	0.0	3.8	526.8	525.6	.	508.2
Lithuania	250	246	67.1	32.9	0.6	0.5	534.6	540.7	561.5	572.4
Macao SAR	275	273	42.6	57.4	0.4	0.0	532.9	538.1	501.7	.
Montenegro	338	318	72.4	27.6	2.9	4.0	462.0	456.4	455.7	469.7
Morocco	303	271	89.6	10.4	1.3	5.9	391.5	391.4	405.9	366.6
Netherlands	188	112	37.9	62.1	5.2	32.9	522.0	514.8	507.1	517.3
New Zealand	396	193	76.1	23.9	4.2	45.2	527.5	515.9	513.7	508.5
North Macedonia	274	198	92.2	7.8	2.8	25.2	441.4	433.2	430.8	433.4
Norway (5)	314	206	73.8	26.2	4.9	26.6	535.4	527.9	530.6	522.7
Oman	287	269	63.9	36.1	3.2	2.6	443.8	413.4	419.8	442.7
Poland	267	259	57.1	42.9	2.7	0.7	549.7	549.3	555.5	572.0
Portugal	321	314	92.1	7.9	1.2	0.8	510.7	506.8	532.7	510.7
Qatar	283	274	86.4	13.6	1.6	2.3	472.2	455.1	504.1	543.2
Romania	188	121	96.9	3.1	2.8	34.2	533.0	524.0	523.9	514.4
Saudi Arabia	217	184	88.1	11.9	4.1	10.5	429.4	413.4	398.3	439.7
Serbia	213	211	89.6	10.4	0.7	0.0	510.0	508.7	509.7	.
Singapore	362	359	42.5	57.5	0.6	0.3	604.9	609.5	584.1	585.9
Slovak Republic	269	265	72.5	27.5	1.2	0.0	520.1	521.5	532.7	.
Slovenia	269	258	61.3	38.7	2.0	1.6	524.2	527.3	522.8	543.1
South Africa (5)	287	217	71.8	28.2	1.5	24.2	303.7	317.5	349.9	306.2
Spain	582	555	76.4	23.6	2.6	2.0	504.2	502.8	503.4	512.2
Sweden	250	197	63.0	37.0	4.7	14.5	533.0	536.1	514.3	529.4
Turkiye (5)	171	170	96.9	3.1	0.5	0.0	569.8	576.9	578.9	.
United Arab Emirates	1435	1194	85.4	14.6	2.5	11.2	505.2	449.0	486.6	481.2
United States	495	468	41.4	58.6	2.3	3.6	535.1	529.7	562.3	526.0
Uzbekistan	168	157	92.5	7.5	5.0	2.0	412.6	415.9	390.2	420.6
International Avg. (58)	17865	15443	70.6	29.4	3.3	9.3	496.6	489.0	495.6	491.3
Ontario, Canada	286	228	70.9	29.1	6.7	11.8	527.1	523.0	536.0	514.7
Quebec, Canada	215	186	58.2	41.8	2.6	8.0	507.9	505.6	514.4	512.1
Abu Dhabi, UAE	553	459	78.0	22.0	2.6	11.4	459.3	411.3	403.8	436.0
Dubai, UAE	359	308	89.3	10.7	1.3	9.4	571.0	519.9	546.2	534.8
Sharjah, UAE	284	218	90.1	9.9	4.3	14.9	506.6	475.1	546.5	486.6

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-05d (ATBS05D)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	92	76.5	23.5	5.4	17.7	493.9	464.3	489.5	507.0
Armenia	211	192	58.1	41.9	5.4	1.9	458.1	457.1	448.8	461.0
Australia	347	234	39.1	60.9	4.3	27.0	557.0	547.9	545.2	545.2
Azerbaijan	271	216	79.0	21.0	6.7	12.8	421.2	424.9	418.4	420.6
Bahrain	212	212	56.5	43.5	0.0	0.0	488.1	458.0	.	.
Belgium (Flemish)	278	211	22.6	77.4	1.7	19.7	488.6	491.8	499.9	477.0
Belgium (French)	344	283	36.1	63.9	2.2	14.9	484.5	481.4	506.4	466.6
Bosnia & Herzegovina	236	172	63.4	36.6	6.5	20.2	454.7	442.2	458.1	438.8
Brazil	1047	885	59.3	40.7	12.7	1.6	432.7	418.2	411.7	437.3
Bulgaria	208	203	78.2	21.8	1.8	1.0	536.7	508.3	484.7	515.0
Canada	917	792	42.3	57.7	4.4	9.4	521.8	521.1	528.3	515.2
Chile	178	158	35.6	64.4	3.6	7.1	476.8	480.1	503.3	471.0
Chinese Taipei	238	236	57.5	42.5	0.4	0.0	570.3	576.2	522.3	.
Cyprus	267	260	56.4	43.6	1.2	1.5	485.9	488.5	492.3	476.8
Czech Republic	344	335	60.8	39.2	1.1	1.1	527.9	523.8	487.2	525.8
Denmark	278	179	59.4	40.6	15.7	19.5	524.6	518.5	522.4	521.9
England	178	124	51.1	48.9	3.0	23.3	554.5	562.7	546.8	550.7
Finland	369	349	27.3	72.7	1.3	2.7	539.6	544.1	547.0	509.7
France	306	239	27.1	72.9	3.3	18.1	491.7	486.5	504.9	486.0
Georgia	218	215	77.1	22.9	1.7	0.0	465.4	464.3	453.2	.
Germany	243	199	28.2	71.8	3.6	13.5	525.4	511.0	516.5	517.8
Hong Kong SAR	182	122	73.8	26.2	0.3	31.3	543.6	536.1	619.1	552.3
Hungary	263	215	55.3	44.7	0.5	15.7	528.8	516.9	452.9	530.6
Iran, Islamic Rep. of	224	222	78.4	21.6	0.9	0.0	432.9	426.4	491.8	.
Ireland	239	235	24.2	75.8	0.9	0.4	539.7	529.4	532.9	537.9
Italy	266	261	60.4	39.6	1.2	0.7	510.8	510.1	516.6	504.4
Japan	142	136	20.2	79.8	3.4	1.6	560.1	553.3	552.6	568.6
Jordan	224	213	53.8	46.2	4.1	0.3	412.7	427.6	379.5	336.1
Kazakhstan	303	234	86.6	13.4	20.7	1.3	467.3	477.6	457.4	484.2
Korea, Rep. of	199	173	47.8	52.2	4.7	7.9	587.0	582.2	573.7	575.3
Kosovo	231	197	69.5	30.5	5.0	9.5	403.6	408.5	400.7	386.5
Kuwait	164	161	50.2	49.8	0.5	1.4	382.9	361.7	445.4	418.7
Latvia	213	206	47.6	52.4	0.0	3.8	526.8	525.7	.	508.2
Lithuania	250	246	69.3	30.7	0.6	0.5	535.9	538.2	561.5	572.4
Macao SAR	275	273	45.7	54.3	0.4	0.0	531.8	539.4	501.7	.
Montenegro	338	319	67.9	32.1	2.4	4.0	462.9	454.6	461.6	469.7
Morocco	303	272	34.9	65.1	1.0	5.9	395.0	390.5	356.7	366.6
Netherlands	188	112	19.9	80.1	5.2	32.9	508.6	519.8	507.1	517.3
New Zealand	396	192	56.6	43.4	4.5	45.2	524.2	524.7	518.0	508.5
North Macedonia	274	198	74.9	25.1	2.8	25.2	433.2	463.5	430.8	433.4
Norway (5)	314	0	.	.	.	.	.	.	.	.
Oman	287	267	50.5	49.5	4.0	2.6	435.9	427.1	452.0	442.7
Poland	267	259	69.4	30.6	2.7	0.7	548.0	553.0	555.5	572.0
Portugal	321	314	54.1	45.9	1.2	0.8	511.3	509.3	532.7	510.7
Qatar	283	274	64.5	35.5	1.6	2.3	472.6	465.0	504.1	543.2
Romania	188	121	94.7	5.3	2.8	34.2	530.4	573.2	523.9	514.4
Saudi Arabia	217	184	55.4	44.6	4.1	10.5	422.3	433.9	398.3	439.7
Serbia	213	211	62.9	37.1	0.7	0.0	509.7	510.2	509.7	.
Singapore	362	359	35.5	64.5	0.6	0.3	607.3	607.7	584.1	585.9
Slovak Republic	269	265	72.2	27.8	1.2	0.0	519.5	522.9	532.7	.
Slovenia	269	258	51.0	49.0	2.0	1.6	524.6	526.3	522.8	543.1
South Africa (5)	287	216	62.3	37.7	1.6	24.2	292.6	332.4	347.0	306.2
Spain	582	555	51.7	48.3	2.7	2.0	504.0	503.9	500.3	512.2
Sweden	250	197	41.2	58.8	4.7	14.5	535.9	532.9	514.3	529.4
Turkiye (5)	171	170	69.7	30.3	0.5	0.0	575.3	558.1	578.9	.
United Arab Emirates	1435	1194	62.8	37.2	2.5	11.2	511.8	472.2	483.4	481.2
United States	495	468	26.7	73.3	2.3	3.6	537.1	530.1	562.3	526.0
Uzbekistan	168	157	93.0	7.0	5.0	2.0	413.4	405.9	390.2	420.6
International Avg. (57)	17865	15242	55.2	44.8	3.3	9.0	495.4	493.4	493.4	490.6
Ontario, Canada	286	228	53.3	46.7	6.7	11.8	523.2	529.0	536.0	514.7
Quebec, Canada	215	186	25.9	74.1	2.6	8.0	511.6	505.3	514.4	512.1
Abu Dhabi, UAE	553	460	44.5	55.5	2.4	11.4	464.7	436.4	393.1	436.0
Dubai, UAE	359	308	72.4	27.6	1.3	9.4	571.6	549.5	546.2	534.8
Sharjah, UAE	284	218	73.2	26.8	4.3	14.9	504.8	499.8	546.5	486.6

Question: How much do you agree or disagree that education about environmental sustainability should be a priority for schools?
 Location: TQS-06 (ATBS06)

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
Albania	123	93	99.0	1.0	0.0	0.0	4.5	17.7	487.0	491.5	.	.	487.9	507.0
Armenia	211	148	83.6	16.4	0.0	0.0	26.3	1.9	457.3	469.4	.	.	451.5	461.0
Australia	347	237	70.5	27.7	1.9	0.0	4.0	27.0	556.3	541.2	525.0	.	543.6	545.2
Azerbaijan	271	218	53.4	41.3	4.3	0.9	6.3	12.8	428.4	415.4	415.5	442.6	410.5	420.6
Bahrain	212	210	84.9	15.1	0.0	0.0	1.8	0.0	478.1	459.2	.	.	458.7	.
Belgium (Flemish)	278	210	33.1	58.3	8.4	0.2	2.3	19.7	500.5	485.8	494.3	405.4	495.4	477.0
Belgium (French)	344	282	53.3	39.2	7.1	0.4	2.4	14.9	480.8	484.3	487.3	469.4	502.8	466.6
Bosnia & Herzegovina	236	172	81.3	18.5	0.2	0.0	6.5	20.2	449.7	451.7	458.7	.	458.1	438.8
Brazil	1047	895	93.0	6.6	0.3	0.1	12.0	1.6	427.7	416.6	405.4	394.0	410.2	437.3
Bulgaria	208	185	81.6	18.4	0.0	0.0	9.7	1.0	537.1	501.8	.	.	521.5	515.0
Canada	917	798	69.3	27.6	2.6	0.5	3.3	9.4	522.0	516.3	551.0	540.3	533.3	515.2
Chile	178	159	85.6	12.9	0.0	1.6	2.9	7.1	480.3	482.0	.	423.3	489.0	471.0
Chinese Taipei	238	234	69.6	29.6	0.8	0.0	1.5	0.0	573.9	570.1	568.3	.	563.0	.
Cyprus	267	251	85.7	13.3	0.4	0.6	4.7	1.5	488.5	478.1	484.7	510.4	484.2	476.8
Czech Republic	344	337	51.6	43.7	4.8	0.0	0.6	1.1	528.1	524.1	530.4	.	422.4	525.8
Denmark	278	181	69.0	26.9	4.1	0.0	14.2	19.5	524.9	516.0	528.7	.	519.8	521.9
England	178	115	67.7	32.3	0.0	0.0	10.4	23.3	556.9	555.6	.	.	567.7	550.7
Finland	369	349	72.7	26.0	1.0	0.3	1.4	2.7	545.7	535.4	521.0	544.0	553.3	509.7
France	306	239	70.8	26.8	2.5	0.0	3.4	18.1	487.4	490.4	479.5	.	502.5	486.0
Georgia	218	218	80.0	19.3	0.4	0.4	0.0	0.0	465.6	463.1	417.3	471.9	.	.
Germany	243	197	82.0	18.0	0.0	0.0	4.5	13.5	517.5	503.1	.	.	518.8	517.8
Hong Kong SAR	182	121	54.0	43.2	1.3	1.5	0.8	31.3	539.7	545.7	489.1	551.9	561.5	552.3
Hungary	263	215	74.2	23.6	2.2	0.0	0.5	15.7	525.4	519.7	501.0	.	452.9	530.6
Iran, Islamic Rep. of	224	223	98.2	1.8	0.0	0.0	0.4	0.0	433.2	384.1	.	.	388.4	.
Ireland	239	212	79.7	19.9	0.3	0.0	10.3	0.4	537.4	522.0	524.3	.	511.2	537.9
Italy	266	262	86.6	12.8	0.6	0.0	0.9	0.7	509.0	522.7	482.3	.	506.5	504.4
Japan	142	136	27.7	68.8	3.5	0.0	3.4	1.6	555.9	554.3	553.0	.	552.6	568.6
Jordan	224	217	76.2	21.3	2.5	0.0	2.3	0.3	417.9	414.6	478.4	.	384.8	336.1
Kazakhstan	303	241	66.3	29.5	3.7	0.5	19.2	1.3	473.0	460.5	480.6	534.3	451.6	484.2
Korea, Rep. of	199	173	64.1	32.7	2.8	0.4	4.7	7.9	585.9	580.6	598.9	575.4	573.7	575.3
Kosovo	231	199	95.0	5.0	0.0	0.0	4.4	9.5	407.3	359.5	.	.	404.1	386.5
Kuwait	164	124	81.4	18.6	0.0	0.0	22.3	1.4	384.1	341.8	.	.	360.5	418.7
Latvia	213	205	54.1	44.4	1.6	0.0	0.3	3.8	525.7	527.2	514.0	.	539.2	508.2
Lithuania	250	245	51.4	47.2	1.0	0.4	1.0	0.5	535.8	537.8	496.1	593.0	550.9	572.4
Macao SAR	275	274	63.9	32.7	3.4	0.0	0.0	0.0	534.6	537.8	539.0	.	589.8	.
Montenegro	338	320	77.3	20.2	0.0	2.5	2.4	4.0	463.0	449.9	.	458.9	461.5	469.7
Morocco	303	270	81.1	18.0	0.4	0.5	1.9	5.9	390.3	405.1	299.1	326.3	365.8	366.6
Netherlands	188	112	18.1	67.2	12.8	1.9	5.2	32.9	511.7	519.5	517.8	503.4	507.1	517.3
New Zealand	396	193	70.3	26.1	2.5	1.1	4.4	45.2	524.3	526.2	536.5	429.4	522.3	508.5
North Macedonia	274	197	87.4	11.4	1.2	0.0	3.1	25.2	440.5	445.0	414.3	.	434.3	433.4
Norway (5)	314	209	88.2	11.5	0.4	0.0	4.2	26.6	532.9	537.2	564.8	.	529.7	522.7
Oman	287	271	80.4	18.1	1.2	0.2	2.5	2.6	433.4	432.5	411.3	369.9	414.9	442.7
Poland	267	261	75.8	23.9	0.4	0.0	2.0	0.7	552.1	540.9	547.0	.	564.1	572.0
Portugal	321	315	85.2	14.1	0.7	0.0	1.1	0.8	512.3	500.0	486.6	.	532.9	510.7
Qatar	283	276	90.3	9.3	0.3	0.0	1.4	2.3	474.3	441.0	436.2	.	427.4	543.2
Romania	188	121	95.4	4.6	0.0	0.0	2.8	34.2	532.8	531.5	.	.	523.9	514.4
Saudi Arabia	217	185	85.4	13.5	1.1	0.0	3.5	10.5	425.0	439.3	452.0	.	399.3	439.7
Serbia	213	210	85.6	13.6	0.8	0.0	1.3	0.0	509.9	508.5	512.5	.	517.3	.
Singapore	362	359	72.5	27.3	0.2	0.0	0.6	0.3	607.6	607.2	628.9	.	584.1	585.9
Slovak Republic	269	267	57.5	39.7	2.8	0.0	0.7	0.0	519.7	521.9	517.1	.	533.7	.
Slovenia	269	259	60.4	37.4	2.2	0.0	1.2	1.6	525.0	525.3	539.7	.	518.2	543.1
South Africa (5)	287	182	86.3	13.7	0.0	0.0	12.9	24.2	309.4	302.5	.	.	308.6	306.2
Spain	582	555	88.5	9.6	1.9	0.1	2.4	2.0	504.0	503.9	504.7	566.9	497.1	512.2
Sweden	250	195	46.2	50.3	3.5	0.0	5.1	14.5	535.1	532.1	554.6	.	513.8	529.4
Turkiye (5)	171	170	92.1	7.6	0.4	0.0	0.5	0.0	570.9	562.6	526.6	.	578.9	.
United Arab Emirates	1435	1199	92.4	7.0	0.3	0.3	2.1	11.2	498.8	475.9	459.2	472.4	484.6	481.2
United States	495	470	55.4	37.0	5.8	1.8	1.9	3.6	533.7	530.5	532.5	524.5	552.0	526.0
Uzbekistan	168	158	89.7	9.2	0.0	1.1	4.5	2.0	411.8	419.6	.	.	409.1	420.6
International Avg. (58)	17865	15329	73.6	24.3	1.7	0.3	4.5	9.3	496.2	490.0	499.2	475.4	489.5	491.3
Ontario, Canada	286	230	72.0	27.0	0.0	1.0	5.0	11.8	526.3	523.7	.	540.9	542.4	514.7
Quebec, Canada	215	187	60.6	34.5	4.9	0.0	2.2	8.0	508.9	502.5	513.1	.	517.1	512.1
Abu Dhabi, UAE	553	461	92.9	6.8	0.0	0.3	2.3	11.4	451.5	409.2	.	466.3	399.6	436.0
Dubai, UAE	359	309	92.6	7.2	0.0	0.2	1.1	9.4	567.8	538.0	.	550.9	532.7	534.8
Sharjah, UAE	284	220	93.3	6.7	0.0	0.0	3.4	14.9	502.9	516.5	.	.	550.6	486.6

Question: Do the students in this class have digital devices (including computers, tablets, or smartphones) available to use during science lessons?
 Location: TQS-07A (ATBS07A)

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
Albania	123	93	15.3	84.7	4.5	17.7	517.4	481.5	487.9	507.0
Armenia	211	177	16.8	83.2	11.9	1.9	469.6	454.4	459.1	461.0
Australia	347	241	84.9	15.1	2.3	27.0	553.5	540.8	536.6	545.2
Azerbaijan	271	219	34.7	65.3	5.3	12.8	421.0	422.1	422.1	420.6
Bahrain	212	211	54.9	45.1	0.9	0.0	482.7	465.4	486.7	.
Belgium (Flemish)	278	211	93.9	6.1	1.7	19.7	490.4	501.7	499.9	477.0
Belgium (French)	344	284	30.1	69.9	2.0	14.9	478.7	484.1	512.6	466.6
Bosnia & Herzegovina	236	171	17.2	82.8	6.9	20.2	436.7	452.8	458.4	438.8
Brazil	1047	900	32.6	67.4	11.6	1.6	451.8	414.3	411.7	437.3
Bulgaria	208	204	61.4	38.6	1.2	1.0	527.1	535.9	472.3	515.0
Canada	917	799	77.2	22.8	3.2	9.4	524.9	509.0	534.5	515.2
Chile	178	162	52.6	47.4	1.1	7.1	482.2	477.6	468.5	471.0
Chinese Taipei	238	236	71.3	28.7	0.2	0.0	573.1	571.5	554.3	.
Cyprus	267	260	27.3	72.7	1.1	1.5	497.2	483.7	461.0	476.8
Czech Republic	344	338	53.5	46.5	0.3	1.1	528.3	524.1	385.8	525.8
Denmark	278	180	97.0	3.0	14.5	19.5	523.0	510.3	519.9	521.9
England	178	124	73.3	26.7	3.0	23.3	561.0	551.5	546.8	550.7
Finland	369	351	96.6	3.4	1.1	2.7	542.5	554.2	549.2	509.7
France	306	241	30.2	69.8	2.8	18.1	495.8	484.4	509.1	486.0
Georgia	218	218	71.2	28.8	0.0	0.0	467.2	459.3	.	.
Germany	243	200	82.6	17.4	3.2	13.5	514.4	518.4	515.7	517.8
Hong Kong SAR	182	122	92.2	7.8	0.3	31.3	541.2	546.2	619.1	552.3
Hungary	263	215	76.5	23.5	0.5	15.7	522.9	525.5	452.9	530.6
Iran, Islamic Rep. of	224	224	53.6	46.4	0.0	0.0	447.4	414.4	.	.
Ireland	239	236	64.9	35.1	0.7	0.4	535.8	524.6	530.9	537.9
Italy	266	262	48.3	51.7	0.9	0.7	510.5	510.7	506.5	504.4
Japan	142	136	100.0	0.0	3.4	1.6	554.7	.	552.6	568.6
Jordan	224	219	24.7	75.3	1.7	0.3	426.8	415.5	396.9	336.1
Kazakhstan	303	248	75.4	24.6	15.3	1.3	463.8	478.1	460.6	484.2
Korea, Rep. of	199	173	94.7	5.3	4.7	7.9	584.4	586.4	573.7	575.3
Kosovo	231	199	17.6	82.4	4.4	9.5	410.8	404.0	398.9	386.5
Kuwait	164	162	51.2	48.8	0.0	1.4	374.7	370.6	.	418.7
Latvia	213	206	91.7	8.3	0.0	3.8	526.3	525.9	.	508.2
Lithuania	250	246	88.1	11.9	0.6	0.5	536.6	536.8	561.5	572.4
Macao SAR	275	274	79.4	20.6	0.0	0.0	537.7	528.3	589.8	.
Montenegro	338	320	16.5	83.5	2.4	4.0	475.7	457.2	461.5	469.7
Morocco	303	271	6.4	93.6	1.3	5.9	410.6	389.9	429.7	366.6
Netherlands	188	113	87.3	12.7	4.8	32.9	517.5	518.4	505.6	517.3
New Zealand	396	196	93.0	7.0	3.4	45.2	523.8	527.9	520.3	508.5
North Macedonia	274	198	22.4	77.6	2.8	25.2	443.2	440.1	430.8	433.4
Norway (5)	314	209	98.1	1.9	4.2	26.6	533.9	511.4	529.7	522.7
Oman	287	271	29.1	70.9	2.6	2.6	435.9	431.4	420.6	442.7
Poland	267	263	59.0	41.0	1.3	0.7	550.9	547.4	566.5	572.0
Portugal	321	315	64.6	35.4	1.1	0.8	512.0	507.4	532.9	510.7
Qatar	283	278	54.6	45.4	0.5	2.3	475.6	463.2	565.0	543.2
Romania	188	121	56.9	43.1	2.8	34.2	538.3	525.4	523.9	514.4
Saudi Arabia	217	187	27.9	72.1	2.6	10.5	443.5	420.9	391.3	439.7
Serbia	213	212	46.0	54.0	0.4	0.0	512.4	507.6	526.3	.
Singapore	362	359	85.4	14.6	0.6	0.3	607.1	610.4	584.1	585.9
Slovak Republic	269	268	54.9	45.1	0.3	0.0	519.7	521.4	550.9	.
Slovenia	269	260	36.9	63.1	1.2	1.6	527.0	524.8	505.4	543.1
South Africa (5)	287	214	14.5	85.5	2.6	24.2	394.0	293.0	331.1	306.2
Spain	582	557	67.1	32.9	2.3	2.0	502.8	506.7	495.4	512.2
Sweden	250	197	96.7	3.3	4.7	14.5	534.0	536.9	514.3	529.4
Turkiye (5)	171	169	75.6	24.4	1.4	0.0	573.0	559.3	601.9	.
United Arab Emirates	1435	1207	72.4	27.6	1.6	11.2	518.3	442.4	461.5	481.2
United States	495	472	94.5	5.5	1.5	3.6	531.5	546.0	555.4	526.0
Uzbekistan	168	160	53.4	46.6	3.2	2.0	413.7	411.3	385.0	420.6
International Avg. (58)	17865	15559	59.4	40.6	2.8	9.3	500.1	490.6	496.8	491.3
Ontario, Canada	286	231	86.9	13.1	4.7	11.8	527.1	516.3	544.7	514.7
Quebec, Canada	215	187	58.0	42.0	2.2	8.0	508.8	504.2	517.1	512.1
Abu Dhabi, UAE	553	463	65.1	34.9	2.1	11.4	473.6	402.1	399.1	436.0
Dubai, UAE	359	309	91.4	8.6	1.1	9.4	573.0	486.8	532.7	534.8
Sharjah, UAE	284	224	70.2	29.8	1.8	14.9	515.2	482.5	513.9	486.6

Question: What access do the students have to digital devices? The class has digital devices for each student to use
 Location: TQS-07Ba (ATBS07BA)

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
Albania	123	93	6.5	8.8	84.7	4.5	17.7	520.1	515.5	481.5	487.9	507.0
Armenia	211	175	1.0	14.7	84.3	13.1	1.9	439.6	467.8	454.4	463.7	461.0
Australia	347	241	52.3	32.6	15.1	2.3	27.0	557.0	547.8	540.8	536.6	545.2
Azerbaijan	271	215	8.5	24.8	66.7	7.0	12.8	412.1	425.4	422.1	418.0	420.6
Bahrain	212	210	15.8	38.8	45.4	1.5	0.0	506.1	472.5	465.4	501.0	.
Belgium (Flemish)	278	210	42.0	51.8	6.1	1.9	19.7	493.5	487.5	501.7	506.4	477.0
Belgium (French)	344	284	7.5	22.6	69.9	2.0	14.9	486.2	476.2	484.1	512.6	466.6
Bosnia & Herzegovina	236	170	0.5	16.1	83.5	7.4	20.2	426.8	436.1	452.8	457.9	438.8
Brazil	1047	897	16.4	16.0	67.7	11.9	1.6	451.4	455.1	414.3	409.6	437.3
Bulgaria	208	202	12.7	48.1	39.2	2.7	1.0	510.6	531.4	535.9	502.4	515.0
Canada	917	798	43.2	34.0	22.8	3.2	9.4	526.9	522.3	509.0	534.5	515.2
Chile	178	160	27.6	24.3	48.2	2.5	7.1	486.0	480.6	477.6	453.3	471.0
Chinese Taipei	238	236	45.4	25.9	28.7	0.2	0.0	572.6	573.9	571.5	554.3	.
Cyprus	267	258	6.6	19.9	73.5	2.1	1.5	518.6	487.8	483.7	499.8	476.8
Czech Republic	344	337	14.1	39.1	46.7	0.9	1.1	534.8	525.9	524.1	470.2	525.8
Denmark	278	178	79.5	17.4	3.1	15.2	19.5	521.1	531.6	510.3	520.3	521.9
England	178	123	39.1	34.1	26.8	3.4	23.3	556.9	564.9	551.5	554.7	550.7
Finland	369	351	39.1	57.4	3.4	1.1	2.7	539.0	544.8	554.2	549.2	509.7
France	306	241	5.7	24.6	69.8	2.8	18.1	502.8	494.3	484.4	509.1	486.0
Georgia	218	218	17.6	53.5	28.8	0.0	0.0	458.6	470.1	459.3	.	.
Germany	243	200	25.9	56.8	17.4	3.2	13.5	504.7	518.8	518.4	515.7	517.8
Hong Kong SAR	182	122	53.7	38.4	7.8	0.3	31.3	543.8	537.7	546.2	619.1	552.3
Hungary	263	214	43.0	33.4	23.6	0.7	15.7	520.1	526.3	525.5	481.3	530.6
Iran, Islamic Rep. of	224	223	8.8	44.6	46.6	0.6	0.0	430.7	449.7	414.4	521.0	.
Ireland	239	235	23.0	41.7	35.2	1.2	0.4	539.6	533.5	524.6	540.1	537.9
Italy	266	259	12.9	34.7	52.4	2.1	0.7	515.9	509.1	510.7	499.5	504.4
Japan	142	136	98.5	1.5	0.0	3.4	1.6	554.9	540.8	.	552.6	568.6
Jordan	224	218	4.0	20.7	75.3	1.7	0.3	427.4	426.6	415.5	398.6	336.1
Kazakhstan	303	242	33.0	41.6	25.4	17.9	1.3	457.3	470.7	478.1	457.8	484.2
Korea, Rep. of	199	172	56.1	38.5	5.4	5.2	7.9	582.6	587.1	586.4	573.7	575.3
Kosovo	231	199	5.8	11.8	82.4	4.4	9.5	403.6	414.3	404.0	398.9	386.5
Kuwait	164	158	3.6	46.3	50.1	2.5	1.4	460.9	370.2	370.6	337.0	418.7
Latvia	213	204	30.6	61.0	8.4	0.6	3.8	523.8	527.5	525.9	522.5	508.2
Lithuania	250	245	28.3	59.7	12.0	1.4	0.5	536.3	536.5	536.8	556.1	572.4
Macao SAR	275	274	43.1	36.3	20.6	0.0	0.0	545.5	528.5	528.3	589.8	.
Montenegro	338	319	0.6	15.9	83.5	2.4	4.0	431.1	477.4	457.2	461.9	469.7
Morocco	303	267	0.7	4.8	94.5	2.2	5.9	455.1	414.3	389.9	401.2	366.6
Netherlands	188	113	61.8	25.5	12.7	4.8	32.9	516.8	519.0	518.4	505.6	517.3
New Zealand	396	192	42.0	50.8	7.2	4.5	45.2	519.5	526.6	527.9	525.8	508.5
North Macedonia	274	198	10.2	12.1	77.6	2.8	25.2	453.6	434.5	440.1	430.8	433.4
Norway (5)	314	207	91.9	6.2	1.9	4.9	26.6	533.0	550.1	511.4	527.2	522.7
Oman	287	269	4.2	24.4	71.4	3.3	2.6	457.3	430.9	431.4	432.7	442.7
Poland	267	262	16.7	42.1	41.2	1.7	0.7	558.5	547.7	547.4	567.4	572.0
Portugal	321	315	45.3	19.3	35.4	1.1	0.8	511.4	513.4	507.4	532.9	510.7
Qatar	283	276	18.5	35.7	45.8	1.2	2.3	487.9	470.8	463.2	466.9	543.2
Romania	188	121	19.9	37.0	43.1	2.8	34.2	532.4	541.4	525.4	523.9	514.4
Saudi Arabia	217	184	7.9	19.1	73.0	3.6	10.5	452.4	440.0	420.9	405.2	439.7
Serbia	213	209	13.0	32.0	55.0	2.2	0.0	513.6	512.2	507.6	510.3	.
Singapore	362	358	59.2	26.1	14.7	0.9	0.3	609.5	601.4	610.4	592.2	585.9
Slovak Republic	269	268	9.0	45.9	45.1	0.3	0.0	530.1	517.7	521.4	550.9	.
Slovenia	269	260	7.1	29.8	63.1	1.2	1.6	522.1	528.2	524.8	505.4	543.1
South Africa (5)	287	208	4.6	10.1	85.3	2.8	26.2	468.6	365.0	292.7	322.8	305.9
Spain	582	555	31.3	35.8	32.9	2.3	2.0	502.3	503.2	506.7	495.4	512.2
Sweden	250	187	92.2	7.8	0.0	8.9	14.5	535.7	509.6	.	527.8	529.4
Turkiye (5)	171	169	31.4	44.2	24.4	1.4	0.0	576.0	570.9	559.3	601.9	.
United Arab Emirates	1435	1197	31.8	40.4	27.8	2.0	11.2	536.9	503.9	442.4	468.8	481.2
United States	495	470	90.9	3.5	5.6	1.9	3.6	531.1	547.0	546.0	540.2	526.0
Uzbekistan	168	160	13.7	39.6	46.6	3.2	2.0	406.2	416.3	411.3	385.0	420.6
International Avg. (58)	17865	15462	28.5	30.7	40.8	3.3	9.3	503.6	498.8	489.8	496.3	491.3
Ontario, Canada	286	231	50.0	36.9	13.1	4.7	11.8	526.2	528.2	516.3	544.7	514.7
Quebec, Canada	215	187	26.4	31.6	42.0	2.2	8.0	510.8	507.1	504.2	517.1	512.1
Abu Dhabi, UAE	553	458	28.5	36.4	35.1	2.6	11.4	499.1	454.3	402.1	405.3	436.0
Dubai, UAE	359	307	47.4	44.0	8.6	1.5	9.4	582.0	563.5	486.8	539.5	534.8
Sharjah, UAE	284	222	27.6	42.4	29.9	2.1	14.9	523.1	509.7	482.5	520.6	486.6

Question: What access do the students have to digital devices? The class has digital devices that students can share
Location: TQS-07Bb (ATBS07BB)

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
Albania	123	92	6.7	7.8	85.6	5.3	17.7	517.8	509.7	481.5	500.6	507.0
Armenia	211	173	3.6	10.3	86.1	14.9	1.9	468.4	463.8	454.4	464.8	461.0
Australia	347	241	45.6	39.4	15.1	2.3	27.0	549.1	558.5	540.8	536.6	545.2
Azerbaijan	271	215	15.2	18.2	66.7	7.0	12.8	424.1	420.3	422.1	418.0	420.6
Bahrain	212	210	20.5	34.2	45.3	1.4	0.0	495.2	476.5	465.4	453.3	.
Belgium (Flemish)	278	210	66.4	27.5	6.1	1.9	19.7	487.9	495.8	501.7	506.4	477.0
Belgium (French)	344	284	22.4	7.7	69.9	2.0	14.9	480.7	472.8	484.1	512.6	466.6
Bosnia & Herzegovina	236	169	8.8	6.7	84.5	8.3	20.2	435.7	448.9	452.8	448.2	438.8
Brazil	1047	897	25.0	7.4	67.7	11.9	1.6	460.0	430.4	414.3	409.6	437.3
Bulgaria	208	201	28.0	32.5	39.5	3.4	1.0	515.7	536.6	535.9	509.9	515.0
Canada	917	797	53.2	24.0	22.8	3.2	9.4	524.7	525.3	509.0	534.5	515.2
Chile	178	160	33.2	18.6	48.2	2.5	7.1	486.8	477.6	477.6	453.3	471.0
Chinese Taipei	238	236	47.8	23.5	28.7	0.2	0.0	575.2	568.8	571.5	554.3	.
Cyprus	267	259	11.1	15.7	73.2	1.8	1.5	500.3	492.7	483.7	495.0	476.8
Czech Republic	344	337	24.6	28.7	46.7	0.9	1.1	526.2	530.0	524.1	470.2	525.8
Denmark	278	178	18.3	78.6	3.1	15.2	19.5	534.9	520.2	510.3	520.3	521.9
England	178	123	48.5	24.7	26.8	3.4	23.3	557.5	566.8	551.5	554.7	550.7
Finland	369	351	38.8	57.8	3.4	1.1	2.7	541.2	543.4	554.2	549.2	509.7
France	306	241	20.5	9.8	69.8	2.8	18.1	503.2	480.4	484.4	509.1	486.0
Georgia	218	218	27.8	43.4	28.8	0.0	0.0	471.6	464.5	459.3	.	.
Germany	243	199	51.1	31.5	17.4	3.6	13.5	514.0	516.0	518.4	509.3	517.8
Hong Kong SAR	182	121	56.7	35.5	7.9	0.5	31.3	547.8	531.1	546.2	575.8	552.3
Hungary	263	213	34.9	41.4	23.8	1.5	15.7	523.8	522.8	525.5	481.0	530.6
Iran, Islamic Rep. of	224	223	22.7	30.7	46.6	0.6	0.0	455.4	440.1	414.4	521.0	.
Ireland	239	235	39.4	25.4	35.2	0.9	0.4	535.7	535.6	524.6	541.2	537.9
Italy	266	260	39.8	7.8	52.4	2.0	0.7	514.3	489.2	510.7	516.9	504.4
Japan	142	136	73.7	26.3	0.0	3.4	1.6	555.9	551.4	.	552.6	568.6
Jordan	224	219	11.3	13.5	75.3	1.7	0.3	438.6	417.0	415.5	396.9	336.1
Kazakhstan	303	243	57.4	17.3	25.3	17.7	1.3	466.1	460.3	478.1	457.9	484.2
Korea, Rep. of	199	172	41.0	53.6	5.4	5.2	7.9	580.6	587.4	586.4	573.7	575.3
Kosovo	231	199	11.2	6.4	82.4	4.4	9.5	395.9	436.7	404.0	398.9	386.5
Kuwait	164	159	22.3	27.9	49.8	1.9	1.4	376.0	378.8	370.6	302.9	418.7
Latvia	213	205	49.0	42.7	8.3	0.3	3.8	522.6	530.8	525.9	476.9	508.2
Lithuania	250	245	37.7	50.3	12.0	1.4	0.5	533.2	538.9	536.8	556.1	572.4
Macao SAR	275	274	55.4	24.0	20.6	0.0	0.0	542.6	526.5	528.3	589.8	.
Montenegro	338	318	9.9	6.5	83.6	2.5	4.0	487.5	459.6	457.2	457.5	469.7
Morocco	303	266	4.2	0.8	94.9	2.6	5.9	436.8	371.0	389.9	392.6	366.6
Netherlands	188	113	31.5	55.8	12.7	4.8	32.9	516.3	518.1	518.4	505.6	517.3
New Zealand	396	193	71.8	21.1	7.2	4.3	45.2	524.0	522.4	527.9	523.0	508.5
North Macedonia	274	196	11.3	10.5	78.2	3.3	25.2	439.9	453.4	440.1	418.0	433.4
Norway (5)	314	207	40.3	57.8	1.9	4.9	26.6	534.7	533.7	511.4	527.2	522.7
Oman	287	269	13.9	14.7	71.4	3.3	2.6	431.3	438.1	431.4	432.7	442.7
Poland	267	260	41.1	17.5	41.4	2.2	0.7	551.3	548.7	547.4	569.0	572.0
Portugal	321	314	37.8	26.7	35.5	1.4	0.8	510.7	513.9	507.4	528.2	510.7
Qatar	283	274	24.7	29.0	46.3	2.3	2.3	491.7	463.3	463.2	479.4	543.2
Romania	188	121	35.3	21.6	43.1	2.8	34.2	543.2	530.1	525.4	523.9	514.4
Saudi Arabia	217	184	13.3	13.6	73.0	3.6	10.5	459.8	427.8	420.9	405.2	439.7
Serbia	213	212	34.8	11.2	54.0	0.4	0.0	510.3	518.9	507.6	526.3	.
Singapore	362	358	61.2	24.1	14.7	0.9	0.3	606.8	607.6	610.4	592.2	585.9
Slovak Republic	269	268	31.8	23.1	45.1	0.3	0.0	519.8	519.7	521.4	550.9	.
Slovenia	269	259	12.9	23.8	63.3	1.5	1.6	526.5	526.9	524.8	515.8	543.1
South Africa (5)	287	208	5.8	9.0	85.3	2.8	26.2	419.3	383.1	292.7	322.8	305.9
Spain	582	554	41.6	25.4	32.9	2.5	2.0	501.9	504.1	506.7	496.4	512.2
Sweden	250	187	24.0	76.0	0.0	8.9	14.5	527.7	535.5	.	527.8	529.4
Turkiye (5)	171	169	44.2	31.3	24.4	1.4	0.0	574.1	571.6	559.3	601.9	.
United Arab Emirates	1435	1195	37.8	34.3	27.8	2.2	11.2	512.1	525.1	442.4	476.7	481.2
United States	495	470	36.8	57.7	5.6	1.9	3.6	529.3	533.3	546.0	540.2	526.0
Uzbekistan	168	160	36.0	17.4	46.6	3.2	2.0	415.0	410.9	411.3	385.0	420.6
International Avg. (58)	17865	15450	32.3	26.9	40.8	3.4	9.3	502.2	497.6	489.8	493.9	491.3
Ontario, Canada	286	231	59.1	27.7	13.1	4.7	11.8	529.5	521.9	516.3	544.7	514.7
Quebec, Canada	215	187	38.5	19.6	42.0	2.2	8.0	508.0	510.3	504.2	517.1	512.1
Abu Dhabi, UAE	553	458	36.1	28.8	35.1	2.6	11.4	459.4	492.2	402.1	405.3	436.0
Dubai, UAE	359	306	43.6	47.8	8.6	1.9	9.4	574.2	572.3	486.8	540.5	534.8
Sharjah, UAE	284	222	38.4	31.7	29.9	2.1	14.9	523.2	505.1	482.5	520.6	486.6

Question: What access do the students have to digital devices? The school has digital devices that the class can use sometimes
 Location: TQS-07Bc (ATBS07BC)

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
Albania	123	93	15.3	0.0	84.7	4.5	17.7	517.4	.	481.5	487.9	507.0
Armenia	211	175	16.0	0.3	83.6	12.4	1.9	469.3	431.5	454.4	460.7	461.0
Australia	347	240	42.9	42.0	15.1	2.5	27.0	549.8	557.4	540.8	536.1	545.2
Azerbaijan	271	212	24.9	7.3	67.8	8.3	12.8	425.9	414.9	422.1	414.1	420.6
Bahrain	212	210	45.1	9.6	45.3	1.3	0.0	479.3	500.9	465.4	467.0	.
Belgium (Flemish)	278	208	81.4	12.4	6.2	2.9	19.7	488.9	497.6	501.7	504.3	477.0
Belgium (French)	344	284	28.0	2.1	69.9	2.0	14.9	477.6	493.5	484.1	512.6	466.6
Bosnia & Herzegovina	236	170	13.9	2.6	83.5	7.4	20.2	433.7	447.2	452.8	457.9	438.8
Brazil	1047	896	30.6	1.7	67.7	11.9	1.6	454.7	427.8	414.3	409.7	437.3
Bulgaria	208	202	55.8	5.0	39.2	2.7	1.0	530.6	487.7	535.9	502.4	515.0
Canada	917	795	55.9	21.2	22.9	3.6	9.4	523.0	528.3	509.0	541.8	515.2
Chile	178	161	48.7	3.7	47.7	1.6	7.1	483.7	463.0	477.6	472.4	471.0
Chinese Taipei	238	236	60.1	11.3	28.7	0.2	0.0	573.4	571.5	571.5	554.3	.
Cyprus	267	259	22.1	4.7	73.2	1.8	1.5	490.7	520.0	483.7	495.0	476.8
Czech Republic	344	337	52.5	0.8	46.7	0.9	1.1	528.6	510.3	524.1	470.2	525.8
Denmark	278	178	33.2	63.7	3.1	15.2	19.5	529.9	519.4	510.3	520.3	521.9
England	178	123	54.1	19.0	26.8	3.4	23.3	562.8	554.5	551.5	554.7	550.7
Finland	369	351	83.5	13.0	3.4	1.1	2.7	542.8	540.3	554.2	549.2	509.7
France	306	241	28.4	1.9	69.8	2.8	18.1	494.7	514.0	484.4	509.1	486.0
Georgia	218	218	62.7	8.4	28.8	0.0	0.0	466.2	474.8	459.3	.	.
Germany	243	200	69.0	13.7	17.4	3.2	13.5	516.0	506.4	518.4	515.7	517.8
Hong Kong SAR	182	122	88.4	3.8	7.8	0.3	31.3	541.4	536.9	546.2	619.1	552.3
Hungary	263	215	69.9	6.6	23.5	0.5	15.7	524.5	505.7	525.5	452.9	530.6
Iran, Islamic Rep. of	224	223	42.6	10.7	46.6	0.6	0.0	448.0	441.2	414.4	521.0	.
Ireland	239	235	56.1	8.7	35.2	0.9	0.4	537.2	527.8	524.6	522.9	537.9
Italy	266	259	41.3	6.4	52.3	1.9	0.7	509.8	518.1	510.7	498.3	504.4
Japan	142	136	58.1	41.9	0.0	3.4	1.6	556.4	552.3	.	552.6	568.6
Jordan	224	218	20.9	3.8	75.3	1.7	0.3	424.1	441.4	415.5	398.6	336.1
Kazakhstan	303	242	63.2	11.4	25.4	17.9	1.3	465.1	463.3	478.1	457.8	484.2
Korea, Rep. of	199	172	69.1	25.6	5.4	5.2	7.9	585.6	581.3	586.4	573.7	575.3
Kosovo	231	199	15.5	2.1	82.4	4.4	9.5	409.1	423.1	404.0	398.9	386.5
Kuwait	164	159	41.2	9.0	49.8	1.9	1.4	376.2	383.7	370.6	302.9	418.7
Latvia	213	203	78.0	13.6	8.4	1.0	3.8	526.5	528.7	525.9	476.4	508.2
Lithuania	250	245	81.4	6.7	12.0	1.4	0.5	536.2	539.2	536.8	556.1	572.4
Macao SAR	275	274	75.1	4.3	20.6	0.0	0.0	539.3	510.9	528.3	589.8	.
Montenegro	338	318	13.2	3.2	83.6	2.5	4.0	480.4	460.2	457.2	457.5	469.7
Morocco	303	266	3.7	1.3	94.9	2.6	5.9	432.6	407.4	389.9	392.6	366.6
Netherlands	188	113	30.4	56.9	12.7	4.8	32.9	518.0	517.2	518.4	505.6	517.3
New Zealand	396	192	51.3	41.5	7.2	4.7	45.2	526.5	520.6	527.9	520.6	508.5
North Macedonia	274	196	17.4	4.3	78.3	3.4	25.2	442.2	459.7	440.1	422.1	433.4
Norway (5)	314	206	42.1	56.0	1.9	5.2	26.6	533.9	534.1	511.4	529.0	522.7
Oman	287	269	22.6	6.0	71.4	3.3	2.6	437.4	425.2	431.4	432.7	442.7
Poland	267	261	55.6	3.0	41.3	2.0	0.7	550.9	545.6	547.4	569.0	572.0
Portugal	321	315	51.0	13.6	35.4	1.1	0.8	512.4	510.5	507.4	532.9	510.7
Qatar	283	276	49.1	5.1	45.8	1.2	2.3	474.4	498.6	463.2	466.9	543.2
Romania	188	121	46.6	10.3	43.1	2.8	34.2	536.5	546.0	525.4	523.9	514.4
Saudi Arabia	217	184	21.6	5.4	73.0	3.6	10.5	443.5	444.5	420.9	405.2	439.7
Serbia	213	212	37.9	8.1	54.0	0.4	0.0	509.9	524.0	507.6	526.3	.
Singapore	362	359	81.6	3.8	14.6	0.6	0.3	606.5	618.3	610.4	584.1	585.9
Slovak Republic	269	268	48.0	7.0	45.1	0.3	0.0	518.0	531.5	521.4	550.9	.
Slovenia	269	260	35.3	1.6	63.1	1.2	1.6	527.0	527.3	524.8	505.4	543.1
South Africa (5)	287	208	11.4	3.4	85.3	2.8	26.2	391.4	417.2	292.7	322.8	305.9
Spain	582	554	61.5	5.6	32.9	2.3	2.0	502.6	504.9	506.7	495.3	512.2
Sweden	250	187	30.4	69.6	0.0	8.9	14.5	532.7	534.0	.	527.8	529.4
Turkiye (5)	171	169	59.4	16.2	24.4	1.4	0.0	573.7	570.6	559.3	601.9	.
United Arab Emirates	1435	1195	57.4	14.8	27.8	2.1	11.2	515.9	528.4	442.4	471.7	481.2
United States	495	470	37.0	57.5	5.6	1.9	3.6	524.3	536.5	546.0	540.2	526.0
Uzbekistan	168	160	47.9	5.5	46.6	3.2	2.0	413.7	413.5	411.3	385.0	420.6
International Avg. (58)	17865	15450	45.5	13.8	40.8	3.3	9.3	500.4	499.8	489.8	493.4	491.3
Ontario, Canada	286	229	56.6	30.1	13.3	5.6	11.8	525.4	527.5	516.3	553.7	514.7
Quebec, Canada	215	187	48.3	9.7	42.0	2.2	8.0	506.8	518.7	504.2	517.1	512.1
Abu Dhabi, UAE	553	457	51.9	13.0	35.1	2.7	11.4	468.5	496.3	402.1	405.3	436.0
Dubai, UAE	359	306	69.0	22.4	8.6	1.8	9.4	574.6	568.9	486.8	540.6	534.8
Sharjah, UAE	284	222	59.3	10.7	29.9	2.1	14.9	515.9	509.9	482.5	520.6	486.6

Question: What access do the students have to digital devices? Students bring their own digital devices
Location: TQS-07Bd (ATBS07BD)

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
Albania	123	93	6.3	9.0	84.7	4.5	17.7	525.2	512.0	481.5	487.9	507.0
Armenia	211	174	3.7	11.1	85.2	14.0	1.9	468.0	467.7	454.4	462.3	461.0
Australia	347	241	27.3	57.6	15.1	2.3	27.0	563.7	548.6	540.8	536.6	545.2
Azerbaijan	271	213	6.9	25.9	67.2	7.7	12.8	410.5	424.4	422.1	420.0	420.6
Bahrain	212	211	13.6	41.3	45.1	0.9	0.0	509.5	473.8	465.4	486.7	.
Belgium (Flemish)	278	208	1.9	91.9	6.2	2.4	19.7	479.1	490.3	501.7	506.6	477.0
Belgium (French)	344	284	1.3	28.8	69.9	2.0	14.9	515.3	477.0	484.1	512.6	466.6
Bosnia & Herzegovina	236	170	0.8	15.7	83.5	7.4	20.2	467.0	434.3	452.8	457.9	438.8
Brazil	1047	897	6.6	25.7	67.7	11.9	1.6	475.9	447.3	414.3	409.6	437.3
Bulgaria	208	201	20.0	40.6	39.5	3.3	1.0	526.4	526.4	535.9	517.6	515.0
Canada	917	796	10.9	66.3	22.9	3.4	9.4	541.1	522.2	509.0	534.8	515.2
Chile	178	160	9.6	42.6	47.9	2.0	7.1	485.2	481.0	477.6	485.1	471.0
Chinese Taipei	238	235	3.6	67.6	28.8	0.7	0.0	581.8	572.6	571.5	574.3	.
Cyprus	267	259	1.2	25.5	73.2	1.8	1.5	557.2	492.9	483.7	495.0	476.8
Czech Republic	344	337	10.9	42.3	46.7	0.9	1.1	529.2	528.0	524.1	470.2	525.8
Denmark	278	178	31.9	65.0	3.1	15.2	19.5	519.5	524.7	510.3	520.3	521.9
England	178	123	1.0	72.2	26.8	3.4	23.3	569.5	560.5	551.5	554.7	550.7
Finland	369	350	25.6	71.0	3.4	1.1	2.7	541.7	542.8	554.2	547.5	509.7
France	306	241	1.1	29.1	69.8	2.8	18.1	483.7	496.3	484.4	509.1	486.0
Georgia	218	217	53.5	17.4	29.1	0.8	0.0	465.7	471.9	459.3	467.0	.
Germany	243	199	2.4	80.1	17.4	3.6	13.5	488.0	515.1	518.4	517.7	517.8
Hong Kong SAR	182	121	36.7	55.3	7.9	1.3	31.3	540.5	542.2	546.2	548.2	552.3
Hungary	263	214	6.7	69.6	23.7	1.1	15.7	536.7	521.2	525.5	508.7	530.6
Iran, Islamic Rep. of	224	223	6.4	47.0	46.6	0.6	0.0	456.5	445.3	414.4	521.0	.
Ireland	239	234	2.2	62.6	35.2	1.1	0.4	527.9	536.0	524.6	538.2	537.9
Italy	266	260	1.1	46.8	52.1	1.5	0.7	487.5	511.6	510.7	491.8	504.4
Japan	142	136	38.1	61.9	0.0	3.4	1.6	557.0	553.2	.	552.6	568.6
Jordan	224	219	1.0	23.7	75.3	1.7	0.3	353.0	429.8	415.5	396.9	336.1
Kazakhstan	303	243	38.1	36.6	25.3	17.7	1.3	482.8	446.0	478.1	457.9	484.2
Korea, Rep. of	199	172	29.5	65.1	5.4	5.2	7.9	586.4	583.6	586.4	573.7	575.3
Kosovo	231	198	2.7	14.5	82.8	4.9	9.5	374.4	419.5	404.0	395.2	386.5
Kuwait	164	159	10.1	40.1	49.8	1.9	1.4	435.9	362.8	370.6	302.9	418.7
Latvia	213	205	76.3	15.3	8.3	0.3	3.8	526.5	526.1	525.9	476.9	508.2
Lithuania	250	244	50.1	37.9	12.0	1.7	0.5	534.1	539.7	536.8	549.8	572.4
Macao SAR	275	274	10.9	68.5	20.6	0.0	0.0	549.9	535.8	528.3	589.8	.
Montenegro	338	316	3.5	12.7	83.8	2.7	4.0	459.9	481.9	457.2	454.9	469.7
Morocco	303	265	0.9	4.1	95.0	2.6	5.9	509.3	407.7	389.9	392.9	366.6
Netherlands	188	113	0.9	86.5	12.7	4.8	32.9	474.4	517.9	518.4	505.6	517.3
New Zealand	396	194	35.7	57.2	7.1	3.8	45.2	536.2	516.2	527.9	520.2	508.5
North Macedonia	274	197	3.9	18.0	78.1	3.2	25.2	450.9	440.1	440.1	438.4	433.4
Norway (5)	314	207	24.6	73.5	1.9	4.9	26.6	537.0	533.1	511.4	527.2	522.7
Oman	287	269	2.8	25.8	71.4	3.3	2.6	474.8	430.4	431.4	432.7	442.7
Poland	267	262	30.7	28.1	41.2	1.7	0.7	552.0	549.4	547.4	567.4	572.0
Portugal	321	313	47.8	16.7	35.6	1.7	0.8	512.3	510.9	507.4	528.6	510.7
Qatar	283	275	14.5	39.7	45.8	1.3	2.3	511.6	463.9	463.2	468.3	543.2
Romania	188	121	25.8	31.1	43.1	2.8	34.2	552.5	526.4	525.4	523.9	514.4
Saudi Arabia	217	184	9.3	17.7	73.0	3.6	10.5	444.4	443.3	420.9	405.2	439.7
Serbia	213	212	14.3	31.7	54.0	0.4	0.0	517.1	510.3	507.6	526.3	.
Singapore	362	359	6.8	78.5	14.6	0.6	0.3	609.6	606.8	610.4	584.1	585.9
Slovak Republic	269	268	4.0	50.9	45.1	0.3	0.0	534.4	518.6	521.4	550.9	.
Slovenia	269	259	3.5	33.2	63.3	1.5	1.6	527.9	526.8	524.8	511.8	543.1
South Africa (5)	287	208	0.8	13.9	85.3	2.8	26.2	558.4	387.7	292.7	322.8	305.9
Spain	582	552	6.8	60.3	32.9	2.4	2.0	515.0	501.4	506.7	495.6	512.2
Sweden	250	0	.	.	.	.	.	.	.	.	.	.
Turkiye (5)	171	168	7.3	68.1	24.6	2.1	0.0	593.5	571.5	559.3	571.5	.
United Arab Emirates	1435	1196	52.7	19.4	27.8	2.1	11.2	538.6	464.3	442.4	467.6	481.2
United States	495	469	9.3	85.2	5.6	1.9	3.6	531.8	531.7	546.0	540.5	526.0
Uzbekistan	168	160	14.8	38.6	46.6	3.2	2.0	416.8	412.5	411.3	385.0	420.6
International Avg. (57)	17865	15256	15.3	43.2	41.5	3.3	9.2	509.0	496.8	489.8	493.0	490.5
Ontario, Canada	286	230	15.4	71.4	13.2	5.2	11.8	546.4	522.7	516.3	545.4	514.7
Quebec, Canada	215	187	2.0	56.0	42.0	2.2	8.0	536.0	507.8	504.2	517.1	512.1
Abu Dhabi, UAE	553	458	37.0	27.9	35.1	2.6	11.4	500.4	438.9	402.1	405.3	436.0
Dubai, UAE	359	307	81.8	9.6	8.6	1.5	9.4	577.6	534.8	486.8	539.5	534.8
Sharjah, UAE	284	221	54.8	15.0	30.2	2.8	14.9	521.8	494.1	482.5	502.5	486.6

Question: How often do you have students use digital devices during science instruction?
Location: TQS-07C (ATBS07C)

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
Albania	123	93	9.7	2.1	2.8	0.7	84.7	4.5	17.7	532.1	515.3	483.4	461.1	481.5	487.9	507.0
Armenia	211	176	2.8	7.5	5.3	1.0	83.4	12.1	1.9	490.2	462.3	475.6	433.5	454.4	459.2	461.0
Australia	347	237	37.7	33.5	13.0	0.4	15.4	3.8	27.0	557.8	556.3	538.8	500.7	540.8	534.3	545.2
Azerbaijan	271	216	17.1	10.2	2.1	4.2	66.3	6.6	12.8	430.9	410.2	408.9	415.7	422.1	420.4	420.6
Bahrain	212	208	36.3	13.9	3.0	1.1	45.7	2.3	0.0	489.8	465.8	481.7	413.0	465.4	506.0	.
Belgium (Flemish)	278	210	23.0	49.1	18.2	3.6	6.1	1.9	19.7	494.8	487.0	489.6	507.3	501.7	506.4	477.0
Belgium (French)	344	283	1.4	11.6	14.8	2.1	70.1	2.2	14.9	487.8	486.4	469.3	503.2	484.1	503.7	466.6
Bosnia & Herzegovina	236	170	4.6	8.2	2.7	0.7	83.9	7.8	20.2	419.0	429.8	465.4	491.8	452.8	457.9	438.8
Brazil	1047	897	12.5	9.8	8.2	1.9	67.7	11.9	1.6	470.2	435.3	452.5	437.4	414.3	409.6	437.3
Bulgaria	208	203	28.4	18.1	11.9	2.7	38.9	2.0	1.0	532.9	497.2	558.7	536.0	535.9	481.1	515.0
Canada	917	795	29.5	28.8	15.9	2.7	23.0	4.0	9.4	530.2	525.9	511.5	525.4	509.0	538.5	515.2
Chile	178	161	6.7	15.3	23.3	7.0	47.6	1.5	7.1	469.5	490.8	476.3	491.9	477.6	486.4	471.0
Chinese Taipei	238	235	18.0	27.8	16.6	8.7	28.8	0.7	0.0	575.9	574.2	570.8	567.1	571.5	579.0	.
Cyprus	267	259	3.2	6.2	15.4	2.0	73.2	1.8	1.5	514.9	505.8	488.5	491.2	483.7	495.0	476.8
Czech Republic	344	337	8.3	28.7	15.5	0.9	46.6	0.6	1.1	523.5	532.7	523.3	509.4	524.1	458.3	525.8
Denmark	278	178	59.0	33.4	4.5	0.0	3.1	15.1	19.5	523.0	525.8	512.7	.	510.3	518.3	521.9
England	178	123	16.0	31.1	22.8	3.2	26.8	3.4	23.3	542.6	563.2	569.8	559.5	551.5	554.7	550.7
Finland	369	349	25.5	64.9	5.9	0.2	3.4	1.3	2.7	550.7	539.4	543.2	474.1	554.2	547.0	509.7
France	306	241	1.0	3.6	12.5	13.2	69.8	2.8	18.1	509.1	506.9	491.9	495.6	484.4	509.1	486.0
Georgia	218	215	21.4	38.0	11.0	0.2	29.3	1.8	0.0	479.9	462.6	456.4	493.9	459.3	478.0	.
Germany	243	199	20.8	44.1	13.5	4.2	17.4	3.6	13.5	516.5	512.8	518.0	508.5	518.4	516.5	517.8
Hong Kong SAR	182	122	32.6	28.6	29.7	1.2	7.8	0.3	31.3	543.3	535.5	543.6	564.3	546.2	619.1	552.3
Hungary	263	214	21.4	35.8	16.6	2.6	23.6	0.8	15.7	525.6	528.6	512.2	478.5	525.5	512.4	530.6
Iran, Islamic Rep. of	224	223	25.1	12.2	8.5	7.6	46.6	0.6	0.0	449.9	445.4	440.7	444.1	414.4	521.0	.
Ireland	239	235	10.2	20.0	29.2	5.4	35.2	1.0	0.4	538.8	538.2	531.3	545.5	524.6	533.9	537.9
Italy	266	261	17.4	16.9	9.7	4.0	51.9	1.3	0.7	505.9	510.6	519.0	512.0	510.7	502.1	504.4
Japan	142	136	34.3	46.5	12.4	6.8	0.0	3.4	1.6	554.2	556.0	547.3	561.9	.	552.6	568.6
Jordan	224	215	9.6	4.2	9.0	1.2	76.0	2.6	0.3	447.8	415.4	414.7	389.7	415.5	408.3	336.1
Kazakhstan	303	241	53.4	17.1	2.8	1.0	25.7	18.9	1.3	462.6	470.5	483.5	527.9	478.1	454.3	484.2
Korea, Rep. of	199	172	20.8	51.2	19.4	3.2	5.4	5.3	7.9	591.7	582.2	584.6	572.1	586.4	574.3	575.3
Kosovo	231	199	7.1	6.1	2.9	1.6	82.4	4.4	9.5	392.7	423.9	430.3	405.1	404.0	398.9	386.5
Kuwait	164	159	29.2	12.1	5.7	3.2	49.8	1.9	1.4	382.0	388.1	324.2	371.6	370.6	337.1	418.7
Latvia	213	204	32.9	40.7	17.5	0.5	8.4	0.7	3.8	521.8	529.6	527.8	528.2	525.9	500.1	508.2
Lithuania	250	245	33.2	40.7	13.6	0.6	12.0	1.3	0.5	533.5	538.9	534.1	553.4	536.8	574.3	572.4
Macao SAR	275	274	26.0	33.0	17.2	3.1	20.6	0.0	0.0	547.2	537.5	527.1	518.8	528.3	589.8	.
Montenegro	338	319	5.4	9.6	1.2	0.3	83.5	2.4	4.0	466.6	482.5	466.4	458.7	457.2	461.9	469.7
Morocco	303	267	3.7	0.3	1.0	0.5	94.5	2.2	5.9	423.3	452.2	443.8	327.9	389.9	401.2	366.6
Netherlands	188	111	37.2	30.4	11.8	7.9	12.8	5.6	32.9	521.3	523.6	505.9	491.3	518.4	509.0	517.3
New Zealand	396	193	29.5	37.6	19.6	6.1	7.2	4.3	45.2	514.2	526.4	530.9	529.1	527.9	523.0	508.5
North Macedonia	274	198	12.9	7.7	0.8	1.1	77.6	2.8	25.2	438.9	456.6	399.3	431.3	440.1	430.8	433.4
Norway (5)	314	207	70.0	25.0	2.8	0.4	1.9	4.7	26.6	534.8	534.0	518.2	513.9	511.4	527.7	522.7
Oman	287	265	11.9	7.3	5.6	3.0	72.2	4.4	2.6	452.2	428.8	434.0	404.2	431.4	419.2	442.7
Poland	267	260	19.0	23.8	14.4	1.3	41.4	2.2	0.7	545.8	553.5	552.5	544.7	547.4	569.0	572.0
Portugal	321	314	21.0	22.3	18.8	2.4	35.5	1.4	0.8	513.7	511.6	513.0	493.9	507.4	528.2	510.7
Qatar	283	276	28.2	14.1	10.1	1.8	45.8	1.3	2.3	495.2	459.2	448.6	484.1	463.2	463.3	543.2
Romania	188	121	27.1	17.6	10.2	2.0	43.1	2.8	34.2	528.0	556.9	532.5	543.2	525.4	523.9	514.4
Saudi Arabia	217	185	13.2	4.7	7.1	2.2	72.8	3.4	10.5	446.9	436.5	446.4	438.6	420.9	398.4	439.7
Serbia	213	212	19.5	19.1	5.5	1.8	54.0	0.4	0.0	516.7	502.8	527.4	521.9	507.6	526.3	.
Singapore	362	358	6.8	35.1	42.0	1.5	14.7	0.9	0.3	608.3	601.5	611.7	599.0	610.4	595.8	585.9
Slovak Republic	269	263	29.4	14.4	9.6	0.8	45.9	2.0	0.0	522.2	518.4	527.0	403.5	521.4	508.5	.
Slovenia	269	259	5.9	11.9	17.7	1.3	63.3	1.5	1.6	526.3	533.8	523.5	521.3	524.8	504.7	543.1
South Africa (5)	287	208	4.3	4.4	4.7	1.3	85.3	2.8	26.2	375.7	455.2	392.9	292.5	322.8	305.9	.
Spain	582	555	27.1	30.4	9.0	0.6	32.9	2.3	2.0	499.7	505.5	500.2	540.8	506.7	495.4	512.2
Sweden	250	190	55.7	33.5	8.2	2.6	0.0	7.4	14.5	535.7	538.4	533.1	445.4	.	522.5	529.4
Turkiye (5)	171	169	58.9	11.6	1.9	3.1	24.4	1.4	0.0	572.8	568.9	579.1	589.2	559.3	601.9	.
United Arab Emirates	1435	1194	57.7	10.0	3.6	0.9	27.8	2.2	11.2	528.0	485.8	490.4	385.2	442.4	471.7	481.2
United States	495	468	59.2	22.1	9.1	3.9	5.6	2.3	3.6	531.3	533.5	525.0	536.5	546.0	548.6	526.0
Uzbekistan	168	160	38.1	10.9	2.2	2.1	46.6	3.2	2.0	417.0	405.3	401.5	409.4	411.3	385.0	420.6
International Avg. (58)	17865	15437	23.8	21.6	11.2	2.6	40.8	3.4	9.3	502.6	501.0	496.7	485.9	489.8	495.9	491.3
Ontario, Canada	286	229	47.4	26.5	9.9	2.9	13.4	6.5	11.8	526.2	527.9	528.6	509.0	516.3	547.3	514.7
Quebec, Canada	215	187	4.8	22.2	28.1	3.0	42.0	2.2	8.0	507.5	515.5	504.1	505.1	504.2	517.1	512.1
Abu Dhabi, UAE	553	457	45.1	11.2	6.8	1.8	35.2	2.8	11.4	484.5	439.1	481.7	363.5	402.1	427.0	436.0
Dubai, UAE	359	307	80.7	9.9	0.7	0.1	8.6	1.5	9.4	573.8	570.5	569.6	548.8	486.8	524.3	534.8
Sharjah, UAE	284	219	60.4	8.4	0.4	0.6	30.2	2.9	14.9	521.5	471.1	637.2	490.3	482.5	500.7	486.6

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-07Da (ATBS07DA)

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
Albania	123	93	5.2	6.1	3.2	0.7	84.7	4.5	17.7	543.1	514.3	494.0	461.1	481.5	487.9	507.0
Armenia	211	172	2.1	5.5	5.0	3.1	84.2	13.0	1.9	500.2	445.6	484.8	473.1	454.4	458.7	461.0
Australia	347	235	11.2	29.4	22.9	21.1	15.4	3.6	27.0	563.6	557.5	549.9	546.9	540.8	541.4	545.2
Azerbaijan	271	216	19.1	10.7	2.5	1.6	66.1	6.4	12.8	423.8	412.5	435.1	424.6	422.1	421.4	420.6
Bahrain	212	209	20.6	19.4	8.3	6.3	45.4	1.5	0.0	495.2	470.8	472.0	493.7	465.4	480.3	.
Belgium (Flemish)	278	209	3.9	27.8	27.3	34.8	6.1	2.1	19.7	491.6	494.1	487.6	490.2	501.7	489.4	477.0
Belgium (French)	344	283	0.6	2.0	14.3	13.0	70.1	2.2	14.9	459.1	491.5	473.2	484.7	484.1	503.7	466.6
Bosnia & Herzegovina	236	171	5.0	2.4	5.3	4.5	82.8	6.9	20.2	447.0	406.3	414.6	467.2	452.8	458.4	438.8
Brazil	1047	899	10.5	9.4	9.4	3.3	67.4	11.6	1.6	453.4	449.6	462.8	423.4	414.3	411.7	437.3
Bulgaria	208	201	14.6	25.0	13.6	7.2	39.7	3.8	1.0	538.5	526.0	531.6	505.0	535.9	498.5	515.0
Canada	917	794	11.1	24.4	21.7	19.7	23.1	4.2	9.4	535.3	531.9	520.9	515.5	509.0	529.9	515.2
Chile	178	161	3.1	11.3	18.3	19.7	47.6	1.5	7.1	465.7	476.7	477.6	491.1	477.6	486.4	471.0
Chinese Taipei	238	234	9.7	29.0	20.3	12.2	28.8	0.7	0.0	573.3	574.5	572.9	571.5	571.5	538.2	.
Cyprus	267	260	2.2	3.1	10.1	11.9	72.7	1.1	1.5	507.4	496.2	481.6	508.9	483.7	461.0	476.8
Czech Republic	344	337	2.4	15.8	23.9	11.2	46.7	0.9	1.1	519.3	538.4	527.5	517.7	524.1	470.2	525.8
Denmark	278	177	12.6	41.7	30.9	11.7	3.1	15.5	19.5	521.3	530.2	517.6	511.8	510.3	521.1	521.9
England	178	123	4.1	17.8	22.6	28.7	26.9	3.5	23.3	523.5	557.8	567.7	563.5	551.5	545.9	550.7
Finland	369	349	13.2	33.9	34.9	14.6	3.4	1.3	2.7	552.4	545.6	537.0	539.4	554.2	547.0	509.7
France	306	240	0.2	2.2	5.8	21.9	70.0	3.2	18.1	486.3	487.2	497.9	495.5	484.4	511.9	486.0
Georgia	218	216	11.1	38.3	17.7	3.8	29.1	0.9	0.0	482.1	467.2	456.1	463.7	459.3	517.6	.
Germany	243	198	1.9	24.9	28.9	26.8	17.5	3.8	13.5	466.2	518.4	522.4	505.2	518.4	517.4	517.8
Hong Kong SAR	182	121	21.0	31.9	31.8	7.4	7.9	0.9	31.3	541.9	523.6	559.3	538.8	546.2	564.4	552.3
Hungary	263	215	7.3	28.7	24.0	16.4	23.5	0.5	15.7	526.0	535.8	523.0	498.6	525.5	452.9	530.6
Iran, Islamic Rep. of	224	224	17.3	20.2	8.7	7.4	46.4	0.0	0.0	456.0	437.9	453.3	446.2	414.4	.	.
Ireland	239	230	1.4	6.4	22.7	33.6	35.8	2.6	0.4	513.9	527.7	538.2	535.9	524.6	543.6	537.9
Italy	266	260	6.0	14.7	13.9	13.3	52.2	1.7	0.7	491.8	502.7	514.7	524.2	510.7	501.1	504.4
Japan	142	135	6.6	24.1	22.1	47.2	0.0	4.1	1.6	560.8	546.0	561.9	555.4	.	547.2	568.6
Jordan	224	219	9.9	4.9	7.7	2.2	75.3	1.7	0.3	451.8	400.0	407.5	441.3	415.5	396.9	336.1
Kazakhstan	303	241	48.9	20.0	4.7	1.1	25.3	17.4	1.3	457.6	476.3	501.3	464.3	478.1	455.3	484.2
Korea, Rep. of	199	171	23.4	43.3	20.5	7.5	5.4	5.5	7.9	587.5	581.6	586.6	585.5	586.4	574.6	575.3
Kosovo	231	198	4.8	7.6	2.1	2.9	82.7	4.8	9.5	359.5	413.9	441.0	461.5	404.0	402.0	386.5
Kuwait	164	155	16.2	15.9	11.8	4.9	51.2	4.5	1.4	400.1	372.9	354.0	362.7	370.6	358.1	418.7
Latvia	213	203	14.9	42.9	25.6	8.2	8.4	1.3	3.8	517.9	531.5	524.2	525.8	525.9	493.1	508.2
Lithuania	250	245	14.8	33.7	26.8	12.8	12.0	1.3	0.5	529.2	541.5	532.0	539.2	536.8	574.3	572.4
Macao SAR	275	274	16.7	34.4	22.2	6.1	20.6	0.0	0.0	539.7	534.5	545.9	521.1	528.3	589.8	.
Montenegro	338	320	0.8	4.3	7.7	3.8	83.5	2.4	4.0	487.0	468.7	477.7	477.1	457.2	461.5	469.7
Morocco	303	268	2.1	1.2	0.4	2.3	94.0	1.7	5.9	440.7	430.1	398.6	374.1	389.9	425.4	366.6
Netherlands	188	112	8.2	27.6	26.0	25.4	12.8	5.2	32.9	515.2	524.2	522.6	505.5	518.4	507.1	517.3
New Zealand	396	191	3.6	17.9	43.9	27.4	7.2	4.6	45.2	523.9	508.3	530.6	522.8	527.9	521.9	508.5
North Macedonia	274	195	6.1	12.5	0.9	1.8	78.7	3.8	25.2	452.2	443.0	410.2	443.1	440.1	429.9	433.4
Norway (5)	314	205	30.3	49.6	16.6	1.6	1.9	5.3	26.6	535.7	533.9	529.1	545.0	511.4	531.1	522.7
Oman	287	269	8.7	10.2	5.3	4.6	71.2	3.0	2.6	448.9	424.2	444.0	429.6	431.4	420.1	442.7
Poland	267	260	3.7	15.1	26.4	13.1	41.6	2.7	0.7	558.5	558.9	549.0	543.7	547.4	556.8	572.0
Portugal	321	314	9.8	16.7	23.0	15.0	35.5	1.4	0.8	513.6	516.9	508.3	511.4	507.4	528.2	510.7
Qatar	283	276	21.7	20.0	8.1	4.3	45.9	1.5	2.3	472.8	498.5	449.3	452.4	463.2	452.0	543.2
Romania	188	121	17.1	21.5	12.3	6.1	43.1	2.8	34.2	517.7	547.5	547.3	545.1	525.4	523.9	514.4
Saudi Arabia	217	185	17.3	5.4	2.6	1.5	73.3	4.0	10.5	445.2	444.5	471.2	432.0	420.9	390.6	439.7
Serbia	213	212	8.2	18.6	14.4	4.7	54.0	0.4	0.0	508.6	505.7	525.7	504.5	507.6	526.3	.
Singapore	362	356	2.7	18.9	39.3	24.4	14.7	1.3	0.3	589.3	613.3	609.8	599.9	610.4	594.8	585.9
Slovak Republic	269	268	9.0	24.7	15.7	5.6	45.1	0.3	0.0	539.6	519.2	529.5	463.0	521.4	550.9	.
Slovenia	269	260	1.3	5.3	15.9	14.4	63.1	1.2	1.6	539.5	532.4	527.2	523.7	524.8	505.4	543.1
South Africa (5)	287	209	3.3	4.1	3.6	3.9	85.1	2.6	26.2	268.7	441.0	398.0	446.2	292.7	331.1	305.9
Spain	582	556	11.6	27.5	14.9	13.1	32.9	2.3	2.0	497.7	500.1	501.7	514.1	506.7	496.3	512.2
Sweden	250	187	15.3	40.4	31.9	12.3	0.0	8.4	14.5	529.0	538.0	537.4	518.1	.	524.3	529.4
Turkiye (5)	171	168	34.9	30.6	5.6	4.2	24.6	2.1	0.0	580.7	567.3	556.0	583.3	559.3	572.2	.
United Arab Emirates	1435	1201	42.8	21.4	6.0	2.1	27.7	1.8	11.2	529.5	507.9	489.3	481.0	442.4	466.3	481.2
United States	495	465	20.6	29.3	22.1	22.4	5.6	2.7	3.6	531.5	528.1	532.2	534.6	546.0	549.5	526.0
Uzbekistan	168	158	28.7	20.1	2.0	1.9	47.4	4.7	2.0	417.5	412.6	401.4	407.6	411.3	383.8	420.6
International Avg. (58)	17865	15424	11.7	19.9	16.1	11.5	40.8	3.5	9.3	498.7	499.7	499.5	496.8	489.8	493.0	491.3
Ontario, Canada	286	227	18.0	30.8	20.2	17.5	13.5	6.9	11.8	533.9	532.0	521.1	520.0	516.3	535.4	514.7
Quebec, Canada	215	187	3.1	11.1	21.1	22.8	42.0	2.2	8.0	509.8	510.4	512.2	504.7	504.2	517.1	512.1
Abu Dhabi, UAE	553	461	28.8	25.7	7.4	3.1	35.0	2.3	11.4	475.6	483.0	434.5	475.5	402.1	398.0	436.0
Dubai, UAE	359	307	59.6	21.6	8.5	1.7	8.6	1.4	9.4	579.6	562.4	557.2	550.2	486.8	550.3	534.8
Sharjah, UAE	284	223	52.6	15.4	1.1	1.0	29.9	2.0	14.9	521.3	502.3	469.8	463.9	482.5	507.8	486.6

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-07Db (ATBS07DB)

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
Albania	123	93	4.9	1.9	7.8	0.7	84.7	4.5	17.7	558.0	537.0	492.6	461.1	481.5	487.9	507.0
Armenia	211	170	0.6	5.4	4.1	3.1	86.8	15.5	1.9	502.2	463.1	465.7	471.2	454.4	462.9	461.0
Australia	347	235	7.5	24.2	34.4	18.6	15.4	3.6	27.0	551.6	557.5	552.1	552.0	540.8	541.4	545.2
Azerbaijan	271	217	12.8	16.8	3.2	1.4	65.9	6.0	12.8	409.3	428.6	428.0	422.5	422.1	421.5	420.6
Bahrain	212	208	12.1	23.5	13.1	5.7	45.6	2.0	0.0	495.9	478.0	480.9	483.9	465.4	468.0	.
Belgium (Flemish)	278	208	1.3	7.7	20.2	64.6	6.2	2.7	19.7	506.2	492.9	483.6	492.8	501.7	480.2	477.0
Belgium (French)	344	283	0.3	1.9	6.3	21.4	70.1	2.2	14.9	463.6	507.0	469.0	479.9	484.1	503.7	466.6
Bosnia & Herzegovina	236	171	0.0	5.4	1.9	9.9	82.8	6.9	20.2	.	447.1	387.0	440.3	452.8	458.4	438.8
Brazil	1047	898	7.3	7.3	11.1	6.8	67.4	11.6	1.6	480.0	453.4	453.4	418.0	414.3	411.6	437.3
Bulgaria	208	202	6.9	15.3	23.0	15.6	39.2	2.7	1.0	532.3	542.3	523.4	513.0	535.9	513.3	515.0
Canada	917	791	4.2	18.5	22.3	31.9	23.1	4.5	9.4	532.9	536.2	520.3	521.1	509.0	528.5	515.2
Chile	178	161	3.8	10.2	19.3	19.1	47.6	1.5	7.1	466.4	480.1	477.0	490.6	477.6	486.4	471.0
Chinese Taipei	238	234	5.3	20.1	17.6	28.2	28.8	0.7	0.0	581.6	574.2	572.5	571.8	571.5	538.2	.
Cyprus	267	260	0.4	6.5	7.1	13.3	72.7	1.1	1.5	515.8	493.1	491.8	501.6	483.7	461.0	476.8
Czech Republic	344	337	0.7	2.0	18.6	31.9	46.7	0.9	1.1	533.3	507.8	537.2	524.3	524.1	470.2	525.8
Denmark	278	180	0.4	22.1	45.0	29.5	3.0	14.5	19.5	503.8	527.2	518.6	526.9	510.3	519.9	521.9
England	178	123	1.4	18.1	32.6	21.0	26.9	3.5	23.3	513.8	552.5	569.9	558.3	551.5	545.9	550.7
Finland	369	348	1.3	9.6	40.0	45.6	3.4	1.5	2.7	528.6	550.7	542.2	541.4	554.2	548.2	509.7
France	306	240	0.0	0.6	5.3	24.1	70.0	3.2	18.1	.	501.1	489.0	496.5	484.4	511.9	486.0
Georgia	218	213	7.6	29.3	24.8	8.8	29.5	2.2	0.0	476.0	474.8	455.3	456.5	459.3	513.0	.
Germany	243	198	1.1	7.8	15.4	58.1	17.5	3.8	13.5	488.4	514.5	525.9	511.7	518.4	517.4	517.8
Hong Kong SAR	182	121	7.3	20.3	35.1	29.4	7.9	0.9	31.3	516.1	519.2	556.4	544.8	546.2	564.4	552.3
Hungary	263	215	1.3	13.0	19.5	42.6	23.5	0.5	15.7	518.0	533.5	517.6	522.2	525.5	452.9	530.6
Iran, Islamic Rep. of	224	224	17.0	18.7	8.7	9.1	46.4	0.0	0.0	448.7	438.0	463.2	449.1	414.4	.	.
Ireland	239	231	0.0	4.3	23.0	37.2	35.6	2.1	0.4	.	546.0	529.4	538.2	524.6	541.1	537.9
Italy	266	262	5.3	13.6	15.8	13.6	51.7	0.9	0.7	518.8	497.5	502.5	529.8	510.7	506.5	504.4
Japan	142	135	7.4	22.2	25.7	44.7	0.0	4.1	1.6	545.9	556.5	559.9	552.8	.	547.2	568.6
Jordan	224	219	5.9	7.0	8.1	3.7	75.3	1.7	0.3	431.5	448.8	404.2	427.4	415.5	396.9	336.1
Kazakhstan	303	240	37.0	27.5	7.8	2.3	25.4	17.8	1.3	451.9	472.1	489.1	515.3	478.1	456.4	484.2
Korea, Rep. of	199	172	8.0	25.0	29.9	31.7	5.4	5.3	7.9	590.5	585.2	582.5	584.2	586.4	574.3	575.3
Kosovo	231	198	4.2	4.9	7.4	0.8	82.7	4.8	9.5	355.5	409.6	438.2	438.1	404.0	402.0	386.5
Kuwait	164	155	10.1	16.1	15.5	7.1	51.2	4.5	1.4	413.8	371.2	359.7	370.8	370.6	358.1	418.7
Latvia	213	202	1.3	21.5	37.9	30.9	8.5	1.9	3.8	495.4	530.8	522.9	529.1	525.9	515.8	508.2
Lithuania	250	244	5.7	30.2	33.6	18.5	12.0	1.6	0.5	527.4	541.4	531.3	539.9	536.8	560.1	572.4
Macao SAR	275	274	3.7	20.0	25.6	30.1	20.6	0.0	0.0	538.5	530.7	540.7	539.8	528.3	589.8	.
Montenegro	338	319	0.7	2.8	5.9	6.6	84.0	2.9	4.0	466.9	470.6	476.1	480.2	457.2	460.4	469.7
Morocco	303	268	2.1	1.3	1.5	1.1	94.0	1.7	5.9	440.7	428.9	413.5	326.9	389.9	425.4	366.6
Netherlands	188	112	1.4	13.3	23.2	49.4	12.8	5.2	32.9	456.2	533.9	513.6	516.5	518.4	507.1	517.3
New Zealand	396	192	4.2	12.0	52.5	24.2	7.2	4.4	45.2	511.9	506.1	528.3	524.9	527.9	521.5	508.5
North Macedonia	274	194	5.0	7.2	6.1	2.5	79.1	4.2	25.2	471.0	445.9	429.0	428.0	440.1	429.3	433.4
Norway (5)	314	207	3.0	35.9	44.0	15.3	1.9	5.0	26.6	525.9	540.3	530.1	532.1	511.4	528.7	522.7
Oman	287	269	10.1	6.9	4.0	7.8	71.2	3.0	2.6	434.7	417.8	447.2	449.0	431.4	420.1	442.7
Poland	267	260	0.8	8.1	20.8	28.7	41.6	2.7	0.7	554.4	554.4	555.2	546.9	547.4	556.8	572.0
Portugal	321	314	6.2	12.0	20.5	25.8	35.4	1.2	0.8	514.7	510.9	511.7	512.0	507.4	533.7	510.7
Qatar	283	275	15.3	16.4	16.5	5.9	46.0	1.8	2.3	475.4	479.6	484.2	458.3	463.2	446.0	543.2
Romania	188	121	9.4	21.5	19.1	6.9	43.1	2.8	34.2	527.7	532.5	551.3	534.4	525.4	523.9	514.4
Saudi Arabia	217	184	10.9	7.5	4.3	3.5	73.8	4.6	10.5	449.0	449.0	446.4	435.9	420.9	397.7	439.7
Serbia	213	212	1.9	8.0	22.3	13.8	54.0	0.4	0.0	552.1	512.0	506.9	516.0	507.6	526.3	.
Singapore	362	357	2.7	7.9	29.4	45.3	14.7	1.1	0.3	584.8	614.8	604.7	608.7	610.4	591.0	585.9
Slovak Republic	269	268	1.4	7.4	21.2	24.8	45.1	0.3	0.0	548.1	528.7	533.9	503.4	521.4	550.9	.
Slovenia	269	260	0.6	3.9	14.6	17.8	63.1	1.2	1.6	559.4	532.2	520.9	529.8	524.8	505.4	543.1
South Africa (5)	287	209	0.6	3.1	4.7	6.5	85.1	2.6	26.2	204.3	423.1	330.3	444.4	292.7	331.1	305.9
Spain	582	556	3.4	13.7	28.1	21.8	33.0	2.6	2.0	516.0	506.2	500.4	500.7	506.7	503.5	512.2
Sweden	250	187	0.7	14.3	55.0	30.0	0.0	8.4	14.5	525.8	532.6	538.0	527.6	.	524.3	529.4
Turkiye (5)	171	168	37.3	26.4	7.6	4.1	24.6	2.1	0.0	582.3	564.7	548.2	598.4	559.3	572.2	.
United Arab Emirates	1435	1199	24.5	28.1	12.6	7.0	27.8	2.0	11.2	531.7	520.7	506.8	481.7	442.4	474.6	481.2
United States	495	464	8.5	23.6	26.8	35.5	5.6	2.9	3.6	514.3	537.2	527.2	534.4	546.0	551.6	526.0
Uzbekistan	168	156	21.8	20.7	3.6	5.9	48.1	6.0	2.0	418.3	415.4	430.6	389.1	411.3	390.4	420.6
International Avg. (58)	17865	15413	6.3	13.8	19.2	19.8	40.9	3.6	9.3	497.4	502.7	497.7	498.2	489.8	493.5	491.3
Ontario, Canada	286	225	6.3	26.5	22.2	31.5	13.5	7.3	11.8	551.6	531.4	514.5	528.9	516.3	533.1	514.7
Quebec, Canada	215	186	2.6	4.7	17.2	33.3	42.2	2.7	8.0	494.4	514.1	519.6	503.2	504.2	520.0	512.1
Abu Dhabi, UAE	553	461	14.8	25.1	15.4	9.8	35.0	2.3	11.4	488.0	473.2	482.3	440.8	402.1	398.0	436.0
Dubai, UAE	359	305	33.9	36.0	15.8	5.7	8.6	1.8	9.4	578.4	579.0	547.1	571.0	486.8	560.6	534.8
Sharjah, UAE	284	223	34.2	25.5	5.1	5.3	29.9	2.0	14.9	515.6	513.7	515.8	522.7	482.5	507.8	486.6

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-07Dc (ATBS07DC)

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
Albania	123	93	4.2	6.3	4.0	0.7	84.7	4.5	17.7	552.3	523.7	480.8	461.1	481.5	487.9	507.0
Armenia	211	176	2.8	4.6	8.3	0.9	83.4	12.1	1.9	493.6	450.7	470.1	489.4	454.4	459.2	461.0
Australia	347	235	5.7	21.5	34.0	23.5	15.4	3.6	27.0	552.2	553.6	555.7	550.9	540.8	541.4	545.2
Azerbaijan	271	216	9.3	18.5	1.9	4.0	66.4	6.7	12.8	414.6	421.5	423.1	432.5	422.1	421.9	420.6
Bahrain	212	209	31.2	12.0	9.2	2.2	45.4	1.5	0.0	475.4	508.5	469.0	506.0	465.4	480.3	.
Belgium (Flemish)	278	208	3.5	24.0	40.3	26.1	6.2	2.6	19.7	494.8	491.9	488.3	493.9	501.7	479.4	477.0
Belgium (French)	344	283	0.8	3.4	15.5	10.1	70.1	2.2	14.9	474.2	500.5	471.0	484.7	484.1	503.7	466.6
Bosnia & Herzegovina	236	171	4.0	4.4	6.0	2.7	82.8	6.9	20.2	441.0	432.6	429.9	451.7	452.8	458.4	438.8
Brazil	1047	899	8.2	11.0	9.1	4.2	67.4	11.6	1.6	470.5	464.0	430.1	431.5	414.3	411.7	437.3
Bulgaria	208	202	11.9	21.9	20.7	6.2	39.2	2.7	1.0	535.4	501.7	545.7	533.0	535.9	513.3	515.0
Canada	917	794	7.0	24.9	27.4	17.7	23.1	4.2	9.4	528.6	526.9	521.6	526.4	509.0	529.9	515.2
Chile	178	161	10.2	16.9	13.6	11.7	47.6	1.5	7.1	482.5	471.9	490.4	485.4	477.6	486.4	471.0
Chinese Taipei	238	234	5.9	30.8	20.6	13.8	28.8	0.7	0.0	573.7	577.5	571.5	566.8	571.5	538.2	.
Cyprus	267	260	1.8	11.7	12.1	1.6	72.7	1.1	1.5	503.3	511.8	484.0	484.0	483.7	461.0	476.8
Czech Republic	344	337	2.0	16.8	26.3	8.2	46.7	0.9	1.1	532.9	530.0	528.5	523.2	524.1	470.2	525.8
Denmark	278	180	0.6	24.6	47.0	24.8	3.0	14.5	19.5	482.0	514.4	524.5	529.8	510.3	519.9	521.9
England	178	123	1.5	16.4	29.4	25.8	26.9	3.5	23.3	555.5	549.8	564.1	565.4	551.5	545.9	550.7
Finland	369	349	1.7	21.2	49.8	23.8	3.4	1.3	2.7	547.6	535.3	544.1	545.2	554.2	547.0	509.7
France	306	241	0.6	0.7	11.1	17.8	69.8	2.8	18.1	534.9	469.3	492.5	497.6	484.4	509.1	486.0
Georgia	218	214	5.2	21.4	28.6	15.5	29.4	2.0	0.0	472.3	479.3	463.3	452.4	459.3	496.7	.
Germany	243	198	2.6	16.2	27.1	36.6	17.5	3.8	13.5	483.9	507.7	522.4	513.4	518.4	517.4	517.8
Hong Kong SAR	182	120	6.9	32.3	35.9	16.9	8.0	1.3	31.3	534.4	530.2	547.3	552.8	546.2	559.3	552.3
Hungary	263	215	18.6	30.1	20.5	7.3	23.5	0.5	15.7	535.2	521.2	519.6	507.2	525.5	452.9	530.6
Iran, Islamic Rep. of	224	224	24.8	14.0	9.7	5.1	46.4	0.0	0.0	446.4	450.3	449.5	440.1	414.4	.	.
Ireland	239	230	1.1	10.5	34.9	17.6	35.8	2.7	0.4	549.0	522.8	535.3	540.6	524.6	554.5	537.9
Italy	266	262	10.1	16.2	15.9	6.1	51.7	0.9	0.7	504.4	501.7	517.4	526.0	510.7	506.5	504.4
Japan	142	135	3.6	15.9	20.1	60.4	0.0	4.1	1.6	551.7	546.2	553.9	557.8	.	547.2	568.6
Jordan	224	219	10.4	7.8	4.1	2.4	75.3	1.7	0.3	433.1	433.7	409.4	407.8	415.5	396.9	336.1
Kazakhstan	303	241	37.4	30.8	5.8	0.7	25.3	17.4	1.3	456.4	469.4	496.3	522.6	478.1	455.3	484.2
Korea, Rep. of	199	172	3.7	24.3	26.9	39.8	5.4	5.3	7.9	603.5	585.4	581.9	583.8	586.4	574.3	575.3
Kosovo	231	198	5.3	3.8	7.1	1.2	82.7	4.8	9.5	353.5	427.5	437.8	439.0	404.0	402.0	386.5
Kuwait	164	156	30.5	12.0	6.6	0.0	50.9	3.9	1.4	377.6	386.0	351.7	.	370.6	357.1	418.7
Latvia	213	204	3.9	31.2	43.0	13.6	8.4	1.0	3.8	529.6	529.2	524.9	525.3	525.9	494.4	508.2
Lithuania	250	245	15.0	34.8	29.3	8.9	12.0	1.3	0.5	526.0	541.0	533.1	544.8	536.8	574.3	572.4
Macao SAR	275	274	5.9	36.9	31.4	5.2	20.6	0.0	0.0	542.8	531.1	549.0	511.1	528.3	589.8	.
Montenegro	338	320	1.4	5.2	7.1	2.9	83.5	2.4	4.0	481.1	463.4	480.6	483.1	457.2	461.5	469.7
Morocco	303	267	2.0	2.4	0.5	0.6	94.5	2.2	5.9	419.4	438.8	422.0	335.0	389.9	401.2	366.6
Netherlands	188	112	3.6	8.6	18.8	56.3	12.8	5.2	32.9	500.1	525.2	525.1	514.8	518.4	507.1	517.3
New Zealand	396	192	3.8	15.6	45.2	28.2	7.2	4.4	45.2	509.6	504.0	525.0	534.7	527.9	521.5	508.5
North Macedonia	274	194	3.7	9.0	7.0	1.2	79.1	4.2	25.2	437.2	451.6	440.2	445.0	440.1	429.3	433.4
Norway (5)	314	206	2.0	34.7	39.9	21.5	1.9	5.0	26.6	532.4	542.4	530.3	527.4	511.4	528.7	522.7
Oman	287	268	14.4	7.2	4.2	3.0	71.3	3.2	2.6	428.1	459.3	413.0	450.2	431.4	423.0	442.7
Poland	267	258	3.7	17.9	24.5	12.0	41.9	3.3	0.7	551.6	546.9	550.2	557.5	547.4	558.9	572.0
Portugal	321	315	17.0	20.1	24.4	3.2	35.4	1.1	0.8	520.4	501.6	513.2	524.1	507.4	532.9	510.7
Qatar	283	275	29.6	14.3	8.5	1.5	46.1	1.9	2.3	468.5	482.7	481.4	546.7	463.2	475.8	543.2
Romania	188	121	25.2	19.4	8.0	4.4	43.1	2.8	34.2	539.7	531.8	554.2	529.4	525.4	523.9	514.4
Saudi Arabia	217	185	15.4	5.3	4.4	1.6	73.3	4.0	10.5	449.7	432.8	471.1	395.9	420.9	390.6	439.7
Serbia	213	212	7.5	12.1	15.7	10.7	54.0	0.4	0.0	526.3	515.2	505.5	509.5	507.6	526.3	.
Singapore	362	356	4.1	27.1	44.1	9.9	14.8	1.4	0.3	583.7	608.4	613.2	587.8	610.4	582.3	585.9
Slovak Republic	269	267	9.0	19.2	19.8	6.7	45.3	0.7	0.0	519.2	524.0	517.9	513.1	521.4	540.9	.
Slovenia	269	260	2.1	7.0	18.2	9.6	63.1	1.2	1.6	536.2	523.0	525.1	531.5	524.8	505.4	543.1
South Africa (5)	287	209	1.1	3.7	4.5	5.5	85.1	2.6	26.2	220.0	470.3	354.3	410.1	292.7	331.1	305.9
Spain	582	556	13.3	26.1	19.5	8.3	32.9	2.3	2.0	514.2	499.5	491.4	521.4	506.7	496.3	512.2
Sweden	250	188	7.3	48.9	30.5	13.3	0.0	8.1	14.5	518.1	539.1	538.4	514.5	.	522.7	529.4
Turkiye (5)	171	168	35.1	34.3	4.3	1.7	24.6	2.1	0.0	585.0	562.0	583.1	548.9	559.3	572.2	.
United Arab Emirates	1435	1201	37.6	22.8	9.2	2.7	27.7	1.8	11.2	520.3	517.5	505.9	542.2	442.4	466.3	481.2
United States	495	465	18.9	29.4	25.2	20.9	5.6	2.7	3.6	519.8	532.0	538.6	532.1	546.0	549.5	526.0
Uzbekistan	168	159	32.8	14.8	2.4	3.0	47.1	4.1	2.0	422.2	407.6	399.0	385.9	411.3	375.1	420.6
International Avg. (58)	17865	15432	10.1	17.8	19.3	11.9	40.8	3.5	9.3	497.4	501.3	499.2	502.2	489.8	492.3	491.3
Ontario, Canada	286	227	10.8	33.3	25.8	16.7	13.5	6.9	11.8	528.7	529.6	524.4	527.0	516.3	535.4	514.7
Quebec, Canada	215	187	2.1	10.3	28.4	17.2	42.0	2.2	8.0	532.8	509.1	512.3	499.9	504.2	517.1	512.1
Abu Dhabi, UAE	553	461	30.2	21.9	10.0	3.0	35.0	2.3	11.4	468.0	463.9	495.3	534.9	402.1	398.0	436.0
Dubai, UAE	359	307	46.6	30.6	10.3	3.8	8.6	1.4	9.4	573.9	577.1	556.7	569.6	486.8	550.3	534.8
Sharjah, UAE	284	223	45.8	19.8	3.1	1.4	29.9	2.0	14.9	519.4	519.0	431.3	520.7	482.5	507.8	486.6

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-07Dd (ATBS07DD)

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
Albania	123	93	6.4	2.1	6.0	0.7	84.7	4.5	17.7	542.9	542.3	488.4	461.1	481.5	487.9	507.0
Armenia	211	173	0.6	3.5	7.2	4.3	84.4	13.2	1.9	385.0	479.1	474.7	462.7	454.4	461.0	461.0
Australia	347	233	4.4	21.7	27.2	31.3	15.5	4.1	27.0	556.5	555.3	555.1	550.3	540.8	544.8	545.2
Azerbaijan	271	216	10.8	11.8	8.9	2.2	66.3	6.5	12.8	416.3	424.3	421.2	419.4	422.1	423.5	420.6
Bahrain	212	209	23.9	23.7	5.9	1.2	45.4	1.5	0.0	477.5	490.8	480.1	442.0	465.4	480.3	.
Belgium (Flemish)	278	208	1.9	13.7	32.6	45.6	6.2	2.9	19.7	506.5	493.2	492.0	488.9	501.7	482.8	477.0
Belgium (French)	344	283	0.9	5.0	14.9	9.1	70.1	2.2	14.9	485.4	486.4	478.1	476.3	484.1	503.7	466.6
Bosnia & Herzegovina	236	171	0.0	5.9	2.6	8.7	82.8	6.9	20.2	.	427.6	448.0	439.4	452.8	458.4	438.8
Brazil	1047	898	4.6	9.5	11.4	5.9	68.6	13.1	1.6	473.8	477.2	436.8	426.1	414.3	415.2	437.3
Bulgaria	208	201	8.6	16.9	19.6	15.6	39.3	3.0	1.0	552.8	518.5	522.8	525.2	535.9	515.5	515.0
Canada	917	790	9.4	23.1	26.6	17.8	23.1	4.3	9.4	542.4	529.4	517.1	521.8	509.0	530.7	515.2
Chile	178	160	4.8	13.4	18.2	15.6	48.0	2.2	7.1	466.5	486.4	488.5	473.1	477.6	496.5	471.0
Chinese Taipei	238	231	6.9	25.4	16.3	22.3	29.1	1.6	0.0	568.9	576.5	571.6	572.2	571.5	561.9	.
Cyprus	267	260	2.5	9.2	10.8	4.9	72.7	1.1	1.5	503.5	499.5	489.3	507.4	483.7	461.0	476.8
Czech Republic	344	337	0.5	7.3	18.7	26.8	46.7	0.9	1.1	535.5	536.0	529.6	525.1	524.1	470.2	525.8
Denmark	278	180	0.7	20.2	47.9	28.1	3.0	14.5	19.5	477.5	513.4	530.2	518.9	510.3	519.9	521.9
England	178	122	2.2	14.8	14.1	41.9	27.0	4.0	23.3	548.0	544.8	558.9	568.6	551.5	546.6	550.7
Finland	369	349	0.0	7.9	37.9	50.8	3.4	1.3	2.7	430.4	553.0	542.2	541.1	554.2	547.0	509.7
France	306	240	0.2	2.3	8.2	19.2	70.0	3.2	18.1	486.3	470.4	502.5	495.3	484.4	511.9	486.0
Georgia	218	213	4.5	20.1	28.7	16.8	29.8	3.3	0.0	482.5	476.8	463.4	453.5	459.3	491.3	.
Germany	243	198	1.0	7.2	24.1	50.2	17.5	3.8	13.5	506.8	500.5	517.4	514.9	518.4	517.4	517.8
Hong Kong SAR	182	119	7.8	32.0	35.9	16.2	8.1	2.7	31.3	541.6	532.5	546.7	542.2	546.2	567.1	552.3
Hungary	263	215	3.0	19.6	24.4	29.5	23.5	0.5	15.7	546.4	525.4	529.0	513.7	525.5	452.9	530.6
Iran, Islamic Rep. of	224	223	23.2	16.5	7.4	6.4	46.5	0.4	0.0	451.9	444.2	452.7	437.3	414.4	379.5	.
Ireland	239	230	0.2	5.5	21.3	37.3	35.7	2.5	0.4	594.8	534.8	535.7	534.9	524.6	545.7	537.9
Italy	266	261	5.1	16.7	12.9	13.3	51.9	1.2	0.7	498.5	501.0	514.8	522.9	510.7	506.7	504.4
Japan	142	134	4.3	11.9	21.5	62.3	0.0	4.8	1.6	557.4	554.7	553.3	555.5	.	546.4	568.6
Jordan	224	217	10.8	7.3	4.0	1.9	76.0	2.5	0.3	442.9	414.9	420.3	416.9	415.5	390.9	336.1
Kazakhstan	303	238	24.4	35.2	10.4	4.2	25.7	18.9	1.3	456.3	464.5	483.9	475.6	478.1	457.1	484.2
Korea, Rep. of	199	172	10.1	27.2	29.9	27.4	5.4	5.3	7.9	596.4	584.7	581.3	583.1	586.4	574.3	575.3
Kosovo	231	198	4.6	6.9	5.0	0.8	82.7	4.8	9.5	345.5	447.1	414.0	434.7	404.0	402.6	386.5
Kuwait	164	155	26.2	14.6	6.6	1.4	51.2	4.5	1.4	376.1	368.5	379.1	449.5	370.6	358.1	418.7
Latvia	213	202	5.9	26.8	37.9	20.9	8.5	2.3	3.8	528.8	523.8	526.8	531.0	525.9	499.2	508.2
Lithuania	250	245	9.1	27.5	34.0	17.3	12.0	1.3	0.5	526.9	538.0	538.3	534.2	536.8	574.3	572.4
Macao SAR	275	274	8.1	33.7	29.2	8.4	20.6	0.0	0.0	540.0	532.3	544.9	532.5	528.3	589.8	.
Montenegro	338	320	0.7	1.8	4.1	9.9	83.5	2.4	4.0	465.1	456.7	463.7	484.9	457.2	461.5	469.7
Morocco	303	267	2.5	1.8	0.3	0.8	94.5	2.2	5.9	425.4	437.9	395.1	371.0	389.9	401.2	366.6
Netherlands	188	111	2.2	8.7	14.3	62.0	12.8	5.6	32.9	491.0	531.0	512.8	517.6	518.4	507.4	517.3
New Zealand	396	192	2.4	10.2	36.0	44.2	7.2	4.4	45.2	497.9	499.6	523.3	531.2	527.9	521.5	508.5
North Macedonia	274	194	2.6	10.4	5.9	2.0	79.1	4.2	25.2	436.0	457.7	432.1	426.4	440.1	429.3	433.4
Norway (5)	314	206	0.9	26.9	48.2	22.1	1.9	5.0	26.6	552.8	541.4	530.4	532.2	511.4	528.7	522.7
Oman	287	268	13.3	6.9	4.7	3.7	71.4	3.3	2.6	442.0	444.2	412.4	425.3	431.4	427.4	442.7
Poland	267	260	3.0	8.4	31.2	15.8	41.6	2.7	0.7	565.3	548.0	548.0	555.6	547.4	556.8	572.0
Portugal	321	314	8.1	21.0	26.3	9.1	35.5	1.4	0.8	515.3	512.9	508.4	518.2	507.4	523.4	510.7
Qatar	283	276	21.5	15.1	10.4	7.1	45.9	1.5	2.3	474.2	473.9	478.7	490.7	463.2	452.0	543.2
Romania	188	119	21.2	19.8	10.9	4.2	43.8	3.9	34.2	533.5	539.4	549.7	523.0	525.4	530.7	514.4
Saudi Arabia	217	183	15.0	6.1	3.6	1.3	74.0	4.8	10.5	444.6	444.8	456.8	430.1	420.9	405.3	439.7
Serbia	213	212	5.0	8.4	15.4	17.3	54.0	0.4	0.0	535.4	516.2	499.0	515.8	507.6	526.3	.
Singapore	362	357	4.7	25.3	39.0	16.3	14.7	1.1	0.3	595.0	608.3	612.9	594.9	610.4	591.0	585.9
Slovak Republic	269	268	2.8	14.6	18.0	19.5	45.1	0.3	0.0	543.2	527.6	527.2	503.6	521.4	550.9	.
Slovenia	269	259	1.3	5.2	13.0	17.0	63.5	1.9	1.6	533.9	524.6	527.8	527.4	524.8	505.5	543.1
South Africa (5)	287	209	2.6	5.6	3.3	3.5	85.1	2.6	26.2	339.0	388.3	408.4	429.4	292.7	331.1	305.9
Spain	582	557	5.0	16.6	25.3	20.3	32.9	2.3	2.0	513.9	505.4	498.3	503.5	506.7	495.4	512.2
Sweden	250	186	4.0	19.0	38.6	38.5	0.0	8.7	14.5	530.3	531.4	539.1	530.9	.	523.1	529.4
Turkiye (5)	171	168	44.2	23.7	5.0	2.5	24.6	2.1	0.0	577.3	568.9	564.7	571.3	559.3	572.2	.
United Arab Emirates	1435	1197	34.9	23.0	10.7	3.7	27.8	2.0	11.2	518.7	523.4	524.0	468.9	442.4	469.1	481.2
United States	495	465	19.6	28.3	25.3	21.2	5.6	2.7	3.6	519.9	536.2	540.5	524.6	546.0	549.5	526.0
Uzbekistan	168	158	16.3	23.1	6.7	6.6	47.4	4.7	2.0	408.1	422.7	417.1	400.2	411.3	383.8	420.6
International Avg. (58)	17865	15394	8.1	15.1	18.3	17.5	40.9	3.8	9.3	498.4	501.5	500.0	497.0	489.8	491.6	491.3
Ontario, Canada	286	226	12.0	29.9	27.5	17.1	13.5	7.0	11.8	541.8	531.2	516.7	527.5	516.3	536.1	514.7
Quebec, Canada	215	186	3.9	9.9	26.3	17.9	42.1	2.4	8.0	486.8	520.6	511.4	502.8	504.2	519.2	512.1
Abu Dhabi, UAE	553	459	25.9	23.0	11.6	4.5	35.0	2.4	11.4	456.8	494.8	488.0	426.4	402.1	406.1	436.0
Dubai, UAE	359	305	42.5	29.7	15.4	3.9	8.6	1.7	9.4	572.7	576.3	573.4	555.5	486.8	535.9	534.8
Sharjah, UAE	284	223	46.8	17.2	3.9	2.2	29.9	2.0	14.9	522.0	508.8	502.4	450.3	482.5	507.8	486.6

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-07De (ATBS07DE)

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
Albania	123	93	8.9	4.1	1.6	0.7	84.7	4.5	17.7	539.9	484.7	501.7	461.1	481.5	487.9	507.0
Armenia	211	176	6.1	6.0	4.4	0.0	83.4	12.1	1.9	463.1	469.7	478.8	.	454.4	459.2	461.0
Australia	347	234	16.3	37.2	18.0	13.1	15.4	3.7	27.0	554.3	556.8	544.7	555.5	540.8	542.0	545.2
Azerbaijan	271	214	21.9	7.1	2.9	0.9	67.1	7.5	12.8	425.3	406.5	432.4	406.3	422.1	420.5	420.6
Bahrain	212	208	44.1	9.2	1.1	0.1	45.5	1.9	0.0	485.3	477.6	423.2	389.8	465.4	485.8	.
Belgium (Flemish)	278	210	14.9	35.5	28.5	15.0	6.1	1.9	19.7	485.9	489.5	492.9	493.6	501.7	490.9	477.0
Belgium (French)	344	283	1.2	6.3	13.0	9.5	70.1	2.2	14.9	414.5	481.0	475.4	490.9	484.1	503.7	466.6
Bosnia & Herzegovina	236	171	9.3	4.9	1.6	1.3	82.8	6.9	20.2	418.8	459.0	429.7	488.2	452.8	458.4	438.8
Brazil	1047	899	19.5	7.2	4.5	1.4	67.4	11.6	1.6	461.6	432.2	449.4	426.6	414.3	411.7	437.3
Bulgaria	208	202	43.3	13.7	3.8	0.0	39.2	2.7	1.0	524.1	521.2	573.3	.	535.9	513.3	515.0
Canada	917	793	22.9	30.9	16.8	6.3	23.1	4.3	9.4	532.3	521.6	519.3	532.0	509.0	528.5	515.2
Chile	178	161	28.5	11.7	7.6	4.5	47.6	1.5	7.1	482.1	481.4	473.2	495.3	477.6	486.4	471.0
Chinese Taipei	238	233	33.7	15.7	12.0	9.6	28.9	1.1	0.0	574.9	572.4	575.3	566.6	571.5	559.3	.
Cyprus	267	260	9.0	6.8	8.8	2.7	72.7	1.1	1.5	512.1	488.7	486.4	504.3	483.7	461.0	476.8
Czech Republic	344	337	12.4	28.4	12.1	0.3	46.7	0.9	1.1	524.8	528.8	530.5	531.9	524.1	470.2	525.8
Denmark	278	180	25.8	54.1	11.1	5.9	3.0	14.5	19.5	526.1	520.5	518.3	541.4	510.3	519.9	521.9
England	178	123	10.2	21.0	29.4	12.5	26.9	3.5	23.3	530.6	557.9	570.6	569.4	551.5	545.9	550.7
Finland	369	348	37.4	26.8	19.4	12.9	3.5	1.6	2.7	542.1	547.5	536.1	544.8	554.2	531.2	509.7
France	306	240	1.7	7.4	12.1	8.7	70.0	3.2	18.1	499.8	483.4	500.2	497.7	484.4	511.9	486.0
Georgia	218	215	24.4	27.1	17.5	1.7	29.3	1.6	0.0	477.0	467.8	445.9	483.7	459.3	522.6	.
Germany	243	198	12.4	42.5	21.9	5.7	17.5	3.8	13.5	504.8	510.6	525.2	520.8	518.4	517.4	517.8
Hong Kong SAR	182	120	34.7	37.1	18.0	2.3	7.9	1.2	31.3	541.9	535.9	551.0	548.1	546.2	553.8	552.3
Hungary	263	214	30.3	25.1	13.5	7.6	23.5	0.6	15.7	535.7	517.1	513.3	509.9	525.5	445.7	530.6
Iran, Islamic Rep. of	224	224	35.2	11.2	4.5	2.7	46.4	0.0	0.0	453.3	428.0	449.9	447.2	414.4	.	.
Ireland	239	231	5.3	17.9	30.6	10.6	35.6	2.1	0.4	539.5	530.8	535.6	541.7	524.6	541.1	537.9
Italy	266	262	26.3	15.8	4.5	1.6	51.7	0.9	0.7	508.2	508.3	530.5	513.4	510.7	506.5	504.4
Japan	142	135	29.7	45.5	13.4	11.4	0.0	4.1	1.6	554.4	551.8	560.9	562.0	.	547.2	568.6
Jordan	224	219	15.5	4.0	5.1	0.0	75.3	1.7	0.3	439.4	414.8	398.9	335.4	415.5	396.9	336.1
Kazakhstan	303	240	57.8	13.9	2.8	0.2	25.4	17.7	1.3	467.7	454.6	463.9	421.9	478.1	457.1	484.2
Korea, Rep. of	199	171	29.6	25.4	19.6	20.0	5.4	5.5	7.9	589.3	573.1	589.5	586.3	586.4	575.6	575.3
Kosovo	231	196	8.1	6.6	1.9	0.0	83.4	5.6	9.5	385.7	442.5	418.9	.	404.0	398.2	386.5
Kuwait	164	155	42.1	4.1	2.6	0.0	51.2	4.5	1.4	374.0	388.4	395.6	.	370.6	358.1	418.7
Latvia	213	204	53.8	29.0	6.7	2.2	8.4	1.0	3.8	526.7	529.9	515.1	518.0	525.9	494.4	508.2
Lithuania	250	243	48.8	27.0	9.9	2.2	12.1	2.2	0.5	538.1	529.4	545.5	548.9	536.8	544.7	572.4
Macao SAR	275	274	37.9	25.5	11.7	4.3	20.6	0.0	0.0	540.5	533.8	534.1	545.8	528.3	589.8	.
Montenegro	338	320	4.5	6.9	4.0	1.1	83.5	2.4	4.0	466.9	472.3	494.9	462.1	457.2	461.5	469.7
Morocco	303	267	4.9	0.0	0.0	0.6	94.5	2.2	5.9	429.8	394.1	.	334.6	389.9	401.2	366.6
Netherlands	188	112	21.5	29.1	20.4	16.3	12.8	5.2	32.9	520.5	517.9	521.5	507.6	518.4	507.1	517.3
New Zealand	396	191	7.5	25.1	45.2	15.0	7.2	4.6	45.2	513.3	518.0	525.7	535.2	527.9	517.5	508.5
North Macedonia	274	194	11.8	2.6	5.2	1.3	79.1	4.2	25.2	453.2	437.9	428.0	449.1	440.1	429.3	433.4
Norway (5)	314	206	37.7	49.7	8.0	2.7	1.9	5.0	26.6	535.9	534.8	522.8	525.4	511.4	528.7	522.7
Oman	287	270	24.3	2.7	1.0	0.9	71.0	2.8	2.6	435.7	436.5	428.7	450.9	431.4	421.2	442.7
Poland	267	260	25.4	16.1	10.8	6.1	41.6	2.7	0.7	552.5	547.8	553.6	548.3	547.4	556.8	572.0
Portugal	321	315	29.9	17.8	15.2	1.7	35.4	1.1	0.8	510.6	511.2	516.1	508.1	507.4	532.9	510.7
Qatar	283	274	39.5	6.7	6.4	1.2	46.2	2.1	2.3	471.4	500.2	485.8	451.5	463.2	481.0	543.2
Romania	188	121	39.7	11.1	5.2	1.0	43.1	2.8	34.2	543.9	523.6	526.5	536.3	525.4	523.9	514.4
Saudi Arabia	217	184	23.0	1.0	1.0	1.3	73.8	4.5	10.5	449.3	427.8	466.7	429.8	420.9	390.2	439.7
Serbia	213	212	27.1	14.1	2.8	1.9	54.0	0.4	0.0	515.3	505.8	520.0	508.9	507.6	526.3	.
Singapore	362	357	18.3	37.1	27.1	2.7	14.7	1.1	0.3	602.1	607.6	609.5	609.5	610.4	591.0	585.9
Slovak Republic	269	268	21.5	22.3	8.5	2.7	45.1	0.3	0.0	531.0	517.6	499.5	511.7	521.4	550.9	.
Slovenia	269	260	18.5	9.4	8.5	0.5	63.1	1.2	1.6	527.2	531.0	521.5	541.2	524.8	505.4	543.1
South Africa (5)	287	209	8.3	3.2	2.5	0.9	85.1	2.6	26.2	412.2	410.2	351.2	290.2	292.7	331.1	305.9
Spain	582	556	30.2	20.6	11.6	4.7	32.9	2.3	2.0	503.6	498.7	499.9	522.5	506.7	496.3	512.2
Sweden	250	186	43.5	35.2	14.2	7.1	0.0	8.7	14.5	534.5	539.3	539.7	495.0	.	523.6	529.4
Turkiye (5)	171	168	57.7	16.6	1.1	0.0	24.6	2.1	0.0	575.4	570.3	529.3	.	559.3	572.2	.
United Arab Emirates	1435	1197	53.7	14.2	3.8	0.5	27.8	2.0	11.2	518.9	516.6	514.8	546.9	442.4	469.9	481.2
United States	495	465	41.5	28.3	15.3	9.4	5.6	2.7	3.6	530.6	527.1	544.6	526.2	546.0	549.5	526.0
Uzbekistan	168	158	43.1	6.3	3.2	0.0	47.4	4.7	2.0	419.9	395.6	382.3	.	411.3	383.8	420.6
International Avg. (58)	17865	15416	25.7	18.4	10.6	4.4	40.8	3.6	9.3	500.5	497.2	499.4	497.5	489.8	492.8	491.3
Ontario, Canada	286	227	33.7	34.3	14.1	4.5	13.5	6.9	11.8	531.4	523.6	526.3	530.6	516.3	535.4	514.7
Quebec, Canada	215	186	8.6	23.1	20.7	5.5	42.2	2.6	8.0	529.6	506.1	504.5	505.9	504.2	511.2	512.1
Abu Dhabi, UAE	553	458	43.2	18.2	3.0	0.5	35.2	2.8	11.4	471.0	475.2	485.6	559.6	402.1	416.9	436.0
Dubai, UAE	359	307	64.5	20.4	5.7	0.8	8.6	1.4	9.4	574.5	570.7	561.2	578.6	486.8	550.3	534.8
Sharjah, UAE	284	223	63.6	4.1	2.4	0.0	29.9	2.0	14.9	516.8	495.3	513.3	.	482.5	507.8	486.6

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-07Df (ATBS07DF)

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
Albania	123	93	3.8	3.1	3.6	4.8	84.7	4.5	17.7	539.8	531.1	513.3	493.8	481.5	487.9	507.0
Armenia	211	173	4.0	6.4	5.1	0.6	83.9	12.7	1.9	461.3	467.7	480.6	467.1	454.4	459.1	461.0
Australia	347	235	3.3	10.3	33.5	37.5	15.4	3.6	27.0	536.0	558.4	549.3	557.6	540.8	541.4	545.2
Azerbaijan	271	217	15.2	13.0	2.1	3.5	66.2	6.4	12.8	407.7	435.2	434.6	419.3	422.1	421.3	420.6
Bahrain	212	208	21.1	22.8	7.4	3.1	45.6	2.0	0.0	483.6	482.2	474.5	509.7	465.4	468.3	.
Belgium (Flemish)	278	209	2.0	20.4	25.4	46.1	6.1	2.2	19.7	498.2	486.6	489.1	493.2	501.7	485.0	477.0
Belgium (French)	344	283	0.4	3.8	9.7	16.1	70.1	2.2	14.9	507.9	472.1	469.7	485.8	484.1	503.7	466.6
Bosnia & Herzegovina	236	170	1.7	5.1	2.6	6.8	83.8	7.7	20.2	442.1	448.1	446.6	435.7	452.8	447.9	438.8
Brazil	1047	897	6.2	8.7	12.8	4.9	67.5	11.7	1.6	472.8	442.8	451.7	443.2	414.3	411.6	437.3
Bulgaria	208	202	13.9	27.6	13.0	6.3	39.2	2.7	1.0	540.9	521.1	530.1	511.3	535.9	513.3	515.0
Canada	917	793	2.5	17.0	21.3	36.1	23.1	4.4	9.4	514.6	523.4	523.4	527.6	509.0	529.3	515.2
Chile	178	161	7.2	15.9	15.4	13.9	47.6	1.5	7.1	481.5	487.1	472.8	485.8	477.6	486.4	471.0
Chinese Taipei	238	230	5.3	20.5	20.2	24.7	29.3	2.4	0.0	571.5	573.5	575.5	571.7	571.5	566.2	.
Cyprus	267	260	1.0	3.5	11.2	11.6	72.7	1.1	1.5	491.6	539.2	492.9	489.3	483.7	461.0	476.8
Czech Republic	344	337	1.4	10.1	22.3	19.4	46.7	0.9	1.1	517.1	529.6	529.2	527.3	524.1	470.2	525.8
Denmark	278	178	0.6	5.9	24.5	66.0	3.1	15.1	19.5	497.1	516.0	523.6	523.4	510.3	521.0	521.9
England	178	123	0.3	10.5	18.3	44.0	26.9	3.5	23.3	560.3	547.4	558.3	565.7	551.5	545.9	550.7
Finland	369	348	0.0	11.1	34.6	50.8	3.5	1.6	2.7	496.7	534.3	548.7	540.2	554.2	542.7	509.7
France	306	240	0.0	1.5	3.9	24.5	70.0	3.2	18.1	.	474.8	478.8	499.2	484.4	511.9	486.0
Georgia	218	216	9.8	29.2	21.5	10.2	29.2	1.3	0.0	474.0	469.4	458.1	469.4	459.3	499.8	.
Germany	243	198	0.0	5.6	15.6	61.3	17.5	3.8	13.5	.	525.4	517.3	512.5	518.4	517.4	517.8
Hong Kong SAR	182	121	9.8	25.4	38.5	18.4	7.9	0.9	31.3	539.7	527.2	544.5	555.0	546.2	564.4	552.3
Hungary	263	215	1.4	6.9	18.0	50.3	23.5	0.5	15.7	548.1	550.0	526.2	517.2	525.5	452.9	530.6
Iran, Islamic Rep. of	224	224	22.2	18.0	4.5	8.9	46.4	0.0	0.0	437.3	453.0	425.9	472.2	414.4	.	.
Ireland	239	231	0.0	2.8	11.9	49.8	35.6	2.1	0.4	.	515.1	540.7	535.5	524.6	541.1	537.9
Italy	266	262	2.9	20.4	8.9	16.1	51.7	0.9	0.7	498.9	500.1	504.7	529.1	510.7	506.5	504.4
Japan	142	135	4.3	15.0	6.8	73.9	0.0	4.1	1.6	550.9	554.0	560.8	554.8	.	547.2	568.6
Jordan	224	219	10.3	7.0	6.2	1.2	75.3	1.7	0.3	432.3	427.6	426.2	378.3	415.5	396.9	336.1
Kazakhstan	303	239	45.2	26.0	2.8	0.5	25.5	18.1	1.3	469.5	456.3	460.2	497.0	478.1	458.2	484.2
Korea, Rep. of	199	171	2.3	14.1	22.0	56.2	5.4	6.0	7.9	603.0	573.1	588.9	584.6	586.4	577.0	575.3
Kosovo	231	199	3.5	7.0	3.0	4.2	82.4	4.4	9.5	332.3	431.7	413.1	439.8	404.0	398.9	386.5
Kuwait	164	153	12.4	13.8	9.4	12.5	51.9	5.9	1.4	386.0	374.4	400.1	349.7	370.6	364.8	418.7
Latvia	213	204	5.1	38.9	34.7	13.0	8.4	1.0	3.8	538.6	527.0	523.4	529.4	525.9	494.4	508.2
Lithuania	250	245	7.9	51.7	21.1	7.3	12.0	1.3	0.5	544.5	540.1	526.8	526.7	536.8	574.3	572.4
Macao SAR	275	274	5.9	33.5	20.1	19.8	20.6	0.0	0.0	552.3	532.3	535.1	545.2	528.3	589.8	.
Montenegro	338	319	0.7	4.9	4.3	6.6	83.5	2.4	4.0	487.2	467.6	481.6	475.6	457.2	464.6	469.7
Morocco	303	267	2.9	1.6	0.1	1.0	94.5	2.2	5.9	446.8	422.6	373.9	340.1	389.9	401.2	366.6
Netherlands	188	111	3.4	18.2	10.1	55.4	12.8	5.6	32.9	507.9	524.7	513.9	516.3	518.4	507.4	517.3
New Zealand	396	192	0.7	7.3	19.6	65.1	7.2	4.4	45.2	528.6	488.5	535.5	524.2	527.9	521.5	508.5
North Macedonia	274	195	2.2	9.0	6.1	3.9	78.8	3.8	25.2	422.8	439.0	469.7	426.3	440.1	431.5	433.4
Norway (5)	314	206	0.3	7.6	35.7	54.4	1.9	5.0	26.6	533.6	531.7	541.4	529.5	511.4	528.7	522.7
Oman	287	270	8.4	11.1	4.7	4.8	71.0	2.8	2.6	455.7	422.4	410.5	457.9	431.4	421.2	442.7
Poland	267	260	0.4	6.5	14.3	37.2	41.6	2.7	0.7	573.3	554.6	551.9	549.7	547.4	556.8	572.0
Portugal	321	314	5.4	18.5	21.6	19.0	35.5	1.4	0.8	521.6	516.8	509.4	507.3	507.4	530.9	510.7
Qatar	283	274	25.9	12.1	10.8	5.0	46.1	2.0	2.3	471.1	463.6	480.5	533.8	463.2	458.1	543.2
Romania	188	121	7.5	28.3	16.0	5.1	43.1	2.8	34.2	533.5	537.6	543.3	533.0	525.4	523.9	514.4
Saudi Arabia	217	185	18.1	6.0	1.6	0.9	73.3	4.0	10.5	439.8	468.7	429.4	473.2	420.9	390.6	439.7
Serbia	213	212	3.5	15.9	12.0	14.5	54.0	0.4	0.0	519.4	498.5	520.1	519.4	507.6	526.3	.
Singapore	362	356	1.7	21.5	40.6	21.4	14.8	1.4	0.3	583.3	607.6	607.9	607.0	610.4	594.7	585.9
Slovak Republic	269	268	4.0	19.3	18.8	12.7	45.1	0.3	0.0	524.5	520.4	528.2	504.7	521.4	550.9	.
Slovenia	269	260	3.1	7.2	10.5	16.1	63.1	1.2	1.6	530.5	523.3	521.5	531.6	524.8	505.4	543.1
South Africa (5)	287	209	2.9	5.2	1.9	5.0	85.1	2.6	26.2	301.1	421.2	325.7	445.4	292.7	331.1	305.9
Spain	582	557	2.1	23.8	20.0	21.3	32.9	2.3	2.0	505.1	503.0	502.0	503.0	506.7	495.4	512.2
Sweden	250	188	0.0	21.6	45.9	32.5	0.0	8.1	14.5	.	524.0	538.8	534.2	.	522.7	529.4
Turkiye (5)	171	168	43.3	29.4	2.6	0.0	24.6	2.1	0.0	573.3	577.3	536.1	.	559.3	572.2	.
United Arab Emirates	1435	1197	35.5	25.0	8.3	3.4	27.8	2.1	11.2	521.8	509.1	537.6	506.0	442.4	471.0	481.2
United States	495	465	14.8	35.8	16.2	27.6	5.6	2.7	3.6	518.3	533.3	528.6	537.5	546.0	549.5	526.0
Uzbekistan	168	158	28.5	20.2	2.9	1.0	47.4	4.7	2.0	417.5	415.4	385.2	403.2	411.3	383.8	420.6
International Avg. (58)	17865	15415	7.7	15.3	14.8	21.3	40.8	3.6	9.3	497.1	500.0	497.7	500.0	489.8	492.9	491.3
Ontario, Canada	286	227	5.3	24.3	21.7	35.2	13.5	6.9	11.8	513.9	528.5	522.5	531.8	516.3	535.4	514.7
Quebec, Canada	215	186	0.4	10.6	18.2	28.4	42.3	2.9	8.0	532.8	509.8	511.4	506.1	504.2	517.4	512.1
Abu Dhabi, UAE	553	461	31.6	23.1	5.6	4.7	35.0	2.3	11.4	474.7	459.1	526.7	477.7	402.1	398.0	436.0
Dubai, UAE	359	305	40.3	32.0	15.7	3.4	8.6	1.7	9.4	583.4	560.7	571.9	576.9	486.8	537.7	534.8
Sharjah, UAE	284	222	43.4	21.6	3.1	1.7	30.1	2.6	14.9	520.5	515.6	448.1	512.0	482.5	507.5	486.6

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-08a (ATBS08A)

Country	Sample	Valid N	1.Not at all %	2.Some what %	3.A lot %	Omitted %	Not Administered %	1.Not at all Mean	2.Some what Mean	3.A lot Mean	Omitted Mean	Not Administered Mean
Albania	123	91	17.3	57.5	25.2	6.6	17.7	515.4	488.0	471.7	469.3	507.0
Armenia	211	170	25.1	55.3	19.6	15.3	1.9	453.1	462.4	453.5	451.3	461.0
Australia	347	232	53.2	41.1	5.7	4.6	27.0	552.8	552.2	547.3	534.4	545.2
Azerbaijan	271	208	42.4	43.0	14.7	9.2	12.8	423.8	422.1	418.6	416.9	420.6
Bahrain	212	210	77.7	18.0	4.3	1.3	0.0	477.4	474.7	430.1	482.7	.
Belgium (Flemish)	278	211	56.1	37.4	6.5	1.7	19.7	488.8	492.8	500.8	499.9	477.0
Belgium (French)	344	282	34.7	41.2	24.1	2.4	14.9	478.8	488.9	477.7	499.5	466.6
Bosnia & Herzegovina	236	166	62.2	36.8	1.0	8.6	20.2	449.6	451.1	451.2	456.1	438.8
Brazil	1047	889	52.6	36.9	10.6	12.6	1.6	440.7	413.1	402.9	413.0	437.3
Bulgaria	208	191	79.3	20.3	0.4	8.4	1.0	536.9	523.7	588.6	479.6	515.0
Canada	917	791	55.4	37.4	7.2	4.3	9.4	524.1	519.1	512.4	528.7	515.2
Chile	178	161	54.5	39.8	5.8	1.5	7.1	476.7	484.6	476.2	486.4	471.0
Chinese Taipei	238	215	52.3	44.6	3.1	8.7	0.0	575.1	570.1	567.3	572.2	.
Cyprus	267	256	54.7	35.4	10.0	2.6	1.5	490.6	484.1	475.3	500.7	476.8
Czech Republic	344	334	68.6	29.2	2.2	1.6	1.1	528.2	522.5	521.5	494.8	525.8
Denmark	278	177	60.2	36.5	3.3	15.9	19.5	526.3	518.6	499.0	520.5	521.9
England	178	123	46.5	42.3	11.3	3.7	23.3	552.1	557.0	586.5	557.4	550.7
Finland	369	345	53.7	40.0	6.3	2.0	2.7	544.8	542.6	533.6	530.0	509.7
France	306	241	42.0	35.6	22.4	2.8	18.1	486.0	489.8	488.4	509.1	486.0
Georgia	218	214	45.6	50.5	3.8	2.6	0.0	473.0	457.7	466.6	462.9	.
Germany	243	199	43.4	46.8	9.8	3.4	13.5	514.8	513.7	522.7	516.7	517.8
Hong Kong SAR	182	122	49.1	46.4	4.5	0.3	31.3	552.2	532.3	521.4	619.1	552.3
Hungary	263	214	63.5	30.9	5.6	1.4	15.7	524.3	529.1	490.4	473.9	530.6
Iran, Islamic Rep. of	224	223	58.4	35.7	5.8	0.4	0.0	430.4	436.5	420.2	465.6	.
Ireland	239	228	33.5	49.1	17.4	4.4	0.4	528.5	535.0	528.7	534.9	537.9
Italy	266	255	70.2	28.1	1.6	3.2	0.7	507.2	520.8	520.1	490.2	504.4
Japan	142	134	43.8	51.7	4.4	5.0	1.6	559.8	550.5	556.5	550.7	568.6
Jordan	224	217	34.8	41.9	23.3	2.7	0.3	438.0	413.9	399.1	385.4	336.1
Kazakhstan	303	239	54.6	41.3	4.1	18.4	1.3	470.7	464.9	442.7	462.4	484.2
Korea, Rep. of	199	169	45.0	51.8	3.1	8.3	7.9	589.2	580.6	599.2	572.7	575.3
Kosovo	231	195	48.9	39.9	11.2	6.2	9.5	409.2	398.5	411.9	399.8	386.5
Kuwait	164	139	66.9	32.3	0.9	13.7	1.4	381.1	359.3	416.7	362.1	418.7
Latvia	213	200	83.7	15.7	0.6	3.2	3.8	528.3	518.7	553.3	506.0	508.2
Lithuania	250	243	68.9	31.1	0.0	2.4	0.5	539.1	531.3	.	540.3	572.4
Macao SAR	275	274	54.7	42.0	3.3	0.0	0.0	545.9	524.2	515.7	589.8	.
Montenegro	338	311	67.7	30.3	2.0	3.0	4.0	460.3	461.0	450.1	460.5	469.7
Morocco	303	266	64.2	23.7	12.1	3.6	5.9	399.3	368.3	392.8	406.1	366.6
Netherlands	188	112	66.6	29.5	3.9	5.2	32.9	520.7	510.9	514.4	507.1	517.3
New Zealand	396	188	46.4	44.8	8.8	4.9	45.2	520.9	527.8	521.2	522.5	508.5
North Macedonia	274	196	76.5	17.9	5.6	3.3	25.2	449.5	424.1	383.2	422.6	433.4
Norway (5)	314	208	48.0	47.9	4.1	4.6	26.6	533.5	533.3	540.1	527.2	522.7
Oman	287	271	58.7	36.4	4.9	2.4	2.6	439.7	421.0	430.8	428.5	442.7
Poland	267	256	69.5	29.9	0.6	4.0	0.7	548.8	552.7	509.7	548.3	572.0
Portugal	321	313	56.7	38.0	5.3	1.8	0.8	508.0	514.9	502.3	525.9	510.7
Qatar	283	276	69.7	27.6	2.7	0.8	2.3	478.4	447.0	484.1	547.2	543.2
Romania	188	121	57.7	36.5	5.8	2.8	34.2	537.7	523.6	539.8	523.9	514.4
Saudi Arabia	217	182	59.8	31.3	8.9	5.2	10.5	430.8	423.2	421.6	402.1	439.7
Serbia	213	209	60.7	34.6	4.6	2.0	0.0	511.0	510.5	490.9	508.9	.
Singapore	362	358	74.4	25.0	0.7	0.9	0.3	607.7	607.2	600.8	595.8	585.9
Slovak Republic	269	267	82.2	17.2	0.7	0.5	0.0	522.6	511.2	542.2	480.2	.
Slovenia	269	258	58.1	40.4	1.4	1.9	1.6	526.3	524.4	533.3	510.9	543.1
South Africa (5)	287	204	56.4	30.0	13.5	6.5	23.8	324.6	288.2	286.4	304.6	307.1
Spain	582	552	62.3	35.1	2.6	2.5	2.0	508.5	496.7	497.5	495.5	512.2
Sweden	250	196	59.0	36.5	4.6	4.9	14.5	537.4	528.4	540.3	513.4	529.4
Turkiye (5)	171	169	28.6	43.9	27.5	1.4	0.0	575.3	565.7	570.2	601.9	.
United Arab Emirates	1435	1187	76.7	19.6	3.7	2.8	11.2	506.0	474.5	438.3	478.2	481.2
United States	495	466	68.0	27.5	4.5	2.6	3.6	531.6	533.3	530.9	554.9	526.0
Uzbekistan	168	155	40.7	42.1	17.2	6.2	2.0	419.2	408.1	408.2	398.2	420.6
International Avg. (58)	17865	15279	56.2	36.4	7.4	4.5	9.3	498.5	491.0	489.4	493.1	491.3
Ontario, Canada	286	226	55.0	39.3	5.7	7.0	11.8	525.5	527.7	519.1	534.8	514.7
Quebec, Canada	215	186	54.7	35.5	9.8	2.6	8.0	510.9	503.3	497.7	514.4	512.1
Abu Dhabi, UAE	553	456	76.5	19.6	3.9	2.9	11.4	459.6	423.6	369.6	400.2	436.0
Dubai, UAE	359	305	80.2	16.8	3.0	2.4	9.4	571.5	544.1	516.8	564.2	534.8
Sharjah, UAE	284	219	80.6	16.6	2.8	3.6	14.9	510.2	491.5	472.8	496.6	486.6

Question: How much do each of these keep you from incorporating digital devices into science instruction? Not enough access to digital devices
Location: TQS-08b (ATBS08B)

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
Albania	123	91	13.8	43.6	42.6	6.6	17.7	522.7	491.0	475.2	469.3	507.0
Armenia	211	172	11.7	44.0	44.3	14.2	1.9	456.3	458.4	458.5	451.4	461.0
Australia	347	232	61.3	17.5	21.2	4.6	27.0	556.4	548.0	543.7	534.4	545.2
Azerbaijan	271	209	19.9	40.7	39.4	8.5	12.8	414.7	428.4	421.0	412.6	420.6
Bahrain	212	209	37.9	35.0	27.1	1.9	0.0	500.2	468.2	449.0	466.4	.
Belgium (Flemish)	278	210	54.0	32.6	13.3	2.3	19.7	493.7	486.4	492.3	495.7	477.0
Belgium (French)	344	282	17.0	30.8	52.2	2.4	14.9	478.6	487.6	481.1	499.5	466.6
Bosnia & Herzegovina	236	169	12.0	39.4	48.7	8.0	20.2	439.8	445.7	455.9	458.0	438.8
Brazil	1047	891	28.0	29.2	42.8	12.7	1.6	461.7	412.7	413.1	413.0	437.3
Bulgaria	208	191	41.3	44.3	14.4	8.3	1.0	531.9	532.4	548.9	476.8	515.0
Canada	917	790	47.0	29.6	23.4	4.4	9.4	525.1	521.3	513.7	529.9	515.2
Chile	178	161	20.9	47.2	31.8	1.5	7.1	488.5	483.6	468.4	486.4	471.0
Chinese Taipei	238	214	54.8	31.2	13.9	9.2	0.0	571.9	571.8	577.2	572.6	.
Cyprus	267	256	14.8	31.6	53.6	2.6	1.5	508.3	486.4	481.1	500.7	476.8
Czech Republic	344	337	42.8	44.6	12.6	0.7	1.1	531.0	523.4	521.1	450.7	525.8
Denmark	278	177	70.8	20.4	8.8	15.9	19.5	522.1	519.6	533.2	520.5	521.9
England	178	124	40.7	33.0	26.3	3.0	23.3	557.4	555.6	563.8	546.8	550.7
Finland	369	347	61.2	27.6	11.3	1.5	2.7	542.0	543.2	547.5	543.4	509.7
France	306	239	11.5	24.6	63.8	3.4	18.1	500.1	484.3	486.3	516.1	486.0
Georgia	218	217	23.5	59.4	17.1	0.4	0.0	474.9	463.9	454.7	480.9	.
Germany	243	199	41.4	25.3	33.3	3.4	13.5	512.5	521.0	513.8	516.7	517.8
Hong Kong SAR	182	122	59.7	34.3	6.0	0.3	31.3	549.2	533.3	513.8	619.1	552.3
Hungary	263	214	36.2	39.1	24.7	1.4	15.7	517.3	522.8	535.3	473.9	530.6
Iran, Islamic Rep. of	224	223	13.1	45.7	41.2	0.4	0.0	459.1	430.9	424.5	465.6	.
Ireland	239	230	23.9	36.4	39.6	4.0	0.4	530.5	539.1	525.8	534.2	537.9
Italy	266	257	23.6	35.0	41.4	2.5	0.7	511.6	514.2	508.0	492.6	504.4
Japan	142	134	51.6	43.8	4.6	5.0	1.6	554.8	554.4	559.6	550.7	568.6
Jordan	224	216	15.6	34.9	49.5	2.9	0.3	427.9	431.7	406.7	392.3	336.1
Kazakhstan	303	242	33.9	55.3	10.9	17.4	1.3	468.0	465.8	475.5	460.3	484.2
Korea, Rep. of	199	169	65.2	30.5	4.3	8.3	7.9	583.7	586.2	597.6	572.7	575.3
Kosovo	231	194	35.5	43.1	21.4	6.5	9.5	406.5	403.1	407.5	399.8	386.5
Kuwait	164	141	27.4	44.9	27.6	12.4	1.4	383.0	373.0	364.9	366.9	418.7
Latvia	213	203	42.7	46.9	10.4	1.2	3.8	528.2	522.8	536.3	505.9	508.2
Lithuania	250	243	35.3	38.6	26.2	2.4	0.5	538.9	531.5	541.2	540.3	572.4
Macao SAR	275	274	39.2	49.8	11.0	0.0	0.0	540.6	533.8	527.4	589.8	.
Montenegro	338	315	13.3	48.8	37.9	2.8	4.0	461.7	464.2	454.6	462.0	469.7
Morocco	303	263	36.7	28.1	35.1	4.6	5.9	404.0	389.9	378.4	405.3	366.6
Netherlands	188	112	71.0	21.7	7.2	5.2	32.9	515.0	519.6	536.3	507.1	517.3
New Zealand	396	188	56.4	28.5	15.1	5.0	45.2	525.3	515.8	535.4	521.5	508.5
North Macedonia	274	195	38.0	40.0	22.0	3.7	25.2	438.7	435.2	456.0	426.9	433.4
Norway (5)	314	208	72.2	21.0	6.8	4.6	26.6	534.7	529.3	535.8	527.2	522.7
Oman	287	270	17.9	36.9	45.2	2.6	2.6	453.2	435.5	422.3	420.8	442.7
Poland	267	254	21.0	42.0	36.9	5.0	0.7	552.5	548.2	550.2	546.9	572.0
Portugal	321	313	41.1	37.5	21.3	1.5	0.8	516.1	508.1	503.5	525.1	510.7
Qatar	283	277	35.4	45.3	19.2	0.6	2.3	488.2	463.4	452.3	544.3	543.2
Romania	188	120	27.5	46.9	25.5	3.6	34.2	538.9	526.7	536.2	529.8	514.4
Saudi Arabia	217	182	10.6	27.9	61.5	5.2	10.5	454.7	430.7	421.6	402.1	439.7
Serbia	213	209	30.3	47.4	22.4	2.0	0.0	508.8	511.1	508.7	508.9	.
Singapore	362	358	66.9	27.6	5.5	0.9	0.3	607.2	610.2	597.5	595.8	585.9
Slovak Republic	269	268	33.7	45.2	21.2	0.3	0.0	515.5	520.3	528.9	550.9	.
Slovenia	269	258	35.7	43.1	21.1	1.7	1.6	522.2	527.8	527.0	509.3	543.1
South Africa (5)	287	206	22.8	28.1	49.1	6.1	23.8	309.4	329.8	297.7	294.3	307.1
Spain	582	552	37.7	36.0	26.3	2.8	2.0	507.0	497.9	508.3	497.2	512.2
Sweden	250	196	89.7	8.4	1.9	4.9	14.5	534.3	538.4	514.9	513.4	529.4
Turkiye (5)	171	169	22.4	31.5	46.1	1.4	0.0	578.5	568.1	566.4	601.9	.
United Arab Emirates	1435	1191	57.0	27.5	15.5	2.6	11.2	530.6	466.7	429.6	474.2	481.2
United States	495	466	86.9	6.7	6.4	2.6	3.6	531.9	516.3	550.8	554.9	526.0
Uzbekistan	168	155	23.0	50.4	26.5	6.1	2.0	406.8	416.7	410.5	395.8	420.6
International Avg. (58)	17865	15304	37.5	36.0	26.5	4.4	9.3	500.4	493.9	492.2	493.5	491.3
Ontario, Canada	286	226	48.2	29.5	22.3	7.0	11.8	525.9	528.5	522.3	536.2	514.7
Quebec, Canada	215	185	40.3	30.1	29.6	2.7	8.0	510.2	506.4	502.7	516.4	512.1
Abu Dhabi, UAE	553	457	46.0	32.1	21.9	2.8	11.4	488.8	435.1	386.7	390.8	436.0
Dubai, UAE	359	305	78.5	13.0	8.6	2.4	9.4	580.3	514.0	505.1	564.2	534.8
Sharjah, UAE	284	220	60.6	31.5	8.0	3.0	14.9	522.3	493.2	432.0	497.3	486.6

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-08c (ATBS08C)

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
Albania	123	91	27.7	55.8	16.5	6.6	17.7	502.7	483.4	482.9	469.3	507.0
Armenia	211	169	21.3	71.0	7.7	15.9	1.9	456.7	456.9	470.6	453.9	461.0
Australia	347	232	53.1	37.5	9.4	4.6	27.0	553.7	550.5	550.7	534.4	545.2
Azerbaijan	271	204	49.5	37.4	13.1	11.1	12.8	423.0	429.3	412.0	406.7	420.6
Bahrain	212	210	43.9	41.9	14.2	1.3	0.0	487.3	464.4	467.5	482.7	.
Belgium (Flemish)	278	211	44.2	47.9	7.9	1.7	19.7	491.6	492.4	480.2	499.9	477.0
Belgium (French)	344	282	50.4	35.9	13.7	2.4	14.9	478.0	488.3	484.9	499.5	466.6
Bosnia & Herzegovina	236	165	42.4	50.3	7.3	9.1	20.2	451.6	449.6	444.2	456.3	438.8
Brazil	1047	886	37.5	40.2	22.3	12.8	1.6	435.8	428.3	408.6	412.2	437.3
Bulgaria	208	191	49.5	39.0	11.5	8.2	1.0	546.5	519.5	524.2	489.4	515.0
Canada	917	791	35.3	44.1	20.6	4.3	9.4	521.3	518.4	527.6	529.7	515.2
Chile	178	161	22.7	55.0	22.3	1.5	7.1	481.6	476.1	487.0	486.4	471.0
Chinese Taipei	238	214	30.8	49.6	19.6	8.7	0.0	572.9	571.4	576.3	570.5	.
Cyprus	267	253	62.5	27.2	10.3	3.6	1.5	489.7	490.0	457.0	506.7	476.8
Czech Republic	344	336	38.7	51.7	9.6	0.8	1.1	532.3	523.9	516.5	455.4	525.8
Denmark	278	176	36.9	53.6	9.5	16.3	19.5	524.5	526.0	499.4	519.2	521.9
England	178	124	53.3	41.9	4.8	3.0	23.3	564.4	555.7	516.7	546.8	550.7
Finland	369	347	43.4	44.3	12.3	1.5	2.7	547.7	542.7	527.3	543.4	509.7
France	306	240	43.7	40.6	15.7	3.2	18.1	487.5	491.3	478.7	511.9	486.0
Georgia	218	213	39.5	56.8	3.7	2.1	0.0	468.8	461.9	463.0	478.6	.
Germany	243	197	48.5	45.2	6.3	4.2	13.5	514.2	518.5	503.2	509.1	517.8
Hong Kong SAR	182	121	24.6	64.0	11.4	0.8	31.3	567.0	531.6	541.2	594.6	552.3
Hungary	263	213	51.9	37.6	10.5	1.8	15.7	521.9	525.7	525.1	494.9	530.6
Iran, Islamic Rep. of	224	222	36.7	49.1	14.2	0.8	0.0	441.7	422.9	436.4	483.4	.
Ireland	239	230	38.0	47.7	14.3	4.0	0.4	532.3	534.5	521.6	534.2	537.9
Italy	266	255	48.5	42.8	8.6	3.0	0.7	512.1	511.2	505.9	492.6	504.4
Japan	142	135	46.3	47.3	6.4	4.2	1.6	557.3	552.1	555.1	552.9	568.6
Jordan	224	214	21.5	52.4	26.1	3.8	0.3	434.9	411.9	417.5	408.5	336.1
Kazakhstan	303	242	59.7	34.4	5.9	17.4	1.3	465.5	474.6	447.6	460.3	484.2
Korea, Rep. of	199	169	23.3	57.8	18.9	8.3	7.9	587.1	584.5	584.5	572.7	575.3
Kosovo	231	195	33.0	38.6	28.4	6.2	9.5	399.3	406.6	410.3	399.8	386.5
Kuwait	164	135	33.2	56.9	9.9	16.2	1.4	399.7	357.8	380.4	366.1	418.7
Latvia	213	201	44.5	43.9	11.5	1.9	3.8	528.3	530.6	504.8	508.5	508.2
Lithuania	250	243	45.5	49.5	5.0	2.4	0.5	540.9	534.6	519.0	540.3	572.4
Macao SAR	275	274	29.4	55.2	15.4	0.0	0.0	534.2	539.4	525.9	589.8	.
Montenegro	338	309	28.6	61.7	9.7	3.4	4.0	455.4	462.0	462.4	464.6	469.7
Morocco	303	260	53.2	32.4	14.4	6.3	5.9	396.1	379.9	397.9	399.9	366.6
Netherlands	188	112	71.3	24.1	4.6	5.2	32.9	520.3	509.6	515.9	507.1	517.3
New Zealand	396	188	49.8	43.4	6.8	4.9	45.2	530.7	517.9	514.7	522.5	508.5
North Macedonia	274	194	54.0	36.8	9.2	3.8	25.2	449.6	438.1	405.7	423.1	433.4
Norway (5)	314	208	33.6	53.8	12.6	4.6	26.6	539.0	531.5	528.5	527.2	522.7
Oman	287	271	32.2	53.8	14.0	2.4	2.6	436.2	430.8	430.4	428.5	442.7
Poland	267	255	39.3	50.4	10.3	4.4	0.7	549.6	551.5	542.6	547.3	572.0
Portugal	321	312	41.3	51.2	7.5	2.2	0.8	514.0	508.8	500.5	523.4	510.7
Qatar	283	275	45.6	43.6	10.7	0.9	2.3	481.1	459.7	463.7	535.9	543.2
Romania	188	120	43.0	49.7	7.3	3.3	34.2	535.6	523.6	572.8	532.6	514.4
Saudi Arabia	217	181	29.5	49.2	21.3	5.7	10.5	431.6	435.2	405.7	401.0	439.7
Serbia	213	207	33.1	57.8	9.2	2.7	0.0	515.2	505.9	518.5	499.2	.
Singapore	362	357	49.6	41.0	9.4	1.1	0.3	607.5	609.9	597.2	601.0	585.9
Slovak Republic	269	267	47.5	47.4	5.1	0.5	0.0	527.3	517.4	492.0	480.2	.
Slovenia	269	258	28.8	52.9	18.3	1.8	1.6	529.3	524.6	523.9	498.9	543.1
South Africa (5)	287	203	46.2	32.8	21.1	7.1	23.8	311.1	314.9	296.5	297.4	307.1
Spain	582	551	35.9	51.8	12.3	2.9	2.0	507.4	502.6	502.1	491.2	512.2
Sweden	250	196	41.9	49.6	8.5	4.9	14.5	538.1	528.6	547.9	513.4	529.4
Turkiye (5)	171	169	25.4	50.4	24.2	1.4	0.0	579.7	562.3	574.5	601.9	.
United Arab Emirates	1435	1188	48.8	37.7	13.5	2.8	11.2	510.4	483.4	488.8	477.3	481.2
United States	495	467	45.6	42.6	11.8	2.3	3.6	535.1	528.5	532.7	561.1	526.0
Uzbekistan	168	154	48.8	39.3	12.0	6.7	2.0	416.3	407.9	412.4	400.1	420.6
International Avg. (58)	17865	15244	41.1	46.5	12.4	4.7	9.3	499.5	492.9	489.3	493.0	491.3
Ontario, Canada	286	226	29.3	44.3	26.4	7.0	11.8	528.9	520.6	531.3	536.2	514.7
Quebec, Canada	215	186	46.8	40.2	13.1	2.6	8.0	508.4	507.1	500.7	514.4	512.1
Abu Dhabi, UAE	553	455	50.0	39.9	10.1	3.1	11.4	449.6	452.9	432.4	399.6	436.0
Dubai, UAE	359	305	55.7	30.8	13.5	2.7	9.4	577.9	551.3	545.8	562.1	534.8
Sharjah, UAE	284	220	47.7	35.5	16.8	3.0	14.9	524.5	481.3	505.5	497.3	486.6

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-08d (ATBS08D)

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
Albania	123	90	24.6	41.8	33.6	7.3	17.7	507.7	484.2	481.1	467.8	507.0
Armenia	211	167	16.4	68.6	15.0	16.3	1.9	471.1	451.3	470.7	456.1	461.0
Australia	347	232	65.7	27.0	7.3	4.6	27.0	554.4	550.3	539.4	534.4	545.2
Azerbaijan	271	209	31.9	41.3	26.8	8.8	12.8	418.8	425.4	422.9	413.7	420.6
Bahrain	212	208	66.1	26.0	7.9	3.2	0.0	481.3	465.5	455.4	469.8	.
Belgium (Flemish)	278	211	50.7	37.2	12.2	1.7	19.7	490.4	493.5	486.3	499.9	477.0
Belgium (French)	344	281	24.4	35.6	40.1	2.6	14.9	484.4	482.7	481.9	494.7	466.6
Bosnia & Herzegovina	236	168	9.4	34.1	56.5	8.6	20.2	447.1	448.9	451.4	456.1	438.8
Brazil	1047	891	25.4	35.5	39.1	12.4	1.6	445.1	427.3	413.4	413.9	437.3
Bulgaria	208	190	73.1	23.1	3.7	8.8	1.0	535.5	528.0	546.1	483.7	515.0
Canada	917	788	50.8	38.9	10.3	4.6	9.4	523.3	519.4	519.4	529.1	515.2
Chile	178	161	29.7	38.6	31.7	1.5	7.1	486.4	482.3	470.5	486.4	471.0
Chinese Taipei	238	214	70.1	25.7	4.2	9.2	0.0	572.5	572.3	576.2	572.6	.
Cyprus	267	255	25.4	31.7	42.9	2.9	1.5	491.4	490.0	481.4	502.6	476.8
Czech Republic	344	335	67.3	28.8	3.9	1.3	1.1	527.1	524.9	526.4	482.5	525.8
Denmark	278	176	74.1	22.5	3.5	16.3	19.5	518.6	536.6	525.9	519.2	521.9
England	178	124	58.8	32.8	8.3	3.0	23.3	555.0	559.8	577.6	546.8	550.7
Finland	369	347	67.8	28.0	4.2	1.5	2.7	545.8	537.0	535.7	543.4	509.7
France	306	239	32.1	29.3	38.6	3.5	18.1	488.4	484.7	488.8	514.0	486.0
Georgia	218	217	39.4	44.5	16.0	0.3	0.0	464.9	466.2	462.6	420.4	.
Germany	243	198	50.6	33.9	15.5	3.7	13.5	515.3	516.8	511.2	513.5	517.8
Hong Kong SAR	182	122	64.3	30.5	5.2	0.3	31.3	548.6	528.9	529.7	619.1	552.3
Hungary	263	214	47.7	39.0	13.4	1.4	15.7	518.9	526.8	533.6	473.9	530.6
Iran, Islamic Rep. of	224	223	32.3	46.2	21.5	0.4	0.0	442.1	424.9	431.9	465.6	.
Ireland	239	230	47.5	36.6	15.9	4.0	0.4	533.7	533.5	522.2	534.2	537.9
Italy	266	255	36.6	41.6	21.8	3.2	0.7	511.8	513.8	505.5	490.2	504.4
Japan	142	134	50.7	41.3	8.0	5.0	1.6	556.1	554.3	549.5	550.7	568.6
Jordan	224	215	29.8	41.9	28.3	3.8	0.3	435.3	416.1	403.9	407.8	336.1
Kazakhstan	303	241	39.4	49.8	10.8	17.8	1.3	464.3	471.3	462.1	460.6	484.2
Korea, Rep. of	199	169	62.7	34.4	2.9	8.3	7.9	583.7	584.7	617.8	572.7	575.3
Kosovo	231	196	26.2	40.5	33.4	5.4	9.5	404.6	405.5	403.9	406.7	386.5
Kuwait	164	135	48.9	37.1	14.0	16.2	1.4	389.2	362.6	351.0	366.1	418.7
Latvia	213	201	55.0	36.5	8.4	2.5	3.8	526.1	526.2	529.0	521.0	508.2
Lithuania	250	243	55.8	36.6	7.6	2.4	0.5	535.3	540.1	530.3	540.3	572.4
Macao SAR	275	274	26.0	53.9	20.1	0.0	0.0	545.2	531.2	535.8	589.8	.
Montenegro	338	316	26.4	43.6	30.0	2.7	4.0	465.0	458.5	458.7	460.7	469.7
Morocco	303	260	23.2	27.3	49.4	7.1	5.9	409.5	399.7	377.9	397.8	366.6
Netherlands	188	111	73.3	24.1	2.6	5.5	32.9	517.0	518.7	523.2	507.6	517.3
New Zealand	396	188	70.4	25.0	4.6	4.9	45.2	523.6	519.8	549.3	524.4	508.5
North Macedonia	274	195	36.7	43.0	20.3	3.3	25.2	444.6	440.9	435.3	425.6	433.4
Norway (5)	314	208	65.5	31.0	3.5	4.6	26.6	535.3	529.9	536.7	527.2	522.7
Oman	287	271	31.4	44.4	24.2	2.4	2.6	451.1	421.7	428.0	428.5	442.7
Poland	267	255	39.6	39.8	20.6	4.4	0.7	549.4	548.6	552.9	547.3	572.0
Portugal	321	313	28.9	43.8	27.3	1.9	0.8	515.3	510.6	504.8	523.4	510.7
Qatar	283	276	73.4	22.6	4.0	0.8	2.3	469.0	475.6	453.3	547.2	543.2
Romania	188	121	40.1	37.0	22.9	2.8	34.2	534.1	532.3	530.8	523.9	514.4
Saudi Arabia	217	181	34.5	31.0	34.6	5.7	10.5	441.4	428.2	412.9	407.0	439.7
Serbia	213	208	39.0	45.4	15.6	2.4	0.0	507.8	510.0	515.7	501.8	.
Singapore	362	357	79.2	18.3	2.5	1.2	0.3	607.6	609.0	602.6	581.1	585.9
Slovak Republic	269	267	54.5	31.6	13.9	0.5	0.0	522.6	518.5	518.7	480.2	.
Slovenia	269	258	47.3	38.0	14.7	1.9	1.6	522.7	527.6	530.2	510.9	543.1
South Africa (5)	287	204	31.7	30.8	37.5	6.8	23.8	347.9	301.5	282.4	299.5	307.1
Spain	582	554	41.8	34.5	23.7	2.3	2.0	507.6	500.7	502.7	495.9	512.2
Sweden	250	196	77.4	17.1	5.5	4.9	14.5	533.5	538.8	530.1	513.4	529.4
Turkiye (5)	171	169	35.8	33.6	30.6	1.4	0.0	574.9	568.9	564.4	601.9	.
United Arab Emirates	1435	1189	73.3	22.1	4.6	2.6	11.2	514.2	453.3	437.1	478.0	481.2
United States	495	466	78.8	16.2	4.9	2.6	3.6	532.8	525.6	542.0	554.9	526.0
Uzbekistan	168	155	32.8	39.4	27.8	5.8	2.0	405.9	415.4	415.9	400.8	420.6
International Avg. (58)	17865	15271	46.8	35.0	18.2	4.7	9.3	499.2	493.5	492.0	492.4	491.3
Ontario, Canada	286	225	46.7	44.6	8.7	7.2	11.8	527.2	522.7	534.7	535.7	514.7
Quebec, Canada	215	185	47.0	35.6	17.3	3.1	8.0	507.8	503.4	510.9	517.2	512.1
Abu Dhabi, UAE	553	457	68.4	26.6	5.0	2.8	11.4	466.8	411.2	410.8	390.8	436.0
Dubai, UAE	359	304	85.8	12.2	2.1	2.7	9.4	574.2	522.3	445.9	565.5	534.8
Sharjah, UAE	284	219	70.2	25.1	4.7	3.1	14.9	519.5	477.8	455.2	497.4	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Basic differences between living and nonliving things
Location: TQS-09Aa (ATBS09AA)

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
Albania	123	90	78.8	21.2	0.0	6.1	17.7	489.8	469.8	.	506.4	507.0
Armenia	211	161	73.1	16.3	10.6	21.1	1.9	461.9	456.6	460.7	443.8	461.0
Australia	347	230	69.8	29.4	0.8	5.4	27.0	553.2	550.0	580.4	533.9	545.2
Azerbaijan	271	214	76.9	21.6	1.5	7.6	12.8	424.7	417.1	383.4	414.3	420.6
Bahrain	212	211	56.3	42.5	1.2	0.9	0.0	492.2	451.8	481.3	486.7	.
Belgium (Flemish)	278	208	41.8	30.8	27.3	2.5	19.7	491.3	487.6	494.7	496.9	477.0
Belgium (French)	344	281	78.0	18.4	3.5	3.3	14.9	483.6	475.5	492.6	501.0	466.6
Bosnia & Herzegovina	236	172	69.3	21.4	9.2	6.5	20.2	453.3	437.7	455.1	458.1	438.8
Brazil	1047	891	51.8	43.6	4.5	14.5	1.6	428.8	417.1	476.3	419.0	437.3
Bulgaria	208	203	77.6	22.4	0.0	1.0	1.0	530.3	529.3	.	495.9	515.0
Canada	917	790	65.1	27.9	6.9	4.7	9.4	522.2	518.7	524.3	528.7	515.2
Chile	178	161	63.8	35.0	1.2	1.5	7.1	480.7	478.0	483.3	486.4	471.0
Chinese Taipei	238	234	52.0	44.0	4.0	1.2	0.0	572.6	572.7	569.8	580.0	.
Cyprus	267	261	69.4	28.6	2.0	0.8	1.5	487.4	488.8	458.3	475.2	476.8
Czech Republic	344	338	66.4	33.6	0.0	0.3	1.1	525.2	528.6	.	385.8	525.8
Denmark	278	173	50.6	25.1	24.3	17.6	19.5	524.1	516.3	526.9	519.8	521.9
England	178	124	78.0	17.8	4.2	3.0	23.3	558.8	559.7	547.4	546.8	550.7
Finland	369	348	79.7	12.0	8.3	1.7	2.7	544.8	534.9	538.8	535.8	509.7
France	306	236	79.3	17.0	3.7	4.4	18.1	487.0	492.2	499.0	493.2	486.0
Georgia	218	214	61.7	37.0	1.2	1.3	0.0	467.6	460.4	452.8	482.1	.
Germany	243	195	60.9	9.4	29.7	5.0	13.5	518.3	510.1	509.4	519.1	517.8
Hong Kong SAR	182	121	82.1	13.4	4.5	0.8	31.3	540.9	537.2	564.2	594.6	552.3
Hungary	263	215	95.3	2.8	1.9	0.5	15.7	524.4	523.2	474.2	452.9	530.6
Iran, Islamic Rep. of	224	224	52.5	44.5	3.0	0.0	0.0	437.7	428.8	382.9	.	.
Ireland	239	235	74.3	23.4	2.4	1.2	0.4	532.9	531.6	500.3	533.7	537.9
Italy	266	261	70.6	29.4	0.0	1.2	0.7	511.7	508.4	.	495.7	504.4
Japan	142	134	20.9	11.6	67.4	5.0	1.6	561.4	552.6	553.2	550.8	568.6
Jordan	224	217	44.5	55.4	0.1	1.9	0.3	422.9	414.5	397.5	403.6	336.1
Kazakhstan	303	243	77.6	20.9	1.5	16.6	1.3	464.9	478.1	462.5	459.8	484.2
Korea, Rep. of	199	171	57.2	21.7	21.1	6.0	7.9	585.4	577.1	590.4	573.5	575.3
Kosovo	231	198	59.3	39.9	0.8	4.8	9.5	407.0	401.8	414.7	402.0	386.5
Kuwait	164	162	71.8	28.2	0.0	0.0	1.4	374.5	368.1	.	.	418.7
Latvia	213	205	72.1	22.0	6.0	0.3	3.8	529.2	525.1	496.9	476.9	508.2
Lithuania	250	244	77.8	19.9	2.3	1.1	0.5	534.7	545.6	524.1	545.2	572.4
Macao SAR	275	272	83.8	9.9	6.3	1.0	0.0	537.6	528.8	524.5	528.3	.
Montenegro	338	316	72.5	25.9	1.6	2.6	4.0	458.8	464.2	465.4	460.3	469.7
Morocco	303	270	65.9	31.2	2.9	2.8	5.9	396.9	381.8	367.0	405.5	366.6
Netherlands	188	110	48.4	23.4	28.2	6.1	32.9	518.7	525.2	509.5	507.6	517.3
New Zealand	396	191	62.3	20.7	17.0	4.7	45.2	527.3	516.3	522.5	520.7	508.5
North Macedonia	274	197	43.4	54.7	1.8	3.1	25.2	455.8	429.5	432.4	428.0	433.4
Norway (5)	314	205	42.6	28.7	28.7	5.2	26.6	535.2	533.8	531.6	526.4	522.7
Oman	287	269	92.1	5.9	1.9	3.3	2.6	431.1	455.2	415.4	435.4	442.7
Poland	267	260	7.8	92.2	0.0	2.3	0.7	558.3	548.8	.	554.2	572.0
Portugal	321	314	98.2	1.7	0.2	1.2	0.8	510.1	522.1	567.4	531.4	510.7
Qatar	283	277	74.5	24.3	1.2	0.6	2.3	471.5	465.0	481.7	544.3	543.2
Romania	188	120	73.4	26.1	0.5	3.1	34.2	532.3	534.5	551.1	519.9	514.4
Saudi Arabia	217	182	51.7	46.9	1.5	5.2	10.5	419.9	436.1	431.2	401.7	439.7
Serbia	213	212	94.3	5.7	0.0	0.4	0.0	511.7	478.3	.	526.3	.
Singapore	362	358	97.4	2.3	0.3	0.9	0.3	607.3	608.8	659.9	595.8	585.9
Slovak Republic	269	269	83.7	15.9	0.5	0.0	0.0	522.8	515.8	289.7	.	.
Slovenia	269	258	54.9	33.5	11.7	2.1	1.6	526.4	525.5	521.4	519.3	543.1
South Africa (5)	287	214	59.0	40.2	0.8	2.0	24.5	317.9	290.3	173.0	347.5	311.7
Spain	582	553	71.1	28.2	0.8	2.4	2.0	504.3	502.6	535.5	496.4	512.2
Sweden	250	193	26.9	49.0	24.1	7.8	14.5	541.5	532.6	538.5	499.0	529.4
Turkiye (5)	171	169	50.4	48.7	0.8	1.4	0.0	573.9	564.6	612.6	601.9	.
United Arab Emirates	1435	1195	72.6	26.4	1.0	2.4	11.2	502.7	484.0	470.2	468.6	481.2
United States	495	465	62.3	31.5	6.2	3.4	3.6	537.2	527.5	505.4	546.7	526.0
Uzbekistan	168	156	85.2	11.2	3.7	5.2	2.0	412.0	421.8	396.3	397.0	420.6
International Avg. (58)	17865	15390	66.0	27.1	6.8	3.8	9.3	497.2	492.0	486.2	493.8	491.4
Ontario, Canada	286	227	60.3	33.6	6.1	6.8	11.8	524.4	525.9	541.9	535.3	514.7
Quebec, Canada	215	185	66.9	26.8	6.2	2.7	8.0	508.7	504.9	498.1	511.0	512.1
Abu Dhabi, UAE	553	457	70.9	28.0	1.1	3.2	11.4	449.1	449.7	422.1	407.2	436.0
Dubai, UAE	359	306	74.2	24.1	1.7	2.1	9.4	571.7	549.9	525.2	547.0	534.8
Sharjah, UAE	284	221	76.8	22.7	0.4	2.4	14.9	513.8	481.5	347.1	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Defining characteristics of major groups of living things

Location: TQS-09Ab (ATBS09AB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught yet this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught yet this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Albania	123	90	57.9	39.2	2.9	6.1	17.7	491.5	474.3	518.1	506.4	507.0
Armenia	211	159	68.7	7.6	23.7	22.0	1.9	458.9	453.2	469.6	444.2	461.0
Australia	347	230	54.9	40.1	5.0	5.4	27.0	553.5	551.9	545.8	533.9	545.2
Azerbaijan	271	210	60.6	33.9	5.4	8.7	12.8	421.7	426.0	403.4	418.0	420.6
Bahrain	212	210	41.7	54.8	3.6	1.4	0.0	484.0	469.0	465.2	466.6	.
Belgium (Flemish)	278	208	25.0	49.9	25.1	2.4	19.7	489.2	488.5	498.2	497.2	477.0
Belgium (French)	344	277	45.9	32.2	21.9	4.1	14.9	487.0	475.8	482.3	498.7	466.6
Bosnia & Herzegovina	236	171	59.5	29.0	11.5	7.1	20.2	451.3	444.4	456.2	460.1	438.8
Brazil	1047	888	39.0	57.2	3.8	15.3	1.6	434.8	420.8	424.4	416.3	437.3
Bulgaria	208	202	47.0	52.6	0.4	1.3	1.0	533.2	527.2	568.8	494.4	515.0
Canada	917	789	50.3	37.4	12.4	4.9	9.4	522.4	514.8	536.9	528.6	515.2
Chile	178	161	68.0	28.0	4.0	1.5	7.1	477.7	481.5	502.3	486.4	471.0
Chinese Taipei	238	233	43.5	48.9	7.7	1.8	0.0	571.8	573.7	570.0	575.0	.
Cyprus	267	261	58.1	35.6	6.3	0.8	1.5	483.2	489.9	509.3	475.2	476.8
Czech Republic	344	338	41.9	56.7	1.3	0.3	1.1	526.3	526.6	518.1	385.8	525.8
Denmark	278	175	40.6	32.0	27.5	16.2	19.5	526.2	518.0	523.1	519.8	521.9
England	178	124	58.2	35.2	6.5	3.0	23.3	560.8	552.1	572.5	546.8	550.7
Finland	369	345	41.7	35.0	23.4	2.7	2.7	544.0	546.9	534.3	550.4	509.7
France	306	237	41.8	39.7	18.5	4.0	18.1	488.5	482.6	498.8	499.3	486.0
Georgia	218	210	35.2	63.0	1.9	2.8	0.0	460.6	468.1	427.4	473.8	.
Germany	243	193	47.5	12.8	39.8	5.7	13.5	516.4	509.2	514.5	520.1	517.8
Hong Kong SAR	182	121	68.5	15.5	16.0	0.8	31.3	541.3	530.0	552.9	594.6	552.3
Hungary	263	215	65.7	21.4	13.0	0.5	15.7	527.5	518.8	510.9	452.9	530.6
Iran, Islamic Rep. of	224	224	34.1	60.0	6.0	0.0	0.0	437.5	433.2	390.9	.	.
Ireland	239	236	57.5	31.9	10.6	0.8	0.4	537.3	526.0	519.0	544.3	537.9
Italy	266	261	31.3	67.8	0.9	1.2	0.7	505.4	513.3	504.4	495.7	504.4
Japan	142	135	41.8	39.4	18.8	4.2	1.6	554.7	553.5	557.7	550.0	568.6
Jordan	224	217	24.5	74.2	1.3	1.9	0.3	413.9	419.7	415.0	403.6	336.1
Kazakhstan	303	240	68.8	29.3	1.9	17.5	1.3	464.9	471.1	484.6	462.7	484.2
Korea, Rep. of	199	169	38.0	38.4	23.7	7.1	7.9	580.4	580.5	596.0	582.1	575.3
Kosovo	231	198	41.3	47.6	11.2	4.8	9.5	398.1	407.0	422.1	402.0	386.5
Kuwait	164	162	49.8	49.7	0.6	0.0	1.4	372.6	374.3	237.4	.	418.7
Latvia	213	204	57.8	32.7	9.5	0.6	3.8	525.7	527.2	527.9	504.9	508.2
Lithuania	250	244	52.3	41.9	5.9	1.1	0.5	529.8	544.4	542.8	545.2	572.4
Macao SAR	275	272	69.1	15.5	15.3	1.0	0.0	532.6	542.3	544.0	528.3	.
Montenegro	338	314	27.1	66.9	5.9	2.7	4.0	448.9	465.5	455.1	457.0	469.7
Morocco	303	272	45.7	51.9	2.4	1.7	5.9	398.3	386.4	369.4	407.0	366.6
Netherlands	188	111	31.7	34.4	33.9	5.7	32.9	517.0	521.3	514.5	507.1	517.3
New Zealand	396	192	46.4	27.5	26.1	4.5	45.2	530.3	517.9	520.3	519.2	508.5
North Macedonia	274	196	28.1	69.1	2.7	3.3	25.2	452.4	435.7	462.5	424.2	433.4
Norway (5)	314	205	32.6	39.4	28.1	5.2	26.6	535.9	532.6	532.9	526.4	522.7
Oman	287	268	79.2	16.4	4.4	3.8	2.6	432.6	434.4	418.1	435.7	442.7
Poland	267	260	4.0	88.0	8.0	2.3	0.7	564.5	549.1	547.2	554.2	572.0
Portugal	321	311	93.9	5.5	0.6	2.2	0.8	509.5	525.8	520.3	520.1	510.7
Qatar	283	276	58.2	37.6	4.2	0.8	2.3	468.1	471.6	489.0	486.6	543.2
Romania	188	120	62.5	33.1	4.4	3.1	34.2	536.4	526.5	532.6	519.9	514.4
Saudi Arabia	217	181	37.6	60.4	2.0	5.6	10.5	419.9	431.6	410.4	416.4	439.7
Serbia	213	211	85.1	13.1	1.9	0.7	0.0	511.8	496.8	512.1	515.6	.
Singapore	362	358	96.6	3.1	0.3	0.9	0.3	608.1	585.1	659.9	595.8	585.9
Slovak Republic	269	268	58.0	38.0	4.0	0.3	0.0	524.2	521.6	462.7	476.4	.
Slovenia	269	259	9.8	57.6	32.6	1.9	1.6	520.9	527.3	523.8	516.7	543.1
South Africa (5)	287	212	46.4	49.3	4.2	2.7	24.5	312.2	308.1	220.3	318.0	311.7
Spain	582	553	46.3	52.7	1.0	2.4	2.0	507.3	502.0	464.2	496.4	512.2
Sweden	250	193	24.2	56.4	19.5	7.8	14.5	537.7	536.9	533.5	499.0	529.4
Turkiye (5)	171	168	10.9	87.9	1.2	2.1	0.0	582.1	568.2	598.6	572.2	.
United Arab Emirates	1435	1195	57.9	38.2	3.9	2.4	11.2	499.2	499.4	452.5	468.6	481.2
United States	495	464	45.1	42.8	12.1	3.4	3.6	537.3	529.8	521.4	546.8	526.0
Uzbekistan	168	155	78.7	16.6	4.7	5.6	2.0	413.6	409.2	405.2	399.4	420.6
International Avg. (58)	17865	15351	48.9	40.9	10.3	4.0	9.3	496.1	493.4	490.9	491.8	491.4
Ontario, Canada	286	227	48.8	36.1	15.1	7.1	11.8	525.1	521.5	539.2	535.3	514.7
Quebec, Canada	215	184	47.2	48.3	4.5	3.0	8.0	509.6	504.6	504.3	511.2	512.1
Abu Dhabi, UAE	553	457	58.1	35.8	6.1	3.2	11.4	449.9	454.4	408.6	407.2	436.0
Dubai, UAE	359	306	53.5	42.9	3.6	2.1	9.4	563.8	568.6	558.7	547.0	534.8
Sharjah, UAE	284	221	64.0	34.0	2.0	2.4	14.9	516.1	490.3	434.0	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Functions of major structures in living things (e.g., roots in plants)

Location: TQS-09Ac (ATBS09AC)

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
Albania	123	90	67.6	31.7	0.7	6.3	17.7	493.7	469.3	546.1	496.2	507.0
Armenia	211	158	73.2	10.0	16.8	21.8	1.9	458.8	459.3	470.1	444.9	461.0
Australia	347	229	42.0	44.5	13.5	5.5	27.0	555.5	554.4	536.8	533.9	545.2
Azerbaijan	271	206	44.3	38.0	17.7	11.3	12.8	423.5	419.6	422.6	421.1	420.6
Bahrain	212	211	43.4	54.6	2.0	0.9	0.0	482.0	470.7	434.7	486.7	.
Belgium (Flemish)	278	208	37.2	41.0	21.8	2.5	19.7	486.6	490.5	499.7	496.9	477.0
Belgium (French)	344	277	31.9	38.4	29.7	4.1	14.9	484.1	483.0	478.9	503.1	466.6
Bosnia & Herzegovina	236	170	27.9	50.4	21.7	7.3	20.2	449.4	450.7	448.8	458.9	438.8
Brazil	1047	889	47.3	46.4	6.3	14.5	1.6	435.8	418.1	407.9	418.9	437.3
Bulgaria	208	202	56.4	43.6	0.0	1.3	1.0	531.4	528.9	.	488.0	515.0
Canada	917	790	51.0	34.9	14.1	4.6	9.4	520.7	521.6	522.9	529.1	515.2
Chile	178	161	71.4	26.9	1.7	1.5	7.1	483.5	471.1	458.9	486.4	471.0
Chinese Taipei	238	234	73.3	24.1	2.5	1.2	0.0	572.3	571.8	584.7	580.0	.
Cyprus	267	261	51.2	42.9	5.9	0.8	1.5	485.2	486.0	513.5	475.2	476.8
Czech Republic	344	338	40.4	56.4	3.2	0.3	1.1	526.9	524.6	550.1	385.8	525.8
Denmark	176	176	41.1	40.3	18.7	15.7	19.5	522.9	525.2	519.1	518.1	521.9
England	178	124	65.8	29.1	5.2	3.0	23.3	554.9	563.1	577.9	546.8	550.7
Finland	369	345	61.1	34.6	4.2	2.8	2.7	543.4	543.3	536.2	538.7	509.7
France	306	236	43.7	30.8	25.5	4.3	18.1	488.9	483.2	491.6	502.0	486.0
Georgia	218	215	50.9	44.8	4.3	0.9	0.0	467.3	462.1	465.2	476.5	.
Germany	243	195	71.9	15.0	13.1	5.0	13.5	517.1	514.9	502.4	519.1	517.8
Hong Kong SAR	182	120	69.9	15.6	14.5	1.4	31.3	540.4	543.5	544.2	569.5	552.3
Hungary	263	215	75.3	20.7	4.0	0.5	15.7	525.2	522.5	495.3	452.9	530.6
Iran, Islamic Rep. of	224	222	36.8	55.7	7.5	0.9	0.0	427.2	438.1	405.7	482.4	.
Ireland	239	236	44.6	41.9	13.5	1.1	0.4	535.9	531.7	519.6	525.4	537.9
Italy	266	261	42.9	56.8	0.3	1.2	0.7	508.7	512.1	551.8	495.7	504.4
Japan	142	135	44.0	23.4	32.6	4.2	1.6	559.1	553.4	550.0	550.0	568.6
Jordan	224	215	46.3	49.2	4.6	3.2	0.3	424.1	412.9	402.3	427.7	336.1
Kazakhstan	303	237	64.1	35.4	0.5	18.5	1.3	460.0	478.7	548.3	463.0	484.2
Korea, Rep. of	199	171	18.3	60.9	20.8	6.0	7.9	583.8	584.6	585.6	573.5	575.3
Kosovo	231	198	49.7	47.3	3.0	4.8	9.5	402.3	408.2	400.1	402.0	386.5
Kuwait	164	161	58.1	40.8	1.0	0.7	1.4	371.2	370.9	502.5	414.2	418.7
Latvia	213	205	36.6	54.5	8.9	0.3	3.8	527.6	526.2	522.2	476.9	508.2
Lithuania	250	244	78.8	18.6	2.6	1.1	0.5	537.0	533.6	548.0	545.2	572.4
Macao SAR	275	272	74.1	14.4	11.5	1.0	0.0	538.5	521.5	536.7	528.3	.
Montenegro	338	316	28.1	59.5	12.5	2.6	4.0	459.6	461.5	456.0	460.3	469.7
Morocco	303	271	36.7	62.4	0.9	2.2	5.9	397.6	385.6	514.8	411.4	366.6
Netherlands	188	109	35.3	41.2	23.5	6.5	32.9	517.8	522.6	509.2	507.2	517.3
New Zealand	396	189	36.8	33.0	30.2	5.8	45.2	525.0	518.3	531.4	516.6	508.5
North Macedonia	274	197	40.9	54.9	4.2	3.1	25.2	445.7	436.0	460.1	428.0	433.4
Norway (5)	314	204	33.8	26.9	39.2	5.5	26.6	535.2	536.2	530.5	528.4	522.7
Oman	287	270	53.5	32.1	14.5	2.9	2.6	431.4	433.4	435.0	427.0	442.7
Poland	267	260	6.7	18.8	74.5	2.3	0.7	550.7	546.9	550.1	554.2	572.0
Portugal	321	311	95.8	3.3	0.9	2.2	0.8	510.5	511.7	504.9	515.2	510.7
Qatar	283	276	59.5	34.8	5.7	1.0	2.3	460.1	490.9	446.2	512.2	543.2
Romania	188	120	78.0	22.0	0.0	3.1	34.2	533.7	530.4	.	519.9	514.4
Saudi Arabia	217	182	59.1	35.9	5.0	5.2	10.5	426.7	427.1	442.7	401.7	439.7
Serbia	213	211	91.4	7.3	1.3	0.8	0.0	511.0	494.4	505.6	531.7	.
Singapore	362	358	67.1	32.2	0.7	0.9	0.3	608.0	606.6	599.9	595.8	585.9
Slovak Republic	269	269	67.9	24.4	7.7	0.0	0.0	521.6	523.4	502.5	.	.
Slovenia	269	258	23.9	42.0	34.1	2.3	1.6	527.0	526.5	523.6	513.4	543.1
South Africa (5)	287	213	49.6	45.1	5.3	2.0	24.5	310.5	292.5	371.6	343.7	311.7
Spain	582	553	45.4	52.6	2.0	2.7	2.0	503.4	505.4	481.4	499.2	512.2
Sweden	250	193	15.8	61.2	23.0	7.8	14.5	542.3	536.4	532.4	499.0	529.4
Turkiye (5)	171	168	8.8	86.6	4.6	2.2	0.0	574.8	567.7	596.3	591.9	.
United Arab Emirates	1435	1195	58.4	39.7	1.9	2.4	11.2	515.9	470.0	505.5	468.6	481.2
United States	495	465	40.7	47.9	11.3	3.4	3.6	533.1	533.9	521.3	546.7	526.0
Uzbekistan	168	156	75.3	15.5	9.2	5.1	2.0	414.0	408.0	409.2	394.1	420.6
International Avg. (58)	17865	15351	50.7	37.8	11.5	4.0	9.3	496.2	493.4	500.2	490.9	491.4
Ontario, Canada	286	228	71.2	21.6	7.2	6.7	11.8	528.3	518.1	525.9	536.0	514.7
Quebec, Canada	215	185	40.8	45.1	14.1	2.7	8.0	504.3	508.8	509.1	511.0	512.1
Abu Dhabi, UAE	553	457	42.7	54.1	3.2	3.2	11.4	463.4	432.5	536.7	407.2	436.0
Dubai, UAE	359	306	69.9	29.3	0.7	2.1	9.4	573.7	548.7	484.3	547.0	534.8
Sharjah, UAE	284	221	65.2	33.8	1.0	2.4	14.9	515.9	487.6	443.8	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Life cycle stages of common plants and animals (e.g., flowering plants, frogs)
Location: TQS-09Ad (ATBS09AD)

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
Albania	123	90	47.0	36.9	16.1	6.1	17.7	494.9	469.0	496.3	506.4	507.0
Armenia	211	159	57.0	8.2	34.8	21.5	1.9	460.1	465.5	461.3	443.9	461.0
Australia	347	229	47.6	49.9	2.5	6.1	27.0	554.5	549.9	551.0	540.4	545.2
Azerbaijan	271	210	35.7	30.1	34.2	9.0	12.8	422.1	420.1	425.5	413.8	420.6
Bahrain	212	210	48.0	43.8	8.2	1.5	0.0	480.2	476.3	447.8	418.4	.
Belgium (Flemish)	278	207	27.9	41.2	31.0	2.7	19.7	489.3	489.5	495.4	490.7	477.0
Belgium (French)	344	275	38.0	38.5	23.5	4.4	14.9	488.7	481.8	472.3	501.3	466.6
Bosnia & Herzegovina	236	171	12.8	23.5	63.7	6.8	20.2	446.9	453.6	449.6	457.0	438.8
Brazil	1047	891	37.9	50.3	11.8	14.5	1.6	435.9	417.0	431.1	419.0	437.3
Bulgaria	208	203	12.0	88.0	0.0	1.0	1.0	516.8	532.2	.	464.7	515.0
Canada	917	791	54.7	32.0	13.3	4.6	9.4	526.2	513.2	521.1	529.1	515.2
Chile	178	160	70.6	23.6	5.8	2.2	7.1	482.1	471.9	479.9	491.9	471.0
Chinese Taipei	238	233	47.8	44.1	8.1	1.6	0.0	571.1	574.4	571.2	574.0	.
Cyprus	267	260	76.3	15.9	7.8	1.2	1.5	486.7	488.1	489.2	488.0	476.8
Czech Republic	344	337	24.1	65.6	10.3	0.9	1.1	524.1	526.4	530.8	470.2	525.8
Denmark	278	176	39.0	40.8	20.2	15.7	19.5	525.2	523.0	519.4	518.1	521.9
England	178	123	32.1	59.9	8.0	3.5	23.3	549.4	560.5	574.5	557.2	550.7
Finland	369	343	47.4	32.4	20.2	3.5	2.7	548.2	534.3	544.8	541.9	509.7
France	306	236	47.9	34.0	18.2	4.3	18.1	490.7	480.3	494.7	502.0	486.0
Georgia	218	212	10.5	83.4	6.0	2.1	0.0	449.6	465.3	476.2	494.2	.
Germany	243	193	67.1	17.5	15.4	5.7	13.5	518.1	507.5	508.5	520.1	517.8
Hong Kong SAR	182	121	50.9	20.7	28.5	0.8	31.3	532.5	565.5	539.9	594.6	552.3
Hungary	263	215	43.8	26.4	29.8	0.5	15.7	519.5	531.1	522.6	452.9	530.6
Iran, Islamic Rep. of	224	224	30.9	53.6	15.5	0.0	0.0	429.7	437.2	419.2	.	.
Ireland	239	235	57.2	34.1	8.7	1.0	0.4	533.5	528.2	534.2	545.8	537.9
Italy	266	261	43.3	53.6	3.1	1.2	0.7	508.2	511.6	532.6	495.7	504.4
Japan	142	136	20.0	62.8	17.2	3.4	1.6	561.1	554.7	547.3	552.6	568.6
Jordan	224	217	25.6	71.0	3.3	1.9	0.3	419.5	416.2	451.4	403.6	336.1
Kazakhstan	303	243	51.9	44.9	3.1	16.7	1.3	460.4	476.0	472.7	459.1	484.2
Korea, Rep. of	199	171	20.8	77.1	2.1	6.0	7.9	576.6	586.5	598.4	573.5	575.3
Kosovo	231	196	41.3	47.0	11.8	5.4	9.5	401.1	407.6	410.3	398.6	386.5
Kuwait	164	162	27.7	68.8	3.5	0.0	1.4	378.0	367.2	438.9	.	418.7
Latvia	213	205	19.2	77.5	3.3	0.3	3.8	510.4	530.0	535.6	476.9	508.2
Lithuania	250	243	70.2	26.1	3.7	1.5	0.5	538.1	533.0	537.6	538.2	572.4
Macao SAR	275	272	61.7	13.8	24.4	1.0	0.0	535.7	524.5	542.6	528.3	.
Montenegro	338	315	9.5	65.6	24.9	2.7	4.0	443.2	462.5	460.6	462.8	469.7
Morocco	303	269	54.9	39.1	6.0	3.5	5.9	403.6	377.8	355.4	418.8	366.6
Netherlands	188	110	32.7	40.8	26.6	6.1	32.9	510.1	523.7	517.6	507.6	517.3
New Zealand	396	193	50.1	30.1	19.8	4.3	45.2	526.1	520.5	526.0	517.6	508.5
North Macedonia	274	197	16.5	81.1	2.4	3.1	25.2	458.0	438.5	407.3	428.0	433.4
Norway (5)	314	205	32.9	26.4	40.7	5.2	26.6	538.3	530.8	532.0	526.4	522.7
Oman	287	269	76.3	10.5	13.2	3.3	2.6	429.8	448.0	436.6	426.5	442.7
Poland	267	259	5.4	7.5	87.1	2.6	0.7	552.6	550.8	549.2	556.5	572.0
Portugal	321	313	89.0	8.4	2.6	1.4	0.8	510.2	510.9	515.5	527.1	510.7
Qatar	283	275	31.9	58.5	9.6	1.0	2.3	483.6	468.9	431.6	514.7	543.2
Romania	188	119	46.0	53.5	0.5	3.4	34.2	522.1	542.4	536.9	519.4	514.4
Saudi Arabia	217	182	59.4	34.5	6.0	5.2	10.5	431.0	424.1	415.2	401.7	439.7
Serbia	213	211	54.9	16.8	28.3	0.7	0.0	511.3	501.3	511.9	515.6	.
Singapore	362	358	55.4	44.3	0.3	0.9	0.3	603.3	612.5	659.9	595.8	585.9
Slovak Republic	269	269	57.2	32.4	10.4	0.0	0.0	523.8	520.5	503.5	.	.
Slovenia	269	258	25.9	38.1	36.0	2.2	1.6	527.6	523.8	525.9	517.7	543.1
South Africa (5)	287	212	24.9	69.6	5.6	2.5	24.9	298.0	314.3	240.6	330.7	310.8
Spain	582	554	39.6	55.9	4.5	2.4	2.0	505.1	505.2	479.9	496.8	512.2
Sweden	250	193	24.5	55.7	19.8	7.8	14.5	538.4	534.6	539.2	499.0	529.4
Turkiye (5)	171	169	5.1	74.4	20.6	1.4	0.0	585.8	569.9	564.8	601.9	.
United Arab Emirates	1435	1194	41.8	54.8	3.5	2.5	11.2	479.0	515.8	429.7	470.1	481.2
United States	495	465	51.3	36.8	11.8	3.4	3.6	533.9	531.4	526.8	546.7	526.0
Uzbekistan	168	155	64.1	20.9	15.0	5.6	2.0	412.8	415.9	406.1	399.4	420.6
International Avg. (58)	17865	15354	41.3	43.0	15.7	4.0	9.3	494.7	495.1	492.9	493.5	491.4
Ontario, Canada	286	228	71.7	21.2	7.1	6.7	11.8	527.8	518.2	529.5	536.0	514.7
Quebec, Canada	215	185	33.5	51.3	15.2	2.7	8.0	508.4	505.5	508.9	511.0	512.1
Abu Dhabi, UAE	553	456	48.2	46.5	5.3	3.3	11.4	434.2	469.1	403.3	412.2	436.0
Dubai, UAE	359	306	34.0	64.6	1.4	2.1	9.4	551.0	574.5	513.4	547.0	534.8
Sharjah, UAE	284	221	40.0	57.7	2.3	2.4	14.9	488.4	520.1	446.6	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Inherited characteristics of living things
Location: TQS-09Ae (ATBS09AE)

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
Albania	123	91	21.2	40.5	38.3	5.6	17.7	499.5	488.9	475.4	501.8	507.0
Armenia	211	157	24.0	3.4	72.6	22.5	1.9	454.9	459.8	463.1	444.4	461.0
Australia	347	230	32.0	39.4	28.5	5.4	27.0	553.7	553.9	549.1	533.9	545.2
Azerbaijan	271	209	25.5	32.8	41.6	9.3	12.8	412.5	428.6	423.5	416.6	420.6
Bahrain	212	211	20.9	30.7	48.4	0.9	0.0	479.8	475.2	472.6	486.7	.
Belgium (Flemish)	278	207	6.7	13.7	79.6	2.7	19.7	466.1	498.8	492.1	490.7	477.0
Belgium (French)	344	273	7.8	12.1	80.1	4.9	14.9	481.9	482.7	482.3	497.0	466.6
Bosnia & Herzegovina	236	171	6.8	18.7	74.5	7.7	20.2	458.6	450.3	448.4	462.8	438.8
Brazil	1047	888	26.3	46.1	27.7	15.2	1.6	427.4	422.3	430.0	419.8	437.3
Bulgaria	208	198	7.7	49.7	42.6	3.7	1.0	522.1	534.6	527.4	508.5	515.0
Canada	917	788	28.1	31.0	40.9	4.9	9.4	527.1	520.2	518.5	526.7	515.2
Chile	178	160	38.6	29.4	32.0	2.2	7.1	475.0	475.7	489.2	485.8	471.0
Chinese Taipei	238	231	8.6	15.5	75.9	1.9	0.0	565.7	571.6	573.6	572.2	.
Cyprus	267	260	28.0	33.6	38.4	1.1	1.5	475.9	485.2	497.6	467.8	476.8
Czech Republic	344	336	4.1	15.5	80.3	1.1	1.1	530.8	520.8	527.2	478.7	525.8
Denmark	278	173	9.0	22.4	68.7	17.1	19.5	538.5	519.0	522.0	519.6	521.9
England	178	124	13.5	37.1	49.4	3.0	23.3	537.1	551.8	569.3	546.8	550.7
Finland	369	346	4.5	7.1	88.4	2.4	2.7	539.0	528.0	544.4	542.5	509.7
France	306	236	10.6	20.7	68.7	4.3	18.1	483.5	487.3	488.7	502.0	486.0
Georgia	218	209	11.3	41.4	47.3	2.8	0.0	449.8	471.9	462.1	471.4	.
Germany	243	193	8.2	9.1	82.7	5.5	13.5	524.6	524.5	513.1	515.8	517.8
Hong Kong SAR	182	120	26.2	13.9	60.0	1.2	31.3	540.5	541.5	541.8	575.5	552.3
Hungary	263	215	19.4	20.6	60.0	0.5	15.7	531.9	527.8	519.3	452.9	530.6
Iran, Islamic Rep. of	224	224	19.9	28.7	51.3	0.0	0.0	425.1	424.7	439.0	.	.
Ireland	239	235	28.3	34.2	37.5	1.3	0.4	533.0	535.7	527.5	534.1	537.9
Italy	266	260	6.5	34.7	58.8	1.4	0.7	510.1	501.1	516.4	504.3	504.4
Japan	142	135	2.1	10.7	87.2	4.2	1.6	549.2	553.9	555.1	550.0	568.6
Jordan	224	215	27.8	38.7	33.4	2.6	0.3	421.8	413.4	422.0	391.6	336.1
Kazakhstan	303	238	42.1	40.2	17.6	18.4	1.3	453.2	472.6	487.3	463.2	484.2
Korea, Rep. of	199	170	5.5	23.1	71.3	6.3	7.9	576.7	572.1	589.3	575.1	575.3
Kosovo	231	194	33.9	47.5	18.6	5.9	9.5	398.9	402.7	423.8	398.0	386.5
Kuwait	164	160	21.5	71.7	6.8	1.5	1.4	407.7	360.0	409.1	313.8	418.7
Latvia	213	204	16.9	64.4	18.7	0.5	3.8	510.8	533.4	516.9	483.3	508.2
Lithuania	250	243	43.2	21.4	35.4	1.5	0.5	537.5	534.1	537.6	533.9	572.4
Macao SAR	275	272	30.3	13.1	56.6	1.0	0.0	536.5	546.3	533.1	528.3	.
Montenegro	338	312	10.0	31.5	58.4	3.5	4.0	451.7	463.1	460.4	459.1	469.7
Morocco	303	273	10.7	81.6	7.8	2.0	5.9	405.3	387.9	399.5	441.0	366.6
Netherlands	188	110	10.6	18.8	70.7	6.1	32.9	511.6	519.4	518.1	507.6	517.3
New Zealand	396	191	24.2	33.8	42.0	4.7	45.2	515.9	522.2	531.1	518.4	508.5
North Macedonia	274	197	15.2	62.5	22.2	3.1	25.2	445.6	437.7	446.9	428.0	433.4
Norway (5)	314	203	14.1	16.8	69.2	6.0	26.6	540.3	534.0	532.0	530.5	522.7
Oman	269	269	39.6	10.0	50.4	3.0	2.6	433.3	431.0	432.2	428.9	442.7
Poland	267	258	0.0	4.3	95.7	3.4	0.7	.	541.1	549.5	564.4	572.0
Portugal	321	313	79.9	10.4	9.7	1.4	0.8	511.5	507.0	504.7	527.1	510.7
Qatar	283	276	19.3	28.2	52.6	1.0	2.3	498.6	487.7	450.7	479.1	543.2
Romania	188	120	32.9	59.0	8.1	3.1	34.2	524.8	533.0	565.8	519.9	514.4
Saudi Arabia	217	182	21.4	46.6	32.0	5.2	10.5	414.1	432.4	429.8	401.7	439.7
Serbia	213	209	27.6	19.1	53.3	1.4	0.0	507.5	506.3	512.5	506.0	.
Singapore	362	357	30.6	6.6	62.8	1.2	0.3	603.5	602.0	610.2	588.9	585.9
Slovak Republic	269	269	24.3	16.5	59.1	0.0	0.0	529.1	527.6	515.1	.	.
Slovenia	269	259	5.5	66.9	27.7	1.9	1.6	531.6	525.8	523.7	516.7	543.1
South Africa (5)	287	210	27.5	43.4	29.2	3.0	24.9	300.4	315.0	301.9	301.5	310.8
Spain	582	551	24.9	40.5	34.6	2.4	2.0	501.0	504.2	506.1	496.3	512.2
Sweden	250	192	10.9	16.9	72.2	8.0	14.5	531.3	540.2	536.6	498.6	529.4
Turkiye (5)	171	168	1.8	29.1	69.1	2.1	0.0	588.8	576.1	567.0	572.2	.
United Arab Emirates	1435	1191	34.9	40.7	24.4	2.7	11.2	492.5	501.4	499.0	464.8	481.2
United States	495	462	26.2	44.7	29.1	4.0	3.6	534.6	529.7	536.6	526.0	526.0
Uzbekistan	168	154	38.1	23.8	38.1	6.1	2.0	408.5	412.9	415.8	401.7	420.6
International Avg. (58)	17865	15302	20.6	30.4	48.9	4.2	9.3	493.3	495.0	497.1	488.8	491.4
Ontario, Canada	286	226	38.0	42.1	19.9	7.3	11.8	527.4	526.0	524.2	532.2	514.7
Quebec, Canada	215	185	11.6	19.0	69.4	2.7	8.0	522.6	498.5	506.7	511.0	512.1
Abu Dhabi, UAE	553	457	35.6	38.3	26.2	3.2	11.4	433.0	457.1	458.7	407.2	436.0
Dubai, UAE	359	304	33.1	45.7	21.2	2.5	9.4	566.5	563.8	570.9	531.9	534.8
Sharjah, UAE	284	221	38.5	36.1	25.4	2.4	14.9	499.4	503.3	518.7	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: How living things survive in their environments (e.g., physical characteristics, behaviors)
Location: TQS-09Af (ATBS09Af)

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
Albania	123	91	28.6	65.0	6.4	5.6	17.7	494.6	481.7	491.3	501.8	507.0
Armenia	211	157	46.2	16.1	37.7	22.0	1.9	461.6	461.8	460.1	443.8	461.0
Australia	347	230	21.5	62.8	15.7	5.4	27.0	561.7	548.4	556.5	533.9	545.2
Azerbaijan	271	208	35.5	49.0	15.5	10.2	12.8	421.1	424.6	424.0	410.4	420.6
Bahrain	212	210	31.1	64.9	4.0	1.4	0.0	481.4	471.1	465.2	539.1	.
Belgium (Flemish)	278	207	9.7	55.2	35.1	2.6	19.7	490.7	489.0	494.9	493.1	477.0
Belgium (French)	344	276	9.2	23.7	67.1	4.2	14.9	484.7	480.4	482.6	500.3	466.6
Bosnia & Herzegovina	236	171	18.3	32.9	48.7	7.0	20.2	460.9	452.0	444.4	459.8	438.8
Brazil	1047	885	28.5	60.6	10.8	14.9	1.6	437.3	425.5	397.7	419.1	437.3
Bulgaria	208	203	37.4	59.7	2.9	1.4	1.0	548.0	522.2	454.5	515.7	515.0
Canada	917	788	20.3	60.8	18.8	4.8	9.4	526.6	521.8	513.9	529.7	515.2
Chile	178	161	19.9	63.5	16.6	1.5	7.1	471.6	483.1	476.8	486.4	471.0
Chinese Taipei	238	234	29.1	65.8	5.1	1.2	0.0	572.8	571.5	584.8	580.0	.
Cyprus	267	261	14.1	81.8	4.1	0.8	1.5	496.5	484.0	521.1	475.2	476.8
Czech Republic	344	337	11.6	63.2	25.2	0.6	1.1	516.4	527.7	526.9	464.3	525.8
Denmark	278	175	24.0	47.6	28.4	16.4	19.5	531.7	518.6	521.3	520.8	521.9
England	178	123	31.6	37.8	30.6	3.7	23.3	559.9	550.6	565.3	557.4	550.7
Finland	369	347	29.0	43.0	28.0	2.1	2.7	544.9	542.0	542.3	545.0	509.7
France	306	234	14.5	40.4	45.2	4.8	18.1	485.5	488.2	489.0	495.3	486.0
Georgia	218	212	29.7	51.9	18.4	1.6	0.0	468.4	461.3	469.2	473.2	.
Germany	243	193	39.2	23.8	37.1	5.8	13.5	521.0	516.0	509.1	511.1	517.8
Hong Kong SAR	182	121	35.7	34.9	29.5	0.8	31.3	536.5	529.7	561.2	594.6	552.3
Hungary	263	213	36.5	32.1	31.3	1.1	15.7	528.3	517.6	523.4	502.4	530.6
Iran, Islamic Rep. of	224	223	17.9	49.3	32.8	0.5	0.0	423.7	432.3	436.7	413.4	.
Ireland	239	236	24.7	58.0	17.3	0.7	0.4	537.4	530.5	527.9	550.0	537.9
Italy	266	261	10.3	58.2	31.5	1.2	0.7	514.5	507.3	515.9	495.7	504.4
Japan	142	135	10.0	37.9	52.1	4.2	1.6	559.0	554.4	554.3	550.0	568.6
Jordan	224	217	29.0	53.6	17.4	1.9	0.3	424.5	412.2	426.2	403.6	336.1
Kazakhstan	303	240	51.6	38.7	9.7	17.6	1.3	468.1	471.9	444.4	461.9	484.2
Korea, Rep. of	199	171	6.4	72.0	21.6	6.0	7.9	590.6	583.7	586.1	573.5	575.3
Kosovo	231	194	34.9	44.6	20.4	6.0	9.5	393.4	405.4	425.8	397.6	386.5
Kuwait	164	161	33.4	55.4	11.1	0.6	1.4	366.2	378.1	365.6	371.3	418.7
Latvia	213	205	25.7	50.8	23.4	0.3	3.8	522.4	530.4	521.9	476.9	508.2
Lithuania	250	243	50.3	46.0	3.6	1.6	0.5	537.0	537.7	511.7	557.1	572.4
Macao SAR	275	272	45.5	26.1	28.5	1.0	0.0	532.4	548.9	529.5	528.3	.
Montenegro	338	314	20.7	52.7	26.6	2.8	4.0	455.1	465.6	453.9	458.9	469.7
Morocco	303	272	9.5	78.8	11.7	1.9	5.9	373.8	393.9	381.3	449.3	366.6
Netherlands	188	110	14.6	44.1	41.3	6.1	32.9	505.5	518.3	521.3	507.6	517.3
New Zealand	396	192	22.0	57.5	20.5	4.4	45.2	534.1	519.6	526.5	519.9	508.5
North Macedonia	274	195	23.3	68.4	8.3	3.7	25.2	459.5	435.5	437.8	423.1	433.4
Norway (5)	314	204	22.5	39.0	38.5	5.8	26.6	532.2	534.1	533.8	529.7	522.7
Oman	287	267	49.0	38.2	12.7	4.0	2.6	430.6	440.2	421.0	416.6	442.7
Poland	267	259	1.8	57.0	41.2	2.7	0.7	550.0	549.7	549.3	556.0	572.0
Portugal	321	312	83.2	13.9	2.9	1.7	0.8	511.4	507.4	494.0	528.5	510.7
Qatar	283	276	31.2	51.8	16.9	0.8	2.3	462.9	479.2	456.1	501.4	543.2
Romania	188	120	50.0	46.3	3.6	3.1	34.2	527.3	537.1	558.1	519.9	514.4
Saudi Arabia	217	179	41.1	49.0	9.9	6.6	10.5	431.0	423.7	431.9	409.2	439.7
Serbia	213	211	65.3	25.9	8.8	0.7	0.0	511.3	506.4	508.9	515.6	.
Singapore	362	357	17.4	3.7	78.9	1.2	0.3	608.8	613.6	606.9	599.2	585.9
Slovak Republic	269	267	24.7	62.5	12.8	0.5	0.0	529.0	525.0	485.1	454.6	.
Slovenia	269	258	14.1	60.4	25.5	2.4	1.6	526.2	526.6	522.1	523.5	543.1
South Africa (5)	287	211	25.6	64.7	9.7	2.7	24.5	315.4	310.4	255.0	318.1	311.7
Spain	582	553	30.1	54.5	15.4	2.5	2.0	505.9	503.2	503.8	495.5	512.2
Sweden	250	193	10.4	54.6	35.0	7.8	14.5	530.4	537.1	537.1	499.0	529.4
Turkiye (5)	171	169	12.5	46.2	41.3	1.4	0.0	600.5	568.6	561.5	601.9	.
United Arab Emirates	1435	1195	32.1	63.6	4.2	2.4	11.2	496.7	496.7	514.7	468.6	481.2
United States	495	465	19.9	68.2	11.9	3.4	3.6	535.8	532.9	522.0	546.7	526.0
Uzbekistan	168	155	57.6	22.5	19.9	5.6	2.0	413.1	415.0	407.6	399.4	420.6
International Avg. (58)	17865	15329	27.9	49.2	22.9	4.1	9.3	496.9	494.9	491.6	492.6	491.4
Ontario, Canada	286	227	13.3	76.0	10.7	7.0	11.8	518.1	525.4	537.9	537.4	514.7
Quebec, Canada	215	184	19.1	54.9	25.9	2.8	8.0	511.9	509.4	498.5	509.0	512.1
Abu Dhabi, UAE	553	457	31.0	65.0	4.0	3.2	11.4	455.1	440.8	535.3	407.2	436.0
Dubai, UAE	359	306	31.0	64.6	4.3	2.1	9.4	563.4	567.3	557.5	547.0	534.8
Sharjah, UAE	284	221	33.6	61.1	5.3	2.4	14.9	489.9	518.0	463.5	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: How human actions impact the environment
Location: TQS-09Ag (ATBS09AG)

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
Albania	123	91	43.7	51.3	5.0	5.6	17.7	491.2	481.3	488.8	501.8	507.0
Armenia	211	160	46.8	44.3	8.8	21.1	1.9	463.9	455.7	473.1	443.2	461.0
Australia	347	230	16.8	76.8	6.4	5.4	27.0	558.0	552.3	540.4	533.9	545.2
Azerbaijan	271	211	56.8	41.4	1.8	8.4	12.8	418.3	429.6	395.2	414.0	420.6
Bahrain	212	211	26.0	69.9	4.1	0.9	0.0	476.9	473.6	484.3	486.7	.
Belgium (Flemish)	278	209	14.8	70.0	15.3	2.3	19.7	486.6	494.5	479.5	498.9	477.0
Belgium (French)	344	275	13.1	40.6	46.3	4.4	14.9	490.1	479.5	482.8	496.5	466.6
Bosnia & Herzegovina	236	172	43.1	52.0	5.0	6.5	20.2	452.9	447.4	454.1	458.1	438.8
Brazil	1047	890	23.2	71.8	4.9	14.5	1.6	430.4	427.2	385.9	418.5	437.3
Bulgaria	208	198	60.4	38.5	1.1	3.4	1.0	545.9	513.1	382.5	481.8	515.0
Canada	917	789	14.3	73.3	12.5	4.8	9.4	521.9	521.8	518.0	529.1	515.2
Chile	178	161	28.4	64.9	6.7	1.5	7.1	475.3	480.5	491.6	486.4	471.0
Chinese Taipei	238	234	31.3	64.8	3.9	1.2	0.0	573.8	572.2	568.3	580.0	.
Cyprus	267	260	23.9	55.2	20.9	1.1	1.5	493.9	482.0	494.1	467.8	476.8
Czech Republic	344	338	33.1	58.9	8.0	0.3	1.1	523.4	529.0	518.6	385.8	525.8
Denmark	278	175	16.5	70.0	13.5	16.3	19.5	528.1	524.1	510.8	519.0	521.9
England	178	124	29.5	46.0	24.5	3.0	23.3	551.3	558.2	567.6	546.8	550.7
Finland	369	346	35.0	60.8	4.2	2.5	2.7	545.7	542.2	533.2	539.1	509.7
France	306	237	10.5	64.6	24.9	4.0	18.1	495.4	487.3	486.9	499.3	486.0
Georgia	218	214	46.7	38.0	15.4	1.0	0.0	467.2	464.2	458.8	481.8	.
Germany	243	195	32.7	60.8	6.6	4.9	13.5	512.6	518.5	497.0	513.8	517.8
Hong Kong SAR	182	121	26.3	61.6	12.1	0.8	31.3	533.6	536.7	582.5	594.6	552.3
Hungary	263	215	56.9	36.1	7.0	0.5	15.7	528.8	516.7	515.0	452.9	530.6
Iran, Islamic Rep. of	224	224	22.5	74.4	3.1	0.0	0.0	433.4	432.3	417.8	.	.
Ireland	239	236	24.9	70.9	4.1	0.8	0.4	536.8	530.4	525.1	544.3	537.9
Italy	266	260	29.4	61.0	9.5	1.4	0.7	503.8	515.6	503.6	484.8	504.4
Japan	142	135	4.2	19.6	76.2	4.2	1.6	542.6	558.1	554.6	550.0	568.6
Jordan	224	215	40.6	51.2	8.2	2.9	0.3	425.6	416.7	404.9	370.3	336.1
Kazakhstan	303	240	64.2	35.4	0.4	17.5	1.3	466.4	468.8	424.5	462.7	484.2
Korea, Rep. of	199	170	14.3	61.3	24.3	6.5	7.9	594.5	582.7	584.5	572.0	575.3
Kosovo	231	197	33.1	65.9	0.9	5.3	9.5	400.0	407.7	415.8	398.3	386.5
Kuwait	164	161	46.6	44.5	8.9	0.6	1.4	356.4	392.5	359.9	360.6	418.7
Latvia	213	205	42.2	32.9	24.9	0.3	3.8	528.0	529.9	518.9	476.9	508.2
Lithuania	250	244	49.3	50.2	0.5	1.1	0.5	532.3	541.5	477.3	545.2	572.4
Macao SAR	275	271	49.2	36.9	13.9	1.4	0.0	528.7	546.1	535.0	520.7	.
Montenegro	338	315	47.6	49.0	3.4	2.8	4.0	457.1	463.5	457.3	461.5	469.7
Morocco	303	273	22.4	73.3	4.2	0.8	5.9	381.8	396.2	352.6	456.1	366.6
Netherlands	188	111	9.6	77.7	12.7	5.7	32.9	497.5	520.6	514.6	507.1	517.3
New Zealand	396	192	17.6	73.6	8.8	4.4	45.2	518.3	525.1	528.3	519.9	508.5
North Macedonia	274	196	33.5	61.9	4.6	3.2	25.2	455.0	430.8	471.2	432.6	433.4
Norway (5)	314	204	25.8	60.6	13.6	5.5	26.6	534.1	534.5	529.0	528.4	522.7
Oman	287	270	44.4	49.3	6.2	2.9	2.6	426.7	441.0	407.1	427.0	442.7
Poland	267	260	12.5	70.6	16.9	2.3	0.7	555.1	547.2	555.6	554.2	572.0
Portugal	321	314	50.3	46.7	3.1	1.2	0.8	508.0	511.5	532.0	531.4	510.7
Qatar	283	277	21.1	58.6	20.4	0.6	2.3	476.3	480.5	433.5	544.3	543.2
Romania	188	119	68.3	31.7	0.0	3.5	34.2	529.0	541.2	.	522.7	514.4
Saudi Arabia	217	182	40.8	52.4	6.8	5.2	10.5	429.2	430.6	395.9	401.7	439.7
Serbia	213	210	70.0	30.0	0.0	1.5	0.0	510.1	510.9	.	477.6	.
Singapore	362	358	3.4	3.9	92.7	0.9	0.3	595.8	580.6	609.1	595.8	585.9
Slovak Republic	269	269	41.9	49.5	8.6	0.0	0.0	525.2	521.3	494.1	.	.
Slovenia	269	257	33.4	61.7	4.9	2.6	1.6	531.8	522.8	520.4	513.1	543.1
South Africa (5)	287	209	18.4	52.2	29.4	3.6	24.5	341.4	306.0	287.6	298.8	311.7
Spain	582	554	40.1	56.2	3.7	2.6	2.0	504.0	503.5	508.4	503.8	512.2
Sweden	250	193	11.7	74.5	13.8	7.8	14.5	540.3	534.6	542.8	499.0	529.4
Turkiye (5)	171	169	15.5	78.3	6.3	1.4	0.0	575.1	569.9	553.7	601.9	.
United Arab Emirates	1435	1194	37.1	54.6	8.3	2.5	11.2	511.9	490.6	478.5	468.9	481.2
United States	495	465	17.0	69.2	13.8	3.4	3.6	526.4	534.5	527.7	546.7	526.0
Uzbekistan	168	155	60.0	33.1	6.9	5.6	2.0	417.2	405.9	402.9	399.4	420.6
International Avg. (58)	17865	15360	32.6	54.9	12.5	3.9	9.3	495.9	495.1	484.5	489.4	491.4
Ontario, Canada	286	227	12.2	77.0	10.8	6.9	11.8	516.0	527.1	527.9	536.8	514.7
Quebec, Canada	215	184	20.8	61.8	17.4	2.9	8.0	512.4	502.8	515.8	509.1	512.1
Abu Dhabi, UAE	553	457	30.0	60.5	9.6	3.2	11.4	445.7	450.1	452.3	407.2	436.0
Dubai, UAE	359	306	44.6	49.6	5.8	2.1	9.4	579.2	557.7	530.8	547.0	534.8
Sharjah, UAE	284	221	41.6	49.2	9.2	2.4	14.9	507.5	506.0	496.0	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Common ecosystems and their organisms
(e.g., forest, desert)
Location: TQS-09Ah (ATBS09AH)

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
Albania	123	91	26.5	49.6	24.0	5.6	17.7	498.5	485.7	472.7	501.8	507.0
Armenia	211	159	32.4	40.6	27.0	21.6	1.9	457.6	460.3	465.9	443.9	461.0
Australia	347	230	15.7	59.0	25.2	5.4	27.0	556.6	553.7	547.0	533.9	545.2
Azerbaijan	271	207	29.9	62.6	7.5	9.8	12.8	416.5	427.9	400.0	416.7	420.6
Bahrain	212	211	30.7	61.4	7.9	0.9	0.0	483.3	469.7	482.7	486.7	.
Belgium (Flemish)	278	207	12.8	36.7	50.5	2.7	19.7	492.6	491.5	490.8	490.7	477.0
Belgium (French)	344	275	10.3	25.0	64.7	4.6	14.9	473.7	483.3	483.1	500.2	466.6
Bosnia & Herzegovina	236	169	39.4	20.8	39.8	8.1	20.2	458.4	445.8	442.7	461.8	438.8
Brazil	1047	887	18.5	55.4	26.1	15.0	1.6	442.2	425.6	416.0	417.4	437.3
Bulgaria	208	203	22.3	66.3	11.4	0.9	1.0	538.6	529.9	514.5	488.5	515.0
Canada	917	788	14.4	58.7	26.9	4.8	9.4	521.0	521.3	521.7	529.1	515.2
Chile	178	161	19.2	66.0	14.7	1.5	7.1	478.1	481.1	476.0	486.4	471.0
Chinese Taipei	238	234	21.2	40.9	37.9	1.2	0.0	566.9	576.9	571.0	580.0	.
Cyprus	267	260	18.6	63.6	17.7	1.3	1.5	497.6	483.1	490.3	491.3	476.8
Czech Republic	344	338	12.4	80.1	7.5	0.3	1.1	520.3	526.4	535.6	385.8	525.8
Denmark	177	177	27.4	45.4	27.2	15.6	19.5	518.6	521.3	528.3	520.9	521.9
England	178	123	39.6	40.7	19.7	3.5	23.3	560.6	555.8	557.4	557.2	550.7
Finland	369	346	17.4	36.9	45.7	2.4	2.7	545.8	543.5	541.5	542.5	509.7
France	306	234	12.3	33.7	54.0	5.0	18.1	489.4	489.2	487.4	493.9	486.0
Georgia	218	211	30.9	27.1	42.0	2.1	0.0	464.3	471.0	461.5	466.3	.
Germany	243	194	55.6	30.1	14.3	5.4	13.5	514.5	514.1	517.6	519.5	517.8
Hong Kong SAR	182	121	21.0	57.9	21.2	0.8	31.3	542.4	538.1	549.7	594.6	552.3
Hungary	263	215	43.2	27.7	29.2	0.5	15.7	530.2	518.4	518.4	452.9	530.6
Iran, Islamic Rep. of	224	224	19.2	62.4	18.4	0.0	0.0	430.8	441.7	401.0	.	.
Ireland	239	236	19.3	51.6	29.1	0.9	0.4	536.5	531.5	528.8	554.7	537.9
Italy	266	261	21.1	50.1	28.8	1.2	0.7	508.6	511.7	510.7	495.7	504.4
Japan	142	135	4.8	22.4	72.7	4.2	1.6	546.1	556.5	554.9	550.0	568.6
Jordan	224	215	43.1	47.6	9.3	2.2	0.3	417.8	415.7	435.6	396.6	336.1
Kazakhstan	303	242	46.9	42.2	10.9	17.0	1.3	464.3	470.2	469.9	461.0	484.2
Korea, Rep. of	199	171	11.7	50.5	37.7	6.0	7.9	573.4	585.1	587.7	573.5	575.3
Kosovo	231	196	31.7	43.1	25.2	5.4	9.5	403.0	403.0	411.7	399.7	386.5
Kuwait	164	162	30.5	62.9	6.6	0.0	1.4	367.1	369.2	431.7	.	418.7
Latvia	213	205	43.5	15.7	40.8	0.3	3.8	526.6	526.0	526.3	476.9	508.2
Lithuania	243	230	33.0	52.2	14.8	1.2	0.5	538.5	532.6	547.4	540.5	572.4
Macao SAR	275	272	33.1	52.5	14.4	1.0	0.0	535.9	536.9	532.1	528.3	.
Montenegro	338	314	22.6	55.6	21.8	2.9	4.0	467.4	458.0	458.6	461.8	469.7
Morocco	303	268	18.5	55.1	26.4	3.6	5.9	370.9	394.0	392.0	454.8	366.6
Netherlands	188	111	9.8	42.1	48.1	5.7	32.9	505.6	522.0	516.3	507.1	517.3
New Zealand	396	193	22.3	44.9	32.9	4.3	45.2	524.7	523.1	526.1	517.6	508.5
North Macedonia	274	194	28.2	49.3	22.5	3.7	25.2	454.3	436.7	434.2	426.7	433.4
Norway (5)	314	206	21.1	37.6	41.3	4.9	26.6	535.7	534.7	531.6	527.8	522.7
Oman	287	268	52.7	32.0	15.3	3.6	2.6	421.8	446.9	441.2	421.9	442.7
Poland	267	259	5.5	60.0	34.5	2.7	0.7	538.0	551.2	548.4	555.9	572.0
Portugal	321	314	59.0	31.2	9.8	1.2	0.8	509.2	514.7	503.8	531.4	510.7
Qatar	283	277	23.4	62.5	14.1	0.6	2.3	488.2	463.5	468.8	544.3	543.2
Romania	188	119	44.3	52.9	2.8	4.1	34.2	530.9	536.7	532.9	506.7	514.4
Saudi Arabia	217	180	36.9	57.7	5.4	6.7	10.5	426.4	433.8	393.0	392.7	439.7
Serbia	213	211	66.5	26.9	6.6	0.7	0.0	508.4	514.1	506.3	515.6	.
Singapore	362	358	2.2	2.7	95.1	0.9	0.3	549.6	602.6	609.0	595.8	585.9
Slovak Republic	269	269	10.7	70.5	18.8	0.0	0.0	529.3	526.7	492.7	.	.
Slovenia	269	259	34.5	26.8	38.7	1.9	1.6	526.8	523.1	526.1	516.7	543.1
South Africa (5)	287	210	22.3	56.7	21.0	3.7	24.5	300.6	308.3	287.8	391.5	311.7
Spain	582	551	32.1	43.5	24.3	2.8	2.0	505.1	503.6	502.7	503.5	512.2
Sweden	250	193	6.9	61.5	31.6	7.8	14.5	535.6	537.2	535.2	499.0	529.4
Turkiye (5)	171	168	1.9	68.4	29.7	2.1	0.0	589.1	566.7	576.5	572.2	.
United Arab Emirates	1435	1192	41.6	50.9	7.5	2.6	11.2	492.5	504.8	479.0	460.3	481.2
United States	495	464	31.9	49.7	18.4	3.8	3.6	540.0	532.2	521.2	533.1	526.0
Uzbekistan	168	155	41.0	54.5	4.5	5.6	2.0	420.1	407.6	401.0	399.4	420.6
International Avg. (58)	17865	15336	26.6	47.1	26.2	4.0	9.3	494.6	495.4	493.0	494.1	491.4
Ontario, Canada	286	227	7.6	81.6	10.9	6.9	11.8	524.0	525.5	529.2	536.8	514.7
Quebec, Canada	215	184	20.7	40.2	39.1	2.9	8.0	502.1	510.7	505.9	509.1	512.1
Abu Dhabi, UAE	553	454	44.4	47.7	7.9	3.6	11.4	433.1	465.2	448.0	396.9	436.0
Dubai, UAE	359	306	41.7	52.4	5.9	2.1	9.4	565.7	567.4	550.9	547.0	534.8
Sharjah, UAE	284	221	39.2	52.1	8.7	2.4	14.9	506.3	511.9	465.5	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Interpreting simple food chains
Location: TQS-09Ai (ATBS09AI)

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
Albania	123	90	23.5	48.4	28.1	6.5	17.7	493.3	486.9	479.5	495.6	507.0
Armenia	211	158	65.1	16.8	18.0	21.9	1.9	462.8	460.3	454.3	444.6	461.0
Australia	347	230	25.8	42.6	31.6	5.4	27.0	555.0	556.4	545.2	533.9	545.2
Azerbaijan	271	209	33.6	53.6	12.8	9.0	12.8	415.8	432.4	398.0	415.9	420.6
Bahrain	212	211	34.6	55.1	10.3	0.9	0.0	494.4	462.4	476.0	486.7	.
Belgium (Flemish)	278	208	21.1	41.0	37.9	2.5	19.7	485.6	492.5	493.1	492.0	477.0
Belgium (French)	344	278	23.7	43.0	33.3	4.0	14.9	480.2	484.5	480.8	501.9	466.6
Bosnia & Herzegovina	236	169	49.3	29.2	21.5	8.3	20.2	450.1	447.1	450.4	463.5	438.8
Brazil	1047	889	14.2	77.0	8.8	14.5	1.6	422.0	429.6	399.3	418.8	437.3
Bulgaria	208	203	69.1	30.4	0.5	1.0	1.0	538.4	511.2	519.8	498.2	515.0
Canada	917	789	19.3	58.5	22.2	4.7	9.4	518.7	521.1	524.1	529.7	515.2
Chile	178	161	22.3	54.5	23.2	1.5	7.1	475.9	483.0	475.9	486.4	471.0
Chinese Taipei	238	234	16.0	47.1	37.0	1.2	0.0	571.3	574.2	570.9	580.0	.
Cyprus	267	258	68.3	26.4	5.4	2.4	1.5	481.7	499.5	501.4	475.0	476.8
Czech Republic	344	338	29.5	56.8	13.7	0.3	1.1	524.8	525.8	531.8	385.8	525.8
Denmark	278	176	33.1	47.2	19.7	15.9	19.5	525.9	522.2	518.0	520.3	521.9
England	178	124	75.9	11.7	12.4	3.0	23.3	560.0	569.4	539.1	546.8	550.7
Finland	369	348	44.1	46.3	9.5	1.7	2.7	542.2	544.2	541.5	535.8	509.7
France	306	236	47.0	30.2	22.8	4.4	18.1	485.2	494.0	487.3	493.2	486.0
Georgia	218	215	22.3	32.8	44.9	0.9	0.0	467.6	472.5	457.9	476.5	.
Germany	243	193	47.7	24.9	27.4	5.6	13.5	520.9	509.3	510.3	515.5	517.8
Hong Kong SAR	182	121	24.3	25.8	49.9	0.8	31.3	532.9	548.9	541.7	594.6	552.3
Hungary	263	215	68.5	17.8	13.7	0.5	15.7	526.4	521.7	511.0	452.9	530.6
Iran, Islamic Rep. of	224	223	16.5	71.2	12.3	0.4	0.0	413.4	438.3	427.2	262.0	.
Ireland	239	236	36.0	36.7	27.3	1.4	0.4	536.5	530.6	528.6	509.3	537.9
Italy	266	261	32.0	39.5	28.4	1.2	0.7	504.6	516.2	510.1	495.7	504.4
Japan	142	135	2.9	12.0	85.1	4.2	1.6	543.8	560.8	554.3	550.0	568.6
Jordan	224	216	46.2	44.7	9.1	2.5	0.3	424.4	408.4	444.3	375.8	336.1
Kazakhstan	303	237	48.7	50.0	1.3	18.4	1.3	458.4	475.2	482.3	462.7	484.2
Korea, Rep. of	199	171	15.2	21.5	63.3	6.0	7.9	579.5	580.4	587.4	573.5	575.3
Kosovo	231	196	33.9	43.8	22.3	6.1	9.5	405.8	404.2	408.0	394.7	386.5
Kuwait	164	162	43.3	48.3	8.4	0.0	1.4	373.7	366.6	402.5	.	418.7
Latvia	213	205	44.4	27.2	28.4	0.3	3.8	529.4	524.9	523.1	476.9	508.2
Lithuania	250	242	74.5	23.9	1.7	2.1	0.5	534.2	542.9	551.2	545.1	572.4
Macao SAR	275	272	35.2	21.6	43.2	1.0	0.0	538.7	546.1	528.4	528.3	.
Montenegro	338	314	27.2	64.1	8.7	2.8	4.0	457.8	464.4	436.9	462.1	469.7
Morocco	303	274	21.2	71.2	7.6	0.6	5.9	397.3	391.6	375.4	419.4	366.6
Netherlands	188	110	12.7	52.6	34.8	6.1	32.9	514.1	522.0	512.4	507.6	517.3
New Zealand	396	192	31.1	34.9	34.0	4.5	45.2	525.7	519.0	528.5	518.9	508.5
North Macedonia	274	193	25.4	55.9	18.7	4.4	25.2	455.2	429.5	460.6	417.1	433.4
Norway (5)	314	206	24.0	35.1	41.0	4.9	26.6	542.6	530.6	531.0	527.8	522.7
Oman	287	268	44.4	21.9	33.8	3.8	2.6	421.4	457.8	432.4	415.0	442.7
Poland	267	260	6.6	85.5	7.9	2.3	0.7	559.7	548.9	548.1	554.2	572.0
Portugal	321	314	82.9	13.6	3.5	1.2	0.8	509.8	519.8	486.9	531.4	510.7
Qatar	283	275	32.3	28.4	39.3	1.8	2.3	493.2	481.4	444.2	465.1	543.2
Romania	188	120	26.2	62.7	11.1	3.1	34.2	530.2	534.7	529.5	519.9	514.4
Saudi Arabia	217	182	37.3	60.7	2.0	5.2	10.5	428.1	426.5	453.2	401.7	439.7
Serbia	213	210	86.1	13.5	0.4	1.3	0.0	510.0	507.0	535.5	520.0	.
Singapore	362	358	2.1	2.2	95.7	0.9	0.3	567.8	602.4	608.5	595.8	585.9
Slovak Republic	269	269	18.8	57.1	24.1	0.0	0.0	526.6	525.5	504.2	.	.
Slovenia	269	257	27.9	24.5	47.6	2.8	1.6	525.4	523.6	526.8	516.2	543.1
South Africa (5)	287	213	21.9	74.4	3.7	2.1	24.5	319.2	304.0	262.1	338.5	311.7
Spain	582	552	33.1	42.0	24.9	2.7	2.0	505.5	503.8	501.8	503.9	512.2
Sweden	250	193	15.6	68.8	15.6	7.8	14.5	537.2	536.0	537.7	499.0	529.4
Turkiye (5)	171	169	3.6	44.8	51.5	1.4	0.0	579.5	570.5	568.3	601.9	.
United Arab Emirates	1435	1192	55.7	31.1	13.2	2.5	11.2	506.4	498.9	457.3	466.9	481.2
United States	495	463	29.2	44.3	26.5	4.0	3.6	539.1	531.3	527.6	534.3	526.0
Uzbekistan	168	155	63.4	26.2	10.5	5.6	2.0	417.0	406.2	400.4	399.4	420.6
International Avg. (58)	17865	15348	35.1	40.9	24.0	4.0	9.3	495.6	496.2	491.8	486.3	491.4
Ontario, Canada	286	227	9.9	74.5	15.5	6.9	11.8	513.9	526.8	528.6	536.8	514.7
Quebec, Canada	215	185	24.0	54.5	21.4	2.7	8.0	505.4	509.0	503.7	511.0	512.1
Abu Dhabi, UAE	553	456	47.1	33.9	19.0	3.3	11.4	442.1	470.1	428.2	407.2	436.0
Dubai, UAE	359	306	62.0	29.3	8.7	2.1	9.4	574.3	563.9	510.4	547.0	534.8
Sharjah, UAE	284	221	62.8	23.8	13.4	2.4	14.9	513.9	492.0	491.5	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Competition within ecosystems
Location: TQS-09Aj (ATBS09Aj)

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
Albania	123	91	17.8	30.4	51.8	5.6	17.7	511.8	482.8	479.1	501.8	507.0
Armenia	211	154	21.8	16.1	62.0	24.4	1.9	461.7	454.8	461.3	447.8	461.0
Australia	347	229	11.5	39.9	48.6	5.7	27.0	556.1	552.6	551.5	535.3	545.2
Azerbaijan	271	205	17.3	43.0	39.8	11.2	12.8	414.4	432.4	415.6	415.7	420.6
Bahrain	212	209	24.5	58.3	17.1	1.8	0.0	483.4	464.4	498.7	477.2	.
Belgium (Flemish)	278	207	6.2	17.3	76.5	2.7	19.7	489.2	506.8	488.0	490.7	477.0
Belgium (French)	344	272	4.7	8.4	86.9	5.3	14.9	490.0	484.9	481.9	493.1	466.6
Bosnia & Herzegovina	236	171	4.0	12.0	84.0	7.2	20.2	462.6	452.3	449.3	456.1	438.8
Brazil	1047	888	9.5	55.9	34.6	14.7	1.6	400.8	435.9	416.7	418.5	437.3
Bulgaria	208	202	16.4	45.4	38.2	1.4	1.0	552.9	527.0	524.4	493.1	515.0
Canada	917	787	10.6	42.6	46.8	5.0	9.4	515.2	523.7	520.7	527.6	515.2
Chile	178	161	13.4	59.6	27.0	1.5	7.1	466.6	484.3	476.4	486.4	471.0
Chinese Taipei	238	233	11.7	28.0	60.3	1.8	0.0	569.0	572.0	573.6	573.3	.
Cyprus	267	259	35.9	25.3	35.2	1.6	1.5	486.8	485.5	488.9	482.6	476.8
Czech Republic	344	336	4.4	37.4	58.3	0.7	1.1	519.2	525.3	527.9	422.0	525.8
Denmark	278	174	12.2	26.9	60.9	16.6	19.5	519.7	526.0	521.5	521.0	521.9
England	178	124	33.9	19.7	46.3	3.0	23.3	550.6	570.6	559.1	546.8	550.7
Finland	369	346	7.3	11.9	80.8	2.3	2.7	541.0	538.8	543.7	543.2	509.7
France	306	234	8.3	16.2	75.5	5.0	18.1	492.2	494.8	486.5	492.8	486.0
Georgia	218	211	9.4	15.5	75.2	2.6	0.0	457.5	465.5	465.2	481.9	.
Germany	243	194	19.6	17.2	63.2	5.4	13.5	526.9	517.4	510.4	519.5	517.8
Hong Kong SAR	182	120	13.9	22.9	63.2	1.2	31.3	534.4	541.3	543.1	575.5	552.3
Hungary	263	214	12.9	14.2	72.9	1.0	15.7	527.8	528.0	521.8	488.8	530.6
Iran, Islamic Rep. of	224	223	12.4	46.0	41.6	0.6	0.0	418.6	432.0	435.0	521.0	.
Ireland	239	236	16.5	24.0	59.5	1.0	0.4	544.1	532.6	528.5	514.2	537.9
Italy	266	261	11.9	35.6	52.5	1.2	0.7	497.4	514.1	511.5	495.7	504.4
Japan	142	135	2.1	7.0	90.9	4.2	1.6	549.2	565.1	554.1	550.0	568.6
Jordan	224	217	23.2	69.8	7.1	1.9	0.3	418.1	415.7	443.7	403.6	336.1
Kazakhstan	303	240	34.1	53.1	12.8	17.6	1.3	458.2	478.4	447.2	460.6	484.2
Korea, Rep. of	199	171	9.4	19.2	71.3	6.0	7.9	570.4	573.4	589.6	573.5	575.3
Kosovo	231	194	19.0	27.4	53.6	6.1	9.5	390.1	402.5	411.6	402.6	386.5
Kuwait	164	159	22.7	52.4	24.9	1.9	1.4	395.4	359.7	384.9	302.9	418.7
Latvia	213	205	23.7	14.2	62.1	0.3	3.8	532.4	527.6	523.8	476.9	508.2
Lithuania	250	241	26.4	31.0	42.7	1.9	0.5	543.0	527.1	539.7	541.8	572.4
Macao SAR	275	272	24.4	24.0	51.6	1.0	0.0	539.6	546.0	529.4	528.3	.
Montenegro	338	311	15.3	46.4	38.3	3.9	4.0	464.0	463.8	454.9	456.6	469.7
Morocco	303	265	10.6	32.6	56.8	4.6	5.9	346.7	394.6	395.8	421.1	366.6
Netherlands	188	110	4.8	21.1	74.2	6.1	32.9	499.1	515.1	519.5	507.6	517.3
New Zealand	396	192	15.6	27.7	56.7	4.5	45.2	521.6	518.9	527.7	518.9	508.5
North Macedonia	274	192	15.7	42.8	41.6	4.3	25.2	437.3	443.6	441.3	420.2	433.4
Norway (5)	314	206	17.9	23.2	58.9	4.9	26.6	538.6	531.6	532.9	527.8	522.7
Oman	287	268	31.9	22.7	45.3	3.6	2.6	421.7	449.3	432.0	424.8	442.7
Poland	267	260	1.1	18.3	80.5	2.3	0.7	534.2	558.4	547.8	554.2	572.0
Portugal	321	313	57.4	23.0	19.6	1.4	0.8	508.6	512.7	512.9	527.1	510.7
Qatar	283	277	16.1	29.1	54.8	0.6	2.3	504.7	470.0	459.9	544.3	543.2
Romania	188	119	23.5	51.0	25.5	3.4	34.2	522.9	537.7	532.6	521.5	514.4
Saudi Arabia	217	182	29.9	59.6	10.6	5.2	10.5	424.2	429.5	427.0	401.7	439.7
Serbia	213	208	46.7	24.4	28.9	1.9	0.0	509.8	503.0	516.9	492.6	.
Singapore	362	357	1.7	1.1	97.2	1.2	0.3	581.1	571.9	608.4	599.2	585.9
Slovak Republic	269	267	7.4	23.3	69.4	0.7	0.0	541.8	520.1	518.5	515.9	.
Slovenia	269	258	9.1	16.4	74.4	2.2	1.6	526.4	522.4	526.2	515.5	543.1
South Africa (5)	287	214	17.4	52.7	29.8	2.0	24.5	308.9	307.3	300.7	347.5	311.7
Spain	582	551	21.1	37.4	41.4	2.7	2.0	502.5	504.7	503.8	503.8	512.2
Sweden	250	193	8.5	34.9	56.7	7.8	14.5	537.6	542.0	532.8	499.0	529.4
Turkiye (5)	171	168	2.9	41.7	55.4	2.1	0.0	561.5	570.2	570.4	572.2	.
United Arab Emirates	1435	1194	34.6	38.7	26.7	2.5	11.2	493.4	509.0	486.1	468.2	481.2
United States	495	462	18.1	43.7	38.2	4.1	3.6	540.5	530.6	531.9	527.9	526.0
Uzbekistan	168	154	32.9	33.5	33.6	5.9	2.0	413.5	411.0	412.6	401.7	420.6
International Avg. (58)	17865	15296	17.2	31.3	51.6	4.3	9.3	493.6	495.8	494.8	490.2	491.4
Ontario, Canada	286	226	7.4	58.1	34.5	7.4	11.8	520.7	523.7	530.7	535.0	514.7
Quebec, Canada	215	183	12.0	27.8	60.2	3.0	8.0	504.9	510.1	506.3	505.6	512.1
Abu Dhabi, UAE	553	457	31.3	34.4	34.3	3.2	11.4	428.7	463.3	453.1	407.2	436.0
Dubai, UAE	359	306	35.9	43.0	21.1	2.1	9.4	561.1	574.1	556.3	547.0	534.8
Sharjah, UAE	284	221	36.3	36.9	26.8	2.4	14.9	501.9	510.3	504.4	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Life Science: Ways for humans to maintain good health and avoid illness
Location: TQS-09AK (ATBS09AK)

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
Albania	123	91	45.2	43.1	11.7	5.6	17.7	486.2	485.4	487.5	501.8	507.0
Armenia	211	159	69.2	19.8	11.0	21.6	1.9	459.7	462.8	465.7	443.9	461.0
Australia	347	230	27.5	45.6	26.9	5.4	27.0	557.6	558.0	537.8	533.9	545.2
Azerbaijan	271	212	52.9	45.0	2.1	8.6	12.8	419.7	427.0	377.3	418.4	420.6
Bahrain	212	211	30.4	46.9	22.7	0.9	0.0	464.9	488.7	459.7	486.7	.
Belgium (Flemish)	278	210	17.6	65.5	16.9	1.9	19.7	496.1	488.4	495.4	503.7	477.0
Belgium (French)	344	278	24.7	36.6	38.8	4.0	14.9	484.8	485.3	477.5	503.4	466.6
Bosnia & Herzegovina	236	172	40.5	52.8	6.7	6.5	20.2	453.0	447.1	456.1	458.1	438.8
Brazil	1047	890	23.9	67.1	9.0	14.7	1.6	433.3	423.3	426.2	418.3	437.3
Bulgaria	208	202	62.7	30.7	6.6	1.3	1.0	541.2	517.6	484.4	494.4	515.0
Canada	917	788	24.6	58.6	16.9	4.8	9.4	523.4	522.6	514.0	529.1	515.2
Chile	178	160	37.7	56.0	6.2	1.9	7.1	483.8	478.7	469.7	471.3	471.0
Chinese Taipei	238	234	20.4	29.2	50.4	1.2	0.0	575.2	574.4	570.3	580.0	.
Cyprus	267	257	34.0	37.2	28.8	2.0	1.5	488.4	487.0	487.0	472.4	476.8
Czech Republic	344	338	50.3	27.6	22.1	0.3	1.1	523.6	530.1	527.8	385.8	525.8
Denmark	278	174	22.4	46.7	30.9	16.6	19.5	527.9	525.0	516.8	518.6	521.9
England	178	124	54.6	34.5	10.9	3.0	23.3	561.1	554.6	557.6	546.8	550.7
Finland	369	347	26.7	68.5	4.8	1.9	2.7	549.7	541.5	528.7	536.7	509.7
France	306	237	29.1	47.9	23.1	4.0	18.1	484.7	489.9	488.4	499.3	486.0
Georgia	218	214	37.0	31.3	31.7	1.3	0.0	464.7	458.5	471.1	477.8	.
Germany	243	195	55.4	29.1	15.5	5.0	13.5	520.6	501.6	519.2	519.1	517.8
Hong Kong SAR	182	121	23.5	70.7	5.9	0.8	31.3	541.8	533.3	637.7	594.6	552.3
Hungary	263	215	58.2	35.5	6.3	0.5	15.7	529.4	513.3	526.4	452.9	530.6
Iran, Islamic Rep. of	224	224	25.2	66.4	8.4	0.0	0.0	429.6	438.6	388.3	.	.
Ireland	239	233	30.1	62.1	7.7	3.4	0.4	536.7	528.8	531.8	544.6	537.9
Italy	266	260	26.7	38.0	35.4	1.2	0.7	512.2	507.8	512.9	494.6	504.4
Japan	142	135	4.1	18.2	77.7	4.2	1.6	553.0	556.6	554.5	550.0	568.6
Jordan	224	217	28.1	67.2	4.7	1.9	0.3	426.8	415.3	409.4	403.6	336.1
Kazakhstan	303	239	53.5	42.4	4.1	17.9	1.3	464.7	470.4	460.1	463.5	484.2
Korea, Rep. of	199	171	10.7	29.9	59.4	6.0	7.9	583.0	579.9	587.4	573.5	575.3
Kosovo	231	198	29.6	64.1	6.4	4.8	9.5	403.5	407.3	389.2	402.0	386.5
Kuwait	164	162	36.4	58.5	5.1	0.0	1.4	387.0	352.7	501.0	.	418.7
Latvia	213	205	46.2	28.2	25.6	0.3	3.8	522.4	528.9	530.8	476.9	508.2
Lithuania	250	244	60.8	39.0	0.2	1.1	0.5	537.7	535.3	508.4	545.2	572.4
Macao SAR	275	272	50.2	46.7	3.0	1.0	0.0	540.3	532.1	519.7	528.3	.
Montenegro	338	313	40.8	55.9	3.3	2.9	4.0	463.2	459.0	449.3	458.4	469.7
Morocco	303	272	32.2	63.7	4.1	1.7	5.9	397.2	390.1	366.5	407.0	366.6
Netherlands	188	110	22.0	36.1	41.8	6.4	32.9	504.6	522.2	519.2	513.5	517.3
New Zealand	396	192	20.7	61.0	18.3	4.6	45.2	512.5	527.6	526.2	520.1	508.5
North Macedonia	274	196	42.5	36.1	21.4	3.4	25.2	451.9	428.9	441.0	422.5	433.4
Norway (5)	314	205	20.2	46.8	33.0	5.5	26.6	532.2	534.7	532.4	531.1	522.7
Oman	287	270	47.8	38.9	13.2	2.9	2.6	427.2	443.4	420.0	427.0	442.7
Poland	267	260	8.3	88.3	3.4	2.3	0.7	555.8	549.3	541.8	554.2	572.0
Portugal	321	312	55.4	43.9	0.7	2.1	0.8	508.6	512.9	506.5	519.3	510.7
Qatar	283	277	42.4	46.5	11.1	0.6	2.3	469.9	473.5	456.0	544.3	543.2
Romania	188	120	76.5	21.5	1.9	3.1	34.2	531.9	540.4	491.3	519.9	514.4
Saudi Arabia	217	182	17.5	77.9	4.6	5.2	10.5	426.9	427.9	426.4	401.7	439.7
Serbia	213	210	68.8	30.1	1.1	1.2	0.0	510.1	510.2	511.8	483.5	.
Singapore	362	358	7.5	6.9	85.6	0.9	0.3	615.4	623.0	605.6	595.8	585.9
Slovak Republic	269	269	43.1	52.5	4.4	0.0	0.0	521.5	523.4	477.8	.	.
Slovenia	269	259	26.7	68.7	4.6	1.9	1.6	528.6	524.1	529.2	516.7	543.1
South Africa (5)	287	208	20.2	35.0	44.8	3.7	24.9	331.3	299.4	302.8	299.1	310.8
Spain	582	554	35.8	59.2	5.1	2.4	2.0	504.8	503.9	499.8	496.8	512.2
Sweden	250	193	9.7	26.0	64.3	7.8	14.5	543.9	531.4	537.3	499.0	529.4
Turkiye (5)	171	169	31.3	50.9	17.8	1.4	0.0	578.8	567.4	560.3	601.9	.
United Arab Emirates	1435	1195	38.7	46.2	15.1	2.4	11.2	507.1	500.3	464.3	468.6	481.2
United States	495	464	29.9	31.9	38.1	3.5	3.6	544.0	523.2	530.8	541.7	526.0
Uzbekistan	168	154	62.2	25.7	12.2	6.3	2.0	417.2	402.1	411.4	398.4	420.6
International Avg. (58)	17865	15361	35.7	45.5	18.9	3.9	9.3	497.5	494.2	491.1	491.8	491.4
Ontario, Canada	286	227	26.5	62.1	11.4	6.9	11.8	527.3	525.1	526.4	536.8	514.7
Quebec, Canada	215	184	20.7	53.0	26.3	2.9	8.0	508.2	508.1	504.0	509.1	512.1
Abu Dhabi, UAE	553	457	41.1	38.0	20.9	3.2	11.4	449.2	463.7	421.7	407.2	436.0
Dubai, UAE	359	306	41.8	46.3	11.9	2.1	9.4	578.2	561.5	538.0	547.0	534.8
Sharjah, UAE	284	221	40.2	45.2	14.6	2.4	14.9	508.6	507.0	493.6	504.0	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Solids, liquids, gases, and how their shapes and volumes differ

Location: TQS-09Ba (ATBS09BA)

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
Albania	123	93	29.8	69.6	0.6	4.5	17.7	497.8	481.9	546.1	487.9	507.0
Armenia	211	157	22.3	60.9	16.8	22.1	1.9	459.5	458.8	469.0	445.4	461.0
Australia	347	230	29.2	35.8	35.0	4.9	27.0	550.9	551.8	553.8	535.5	545.2
Azerbaijan	271	199	31.3	25.2	43.5	13.3	12.8	427.9	424.1	420.6	410.5	420.6
Bahrain	212	210	27.5	68.9	3.6	0.9	0.0	477.8	472.3	517.3	421.6	.
Belgium (Flemish)	278	207	4.8	22.8	72.5	2.4	19.7	485.3	501.2	488.5	492.2	477.0
Belgium (French)	344	277	20.5	42.9	36.6	3.8	14.9	477.6	486.3	480.1	502.8	466.6
Bosnia & Herzegovina	236	171	33.4	45.8	20.8	6.8	20.2	452.4	453.5	439.8	456.0	438.8
Brazil	1047	887	20.6	52.1	27.3	13.8	1.6	428.7	424.2	428.3	416.1	437.3
Bulgaria	208	201	50.4	48.9	0.7	2.3	1.0	538.1	524.8	522.0	455.9	515.0
Canada	917	790	39.5	20.8	39.7	4.9	9.4	524.0	514.8	522.1	528.6	515.2
Chile	178	160	23.8	70.7	5.4	2.1	7.1	489.9	475.3	494.7	481.7	471.0
Chinese Taipei	238	234	60.0	23.0	16.9	1.2	0.0	575.2	567.6	569.8	580.0	.
Cyprus	267	261	32.3	38.6	29.1	0.8	1.5	497.1	483.9	480.8	475.2	476.8
Czech Republic	344	337	16.5	42.8	40.7	0.5	1.1	518.0	529.8	526.0	435.1	525.8
Denmark	178	172	12.6	27.4	60.0	17.3	19.5	530.5	523.9	520.2	520.9	521.9
England	178	123	45.6	45.5	8.9	3.4	23.3	562.7	554.4	554.3	554.7	550.7
Finland	369	347	24.4	38.9	36.6	2.1	2.7	539.0	545.1	543.2	545.0	509.7
France	306	236	44.1	28.0	27.9	4.4	18.1	483.9	487.0	496.7	493.2	486.0
Georgia	218	215	14.8	74.7	10.5	1.3	0.0	463.0	463.0	486.0	432.2	.
Germany	243	193	39.4	27.3	33.3	5.7	13.5	518.8	522.1	504.3	518.4	517.8
Hong Kong SAR	182	120	11.7	79.1	9.2	1.1	31.3	561.5	536.4	558.7	581.9	552.3
Hungary	263	213	79.5	10.1	10.5	1.9	15.7	527.8	500.6	522.8	458.6	530.6
Iran, Islamic Rep. of	224	223	58.5	37.9	3.6	0.4	0.0	438.1	425.5	394.4	512.8	.
Ireland	239	236	16.2	44.9	38.9	0.7	0.4	540.2	528.7	532.0	535.2	537.9
Italy	266	260	46.3	45.3	8.4	1.6	0.7	512.4	509.1	511.7	497.3	504.4
Japan	142	135	1.4	94.3	4.3	4.0	1.6	560.9	554.5	558.4	551.5	568.6
Jordan	224	219	49.1	44.2	6.6	1.7	0.3	432.0	407.8	386.9	396.9	336.1
Kazakhstan	303	236	54.3	43.6	2.1	19.9	1.3	470.6	470.2	416.2	454.6	484.2
Korea, Rep. of	199	172	20.8	66.3	12.9	5.3	7.9	580.7	584.0	593.4	574.3	575.3
Kosovo	231	196	40.7	59.3	0.0	5.8	9.5	403.5	406.3	.	401.0	386.5
Kuwait	164	161	50.6	40.6	8.8	0.7	1.4	358.2	386.6	386.9	431.2	418.7
Latvia	213	204	44.6	14.1	41.3	0.7	3.8	527.6	524.7	525.8	500.3	508.2
Lithuania	250	242	32.1	58.2	9.6	1.9	0.5	538.4	538.6	521.1	530.4	572.4
Macao SAR	275	273	35.2	54.7	10.1	0.0	0.0	541.2	535.3	519.1	581.3	.
Montenegro	338	313	29.3	63.2	7.5	4.2	4.0	462.2	459.7	457.3	461.2	469.7
Morocco	303	270	32.0	66.0	2.0	2.3	5.9	398.3	390.1	340.9	391.1	366.6
Netherlands	188	110	10.0	15.2	74.9	6.1	32.9	519.4	515.9	517.8	507.3	517.3
New Zealand	396	193	20.9	37.2	41.8	4.2	45.2	526.3	526.1	521.6	519.5	508.5
North Macedonia	274	196	21.6	77.5	0.9	3.4	25.2	446.3	440.3	359.4	430.3	433.4
Norway (5)	314	205	14.5	45.9	39.6	5.7	26.6	542.2	534.7	529.1	529.6	522.7
Oman	287	271	39.8	59.9	0.3	2.4	2.6	433.8	431.2	509.2	428.5	442.7
Poland	267	260	1.3	85.5	13.2	2.4	0.7	530.8	548.9	556.9	548.0	572.0
Portugal	321	315	23.3	65.1	11.7	1.1	0.8	511.9	511.8	499.4	532.9	510.7
Qatar	283	278	25.5	65.1	9.4	0.5	2.3	486.0	462.7	477.0	565.0	543.2
Romania	188	121	53.5	42.9	3.5	2.8	34.2	531.6	533.1	544.5	523.9	514.4
Saudi Arabia	217	181	41.6	56.4	2.0	5.6	10.5	431.1	423.1	456.1	412.1	439.7
Serbia	213	207	60.0	29.9	10.0	3.0	0.0	510.1	512.0	505.7	499.0	.
Singapore	362	357	8.0	91.7	0.3	1.1	0.3	585.4	609.2	659.9	601.0	585.9
Slovak Republic	269	268	67.0	17.4	15.6	0.5	0.0	519.1	525.8	518.9	587.3	.
Slovenia	269	259	10.6	82.2	7.3	1.9	1.6	534.5	524.0	529.5	516.7	543.1
South Africa (5)	287	211	50.9	39.7	9.4	3.0	24.6	319.4	298.5	282.1	287.5	311.3
Spain	582	556	35.9	49.4	14.7	2.3	2.0	501.1	508.2	497.4	496.0	512.2
Sweden	250	194	6.7	52.3	41.0	7.4	14.5	534.5	536.7	536.2	498.2	529.4
Turkiye (5)	171	169	13.7	56.8	29.5	1.4	0.0	595.0	563.1	570.6	601.9	.
United Arab Emirates	1435	1192	46.5	46.5	7.0	3.0	11.2	499.3	504.1	455.7	445.6	481.2
United States	495	467	32.2	36.0	31.8	2.8	3.6	539.5	529.6	529.4	530.1	526.0
Uzbekistan	168	159	54.5	30.7	14.8	3.9	2.0	416.3	405.6	408.8	406.3	420.6
International Avg. (58)	17865	15342	32.1	48.5	19.3	4.1	9.3	497.7	493.9	495.7	491.6	491.4
Ontario, Canada	286	228	46.0	14.6	39.4	6.7	11.8	528.1	518.8	526.0	536.0	514.7
Quebec, Canada	215	185	25.9	39.7	34.4	3.5	8.0	505.0	506.8	508.3	513.8	512.1
Abu Dhabi, UAE	553	457	45.4	43.4	11.1	4.2	11.4	448.5	461.1	423.1	371.8	436.0
Dubai, UAE	359	306	49.3	44.7	6.0	2.1	9.4	572.8	563.3	521.3	556.1	534.8
Sharjah, UAE	284	221	47.4	48.6	4.1	2.7	14.9	496.3	518.3	479.8	485.5	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Grouping objects based on their physical properties

Location: TQS-09Bb (ATBS09BB)

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
Albania	123	93	25.9	69.3	4.7	4.5	17.7	500.2	484.3	454.5	487.9	507.0
Armenia	211	156	15.6	49.4	35.1	23.0	1.9	451.1	460.7	465.3	445.5	461.0
Australia	347	230	34.1	48.0	17.9	4.9	27.0	554.0	553.1	546.5	535.5	545.2
Azerbaijan	271	201	18.6	28.8	52.6	12.7	12.8	427.1	424.9	421.5	411.3	420.6
Bahrain	212	210	34.6	56.9	8.6	0.9	0.0	486.8	467.5	482.9	421.6	.
Belgium (Flemish)	278	208	6.4	26.0	67.6	2.3	19.7	487.9	501.6	487.5	493.5	477.0
Belgium (French)	344	275	18.8	16.9	64.3	4.2	14.9	482.5	479.4	482.8	501.5	466.6
Bosnia & Herzegovina	236	170	21.8	34.8	43.4	7.3	20.2	453.1	458.1	442.1	457.7	438.8
Brazil	1047	882	12.9	39.8	47.3	14.1	1.6	429.1	429.2	423.2	415.6	437.3
Bulgaria	208	202	31.9	57.6	10.5	1.9	1.0	535.8	527.1	544.0	434.3	515.0
Canada	917	786	44.9	20.7	34.5	5.3	9.4	523.9	515.8	521.6	526.3	515.2
Chile	178	160	28.3	63.7	8.0	2.1	7.1	487.9	475.2	488.2	481.7	471.0
Chinese Taipei	238	234	36.2	24.7	39.1	1.2	0.0	573.0	578.6	568.2	580.0	.
Cyprus	267	260	38.7	35.1	26.2	1.6	1.5	491.6	489.9	476.5	493.3	476.8
Czech Republic	344	336	10.0	23.6	66.4	1.0	1.1	513.1	525.9	528.5	480.1	525.8
Denmark	278	171	13.3	17.5	69.2	17.8	19.5	536.2	528.8	518.6	520.0	521.9
England	178	123	47.5	49.2	3.2	3.4	23.3	563.0	553.2	563.8	554.7	550.7
Finland	369	345	20.5	19.4	60.2	2.8	2.7	551.1	536.7	541.7	553.0	509.7
France	306	236	26.0	29.9	44.1	4.4	18.1	488.2	483.1	492.0	493.2	486.0
Georgia	218	215	22.1	61.9	16.0	1.6	0.0	464.0	466.1	461.2	473.3	.
Germany	243	193	28.8	18.0	53.2	5.5	13.5	514.3	515.6	515.4	515.4	517.8
Hong Kong SAR	182	120	33.1	40.4	26.5	1.1	31.3	546.0	541.1	535.9	581.9	552.3
Hungary	263	213	66.7	10.4	22.9	1.9	15.7	528.7	524.0	512.8	458.6	530.6
Iran, Islamic Rep. of	224	222	39.8	41.6	18.5	0.7	0.0	441.7	424.9	425.0	498.8	.
Ireland	239	233	33.3	39.6	27.1	2.1	0.4	539.7	529.2	524.4	554.8	537.9
Italy	266	260	50.1	36.3	13.6	1.6	0.7	509.1	508.8	522.5	497.3	504.4
Japan	142	134	10.2	32.4	57.4	4.9	1.6	553.6	555.9	554.5	549.4	568.6
Jordan	224	219	32.4	48.6	19.0	1.7	0.3	419.7	417.9	416.8	396.9	336.1
Kazakhstan	303	235	35.3	57.8	6.8	20.6	1.3	460.3	475.1	453.6	458.2	484.2
Korea, Rep. of	199	172	33.6	55.8	10.6	5.3	7.9	584.6	583.1	591.8	574.3	575.3
Kosovo	231	196	32.4	64.7	2.9	5.8	9.5	403.0	406.7	392.3	401.0	386.5
Kuwait	164	158	29.4	49.9	20.8	2.4	1.4	362.7	383.0	365.3	346.3	418.7
Latvia	213	204	52.7	14.9	32.4	0.7	3.8	528.7	521.6	524.9	500.3	508.2
Lithuania	250	244	38.5	50.5	11.1	1.1	0.5	532.5	541.4	529.1	548.6	572.4
Macao SAR	275	272	38.0	27.4	34.7	0.4	0.0	547.2	535.6	524.1	475.1	.
Montenegro	338	313	25.2	56.5	18.3	4.2	4.0	459.2	461.4	458.0	461.2	469.7
Morocco	303	266	27.5	63.0	9.5	4.3	5.9	391.7	388.2	407.6	406.8	366.6
Netherlands	188	110	8.5	8.2	83.2	6.1	32.9	510.8	522.9	517.9	507.3	517.3
New Zealand	396	194	32.6	31.5	35.9	4.0	45.2	525.7	526.2	521.5	517.8	508.5
North Macedonia	274	195	24.4	64.2	11.4	3.7	25.2	453.5	442.1	409.9	425.1	433.4
Norway (5)	314	201	10.1	29.4	60.5	6.7	26.6	530.3	541.6	530.1	530.8	522.7
Oman	287	271	43.6	46.7	9.7	2.4	2.6	434.2	429.9	437.1	428.5	442.7
Poland	267	260	1.1	64.4	34.5	2.4	0.7	551.8	550.0	549.2	548.0	572.0
Portugal	321	314	38.2	53.1	8.7	1.7	0.8	508.9	512.3	504.7	526.0	510.7
Qatar	283	277	32.0	52.6	15.4	0.7	2.3	478.2	468.2	457.9	563.2	543.2
Romania	188	121	52.9	41.3	5.8	2.8	34.2	534.0	532.4	522.8	523.9	514.4
Saudi Arabia	217	181	22.0	73.2	4.8	5.6	10.5	432.9	425.6	423.8	412.1	439.7
Serbia	213	208	72.3	19.2	8.5	2.6	0.0	513.0	508.6	487.7	504.0	.
Singapore	362	356	68.5	30.3	1.2	1.4	0.3	607.9	608.0	577.7	596.6	585.9
Slovak Republic	269	267	52.8	21.8	25.4	0.9	0.0	521.5	526.4	512.4	558.6	.
Slovenia	269	258	16.9	73.4	9.7	2.2	1.6	529.7	525.9	515.6	519.0	543.1
South Africa (5)	287	209	26.4	53.4	20.2	3.6	24.6	330.7	314.6	259.8	287.3	311.3
Spain	582	555	23.0	54.4	22.6	2.6	2.0	496.7	510.1	496.1	503.8	512.2
Sweden	250	195	18.7	35.8	45.5	5.8	14.5	545.6	525.4	536.1	519.0	529.4
Turkiye (5)	171	168	35.7	51.5	12.8	2.1	0.0	588.0	563.5	546.5	572.2	.
United Arab Emirates	1435	1193	41.6	47.1	11.3	3.0	11.2	501.7	508.5	444.7	444.8	481.2
United States	495	466	33.5	36.1	30.4	3.1	3.6	540.2	533.2	523.9	530.6	526.0
Uzbekistan	168	157	28.3	26.0	45.7	4.9	2.0	415.8	406.5	412.0	412.8	420.6
International Avg. (58)	17865	15303	31.0	41.3	27.7	4.3	9.3	497.8	495.4	488.8	489.9	491.4
Ontario, Canada	286	228	52.9	17.2	30.0	6.7	11.8	526.3	524.8	525.8	536.0	514.7
Quebec, Canada	215	184	30.4	29.6	40.1	3.9	8.0	503.0	507.1	509.8	511.3	512.1
Abu Dhabi, UAE	553	457	40.7	41.7	17.6	4.2	11.4	444.7	476.6	406.1	371.8	436.0
Dubai, UAE	359	306	44.4	49.9	5.7	2.1	9.4	573.4	562.8	526.7	556.1	534.8
Sharjah, UAE	284	221	42.9	47.4	9.6	2.7	14.9	504.7	509.2	499.2	485.5	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of mixtures and how they can be separated (e.g., filtration, evaporation)

Location: TQS-09Bc (ATBS09BC)

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
Albania	123	93	11.8	80.0	8.2	4.5	17.7	506.9	484.7	481.0	487.9	507.0
Armenia	211	155	7.1	35.4	57.5	22.7	1.9	456.3	454.7	464.8	446.0	461.0
Australia	347	229	18.6	26.6	54.7	4.9	27.0	559.6	546.1	552.7	535.5	545.2
Azerbaijan	271	199	20.3	22.7	57.0	13.3	12.8	420.8	426.2	424.1	409.8	420.6
Bahrain	212	209	22.7	66.2	11.2	1.1	0.0	477.7	471.9	491.2	440.1	.
Belgium (Flemish)	278	206	3.5	14.8	81.8	3.1	19.7	487.9	497.6	489.9	499.7	477.0
Belgium (French)	344	274	9.3	28.7	62.1	4.4	14.9	489.1	489.2	478.2	497.7	466.6
Bosnia & Herzegovina	236	171	9.7	22.6	67.7	6.8	20.2	456.1	456.4	447.4	456.0	438.8
Brazil	1047	885	10.8	55.1	34.1	13.9	1.6	429.6	424.9	427.5	415.9	437.3
Bulgaria	208	202	5.5	25.4	69.1	1.9	1.0	543.4	536.2	529.0	434.3	515.0
Canada	917	788	25.3	19.0	55.7	5.0	9.4	525.2	508.4	523.9	529.4	515.2
Chile	178	160	13.1	31.3	55.6	2.1	7.1	480.7	467.4	486.7	481.7	471.0
Chinese Taipei	238	234	25.8	11.5	62.7	1.2	0.0	569.9	569.3	574.2	580.0	.
Cyprus	267	260	11.6	27.7	60.7	1.2	1.5	489.4	482.8	489.0	473.7	476.8
Czech Republic	344	336	5.8	9.4	84.8	0.9	1.1	524.1	526.4	526.4	474.6	525.8
Denmark	278	171	10.0	20.7	69.3	17.6	19.5	532.2	525.7	520.2	520.9	521.9
England	178	123	15.0	72.5	12.5	3.4	23.3	571.3	555.3	559.4	554.7	550.7
Finland	369	346	9.3	13.9	76.8	2.4	2.7	542.3	548.9	542.0	542.5	509.7
France	306	235	12.9	36.8	50.3	4.7	18.1	485.0	488.6	488.6	496.2	486.0
Georgia	218	215	10.6	39.2	50.2	1.3	0.0	455.9	463.2	468.8	443.8	.
Germany	243	196	15.3	14.6	70.1	4.4	13.5	517.6	516.5	513.9	519.6	517.8
Hong Kong SAR	182	120	7.1	62.1	30.8	1.1	31.3	544.4	533.2	557.2	581.9	552.3
Hungary	263	213	27.8	9.2	62.9	1.9	15.7	523.5	524.6	525.0	458.6	530.6
Iran, Islamic Rep. of	224	223	10.9	86.9	2.2	0.4	0.0	404.4	437.4	344.1	512.8	.
Ireland	239	236	13.0	35.3	51.6	1.2	0.4	536.8	535.4	528.2	532.8	537.9
Italy	266	260	24.3	49.6	26.1	1.6	0.7	511.0	507.1	517.7	497.3	504.4
Japan	142	135	2.1	23.9	74.0	4.0	1.6	567.2	554.3	554.5	551.5	568.6
Jordan	224	218	30.9	31.7	37.4	2.2	0.3	413.9	418.0	423.3	384.4	336.1
Kazakhstan	303	235	33.0	51.8	15.2	20.4	1.3	455.3	473.9	479.5	457.4	484.2
Korea, Rep. of	199	172	1.0	92.0	6.9	5.3	7.9	586.1	583.8	593.6	574.3	575.3
Kosovo	231	195	21.0	77.2	1.8	6.1	9.5	411.5	404.4	367.5	400.1	386.5
Kuwait	164	161	22.9	58.5	18.7	0.8	1.4	366.8	370.7	382.0	464.3	418.7
Latvia	213	202	32.9	8.0	59.2	2.3	3.8	531.9	520.1	524.3	516.7	508.2
Lithuania	250	245	26.7	54.6	18.7	0.8	0.5	541.5	539.4	521.9	542.4	572.4
Macao SAR	275	273	19.6	51.0	29.4	0.0	0.0	526.9	543.2	528.8	581.3	.
Montenegro	338	313	7.6	33.8	58.5	3.7	4.0	468.1	464.2	456.7	464.8	469.7
Morocco	303	271	34.4	47.8	17.8	3.1	5.9	402.8	387.4	375.5	425.0	366.6
Netherlands	188	110	9.7	14.5	75.8	6.1	32.9	527.0	519.2	516.2	507.3	517.3
New Zealand	396	194	12.1	30.9	57.0	4.0	45.2	518.9	528.0	523.5	517.8	508.5
North Macedonia	274	194	14.3	61.9	23.8	3.6	25.2	445.3	433.0	458.9	429.5	433.4
Norway (5)	314	203	6.4	22.8	70.8	5.9	26.6	537.5	535.5	532.5	529.9	522.7
Oman	287	269	30.4	47.3	22.3	3.2	2.6	428.1	434.7	435.7	417.1	442.7
Poland	267	258	1.3	11.4	87.3	3.2	0.7	561.0	552.2	549.2	549.3	572.0
Portugal	321	313	21.3	56.4	22.3	2.1	0.8	512.4	510.2	508.9	522.7	510.7
Qatar	283	278	14.4	39.3	46.3	0.5	2.3	477.0	498.1	443.9	565.0	543.2
Romania	188	121	29.8	65.2	5.0	2.8	34.2	523.7	537.2	527.4	523.9	514.4
Saudi Arabia	217	181	17.8	77.3	4.9	5.6	10.5	429.3	426.5	429.3	412.1	439.7
Serbia	213	208	24.3	62.7	13.0	2.6	0.0	508.7	511.2	506.6	504.0	.
Singapore	362	356	1.5	4.8	93.6	1.4	0.3	608.7	624.6	606.8	587.8	585.9
Slovak Republic	269	268	62.1	15.3	22.5	0.5	0.0	525.8	536.8	493.6	587.3	.
Slovenia	269	259	9.6	78.0	12.4	1.9	1.6	534.8	523.6	530.3	516.7	543.1
South Africa (5)	287	210	14.7	39.0	46.2	3.0	24.6	302.2	307.7	308.0	301.6	311.3
Spain	582	552	17.8	42.6	39.6	3.1	2.0	501.4	508.6	500.7	494.1	512.2
Sweden	250	195	7.2	40.2	52.6	5.8	14.5	538.8	530.3	536.3	519.0	529.4
Turkiye (5)	171	169	8.1	24.4	67.5	1.4	0.0	591.6	566.8	568.1	601.9	.
United Arab Emirates	1435	1194	20.9	60.3	18.8	2.6	11.2	477.9	521.3	444.4	460.1	481.2
United States	495	466	16.8	29.3	53.8	3.1	3.6	540.5	529.9	531.9	530.6	526.0
Uzbekistan	168	157	38.2	37.2	24.6	4.9	2.0	415.9	409.5	408.2	412.8	420.6
International Avg. (58)	17865	15314	16.7	39.8	43.5	4.2	9.3	496.9	496.2	491.7	494.4	491.4
Ontario, Canada	286	226	33.5	16.0	50.5	7.0	11.8	526.2	517.9	528.1	537.0	514.7
Quebec, Canada	215	185	16.4	33.0	50.6	3.5	8.0	515.5	504.1	505.8	513.8	512.1
Abu Dhabi, UAE	553	458	23.6	44.4	31.9	3.1	11.4	439.5	485.1	408.2	383.3	436.0
Dubai, UAE	359	306	17.0	72.1	10.9	2.1	9.4	541.7	574.3	543.8	556.1	534.8
Sharjah, UAE	284	221	19.5	69.1	11.4	2.7	14.9	477.2	518.8	480.1	485.5	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Magnetic attraction and repulsion
Location: TQS-09Bd (ATBS09BD)

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
Albania	123	93	20.5	63.5	16.0	4.5	17.7	487.1	489.4	477.5	487.9	507.0
Armenia	211	155	4.8	24.9	70.3	22.6	1.9	447.6	459.3	461.8	446.3	461.0
Australia	347	229	12.3	55.4	32.4	4.9	27.0	558.2	556.5	542.7	535.5	545.2
Azerbaijan	271	198	10.6	14.1	75.3	14.1	12.8	423.7	424.8	424.2	408.8	420.6
Bahrain	212	209	31.2	36.2	32.6	1.2	0.0	468.4	484.0	472.4	446.8	.
Belgium (Flemish)	278	208	7.9	17.7	74.3	2.3	19.7	486.6	488.8	492.3	493.5	477.0
Belgium (French)	344	277	9.2	8.2	82.6	3.9	14.9	495.4	464.1	482.5	503.5	466.6
Bosnia & Herzegovina	236	171	5.6	57.4	37.0	6.8	20.2	447.7	453.8	445.1	456.0	438.8
Brazil	1047	884	7.3	14.6	78.1	14.1	1.6	433.5	433.2	424.5	415.1	437.3
Bulgaria	208	202	14.7	54.0	31.4	1.9	1.0	538.9	524.9	539.8	434.3	515.0
Canada	917	787	36.9	13.4	49.7	5.2	9.4	527.1	511.7	519.6	528.9	515.2
Chile	178	160	9.1	55.9	34.9	2.1	7.1	497.1	476.5	480.6	481.7	471.0
Chinese Taipei	238	234	77.1	12.0	10.9	1.2	0.0	573.2	569.8	570.4	580.0	.
Cyprus	267	261	54.3	13.0	32.7	0.8	1.5	493.1	475.4	482.1	475.2	476.8
Czech Republic	344	334	5.9	9.7	84.4	1.8	1.1	526.8	535.3	525.3	497.2	525.8
Denmark	278	175	26.3	23.4	50.3	16.2	19.5	526.6	518.4	521.8	521.7	521.9
England	178	123	55.1	34.0	11.0	3.4	23.3	564.6	547.8	558.2	554.7	550.7
Finland	369	345	11.9	16.3	71.7	2.7	2.7	543.9	543.3	542.6	545.6	509.7
France	306	235	6.4	6.7	86.9	4.7	18.1	476.7	497.2	488.3	496.2	486.0
Georgia	218	216	32.9	51.4	15.7	0.9	0.0	464.3	465.4	467.1	427.5	.
Germany	243	192	38.2	13.3	48.5	6.0	13.5	514.0	497.6	521.5	510.6	517.8
Hong Kong SAR	182	120	23.6	19.1	57.3	1.1	31.3	553.6	552.5	532.6	581.9	552.3
Hungary	263	213	61.2	17.1	21.7	1.9	15.7	534.3	537.3	487.2	458.6	530.6
Iran, Islamic Rep. of	224	223	14.7	83.5	1.8	0.4	0.0	430.8	433.7	348.6	512.8	.
Ireland	239	236	30.5	42.4	27.1	1.2	0.4	537.2	535.6	520.0	532.8	537.9
Italy	266	259	3.4	7.7	88.9	1.9	0.7	513.8	496.6	512.1	492.2	504.4
Japan	142	135	73.6	6.5	19.9	4.0	1.6	554.1	562.9	554.6	551.5	568.6
Jordan	224	218	24.4	70.7	4.9	1.7	0.3	411.6	419.3	437.3	397.8	336.1
Kazakhstan	303	234	38.6	55.1	6.3	20.8	1.3	460.4	474.6	467.1	457.6	484.2
Korea, Rep. of	199	172	50.8	28.7	20.5	5.3	7.9	587.8	576.4	587.9	574.3	575.3
Kosovo	231	196	16.2	80.2	3.6	5.8	9.5	404.5	406.3	382.3	401.0	386.5
Kuwait	164	162	50.6	28.4	21.0	0.0	1.4	362.6	374.2	395.0	.	418.7
Latvia	213	203	54.2	35.1	10.7	1.1	3.8	529.7	522.4	521.7	520.8	508.2
Lithuania	250	245	27.1	57.8	15.1	0.8	0.5	527.2	542.1	533.3	542.4	572.4
Macao SAR	275	273	71.6	10.1	18.3	0.0	0.0	541.4	528.0	518.0	581.3	.
Montenegro	338	314	3.5	12.7	83.7	3.6	4.0	453.9	464.6	459.7	464.1	469.7
Morocco	303	271	43.8	37.0	19.1	2.9	5.9	410.1	378.6	376.0	385.5	366.6
Netherlands	188	109	15.8	18.7	65.5	6.4	32.9	510.9	518.0	519.2	507.8	517.3
New Zealand	396	193	19.3	29.7	51.0	4.6	45.2	537.5	520.8	521.7	517.2	508.5
North Macedonia	274	197	40.4	27.2	32.5	3.1	25.2	430.6	433.3	459.6	433.2	433.4
Norway (5)	314	205	5.1	18.6	76.2	5.2	26.6	530.4	541.2	532.2	526.4	522.7
Oman	287	270	27.3	66.5	6.2	3.0	2.6	434.7	428.0	473.9	423.0	442.7
Poland	267	260	0.5	10.0	89.4	2.4	0.7	550.5	548.4	549.9	548.0	572.0
Portugal	321	313	32.2	37.6	30.1	1.6	0.8	510.0	510.9	510.0	526.7	510.7
Qatar	283	278	55.6	19.1	25.3	0.5	2.3	454.0	502.3	480.7	565.0	543.2
Romania	188	121	38.5	48.2	13.3	2.8	34.2	538.7	530.1	524.6	523.9	514.4
Saudi Arabia	217	180	25.7	65.4	8.9	6.1	10.5	428.5	428.7	415.0	409.2	439.7
Serbia	213	208	32.6	54.6	12.8	2.7	0.0	509.3	512.0	502.3	509.2	.
Singapore	362	357	76.5	22.5	1.0	1.1	0.3	608.9	603.1	595.4	601.0	585.9
Slovak Republic	269	268	15.6	82.2	2.2	0.5	0.0	515.2	524.4	398.4	587.3	.
Slovenia	269	259	7.2	85.2	7.6	1.9	1.6	535.9	524.4	528.8	516.7	543.1
South Africa (5)	287	210	6.6	66.6	26.7	2.7	24.9	314.8	316.9	277.6	305.9	313.0
Spain	582	555	9.6	37.0	53.4	2.3	2.0	508.2	508.3	500.4	496.2	512.2
Sweden	250	194	6.2	7.6	86.2	7.4	14.5	541.2	540.3	535.7	498.2	529.4
Turkiye (5)	171	168	33.7	18.0	48.3	2.1	0.0	583.1	572.0	560.3	572.2	.
United Arab Emirates	1435	1193	37.6	41.3	21.1	2.7	11.2	499.0	504.8	482.3	458.7	481.2
United States	495	466	19.9	39.5	40.6	3.1	3.6	539.4	536.8	525.5	530.6	526.0
Uzbekistan	168	157	37.0	23.7	39.3	4.9	2.0	415.1	407.6	410.8	412.8	420.6
International Avg. (58)	17865	15323	27.7	34.6	37.7	4.2	9.3	496.6	495.4	489.3	494.2	491.4
Ontario, Canada	286	226	46.4	15.6	38.0	7.2	11.8	527.7	520.6	525.6	536.6	514.7
Quebec, Canada	215	185	13.5	13.8	72.8	3.5	8.0	511.2	502.9	506.8	513.8	512.1
Abu Dhabi, UAE	553	458	38.0	38.4	23.6	3.1	11.4	435.9	468.4	441.9	383.3	436.0
Dubai, UAE	359	306	44.8	41.4	13.9	2.1	9.4	572.4	565.0	544.7	556.1	534.8
Sharjah, UAE	284	221	32.7	41.0	26.3	2.7	14.9	493.1	506.0	523.2	485.5	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of physical and chemical changes in everyday life

Location: TQS-09Be (ATBS09BE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught yet this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught yet this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Albania	123	93	14.0	57.1	28.9	4.5	17.7	497.8	485.9	484.1	487.9	507.0
Armenia	211	155	8.7	29.1	62.2	23.6	1.9	458.4	457.7	461.9	447.3	461.0
Australia	347	230	17.0	48.3	34.7	4.9	27.0	552.3	554.5	549.0	535.5	545.2
Azerbaijan	271	195	19.7	29.1	51.2	14.6	12.8	435.8	418.8	423.2	408.5	420.6
Bahrain	212	210	20.7	67.4	11.9	0.9	0.0	473.7	471.5	500.8	421.6	.
Belgium (Flemish)	278	207	1.7	11.6	86.7	2.7	19.7	502.4	506.7	488.8	495.0	477.0
Belgium (French)	344	276	5.3	22.0	72.7	4.0	14.9	468.0	483.6	482.7	504.5	466.6
Bosnia & Herzegovina	236	170	6.3	37.0	56.7	7.2	20.2	462.2	447.9	450.5	455.4	438.8
Brazil	1047	882	8.8	47.8	43.4	14.1	1.6	415.5	425.3	429.5	416.2	437.3
Bulgaria	208	200	11.0	52.3	36.7	3.0	1.0	552.4	533.0	524.6	457.3	515.0
Canada	917	787	18.2	23.0	58.8	5.3	9.4	528.6	510.4	523.3	528.3	515.2
Chile	178	160	10.9	49.3	39.9	2.1	7.1	491.8	474.9	482.6	481.7	471.0
Chinese Taipei	238	234	39.5	25.1	35.3	1.2	0.0	574.3	571.8	571.1	580.0	.
Cyprus	267	259	11.8	28.3	60.0	1.9	1.5	488.5	488.9	486.2	483.0	476.8
Czech Republic	344	336	3.9	17.2	78.9	0.8	1.1	507.5	531.0	526.3	457.4	525.8
Denmark	278	172	4.3	23.0	72.6	17.3	19.5	537.1	529.7	519.3	520.9	521.9
England	178	123	19.9	61.3	18.8	3.4	23.3	554.5	554.5	574.0	554.7	550.7
Finland	369	346	16.9	38.9	44.1	2.5	2.7	551.4	542.4	540.5	537.1	509.7
France	306	235	12.7	25.7	61.6	4.7	18.1	489.0	485.6	489.0	496.2	486.0
Georgia	218	214	12.8	29.7	57.5	1.7	0.0	461.3	462.7	466.5	480.4	.
Germany	243	191	23.7	20.6	55.7	6.3	13.5	515.4	521.5	511.8	520.9	517.8
Hong Kong SAR	182	119	9.9	38.3	51.8	1.4	31.3	549.0	539.9	540.1	594.7	552.3
Hungary	263	213	37.4	16.0	46.6	1.9	15.7	535.6	520.0	517.2	458.6	530.6
Iran, Islamic Rep. of	224	223	13.7	46.0	40.2	0.4	0.0	420.3	430.1	437.6	512.8	.
Ireland	239	236	11.2	37.9	50.9	0.7	0.4	539.2	535.4	527.6	535.2	537.9
Italy	266	260	19.5	43.2	37.3	1.6	0.7	514.3	510.8	509.1	497.3	504.4
Japan	142	134	5.6	36.3	58.1	4.9	1.6	551.9	554.5	555.4	549.4	568.6
Jordan	224	218	19.0	75.9	5.2	1.7	0.3	398.5	421.0	451.9	396.5	336.1
Kazakhstan	303	236	37.3	43.6	19.1	20.1	1.3	457.0	473.5	481.2	456.5	484.2
Korea, Rep. of	199	171	2.9	34.9	62.2	6.1	7.9	588.5	579.0	586.6	583.0	575.3
Kosovo	231	194	17.1	69.1	13.7	7.1	9.5	397.1	405.3	418.5	395.0	386.5
Kuwait	164	160	10.6	71.5	17.8	1.4	1.4	370.2	364.3	413.4	303.0	418.7
Latvia	213	203	29.3	17.0	53.7	0.8	3.8	526.2	530.0	525.3	509.0	508.2
Lithuania	250	241	14.8	59.1	26.1	2.2	0.5	539.9	535.2	538.1	543.3	572.4
Macao SAR	275	272	21.2	28.5	50.3	0.5	0.0	537.8	543.3	530.6	542.9	.
Montenegro	338	312	4.6	22.3	73.1	4.1	4.0	452.9	474.6	456.3	461.6	469.7
Morocco	303	270	18.9	67.0	14.0	2.9	5.9	393.5	394.9	375.7	385.8	366.6
Netherlands	188	110	3.8	13.1	83.1	6.1	32.9	514.3	518.2	517.7	507.3	517.3
New Zealand	396	193	17.3	46.9	35.8	4.1	45.2	531.5	526.5	518.1	517.7	508.5
North Macedonia	274	190	22.6	39.1	38.3	5.5	25.2	437.9	438.5	445.6	432.2	433.4
Norway (5)	314	204	5.0	33.1	61.9	5.8	26.6	546.3	534.9	531.8	529.7	522.7
Oman	287	271	29.2	55.0	15.8	2.4	2.6	430.9	427.4	452.9	428.5	442.7
Poland	267	259	3.0	40.8	56.2	2.8	0.7	541.9	549.0	550.7	547.2	572.0
Portugal	321	313	20.7	47.9	31.4	2.0	0.8	512.3	512.4	505.7	526.1	510.7
Qatar	283	278	14.4	38.7	46.9	0.5	2.3	471.3	487.6	455.0	565.0	543.2
Romania	188	121	27.7	62.6	9.7	2.8	34.2	531.6	532.9	534.9	523.9	514.4
Saudi Arabia	217	180	19.1	78.5	2.3	6.1	10.5	437.4	424.5	443.8	409.2	439.7
Serbia	213	206	34.1	46.1	19.8	3.7	0.0	514.5	510.8	502.9	493.5	.
Singapore	362	356	3.0	16.3	80.7	1.4	0.3	597.6	613.3	606.6	604.0	585.9
Slovak Republic	269	267	26.4	38.8	34.8	0.9	0.0	524.5	524.4	512.3	565.4	.
Slovenia	269	259	5.6	57.3	37.1	1.9	1.6	531.1	526.3	523.5	516.7	543.1
South Africa (5)	287	208	9.9	39.7	50.4	3.3	24.9	333.7	304.5	301.2	316.6	313.0
Spain	582	551	14.5	41.2	44.2	2.9	2.0	505.6	508.4	499.1	503.7	512.2
Sweden	250	194	3.0	44.8	52.2	7.4	14.5	547.9	538.6	533.8	498.2	529.4
Turkiye (5)	171	168	2.4	27.1	70.6	2.1	0.0	595.0	570.9	568.9	572.2	.
United Arab Emirates	1435	1191	24.0	51.7	24.3	2.9	11.2	480.5	513.4	483.0	455.0	481.2
United States	495	467	12.5	41.7	45.7	2.6	3.6	538.8	532.4	530.4	547.5	526.0
Uzbekistan	168	156	34.1	34.7	31.2	5.4	2.0	410.6	414.1	410.2	411.4	420.6
International Avg. (58)	17865	15279	15.4	40.4	44.2	4.4	9.3	497.0	496.2	496.2	490.8	491.4
Ontario, Canada	286	226	22.3	19.0	58.7	7.0	11.8	527.2	520.4	527.0	537.0	514.7
Quebec, Canada	215	185	8.8	38.6	52.6	3.5	8.0	502.9	504.5	509.3	513.8	512.1
Abu Dhabi, UAE	553	458	20.0	49.9	30.1	3.1	11.4	435.8	459.9	442.2	383.3	436.0
Dubai, UAE	359	305	19.4	63.3	17.2	2.4	9.4	541.0	579.4	544.2	541.6	534.8
Sharjah, UAE	284	220	29.9	39.8	30.3	3.5	14.9	482.4	517.2	518.7	469.0	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: How to make solids dissolve faster in liquids (e.g., stirring, heating)
Location: TQS-09BF (ATBS09BF)

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
Albania	123	92	14.5	80.5	5.0	4.8	17.7	505.4	483.3	497.5	485.5	507.0
Armenia	211	157	9.8	52.1	38.1	22.1	1.9	450.5	461.4	462.3	445.4	461.0
Australia	347	229	22.2	37.5	40.2	4.9	27.0	546.9	556.3	551.3	535.5	545.2
Azerbaijan	271	201	17.5	25.9	56.6	13.1	12.8	429.7	416.4	425.8	408.7	420.6
Bahrain	212	210	21.5	46.7	31.8	0.9	0.0	473.4	472.4	481.4	421.6	.
Belgium (Flemish)	278	208	6.0	19.0	75.0	2.3	19.7	498.5	500.9	488.2	493.5	477.0
Belgium (French)	344	275	7.0	15.1	77.9	4.2	14.9	473.2	480.9	483.1	504.7	466.6
Bosnia & Herzegovina	236	171	6.2	42.9	50.9	6.8	20.2	464.2	449.4	449.3	456.0	438.8
Brazil	1047	883	7.6	41.2	51.2	14.3	1.6	408.9	425.8	429.7	415.0	437.3
Bulgaria	208	201	14.6	49.2	36.2	2.3	1.0	552.6	538.4	514.4	441.2	515.0
Canada	917	787	23.8	13.2	63.0	5.0	9.4	528.4	510.0	521.0	529.4	515.2
Chile	178	160	9.7	40.5	49.7	2.1	7.1	481.7	472.5	485.4	481.7	471.0
Chinese Taipei	238	233	68.9	13.4	17.7	1.8	0.0	574.2	571.8	566.1	582.1	.
Cyprus	267	260	7.6	24.3	68.1	1.1	1.5	492.9	484.3	487.8	470.0	476.8
Czech Republic	344	335	10.9	20.2	68.9	1.7	1.1	522.8	530.0	526.0	491.5	525.8
Denmark	278	172	10.8	15.4	73.9	17.3	19.5	526.9	528.6	520.6	520.9	521.9
England	178	123	21.1	64.1	14.9	3.4	23.3	562.8	558.5	550.5	554.7	550.7
Finland	369	346	18.0	16.2	65.8	2.4	2.7	537.2	544.1	544.3	542.5	509.7
France	306	235	12.0	20.1	67.9	4.7	18.1	478.0	491.6	488.9	496.2	486.0
Georgia	218	214	14.5	48.9	36.6	2.0	0.0	461.6	461.6	471.7	449.1	.
Germany	243	193	21.7	18.6	59.7	5.5	13.5	515.1	520.1	512.9	521.3	517.8
Hong Kong SAR	182	120	17.3	46.0	36.7	1.1	31.3	548.7	537.1	543.2	581.9	552.3
Hungary	263	213	36.7	12.0	51.3	1.9	15.7	534.1	522.1	518.3	458.6	530.6
Iran, Islamic Rep. of	224	223	12.3	76.7	11.0	0.4	0.0	423.4	435.9	411.8	512.8	.
Ireland	239	236	20.2	35.4	44.4	1.5	0.4	532.6	537.3	528.0	508.9	537.9
Italy	266	260	26.8	48.9	24.4	1.6	0.7	514.3	509.6	509.4	497.3	504.4
Japan	142	134	2.7	35.2	62.1	4.9	1.6	542.5	554.6	555.6	549.4	568.6
Jordan	224	219	23.6	35.0	41.3	1.7	0.3	415.4	422.5	416.4	396.9	336.1
Kazakhstan	303	234	35.9	57.5	6.6	20.7	1.3	455.7	474.7	482.3	458.3	484.2
Korea, Rep. of	199	172	5.0	27.8	67.2	5.3	7.9	593.2	581.4	585.2	574.3	575.3
Kosovo	231	195	21.3	72.8	5.9	6.3	9.5	401.9	407.9	388.0	396.5	386.5
Kuwait	164	161	28.2	47.5	24.3	0.5	1.4	369.9	368.6	383.0	422.2	418.7
Latvia	213	202	29.5	9.6	60.8	1.6	3.8	533.0	523.5	523.9	506.0	508.2
Lithuania	250	244	24.2	69.9	5.9	0.9	0.5	536.4	536.5	541.0	541.2	572.4
Macao SAR	275	273	30.4	44.6	25.1	0.0	0.0	531.5	540.2	533.1	581.3	.
Montenegro	338	313	8.3	60.3	31.3	4.2	4.0	451.4	464.3	454.9	461.2	469.7
Morocco	303	270	17.4	75.5	7.1	3.4	5.9	383.5	395.3	369.1	400.8	366.6
Netherlands	188	109	11.3	10.0	78.7	6.4	32.9	512.1	519.0	518.3	507.8	517.3
New Zealand	396	193	19.7	31.4	48.8	4.1	45.2	521.8	521.0	527.6	517.7	508.5
North Macedonia	274	194	15.7	71.0	13.3	4.2	25.2	449.3	435.1	461.9	432.8	433.4
Norway (5)	314	204	8.7	23.6	67.7	5.8	26.6	542.1	538.2	530.8	529.7	522.7
Oman	287	271	30.8	45.7	23.5	2.4	2.6	433.8	429.7	436.1	428.5	442.7
Poland	267	260	3.3	26.5	70.2	2.4	0.7	536.4	547.2	551.3	548.0	572.0
Portugal	321	315	35.6	43.9	20.6	1.1	0.8	508.4	512.8	508.6	532.9	510.7
Qatar	283	278	16.3	45.4	38.3	0.5	2.3	470.7	482.7	454.6	565.0	543.2
Romania	188	121	25.9	67.8	6.3	2.8	34.2	527.6	534.4	536.1	523.9	514.4
Saudi Arabia	217	181	18.9	66.7	14.4	5.6	10.5	431.5	425.4	429.0	412.1	439.7
Serbia	213	209	54.1	43.1	2.7	2.2	0.0	509.4	511.7	495.6	503.8	.
Singapore	362	357	1.1	14.1	84.8	1.1	0.3	554.9	601.7	609.1	601.0	585.9
Slovak Republic	269	268	61.6	26.8	11.6	0.5	0.0	517.9	530.3	509.4	587.3	.
Slovenia	269	259	14.7	60.1	25.2	1.9	1.6	534.1	523.5	525.3	516.7	543.1
South Africa (5)	287	210	20.7	43.0	36.3	3.0	24.6	306.6	298.6	318.2	293.2	311.3
Spain	582	555	18.9	34.8	46.3	2.3	2.0	506.7	502.4	504.3	495.5	512.2
Sweden	250	195	2.7	37.4	59.9	5.8	14.5	540.6	527.2	538.0	519.0	529.4
Turkiye (5)	171	169	3.6	28.1	68.3	1.4	0.0	609.0	573.0	566.3	601.9	.
United Arab Emirates	1435	1193	23.7	55.1	21.2	2.6	11.2	478.5	522.5	455.1	459.8	481.2
United States	495	466	18.2	30.3	51.5	3.1	3.6	541.3	527.2	533.0	530.6	526.0
Uzbekistan	168	157	35.7	36.1	28.2	4.9	2.0	409.9	413.1	411.9	412.8	420.6
International Avg. (58)	17865	15318	19.4	39.7	40.9	4.2	9.3	494.7	495.6	493.5	493.3	491.4
Ontario, Canada	286	226	27.1	11.8	61.1	7.0	11.8	532.2	516.5	524.8	537.0	514.7
Quebec, Canada	215	185	11.7	19.6	68.8	3.5	8.0	504.6	507.5	507.0	513.8	512.1
Abu Dhabi, UAE	553	457	23.5	44.9	31.6	3.2	11.4	426.5	482.8	420.2	383.6	436.0
Dubai, UAE	359	306	20.0	68.2	11.9	2.1	9.4	545.7	576.7	534.0	556.1	534.8
Sharjah, UAE	284	221	28.3	56.2	15.5	2.7	14.9	489.1	519.0	491.7	485.5	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Concentration of solutions
Location: TQS-09Bg (ATBS09BG)

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
Albania	123	91	13.8	41.8	44.4	6.6	17.7	502.7	485.7	485.0	479.5	507.0
Armenia	211	153	4.1	20.7	75.1	23.5	1.9	446.2	452.6	463.9	445.8	461.0
Australia	347	227	12.6	10.4	77.0	5.1	27.0	548.0	557.8	552.1	537.2	545.2
Azerbaijan	271	194	9.8	12.4	77.8	15.8	12.8	423.8	430.7	424.0	407.9	420.6
Bahrain	212	207	9.9	27.9	62.2	2.1	0.0	485.3	483.7	470.3	448.9	.
Belgium (Flemish)	278	208	2.8	1.8	95.4	2.3	19.7	468.8	493.0	491.8	493.5	477.0
Belgium (French)	344	275	0.7	2.5	96.7	4.2	14.9	477.0	486.5	481.9	506.0	466.6
Bosnia & Herzegovina	236	170	2.2	6.0	91.7	6.6	20.2	459.6	477.9	448.1	457.3	438.8
Brazil	1047	888	6.7	21.0	72.3	12.8	1.6	421.6	408.8	433.0	409.2	437.3
Bulgaria	208	202	6.1	20.5	73.4	1.9	1.0	544.5	533.9	529.9	434.3	515.0
Canada	917	781	10.3	9.3	80.4	7.8	9.4	526.2	513.9	521.1	530.3	515.2
Chile	178	158	5.7	9.4	85.0	3.3	7.1	459.1	451.2	484.2	486.3	471.0
Chinese Taipei	238	233	25.5	11.0	63.5	1.6	0.0	574.3	574.1	571.4	582.4	.
Cyprus	267	259	7.0	15.6	77.4	1.5	1.5	500.5	479.2	487.6	483.0	476.8
Czech Republic	344	333	2.6	5.6	91.8	2.1	1.1	525.6	535.3	526.0	494.8	525.8
Denmark	278	171	4.2	6.8	89.0	17.6	19.5	518.8	533.6	522.5	518.7	521.9
England	178	124	13.6	38.2	48.2	3.0	23.3	562.0	563.7	553.4	546.8	550.7
Finland	369	345	0.6	1.5	97.9	2.6	2.7	548.7	513.1	543.5	538.6	509.7
France	306	233	4.8	7.5	87.7	5.4	18.1	483.8	489.8	488.2	496.1	486.0
Georgia	218	211	6.0	8.5	85.5	3.5	0.0	454.8	453.9	467.7	443.6	.
Germany	243	194	2.9	3.8	93.3	5.1	13.5	517.9	512.3	514.7	521.1	517.8
Hong Kong SAR	182	119	4.2	12.2	83.6	1.4	31.3	572.4	545.8	540.1	536.9	552.3
Hungary	263	214	14.2	7.6	78.2	1.4	15.7	536.1	538.0	519.9	491.3	530.6
Iran, Islamic Rep. of	224	221	10.8	55.1	34.1	1.4	0.0	432.8	429.6	434.8	457.7	.
Ireland	239	231	10.5	15.3	74.2	3.5	0.4	544.8	538.4	529.0	524.9	537.9
Italy	266	258	15.3	30.6	54.1	1.8	0.7	515.3	502.3	514.1	503.8	504.4
Japan	142	136	0.7	3.5	95.8	3.4	1.6	554.8	561.1	554.5	552.6	568.6
Jordan	224	218	15.4	22.2	62.3	1.7	0.3	402.7	430.8	417.8	395.5	336.1
Kazakhstan	303	238	22.7	32.2	45.1	18.7	1.3	440.8	475.2	476.5	459.1	484.2
Korea, Rep. of	199	172	1.9	15.5	82.6	5.3	7.9	567.7	571.7	587.3	574.3	575.3
Kosovo	231	195	15.4	53.0	31.6	5.5	9.5	405.2	403.5	407.7	401.5	386.5
Kuwait	164	161	12.5	42.2	45.3	0.7	1.4	373.4	351.9	392.7	311.4	418.7
Latvia	213	200	17.2	5.9	76.9	2.4	3.8	532.6	527.6	524.9	521.7	508.2
Lithuania	250	242	18.5	48.2	33.3	1.3	0.5	542.7	533.7	537.3	550.6	572.4
Macao SAR	275	273	5.2	11.2	83.6	0.1	0.0	529.7	529.2	537.1	505.4	.
Montenegro	338	310	1.6	9.7	88.7	6.1	4.0	440.7	463.9	459.8	466.9	469.7
Morocco	303	267	7.3	28.2	64.5	4.7	5.9	389.2	374.6	399.2	396.0	366.6
Netherlands	188	109	3.6	4.4	92.0	6.4	32.9	515.0	506.8	518.3	507.8	517.3
New Zealand	396	192	11.4	17.9	70.7	4.4	45.2	519.1	524.5	525.2	518.2	508.5
North Macedonia	274	193	11.8	34.8	53.5	4.2	25.2	416.2	425.4	456.6	430.1	433.4
Norway (5)	314	200	4.1	9.1	86.7	6.9	26.6	549.2	535.4	532.6	530.1	522.7
Oman	287	268	12.5	9.4	78.2	3.4	2.6	419.3	439.6	433.7	430.7	442.7
Poland	267	261	0.3	2.9	96.7	2.0	0.7	480.2	547.9	549.9	553.5	572.0
Portugal	321	311	17.5	27.8	54.8	2.3	0.8	510.1	509.4	510.9	522.8	510.7
Qatar	283	276	6.3	22.2	71.5	0.8	2.3	501.9	509.0	455.1	527.7	543.2
Romania	188	119	4.2	48.9	46.9	3.9	34.2	533.0	524.1	543.6	511.8	514.4
Saudi Arabia	217	178	12.7	43.0	44.3	7.4	10.5	413.4	427.4	431.8	410.6	439.7
Serbia	213	208	19.4	35.7	44.9	2.4	0.0	509.9	511.6	509.5	491.5	.
Singapore	362	358	0.5	1.2	98.2	0.9	0.3	517.6	598.9	608.1	595.8	585.9
Slovak Republic	269	268	19.5	8.7	71.8	0.3	0.0	519.4	527.9	519.9	559.1	.
Slovenia	269	259	0.5	18.9	80.6	1.9	1.6	544.3	521.7	526.3	516.7	543.1
South Africa (5)	287	207	10.7	31.3	58.0	3.2	24.9	283.2	285.1	323.4	287.2	313.0
Spain	582	551	5.5	19.2	75.4	2.9	2.0	497.9	507.4	503.3	507.0	512.2
Sweden	250	193	1.8	13.1	85.0	7.0	14.5	575.5	510.9	536.6	522.9	529.4
Turkiye (5)	171	168	1.3	18.5	80.2	1.9	0.0	577.6	583.8	566.0	602.1	.
United Arab Emirates	1435	1189	13.1	39.0	47.9	2.7	11.2	477.7	527.4	478.5	471.8	481.2
United States	495	464	8.8	14.3	76.9	3.4	3.6	540.3	518.0	534.8	527.8	526.0
Uzbekistan	168	155	24.7	21.8	53.5	6.2	2.0	413.1	414.4	413.5	384.0	420.6
International Avg. (58)	17865	15239	8.9	19.3	71.8	4.6	9.3	492.1	494.2	496.0	488.3	491.4
Ontario, Canada	286	222	14.2	11.3	74.5	12.6	11.8	534.4	523.9	523.8	534.7	514.7
Quebec, Canada	215	184	2.0	8.9	89.1	3.9	8.0	496.9	502.9	507.2	518.4	512.1
Abu Dhabi, UAE	553	454	13.2	28.4	58.4	3.4	11.4	432.0	484.9	436.9	386.3	436.0
Dubai, UAE	359	304	13.7	52.6	33.7	2.8	9.4	525.2	578.6	560.6	566.5	534.8
Sharjah, UAE	284	223	12.5	40.9	46.7	2.0	14.9	478.2	520.1	499.6	518.7	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Sources of energy (e.g., the Sun, wind, water, coal, oil, and gas)

Location: TQS-09Bh (ATBS09BH)

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
Albania	123	91	24.7	45.1	30.2	6.6	17.7	492.3	485.7	487.1	479.5	507.0
Armenia	211	157	19.1	52.8	28.2	22.1	1.9	461.6	457.6	465.9	445.4	461.0
Australia	347	228	24.1	50.8	25.1	5.0	27.0	553.0	552.4	550.6	537.3	545.2
Azerbaijan	271	197	22.5	51.0	26.5	14.2	12.8	425.1	430.8	414.8	403.6	420.6
Bahrain	212	208	24.6	64.4	11.0	1.7	0.0	486.5	475.8	447.0	460.1	.
Belgium (Flemish)	278	208	11.2	49.5	39.4	2.3	19.7	502.3	490.0	489.6	493.5	477.0
Belgium (French)	344	276	7.9	24.0	68.1	4.0	14.9	475.3	484.0	482.1	505.1	466.6
Bosnia & Herzegovina	236	170	12.0	55.5	32.4	6.6	20.2	459.6	445.5	454.7	457.3	438.8
Brazil	1047	892	14.1	52.7	33.2	12.7	1.6	442.0	421.1	430.4	409.3	437.3
Bulgaria	208	202	17.2	81.4	1.4	1.9	1.0	533.1	531.3	533.1	434.3	515.0
Canada	917	783	19.3	54.5	26.2	5.8	9.4	527.1	520.2	520.3	524.9	515.2
Chile	178	157	23.2	31.3	45.6	3.7	7.1	479.0	473.5	484.0	488.0	471.0
Chinese Taipei	238	234	21.4	70.1	8.5	1.2	0.0	566.0	575.3	565.9	580.0	.
Cyprus	267	261	11.5	66.2	22.3	0.8	1.5	488.9	484.8	493.5	475.2	476.8
Czech Republic	344	337	9.2	69.4	21.4	0.6	1.1	532.8	523.8	532.4	422.4	525.8
Denmark	178	173	14.2	55.3	30.4	16.9	19.5	519.6	521.7	526.4	519.7	521.9
England	178	123	32.9	32.8	34.3	3.5	23.3	558.7	549.6	565.5	557.2	550.7
Finland	369	344	15.7	52.0	32.3	2.8	2.7	540.4	543.3	544.8	530.3	509.7
France	306	236	8.5	62.3	29.2	4.3	18.1	476.7	490.4	486.9	496.2	486.0
Georgia	218	211	21.8	30.9	47.3	3.5	0.0	456.5	469.4	467.0	452.1	.
Germany	243	195	29.0	45.6	25.3	4.7	13.5	520.2	514.9	508.5	520.4	517.8
Hong Kong SAR	182	121	20.4	41.9	37.7	0.8	31.3	547.0	529.7	551.4	594.6	552.3
Hungary	263	214	20.1	64.3	15.5	1.4	15.7	539.7	523.7	502.3	491.3	530.6
Iran, Islamic Rep. of	224	220	13.4	78.3	8.3	1.7	0.0	428.7	432.5	428.9	453.9	.
Ireland	239	237	22.9	69.5	7.6	0.5	0.4	534.7	532.2	519.2	543.4	537.9
Italy	266	258	13.9	39.6	46.5	1.8	0.7	515.4	507.0	512.5	503.8	504.4
Japan	142	136	11.4	8.2	80.4	3.4	1.6	561.5	551.6	554.0	552.6	568.6
Jordan	224	216	18.3	71.1	10.5	2.7	0.3	402.8	422.9	411.2	416.5	336.1
Kazakhstan	303	237	35.0	62.0	2.9	19.0	1.3	467.8	469.1	442.1	459.8	484.2
Korea, Rep. of	199	172	10.1	39.2	50.6	5.3	7.9	575.9	583.4	587.1	574.3	575.3
Kosovo	231	198	16.9	79.9	3.2	4.8	9.5	415.1	404.2	371.6	402.0	386.5
Kuwait	164	160	45.3	48.1	6.6	1.2	1.4	346.3	400.2	351.4	384.4	418.7
Latvia	213	202	35.0	23.9	41.0	1.3	3.8	524.6	529.1	526.5	512.2	508.2
Lithuania	250	244	32.4	65.0	2.6	0.9	0.5	532.7	538.6	535.5	551.5	572.4
Macao SAR	275	273	45.8	29.7	24.5	0.1	0.0	536.9	540.8	527.9	505.4	.
Montenegro	338	313	6.8	81.0	12.2	4.8	4.0	452.3	461.2	456.1	466.3	469.7
Morocco	303	273	12.5	80.0	7.5	2.3	5.9	384.7	394.5	374.2	390.4	366.6
Netherlands	188	110	12.3	66.0	21.6	6.1	32.9	522.2	518.3	513.2	507.3	517.3
New Zealand	396	193	19.4	49.7	30.9	4.2	45.2	529.3	526.7	517.4	518.3	508.5
North Macedonia	274	197	21.4	72.5	6.2	3.0	25.2	438.7	442.3	428.4	434.4	433.4
Norway (5)	314	198	25.5	33.0	41.5	7.4	26.6	537.0	536.0	529.9	529.1	522.7
Oman	287	266	47.5	18.8	33.7	4.2	2.6	424.0	441.1	440.0	426.5	442.7
Poland	267	261	3.0	21.2	75.8	2.0	0.7	572.8	545.6	549.8	553.5	572.0
Portugal	321	315	29.4	57.4	13.2	1.1	0.8	511.5	512.6	498.3	532.9	510.7
Qatar	283	276	25.7	47.8	26.5	0.8	2.3	473.2	482.2	444.9	527.7	543.2
Romania	188	119	42.1	55.0	2.9	3.9	34.2	524.7	542.2	500.9	511.8	514.4
Saudi Arabia	217	179	43.5	47.2	9.3	6.7	10.5	444.6	410.4	431.9	412.3	439.7
Serbia	213	209	43.0	55.4	1.6	2.3	0.0	505.7	514.5	506.7	479.6	.
Singapore	362	358	3.2	34.6	62.2	0.9	0.3	583.7	598.0	614.0	595.8	585.9
Slovak Republic	269	269	36.6	36.1	27.3	0.0	0.0	517.2	532.8	509.1	.	.
Slovenia	269	259	7.9	78.3	13.8	1.9	1.6	529.9	525.0	525.9	516.7	543.1
South Africa (5)	287	211	19.9	70.1	10.0	2.7	24.6	323.6	309.5	255.0	305.9	311.3
Spain	582	551	24.5	52.6	22.9	3.0	2.0	503.5	504.3	502.9	506.8	512.2
Sweden	250	194	3.9	49.9	46.2	7.4	14.5	545.9	537.9	533.9	498.2	529.4
Turkiye (5)	171	168	6.6	48.5	44.9	1.9	0.0	606.8	567.8	565.8	602.1	.
United Arab Emirates	1435	1188	28.4	61.5	10.1	2.8	11.2	517.8	486.9	503.7	475.9	481.2
United States	495	465	9.4	74.2	16.4	2.9	3.6	543.3	533.3	521.9	542.5	526.0
Uzbekistan	168	154	47.5	44.6	7.8	6.4	2.0	418.2	406.6	416.7	394.5	420.6
International Avg. (58)	17865	15297	21.5	52.7	25.9	4.3	9.3	497.2	495.4	489.9	488.9	491.4
Ontario, Canada	286	224	28.8	37.1	34.1	8.0	11.8	532.8	524.3	523.3	529.1	514.7
Quebec, Canada	215	183	14.2	64.7	21.2	4.4	8.0	512.5	503.8	511.2	516.7	512.1
Abu Dhabi, UAE	553	455	19.1	71.6	9.3	3.4	11.4	481.5	435.0	497.7	390.0	436.0
Dubai, UAE	359	303	34.4	55.2	10.5	2.9	9.4	567.0	566.3	553.2	568.0	534.8
Sharjah, UAE	284	222	30.1	60.9	9.0	2.1	14.9	499.7	512.9	471.7	521.7	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: How light is related to shadows, reflections, and rainbows

Location: TQS-09Bi (ATBS09BI)

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
Albania	123	90	37.7	21.9	40.4	7.6	17.7	490.7	501.9	478.2	477.1	507.0
Armenia	211	156	10.1	19.6	70.3	22.5	1.9	471.5	457.0	460.4	445.1	461.0
Australia	347	227	30.9	23.8	45.3	5.1	27.0	548.6	551.3	555.0	536.7	545.2
Azerbaijan	271	200	29.8	23.9	46.3	13.6	12.8	423.6	421.8	426.5	406.6	420.6
Bahrain	212	205	24.4	29.7	45.9	2.9	0.0	481.2	482.1	469.5	439.0	.
Belgium (Flemish)	278	207	13.3	19.0	67.7	2.9	19.7	492.3	490.1	491.9	482.4	477.0
Belgium (French)	344	276	8.9	9.5	81.7	4.1	14.9	508.2	496.5	477.8	500.7	466.6
Bosnia & Herzegovina	236	170	5.0	19.7	75.3	6.6	20.2	462.8	442.2	451.4	457.3	438.8
Brazil	1047	890	16.4	28.4	55.2	12.9	1.6	441.2	415.6	429.4	407.8	437.3
Bulgaria	208	200	5.8	50.7	43.5	2.7	1.0	575.5	536.8	519.3	467.4	515.0
Canada	917	784	9.4	57.1	33.5	5.7	9.4	516.6	526.4	514.5	525.6	515.2
Chile	178	158	65.3	18.1	16.6	3.3	7.1	480.3	475.8	481.1	486.3	471.0
Chinese Taipei	238	232	29.6	64.7	5.7	1.6	0.0	571.5	572.6	578.7	572.7	.
Cyprus	267	259	9.4	27.2	63.4	1.5	1.5	495.7	493.9	483.0	484.6	476.8
Czech Republic	344	336	5.7	13.3	81.0	0.7	1.1	531.9	525.2	526.3	432.6	525.8
Denmark	178	170	19.2	18.2	62.6	17.9	19.5	522.6	517.7	524.5	519.6	521.9
England	178	124	56.0	25.9	18.1	3.0	23.3	554.6	562.6	564.4	546.8	550.7
Finland	369	346	14.1	41.8	44.0	2.2	2.7	548.0	542.8	542.0	534.2	509.7
France	306	233	19.4	14.5	66.1	5.4	18.1	489.1	488.3	487.7	496.1	486.0
Georgia	218	210	40.3	32.9	26.9	4.6	0.0	469.3	468.0	459.2	440.2	.
Germany	243	194	29.6	10.6	59.8	5.2	13.5	518.9	507.2	514.7	514.9	517.8
Hong Kong SAR	182	121	12.1	12.6	75.2	0.8	31.3	532.7	584.4	535.6	594.6	552.3
Hungary	263	214	17.2	29.2	53.6	1.4	15.7	526.4	531.2	518.5	491.3	530.6
Iran, Islamic Rep. of	224	220	36.2	31.0	32.7	2.0	0.0	428.0	428.6	439.1	445.4	.
Ireland	239	237	33.4	43.6	23.0	0.5	0.4	537.5	532.1	522.9	543.4	537.9
Italy	266	257	5.0	11.1	83.9	2.1	0.7	499.7	502.3	512.6	498.1	504.4
Japan	142	136	45.1	4.4	50.5	3.4	1.6	555.8	559.4	553.3	552.6	568.6
Jordan	224	216	18.2	74.9	6.9	2.7	0.3	398.3	425.0	399.8	401.3	336.1
Kazakhstan	303	237	33.8	61.7	4.5	18.9	1.3	470.5	467.6	441.3	461.5	484.2
Korea, Rep. of	199	172	0.4	76.9	22.7	5.3	7.9	599.6	582.6	590.8	574.3	575.3
Kosovo	231	197	13.6	40.4	46.0	5.2	9.5	396.3	392.3	418.6	403.6	386.5
Kuwait	164	161	18.2	68.3	13.5	0.6	1.4	365.5	358.0	458.4	333.3	418.7
Latvia	213	202	5.5	92.1	2.5	1.4	3.8	534.7	525.6	549.7	498.5	508.2
Lithuania	250	244	53.7	33.8	12.6	0.9	0.5	537.7	536.5	532.5	551.5	572.4
Macao SAR	275	273	69.5	13.1	17.4	0.1	0.0	539.7	533.1	522.6	505.4	.
Montenegro	338	312	3.9	27.9	68.2	4.8	4.0	448.0	463.2	459.3	466.5	469.7
Morocco	303	267	23.4	67.1	9.5	5.1	5.9	384.8	398.7	371.8	370.8	366.6
Netherlands	188	110	10.5	38.0	51.6	6.1	32.9	514.3	515.7	519.8	507.3	517.3
New Zealand	396	195	24.3	27.1	48.6	3.9	45.2	524.4	519.0	527.5	516.3	508.5
North Macedonia	274	192	47.0	30.2	22.7	4.3	25.2	441.3	435.1	450.0	424.1	433.4
Norway (5)	314	200	15.8	6.7	77.5	6.9	26.6	530.6	533.1	534.4	528.7	522.7
Oman	287	265	70.5	11.9	17.6	5.1	2.6	429.6	432.5	440.3	441.9	442.7
Poland	267	261	1.5	17.9	80.6	2.0	0.7	543.9	550.8	549.5	553.5	572.0
Portugal	321	313	42.2	27.9	29.9	2.7	0.8	513.1	508.6	509.1	510.7	510.7
Qatar	283	276	29.3	29.8	41.0	0.8	2.3	477.5	478.7	458.4	527.7	543.2
Romania	188	119	10.3	53.7	36.0	3.9	34.2	527.8	528.0	543.7	511.8	514.4
Saudi Arabia	217	176	43.2	28.4	28.4	8.2	10.5	432.7	430.7	415.4	415.5	439.7
Serbia	213	209	54.8	29.0	16.3	2.0	0.0	512.5	509.7	503.6	490.8	.
Singapore	362	358	2.5	91.4	6.1	0.9	0.3	584.1	607.7	614.6	595.8	585.9
Slovak Republic	269	269	44.4	15.4	40.2	0.0	0.0	524.0	539.6	509.6	.	.
Slovenia	269	259	10.7	70.9	18.4	1.9	1.6	531.7	524.4	526.3	516.7	543.1
South Africa (5)	287	209	10.7	24.3	65.0	3.2	24.9	313.2	281.9	314.6	299.7	313.0
Spain	582	552	12.3	31.8	55.8	3.3	2.0	499.7	512.4	499.7	508.4	512.2
Sweden	250	193	4.7	13.2	82.1	8.2	14.5	533.3	538.0	536.2	502.0	529.4
Turkiye (5)	171	167	3.7	81.7	14.6	2.7	0.0	584.9	569.4	568.6	578.8	.
United Arab Emirates	1435	1187	31.0	50.2	18.7	3.0	11.2	521.7	486.3	486.0	480.9	481.2
United States	495	465	18.7	47.8	33.5	2.9	3.6	538.6	534.8	525.3	542.5	526.0
Uzbekistan	168	154	46.2	29.4	24.4	6.4	2.0	416.1	411.2	408.9	394.5	420.6
International Avg. (58)	17865	15262	24.2	34.8	41.0	4.6	9.3	497.3	495.6	494.9	486.2	491.4
Ontario, Canada	286	225	4.0	79.5	16.5	8.0	11.8	495.5	526.7	532.6	529.1	514.7
Quebec, Canada	215	183	17.1	12.5	70.3	4.1	8.0	507.3	498.7	507.7	519.5	512.1
Abu Dhabi, UAE	553	456	25.2	50.6	24.2	3.3	11.4	468.9	435.1	460.0	389.5	436.0
Dubai, UAE	359	303	41.0	49.7	9.3	3.0	9.4	584.3	554.5	539.2	565.3	534.8
Sharjah, UAE	284	222	29.3	44.0	26.6	2.1	14.9	501.4	499.8	518.8	517.3	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: How vibrations are related to sound
Location: TQS-09Bj (ATBS09BJ)

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
Albania	123	91	14.6	76.0	9.5	6.6	17.7	497.1	488.4	468.0	479.5	507.0
Armenia	211	157	8.2	12.2	79.6	22.1	1.9	456.3	461.5	461.0	445.4	461.0
Australia	347	228	34.3	13.3	52.4	5.0	27.0	554.4	550.6	551.0	537.3	545.2
Azerbaijan	271	197	10.6	20.1	69.3	14.7	12.8	411.5	428.3	425.6	407.3	420.6
Bahrain	212	209	22.1	29.6	48.3	1.1	0.0	489.3	470.6	471.8	447.5	.
Belgium (Flemish)	278	208	6.9	36.6	56.4	2.3	19.7	488.8	489.8	492.4	493.5	477.0
Belgium (French)	344	276	3.3	7.4	89.3	4.1	14.9	475.4	465.0	484.0	500.7	466.6
Bosnia & Herzegovina	236	169	1.5	5.4	93.0	8.7	20.2	480.3	453.3	449.4	455.9	438.8
Brazil	1047	886	15.6	18.8	65.6	12.8	1.6	438.7	401.9	431.4	410.2	437.3
Bulgaria	208	201	5.7	89.9	4.4	2.3	1.0	519.3	532.2	533.9	454.8	515.0
Canada	917	785	16.0	46.0	38.0	5.6	9.4	531.8	523.0	515.4	525.4	515.2
Chile	178	157	66.2	22.1	11.6	3.7	7.1	483.7	471.3	471.9	488.0	471.0
Chinese Taipei	238	232	18.9	70.7	10.4	2.4	0.0	567.7	574.3	567.0	586.2	.
Cyprus	267	260	6.6	10.4	82.9	1.2	1.5	483.7	507.6	484.9	485.7	476.8
Czech Republic	344	336	0.2	4.5	95.2	1.1	1.1	422.5	511.6	527.4	471.7	525.8
Denmark	278	171	6.5	9.9	83.6	17.8	19.5	524.3	523.3	522.7	519.5	521.9
England	178	124	74.3	13.2	12.5	3.0	23.3	556.0	571.8	559.2	546.8	550.7
Finland	369	345	10.5	42.4	47.1	2.5	2.7	551.8	540.5	543.8	533.0	509.7
France	306	233	1.8	4.6	93.6	5.4	18.1	470.4	486.7	488.5	496.1	486.0
Georgia	218	212	30.8	22.4	46.8	2.5	0.0	466.5	468.2	463.2	451.3	.
Germany	243	190	15.3	5.9	78.8	6.8	13.5	530.1	507.2	512.8	515.2	517.8
Hong Kong SAR	182	121	10.5	9.1	80.5	0.8	31.3	537.6	537.3	542.4	594.6	552.3
Hungary	263	214	8.6	21.3	70.1	1.4	15.7	544.0	533.7	518.0	491.3	530.6
Iran, Islamic Rep. of	224	221	17.8	48.8	33.4	1.4	0.0	433.6	430.1	433.1	457.7	.
Ireland	239	235	18.5	44.8	36.7	1.4	0.4	536.8	530.0	531.1	547.6	537.9
Italy	266	258	5.9	9.1	85.0	1.8	0.7	512.5	506.2	511.1	503.8	504.4
Japan	142	136	49.2	5.3	45.5	3.4	1.6	552.8	560.2	556.1	552.6	568.6
Jordan	224	217	22.5	27.5	50.0	2.5	0.3	403.7	413.3	427.3	411.1	336.1
Kazakhstan	303	238	33.6	54.3	12.1	18.9	1.3	468.7	469.6	452.3	462.4	484.2
Korea, Rep. of	199	172	23.6	16.4	60.1	5.3	7.9	588.2	572.5	586.4	574.3	575.3
Kosovo	231	198	18.6	66.9	14.4	4.8	9.5	406.1	405.9	399.4	402.0	386.5
Kuwait	164	162	28.8	22.6	48.6	0.0	1.4	362.1	403.3	364.7	.	418.7
Latvia	213	202	6.1	87.6	6.2	1.4	3.8	538.0	525.8	527.5	498.5	508.2
Lithuania	250	240	35.8	28.9	35.3	2.3	0.5	534.0	533.5	541.2	551.0	572.4
Macao SAR	275	272	61.9	8.3	29.8	0.6	0.0	540.1	508.7	535.2	494.7	.
Montenegro	338	313	2.1	10.0	87.9	4.8	4.0	467.7	461.7	459.6	466.3	469.7
Morocco	303	270	14.8	12.8	72.4	3.4	5.9	409.7	376.2	390.2	403.3	366.6
Netherlands	188	109	2.6	52.0	45.4	6.4	32.9	527.1	519.3	515.3	507.8	517.3
New Zealand	396	193	15.2	24.5	60.3	4.2	45.2	532.6	520.0	523.8	519.5	508.5
North Macedonia	274	194	12.3	67.5	20.2	3.6	25.2	443.2	446.1	423.5	425.5	433.4
Norway (5)	314	201	10.3	4.9	84.8	6.6	26.6	536.6	536.0	533.2	528.6	522.7
Oman	287	264	24.1	66.8	9.1	5.3	2.6	435.5	427.9	464.9	420.2	442.7
Poland	267	261	0.7	7.6	91.7	2.0	0.7	565.0	538.2	550.4	553.5	572.0
Portugal	321	313	24.6	23.4	52.0	1.9	0.8	513.5	511.8	508.2	523.4	510.7
Qatar	283	276	19.3	55.2	25.5	0.8	2.3	503.0	447.2	494.4	527.7	543.2
Romania	188	118	13.9	42.2	43.9	4.3	34.2	517.6	527.6	544.3	514.7	514.4
Saudi Arabia	217	178	42.4	27.2	30.4	7.4	10.5	436.4	422.2	419.3	412.7	439.7
Serbia	213	208	43.4	32.3	24.3	2.5	0.0	515.9	508.0	503.6	489.6	.
Singapore	362	358	0.8	1.5	97.8	0.9	0.3	532.5	630.0	607.8	595.8	585.9
Slovak Republic	269	269	11.3	6.5	82.2	0.0	0.0	522.1	524.0	520.1	.	.
Slovenia	269	259	10.2	27.9	61.9	1.9	1.6	525.4	528.8	524.1	516.7	543.1
South Africa (5)	287	211	41.5	23.5	35.0	2.7	24.6	322.6	277.1	308.2	305.9	311.3
Spain	582	548	8.2	23.4	68.4	3.5	2.0	500.8	511.8	501.3	507.9	512.2
Sweden	250	193	3.6	7.8	88.6	7.8	14.5	519.4	537.5	537.0	498.7	529.4
Turkiye (5)	171	168	6.4	25.9	67.7	1.9	0.0	588.0	567.8	568.4	602.1	.
United Arab Emirates	1435	1190	29.8	53.3	16.9	2.7	11.2	531.3	475.4	507.1	474.2	481.2
United States	495	465	9.7	63.9	26.3	2.9	3.6	545.6	536.3	517.8	542.5	526.0
Uzbekistan	168	154	36.4	20.3	43.3	6.4	2.0	418.5	411.1	409.1	394.5	420.6
International Avg. (58)	17865	15266	18.9	29.2	51.9	4.5	9.3	496.0	493.1	494.5	491.5	491.4
Ontario, Canada	286	225	3.3	77.9	18.9	8.0	11.8	492.5	527.0	529.9	529.1	514.7
Quebec, Canada	215	184	4.0	15.2	80.8	3.9	8.0	532.6	508.5	505.0	518.4	512.1
Abu Dhabi, UAE	553	457	21.3	61.1	17.6	3.2	11.4	480.2	425.8	496.2	383.6	436.0
Dubai, UAE	359	303	48.0	44.1	7.9	2.9	9.4	575.7	551.7	576.8	566.3	534.8
Sharjah, UAE	284	222	25.4	46.2	28.4	2.3	14.9	516.0	491.9	517.7	515.9	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Movement of heat from hotter to cooler objects
Location: TQS-09Bk (ATBS09BK)

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
Albania	123	91	16.9	59.0	24.1	6.6	17.7	475.4	491.2	487.8	479.5	507.0
Armenia	211	157	9.7	27.5	62.8	22.1	1.9	459.5	461.4	460.9	444.6	461.0
Australia	347	228	32.1	36.7	31.2	5.0	27.0	548.0	553.4	554.8	537.3	545.2
Azerbaijan	271	198	17.5	18.3	64.2	14.2	12.8	424.4	427.3	424.3	405.6	420.6
Bahrain	212	207	19.1	30.4	50.4	2.4	0.0	486.0	480.8	469.8	422.6	.
Belgium (Flemish)	278	207	2.2	12.3	85.5	2.8	19.7	469.4	484.4	492.5	499.6	477.0
Belgium (French)	344	276	4.4	11.5	84.1	4.2	14.9	470.4	477.6	483.4	502.3	466.6
Bosnia & Herzegovina	236	170	2.5	30.9	66.6	6.6	20.2	461.0	437.9	455.4	457.3	438.8
Brazil	1047	886	11.0	28.8	60.2	13.2	1.6	433.8	406.5	435.3	411.7	437.3
Bulgaria	208	202	4.5	70.4	25.1	1.9	1.0	561.7	537.5	509.9	434.3	515.0
Canada	917	785	20.5	21.8	57.7	5.6	9.4	527.2	517.5	521.0	525.4	515.2
Chile	178	157	23.0	23.0	54.1	3.9	7.1	477.4	468.2	485.8	481.5	471.0
Chinese Taipei	238	232	20.0	16.8	63.2	1.9	0.0	572.6	573.5	572.0	583.8	.
Cyprus	267	260	9.2	28.1	62.7	1.2	1.5	504.9	477.3	489.1	480.6	476.8
Czech Republic	344	336	2.8	7.1	90.1	1.1	1.1	530.2	531.7	525.9	471.7	525.8
Denmark	278	171	9.6	15.7	74.7	17.5	19.5	518.8	527.0	522.9	518.5	521.9
England	178	124	44.1	24.2	31.7	3.0	23.3	550.4	566.6	563.5	546.8	550.7
Finland	369	346	13.6	25.1	61.3	2.2	2.7	540.5	538.4	545.7	534.2	509.7
France	306	232	3.6	5.1	91.3	5.7	18.1	488.1	485.0	488.0	498.7	486.0
Georgia	218	210	27.2	37.9	34.9	3.4	0.0	464.5	463.1	469.1	447.4	.
Germany	243	192	9.6	11.5	78.9	6.0	13.5	514.9	525.8	513.9	512.2	517.8
Hong Kong SAR	182	121	31.5	25.9	42.7	0.8	31.3	536.2	560.6	533.6	594.6	552.3
Hungary	263	214	5.4	10.4	84.3	1.4	15.7	543.6	550.1	519.1	491.3	530.6
Iran, Islamic Rep. of	224	221	10.9	84.2	4.9	1.4	0.0	425.1	436.1	370.9	457.7	.
Ireland	239	237	17.6	35.2	47.2	0.5	0.4	538.2	531.2	529.9	543.4	537.9
Italy	266	258	16.3	49.1	34.6	1.8	0.7	514.1	509.1	511.4	503.8	504.4
Japan	142	135	3.5	58.8	37.8	4.0	1.6	566.9	555.7	552.3	550.6	568.6
Jordan	224	216	22.1	33.8	44.1	2.8	0.3	413.9	423.1	417.0	403.7	336.1
Kazakhstan	303	238	29.1	61.6	9.2	18.6	1.3	454.9	470.4	494.4	458.4	484.2
Korea, Rep. of	199	172	2.4	20.8	76.8	5.3	7.9	570.2	575.6	587.4	574.3	575.3
Kosovo	231	195	17.2	60.2	22.5	6.3	9.5	408.9	401.9	412.6	396.0	386.5
Kuwait	164	160	34.2	28.1	37.7	1.1	1.4	348.3	391.2	382.6	318.9	418.7
Latvia	213	201	22.7	16.8	60.5	2.2	3.8	529.8	525.3	525.9	507.0	508.2
Lithuania	250	243	28.9	36.3	34.8	1.0	0.5	538.4	534.9	537.1	545.5	572.4
Macao SAR	275	273	60.3	17.2	22.5	0.1	0.0	540.0	540.8	520.7	505.4	.
Montenegro	338	313	2.3	40.0	57.8	4.8	4.0	448.7	461.3	459.5	466.3	469.7
Morocco	303	269	20.6	72.4	7.0	3.3	5.9	399.8	391.9	361.9	399.8	366.6
Netherlands	188	109	4.9	17.4	77.7	6.4	32.9	526.7	527.8	514.9	507.8	517.3
New Zealand	396	191	19.0	18.8	62.3	4.7	45.2	527.8	517.6	525.0	521.2	508.5
North Macedonia	274	192	20.4	47.4	32.1	4.4	25.2	440.9	433.8	450.1	439.0	433.4
Norway (5)	314	200	9.8	7.2	83.0	6.9	26.6	535.0	535.2	533.5	527.9	522.7
Oman	287	266	31.8	20.3	47.9	4.3	2.6	424.9	443.4	432.9	429.9	442.7
Poland	267	261	1.1	8.5	90.5	2.0	0.7	580.0	543.4	549.8	553.5	572.0
Portugal	321	312	20.6	31.4	48.0	2.2	0.8	513.9	511.3	508.1	525.5	510.7
Qatar	283	275	12.2	57.0	30.7	1.3	2.3	504.0	457.8	479.6	495.2	543.2
Romania	188	118	23.4	56.4	20.2	4.7	34.2	526.5	534.0	537.2	524.8	514.4
Saudi Arabia	217	179	16.3	80.7	3.0	6.8	10.5	422.3	429.6	398.3	410.4	439.7
Serbia	213	209	52.6	30.5	16.9	2.0	0.0	510.2	514.3	503.1	490.8	.
Singapore	362	357	2.2	96.1	1.7	1.1	0.3	588.4	607.6	634.2	590.0	585.9
Slovak Republic	269	269	28.5	14.3	57.2	0.0	0.0	523.5	522.8	518.6	.	.
Slovenia	269	259	4.0	36.1	59.9	1.9	1.6	517.9	525.9	525.8	516.7	543.1
South Africa (5)	287	207	17.1	43.5	39.3	4.7	24.9	292.3	309.2	315.9	266.2	313.0
Spain	582	551	10.4	32.8	56.8	2.9	2.0	498.3	507.2	502.7	507.8	512.2
Sweden	250	194	1.5	45.2	53.3	7.4	14.5	538.2	536.4	536.2	498.2	529.4
Turkiye (5)	171	167	7.3	88.5	4.2	2.7	0.0	581.6	570.3	540.7	578.8	.
United Arab Emirates	1435	1187	15.7	66.0	18.3	3.1	11.2	512.4	491.2	506.5	478.5	481.2
United States	495	464	11.0	48.4	40.5	3.1	3.6	545.0	534.2	526.9	540.1	526.0
Uzbekistan	168	152	41.4	31.4	27.2	7.6	2.0	409.6	410.8	418.7	402.5	420.6
International Avg. (58)	17865	15252	16.9	35.7	47.4	4.6	9.3	496.1	495.8	493.9	486.3	491.4
Ontario, Canada	286	225	17.7	28.6	53.7	8.0	11.8	526.3	526.0	526.8	529.1	514.7
Quebec, Canada	215	184	12.0	21.2	66.9	3.9	8.0	510.3	502.7	507.2	518.4	512.1
Abu Dhabi, UAE	553	456	10.4	71.9	17.6	3.4	11.4	460.5	441.3	477.6	391.0	436.0
Dubai, UAE	359	303	20.9	62.4	16.7	3.0	9.4	572.4	566.8	552.9	553.3	534.8
Sharjah, UAE	284	223	17.4	57.9	24.7	2.0	14.9	486.6	501.9	526.6	518.7	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Simple electrical circuits
Location: TQS-09B1 (ATBS09BL)

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
Albania	123	90	23.8	74.3	1.9	7.4	17.7	496.5	485.0	500.7	477.0	507.0
Armenia	211	155	3.7	6.4	90.0	23.2	1.9	438.0	473.1	460.8	446.0	461.0
Australia	347	226	14.3	7.0	78.8	5.5	27.0	552.2	549.9	552.5	536.3	545.2
Azerbaijan	271	196	10.6	16.8	72.7	14.9	12.8	409.3	429.5	426.8	403.8	420.6
Bahrain	212	210	27.8	23.0	49.1	1.0	0.0	485.5	488.2	463.4	445.0	.
Belgium (Flemish)	278	208	6.5	32.7	60.8	2.3	19.7	490.6	489.1	492.4	493.5	477.0
Belgium (French)	344	279	14.1	30.8	55.1	3.5	14.9	491.2	489.3	476.4	499.9	466.6
Bosnia & Herzegovina	236	169	0.0	4.0	96.0	7.1	20.2	.	449.6	450.1	458.1	438.8
Brazil	1047	885	5.8	11.2	83.0	13.5	1.6	423.1	392.5	431.6	413.0	437.3
Bulgaria	208	201	2.2	10.8	87.0	2.5	1.0	507.2	512.8	535.6	420.6	515.0
Canada	917	784	6.6	10.5	82.9	5.7	9.4	527.5	510.4	522.4	525.1	515.2
Chile	178	158	3.6	3.4	93.0	3.3	7.1	450.9	462.1	481.4	486.3	471.0
Chinese Taipei	238	234	28.7	63.8	7.5	1.2	0.0	570.4	573.7	570.8	580.0	.
Cyprus	267	261	10.4	78.3	11.3	0.8	1.5	502.1	487.3	473.4	475.2	476.8
Czech Republic	344	337	0.4	0.3	99.3	0.6	1.1	498.8	544.0	526.5	422.4	525.8
Denmark	278	173	30.8	39.3	29.9	17.1	19.5	525.8	522.4	520.9	519.0	521.9
England	178	123	71.3	18.8	9.9	3.5	23.3	557.0	567.2	552.9	547.5	550.7
Finland	369	345	9.6	21.7	68.6	2.6	2.7	538.3	545.4	542.9	540.4	509.7
France	236	233	31.1	18.7	50.2	5.4	18.1	487.0	494.5	486.4	495.4	486.0
Georgia	218	209	3.7	14.0	82.3	4.2	0.0	453.6	462.2	465.8	467.7	.
Germany	243	195	18.2	34.8	47.1	4.8	13.5	521.7	515.2	511.2	525.4	517.8
Hong Kong SAR	182	121	13.1	6.8	80.1	0.8	31.3	537.6	535.7	542.5	594.6	552.3
Hungary	263	214	0.0	1.1	98.9	1.4	15.7	.	548.2	523.3	491.3	530.6
Iran, Islamic Rep. of	224	221	7.0	90.6	2.4	1.4	0.0	424.2	433.8	375.6	457.7	.
Ireland	239	235	11.2	26.1	62.7	1.7	0.4	544.0	540.8	525.6	546.4	537.9
Italy	266	258	0.8	4.3	95.0	1.8	0.7	493.3	508.2	511.0	503.8	504.4
Japan	142	136	33.7	63.1	3.2	3.4	1.6	560.2	553.0	530.2	552.6	568.6
Jordan	224	215	16.2	82.4	1.5	3.4	0.3	403.7	421.4	405.2	409.0	336.1
Kazakhstan	303	235	32.9	53.7	13.4	19.1	1.3	460.9	466.4	488.6	461.0	484.2
Korea, Rep. of	199	172	2.1	9.3	88.6	5.3	7.9	565.7	575.6	585.9	574.3	575.3
Kosovo	231	197	7.0	87.2	5.8	5.6	9.5	407.9	404.4	418.5	396.2	386.5
Kuwait	164	161	48.9	22.9	28.2	0.5	1.4	352.0	387.5	395.7	422.2	418.7
Latvia	213	201	36.3	9.1	54.6	1.8	3.8	528.1	525.9	526.1	497.5	508.2
Lithuania	250	244	12.6	64.7	22.7	0.9	0.5	525.7	541.1	530.0	551.5	572.4
Macao SAR	275	272	21.9	18.3	59.8	0.7	0.0	556.1	542.3	526.3	535.1	.
Montenegro	338	311	1.6	6.9	91.5	5.5	4.0	451.2	463.7	459.7	468.1	469.7
Morocco	303	268	15.3	81.6	3.1	3.4	5.9	392.9	392.3	367.6	393.6	366.6
Netherlands	188	109	5.9	19.5	74.6	6.4	32.9	523.8	513.6	518.3	507.8	517.3
New Zealand	396	193	11.0	27.6	61.4	4.2	45.2	529.3	524.4	523.5	517.6	508.5
North Macedonia	274	193	49.0	18.1	33.0	3.7	25.2	436.5	440.4	447.9	430.2	433.4
Norway (5)	314	201	4.3	9.0	86.7	6.4	26.6	532.6	536.4	533.5	527.9	522.7
Oman	287	266	31.0	62.3	6.7	4.5	2.6	419.0	432.5	493.3	432.5	442.7
Poland	267	261	0.0	1.3	98.7	2.0	0.7	.	553.9	549.6	553.5	572.0
Portugal	321	310	13.2	39.4	47.4	2.9	0.8	504.3	517.5	505.4	530.3	510.7
Qatar	283	276	29.9	23.7	46.3	0.8	2.3	464.3	485.7	465.7	527.7	543.2
Romania	188	118	11.1	59.5	29.4	4.9	34.2	528.3	542.0	522.4	502.4	514.4
Saudi Arabia	217	180	15.1	75.9	8.9	6.4	10.5	430.7	428.9	407.9	411.5	439.7
Serbia	213	208	19.3	52.7	28.1	2.6	0.0	508.4	516.4	500.7	488.3	.
Singapore	362	358	2.0	1.6	96.4	0.9	0.3	611.9	616.0	607.3	595.8	585.9
Slovak Republic	269	269	11.7	14.6	73.8	0.0	0.0	512.8	520.0	521.9	.	.
Slovenia	269	259	7.0	84.6	8.5	1.9	1.6	533.7	524.9	524.9	516.7	543.1
South Africa (5)	287	211	13.4	82.1	4.5	2.7	24.8	315.1	307.1	261.6	305.9	313.3
Spain	582	552	3.9	14.6	81.4	2.8	2.0	505.1	505.3	503.6	501.3	512.2
Sweden	250	194	3.7	16.9	79.4	7.4	14.5	544.3	535.8	536.1	498.2	529.4
Turkiye (5)	171	168	15.5	70.9	13.6	1.9	0.0	588.7	564.4	574.2	602.1	.
United Arab Emirates	1435	1191	22.1	54.8	23.1	2.7	11.2	529.6	478.1	512.2	475.8	481.2
United States	495	465	5.7	60.4	33.9	2.9	3.6	554.1	537.7	519.6	538.2	526.0
Uzbekistan	168	153	30.0	17.6	52.3	7.0	2.0	414.5	421.1	409.1	396.9	420.6
International Avg. (58)	17865	15267	15.3	33.7	51.0	4.5	9.3	493.0	496.3	493.0	489.4	491.4
Ontario, Canada	286	225	10.8	13.4	75.8	8.0	11.8	533.3	516.8	527.2	529.1	514.7
Quebec, Canada	215	184	2.6	9.2	88.2	3.9	8.0	513.8	500.8	507.0	518.4	512.1
Abu Dhabi, UAE	553	457	14.7	65.1	20.2	3.2	11.4	483.9	430.2	488.3	383.6	436.0
Dubai, UAE	359	304	34.2	48.7	17.1	2.8	9.4	577.3	555.7	568.3	566.5	534.8
Sharjah, UAE	284	223	23.1	41.6	35.3	2.0	14.9	497.3	492.8	525.3	518.7	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: How motion is affected by forces
(e.g., gravity, pushing, pulling, friction)

Location: TQS-09Bm (ATBS09BM)

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
Albania	123	90	34.4	35.1	30.5	7.1	17.7	490.4	491.8	480.6	478.3	507.0
Armenia	211	158	5.9	13.0	81.1	21.8	1.9	451.4	469.1	460.1	444.9	461.0
Australia	347	228	19.3	70.2	10.5	5.0	27.0	544.2	554.8	548.9	537.3	545.2
Azerbaijan	271	195	9.3	12.7	78.0	15.2	12.8	421.6	422.6	425.2	408.4	420.6
Bahrain	212	210	24.4	66.5	9.2	1.0	0.0	473.7	472.8	497.5	445.0	.
Belgium (Flemish)	278	207	3.9	19.7	76.4	2.9	19.7	492.2	503.7	488.0	491.4	477.0
Belgium (French)	344	277	2.2	4.8	93.1	3.9	14.9	468.3	485.7	482.2	504.9	466.6
Bosnia & Herzegovina	236	169	2.4	11.7	86.0	7.0	20.2	449.9	459.9	448.9	457.0	438.8
Brazil	1047	894	8.6	15.6	75.8	12.4	1.6	419.4	413.4	430.6	410.0	437.3
Bulgaria	208	201	4.3	90.4	5.2	2.4	1.0	491.0	533.8	528.3	450.4	515.0
Canada	917	785	24.3	39.3	36.3	5.6	9.4	526.3	520.1	519.8	525.4	515.2
Chile	178	158	7.0	65.5	27.5	3.3	7.1	485.6	481.4	473.9	486.3	471.0
Chinese Taipei	238	233	19.4	45.1	35.5	1.5	0.0	575.5	569.2	575.2	578.4	.
Cyprus	267	260	44.5	10.0	45.5	1.4	1.5	496.5	490.5	478.0	464.9	476.8
Czech Republic	344	335	1.1	5.7	93.2	1.2	1.1	531.4	538.3	525.5	487.9	525.8
Denmark	278	172	13.7	26.8	59.5	17.1	19.5	526.3	523.8	521.6	519.7	521.9
England	178	124	17.5	69.3	13.3	3.0	23.3	556.5	561.5	545.2	546.8	550.7
Finland	369	345	15.2	22.8	61.9	2.6	2.7	536.9	545.6	543.7	538.5	509.7
France	306	233	0.9	13.2	86.0	5.4	18.1	455.9	482.5	489.3	496.1	486.0
Georgia	218	213	6.6	80.0	13.4	3.2	0.0	469.9	467.1	453.5	449.0	.
Germany	243	194	18.0	14.0	68.0	5.4	13.5	516.3	518.3	514.1	515.6	517.8
Hong Kong SAR	182	120	6.6	7.5	85.9	1.1	31.3	546.4	548.8	540.3	583.8	552.3
Hungary	263	213	0.6	1.6	97.8	1.7	15.7	505.4	523.6	523.5	505.9	530.6
Iran, Islamic Rep. of	224	220	25.7	37.7	36.6	1.7	0.0	422.3	429.7	440.7	447.7	.
Ireland	239	237	20.7	54.2	25.1	0.5	0.4	533.1	531.0	532.7	543.4	537.9
Italy	266	257	1.5	6.5	92.0	2.2	0.7	512.3	501.0	511.5	500.3	504.4
Japan	142	136	8.8	7.5	83.7	3.4	1.6	557.5	547.8	555.0	552.6	568.6
Jordan	224	217	21.0	77.8	1.2	2.5	0.3	406.8	421.3	411.5	411.1	336.1
Kazakhstan	303	237	39.1	53.8	7.1	18.7	1.3	466.6	466.4	482.3	460.8	484.2
Korea, Rep. of	199	172	2.9	15.3	81.8	5.3	7.9	596.7	566.2	587.5	574.3	575.3
Kosovo	231	197	19.4	65.5	15.1	5.0	9.5	408.8	401.9	413.1	403.3	386.5
Kuwait	164	160	24.4	52.5	23.1	1.2	1.4	370.3	379.0	362.8	336.2	418.7
Latvia	213	202	4.1	90.7	5.2	1.4	3.8	527.2	525.7	542.3	498.5	508.2
Lithuania	250	244	12.8	61.6	25.7	0.9	0.5	515.3	542.7	532.7	551.5	572.4
Macao SAR	275	273	22.6	11.4	66.1	0.1	0.0	560.2	545.1	525.9	505.4	.
Montenegro	338	313	5.2	8.5	86.3	4.8	4.0	439.4	478.6	459.4	466.3	469.7
Morocco	303	269	16.2	70.7	13.1	3.5	5.9	410.1	386.2	392.3	412.7	366.6
Netherlands	188	109	8.5	30.0	61.5	6.4	32.9	513.3	524.1	515.2	507.8	517.3
New Zealand	396	194	13.5	38.8	47.7	4.0	45.2	528.5	526.7	521.2	518.2	508.5
North Macedonia	274	195	54.5	19.7	25.8	3.3	25.2	440.0	440.4	443.7	427.7	433.4
Norway (5)	314	201	6.0	16.8	77.2	6.6	26.6	564.3	532.6	531.6	528.6	522.7
Oman	287	269	69.8	15.3	15.0	3.1	2.6	424.8	454.5	446.4	426.7	442.7
Poland	267	261	0.0	1.8	98.2	2.0	0.7	.	561.5	549.4	553.5	572.0
Portugal	321	312	30.5	35.6	33.9	2.2	0.8	511.6	512.3	507.0	525.5	510.7
Qatar	283	275	15.0	41.7	43.3	0.8	2.3	466.8	502.3	440.1	517.5	543.2
Romania	188	118	28.9	55.6	15.4	4.2	34.2	531.5	534.1	535.8	513.6	514.4
Saudi Arabia	217	180	18.2	78.6	3.1	6.4	10.5	436.7	425.3	421.6	411.5	439.7
Serbia	213	209	60.6	29.0	10.3	2.0	0.0	510.8	514.5	494.8	490.8	.
Singapore	362	358	0.5	2.6	96.8	0.9	0.3	517.6	597.1	608.3	595.8	585.9
Slovak Republic	269	268	13.2	75.4	11.4	0.4	0.0	519.4	522.5	508.6	550.6	.
Slovenia	269	258	10.9	74.7	14.4	2.3	1.6	528.7	525.6	522.8	519.7	543.1
South Africa (5)	287	210	6.5	33.8	59.7	2.7	24.9	326.3	298.9	308.2	305.9	313.0
Spain	582	552	6.8	42.0	51.2	3.3	2.0	488.9	512.2	499.1	502.7	512.2
Sweden	250	194	5.2	24.7	70.1	7.4	14.5	528.1	534.8	537.5	498.2	529.4
Turkiye (5)	171	167	15.4	71.5	13.0	2.7	0.0	590.0	567.3	560.4	578.8	.
United Arab Emirates	1435	1190	22.1	71.3	6.5	2.7	11.2	499.0	495.4	514.0	472.8	481.2
United States	495	464	12.3	60.4	27.4	3.1	3.6	540.6	534.9	522.1	549.8	526.0
Uzbekistan	168	151	29.6	19.7	50.7	7.5	2.0	420.0	415.4	407.1	401.3	420.6
International Avg. (58)	17865	15283	16.3	37.8	45.9	4.4	9.3	492.0	497.1	493.8	489.4	491.4
Ontario, Canada	286	225	43.2	31.4	25.5	8.0	11.8	530.8	523.2	523.0	529.1	514.7
Quebec, Canada	215	184	8.1	41.2	50.7	3.9	8.0	512.8	496.5	513.8	518.4	512.1
Abu Dhabi, UAE	553	455	22.7	70.5	6.8	3.2	11.4	434.8	451.6	481.0	385.0	436.0
Dubai, UAE	359	304	24.3	67.2	8.4	2.8	9.4	574.8	561.0	571.1	566.5	534.8
Sharjah, UAE	284	223	22.2	72.8	5.0	2.0	14.9	503.4	507.9	476.5	518.7	486.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of simple machines (e.g., levers, ramps)
Location: TQS-09Bn (ATBS09BN)

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
Albania	123	91	27.4	24.8	47.8	6.6	17.7	498.0	487.3	482.1	479.5	507.0
Armenia	211	156	7.2	13.3	79.5	22.3	1.9	461.9	463.2	460.5	444.6	461.0
Australia	347	228	32.9	27.3	39.8	5.0	27.0	549.0	550.9	555.5	537.3	545.2
Azerbaijan	271	194	9.0	15.9	75.1	15.1	12.8	416.1	419.9	427.0	406.9	420.6
Bahrain	212	209	18.0	21.2	60.8	1.3	0.0	479.0	485.2	471.4	423.2	.
Belgium (Flemish)	278	208	9.3	21.8	68.8	2.3	19.7	486.3	497.8	489.8	493.5	477.0
Belgium (French)	344	277	4.9	10.1	85.0	3.9	14.9	480.3	482.1	482.2	504.9	466.6
Bosnia & Herzegovina	236	170	0.0	1.9	98.1	6.6	20.2	.	441.2	450.3	457.3	438.8
Brazil	1047	892	6.8	10.2	83.1	12.5	1.6	428.5	391.0	431.3	409.8	437.3
Bulgaria	208	202	6.2	32.9	61.0	1.9	1.0	562.3	540.0	524.0	434.3	515.0
Canada	917	785	24.9	54.0	21.1	5.6	9.4	525.2	523.5	511.9	525.4	515.2
Chile	178	157	10.2	29.6	60.2	3.7	7.1	470.7	481.9	479.9	488.0	471.0
Chinese Taipei	238	234	4.4	7.4	88.2	1.2	0.0	568.3	575.9	572.4	580.0	.
Cyprus	267	260	15.3	5.3	79.3	1.1	1.5	481.6	491.2	488.2	467.1	476.8
Czech Republic	344	337	1.4	1.3	97.3	0.6	1.1	537.1	516.7	526.4	422.4	525.8
Denmark	278	170	17.5	30.0	52.4	18.2	19.5	530.7	519.1	522.5	519.5	521.9
England	178	124	21.9	54.0	24.1	3.0	23.3	547.7	564.2	555.3	546.8	550.7
Finland	369	346	14.7	37.3	48.0	2.2	2.7	540.8	546.8	541.0	534.2	509.7
France	306	233	10.7	20.3	69.0	5.4	18.1	488.6	485.9	488.6	496.1	486.0
Georgia	218	213	4.9	30.8	64.3	2.5	0.0	464.4	460.8	467.6	450.7	.
Germany	243	192	21.8	7.6	70.6	6.1	13.5	529.6	514.5	510.5	516.8	517.8
Hong Kong SAR	182	120	4.8	6.7	88.5	1.5	31.3	529.7	550.2	541.1	581.2	552.3
Hungary	263	214	1.7	1.2	97.1	1.4	15.7	494.9	568.0	523.6	491.3	530.6
Iran, Islamic Rep. of	224	221	18.7	30.5	50.8	1.4	0.0	422.1	428.2	437.4	457.7	.
Ireland	239	236	12.2	42.2	45.7	1.2	0.4	543.7	531.4	528.8	544.4	537.9
Italy	266	256	1.4	4.4	94.2	2.5	0.7	518.8	508.2	511.0	495.8	504.4
Japan	142	136	2.8	4.3	92.9	3.4	1.6	557.2	558.1	554.5	552.6	568.6
Jordan	224	217	29.2	29.4	41.4	2.5	0.3	417.3	423.1	415.2	411.1	336.1
Kazakhstan	303	237	24.4	30.7	44.9	18.7	1.3	454.0	468.4	474.1	461.4	484.2
Korea, Rep. of	199	172	3.4	23.9	72.7	5.3	7.9	583.1	572.9	588.4	574.3	575.3
Kosovo	231	198	28.6	40.9	30.5	4.8	9.5	412.1	401.0	403.7	402.0	386.5
Kuwait	164	162	56.8	19.0	24.1	0.0	1.4	360.1	409.5	373.3	.	418.7
Latvia	213	202	3.9	91.8	4.4	1.2	3.8	522.5	525.7	543.7	517.8	508.2
Lithuania	250	244	15.0	26.1	58.9	0.9	0.5	527.2	544.6	535.5	551.5	572.4
Macao SAR	275	273	11.0	10.0	79.0	0.1	0.0	549.6	545.4	532.7	505.4	.
Montenegro	338	312	3.4	6.5	90.1	4.9	4.0	448.6	475.4	459.3	466.2	469.7
Morocco	303	270	11.9	69.6	18.6	3.5	5.9	407.1	385.3	401.5	412.8	366.6
Netherlands	188	109	13.5	19.5	66.9	6.4	32.9	520.8	519.4	516.5	507.8	517.3
New Zealand	396	194	19.1	34.5	46.4	4.0	45.2	536.8	520.0	522.4	518.2	508.5
North Macedonia	274	194	32.2	14.6	53.2	3.6	25.2	433.9	441.1	445.6	425.5	433.4
Norway (5)	314	200	2.8	10.5	86.7	6.9	26.6	562.1	529.4	533.3	528.6	522.7
Oman	287	267	38.7	13.3	48.0	3.7	2.6	421.0	451.7	436.7	426.5	442.7
Poland	267	259	0.0	0.8	99.2	2.7	0.7	.	554.0	549.6	551.2	572.0
Portugal	321	312	44.5	27.7	27.8	2.2	0.8	511.9	512.9	505.1	525.5	510.7
Qatar	283	275	10.9	27.9	61.3	0.9	2.3	487.4	498.3	454.0	525.9	543.2
Romania	188	119	11.8	25.9	62.4	3.9	34.2	522.9	518.0	542.1	511.8	514.4
Saudi Arabia	217	180	26.7	28.3	45.0	6.4	10.5	433.1	411.0	434.0	411.5	439.7
Serbia	213	209	47.3	23.4	29.3	2.0	0.0	513.6	504.6	509.4	490.8	.
Singapore	362	358	0.9	0.8	98.3	0.9	0.3	550.1	601.1	608.1	595.8	585.9
Slovak Republic	269	269	8.2	90.3	1.5	0.0	0.0	504.9	525.1	336.6	.	.
Slovenia	269	259	3.5	14.0	82.5	1.9	1.6	522.9	521.3	526.4	516.7	543.1
South Africa (5)	287	210	9.5	26.7	63.7	2.7	24.9	325.0	314.5	300.0	305.9	313.0
Spain	582	554	22.1	36.5	41.4	2.5	2.0	501.8	511.2	498.7	500.9	512.2
Sweden	250	194	17.3	34.1	48.5	7.4	14.5	544.0	541.0	530.4	498.2	529.4
Turkiye (5)	171	168	1.6	24.5	73.9	1.9	0.0	559.5	568.4	570.0	602.1	.
United Arab Emirates	1435	1192	25.2	53.3	21.4	2.7	11.2	481.6	517.2	466.9	473.0	481.2
United States	495	465	22.4	39.8	37.8	2.9	3.6	547.0	529.8	526.4	542.5	526.0
Uzbekistan	168	153	21.5	11.3	67.2	7.3	2.0	414.8	423.2	410.1	400.8	420.6
International Avg. (58)	17865	15288	15.1	25.0	59.8	4.4	9.3	494.4	497.4	491.1	489.7	491.4
Ontario, Canada	286	225	41.3	43.2	15.5	8.0	11.8	530.0	526.7	516.4	529.1	514.7
Quebec, Canada	215	184	14.0	56.3	29.7	3.9	8.0	508.0	503.2	512.4	518.4	512.1
Abu Dhabi, UAE	553	457	22.6	46.7	30.7	3.2	11.4	427.6	477.4	424.2	383.6	436.0
Dubai, UAE	359	304	20.2	63.4	16.5	2.8	9.4	539.3	574.3	561.8	566.5	534.8
Sharjah, UAE	284	223	29.2	51.8	19.0	2.0	14.9	502.1	517.2	477.9	518.7	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: Composition of Earth's surface (i.e., land, fresh water, salt water)
Location: TQS-09Ca (ATBS09CA)

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
Albania	123	92	33.7	21.5	44.9	5.4	17.7	494.8	491.3	478.4	492.3	507.0
Armenia	211	200	22.5	72.8	4.7	1.9	1.9	459.9	457.7	439.8	451.3	461.0
Australia	347	227	36.8	40.4	22.8	5.8	27.0	548.5	557.4	547.6	542.0	545.2
Azerbaijan	271	192	30.4	44.9	24.7	15.9	12.8	430.1	429.8	413.4	403.5	420.6
Bahrain	212	209	29.2	58.4	12.4	0.8	0.0	483.3	471.6	472.8	452.5	.
Belgium (Flemish)	278	207	8.8	23.0	68.2	2.7	19.7	498.1	500.8	487.2	490.7	477.0
Belgium (French)	344	279	8.5	18.5	73.0	2.9	14.9	474.1	476.4	484.9	504.1	466.6
Bosnia & Herzegovina	236	171	13.5	41.4	45.1	6.7	20.2	456.1	455.0	443.9	457.4	438.8
Brazil	1047	890	30.2	51.4	18.4	12.7	1.6	437.5	419.9	429.0	410.7	437.3
Bulgaria	208	202	34.2	55.9	9.9	2.2	1.0	558.1	520.9	494.7	472.7	515.0
Canada	917	785	25.1	37.7	37.2	5.6	9.4	521.8	518.3	524.7	524.6	515.2
Chile	178	160	21.9	46.9	31.2	1.9	7.1	484.6	476.0	481.2	499.3	471.0
Chinese Taipei	238	236	31.0	47.4	21.6	1.1	0.0	570.8	571.1	578.0	584.2	.
Cyprus	267	260	36.1	13.9	50.0	1.2	1.5	492.2	494.8	481.7	473.7	476.8
Czech Republic	344	337	16.7	63.4	19.9	0.5	1.1	522.8	527.9	524.2	439.5	525.8
Denmark	278	171	20.9	44.7	34.4	17.6	19.5	525.9	524.0	520.1	518.9	521.9
England	178	123	35.4	29.3	35.3	3.4	23.3	549.4	565.4	561.4	551.6	550.7
Finland	369	346	29.7	47.9	22.4	2.6	2.7	548.8	543.3	533.5	551.0	509.7
France	306	235	27.1	35.5	37.4	4.7	18.1	488.4	489.4	486.8	496.2	486.0
Georgia	218	216	19.9	61.4	18.7	0.7	0.0	458.7	468.8	459.6	454.5	.
Germany	243	193	19.7	37.4	42.8	5.8	13.5	515.8	522.9	510.6	499.2	517.8
Hong Kong SAR	182	120	8.1	73.8	18.1	1.6	31.3	568.9	529.5	574.1	593.8	552.3
Hungary	263	215	21.9	60.1	18.0	0.5	15.7	527.8	524.6	514.5	452.9	530.6
Iran, Islamic Rep. of	224	223	31.3	35.8	32.8	0.6	0.0	425.4	432.7	436.3	521.0	.
Ireland	239	235	26.5	48.9	24.7	1.5	0.4	533.6	531.4	529.2	558.8	537.9
Italy	266	260	28.3	60.4	11.3	1.6	0.7	511.2	509.9	513.7	505.1	504.4
Japan	142	136	4.6	6.9	88.5	3.4	1.6	569.9	553.3	554.0	552.6	568.6
Jordan	224	219	36.2	43.0	20.8	1.7	0.3	410.4	423.3	421.6	396.9	336.1
Kazakhstan	303	239	49.0	43.2	7.9	18.6	1.3	466.0	471.2	462.1	459.3	484.2
Korea, Rep. of	199	169	24.1	28.9	47.0	7.9	7.9	581.7	581.5	589.0	572.1	575.3
Kosovo	231	192	22.5	51.2	26.3	8.1	9.5	407.4	396.9	419.2	401.8	386.5
Kuwait	164	162	30.2	60.0	9.8	0.7	0.7	354.8	368.4	448.7	416.2	495.2
Latvia	213	201	52.3	11.7	36.0	1.5	3.8	528.7	526.8	522.4	528.2	508.2
Lithuania	250	245	52.2	45.2	2.6	0.8	0.5	538.9	533.4	550.2	542.4	572.4
Macao SAR	275	274	24.2	56.1	19.7	0.0	0.0	535.0	535.5	537.6	589.8	.
Montenegro	338	316	18.0	55.7	26.3	2.6	4.0	457.0	461.1	460.7	460.9	469.7
Morocco	303	269	37.5	27.5	35.0	2.8	5.9	397.4	383.6	388.3	434.5	366.6
Netherlands	188	110	19.0	41.1	39.9	6.0	32.9	523.7	515.1	517.5	506.7	517.3
New Zealand	396	194	25.2	34.4	40.4	4.2	45.2	525.9	528.8	520.5	514.2	508.5
North Macedonia	274	196	22.2	64.3	13.5	3.4	25.2	430.6	443.4	448.4	422.5	433.4
Norway (5)	314	204	28.9	18.1	52.9	5.8	26.6	534.9	534.6	532.5	529.7	522.7
Oman	287	269	28.5	21.4	50.1	3.1	2.6	428.6	458.8	423.8	423.5	442.7
Poland	267	260	4.8	79.9	15.3	2.4	0.7	544.0	550.3	548.3	551.1	572.0
Portugal	321	312	35.0	63.1	1.9	2.1	0.8	505.5	513.4	484.7	535.0	510.7
Qatar	283	275	34.9	42.9	22.2	1.3	2.3	473.0	468.7	464.6	559.7	543.2
Romania	188	119	40.0	52.3	7.7	4.0	34.2	536.2	530.8	530.4	523.1	514.4
Saudi Arabia	217	183	33.5	59.1	7.4	4.2	10.5	425.7	426.3	437.9	409.0	439.7
Serbia	213	211	57.2	22.2	20.6	0.7	0.0	511.5	507.5	507.5	515.6	.
Singapore	362	358	1.4	1.2	97.4	0.9	0.3	566.8	653.5	607.5	595.8	585.9
Slovak Republic	269	269	31.3	25.3	43.3	0.0	0.0	534.2	520.3	510.9	.	.
Slovenia	269	259	23.4	47.8	28.8	1.6	1.6	534.0	523.1	523.4	501.1	543.1
South Africa (5)	287	207	23.5	27.0	49.5	3.4	24.6	319.6	331.2	287.4	307.7	311.3
Spain	582	555	39.3	53.4	7.2	2.3	2.0	504.7	502.8	509.6	496.2	512.2
Sweden	250	192	8.9	53.5	37.6	8.4	14.5	540.9	532.6	541.1	501.0	529.4
Turkiye (5)	171	166	60.0	22.8	17.2	3.5	0.0	578.2	556.2	557.3	584.8	.
United Arab Emirates	1435	1189	41.9	42.6	15.4	2.9	11.2	508.1	487.5	500.7	454.0	481.2
United States	495	465	27.8	48.5	23.7	3.1	3.6	541.8	531.1	524.8	535.5	526.0
Uzbekistan	168	156	42.9	54.2	2.9	5.7	2.0	415.0	410.5	399.2	404.6	420.6
International Avg. (58)	17865	15355	28.1	42.7	29.2	3.9	9.3	496.8	496.1	494.0	493.4	492.9
Ontario, Canada	286	226	20.7	36.6	42.7	7.9	11.8	529.2	520.6	530.0	529.6	514.7
Quebec, Canada	215	185	24.2	47.7	28.2	3.5	8.0	503.4	507.9	508.1	513.8	512.1
Abu Dhabi, UAE	553	456	37.3	48.4	14.3	3.6	11.4	461.3	441.0	454.9	374.1	436.0
Dubai, UAE	359	305	47.2	37.1	15.7	2.3	9.4	577.2	556.8	552.4	546.7	534.8
Sharjah, UAE	284	221	43.8	38.9	17.4	2.9	14.9	497.8	509.5	517.2	503.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: Earth's resources and their use by humans
Location: TQS-09Cb (ATBS09CB)

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
Albania	123	91	32.6	33.4	34.0	6.1	17.7	479.3	492.3	489.3	487.7	507.0
Armenia	211	201	19.1	77.2	3.8	1.2	1.9	458.4	457.1	452.7	461.4	461.0
Australia	347	226	26.6	56.1	17.3	5.9	27.0	546.5	555.5	548.9	541.8	545.2
Azerbaijan	271	194	25.5	48.8	25.7	15.5	12.8	434.7	426.0	414.4	405.5	420.6
Bahrain	212	209	23.8	66.9	9.3	1.0	0.0	492.7	466.0	503.2	390.7	.
Belgium (Flemish)	278	207	9.0	34.9	56.1	2.7	19.7	494.4	492.5	490.0	490.7	477.0
Belgium (French)	344	278	6.4	19.4	74.1	3.2	14.9	477.1	478.8	483.9	500.8	466.6
Bosnia & Herzegovina	236	170	12.4	36.5	51.1	7.3	20.2	458.7	450.6	447.1	460.0	438.8
Brazil	1047	890	24.4	60.9	14.7	12.7	1.6	435.8	426.3	415.0	410.5	437.3
Bulgaria	208	201	34.2	56.5	9.2	2.5	1.0	548.8	526.4	490.9	487.5	515.0
Canada	917	785	18.9	54.2	26.9	5.7	9.4	521.1	521.1	523.0	524.0	515.2
Chile	178	160	25.6	47.5	27.0	1.9	7.1	475.9	480.1	481.7	499.3	471.0
Chinese Taipei	238	236	21.2	67.3	11.6	1.1	0.0	565.7	574.7	571.8	584.2	.
Cyprus	267	259	17.6	31.8	50.6	1.5	1.5	490.7	477.6	492.4	471.2	476.8
Czech Republic	344	337	12.7	58.7	28.7	0.5	1.1	528.4	527.2	523.5	439.5	525.8
Denmark	278	172	13.4	56.2	30.4	17.2	19.5	517.9	524.9	522.8	517.9	521.9
England	178	123	32.0	28.9	39.1	3.4	23.3	552.0	550.3	569.4	551.6	550.7
Finland	369	347	14.9	39.4	45.7	2.1	2.7	538.0	545.1	542.6	545.0	509.7
France	306	237	10.3	55.1	34.6	4.0	18.1	501.3	485.6	488.1	499.3	486.0
Georgia	218	215	19.9	39.6	40.5	1.3	0.0	462.6	462.5	469.4	436.1	.
Germany	243	193	20.7	38.5	40.8	5.6	13.5	515.6	518.0	511.6	518.4	517.8
Hong Kong SAR	182	119	9.1	71.4	19.6	1.7	31.3	558.0	531.1	568.8	583.7	552.3
Hungary	263	215	12.8	63.1	24.1	0.5	15.7	528.8	525.3	515.9	452.9	530.6
Iran, Islamic Rep. of	224	223	24.7	51.6	23.7	0.6	0.0	434.7	426.7	438.9	521.0	.
Ireland	239	235	18.1	68.2	13.7	1.2	0.4	530.5	532.5	531.2	526.3	537.9
Italy	266	260	21.9	56.4	21.7	1.6	0.7	510.1	511.0	510.6	505.1	504.4
Japan	142	136	2.2	5.1	92.8	3.4	1.6	549.6	564.8	554.2	552.6	568.6
Jordan	224	217	20.4	64.1	15.5	2.7	0.3	416.5	421.1	409.1	404.7	336.1
Kazakhstan	303	237	44.5	50.4	5.1	19.3	1.3	466.4	469.4	454.0	462.2	484.2
Korea, Rep. of	199	170	11.7	34.4	53.9	7.5	7.9	577.5	582.5	588.2	572.1	575.3
Kosovo	231	193	23.0	64.0	13.0	7.8	9.5	408.0	405.4	399.0	401.4	386.5
Kuwait	164	163	55.4	33.8	10.7	0.0	0.7	357.2	398.4	369.8	.	495.2
Latvia	213	203	42.4	10.8	46.8	0.8	3.8	526.0	527.8	526.5	509.0	508.2
Lithuania	250	245	49.0	49.8	1.1	0.8	0.5	536.3	536.7	554.8	542.4	572.4
Macao SAR	275	274	34.1	48.8	17.1	0.0	0.0	527.2	542.3	534.3	589.8	.
Montenegro	338	314	13.1	61.3	25.6	3.3	4.0	454.5	460.7	462.8	457.6	469.7
Morocco	303	267	11.6	45.1	43.3	3.1	5.9	394.8	387.1	393.2	423.4	366.6
Netherlands	188	111	9.0	56.9	34.2	5.7	32.9	517.6	519.9	514.1	506.2	517.3
New Zealand	396	194	17.5	55.1	27.4	4.2	45.2	527.9	524.2	523.5	514.2	508.5
North Macedonia	274	196	17.2	78.3	4.5	3.2	25.2	448.0	439.7	440.5	424.3	433.4
Norway (5)	314	205	28.8	38.3	32.9	5.2	26.6	537.5	532.6	531.9	526.4	522.7
Oman	287	269	44.4	22.7	32.8	3.1	2.6	426.9	434.1	439.5	423.5	442.7
Poland	267	260	2.1	31.6	66.3	2.4	0.7	561.4	547.9	550.1	551.1	572.0
Portugal	321	312	37.4	59.1	3.5	2.1	0.8	505.9	513.5	496.5	535.0	510.7
Qatar	283	274	32.1	37.3	30.6	1.8	2.3	471.3	487.5	446.6	506.0	543.2
Romania	188	119	47.4	52.6	0.0	4.0	34.2	526.4	538.8	.	523.1	514.4
Saudi Arabia	217	182	35.2	58.7	6.1	4.7	10.5	438.8	421.9	413.3	405.6	439.7
Serbia	213	208	39.7	57.9	2.4	2.5	0.0	509.7	510.1	524.8	492.1	.
Singapore	362	358	2.4	1.1	96.5	0.9	0.3	595.4	572.9	608.2	595.8	585.9
Slovak Republic	269	269	24.9	31.4	43.7	0.0	0.0	531.6	525.2	511.0	.	.
Slovenia	269	259	6.6	53.2	40.2	1.6	1.6	540.5	525.5	523.7	501.1	543.1
South Africa (5)	287	209	17.8	31.8	50.3	2.8	24.6	338.4	322.2	283.6	337.3	311.3
Spain	582	551	36.2	53.5	10.2	3.5	2.0	503.3	502.7	511.0	506.5	512.2
Sweden	250	193	9.8	46.6	43.6	7.8	14.5	532.6	532.8	541.1	499.0	529.4
Turkiye (5)	171	166	40.6	38.0	21.4	3.5	0.0	581.1	563.0	559.3	584.8	.
United Arab Emirates	1435	1191	36.0	49.1	14.9	2.8	11.2	515.0	486.7	494.8	452.8	481.2
United States	495	465	18.9	61.9	19.1	3.1	3.6	538.0	532.3	528.1	535.5	526.0
Uzbekistan	168	155	44.3	53.8	1.9	6.2	2.0	413.0	411.6	402.4	406.2	420.6
International Avg. (58)	17865	15348	23.5	47.5	29.0	3.9	9.3	497.1	494.9	492.8	492.0	492.9
Ontario, Canada	286	226	22.2	47.3	30.5	7.9	11.8	527.9	522.5	531.4	529.6	514.7
Quebec, Canada	215	185	18.9	55.5	25.6	3.5	8.0	505.5	506.0	509.7	513.8	512.1
Abu Dhabi, UAE	553	455	25.4	60.6	14.0	3.8	11.4	479.5	432.8	474.9	378.9	436.0
Dubai, UAE	359	306	41.0	46.5	12.5	2.1	9.4	571.6	561.4	560.4	556.1	534.8
Sharjah, UAE	284	222	39.4	42.9	17.8	2.2	14.9	511.3	510.8	480.4	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: Renewable and nonrenewable resources
Location: TQS-09Cc (ATBS09CC)

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
Albania	123	91	19.5	33.3	47.2	6.1	17.7	476.6	488.3	490.5	487.7	507.0
Armenia	211	201	13.8	62.5	23.7	1.2	1.9	455.9	455.9	461.3	461.4	461.0
Australia	347	227	18.8	46.5	34.6	5.8	27.0	547.8	555.0	549.9	542.0	545.2
Azerbaijan	271	189	18.4	44.0	37.6	17.4	12.8	422.2	429.1	421.5	408.9	420.6
Bahrain	212	208	23.6	66.8	9.6	2.0	0.0	488.0	466.9	497.1	484.1	.
Belgium (Flemish)	278	206	5.9	37.1	56.9	3.1	19.7	495.2	496.2	488.4	480.3	477.0
Belgium (French)	344	278	6.0	18.1	75.9	3.2	14.9	471.0	481.9	483.5	500.8	466.6
Bosnia & Herzegovina	236	171	8.4	15.7	75.8	6.7	20.2	475.0	452.5	446.9	457.4	438.8
Brazil	1047	886	20.7	54.7	24.6	12.7	1.6	435.4	425.8	422.6	410.2	437.3
Bulgaria	208	202	13.4	72.4	14.2	2.2	1.0	522.2	539.1	498.0	472.7	515.0
Canada	917	781	13.5	52.6	33.9	5.9	9.4	523.0	520.8	522.3	523.7	515.2
Chile	178	159	25.5	44.4	30.1	2.6	7.1	481.1	476.7	481.2	503.5	471.0
Chinese Taipei	238	235	20.1	63.0	16.9	1.6	0.0	566.3	575.9	570.0	547.2	.
Cyprus	267	259	11.3	57.2	31.6	1.5	1.5	500.9	484.6	487.6	471.2	476.8
Czech Republic	344	336	10.0	51.3	38.8	0.7	1.1	533.5	526.3	524.7	452.5	525.8
Denmark	278	174	20.6	50.7	28.6	16.6	19.5	524.6	521.9	523.6	519.2	521.9
England	178	123	22.9	30.1	47.0	3.4	23.3	557.6	547.8	565.4	551.6	550.7
Finland	369	347	16.9	37.2	45.9	2.1	2.7	541.5	548.7	538.7	545.0	509.7
France	306	236	9.9	56.0	34.1	4.3	18.1	481.5	488.7	488.5	501.0	486.0
Georgia	218	212	12.6	19.0	68.4	2.8	0.0	448.4	471.1	466.7	455.2	.
Germany	243	192	18.7	43.4	37.9	5.9	13.5	518.2	518.1	509.9	516.4	517.8
Hong Kong SAR	182	119	18.2	43.6	38.2	2.0	31.3	559.8	528.2	546.1	582.8	552.3
Hungary	263	214	15.4	71.8	12.8	0.7	15.7	528.0	525.5	507.9	453.3	530.6
Iran, Islamic Rep. of	224	221	16.7	43.8	39.4	1.5	0.0	419.0	430.0	439.2	451.9	.
Ireland	239	236	13.4	69.4	17.2	1.1	0.4	543.8	529.0	534.0	537.9	537.9
Italy	266	259	17.2	44.8	38.0	2.0	0.7	505.7	508.1	516.0	507.2	504.4
Japan	142	136	2.2	10.5	87.3	3.4	1.6	549.6	567.5	553.3	552.6	568.6
Jordan	224	219	20.5	51.1	28.4	1.7	0.3	409.4	423.1	416.2	396.9	336.1
Kazakhstan	303	240	34.4	50.3	15.2	18.2	1.3	468.8	471.4	456.4	457.7	484.2
Korea, Rep. of	199	169	7.7	29.8	62.5	8.2	7.9	577.7	583.6	586.4	574.3	575.3
Kosovo	231	194	12.7	75.9	11.4	7.3	9.5	405.8	406.3	395.8	403.0	386.5
Kuwait	164	161	41.4	32.4	26.3	1.2	0.7	361.2	396.4	363.6	315.3	495.2
Latvia	213	203	32.7	10.2	57.1	0.8	3.8	526.4	532.3	525.3	509.0	508.2
Lithuania	250	244	31.5	55.2	13.3	0.8	0.5	534.9	538.5	534.1	533.4	572.4
Macao SAR	275	274	32.0	31.9	36.1	0.0	0.0	533.5	529.5	543.4	589.8	.
Montenegro	338	315	5.8	66.6	27.7	2.7	4.0	464.9	460.2	459.3	462.8	469.7
Morocco	303	274	5.2	66.2	28.7	0.4	5.9	443.9	396.3	371.4	414.5	366.6
Netherlands	188	110	1.0	33.1	65.8	6.0	32.9	436.9	515.9	519.9	506.7	517.3
New Zealand	396	193	10.3	44.8	44.9	4.2	45.2	533.5	523.3	524.0	514.4	508.5
North Macedonia	274	195	11.0	81.8	7.2	3.5	25.2	449.2	440.8	435.0	421.9	433.4
Norway (5)	314	203	24.8	34.8	40.5	6.1	26.6	536.1	535.5	530.1	531.3	522.7
Oman	287	265	31.0	16.2	52.9	4.6	2.6	424.9	451.2	430.7	435.7	442.7
Poland	267	260	1.0	13.6	85.4	2.4	0.7	562.7	543.1	550.5	551.1	572.0
Portugal	321	309	27.6	56.9	15.5	3.2	0.8	511.5	510.9	504.1	527.9	510.7
Qatar	283	275	23.6	38.9	37.5	1.3	2.3	473.0	490.8	444.7	559.7	543.2
Romania	188	119	36.7	55.3	8.1	4.0	34.2	530.6	536.0	522.7	523.1	514.4
Saudi Arabia	217	179	42.6	46.6	10.8	6.1	10.5	436.5	414.7	434.6	426.3	439.7
Serbia	213	210	29.6	70.2	0.2	1.1	0.0	508.5	510.3	536.4	514.5	.
Singapore	362	358	1.3	1.4	97.3	0.9	0.3	576.4	612.5	607.9	595.8	585.9
Slovak Republic	269	269	15.5	19.0	65.5	0.0	0.0	529.6	520.8	518.4	.	.
Slovenia	269	258	3.8	44.3	51.9	2.2	1.6	519.6	527.7	524.8	502.4	543.1
South Africa (5)	287	210	14.5	40.7	44.8	2.9	24.6	301.8	351.2	268.0	307.4	311.3
Spain	582	552	32.8	49.3	17.9	2.8	2.0	501.9	503.3	509.1	504.4	512.2
Sweden	250	193	3.9	37.7	58.4	7.8	14.5	528.3	536.4	537.0	499.0	529.4
Turkiye (5)	171	166	5.8	38.0	56.2	3.5	0.0	603.4	568.1	567.2	584.8	.
United Arab Emirates	1435	1188	26.7	57.5	15.9	3.1	11.2	514.1	490.4	498.9	458.2	481.2
United States	495	464	11.3	67.5	21.2	3.3	3.6	538.5	533.3	527.9	531.3	526.0
Uzbekistan	168	154	35.0	58.5	6.5	6.8	2.0	410.5	415.1	394.7	405.3	420.6
International Avg. (58)	17865	15321	17.7	45.1	37.2	4.1	9.3	495.3	497.0	492.6	490.1	492.9
Ontario, Canada	286	225	18.0	44.1	37.9	8.2	11.8	530.5	521.5	530.3	529.1	514.7
Quebec, Canada	215	183	13.2	51.5	35.2	4.1	8.0	512.0	507.7	503.7	512.2	512.1
Abu Dhabi, UAE	553	454	15.1	72.0	12.8	4.2	11.4	487.9	433.5	500.1	390.8	436.0
Dubai, UAE	359	305	32.5	56.5	11.0	2.4	9.4	559.6	571.2	554.4	553.2	534.8
Sharjah, UAE	284	222	29.1	47.6	23.3	2.2	14.9	502.1	513.1	494.7	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: How wind and water change Earth's surface over time
Location: TQS-09Cd (ATBS09CD)

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
Albania	123	92	16.6	24.3	59.1	5.4	17.7	484.0	493.1	484.8	492.3	507.0
Armenia	211	201	14.8	54.3	30.9	1.2	1.9	450.8	459.4	456.2	461.4	461.0
Australia	347	225	16.7	55.9	27.4	7.1	27.0	536.7	559.4	545.8	543.7	545.2
Azerbaijan	271	192	30.4	36.8	32.8	16.2	12.8	428.3	426.1	422.1	405.4	420.6
Bahrain	212	210	24.9	40.2	35.0	0.4	0.0	483.5	468.4	476.4	480.7	.
Belgium (Flemish)	278	207	2.1	20.7	77.2	2.7	19.7	474.4	494.6	490.9	490.7	477.0
Belgium (French)	344	278	2.2	8.3	89.5	3.2	14.9	451.7	492.0	482.4	500.8	466.6
Bosnia & Herzegovina	236	170	7.4	22.5	70.1	7.1	20.2	454.2	457.5	447.3	457.7	438.8
Brazil	1047	890	10.3	44.5	45.2	12.8	1.6	413.3	423.8	433.2	410.5	437.3
Bulgaria	208	202	6.5	24.9	68.5	2.2	1.0	508.9	526.0	534.9	472.7	515.0
Canada	917	783	15.6	37.2	47.2	5.9	9.4	523.3	525.2	517.9	525.9	515.2
Chile	178	160	14.6	30.7	54.7	1.9	7.1	465.7	469.7	488.6	499.3	471.0
Chinese Taipei	238	236	21.5	45.9	32.5	1.1	0.0	567.6	575.0	572.1	584.2	.
Cyprus	267	261	10.2	13.3	76.4	0.8	1.5	483.3	488.5	487.5	475.2	476.8
Czech Republic	344	334	9.9	48.9	41.2	2.2	1.1	530.9	528.4	522.9	503.3	525.8
Denmark	278	171	16.9	38.5	44.5	17.6	19.5	529.7	524.3	519.4	518.9	521.9
England	178	123	27.6	23.6	48.8	3.4	23.3	555.0	551.7	563.4	551.6	550.7
Finland	369	347	12.0	19.9	68.1	2.1	2.7	546.8	537.3	543.8	545.0	509.7
France	306	236	5.8	16.9	77.3	4.4	18.1	501.1	480.9	489.0	493.2	486.0
Georgia	218	214	12.2	29.7	58.2	2.0	0.0	463.1	464.4	466.8	431.1	.
Germany	243	193	11.9	21.3	66.8	5.8	13.5	518.9	506.3	517.0	517.9	517.8
Hong Kong SAR	182	120	7.9	37.3	54.8	1.6	31.3	572.6	538.6	537.7	593.8	552.3
Hungary	263	215	13.5	43.3	43.2	0.5	15.7	535.4	527.1	516.1	452.9	530.6
Iran, Islamic Rep. of	224	223	18.1	43.6	38.3	0.6	0.0	426.2	437.0	427.9	521.0	.
Ireland	239	236	9.9	36.4	53.6	0.8	0.4	552.5	533.0	527.1	544.3	537.9
Italy	266	260	22.3	42.8	34.9	1.6	0.7	513.5	512.6	506.6	505.1	504.4
Japan	142	136	1.4	4.2	94.4	3.4	1.6	540.3	551.2	555.0	552.6	568.6
Jordan	224	218	26.7	33.6	39.7	1.7	0.3	415.3	419.3	419.5	396.1	336.1
Kazakhstan	303	236	34.1	51.4	14.5	19.5	1.3	470.5	468.8	454.4	462.3	484.2
Korea, Rep. of	199	169	22.6	43.8	33.6	8.0	7.9	584.8	581.7	588.7	575.1	575.3
Kosovo	231	190	10.7	60.4	28.9	8.8	9.5	401.7	400.5	416.6	400.9	386.5
Kuwait	164	163	18.3	67.7	14.0	0.0	0.7	373.7	361.2	425.8	.	495.2
Latvia	213	203	29.0	10.3	60.7	0.8	3.8	524.0	541.4	525.0	509.0	508.2
Lithuania	250	244	38.6	43.9	17.4	0.9	0.5	533.4	536.8	544.6	531.2	572.4
Macao SAR	275	274	14.3	28.7	57.0	0.0	0.0	526.9	536.2	537.8	589.8	.
Montenegro	338	313	2.9	50.2	46.9	3.3	4.0	452.4	464.4	456.6	458.1	469.7
Morocco	303	269	18.3	18.2	63.5	1.9	5.9	431.6	390.8	380.4	394.8	366.6
Netherlands	188	110	8.4	35.3	56.3	6.0	32.9	528.0	518.1	515.9	506.7	517.3
New Zealand	396	192	11.1	23.6	65.3	4.4	45.2	514.6	529.5	524.5	515.8	508.5
North Macedonia	274	196	14.9	57.5	27.6	3.2	25.2	446.8	435.8	449.1	424.5	433.4
Norway (5)	314	204	14.2	22.5	63.3	5.8	26.6	537.8	537.7	531.1	529.7	522.7
Oman	287	269	25.7	10.3	64.0	2.9	2.6	421.0	469.7	431.5	421.2	442.7
Poland	267	260	0.3	8.1	91.6	2.4	0.7	558.1	531.5	551.2	551.1	572.0
Portugal	321	312	30.7	57.8	11.5	2.1	0.8	505.9	512.4	509.6	535.0	510.7
Qatar	283	274	27.4	28.2	44.4	1.7	2.3	452.1	488.8	468.3	518.1	543.2
Romania	188	118	32.8	49.8	17.3	4.4	34.2	537.4	524.8	547.5	524.9	514.4
Saudi Arabia	217	181	41.4	39.9	18.7	5.2	10.5	436.8	424.1	411.7	411.5	439.7
Serbia	213	211	32.8	41.0	26.3	0.7	0.0	504.6	513.7	510.2	515.6	.
Singapore	362	358	0.5	0.0	99.5	0.9	0.3	517.6	.	608.0	595.8	585.9
Slovak Republic	269	269	24.4	14.8	60.8	0.0	0.0	523.2	534.7	516.1	.	.
Slovenia	269	259	6.2	30.2	63.6	1.6	1.6	525.2	523.1	527.1	501.1	543.1
South Africa (5)	287	206	10.4	24.4	65.2	4.1	24.6	315.0	340.0	294.0	296.9	311.3
Spain	582	552	25.1	49.4	25.5	2.7	2.0	500.3	504.8	505.5	503.4	512.2
Sweden	250	192	10.3	30.8	58.9	8.0	14.5	545.3	533.6	536.6	499.0	529.4
Turkiye (5)	171	165	15.1	30.0	55.0	3.8	0.0	589.6	574.6	561.4	582.4	.
United Arab Emirates	1435	1187	26.2	49.3	24.4	3.0	11.2	502.8	489.3	511.2	453.7	481.2
United States	495	465	10.6	70.3	19.0	3.1	3.6	542.7	534.9	518.4	535.5	526.0
Uzbekistan	168	155	38.9	48.9	12.2	6.2	2.0	410.8	415.5	402.2	406.2	420.6
International Avg. (58)	17865	15329	17.0	34.4	48.6	4.0	9.3	493.8	494.6	495.1	494.2	492.9
Ontario, Canada	286	225	19.1	42.1	38.8	8.1	11.8	525.6	524.5	528.7	530.3	514.7
Quebec, Canada	215	183	8.3	26.4	65.3	4.2	8.0	500.5	512.1	505.1	518.8	512.1
Abu Dhabi, UAE	553	455	20.5	57.6	21.9	3.7	11.4	469.1	431.2	484.2	375.3	436.0
Dubai, UAE	359	304	26.8	48.1	25.1	2.7	9.4	559.1	570.9	564.3	537.8	534.8
Sharjah, UAE	284	222	29.5	43.2	27.3	2.2	14.9	494.6	512.1	507.3	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: What fossils can show about Earth's history
Location: TQS-09Ce (ATBS09CE)

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
Albania	123	92	14.1	21.2	64.8	5.4	17.7	484.6	489.6	486.2	492.3	507.0
Armenia	211	199	8.1	25.6	66.3	2.3	1.9	450.3	454.6	458.8	465.7	461.0
Australia	347	226	14.7	34.9	50.4	6.5	27.0	533.0	556.7	553.2	547.3	545.2
Azerbaijan	271	189	14.2	23.3	62.5	17.5	12.8	431.2	417.6	426.6	408.1	420.6
Bahrain	212	210	15.9	61.3	22.8	0.4	0.0	501.3	462.6	489.9	480.7	.
Belgium (Flemish)	278	207	1.6	14.3	84.1	2.7	19.7	498.1	505.3	488.8	490.7	477.0
Belgium (French)	344	277	7.8	13.8	78.4	3.3	14.9	480.8	471.4	484.7	498.9	466.6
Bosnia & Herzegovina	236	171	0.7	3.0	96.4	6.7	20.2	481.1	460.1	449.6	457.4	438.8
Brazil	1047	890	10.4	38.3	51.3	12.7	1.6	440.7	430.2	421.8	410.2	437.3
Bulgaria	208	201	2.0	6.9	91.1	2.8	1.0	577.9	528.4	530.9	461.6	515.0
Canada	917	785	15.6	41.2	43.2	5.7	9.4	520.1	521.7	521.8	525.4	515.2
Chile	178	159	10.7	16.8	72.5	2.6	7.1	469.3	455.3	486.9	485.6	471.0
Chinese Taipei	238	236	5.8	6.8	87.4	1.1	0.0	569.9	578.8	572.2	584.2	.
Cyprus	267	260	22.7	13.4	63.9	1.2	1.5	487.1	486.6	487.4	482.7	476.8
Czech Republic	344	334	6.2	40.1	53.7	1.8	1.1	534.8	527.9	524.3	494.1	525.8
Denmark	278	171	23.5	27.0	49.5	17.9	19.5	520.8	527.9	521.5	518.9	521.9
England	178	123	59.7	13.7	26.6	3.4	23.3	558.3	551.2	562.1	551.6	550.7
Finland	369	347	7.0	8.4	84.6	2.1	2.7	544.4	537.7	543.3	545.0	509.7
France	306	236	14.3	21.0	64.6	4.4	18.1	498.7	487.6	486.3	493.2	486.0
Georgia	218	215	13.9	20.5	65.6	1.0	0.0	467.1	461.6	465.9	440.6	.
Germany	243	191	9.0	12.1	78.9	6.7	13.5	517.2	505.0	515.9	520.7	517.8
Hong Kong SAR	182	119	4.9	18.6	76.4	2.3	31.3	549.1	541.4	540.1	578.1	552.3
Hungary	263	214	0.9	11.8	87.4	0.7	15.7	562.0	544.8	520.1	492.8	530.6
Iran, Islamic Rep. of	224	223	9.6	30.4	59.9	0.6	0.0	437.1	418.9	437.1	521.0	.
Ireland	239	237	15.7	26.3	57.9	0.5	0.4	538.9	534.3	528.8	543.4	537.9
Italy	266	260	49.8	16.3	34.0	1.6	0.7	512.8	508.9	508.5	505.1	504.4
Japan	142	136	1.4	2.0	96.6	3.4	1.6	546.7	549.9	554.9	552.6	568.6
Jordan	224	217	30.8	28.2	41.1	2.1	0.3	416.2	421.5	418.2	389.5	336.1
Kazakhstan	303	237	29.3	58.2	12.6	18.8	1.3	462.2	474.7	446.5	461.3	484.2
Korea, Rep. of	199	170	2.9	86.5	10.6	7.5	7.9	577.4	584.1	594.7	572.1	575.3
Kosovo	231	193	14.6	28.2	57.2	7.7	9.5	406.3	393.2	411.0	400.0	386.5
Kuwait	164	162	23.5	59.8	16.7	0.7	0.7	367.8	356.4	437.4	358.5	495.2
Latvia	213	201	11.2	9.5	79.3	2.0	3.8	526.1	526.4	526.5	516.1	508.2
Lithuania	250	244	24.4	40.7	34.8	0.8	0.5	534.7	540.7	533.7	533.4	572.4
Macao SAR	275	274	12.2	29.7	58.1	0.0	0.0	545.1	546.6	528.3	589.8	.
Montenegro	338	316	1.3	4.4	94.3	2.6	4.0	463.3	456.3	460.4	460.9	469.7
Morocco	303	271	6.7	31.3	62.1	0.9	5.9	367.2	411.0	385.4	346.4	366.6
Netherlands	188	110	13.6	36.1	50.3	6.0	32.9	524.7	529.1	507.6	506.7	517.3
New Zealand	396	193	17.5	18.2	64.3	4.2	45.2	531.3	508.8	527.4	514.4	508.5
North Macedonia	274	196	20.8	38.0	41.3	3.4	25.2	445.7	433.0	446.6	422.5	433.4
Norway (5)	314	203	25.6	17.2	57.2	6.1	26.6	539.1	541.5	528.7	529.7	522.7
Oman	287	268	26.8	8.0	65.1	3.3	2.6	428.1	460.5	431.0	425.8	442.7
Poland	267	260	0.3	9.9	89.7	2.4	0.7	558.1	549.2	549.7	551.1	572.0
Portugal	321	311	23.4	34.4	42.2	2.7	0.8	509.9	511.5	509.0	530.1	510.7
Qatar	283	275	24.7	18.2	57.1	1.3	2.3	469.0	490.8	462.6	559.7	543.2
Romania	188	119	13.5	79.9	6.6	4.0	34.2	540.8	534.6	496.0	523.1	514.4
Saudi Arabia	217	181	41.9	38.0	20.1	5.3	10.5	436.9	421.2	420.2	402.9	439.7
Serbia	213	209	12.7	24.6	62.7	1.2	0.0	505.5	505.0	512.7	507.7	.
Singapore	362	358	0.5	0.3	99.1	0.9	0.3	517.6	653.1	607.9	595.8	585.9
Slovak Republic	269	267	7.8	8.3	83.9	0.7	0.0	535.9	517.5	519.3	537.4	.
Slovenia	269	259	2.1	50.0	47.9	1.6	1.6	537.4	526.4	524.6	501.1	543.1
South Africa (5)	287	210	9.5	31.8	58.7	2.7	24.6	292.9	319.9	301.7	311.7	311.3
Spain	582	553	19.3	35.0	45.7	2.7	2.0	502.7	505.0	503.5	503.5	512.2
Sweden	250	194	20.2	23.3	56.5	6.1	14.5	540.5	534.3	531.8	518.9	529.4
Turkiye (5)	171	166	26.9	22.4	50.7	3.5	0.0	589.7	557.4	564.3	584.8	.
United Arab Emirates	1435	1188	27.4	39.1	33.6	2.9	11.2	510.1	471.7	519.2	452.7	481.2
United States	495	463	12.9	60.9	26.2	3.8	3.6	541.8	537.1	518.0	531.7	526.0
Uzbekistan	168	153	36.4	30.8	32.8	7.8	2.0	413.1	417.0	407.5	402.6	420.6
International Avg. (58)	17865	15329	15.5	27.1	57.4	4.0	9.3	497.4	495.7	494.8	492.9	492.9
Ontario, Canada	286	225	12.7	47.4	39.9	8.1	11.8	531.6	522.0	529.7	530.5	514.7
Quebec, Canada	215	185	18.1	23.6	58.2	3.5	8.0	500.7	509.3	507.8	513.8	512.1
Abu Dhabi, UAE	553	454	22.7	52.7	24.6	3.8	11.4	465.4	415.5	512.7	374.1	436.0
Dubai, UAE	359	306	33.0	36.2	30.8	2.1	9.4	564.6	564.5	567.5	556.1	534.8
Sharjah, UAE	284	222	26.0	25.8	48.2	2.2	14.9	498.7	480.6	522.8	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: How weather changes day to day and with geographic location
Location: TQS-09Cf (ATBS09CF)

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
Albania	123	91	22.8	24.1	53.1	6.1	17.7	477.1	488.3	490.7	487.7	507.0
Armenia	211	197	24.3	33.7	42.0	2.7	1.9	451.5	458.1	458.9	471.1	461.0
Australia	347	225	31.1	34.5	34.4	6.7	27.0	545.6	557.0	551.6	546.0	545.2
Azerbaijan	271	190	24.3	36.4	39.3	17.3	12.8	430.1	422.2	423.5	410.0	420.6
Bahrain	212	209	21.8	36.9	41.3	1.0	0.0	491.2	467.6	472.1	516.0	.
Belgium (Flemish)	278	208	15.2	34.4	50.3	2.5	19.7	507.6	492.7	485.3	492.0	477.0
Belgium (French)	344	278	14.1	19.4	66.5	3.2	14.9	482.0	478.3	483.8	500.8	466.6
Bosnia & Herzegovina	236	171	4.7	19.9	75.4	6.7	20.2	464.1	458.4	447.1	457.4	438.8
Brazil	1047	887	9.7	49.7	40.6	13.0	1.6	408.0	429.1	428.7	411.0	437.3
Bulgaria	208	201	23.9	44.8	31.3	2.7	1.0	540.6	537.0	517.8	452.6	515.0
Canada	917	784	19.4	32.7	47.9	5.7	9.4	519.4	521.7	522.2	525.3	515.2
Chile	178	160	30.9	28.1	41.0	1.9	7.1	478.9	473.8	483.7	499.3	471.0
Chinese Taipei	238	236	24.1	21.8	54.2	1.1	0.0	569.4	571.9	574.1	584.2	.
Cyprus	267	258	23.4	10.6	66.0	1.8	1.5	486.3	484.4	488.3	471.3	476.8
Czech Republic	344	335	6.8	37.9	55.3	1.3	1.1	530.5	525.3	526.6	482.8	525.8
Denmark	278	172	16.4	38.9	44.7	17.4	19.5	515.4	529.6	520.8	517.9	521.9
England	178	123	48.1	29.5	22.4	3.4	23.3	557.0	554.0	566.7	551.6	550.7
Finland	369	346	10.0	37.6	52.4	2.5	2.7	550.5	541.7	542.1	548.1	509.7
France	306	235	14.2	24.3	61.4	4.7	18.1	491.4	482.8	489.5	496.2	486.0
Georgia	218	211	17.7	27.8	54.4	2.7	0.0	476.7	463.3	462.7	450.4	.
Germany	243	192	47.1	20.2	32.7	5.9	13.5	522.4	506.1	511.2	510.7	517.8
Hong Kong SAR	182	120	9.9	38.0	52.1	1.6	31.3	557.6	532.4	543.7	593.8	552.3
Hungary	263	215	14.1	33.3	52.6	0.5	15.7	518.6	520.0	527.0	452.9	530.6
Iran, Islamic Rep. of	224	223	13.2	52.0	34.8	0.6	0.0	435.9	439.6	418.0	521.0	.
Ireland	239	236	23.2	57.1	19.7	0.8	0.4	533.9	533.7	524.8	518.4	537.9
Italy	266	260	17.8	38.1	44.2	1.6	0.7	517.6	514.6	504.6	505.1	504.4
Japan	142	136	4.3	34.7	61.0	3.4	1.6	551.0	558.4	552.8	552.6	568.6
Jordan	224	216	17.2	37.1	45.6	2.3	0.3	404.1	419.1	423.8	386.9	336.1
Kazakhstan	303	237	35.5	50.8	13.6	19.5	1.3	469.0	466.9	471.4	458.4	484.2
Korea, Rep. of	199	170	3.9	27.5	68.6	7.5	7.9	599.6	587.5	583.2	572.1	575.3
Kosovo	231	193	13.1	54.0	32.9	7.4	9.5	397.1	398.4	419.2	402.6	386.5
Kuwait	164	162	48.4	26.6	25.0	0.6	0.7	358.8	412.6	353.8	468.6	495.2
Latvia	213	203	27.0	22.9	50.1	0.8	3.8	530.3	524.9	525.0	509.0	508.2
Lithuania	250	245	44.3	30.5	25.1	0.8	0.5	538.2	533.7	537.8	542.4	572.4
Macao SAR	275	274	21.0	50.5	28.6	0.0	0.0	528.3	542.1	530.1	589.8	.
Montenegro	338	315	4.7	18.0	77.2	2.7	4.0	456.0	464.3	459.6	461.3	469.7
Morocco	303	270	10.1	26.0	64.0	2.8	5.9	392.3	398.3	388.1	408.9	366.6
Netherlands	188	110	7.3	25.1	67.5	6.0	32.9	529.6	519.7	515.7	506.7	517.3
New Zealand	396	192	15.8	25.2	59.0	4.4	45.2	523.7	524.5	524.9	515.8	508.5
North Macedonia	274	194	22.0	45.0	33.1	3.7	25.2	441.8	437.4	446.6	421.5	433.4
Norway (5)	314	204	20.0	18.7	61.4	5.8	26.6	538.8	533.1	532.0	529.7	522.7
Oman	287	267	48.4	8.5	43.2	4.1	2.6	428.7	473.3	428.8	428.9	442.7
Poland	267	260	1.2	31.8	67.1	2.4	0.7	539.7	546.2	551.5	551.1	572.0
Portugal	321	310	34.5	47.6	17.9	2.9	0.8	506.6	512.8	509.8	528.1	510.7
Qatar	283	273	18.2	35.5	46.3	1.9	2.3	488.0	488.6	447.5	522.2	543.2
Romania	188	119	23.7	69.2	7.1	4.0	34.2	525.7	536.5	522.7	523.1	514.4
Saudi Arabia	217	181	40.7	36.6	22.7	5.0	10.5	437.0	416.0	426.6	412.7	439.7
Serbia	213	209	20.7	26.2	53.1	1.5	0.0	508.5	507.4	512.3	484.5	.
Singapore	362	358	0.9	1.0	98.1	0.9	0.3	564.8	610.1	607.9	595.8	585.9
Slovak Republic	269	268	14.8	22.1	63.2	0.3	0.0	530.6	529.4	514.9	574.2	.
Slovenia	269	259	6.0	23.4	70.6	1.6	1.6	529.6	524.0	526.0	501.1	543.1
South Africa (5)	287	209	9.9	21.7	68.5	3.2	24.6	322.9	333.5	296.2	304.6	311.3
Spain	582	554	20.6	57.2	22.2	2.4	2.0	507.4	507.3	492.7	495.7	512.2
Sweden	250	193	4.7	46.7	48.6	7.8	14.5	532.5	540.5	532.9	499.0	529.4
Turkiye (5)	171	166	9.2	24.8	66.0	3.5	0.0	579.4	564.2	570.3	584.8	.
United Arab Emirates	1435	1190	28.0	49.0	22.9	2.8	11.2	497.0	498.5	498.4	455.0	481.2
United States	495	463	21.1	55.5	23.5	3.8	3.6	546.8	532.1	523.9	517.8	526.0
Uzbekistan	168	155	46.7	44.0	9.3	6.2	2.0	409.0	417.2	403.2	406.2	420.6
International Avg. (58)	17865	15318	20.2	33.7	46.1	4.1	9.3	496.1	497.3	493.0	494.6	492.9
Ontario, Canada	286	225	22.8	29.1	48.1	8.1	11.8	524.7	522.4	529.4	530.5	514.7
Quebec, Canada	215	185	19.2	31.7	49.0	3.5	8.0	511.3	504.9	506.3	513.8	512.1
Abu Dhabi, UAE	553	456	28.1	47.2	24.7	3.6	11.4	431.9	452.2	468.8	374.1	436.0
Dubai, UAE	359	304	33.2	48.6	18.2	2.4	9.4	572.4	563.8	557.3	556.9	534.8
Sharjah, UAE	284	222	27.6	47.0	25.5	2.2	14.9	493.7	510.5	509.4	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: Effects of increasing temperatures on Earth
 Location: TQS-09Cg (ATBS09CG)

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
Albania	123	92	25.1	29.2	45.7	5.4	17.7	478.9	489.7	489.0	492.3	507.0
Armenia	211	199	13.2	37.7	49.2	1.9	1.9	457.3	459.3	455.6	456.3	461.0
Australia	347	221	14.8	35.8	49.4	8.5	27.0	546.5	555.9	549.7	548.6	545.2
Azerbaijan	271	187	25.6	41.6	32.9	18.6	12.8	425.8	431.1	420.2	405.4	420.6
Bahrain	212	209	14.7	40.8	44.6	0.6	0.0	494.4	476.0	467.7	472.9	.
Belgium (Flemish)	278	207	4.5	50.3	45.2	2.7	19.7	499.3	494.4	487.0	490.7	477.0
Belgium (French)	344	277	7.8	23.9	68.3	3.5	14.9	477.3	477.4	484.7	501.4	466.6
Bosnia & Herzegovina	236	169	0.8	14.7	84.5	7.9	20.2	469.1	453.0	449.0	460.4	438.8
Brazil	1047	890	12.5	46.9	40.6	13.5	1.6	411.1	431.6	424.8	415.7	437.3
Bulgaria	208	196	15.4	36.9	47.7	5.4	1.0	545.7	532.6	527.3	488.2	515.0
Canada	917	784	11.2	35.9	52.9	5.9	9.4	518.0	516.1	525.9	525.3	515.2
Chile	178	160	21.8	27.9	50.3	1.9	7.1	474.6	470.2	486.7	499.3	471.0
Chinese Taipei	238	236	27.3	44.8	27.9	1.1	0.0	571.8	570.8	575.8	584.2	.
Cyprus	267	260	12.0	24.1	63.8	1.3	1.5	489.8	478.7	490.3	462.5	476.8
Czech Republic	344	334	4.4	29.1	66.5	2.0	1.1	521.4	524.4	526.3	542.3	525.8
Denmark	278	172	12.9	54.3	32.8	17.2	19.5	521.0	524.6	521.2	519.1	521.9
England	178	123	18.9	37.5	43.6	3.4	23.3	548.4	553.8	566.5	551.6	550.7
Finland	369	347	9.9	37.1	53.1	2.1	2.7	540.9	548.0	539.7	545.0	509.7
France	306	235	5.8	32.2	62.0	4.7	18.1	504.1	485.0	488.3	496.2	486.0
Georgia	218	213	12.2	27.9	60.0	2.0	0.0	460.2	467.2	466.0	432.2	.
Germany	243	193	23.9	37.0	39.1	5.5	13.5	512.5	520.0	512.0	515.8	517.8
Hong Kong SAR	182	119	10.4	48.8	40.7	2.4	31.3	549.3	532.8	547.6	582.0	552.3
Hungary	263	215	7.8	48.4	43.8	0.5	15.7	551.5	526.7	514.9	452.9	530.6
Iran, Islamic Rep. of	224	223	11.9	48.3	39.8	0.6	0.0	441.6	426.2	435.1	521.0	.
Ireland	239	235	13.2	68.8	18.0	1.2	0.4	521.9	535.1	525.2	556.3	537.9
Italy	266	260	12.9	57.2	29.9	1.6	0.7	504.0	514.6	506.0	505.1	504.4
Japan	142	136	2.2	14.6	83.2	3.4	1.6	561.0	559.2	553.7	552.6	568.6
Jordan	224	219	17.9	44.7	37.3	1.7	0.3	408.9	428.4	410.7	396.9	336.1
Kazakhstan	303	233	33.7	52.6	13.8	20.5	1.3	457.2	465.0	495.0	465.5	484.2
Korea, Rep. of	199	170	6.6	49.6	43.9	7.5	7.9	577.3	584.7	586.5	572.1	575.3
Kosovo	231	193	12.5	48.0	39.6	7.8	9.5	393.9	395.3	420.2	403.5	386.5
Kuwait	164	163	27.8	43.1	29.1	0.0	0.7	353.0	376.5	385.2	.	495.2
Latvia	213	202	21.7	20.9	57.4	1.4	3.8	531.0	532.9	522.7	502.1	508.2
Lithuania	250	245	34.2	50.8	14.9	0.8	0.5	535.6	537.3	537.4	542.4	572.4
Macao SAR	275	273	23.4	43.7	32.9	0.2	0.0	522.1	540.6	539.4	509.2	.
Montenegro	338	314	4.1	21.5	74.5	3.1	4.0	449.4	472.9	457.3	458.5	469.7
Morocco	303	269	7.9	19.8	72.3	3.1	5.9	418.5	388.3	388.2	423.7	366.6
Netherlands	188	111	6.0	60.5	33.5	5.7	32.9	498.6	521.1	515.0	506.2	517.3
New Zealand	396	191	10.4	37.6	52.0	4.6	45.2	527.5	526.0	522.5	518.8	508.5
North Macedonia	274	192	17.0	53.3	29.7	4.7	25.2	430.9	440.5	449.1	425.1	433.4
Norway (5)	314	205	27.3	28.5	44.3	5.2	26.6	538.7	537.1	528.6	526.4	522.7
Oman	287	263	34.9	11.1	54.0	5.0	2.6	422.0	466.2	433.0	423.7	442.7
Poland	267	260	0.8	12.5	86.7	2.4	0.7	531.3	545.3	550.5	551.1	572.0
Portugal	321	312	36.7	52.8	10.5	2.1	0.8	505.8	512.6	512.2	535.0	510.7
Qatar	283	272	13.7	36.8	49.5	1.9	2.3	490.8	494.8	444.6	523.0	543.2
Romania	188	119	25.7	68.1	6.2	4.0	34.2	531.9	534.5	520.0	523.1	514.4
Saudi Arabia	217	180	29.4	33.3	37.3	5.6	10.5	439.2	418.9	425.3	409.9	439.7
Serbia	213	210	22.5	25.8	51.6	1.7	0.0	509.9	508.1	511.9	476.8	.
Singapore	362	358	0.9	5.0	94.1	0.9	0.3	566.9	615.3	607.5	595.8	585.9
Slovak Republic	269	269	11.1	30.5	58.3	0.0	0.0	540.0	530.6	511.6	.	.
Slovenia	269	258	3.0	28.6	68.4	2.0	1.6	525.0	528.3	524.9	500.7	543.1
South Africa (5)	287	210	7.2	19.1	73.7	2.7	24.6	294.2	371.3	291.1	311.7	311.3
Spain	582	552	19.7	58.5	21.7	2.5	2.0	501.1	506.1	501.5	494.2	512.2
Sweden	250	193	7.4	52.9	39.7	7.8	14.5	537.6	539.7	531.9	499.0	529.4
Turkiye (5)	171	166	6.0	66.2	27.8	3.5	0.0	578.8	568.4	570.5	584.8	.
United Arab Emirates	1435	1187	20.9	46.3	32.9	3.0	11.2	497.5	508.8	483.7	454.6	481.2
United States	495	465	10.4	37.3	52.4	3.1	3.6	534.6	525.6	537.1	535.5	526.0
Uzbekistan	168	152	37.3	45.1	17.6	8.1	2.0	413.6	412.1	406.5	412.1	420.6
International Avg. (58)	17865	15298	15.4	38.5	46.1	4.3	9.3	494.1	498.1	494.1	493.9	492.9
Ontario, Canada	286	224	13.8	28.9	57.3	8.4	11.8	526.0	520.3	529.4	530.1	514.7
Quebec, Canada	215	185	8.5	46.8	44.7	3.5	8.0	507.1	506.2	507.5	513.8	512.1
Abu Dhabi, UAE	553	454	19.2	42.3	38.5	3.9	11.4	437.7	456.9	450.0	378.6	436.0
Dubai, UAE	359	304	22.1	54.5	23.3	2.7	9.4	566.6	572.8	549.6	539.9	534.8
Sharjah, UAE	284	222	22.7	39.9	37.4	2.2	14.9	495.4	512.5	504.6	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: Composition of the Solar System (the Sun, Earth, Moon, and other planets)
Location: TQS-09Ch (ATBS09CH)

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
Albania	123	92	31.4	20.1	48.5	5.4	17.7	481.1	484.7	491.2	492.3	507.0
Armenia	211	201	50.4	43.6	6.0	1.2	1.9	456.5	457.9	457.9	461.4	461.0
Australia	347	225	37.3	20.1	42.7	6.9	27.0	551.1	556.4	549.8	546.3	545.2
Azerbaijan	271	193	36.9	43.9	19.3	15.6	12.8	432.2	421.6	418.7	407.1	420.6
Bahrain	212	208	22.7	71.1	6.2	2.4	0.0	498.2	464.5	515.7	462.0	.
Belgium (Flemish)	278	208	5.7	27.8	66.5	2.5	19.7	488.2	491.6	491.4	492.0	477.0
Belgium (French)	344	277	9.3	23.5	67.2	3.5	14.9	481.6	473.1	485.7	501.7	466.6
Bosnia & Herzegovina	236	169	5.5	23.4	71.0	7.7	20.2	456.5	452.8	448.5	458.5	438.8
Brazil	1047	891	22.4	55.6	22.0	12.8	1.6	425.7	431.3	417.3	410.4	437.3
Bulgaria	208	202	6.2	92.9	1.0	2.2	1.0	545.7	532.0	347.0	472.7	515.0
Canada	917	784	18.4	21.9	59.7	5.8	9.4	517.2	505.4	528.8	525.0	515.2
Chile	178	160	80.1	14.4	5.5	1.9	7.1	484.5	461.9	452.6	499.3	471.0
Chinese Taipei	238	236	12.4	50.2	37.4	1.1	0.0	573.0	571.6	573.5	584.2	.
Cyprus	267	261	43.4	6.8	49.8	0.8	1.5	488.2	471.2	488.6	475.2	476.8
Czech Republic	344	336	30.0	26.0	44.0	1.5	1.1	525.3	533.1	523.1	489.8	525.8
Denmark	278	173	32.3	41.7	26.0	17.0	19.5	522.1	525.0	520.8	519.0	521.9
England	178	123	9.0	81.2	9.8	3.4	23.3	554.8	559.2	554.3	551.6	550.7
Finland	369	347	64.7	9.1	26.3	2.1	2.7	542.9	536.3	545.2	545.0	509.7
France	306	236	16.9	58.0	25.1	4.4	18.1	494.8	485.6	490.3	493.2	486.0
Georgia	218	215	46.4	37.5	16.1	0.7	0.0	467.3	462.6	464.0	456.2	.
Germany	243	194	22.5	22.5	54.9	5.4	13.5	514.8	519.6	512.9	519.5	517.8
Hong Kong SAR	182	120	9.7	11.4	78.9	1.6	31.3	551.7	527.2	541.4	593.8	552.3
Hungary	263	215	22.8	70.7	6.5	0.5	15.7	525.3	524.9	501.1	452.9	530.6
Iran, Islamic Rep. of	224	223	6.4	88.9	4.6	0.6	0.0	428.3	434.2	386.0	521.0	.
Ireland	239	236	36.7	44.0	19.3	0.9	0.4	532.2	530.7	532.8	556.7	537.9
Italy	266	260	5.7	8.0	86.4	1.6	0.7	490.8	512.8	511.8	505.1	504.4
Japan	142	136	2.8	22.3	74.9	3.4	1.6	557.9	559.2	553.2	552.6	568.6
Jordan	224	219	21.1	60.2	18.7	1.7	0.3	408.0	422.0	417.8	396.9	336.1
Kazakhstan	303	238	41.1	55.9	3.1	18.9	1.3	464.8	471.4	432.7	461.2	484.2
Korea, Rep. of	199	170	0.9	10.3	88.8	7.5	7.9	572.3	583.3	585.3	572.1	575.3
Kosovo	231	193	14.9	75.0	10.1	8.2	9.5	401.7	405.9	407.4	398.9	386.5
Kuwait	164	163	22.2	15.6	62.2	0.0	0.7	403.9	393.7	355.9	.	495.2
Latvia	213	203	10.0	74.0	16.0	0.8	3.8	528.9	527.8	518.4	509.0	508.2
Lithuania	250	245	20.3	59.9	19.8	0.8	0.5	526.1	539.4	539.5	542.4	572.4
Macao SAR	275	274	25.0	18.3	56.6	0.0	0.0	535.2	543.6	533.5	589.8	.
Montenegro	338	316	5.1	11.4	83.5	2.6	4.0	466.2	468.4	458.8	460.9	469.7
Morocco	303	268	25.5	28.3	46.3	2.5	5.9	410.3	381.5	386.3	417.0	366.6
Netherlands	188	109	19.6	43.4	37.0	6.4	32.9	520.8	520.3	512.9	507.8	517.3
New Zealand	396	193	35.1	30.3	34.7	4.2	45.2	523.8	530.9	520.1	514.4	508.5
North Macedonia	274	196	47.7	39.5	12.8	3.4	25.2	449.6	440.1	413.9	422.5	433.4
Norway (5)	314	204	33.6	46.4	20.0	5.5	26.6	542.9	528.5	531.1	525.7	522.7
Oman	287	268	43.0	9.4	47.6	3.6	2.6	423.4	457.0	436.7	418.1	442.7
Poland	267	260	12.1	7.8	80.1	2.4	0.7	552.5	551.4	549.1	551.1	572.0
Portugal	321	312	38.0	60.3	1.7	2.1	0.8	514.7	507.7	491.4	535.0	510.7
Qatar	283	275	23.5	32.3	44.2	1.3	2.3	489.6	506.8	431.1	559.7	543.2
Romania	188	119	57.2	38.5	4.3	4.0	34.2	531.3	539.1	500.0	523.1	514.4
Saudi Arabia	217	181	22.6	74.7	2.7	5.2	10.5	430.5	424.2	496.7	402.6	439.7
Serbia	213	211	19.0	19.7	61.3	0.7	0.0	503.8	506.5	512.7	515.6	.
Singapore	362	358	1.1	1.1	97.8	0.9	0.3	569.4	658.2	607.3	595.8	585.9
Slovak Republic	269	269	8.6	89.2	2.2	0.0	0.0	527.1	523.1	392.7	.	.
Slovenia	269	259	7.9	76.2	16.0	1.6	1.6	527.1	525.5	526.3	501.1	543.1
South Africa (5)	287	209	32.1	22.2	45.6	2.8	24.6	332.3	322.1	281.1	309.9	311.3
Spain	582	554	54.2	36.2	9.6	2.4	2.0	503.9	505.7	499.0	495.7	512.2
Sweden	250	193	40.1	24.0	35.9	7.8	14.5	541.7	542.0	526.7	499.0	529.4
Turkiye (5)	171	166	7.6	70.5	22.0	3.5	0.0	573.3	572.4	559.3	584.8	.
United Arab Emirates	1435	1191	36.2	44.6	19.1	2.8	11.2	498.2	515.7	456.3	455.6	481.2
United States	495	463	30.2	30.7	39.1	3.8	3.6	544.5	525.7	529.9	524.1	526.0
Uzbekistan	168	156	31.2	67.2	1.5	5.6	2.0	413.2	412.7	372.8	402.2	420.6
International Avg. (58)	17865	15356	25.4	39.8	34.7	3.9	9.3	496.9	497.2	484.2	495.3	492.9
Ontario, Canada	286	225	12.5	12.3	75.2	8.1	11.8	533.7	511.6	527.5	530.5	514.7
Quebec, Canada	215	184	30.9	49.1	20.0	3.6	8.0	509.6	503.8	510.4	512.1	512.1
Abu Dhabi, UAE	553	456	37.6	37.7	24.7	3.6	11.4	448.0	477.4	413.5	374.1	436.0
Dubai, UAE	359	305	33.9	53.3	12.8	2.4	9.4	574.8	572.0	513.1	557.9	534.8
Sharjah, UAE	284	222	39.7	40.4	19.9	2.2	14.9	507.6	505.1	502.7	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: How the Moon's movement around the Earth changes its appearance
Location: TQS-09Ci (ATBS09CI)

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
Albania	123	91	27.6	13.7	58.6	6.1	17.7	488.9	496.9	483.4	490.5	507.0
Armenia	211	200	47.7	32.6	19.7	1.7	1.9	454.3	459.9	460.1	454.8	461.0
Australia	347	225	38.3	23.4	38.3	6.9	27.0	552.0	549.6	552.4	546.3	545.2
Azerbaijan	271	191	38.0	35.6	26.4	16.9	12.8	422.7	426.3	426.1	408.7	420.6
Bahrain	212	209	20.6	65.6	13.9	0.9	0.0	489.2	466.7	496.4	423.3	.
Belgium (Flemish)	278	208	9.6	30.7	59.7	2.5	19.7	492.3	493.5	489.9	492.0	477.0
Belgium (French)	344	278	3.3	11.0	85.7	3.2	14.9	490.9	468.5	483.9	500.8	466.6
Bosnia & Herzegovina	236	169	2.8	18.1	79.1	7.7	20.2	450.6	451.5	449.6	458.5	438.8
Brazil	1047	888	17.7	54.0	28.2	12.7	1.6	429.4	429.0	421.5	410.5	437.3
Bulgaria	208	201	5.1	85.5	9.3	2.5	1.0	530.1	535.9	485.8	484.1	515.0
Canada	917	783	14.2	24.1	61.7	6.0	9.4	519.8	507.8	527.3	524.7	515.2
Chile	178	160	72.4	17.3	10.3	1.9	7.1	483.9	469.1	465.7	499.3	471.0
Chinese Taipei	238	236	17.1	75.7	7.2	1.1	0.0	572.1	571.8	580.5	584.2	.
Cyprus	267	261	22.9	4.4	72.7	0.8	1.5	480.6	469.8	490.4	475.2	476.8
Czech Republic	344	337	21.4	22.7	55.9	0.5	1.1	524.9	534.5	523.5	439.5	525.8
Denmark	278	172	28.1	31.9	40.0	17.4	19.5	518.1	528.7	521.2	520.1	521.9
England	178	123	10.9	79.1	10.0	3.4	23.3	554.3	558.7	559.6	551.6	550.7
Finland	369	347	42.5	7.6	49.8	2.1	2.7	543.9	549.3	541.1	545.0	509.7
France	306	234	9.9	36.3	53.8	5.3	18.1	503.4	483.5	488.3	496.3	486.0
Georgia	218	214	34.0	25.3	40.7	2.0	0.0	467.8	457.1	468.6	444.0	.
Germany	243	193	16.2	18.7	65.1	5.6	13.5	511.7	516.4	515.5	515.5	517.8
Hong Kong SAR	182	120	14.3	10.2	75.5	1.6	31.3	537.7	527.6	543.2	593.8	552.3
Hungary	263	215	19.5	66.0	14.6	0.5	15.7	524.4	523.4	522.6	452.9	530.6
Iran, Islamic Rep. of	224	222	6.6	81.9	11.4	1.0	0.0	431.5	436.1	399.2	481.9	.
Ireland	239	236	14.4	26.9	58.8	1.0	0.4	542.1	536.5	527.6	514.4	537.9
Italy	266	260	5.8	6.0	88.3	1.6	0.7	493.8	513.0	511.6	505.1	504.4
Japan	142	136	1.4	66.5	32.1	3.4	1.6	560.9	557.0	549.7	552.6	568.6
Jordan	224	219	14.5	51.3	34.1	1.7	0.3	410.1	418.2	421.9	396.9	336.1
Kazakhstan	303	240	30.4	64.2	5.4	18.1	1.3	466.0	470.9	442.6	459.2	484.2
Korea, Rep. of	199	170	0.0	5.8	94.2	7.5	7.9	.	607.0	583.6	572.1	575.3
Kosovo	231	192	12.8	66.3	20.9	8.7	9.5	411.9	400.6	417.7	397.7	386.5
Kuwait	164	163	21.5	14.6	63.8	0.0	0.7	388.9	391.9	362.5	.	495.2
Latvia	213	203	10.3	68.2	21.4	0.8	3.8	523.5	527.8	523.3	509.0	508.2
Lithuania	250	244	34.9	51.9	13.2	1.1	0.5	536.2	537.9	532.7	551.3	572.4
Macao SAR	275	274	33.6	11.1	55.3	0.0	0.0	542.6	525.7	533.7	589.8	.
Montenegro	338	314	3.4	9.1	87.4	4.1	4.0	454.8	459.0	461.1	452.3	469.7
Morocco	303	272	6.0	51.5	42.5	1.6	5.9	391.8	398.3	381.2	451.8	366.6
Netherlands	188	109	9.8	28.0	62.2	6.4	32.9	525.2	519.9	515.5	507.8	517.3
New Zealand	396	192	22.6	23.7	53.8	4.4	45.2	519.5	536.4	521.5	515.8	508.5
North Macedonia	274	194	32.4	39.2	28.4	3.8	25.2	457.6	431.9	436.3	420.7	433.4
Norway (5)	314	205	27.4	36.6	36.0	5.2	26.6	543.0	530.6	530.0	526.4	522.7
Oman	287	270	44.3	6.7	49.0	2.6	2.6	422.2	475.7	436.1	423.5	442.7
Poland	267	260	0.0	5.0	95.0	2.4	0.7	.	559.1	549.2	551.1	572.0
Portugal	321	312	34.6	64.0	1.4	2.1	0.8	511.6	509.6	495.0	535.0	510.7
Qatar	283	272	18.9	32.2	49.0	2.5	2.3	486.5	506.8	439.8	482.9	543.2
Romania	188	119	30.0	55.3	14.7	4.0	34.2	520.7	539.5	533.0	523.1	514.4
Saudi Arabia	217	182	22.0	75.2	2.7	4.7	10.5	428.9	426.9	426.0	405.6	439.7
Serbia	213	209	18.8	11.0	70.2	1.5	0.0	509.0	506.9	510.3	521.5	.
Singapore	362	358	1.1	1.9	97.0	0.9	0.3	592.4	607.9	607.7	595.8	585.9
Slovak Republic	269	269	6.7	77.0	16.3	0.0	0.0	536.4	522.0	507.2	.	.
Slovenia	269	259	8.0	72.9	19.1	1.6	1.6	534.0	525.9	521.8	501.1	543.1
South Africa (5)	287	208	27.8	19.5	52.7	3.6	24.6	337.5	309.7	290.6	295.1	311.3
Spain	582	553	49.1	40.5	10.4	2.7	2.0	505.4	504.5	497.1	493.8	512.2
Sweden	250	193	19.6	32.3	48.1	7.8	14.5	540.5	539.5	532.7	499.0	529.4
Turkiye (5)	171	166	6.1	92.2	1.7	3.5	0.0	573.3	568.6	610.8	584.8	.
United Arab Emirates	1435	1190	33.1	44.6	22.2	2.8	11.2	497.2	518.9	457.6	454.7	481.2
United States	495	465	23.2	34.2	42.5	3.1	3.6	541.2	530.2	529.8	535.5	526.0
Uzbekistan	168	155	32.8	65.8	1.4	6.2	2.0	411.2	413.7	357.5	406.2	420.6
International Avg. (58)	17865	15340	20.7	38.3	41.0	4.0	9.3	494.5	497.2	490.5	491.5	492.9
Ontario, Canada	286	225	13.1	12.6	74.3	8.1	11.8	531.0	510.2	528.2	530.5	514.7
Quebec, Canada	215	184	19.6	51.0	29.5	4.4	8.0	511.1	506.0	505.3	513.2	512.1
Abu Dhabi, UAE	553	455	34.1	33.8	32.1	3.7	11.4	449.3	477.3	423.7	375.9	436.0
Dubai, UAE	359	305	28.1	57.4	14.5	2.5	9.4	563.7	580.4	511.3	551.5	534.8
Sharjah, UAE	284	222	42.6	38.9	18.5	2.2	14.9	513.7	496.6	506.1	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: How Earth's rotation causes day and night
Location: TQS-09Cj (ATBS09CJ)

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
Albania	123	92	41.7	18.8	39.6	5.4	17.7	479.4	492.1	491.8	492.3	507.0
Armenia	211	201	59.3	34.8	6.0	1.2	1.9	455.4	458.2	468.5	461.4	461.0
Australia	347	224	50.5	26.4	23.1	7.0	27.0	549.2	555.3	553.0	545.7	545.2
Azerbaijan	271	194	52.5	32.0	15.5	15.7	12.8	427.5	424.4	417.9	406.9	420.6
Bahrain	212	209	21.2	72.5	6.2	1.5	0.0	488.1	468.6	503.8	478.4	.
Belgium (Flemish)	278	207	17.2	51.0	31.8	2.7	19.7	497.1	488.6	492.4	490.7	477.0
Belgium (French)	344	278	13.1	30.8	56.2	3.2	14.9	481.5	479.6	484.3	500.8	466.6
Bosnia & Herzegovina	236	170	16.5	65.4	18.1	7.4	20.2	454.7	448.6	450.1	459.7	438.8
Brazil	1047	892	18.5	61.0	20.6	12.6	1.6	412.3	432.6	423.2	410.4	437.3
Bulgaria	208	202	8.0	91.0	1.0	2.2	1.0	533.1	532.8	347.0	472.7	515.0
Canada	917	784	18.6	26.9	54.5	5.8	9.4	512.9	510.2	530.0	525.7	515.2
Chile	178	160	78.4	18.0	3.6	1.9	7.1	485.7	458.7	448.1	499.3	471.0
Chinese Taipei	238	236	14.8	56.7	28.6	1.1	0.0	571.8	571.5	574.8	584.2	.
Cyprus	267	261	52.3	5.3	42.4	0.8	1.5	487.3	472.2	489.1	475.2	476.8
Czech Republic	344	337	30.2	36.3	33.4	0.5	1.1	522.7	533.6	521.6	439.5	525.8
Denmark	278	173	41.5	45.0	13.5	17.0	19.5	516.7	528.8	522.9	519.0	521.9
England	178	123	9.9	80.9	9.2	3.4	23.3	555.6	558.5	559.6	551.6	550.7
Finland	369	347	64.3	11.2	24.5	2.1	2.7	545.8	535.3	538.9	545.0	509.7
France	306	236	34.7	47.2	18.1	4.4	18.1	494.9	487.6	477.6	493.2	486.0
Georgia	218	210	52.0	29.6	18.4	3.3	0.0	472.1	454.7	462.5	459.0	.
Germany	243	192	37.0	23.7	39.3	6.2	13.5	516.0	515.8	512.9	520.0	517.8
Hong Kong SAR	182	119	19.5	13.0	67.5	2.0	31.3	528.0	535.0	545.6	582.8	552.3
Hungary	263	215	25.9	67.4	6.7	0.5	15.7	525.8	522.5	524.2	452.9	530.6
Iran, Islamic Rep. of	224	223	15.5	77.9	6.6	0.6	0.0	430.3	434.2	403.7	521.0	.
Ireland	239	236	28.5	45.7	25.9	1.4	0.4	531.1	532.3	533.3	509.3	537.9
Italy	266	260	12.5	14.4	73.0	1.6	0.7	510.8	506.7	511.4	505.1	504.4
Japan	142	136	2.2	14.4	83.4	3.4	1.6	561.0	554.5	554.5	552.6	568.6
Jordan	224	219	13.1	83.2	3.7	1.7	0.3	395.7	418.9	484.6	396.9	336.1
Kazakhstan	303	238	40.7	56.2	3.0	18.7	1.3	466.4	470.2	440.8	459.9	484.2
Korea, Rep. of	199	170	0.0	6.7	93.3	7.5	7.9	.	602.3	583.8	572.1	575.3
Kosovo	231	193	19.5	72.1	8.4	8.2	9.5	410.7	404.7	400.0	398.9	386.5
Kuwait	164	163	63.4	17.0	19.6	0.0	0.7	375.9	377.0	357.5	.	495.2
Latvia	213	203	27.2	60.2	12.6	0.8	3.8	523.2	528.4	523.4	509.0	508.2
Lithuania	250	244	41.1	51.7	7.2	1.3	0.5	536.8	537.3	534.0	530.5	572.4
Macao SAR	275	274	45.3	11.6	43.1	0.0	0.0	541.3	534.1	530.4	589.8	.
Montenegro	338	316	25.9	36.0	38.1	2.6	4.0	456.6	467.7	455.8	460.9	469.7
Morocco	303	272	7.8	53.2	39.0	1.6	5.9	413.0	390.0	387.1	451.8	366.6
Netherlands	188	109	21.5	44.4	34.1	6.4	32.9	511.3	516.0	523.9	507.8	517.3
New Zealand	396	192	33.5	30.5	36.0	4.4	45.2	524.1	529.3	521.0	515.8	508.5
North Macedonia	274	194	44.2	38.8	17.0	3.5	25.2	451.4	438.1	422.0	424.0	433.4
Norway (5)	314	205	28.4	44.6	27.0	5.2	26.6	546.2	528.2	530.0	526.4	522.7
Oman	287	269	66.9	9.8	23.2	2.8	2.6	428.0	458.4	434.7	426.3	442.7
Poland	267	260	4.3	36.5	59.1	2.4	0.7	549.5	552.9	547.6	551.1	572.0
Portugal	321	312	45.6	53.3	1.1	2.1	0.8	511.6	509.3	486.8	535.0	510.7
Qatar	283	273	26.2	34.8	38.9	1.8	2.3	474.4	503.0	435.6	535.9	543.2
Romania	188	119	49.9	46.1	4.0	4.0	34.2	531.2	538.6	489.4	523.1	514.4
Saudi Arabia	217	182	23.9	73.5	2.6	4.7	10.5	434.6	424.4	442.8	405.6	439.7
Serbia	213	209	58.2	18.4	23.4	1.5	0.0	509.3	506.5	514.9	494.9	.
Singapore	362	358	1.5	5.0	93.5	0.9	0.3	587.4	619.2	607.2	595.8	585.9
Slovak Republic	269	268	9.1	89.1	1.8	0.3	0.0	538.7	522.6	353.2	372.0	.
Slovenia	269	258	11.5	82.2	6.3	1.8	1.6	529.4	525.1	527.1	505.9	543.1
South Africa (5)	287	210	24.8	29.6	45.6	2.7	24.6	310.1	331.3	288.7	311.7	311.3
Spain	582	554	49.2	42.9	7.9	2.4	2.0	504.5	506.3	489.3	495.7	512.2
Sweden	250	193	22.1	43.9	34.1	6.6	14.5	536.2	535.0	531.5	520.6	529.4
Turkiye (5)	171	165	18.4	70.3	11.3	3.8	0.0	573.6	571.2	552.7	585.6	.
United Arab Emirates	1435	1190	35.9	47.3	16.8	2.8	11.2	492.7	517.2	456.3	452.1	481.2
United States	495	464	26.8	38.0	35.2	3.3	3.6	542.6	529.2	528.3	538.3	526.0
Uzbekistan	168	155	34.1	65.2	0.7	6.2	2.0	412.0	412.5	379.1	406.2	420.6
International Avg. (58)	17865	15348	30.3	42.9	26.8	3.9	9.3	494.1	496.5	484.5	492.2	492.9
Ontario, Canada	286	225	18.3	13.6	68.1	8.1	11.8	520.4	517.2	529.7	530.5	514.7
Quebec, Canada	215	184	22.5	53.0	24.5	3.8	8.0	505.0	506.8	508.0	516.6	512.1
Abu Dhabi, UAE	553	455	42.1	36.8	21.1	3.8	11.4	440.0	480.3	419.8	378.8	436.0
Dubai, UAE	359	306	32.8	53.8	13.4	2.1	9.4	573.3	574.6	509.9	556.1	534.8
Sharjah, UAE	284	222	30.7	55.7	13.6	2.2	14.9	512.0	505.7	491.0	506.6	486.6

Question: When students in this class have been taught each of the following science topics. Earth Science: How Earth's annual movement around the Sun causes seasons or seasonal change
Location: TQS-09Ck (ATBS09CK)

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
Albania	123	92	37.8	14.9	47.3	5.4	17.7	476.0	501.0	490.8	492.3	507.0
Armenia	211	201	58.2	34.8	7.1	1.2	1.9	455.5	458.6	464.0	461.4	461.0
Australia	347	225	52.2	21.6	26.1	6.9	27.0	551.2	548.7	554.8	546.3	545.2
Azerbaijan	271	194	53.1	30.6	16.3	15.8	12.8	429.4	426.2	409.3	406.5	420.6
Bahrain	212	210	21.0	68.4	10.6	0.4	0.0	484.6	468.9	494.9	480.7	.
Belgium (Flemish)	278	207	15.4	43.6	41.0	2.7	19.7	494.4	487.9	493.8	490.7	477.0
Belgium (French)	344	278	13.6	24.9	61.5	3.2	14.9	479.6	477.6	485.1	500.8	466.6
Bosnia & Herzegovina	236	171	23.7	59.1	17.2	6.7	20.2	460.2	445.5	452.4	457.4	438.8
Brazil	1047	889	16.4	56.5	27.0	12.7	1.6	418.0	432.9	419.9	410.4	437.3
Bulgaria	208	202	8.9	88.3	2.9	2.2	1.0	532.6	533.6	444.6	472.7	515.0
Canada	917	783	20.0	25.6	54.4	6.0	9.4	513.4	509.5	530.2	524.7	515.2
Chile	178	160	81.0	15.4	3.6	1.9	7.1	484.8	458.6	448.1	499.3	471.0
Chinese Taipei	238	234	10.5	33.9	55.6	2.0	0.0	571.0	572.3	573.4	565.3	.
Cyprus	267	261	41.2	5.1	53.7	0.8	1.5	488.2	464.9	488.6	475.2	476.8
Czech Republic	344	337	31.1	37.0	31.9	0.5	1.1	522.8	532.6	522.3	439.5	525.8
Denmark	278	171	41.8	44.8	13.4	17.9	19.5	517.2	529.1	519.5	519.7	521.9
England	178	123	9.1	80.5	10.4	3.4	23.3	555.9	558.9	555.8	551.6	550.7
Finland	369	347	61.2	13.2	25.5	2.1	2.7	547.1	534.3	537.3	545.0	509.7
France	306	234	26.1	49.5	24.4	5.3	18.1	496.4	486.9	481.5	496.2	486.0
Georgia	218	213	48.0	26.3	25.8	1.7	0.0	474.6	457.2	455.5	457.3	.
Germany	243	194	41.2	22.4	36.4	5.6	13.5	517.9	509.4	513.9	523.8	517.8
Hong Kong SAR	182	119	15.4	13.4	71.3	2.0	31.3	542.1	523.1	543.8	582.8	552.3
Hungary	263	215	26.1	66.2	7.8	0.5	15.7	525.4	522.1	528.6	452.9	530.6
Iran, Islamic Rep. of	224	223	14.2	74.3	11.4	0.6	0.0	440.3	435.9	392.5	521.0	.
Ireland	239	237	27.7	46.1	26.2	0.5	0.4	532.2	533.2	529.0	543.4	537.9
Italy	266	259	12.5	12.6	74.8	1.8	0.7	505.1	512.1	511.6	498.5	504.4
Japan	142	136	2.2	10.2	87.6	3.4	1.6	561.0	554.5	554.5	552.6	568.6
Jordan	224	218	14.1	83.5	2.4	2.0	0.3	403.2	417.5	532.9	399.8	336.1
Kazakhstan	303	240	38.4	55.7	5.9	18.0	1.3	466.4	472.2	441.2	458.1	484.2
Korea, Rep. of	199	170	0.0	6.4	93.6	7.5	7.9	.	604.1	583.7	572.1	575.3
Kosovo	231	193	17.5	70.3	12.2	8.2	9.5	411.8	404.9	399.6	398.9	386.5
Kuwait	164	163	60.4	15.1	24.5	0.0	0.7	371.9	397.2	358.8	.	495.2
Latvia	213	203	23.6	60.3	16.1	0.8	3.8	530.8	526.2	520.8	509.0	508.2
Lithuania	250	245	41.5	48.1	10.4	0.8	0.5	539.4	537.1	524.3	542.4	572.4
Macao SAR	275	274	28.0	16.2	55.8	0.0	0.0	531.5	538.8	537.1	589.8	.
Montenegro	338	315	32.3	40.0	27.8	2.6	4.0	456.9	465.7	456.3	461.4	469.7
Morocco	303	271	6.2	44.4	49.4	1.8	5.9	402.2	396.3	386.1	396.8	366.6
Netherlands	188	110	16.2	38.6	45.2	6.1	32.9	518.9	515.7	518.9	507.3	517.3
New Zealand	396	192	32.8	32.4	34.8	4.4	45.2	530.1	523.2	520.7	515.8	508.5
North Macedonia	274	195	47.4	36.8	15.8	3.9	25.2	448.2	438.7	428.9	418.4	433.4
Norway (5)	314	205	29.1	42.2	28.7	5.2	26.6	544.5	527.5	532.2	526.4	522.7
Oman	287	267	61.7	6.6	31.6	3.6	2.6	427.4	471.4	435.8	416.6	442.7
Poland	267	260	2.1	54.0	43.9	2.4	0.7	529.4	550.3	549.9	551.1	572.0
Portugal	321	311	46.8	52.1	1.1	2.5	0.8	511.7	508.9	486.8	536.0	510.7
Qatar	283	275	23.2	37.3	39.5	1.3	2.3	479.5	500.8	433.4	559.7	543.2
Romania	188	118	42.4	53.9	3.8	5.0	34.2	533.8	537.1	488.1	513.3	514.4
Saudi Arabia	217	183	26.0	71.7	2.3	4.2	10.5	429.5	424.8	468.1	409.0	439.7
Serbia	213	210	69.8	16.1	14.1	1.7	0.0	508.0	511.7	519.8	485.2	.
Singapore	362	357	1.4	3.4	95.2	1.1	0.3	603.0	630.0	606.9	590.0	585.9
Slovak Republic	269	269	8.1	88.0	3.9	0.0	0.0	540.3	521.6	457.4	.	.
Slovenia	269	259	10.9	81.1	8.0	1.6	1.6	532.7	524.4	529.7	501.1	543.1
South Africa (5)	287	211	21.1	26.7	52.1	2.3	24.6	296.1	329.5	298.0	331.9	311.3
Spain	582	555	50.3	41.4	8.3	2.3	2.0	504.5	506.3	490.2	496.2	512.2
Sweden	250	193	18.9	41.2	39.9	6.4	14.5	531.2	534.3	535.0	521.0	529.4
Turkiye (5)	171	165	11.5	40.7	47.8	3.8	0.0	569.3	569.0	570.0	585.6	.
United Arab Emirates	1435	1190	31.3	50.0	18.7	2.8	11.2	489.9	516.6	462.4	452.8	481.2
United States	495	464	25.3	39.5	35.2	3.6	3.6	541.7	531.9	528.2	522.3	526.0
Uzbekistan	168	155	35.7	63.6	0.7	6.2	2.0	411.4	412.8	379.1	406.2	420.6
International Avg. (58)	17865	15351	29.0	41.0	30.0	3.9	9.3	494.2	496.9	489.2	493.6	492.9
Ontario, Canada	286	224	19.2	12.5	68.3	8.2	11.8	522.2	513.5	529.8	530.7	514.7
Quebec, Canada	215	185	23.9	52.0	24.1	3.5	8.0	503.5	506.7	510.6	513.8	512.1
Abu Dhabi, UAE	553	455	37.4	38.2	24.4	3.7	11.4	433.4	478.8	432.5	378.1	436.0
Dubai, UAE	359	306	27.9	58.7	13.4	2.1	9.4	571.8	574.7	512.1	556.1	534.8
Sharjah, UAE	284	222	28.1	56.6	15.3	2.2	14.9	516.1	505.2	487.8	506.6	486.6

Question: How often do you usually assign science homework to the students in this class?
Location: TQS-10A (ATBS10A)

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
Albania	123	93	0.0	3.7	76.7	0.7	18.9	4.5	17.7	.	511.0	480.9	495.7	506.8	487.9	507.0
Armenia	211	192	5.5	12.2	71.0	2.6	8.6	6.4	1.9	457.2	475.1	457.3	424.2	450.6	445.7	461.0
Australia	347	232	81.6	16.1	2.4	0.0	0.0	4.3	27.0	550.7	559.5	534.3	.	.	541.6	545.2
Azerbaijan	271	215	2.2	14.2	73.5	2.1	8.0	6.6	12.8	406.4	423.0	424.6	404.4	406.2	418.1	420.6
Bahrain	212	210	31.7	24.3	30.9	8.0	5.1	0.6	0.0	455.4	468.8	493.8	500.0	478.5	431.4	.
Belgium (Flemish)	278	210	43.8	52.5	3.6	0.0	0.0	1.9	19.7	486.2	494.5	496.8	.	.	503.7	477.0
Belgium (French)	344	283	67.9	30.4	1.7	0.0	0.0	2.2	14.9	481.9	486.7	438.5	.	.	503.7	466.6
Bosnia & Herzegovina	236	169	0.5	19.1	73.2	5.5	1.7	8.1	20.2	463.4	450.7	449.5	440.3	455.6	463.1	438.8
Brazil	1047	891	11.5	24.5	57.1	5.1	1.8	12.2	1.6	434.3	424.6	427.5	406.9	453.8	409.4	437.3
Bulgaria	208	202	2.2	23.7	66.9	3.0	4.3	1.9	1.0	537.8	523.8	535.0	524.2	543.0	390.1	515.0
Canada	917	790	68.4	22.2	9.1	0.0	0.3	4.6	9.4	518.8	529.3	522.5	527.0	475.2	529.0	515.2
Chile	178	158	52.1	34.7	13.2	0.0	0.0	2.0	7.1	485.2	475.0	468.6	.	.	500.0	471.0
Chinese Taipei	238	230	35.2	49.3	15.3	0.1	0.0	3.1	0.0	573.1	572.8	569.1	527.2	.	582.1	.
Cyprus	267	259	58.7	32.2	8.3	0.7	0.0	1.5	1.5	479.1	495.2	513.6	497.4	.	477.8	476.8
Czech Republic	344	338	18.5	76.5	4.7	0.3	0.0	0.3	1.1	523.4	527.8	513.4	536.9	.	385.8	525.8
Denmark	278	179	81.8	16.3	1.9	0.0	0.0	14.7	19.5	522.7	520.5	540.4	.	.	519.8	521.9
England	178	123	63.0	34.2	1.4	0.0	0.0	3.4	23.3	553.2	563.4	662.0	551.6	.	554.7	550.7
Finland	369	350	0.9	15.6	75.1	7.9	0.4	1.2	2.7	520.9	540.0	542.0	559.6	545.9	547.8	509.7
France	306	239	55.3	33.6	11.1	0.0	0.0	3.5	18.1	484.7	493.2	489.0	.	.	501.1	486.0
Georgia	218	218	0.0	12.9	68.6	4.4	14.1	0.0	0.0	.	472.2	464.7	463.9	460.0	.	.
Germany	243	196	31.3	54.0	13.4	1.3	0.0	4.6	13.5	506.4	519.0	516.9	503.5	.	525.1	517.8
Hong Kong SAR	182	121	3.2	38.6	46.6	9.0	2.6	0.8	31.3	520.9	552.7	541.7	517.2	478.6	594.6	552.3
Hungary	263	214	3.7	24.3	70.5	0.7	0.8	0.8	15.7	500.6	519.6	525.2	557.0	554.6	487.6	530.6
Iran, Islamic Rep. of	224	223	10.1	22.4	50.8	14.7	2.0	0.4	0.0	454.0	424.5	433.1	426.1	432.3	388.4	.
Ireland	239	237	73.4	24.8	1.1	0.2	0.5	0.5	0.4	529.9	538.1	510.5	488.0	557.9	543.4	537.9
Italy	266	260	1.3	27.0	70.4	0.0	1.3	1.6	0.7	452.0	518.3	509.0	.	500.5	505.1	504.4
Japan	142	136	63.6	35.8	0.6	0.0	0.0	3.4	1.6	556.6	551.5	544.3	.	.	552.6	568.6
Jordan	224	214	0.7	12.6	61.6	13.4	11.6	3.2	0.3	494.5	421.9	419.1	401.4	426.6	401.2	336.1
Kazakhstan	303	238	3.1	2.7	64.5	2.5	27.2	18.4	1.3	509.4	446.6	469.6	480.1	461.0	458.3	484.2
Korea, Rep. of	199	172	77.6	20.1	2.3	0.0	0.0	5.3	7.9	586.3	576.3	595.3	.	.	574.3	575.3
Kosovo	231	195	0.0	9.2	86.8	0.9	3.2	6.8	9.5	422.8	405.4	408.4	341.2	402.8	386.5	.
Kuwait	164	160	5.0	27.9	54.8	6.9	5.3	1.5	0.7	449.8	375.2	362.8	375.2	393.2	331.5	495.2
Latvia	213	204	7.5	54.5	36.1	0.4	1.5	0.6	3.8	540.7	527.0	523.1	444.6	524.0	524.8	508.2
Lithuania	250	246	3.8	33.1	61.1	1.0	1.1	0.6	0.5	554.2	536.6	536.3	517.8	508.0	561.5	572.4
Macao SAR	275	274	9.6	34.7	39.1	15.4	1.1	0.0	0.0	540.0	536.7	530.3	545.4	532.4	589.8	.
Montenegro	338	321	0.0	9.8	80.8	4.0	5.4	1.5	4.0	.	474.8	459.7	453.8	454.3	440.9	469.7
Morocco	303	257	12.4	25.3	57.7	2.6	2.1	1.5	5.9	374.8	416.3	385.3	368.1	348.8	457.4	366.6
Netherlands	188	111	72.6	26.0	1.4	0.0	0.0	5.7	32.9	517.5	516.6	550.9	.	.	506.2	517.3
New Zealand	396	193	92.0	6.7	1.0	0.4	0.0	4.2	45.2	522.9	530.1	615.1	564.5	.	517.3	508.5
North Macedonia	274	197	1.9	22.7	67.6	2.7	5.0	3.5	25.2	403.2	424.3	452.2	450.6	393.3	409.3	433.4
Norway (5)	314	208	66.1	29.4	4.5	0.0	0.0	4.6	26.6	530.1	543.2	523.6	.	.	527.2	522.7
Oman	287	270	3.4	15.8	57.7	18.8	4.2	2.6	2.6	462.2	424.1	434.9	433.7	406.4	421.3	442.7
Poland	267	262	17.3	58.3	24.5	0.0	0.0	1.7	0.7	548.3	550.8	546.6	.	.	568.6	572.0
Portugal	321	313	8.7	54.0	35.9	1.3	0.0	1.6	0.8	506.2	511.1	510.3	504.4	.	531.1	510.7
Qatar	283	277	6.7	12.3	61.5	14.0	5.6	0.5	2.3	503.9	514.2	460.5	449.6	488.5	554.6	543.2
Romania	188	118	21.2	52.4	23.9	0.7	1.9	3.8	34.2	530.5	535.0	539.1	564.0	434.9	515.2	514.4
Saudi Arabia	217	181	1.7	8.7	41.8	35.5	12.3	5.7	10.5	405.9	405.1	419.1	435.1	451.6	409.0	439.7
Serbia	213	212	1.5	21.0	70.2	4.6	2.6	0.4	0.0	514.2	507.9	511.4	493.4	507.6	526.3	.
Singapore	362	355	1.5	43.8	51.6	2.8	0.2	1.8	0.3	630.4	614.7	600.8	608.0	536.6	609.0	585.9
Slovak Republic	269	269	15.1	48.9	35.7	0.3	0.0	0.0	0.0	518.4	518.9	524.3	442.0	.	.	.
Slovenia	269	260	6.0	56.0	38.0	0.0	0.0	1.2	1.6	521.9	527.3	523.7	.	.	505.4	543.1
South Africa (5)	287	210	5.8	15.3	49.3	19.9	9.8	3.4	24.0	333.2	434.2	290.9	271.3	252.3	323.6	306.7
Spain	582	556	21.0	40.6	32.9	5.1	0.4	2.3	2.0	500.3	504.3	505.7	506.5	512.5	496.0	512.2
Sweden	250	196	48.5	48.9	2.5	0.0	0.0	5.3	14.5	532.0	538.1	502.0	.	.	515.3	529.4
Turkiye (5)	171	168	3.2	18.9	73.9	3.1	0.9	1.9	0.0	540.8	579.0	565.7	624.0	595.9	602.1	.
United Arab Emirates	1435	1197	12.1	20.1	53.6	7.8	6.5	2.6	11.2	505.1	518.9	492.3	478.7	489.6	454.1	481.2
United States	495	469	74.8	14.8	9.7	0.5	0.2	2.1	3.6	533.7	533.4	520.9	522.3	586.0	542.5	526.0
Uzbekistan	168	158	0.7	0.8	72.7	3.7	22.1	4.4	2.0	371.3	403.5	411.8	433.4	412.3	398.1	420.6
International Avg. (58)	17865	15429	25.3	27.9	39.2	4.1	3.5	3.3	9.3	498.8	500.0	496.4	480.2	469.1	490.4	492.8
Ontario, Canada	286	227	50.2	30.4	18.7	0.0	0.6	6.6	11.8	524.4	531.4	521.8	.	475.2	538.2	514.7
Quebec, Canada	215	185	86.1	11.8	2.1	0.0	0.0	3.5	8.0	505.4	515.1	517.9	.	.	513.8	512.1
Abu Dhabi, UAE	553	459	15.3	18.9	51.4	8.6	5.8	3.3	11.4	453.2	468.1	438.1	453.5	483.0	381.1	436.0
Dubai, UAE	359	305	17.2	27.3	48.8	4.9	1.9	2.5	9.4	570.9	576.5	559.8	560.2	559.5	529.4	534.8
Sharjah, UAE	284	223	6.3	18.3	59.5	5.5	10.5	1.9	14.9	474.5	499.2	516.5	485.7	484.7	504.8	486.6

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-10Ba (ATBS10Ba)

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
Albania	123	92	83.3	16.7	0.0	0.0	5.4	17.7	489.3	475.1	475.1	489.5	507.0	461.0
Armenia	211	185	68.2	24.8	1.3	5.8	9.9	1.9	459.8	452.8	424.5	457.2	455.0	461.0
Australia	347	232	9.9	3.1	5.5	81.6	4.3	27.0	550.9	576.2	554.8	550.7	541.6	545.2
Azerbaijan	271	210	68.7	27.1	1.9	2.3	8.2	12.8	421.1	427.4	400.8	406.4	418.5	420.6
Bahrain	212	210	62.9	5.3	0.0	31.8	0.8	0.0	483.0	499.9	499.9	455.4	455.4	455.4
Belgium (Flemish)	278	210	37.8	13.7	4.7	43.8	2.0	19.7	496.2	488.5	502.1	486.2	499.7	477.0
Belgium (French)	344	283	19.3	9.1	3.7	67.9	2.2	14.9	482.1	483.5	496.2	481.9	503.7	466.6
Bosnia & Herzegovina	236	169	48.6	50.1	0.9	0.5	7.7	20.2	454.0	445.4	465.3	463.4	459.2	438.8
Brazil	1047	885	78.3	8.0	2.1	11.6	12.8	1.6	428.3	411.6	387.6	434.3	411.5	437.3
Bulgaria	208	199	82.9	14.9	0.0	2.2	3.1	1.0	531.4	539.6	539.6	537.8	436.2	515.0
Canada	917	791	19.8	10.5	1.3	68.4	4.5	9.4	525.4	529.0	534.4	518.8	528.4	515.2
Chile	178	158	35.9	10.8	0.5	52.8	3.2	7.1	474.0	464.8	580.6	485.2	493.3	471.0
Chinese Taipei	238	234	53.6	11.3	0.5	34.6	1.5	0.0	572.3	572.7	559.5	573.1	575.3	575.3
Cyprus	267	252	31.4	7.0	1.4	60.2	3.8	1.5	502.8	484.7	481.9	479.1	491.7	476.8
Czech Republic	344	330	54.7	18.9	7.4	19.0	2.6	1.1	525.0	534.1	527.5	523.4	498.2	525.8
Denmark	278	178	6.7	6.1	5.0	82.2	15.1	19.5	522.0	528.9	509.9	522.7	521.1	521.9
England	178	123	18.5	10.3	7.8	63.4	3.9	23.3	582.2	554.5	544.7	553.2	558.0	550.7
Finland	369	349	20.4	54.4	24.3	0.9	1.8	2.7	536.5	544.7	544.5	520.9	555.3	509.7
France	306	237	18.9	11.7	13.7	55.7	4.0	18.1	490.3	478.2	505.6	484.7	502.5	486.0
Georgia	218	212	75.1	24.6	0.3	0.0	2.8	0.0	464.1	465.0	482.0	485.9	485.9	485.9
Germany	243	195	24.1	28.1	16.2	31.5	5.3	13.5	511.7	518.0	530.7	506.4	519.2	517.8
Hong Kong SAR	182	121	75.3	21.5	0.0	3.2	0.8	31.3	543.9	536.0	536.0	520.9	594.6	552.3
Hungary	263	213	71.1	19.6	5.6	3.7	1.6	15.7	523.5	534.1	507.3	500.6	482.2	530.6
Iran, Islamic Rep. of	224	221	59.5	28.7	1.6	10.2	1.4	0.0	434.0	417.4	443.6	454.0	479.7	479.7
Ireland	239	235	15.8	7.7	2.8	73.8	1.1	0.4	533.9	548.3	521.2	529.9	545.0	537.9
Italy	266	259	87.5	9.0	2.2	1.3	1.8	0.7	511.8	506.9	507.5	452.0	514.8	504.4
Japan	142	136	23.9	8.1	4.3	63.6	3.4	1.6	551.7	557.8	537.3	556.6	552.6	568.6
Jordan	224	217	91.7	7.5	0.0	0.7	2.9	0.3	418.2	416.3	416.3	494.5	395.4	336.1
Kazakhstan	303	232	88.7	8.1	0.0	3.2	20.3	1.3	461.5	537.7	537.7	509.4	455.3	484.2
Korea, Rep. of	199	172	9.1	12.6	0.7	77.6	5.3	7.9	581.1	573.9	620.8	586.3	574.3	575.3
Kosovo	231	193	79.2	20.8	0.0	0.0	7.8	9.5	404.4	406.2	406.2	405.8	386.5	386.5
Kuwait	164	159	85.2	9.7	0.0	5.1	2.3	0.7	369.6	363.9	363.9	449.8	347.1	495.2
Latvia	213	199	64.9	25.0	2.4	7.7	2.4	3.8	525.9	523.7	521.8	540.7	520.2	508.2
Lithuania	250	245	56.5	37.0	2.7	3.8	0.8	0.5	534.9	537.6	536.7	554.2	544.7	572.4
Macao SAR	275	274	68.2	21.7	0.5	9.6	0.0	0.0	536.2	532.6	535.4	540.0	589.8	589.8
Montenegro	338	316	65.8	31.4	2.8	0.0	3.6	4.0	461.7	456.1	470.9	461.6	469.7	469.7
Morocco	303	262	63.0	24.1	0.0	12.9	5.5	5.9	392.3	386.4	386.4	374.8	441.4	366.6
Netherlands	188	111	9.5	5.6	12.3	72.6	5.7	32.9	511.8	525.0	520.3	517.5	506.2	517.3
New Zealand	396	189	4.3	3.5	0.0	92.2	4.4	46.0	540.3	542.9	542.9	522.6	518.6	509.1
North Macedonia	274	195	88.1	10.0	0.0	1.9	4.0	25.2	440.7	459.5	459.5	403.2	414.5	433.4
Norway (5)	314	207	10.9	12.6	10.4	66.2	4.7	26.6	548.5	536.8	536.9	530.1	527.3	522.7
Oman	287	268	82.5	13.8	0.3	3.5	3.4	2.6	435.7	407.8	500.5	462.2	416.1	442.7
Poland	267	262	64.8	17.2	0.8	17.3	1.7	0.7	546.0	563.6	538.5	548.3	568.6	572.0
Portugal	321	313	83.7	6.9	0.7	8.7	1.5	0.8	510.0	516.5	529.5	506.2	534.6	510.7
Qatar	283	277	85.9	7.1	0.3	6.7	0.9	2.3	465.7	484.5	532.4	503.9	538.9	543.2
Romania	188	119	74.5	4.4	0.0	21.1	3.5	34.2	534.1	528.8	528.8	530.5	518.8	514.4
Saudi Arabia	217	180	83.0	14.7	0.6	1.7	5.8	10.5	428.0	424.2	396.4	405.9	415.8	439.7
Serbia	213	209	68.1	30.1	0.3	1.5	1.8	0.0	508.5	512.2	557.6	514.2	510.0	510.0
Singapore	362	358	90.1	8.4	0.0	1.5	0.9	0.3	608.8	589.6	589.6	630.4	595.8	585.9
Slovak Republic	269	269	60.6	20.3	4.0	15.1	0.0	0.0	520.3	522.8	522.7	518.4	518.4	518.4
Slovenia	269	258	67.0	22.8	4.2	6.0	2.0	1.6	527.1	520.3	536.9	521.9	510.2	543.1
South Africa (5)	287	213	79.3	14.2	1.0	5.4	2.4	24.1	307.2	302.5	233.5	317.8	336.7	309.9
Spain	582	554	70.5	6.4	2.0	21.0	2.4	2.0	505.1	500.0	517.0	500.3	497.8	512.2
Sweden	250	196	37.9	11.2	2.4	48.5	5.3	14.5	537.4	533.9	530.0	532.0	515.3	529.4
Turkiye (5)	171	169	80.8	15.8	0.2	3.2	1.4	0.0	570.7	569.7	607.6	540.8	601.9	601.9
United Arab Emirates	1435	1196	73.4	13.2	1.3	12.1	2.5	11.2	498.6	481.9	534.9	505.1	463.7	481.2
United States	495	468	16.6	6.9	1.3	75.1	2.6	3.6	532.8	530.3	504.5	533.7	523.0	526.0
Uzbekistan	168	157	85.7	13.5	0.0	0.7	4.9	2.0	414.9	403.1	403.1	371.3	387.3	420.6
International Avg. (58)	17865	15356	55.9	15.8	2.9	25.4	3.9	9.3	496.2	496.0	507.6	498.5	494.8	492.9
Ontario, Canada	286	228	31.7	15.9	2.2	50.1	6.5	11.8	526.5	527.1	538.3	524.4	537.6	514.7
Quebec, Canada	215	185	8.0	5.3	0.6	86.1	3.5	8.0	512.7	517.7	534.5	505.4	513.8	512.1
Abu Dhabi, UAE	553	457	67.9	14.8	2.0	15.3	3.4	11.4	451.5	425.6	521.3	453.2	398.5	436.0
Dubai, UAE	359	307	63.9	17.4	1.7	17.0	1.9	9.4	570.4	543.0	560.2	570.9	551.6	534.8
Sharjah, UAE	284	223	87.3	6.4	0.0	6.3	1.9	14.9	508.9	491.0	491.0	474.5	510.0	486.6

Question: How often do you do the following with the science homework assignments for this class? Discuss the homework in class
 Location: TQS-10Bb (ATBS10BB)

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
Albania	123	92	90.5	9.5	0.0	0.0	5.4	17.7	488.1	475.4	.	489.5	507.0	.
Armenia	211	188	79.3	15.1	0.0	5.7	8.4	1.9	459.4	451.7	.	457.2	447.9	461.0
Australia	347	232	10.4	3.2	4.8	81.6	4.3	27.0	555.0	572.5	548.2	550.7	541.6	545.2
Azerbaijan	271	212	65.8	30.7	1.3	2.3	7.7	12.8	425.2	416.5	443.6	406.4	415.8	420.6
Bahrain	212	209	53.3	13.4	1.1	32.3	2.4	0.0	483.3	490.4	462.7	455.4	473.7	.
Belgium (Flemish)	278	210	30.1	21.9	4.1	43.8	2.0	19.7	495.2	491.2	511.1	486.2	499.7	477.0
Belgium (French)	344	282	18.9	9.4	3.6	68.1	2.4	14.9	484.4	477.5	501.3	481.9	500.8	466.6
Bosnia & Herzegovina	236	169	46.1	53.3	0.0	0.5	7.6	20.2	450.0	450.2	.	463.4	456.3	438.8
Brazil	1047	887	79.1	8.3	0.8	11.8	14.2	1.6	428.1	401.7	421.7	434.3	414.5	437.3
Bulgaria	208	200	63.8	34.0	0.0	2.2	2.8	1.0	530.5	536.9	.	537.8	421.2	515.0
Canada	917	789	20.4	10.2	0.9	68.4	4.6	9.4	525.6	530.7	522.8	518.8	527.5	515.2
Chile	178	159	41.4	6.1	0.0	52.5	2.6	7.1	474.0	463.0	.	485.2	503.5	471.0
Chinese Taipei	238	232	48.4	16.5	0.0	35.0	2.7	0.0	571.9	573.4	.	573.1	574.3	.
Cyprus	267	250	32.3	5.1	1.9	60.6	4.5	1.5	501.9	481.8	477.9	479.1	498.8	476.8
Czech Republic	344	334	55.6	25.1	0.6	18.8	1.5	1.1	526.6	528.8	497.0	523.4	492.0	525.8
Denmark	278	178	15.6	2.2	0.0	82.2	15.1	19.5	524.6	496.0	.	522.7	521.1	521.9
England	178	122	16.0	16.1	4.0	63.9	4.4	23.3	584.8	556.9	525.3	553.2	562.8	550.7
Finland	369	350	79.5	18.9	0.7	0.9	1.2	2.7	544.2	539.9	496.7	520.9	547.8	509.7
France	306	237	25.5	12.2	6.7	55.7	4.0	18.1	488.8	484.9	516.3	484.7	502.5	486.0
Georgia	218	212	82.7	17.3	0.0	0.0	2.9	0.0	465.6	460.7	.	471.0	.	.
Germany	243	196	53.6	12.9	2.3	31.3	4.6	13.5	519.0	516.9	510.5	506.4	525.1	517.8
Hong Kong SAR	182	121	57.2	39.6	0.0	3.2	0.8	31.3	543.4	540.2	.	520.9	594.6	552.3
Hungary	263	213	90.5	5.8	0.0	3.7	1.6	15.7	525.3	511.3	.	500.6	494.7	530.6
Iran, Islamic Rep. of	224	220	64.9	24.8	0.0	10.3	2.0	0.0	435.1	411.8	.	454.0	473.5	.
Ireland	239	235	19.1	3.8	3.3	73.8	1.1	0.4	537.6	540.8	527.3	529.9	545.0	537.9
Italy	266	261	87.4	10.7	0.6	1.3	1.1	0.7	511.3	512.4	483.3	452.0	516.1	504.4
Japan	142	136	11.2	17.4	7.7	63.6	3.4	1.6	551.0	550.7	553.4	556.6	552.6	568.6
Jordan	224	216	87.3	11.4	0.6	0.7	3.1	0.3	420.5	398.2	445.5	494.5	396.6	336.1
Kazakhstan	303	233	87.7	9.1	0.0	3.2	20.4	1.3	468.2	477.5	.	509.4	450.6	484.2
Korea, Rep. of	199	172	7.2	15.2	0.0	77.6	5.3	7.9	582.7	576.2	.	586.3	574.3	575.3
Kosovo	231	193	74.3	25.7	0.0	0.0	7.9	9.5	405.1	404.3	.	404.1	386.5	.
Kuwait	164	157	54.5	39.3	1.0	5.1	3.7	0.7	381.0	355.2	337.8	449.8	333.8	495.2
Latvia	213	201	75.7	16.5	0.3	7.6	1.5	3.8	522.8	536.4	515.9	540.7	517.5	508.2
Lithuania	250	246	81.6	14.0	0.6	3.8	0.6	0.5	537.8	529.3	434.3	554.2	561.5	572.4
Macao SAR	275	274	55.3	34.5	0.5	9.6	0.0	0.0	538.5	531.3	466.0	540.0	589.8	.
Montenegro	338	315	70.1	29.5	0.3	0.0	2.1	4.0	460.3	461.1	528.8	.	439.2	469.7
Morocco	303	262	66.9	19.5	0.6	12.9	5.4	5.9	393.4	386.9	353.3	374.8	429.4	366.6
Netherlands	188	111	13.1	8.2	6.1	72.6	5.7	32.9	517.9	524.4	511.1	517.5	506.2	517.3
New Zealand	396	188	5.3	2.1	0.2	92.4	4.5	46.0	545.4	526.7	494.5	522.6	521.5	509.1
North Macedonia	274	193	89.1	9.0	0.0	1.9	4.7	25.2	442.6	444.2	.	403.2	416.3	433.4
Norway (5)	314	208	16.4	13.9	3.6	66.1	4.6	26.6	550.3	531.2	532.4	530.1	527.2	522.7
Oman	287	268	73.0	22.1	1.5	3.5	3.4	2.6	433.9	420.5	503.0	462.2	416.1	442.7
Poland	267	261	49.1	29.2	4.4	17.3	2.0	0.7	547.1	553.0	554.3	548.3	567.8	572.0
Portugal	321	313	67.6	22.7	1.0	8.7	1.7	0.8	509.9	512.5	523.0	506.2	527.6	510.7
Qatar	283	278	70.3	21.6	1.4	6.7	0.5	2.3	469.7	461.6	454.1	503.9	565.0	543.2
Romania	188	118	78.2	0.6	0.0	21.2	3.9	34.2	534.0	479.6	.	530.5	522.6	514.4
Saudi Arabia	217	178	78.4	18.7	1.2	1.7	6.8	10.5	430.3	418.6	430.7	405.9	407.8	439.7
Serbia	213	211	65.8	32.7	0.0	1.5	1.1	0.0	509.5	510.9	.	514.2	493.9	.
Singapore	362	358	80.5	17.9	0.0	1.5	0.9	0.3	609.0	598.7	.	630.4	595.8	585.9
Slovak Republic	269	269	67.4	17.1	0.4	15.1	0.0	0.0	524.7	508.5	425.3	518.4	.	.
Slovenia	269	258	86.4	7.6	0.0	6.0	1.9	1.6	526.6	519.5	.	521.9	506.0	543.1
South Africa (5)	287	212	80.3	14.3	0.0	5.4	2.4	24.1	300.2	336.7	.	317.8	335.2	309.9
Spain	582	554	58.2	17.3	3.5	21.0	2.4	2.0	505.4	500.4	520.1	500.3	498.0	512.2
Sweden	250	196	39.7	11.1	0.6	48.5	5.3	14.5	536.0	536.8	545.9	532.0	515.3	529.4
Turkiye (5)	171	169	62.5	33.4	0.9	3.2	1.4	0.0	576.7	561.4	487.6	540.8	601.9	.
United Arab Emirates	1435	1195	63.6	22.6	1.7	12.1	2.5	11.2	501.1	483.9	501.2	505.1	461.2	481.2
United States	495	469	18.5	4.6	2.1	74.8	2.1	3.6	530.6	519.7	532.4	533.7	542.5	526.0
Uzbekistan	168	156	85.2	14.1	0.0	0.7	5.0	2.0	412.8	411.7	.	371.3	400.4	420.6
International Avg. (58)	17865	15358	56.0	17.2	1.3	25.4	3.9	9.3	497.5	491.0	489.1	498.5	494.5	492.9
Ontario, Canada	286	227	33.7	14.6	1.5	50.2	6.6	11.8	525.3	531.2	534.9	524.4	536.8	514.7
Quebec, Canada	215	184	9.7	3.9	0.1	86.3	3.6	8.0	514.5	518.9	549.0	505.4	512.1	512.1
Abu Dhabi, UAE	553	456	56.1	27.3	1.4	15.3	3.3	11.4	461.0	423.5	461.0	453.2	391.9	436.0
Dubai, UAE	359	307	54.2	26.2	2.6	17.0	1.9	9.4	564.0	568.5	533.4	570.9	551.6	534.8
Sharjah, UAE	284	223	79.9	11.7	2.1	6.3	1.9	14.9	509.4	499.8	486.5	474.5	510.0	486.6

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-10Bc (ATBS10BC)

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
Albania	123	92	98.1	1.9	0.0	0.0	5.4	17.7	486.3	517.7	.	.	489.5	507.0
Armenia	211	185	80.0	14.2	0.0	5.7	9.7	1.9	459.1	453.2	.	457.2	448.8	461.0
Australia	347	232	11.2	2.8	4.5	81.6	4.3	27.0	558.1	566.8	545.3	550.7	541.6	545.2
Azerbaijan	271	208	84.4	11.7	1.6	2.3	9.2	12.8	421.2	430.4	437.4	406.4	418.3	420.6
Bahrain	212	208	61.1	6.5	0.0	32.4	2.9	0.0	483.4	494.9	.	455.4	472.5	.
Belgium (Flemish)	278	210	51.7	2.2	2.3	43.8	2.0	19.7	494.5	495.6	500.7	486.2	499.7	477.0
Belgium (French)	344	283	27.7	2.4	2.0	67.9	2.2	14.9	485.1	477.7	478.5	481.9	503.7	466.6
Bosnia & Herzegovina	236	169	88.6	10.8	0.0	0.5	7.6	20.2	448.5	461.7	.	463.4	458.1	438.8
Brazil	1047	883	84.8	2.6	0.8	11.8	14.5	1.6	427.1	375.4	437.0	434.3	414.2	437.3
Bulgaria	208	199	92.9	4.9	0.0	2.2	3.1	1.0	531.1	562.1	.	537.8	436.2	515.0
Canada	917	790	23.0	7.5	1.2	68.4	4.6	9.4	527.9	524.2	529.6	518.8	528.0	515.2
Chile	178	158	40.2	6.9	0.0	52.8	3.2	7.1	471.5	481.5	.	485.2	493.3	471.0
Chinese Taipei	238	232	55.6	8.8	0.5	35.0	2.7	0.0	572.3	571.0	591.9	573.1	574.3	.
Cyprus	267	250	33.6	4.0	1.8	60.6	4.5	1.5	501.3	475.9	487.7	479.1	498.8	476.8
Czech Republic	344	330	72.7	6.2	2.2	19.0	2.5	1.1	528.6	510.0	531.4	523.4	498.9	525.8
Denmark	278	179	14.4	3.9	0.0	81.8	14.7	19.5	527.9	502.7	.	522.7	519.8	521.9
England	178	122	25.2	4.3	6.6	63.9	4.4	23.3	577.1	539.9	539.1	553.2	562.8	550.7
Finland	369	350	89.5	9.0	0.5	0.9	1.2	2.7	543.7	536.6	547.3	520.9	547.8	509.7
France	306	238	22.5	11.5	10.6	55.4	3.7	18.1	488.1	490.2	503.4	484.7	499.5	486.0
Georgia	218	208	91.4	6.9	1.7	0.0	3.5	0.0	464.2	476.3	460.7	.	465.1	.
Germany	243	195	56.6	11.0	0.8	31.5	5.3	13.5	517.7	525.0	504.9	506.4	519.2	517.8
Hong Kong SAR	182	120	79.4	16.0	1.3	3.2	0.9	31.3	544.1	533.8	524.8	520.9	584.3	552.3
Hungary	263	213	92.5	3.0	0.7	3.7	1.2	15.7	524.1	523.2	518.1	500.6	516.9	530.6
Iran, Islamic Rep. of	224	220	77.2	12.0	0.6	10.3	2.0	0.0	435.2	390.6	413.4	454.0	453.3	.
Ireland	239	235	20.5	4.0	1.7	73.8	1.1	0.4	536.5	542.2	527.1	529.9	545.0	537.9
Italy	266	261	91.3	6.6	0.9	1.3	1.1	0.7	511.7	507.7	490.6	452.0	516.1	504.4
Japan	142	136	30.6	2.0	3.7	63.6	3.4	1.6	550.6	571.0	546.7	556.6	552.6	568.6
Jordan	224	217	89.8	9.5	0.0	0.7	2.5	0.3	420.0	401.4	.	494.5	386.6	336.1
Kazakhstan	303	232	89.6	5.7	1.4	3.2	20.5	1.3	466.3	487.3	456.3	509.4	457.0	484.2
Korea, Rep. of	199	172	17.0	5.4	0.0	77.6	5.3	7.9	577.4	581.1	.	586.3	574.3	575.3
Kosovo	231	195	92.4	7.6	0.0	0.0	7.2	9.5	404.5	409.8	.	.	404.1	386.5
Kuwait	164	159	88.1	6.8	0.0	5.1	2.4	0.7	367.8	385.5	.	449.8	345.6	495.2
Latvia	213	198	72.7	15.8	3.8	7.7	2.6	3.8	524.7	527.4	524.5	540.7	522.1	508.2
Lithuania	250	246	79.0	16.5	0.7	3.8	0.6	0.5	535.5	534.8	608.1	554.2	561.5	572.4
Macao SAR	275	274	80.1	9.8	0.5	9.6	0.0	0.0	536.7	524.8	528.9	540.0	589.8	.
Montenegro	338	313	91.1	7.6	1.3	0.0	3.3	4.0	458.7	472.0	486.5	.	465.3	469.7
Morocco	303	264	69.1	17.5	0.6	12.8	4.4	5.9	397.3	369.4	353.3	374.8	441.6	366.6
Netherlands	188	111	15.4	4.6	7.4	72.6	5.7	32.9	519.8	521.0	513.6	517.5	506.2	517.3
New Zealand	396	189	6.1	1.5	0.2	92.2	4.4	46.0	543.3	541.5	494.5	522.6	518.6	509.1
North Macedonia	274	194	95.5	2.4	0.2	1.9	4.3	25.2	442.4	464.9	338.2	403.2	413.7	433.4
Norway (5)	314	208	20.7	8.6	4.7	66.1	4.6	26.6	538.3	545.9	540.7	530.1	527.2	522.7
Oman	287	267	83.1	13.4	0.0	3.5	3.9	2.6	434.8	413.7	.	462.2	420.3	442.7
Poland	267	261	73.7	8.9	0.0	17.3	2.1	0.7	548.0	561.5	.	548.3	570.4	572.0
Portugal	321	313	84.5	5.5	1.3	8.7	1.5	0.8	510.9	503.8	526.7	506.2	534.6	510.7
Qatar	283	276	85.0	7.5	0.8	6.7	0.9	2.3	468.6	453.4	478.8	503.9	528.4	543.2
Romania	188	118	69.5	8.4	0.7	21.3	4.3	34.2	530.5	549.9	564.7	530.5	531.7	514.4
Saudi Arabia	217	178	87.2	10.5	0.6	1.7	6.8	10.5	428.3	427.3	396.4	405.9	407.8	439.7
Serbia	213	210	87.2	11.3	0.0	1.5	1.5	0.0	510.3	507.7	.	514.2	498.5	.
Singapore	362	357	88.8	9.7	0.0	1.5	1.2	0.3	607.4	604.7	.	630.4	599.2	585.9
Slovak Republic	269	269	72.8	10.7	1.4	15.1	0.0	0.0	523.2	507.0	509.6	518.4	.	543.1
Slovenia	269	258	88.7	4.6	0.6	6.0	1.9	1.6	526.2	520.7	540.2	521.9	506.0	543.1
South Africa (5)	287	213	85.5	7.7	1.4	5.4	2.3	24.1	305.1	331.6	201.6	317.8	338.0	309.9
Spain	582	553	71.5	6.0	1.5	21.0	2.4	2.0	505.7	496.5	506.9	500.3	498.0	512.2
Sweden	250	196	41.4	8.2	1.9	48.5	5.3	14.5	536.5	530.5	556.2	532.0	515.3	529.4
Turkiye (5)	171	169	89.1	7.3	0.4	3.2	1.4	0.0	570.6	577.3	442.6	540.8	601.9	.
United Arab Emirates	1435	1194	75.4	11.5	1.0	12.1	2.5	11.2	496.0	498.0	531.7	505.1	461.9	481.2
United States	495	468	22.9	1.5	0.5	75.1	2.6	3.6	530.5	515.7	576.6	533.7	523.0	526.0
Uzbekistan	168	156	96.2	2.3	0.8	0.7	5.5	2.0	413.9	385.7	367.3	371.3	396.2	420.6
International Avg. (58)	17865	15334	65.6	7.6	1.4	25.5	4.0	9.3	496.5	494.6	492.1	498.5	494.8	492.9
Ontario, Canada	286	227	34.5	13.6	1.8	50.2	6.6	11.8	527.5	526.5	530.5	524.4	536.8	514.7
Quebec, Canada	215	185	11.9	2.0	0.0	86.1	3.5	8.0	513.6	527.1	.	505.4	513.8	512.1
Abu Dhabi, UAE	553	455	72.5	11.4	0.9	15.3	3.4	11.4	450.7	434.1	496.0	453.2	393.4	436.0
Dubai, UAE	359	306	64.9	16.4	1.6	17.1	2.2	9.4	563.2	568.8	578.7	570.9	547.1	534.8
Sharjah, UAE	284	223	88.0	4.5	1.2	6.3	1.9	14.9	508.7	493.6	482.3	474.5	510.0	486.6

Question: How much importance do you place on these strategies to assess students' learning in science? Observing students as they work
 Location: TQS-11a (ATBS11A)

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
Albania	123	91	94.8	5.2	0.0	6.3	17.7	487.2	478.3	.	491.5	507.0
Armenia	211	179	93.5	6.2	0.4	14.0	1.9	458.0	469.5	449.7	448.6	461.0
Australia	347	230	83.1	16.8	0.1	5.6	27.0	552.4	552.7	553.6	534.5	545.2
Azerbaijan	271	211	85.0	15.0	0.0	8.9	12.8	424.1	413.8	.	414.6	420.6
Bahrain	212	212	97.2	2.8	0.0	0.0	0.0	475.3	463.8	.	.	.
Belgium (Flemish)	278	211	82.6	16.5	0.8	1.7	19.7	492.9	489.7	343.2	499.9	477.0
Belgium (French)	344	282	84.6	14.6	0.9	2.6	14.9	482.6	482.7	464.7	504.7	466.6
Bosnia & Herzegovina	236	169	98.0	2.0	0.0	7.7	20.2	450.1	453.4	.	456.8	438.8
Brazil	1047	890	94.1	5.7	0.2	12.8	1.6	427.9	418.9	397.7	408.5	437.3
Bulgaria	208	197	83.3	16.7	0.0	3.8	1.0	525.8	551.4	.	521.4	515.0
Canada	917	789	84.6	15.0	0.4	4.7	9.4	521.2	521.9	550.9	527.4	515.2
Chile	178	159	94.8	3.6	1.6	2.6	7.1	480.0	455.6	483.6	503.5	471.0
Chinese Taipei	238	230	92.3	7.7	0.0	3.0	0.0	573.1	569.5	.	567.0	.
Cyprus	267	259	95.9	4.1	0.0	1.8	1.5	487.1	480.4	.	505.7	476.8
Czech Republic	344	336	72.2	27.1	0.7	1.1	1.1	526.9	525.2	506.5	486.2	525.8
Denmark	278	179	82.6	17.4	0.0	14.7	19.5	522.8	522.3	.	519.8	521.9
England	178	123	89.8	10.2	0.0	3.4	23.3	558.2	557.7	.	554.7	550.7
Finland	369	349	83.6	16.4	0.0	1.3	2.7	542.0	547.4	.	547.0	509.7
France	306	239	74.8	23.2	2.0	3.4	18.1	486.7	490.5	510.2	500.7	486.0
Georgia	218	216	91.0	9.0	0.0	1.0	0.0	464.2	471.7	.	476.8	.
Germany	243	195	71.3	27.6	1.1	5.1	13.5	514.0	516.1	534.9	520.7	517.8
Hong Kong SAR	182	121	73.0	25.9	1.1	0.8	31.3	544.7	533.5	511.3	594.6	552.3
Hungary	263	215	89.8	10.2	0.0	0.5	15.7	522.6	531.2	.	452.9	530.6
Iran, Islamic Rep. of	224	224	89.4	10.6	0.0	0.0	0.0	432.0	432.7	.	.	.
Ireland	239	236	91.1	7.9	0.9	0.8	0.4	531.1	540.0	533.6	534.6	537.9
Italy	266	260	89.1	10.9	0.0	1.6	0.7	510.4	511.6	.	513.5	504.4
Japan	142	136	81.1	18.9	0.0	3.4	1.6	555.7	550.1	.	552.6	568.6
Jordan	224	218	93.2	6.8	0.0	2.3	0.3	416.3	451.8	.	384.0	336.1
Kazakhstan	303	237	90.6	9.4	0.0	18.8	1.3	467.3	479.4	.	457.2	484.2
Korea, Rep. of	199	171	71.7	27.2	1.0	5.7	7.9	583.5	587.4	596.9	572.5	575.3
Kosovo	231	193	95.6	4.4	0.0	7.7	9.5	405.6	392.0	.	403.6	386.5
Kuwait	164	144	96.7	3.3	0.0	12.1	0.7	375.7	387.4	.	346.4	495.2
Latvia	213	203	89.8	10.0	0.2	0.8	3.8	527.1	519.9	530.4	509.0	508.2
Lithuania	250	246	85.4	14.1	0.4	0.6	0.5	535.1	546.1	521.5	561.5	572.4
Macao SAR	275	274	80.9	17.5	1.6	0.0	0.0	536.6	536.4	486.3	589.8	.
Montenegro	338	319	98.9	1.1	0.0	2.5	4.0	460.4	447.8	.	461.7	469.7
Morocco	303	270	92.8	6.2	0.9	1.5	5.9	395.0	364.0	345.7	336.6	366.6
Netherlands	188	109	72.0	27.0	1.1	6.6	32.9	517.7	517.8	506.5	508.6	517.3
New Zealand	396	191	82.6	16.8	0.6	4.9	45.2	525.9	517.7	417.0	523.6	508.5
North Macedonia	274	197	98.4	1.6	0.0	3.1	25.2	441.3	420.5	.	428.0	433.4
Norway (5)	314	208	84.7	15.0	0.3	4.6	26.6	533.5	534.5	527.6	527.2	522.7
Oman	287	268	97.7	2.3	0.0	3.5	2.6	433.9	407.0	.	408.6	442.7
Poland	267	260	87.5	12.5	0.0	2.4	0.7	549.2	550.4	.	561.4	572.0
Portugal	321	313	95.4	3.7	1.0	1.8	0.8	509.7	528.5	482.7	537.9	510.7
Qatar	283	277	97.2	2.5	0.3	1.0	2.3	469.9	505.0	409.1	453.8	543.2
Romania	188	118	93.6	6.4	0.0	3.9	34.2	535.5	501.5	.	516.4	514.4
Saudi Arabia	217	183	77.4	21.3	1.4	4.3	10.5	429.6	417.5	422.7	410.9	439.7
Serbia	213	211	93.3	6.7	0.0	0.7	0.0	510.2	503.3	.	523.2	.
Singapore	362	358	70.7	28.7	0.6	0.9	0.3	606.8	609.5	597.2	595.8	585.9
Slovak Republic	269	269	79.5	19.9	0.7	0.0	0.0	521.5	518.3	484.3	.	.
Slovenia	269	260	63.5	34.1	2.4	1.2	1.6	524.5	528.3	517.6	505.4	543.1
South Africa (5)	287	192	84.1	15.6	0.3	10.7	24.1	298.3	335.8	496.5	324.9	308.8
Spain	582	553	91.2	8.8	0.0	2.4	2.0	502.9	515.4	.	499.7	512.2
Sweden	250	196	74.0	22.9	3.1	5.3	14.5	535.9	538.8	459.6	515.3	529.4
Turkiye (5)	171	168	92.2	7.8	0.0	1.9	0.0	569.1	573.8	.	602.1	.
United Arab Emirates	1435	1196	98.2	1.8	0.0	2.3	11.2	497.3	521.3	.	456.7	481.2
United States	495	468	86.1	12.4	1.6	2.2	3.6	534.6	525.4	466.9	542.8	526.0
Uzbekistan	168	158	98.4	1.6	0.0	4.3	2.0	412.8	381.3	.	398.8	420.6
International Avg. (58)	17865	15366	87.2	12.4	0.5	4.0	9.3	495.0	494.7	486.5	492.8	492.9
Ontario, Canada	286	227	85.9	13.5	0.5	6.8	11.8	525.8	525.7	548.3	535.5	514.7
Quebec, Canada	215	185	82.0	17.5	0.5	3.5	8.0	505.9	510.2	554.8	513.8	512.1
Abu Dhabi, UAE	553	456	98.0	2.0	0.0	3.2	11.4	448.9	492.6	.	384.6	436.0
Dubai, UAE	359	307	98.1	1.9	0.0	1.9	9.4	565.4	574.8	.	551.6	534.8
Sharjah, UAE	284	223	98.7	1.3	0.0	1.9	14.9	504.9	550.3	.	510.0	486.6

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-11b (ATBS11B)

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
Albania	123	91	96.3	3.7	0.0	6.3	17.7	485.9	508.2	.	491.5	507.0
Armenia	211	178	83.6	16.0	0.4	14.3	1.9	458.7	459.8	449.7	447.7	461.0
Australia	347	230	75.9	24.0	0.1	5.6	27.0	555.0	544.6	553.6	534.5	545.2
Azerbaijan	271	210	81.9	18.1	0.0	8.9	12.8	424.4	416.7	.	410.3	420.6
Bahrain	212	211	96.9	3.1	0.0	0.1	0.0	474.9	477.4	.	519.0	.
Belgium (Flemish)	278	209	91.8	8.2	0.0	2.2	19.7	490.7	495.9	.	497.5	477.0
Belgium (French)	344	282	90.3	9.1	0.6	2.6	14.9	483.8	469.3	481.9	504.7	466.6
Bosnia & Herzegovina	236	169	98.6	1.4	0.0	7.7	20.2	449.9	468.0	.	456.8	438.8
Brazil	1047	891	95.1	4.8	0.0	12.6	1.6	427.8	414.6	302.6	409.4	437.3
Bulgaria	208	198	96.3	3.7	0.0	3.1	1.0	530.0	560.8	.	485.2	515.0
Canada	917	789	76.6	22.5	0.9	4.7	9.4	520.2	524.7	544.7	527.4	515.2
Chile	178	159	97.3	1.9	0.8	2.6	7.1	478.9	505.1	450.2	503.5	471.0
Chinese Taipei	238	230	90.2	9.8	0.0	3.0	0.0	573.4	567.1	.	567.0	.
Cyprus	267	259	99.5	0.5	0.0	1.8	1.5	487.0	456.9	.	505.7	476.8
Czech Republic	344	336	71.4	28.6	0.0	1.1	1.1	526.3	526.2	.	486.2	525.8
Denmark	278	179	54.8	44.5	0.7	14.7	19.5	525.5	519.4	511.6	519.8	521.9
England	178	123	95.3	4.7	0.0	3.4	23.3	558.7	547.0	.	554.7	550.7
Finland	369	349	85.0	14.6	0.4	1.3	2.7	543.0	541.6	562.2	547.0	509.7
France	306	237	84.1	13.9	2.0	4.1	18.1	487.6	489.0	507.2	496.9	486.0
Georgia	218	216	89.9	10.1	0.0	1.0	0.0	464.4	468.5	.	476.8	.
Germany	243	195	68.6	30.5	0.9	5.1	13.5	513.8	516.3	535.7	520.7	517.8
Hong Kong SAR	182	121	85.5	14.5	0.0	0.8	31.3	544.9	520.7	.	594.6	552.3
Hungary	263	215	94.2	5.8	0.0	0.5	15.7	523.7	520.2	.	452.9	530.6
Iran, Islamic Rep. of	224	223	91.5	8.2	0.4	0.6	0.0	431.4	434.7	400.5	521.0	.
Ireland	239	236	88.1	11.9	0.0	0.8	0.4	532.0	531.1	.	534.6	537.9
Italy	266	260	93.0	6.2	0.7	1.6	0.7	511.1	498.9	540.2	513.5	504.4
Japan	142	136	57.9	41.3	0.8	3.4	1.6	556.1	552.6	561.7	552.6	568.6
Jordan	224	218	89.0	11.0	0.0	2.3	0.3	418.3	422.5	.	384.0	336.1
Kazakhstan	303	238	88.2	11.5	0.3	18.1	1.3	470.5	452.0	576.7	455.6	484.2
Korea, Rep. of	199	171	65.2	31.9	3.0	5.7	7.9	586.5	580.4	591.1	572.5	575.3
Kosovo	231	192	90.4	9.2	0.3	8.5	9.5	406.4	390.1	402.9	404.5	386.5
Kuwait	164	143	92.1	7.9	0.0	12.5	0.7	377.8	353.4	.	349.2	495.2
Latvia	213	203	92.9	7.1	0.0	0.8	3.8	526.2	528.8	.	509.0	508.2
Lithuania	250	245	87.6	12.4	0.0	1.0	0.5	537.1	533.4	.	549.6	572.4
Macao SAR	275	274	89.2	10.8	0.0	0.0	0.0	536.2	532.3	523.3	589.8	.
Montenegro	338	319	99.3	0.7	0.0	1.8	4.0	460.8	441.7	.	441.0	469.7
Morocco	303	266	86.9	13.1	0.0	2.3	5.9	389.6	407.5	.	380.9	366.6
Netherlands	188	109	77.3	18.8	3.9	6.6	32.9	516.5	521.3	521.7	508.6	517.3
New Zealand	396	191	70.0	27.5	2.5	4.9	45.2	525.3	524.2	481.6	523.6	508.5
North Macedonia	274	197	98.3	1.7	0.0	3.1	25.2	441.1	440.2	.	424.5	433.4
Norway (5)	314	208	58.1	41.7	0.2	4.6	26.6	533.3	534.0	549.4	527.2	522.7
Oman	287	268	95.8	4.2	0.0	3.5	2.6	433.7	424.0	.	408.6	442.7
Poland	267	261	82.7	17.3	0.0	2.0	0.7	549.3	549.7	.	565.7	572.0
Portugal	321	313	95.0	4.1	1.0	1.8	0.8	510.4	510.2	482.7	537.9	510.7
Qatar	283	275	98.0	1.8	0.3	1.1	2.3	470.3	503.6	409.1	449.7	543.2
Romania	188	118	92.6	7.4	0.0	3.9	34.2	531.4	557.0	.	516.4	514.4
Saudi Arabia	217	183	84.2	14.7	1.2	4.3	10.5	429.8	408.7	445.0	410.9	439.7
Serbia	213	211	97.0	3.0	0.0	1.3	0.0	510.3	496.7	.	510.6	.
Singapore	362	358	89.1	10.6	0.3	0.9	0.3	608.2	600.5	659.9	595.8	585.9
Slovak Republic	269	269	78.3	21.1	0.7	0.0	0.0	519.4	524.8	530.1	.	.
Slovenia	269	258	67.0	28.4	4.6	2.0	1.6	524.0	531.1	521.7	500.3	543.1
South Africa (5)	287	191	90.7	9.3	0.0	10.8	24.1	304.6	306.7	.	324.4	308.8
Spain	582	552	90.6	8.9	0.5	2.5	2.0	504.3	499.7	512.3	499.8	512.2
Sweden	250	196	62.1	37.1	0.9	5.3	14.5	535.4	532.5	526.6	515.3	529.4
Turkiye (5)	171	168	97.7	2.3	0.0	1.9	0.0	569.8	555.3	.	602.1	.
United Arab Emirates	1435	1195	97.3	2.6	0.1	2.4	11.2	498.4	472.1	603.4	455.7	481.2
United States	495	468	84.2	14.1	1.7	2.2	3.6	532.9	535.5	483.9	542.8	526.0
Uzbekistan	168	158	97.1	2.9	0.0	4.2	2.0	412.1	422.2	.	395.4	420.6
International Avg. (58)	17865	15348	86.4	13.0	0.5	4.1	9.3	495.3	493.6	507.4	492.7	492.9
Ontario, Canada	286	227	81.7	17.7	0.6	6.8	11.8	523.1	538.8	532.9	535.5	514.7
Quebec, Canada	215	185	69.0	29.7	1.2	3.5	8.0	508.4	502.4	527.6	513.8	512.1
Abu Dhabi, UAE	553	455	96.0	3.6	0.4	3.3	11.4	449.9	434.5	603.4	383.5	436.0
Dubai, UAE	359	307	97.3	2.7	0.0	1.9	9.4	566.1	545.3	.	551.6	534.8
Sharjah, UAE	284	223	98.9	1.1	0.0	1.9	14.9	506.4	431.9	.	510.0	486.6

Question: How much importance do you place on these strategies to assess students' learning in science? Short, regular written assessments
Location: TQS-11c (ATBS11C)

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
Albania	123	91	80.4	19.6	0.0	6.3	17.7	487.2	484.5	.	491.5	507.0
Armenia	211	176	34.2	62.8	3.0	14.7	1.9	456.2	460.2	459.0	448.5	461.0
Australia	347	229	42.3	50.1	7.6	5.8	27.0	558.4	547.6	553.8	533.5	545.2
Azerbaijan	271	210	40.0	58.3	1.8	9.0	12.8	416.7	426.5	424.7	414.5	420.6
Bahrain	212	212	79.1	20.9	0.0	0.0	0.0	471.9	486.5	.	.	.
Belgium (Flemish)	278	210	32.7	50.7	16.6	1.9	19.7	481.2	496.5	494.1	497.3	477.0
Belgium (French)	344	280	40.5	49.4	10.1	3.1	14.9	481.1	483.2	485.4	498.4	466.6
Bosnia & Herzegovina	236	168	54.2	44.1	1.7	7.9	20.2	445.2	455.2	478.4	455.8	438.8
Brazil	1047	888	75.6	24.2	0.1	13.4	1.6	425.7	434.7	356.2	406.1	437.3
Bulgaria	208	197	64.2	35.8	0.0	3.5	1.0	533.6	526.9	.	489.7	515.0
Canada	917	787	47.9	47.4	4.7	5.3	9.4	517.8	523.2	537.2	529.4	515.2
Chile	178	159	47.1	46.2	6.7	2.6	7.1	481.2	475.8	488.4	503.5	471.0
Chinese Taipei	238	230	56.6	41.7	1.7	3.0	0.0	578.8	564.7	570.5	567.0	.
Cyprus	267	259	26.3	52.5	21.2	1.8	1.5	493.9	485.7	480.8	505.7	476.8
Czech Republic	344	337	45.3	52.5	2.2	0.6	1.1	526.7	526.6	511.2	453.6	525.8
Denmark	278	179	7.6	55.0	37.4	14.7	19.5	513.1	526.1	519.7	519.8	521.9
England	178	123	34.7	52.4	12.9	3.4	23.3	557.2	559.0	557.4	554.7	550.7
Finland	369	349	12.7	61.0	26.2	1.3	2.7	531.3	546.5	540.2	547.0	509.7
France	306	238	33.2	49.7	17.1	3.8	18.1	491.9	484.7	492.2	493.6	486.0
Georgia	218	215	42.3	53.3	4.4	1.3	0.0	466.3	463.8	459.7	484.2	.
Germany	243	195	21.0	62.9	16.1	5.1	13.5	510.8	516.2	514.6	520.7	517.8
Hong Kong SAR	182	120	32.6	57.4	10.0	1.1	31.3	551.2	533.3	557.4	573.7	552.3
Hungary	263	215	58.8	36.8	4.5	0.5	15.7	528.6	516.1	517.0	452.9	530.6
Iran, Islamic Rep. of	224	223	63.4	35.9	0.7	0.5	0.0	438.3	422.7	412.3	344.0	.
Ireland	239	235	23.1	57.4	19.5	0.9	0.4	538.4	533.1	520.1	544.2	537.9
Italy	266	260	50.2	45.6	4.3	1.6	0.7	507.5	512.5	526.2	513.5	504.4
Japan	142	136	37.7	57.9	4.4	3.4	1.6	557.0	554.2	541.7	552.6	568.6
Jordan	224	215	69.5	29.1	1.4	4.2	0.3	417.6	420.6	452.8	394.5	336.1
Kazakhstan	303	236	67.2	32.0	0.8	18.7	1.3	468.3	466.8	509.2	458.4	484.2
Korea, Rep. of	199	171	34.2	51.9	13.9	5.7	7.9	587.9	582.2	586.1	572.5	575.3
Kosovo	231	192	63.6	36.0	0.4	8.2	9.5	405.6	404.4	444.3	400.0	386.5
Kuwait	164	144	62.4	35.1	2.5	12.1	0.7	373.1	380.3	392.3	346.4	495.2
Latvia	213	203	53.3	44.0	2.7	0.8	3.8	525.4	529.8	491.2	509.0	508.2
Lithuania	250	245	59.5	39.0	1.5	0.7	0.5	535.3	537.0	580.9	551.9	572.4
Macao SAR	275	273	53.5	41.5	5.0	0.1	0.0	536.8	534.6	536.3	505.4	.
Montenegro	338	317	66.1	33.2	0.7	3.0	4.0	455.0	471.2	436.3	461.5	469.7
Morocco	303	269	44.9	49.2	5.9	1.7	5.9	390.3	394.2	399.1	336.7	366.6
Netherlands	188	109	22.1	49.6	28.3	6.6	32.9	512.6	519.7	517.9	508.6	517.3
New Zealand	396	191	17.7	50.9	31.4	4.9	45.2	519.9	526.8	521.4	523.6	508.5
North Macedonia	274	196	75.4	24.6	0.0	3.4	25.2	438.6	449.3	.	422.5	433.4
Norway (5)	314	206	11.8	55.3	33.0	4.8	26.6	537.0	529.5	539.4	527.3	522.7
Oman	287	267	90.4	9.6	0.0	4.0	2.6	434.0	427.1	.	410.2	442.7
Poland	267	261	53.5	42.0	4.5	2.0	0.7	545.2	551.8	576.4	565.7	572.0
Portugal	321	312	52.0	45.1	2.9	2.2	0.8	510.4	510.2	504.4	532.5	510.7
Qatar	283	276	77.5	20.5	2.0	1.5	2.3	463.8	495.7	505.4	427.6	543.2
Romania	188	118	43.9	53.6	2.5	3.9	34.2	528.3	536.8	546.7	516.4	514.4
Saudi Arabia	217	181	55.4	40.6	4.0	5.2	10.5	429.3	426.2	404.0	411.2	439.7
Serbia	213	210	64.2	34.7	1.1	1.1	0.0	507.1	515.0	525.6	490.3	.
Singapore	362	358	51.9	46.2	1.9	0.9	0.3	609.2	605.4	613.8	595.8	585.9
Slovak Republic	269	269	35.3	61.8	2.8	0.0	0.0	520.1	520.6	526.4	.	.
Slovenia	269	258	18.4	48.5	33.0	1.6	1.6	524.1	523.0	530.6	503.6	543.1
South Africa (5)	287	191	67.3	30.7	2.0	10.8	24.1	303.4	308.8	290.2	324.4	308.8
Spain	582	550	83.7	15.2	1.0	2.5	2.0	502.5	511.3	517.0	499.6	512.2
Sweden	250	196	26.9	60.6	12.5	5.3	14.5	535.8	532.2	540.7	515.3	529.4
Turkiye (5)	171	168	49.4	47.8	2.8	1.9	0.0	573.8	567.1	534.2	602.1	.
United Arab Emirates	1435	1193	68.5	29.7	1.8	2.7	11.2	498.7	495.0	527.4	450.5	481.2
United States	495	466	46.7	47.4	5.9	2.7	3.6	534.9	532.8	511.9	536.3	526.0
Uzbekistan	168	157	77.3	21.9	0.8	4.8	2.0	411.5	416.2	367.3	401.5	420.6
International Avg. (58)	17865	15319	49.1	43.3	7.7	4.2	9.3	494.5	496.0	498.6	485.7	492.9
Ontario, Canada	286	226	54.4	43.5	2.1	7.8	11.8	520.8	531.2	536.7	537.6	514.7
Quebec, Canada	215	184	44.8	49.1	6.1	3.9	8.0	505.7	506.8	514.1	515.0	512.1
Abu Dhabi, UAE	553	454	62.5	35.3	2.2	4.0	11.4	458.4	432.6	503.0	387.2	436.0
Dubai, UAE	359	307	60.6	36.8	2.7	1.9	9.4	561.3	572.6	565.4	551.6	534.8
Sharjah, UAE	284	223	84.4	15.1	0.4	1.9	14.9	507.0	498.9	446.3	510.0	486.6

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-11d (ATBS11D)

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
Albania	123	91	46.5	53.5	0.0	6.3	17.7	492.4	481.8	.	491.5	507.0
Armenia	211	177	22.8	72.5	4.7	14.3	1.9	461.0	459.6	436.7	447.9	461.0
Australia	347	229	24.8	39.5	35.7	5.8	27.0	555.2	550.4	553.3	533.5	545.2
Azerbaijan	271	208	20.7	65.8	13.5	9.2	12.8	412.5	420.5	446.6	416.3	420.6
Bahrain	212	210	70.9	27.0	2.1	0.7	0.0	473.6	477.6	497.5	446.6	.
Belgium (Flemish)	278	211	53.9	37.0	9.1	1.7	19.7	492.3	493.2	475.3	499.9	477.0
Belgium (French)	344	281	23.4	41.2	35.3	2.8	14.9	485.1	479.6	484.3	500.9	466.6
Bosnia & Herzegovina	236	169	47.1	51.6	1.2	7.7	20.2	450.3	450.4	431.6	456.8	438.8
Brazil	1047	886	44.1	45.4	10.5	13.1	1.6	436.2	419.8	422.5	408.5	437.3
Bulgaria	208	197	41.1	53.7	5.2	3.6	1.0	535.1	530.8	520.3	468.4	515.0
Canada	917	789	21.0	51.7	27.3	4.7	9.4	517.2	522.2	523.3	527.4	515.2
Chile	178	159	39.5	53.9	6.6	2.6	7.1	484.5	476.4	470.9	503.5	471.0
Chinese Taipei	238	229	62.9	33.2	3.9	3.5	0.0	575.1	569.4	564.6	566.7	.
Cyprus	267	259	26.4	42.1	31.5	1.8	1.5	491.2	488.4	480.9	505.7	476.8
Czech Republic	344	334	16.0	53.4	30.6	1.4	1.1	530.7	529.4	518.7	488.9	525.8
Denmark	278	177	1.3	15.8	82.9	15.5	19.5	536.2	516.5	523.6	519.9	521.9
England	178	122	10.2	40.9	48.9	4.2	23.3	570.8	554.3	558.3	559.6	550.7
Finland	369	348	52.7	46.5	0.8	1.4	2.7	543.7	542.6	520.6	542.4	509.7
France	306	237	32.2	45.4	22.4	4.0	18.1	489.0	488.0	486.3	501.5	486.0
Georgia	218	215	24.7	62.4	12.9	1.0	0.0	464.8	468.0	449.6	477.1	.
Germany	243	194	46.1	47.5	6.4	5.6	13.5	520.1	512.0	500.6	516.9	517.8
Hong Kong SAR	182	121	37.0	58.1	4.9	0.8	31.3	541.3	539.6	564.0	594.6	552.3
Hungary	263	215	42.8	51.0	6.2	0.5	15.7	521.6	525.2	522.8	452.9	530.6
Iran, Islamic Rep. of	224	224	47.3	50.3	2.5	0.0	0.0	444.7	421.8	400.0	.	.
Ireland	239	234	5.6	36.5	57.9	1.4	0.4	531.0	536.0	529.3	534.4	537.9
Italy	266	259	43.7	47.1	9.1	1.9	0.7	510.6	512.3	503.1	505.8	504.4
Japan	142	136	57.2	42.0	0.8	3.4	1.6	553.6	556.0	561.3	552.6	568.6
Jordan	224	216	82.9	17.1	0.0	3.6	0.3	417.9	423.3	.	393.4	336.1
Kazakhstan	303	239	62.9	37.1	0.0	18.0	1.3	470.6	465.8	.	454.9	484.2
Korea, Rep. of	199	171	28.3	40.4	31.3	5.7	7.9	581.2	587.5	584.2	572.5	575.3
Kosovo	231	192	79.6	18.9	1.6	8.2	9.5	404.8	404.1	447.3	400.0	386.5
Kuwait	164	143	69.4	29.1	1.5	12.5	0.7	376.1	371.1	457.6	349.2	495.2
Latvia	213	203	55.2	41.6	3.2	0.8	3.8	526.5	527.7	507.1	509.0	508.2
Lithuania	250	246	73.6	24.8	1.6	0.6	0.5	536.4	537.0	542.2	561.5	572.4
Macao SAR	275	274	60.5	33.9	5.6	0.0	0.0	539.7	526.6	549.0	589.8	.
Montenegro	338	316	56.6	39.0	4.4	2.7	4.0	462.5	456.1	469.5	459.8	469.7
Morocco	303	270	68.8	22.5	8.7	1.5	5.9	398.3	382.0	374.7	336.6	366.6
Netherlands	188	109	13.8	29.0	57.2	6.6	32.9	517.0	523.1	515.0	508.6	517.3
New Zealand	396	190	5.0	21.8	73.2	5.3	45.2	542.2	515.4	524.8	526.0	508.5
North Macedonia	274	195	68.8	29.8	1.4	3.4	25.2	444.1	434.5	447.9	422.0	433.4
Norway (5)	314	207	4.4	35.2	60.4	4.7	26.6	546.8	533.9	532.6	527.3	522.7
Oman	287	267	69.5	24.8	5.7	3.7	2.6	433.6	432.5	435.7	406.3	442.7
Poland	267	260	69.7	28.8	1.4	2.4	0.7	546.4	556.3	572.8	553.3	572.0
Portugal	321	312	21.0	69.6	9.3	1.9	0.8	511.8	511.3	497.6	537.7	510.7
Qatar	283	275	69.4	26.1	4.5	2.1	2.3	458.4	500.2	492.1	455.7	543.2
Romania	188	118	31.5	58.9	9.6	3.9	34.2	537.3	526.2	564.2	516.4	514.4
Saudi Arabia	217	182	69.8	28.9	1.3	4.4	10.5	427.9	425.4	408.3	411.6	439.7
Serbia	213	211	48.2	49.8	2.0	0.8	0.0	512.3	507.4	517.6	495.1	.
Singapore	362	358	22.2	73.8	4.0	0.9	0.3	616.1	605.0	606.5	595.8	585.9
Slovak Republic	269	269	38.3	54.4	7.2	0.0	0.0	524.7	517.2	524.7	.	.
Slovenia	269	260	71.5	27.4	1.1	1.2	1.6	525.7	525.0	532.2	505.4	543.1
South Africa (5)	287	191	63.3	36.5	0.3	10.8	24.1	293.8	324.7	200.5	324.4	308.8
Spain	582	553	47.6	42.3	10.1	2.4	2.0	510.6	497.8	498.8	499.7	512.2
Sweden	250	196	52.3	35.7	12.0	5.3	14.5	530.5	537.1	542.0	515.3	529.4
Turkiye (5)	171	168	55.1	39.3	5.5	1.9	0.0	572.9	565.2	565.6	602.1	.
United Arab Emirates	1435	1195	50.8	45.4	3.8	2.4	11.2	494.7	502.6	481.7	456.3	481.2
United States	495	466	21.9	51.4	26.7	2.6	3.6	529.0	538.9	522.5	544.3	526.0
Uzbekistan	168	156	69.4	29.2	1.4	5.3	2.0	413.3	406.8	454.5	406.9	420.6
International Avg. (58)	17865	15319	44.2	41.5	14.3	4.2	9.3	496.9	494.6	496.6	490.3	492.9
Ontario, Canada	286	227	14.7	58.5	26.8	6.8	11.8	532.7	524.2	526.0	535.5	514.7
Quebec, Canada	215	185	34.8	41.0	24.2	3.5	8.0	508.4	507.8	502.9	513.8	512.1
Abu Dhabi, UAE	553	455	42.1	52.4	5.4	3.4	11.4	452.4	449.2	436.8	386.4	436.0
Dubai, UAE	359	307	44.9	50.8	4.4	1.9	9.4	559.5	570.1	575.0	551.6	534.8
Sharjah, UAE	284	223	59.9	38.7	1.4	1.9	14.9	496.5	522.8	415.0	510.0	486.6

Question: How much importance do you place on these strategies to assess students' learning in science? Long-term projects
Location: TQS-11e (ATBS11E)

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
Albania	123	91	45.8	50.6	3.6	6.3	17.7	492.1	481.6	490.6	491.5	507.0
Armenia	211	174	11.9	34.9	53.1	16.3	1.9	466.3	460.0	455.8	450.6	461.0
Australia	347	230	25.6	50.7	23.8	5.6	27.0	558.9	553.1	544.2	534.5	545.2
Azerbaijan	271	209	20.3	56.5	23.3	9.1	12.8	416.9	420.8	431.6	415.0	420.6
Bahrain	212	211	40.3	51.7	8.0	0.5	0.0	477.8	475.8	452.5	524.8	.
Belgium (Flemish)	278	208	28.5	50.7	20.8	2.4	19.7	496.7	487.1	494.1	491.0	477.0
Belgium (French)	344	279	31.3	42.5	26.2	3.3	14.9	478.1	480.3	490.3	506.8	466.6
Bosnia & Herzegovina	236	169	16.5	56.4	27.1	7.7	20.2	463.3	447.2	448.3	456.8	438.8
Brazil	1047	892	33.4	47.2	19.4	12.6	1.6	435.3	428.1	410.8	409.2	437.3
Bulgaria	208	198	44.8	51.4	3.8	3.1	1.0	529.4	537.9	459.3	485.2	515.0
Canada	917	789	41.7	49.6	8.6	4.7	9.4	519.7	524.0	515.2	527.4	515.2
Chile	178	159	35.8	42.8	21.4	2.6	7.1	480.9	485.4	463.8	503.5	471.0
Chinese Taipei	238	229	25.1	65.0	9.9	3.6	0.0	580.2	571.8	559.1	571.0	.
Cyprus	267	259	5.6	41.9	52.5	1.8	1.5	505.2	485.2	486.1	505.7	476.8
Czech Republic	344	336	25.0	60.8	14.2	0.7	1.1	532.6	526.0	516.6	460.4	525.8
Denmark	278	177	33.6	57.3	9.1	15.5	19.5	520.6	525.1	512.3	520.9	521.9
England	178	122	9.2	54.7	36.1	4.2	23.3	562.3	555.1	560.5	563.4	550.7
Finland	369	349	15.4	69.6	15.1	1.3	2.7	547.9	541.7	543.2	547.0	509.7
France	306	237	22.0	48.1	29.9	4.1	18.1	488.4	486.7	490.4	496.9	486.0
Georgia	218	215	29.3	59.7	11.0	1.4	0.0	474.2	460.7	461.7	478.0	.
Germany	243	194	39.5	56.8	3.8	5.4	13.5	521.3	511.4	501.1	518.3	517.8
Hong Kong SAR	182	120	25.0	68.6	6.5	1.1	31.3	546.0	540.3	542.4	549.7	552.3
Hungary	263	215	12.1	57.7	30.2	0.5	15.7	545.5	528.7	504.7	452.9	530.6
Iran, Islamic Rep. of	224	224	27.1	52.6	20.3	0.0	0.0	439.9	432.1	421.6	.	.
Ireland	239	235	25.4	54.3	20.3	0.9	0.4	538.3	532.7	521.1	544.2	537.9
Italy	266	260	36.9	52.9	10.2	1.6	0.7	508.7	511.6	511.8	513.5	504.4
Japan	142	136	27.5	58.6	13.9	3.4	1.6	553.8	555.1	554.6	552.6	568.6
Jordan	224	217	35.2	49.5	15.3	2.9	0.3	412.2	423.4	417.5	396.4	336.1
Kazakhstan	303	236	50.3	44.2	5.4	19.0	1.3	467.9	471.0	451.9	457.4	484.2
Korea, Rep. of	199	171	8.9	48.5	42.6	5.7	7.9	585.5	583.0	586.5	572.5	575.3
Kosovo	231	193	38.5	54.2	7.3	7.7	9.5	399.9	409.7	396.7	403.6	386.5
Kuwait	164	143	30.0	56.5	13.6	12.8	0.7	366.5	382.7	366.4	351.1	495.2
Latvia	213	203	30.0	56.0	13.9	0.8	3.8	522.9	529.3	522.2	509.0	508.2
Lithuania	250	246	40.1	55.3	4.7	0.6	0.5	535.7	537.9	529.0	561.5	572.4
Macao SAR	275	274	36.5	55.9	7.5	0.0	0.0	536.3	534.8	540.7	589.8	.
Montenegro	338	314	24.7	52.8	22.5	3.2	4.0	454.2	462.4	461.7	462.4	469.7
Morocco	303	267	25.3	53.7	21.0	2.8	5.9	405.0	390.2	386.4	344.3	366.6
Netherlands	188	109	43.3	39.6	17.1	6.6	32.9	520.6	520.4	503.6	508.6	517.3
New Zealand	396	191	19.3	50.3	30.4	4.9	45.2	522.4	523.5	525.5	523.6	508.5
North Macedonia	274	196	38.7	50.5	10.8	3.3	25.2	445.4	438.4	437.0	428.9	433.4
Norway (5)	314	207	48.7	48.4	3.0	4.7	26.6	538.6	529.1	526.9	527.3	522.7
Oman	287	267	24.3	55.3	20.3	4.0	2.6	434.6	433.5	431.6	409.4	442.7
Poland	267	260	48.3	42.9	8.8	2.4	0.7	552.4	546.3	550.3	553.3	572.0
Portugal	321	313	25.6	59.2	15.2	1.8	0.8	516.9	510.9	495.8	537.9	510.7
Qatar	283	276	44.9	50.3	4.8	1.0	2.3	467.0	473.5	475.9	451.2	543.2
Romania	188	118	33.3	61.4	5.3	3.9	34.2	530.1	534.2	543.8	516.4	514.4
Saudi Arabia	217	182	17.5	55.7	26.8	4.7	10.5	415.4	435.8	417.3	405.6	439.7
Serbia	213	210	22.4	60.8	16.8	1.5	0.0	515.4	510.1	502.5	499.9	.
Singapore	362	358	3.7	49.2	47.1	0.9	0.3	584.0	611.7	605.0	595.8	585.9
Slovak Republic	269	269	22.7	61.2	16.1	0.0	0.0	535.9	520.6	499.0	.	.
Slovenia	269	259	25.9	52.3	21.7	1.7	1.6	529.5	524.3	523.7	514.9	543.1
South Africa (5)	287	191	36.9	55.5	7.6	10.8	24.1	280.0	324.4	282.3	324.4	308.8
Spain	582	552	55.4	38.3	6.2	2.5	2.0	506.5	500.7	501.8	499.8	512.2
Sweden	250	196	35.4	53.3	11.2	5.3	14.5	535.5	537.3	515.3	515.3	529.4
Turkiye (5)	171	168	47.7	47.9	4.4	1.9	0.0	571.7	567.0	572.6	602.1	.
United Arab Emirates	1435	1195	36.1	54.9	9.0	2.4	11.2	502.2	501.9	454.7	457.6	481.2
United States	495	467	18.2	54.2	27.6	2.5	3.6	538.4	536.3	520.5	545.6	526.0
Uzbekistan	168	156	37.2	58.1	4.7	5.5	2.0	404.3	416.1	429.2	401.5	420.6
International Avg. (58)	17865	15321	30.0	52.9	17.1	4.3	9.3	496.8	496.0	488.2	491.7	492.9
Ontario, Canada	286	227	36.0	58.1	5.8	6.8	11.8	525.2	527.4	516.1	535.5	514.7
Quebec, Canada	215	185	58.3	29.7	12.0	3.5	8.0	505.8	508.4	508.2	513.8	512.1
Abu Dhabi, UAE	553	456	31.3	53.9	14.8	3.2	11.4	468.4	444.3	430.3	385.1	436.0
Dubai, UAE	359	307	34.9	59.7	5.4	1.9	9.4	554.9	573.3	549.0	551.6	534.8
Sharjah, UAE	284	223	40.7	52.7	6.5	1.9	14.9	502.1	516.6	437.4	510.0	486.6

Question: In the past two years, have you participated in professional development in any of the following? Science content
Location: TQS-12Aa (ATBS12AA)

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
Albania	123	91	33.5	66.5	5.8	17.7	491.2	483.0	504.3	507.0
Armenia	211	187	35.1	64.9	7.9	1.9	461.3	456.4	447.0	461.0
Australia	347	237	15.5	84.5	4.9	26.9	549.0	551.5	550.9	545.2
Azerbaijan	271	213	39.2	60.8	8.6	12.8	407.6	432.3	413.6	420.6
Bahrain	212	210	42.2	57.8	0.6	0.0	483.6	468.9	464.8	.
Belgium (Flemish)	278	210	10.7	89.3	2.0	19.7	493.9	490.7	499.1	477.0
Belgium (French)	344	286	13.1	86.9	3.0	13.7	481.5	483.0	495.8	464.2
Bosnia & Herzegovina	236	170	20.0	80.0	7.2	20.2	462.1	446.6	461.3	438.8
Brazil	1047	895	35.2	64.8	12.4	1.5	424.7	428.1	410.0	439.3
Bulgaria	208	202	15.8	84.2	2.2	1.0	540.9	529.9	446.4	515.0
Canada	917	792	14.3	85.7	5.5	8.9	533.0	519.6	525.6	515.0
Chile	178	159	20.1	79.9	2.6	7.1	478.6	479.3	503.5	471.0
Chinese Taipei	238	237	68.1	31.9	0.6	0.0	574.4	568.8	570.8	.
Cyprus	267	262	54.4	45.6	1.3	0.8	492.8	480.3	488.0	471.0
Czech Republic	344	334	17.7	82.3	2.3	1.1	534.2	524.8	498.9	525.8
Denmark	278	178	13.5	86.5	15.6	19.1	528.5	522.1	519.4	521.6
England	178	126	52.9	47.1	3.9	22.2	556.5	560.8	546.3	550.6
Finland	369	351	1.2	98.8	1.0	2.7	517.2	543.4	526.2	509.7
France	306	243	6.0	94.0	3.8	16.4	489.8	488.3	503.7	483.4
Georgia	218	217	47.9	52.1	0.6	0.0	459.3	470.4	441.2	.
Germany	243	189	13.7	86.3	7.3	13.5	517.3	514.9	514.2	517.8
Hong Kong SAR	182	120	52.2	47.8	1.5	31.3	543.7	538.4	581.2	552.3
Hungary	263	213	5.9	94.1	1.4	15.4	527.9	523.7	478.5	529.8
Iran, Islamic Rep. of	224	223	59.1	40.9	0.5	0.0	429.9	436.1	355.7	.
Ireland	239	236	15.3	84.7	1.1	0.4	529.3	532.1	548.6	537.9
Italy	266	261	15.6	84.4	1.1	0.7	511.2	510.6	500.7	504.4
Japan	142	137	28.5	71.5	2.4	1.6	553.8	554.7	562.2	568.6
Jordan	224	215	39.3	60.7	2.9	0.3	428.0	411.9	408.9	336.1
Kazakhstan	303	233	54.7	45.3	21.2	1.3	462.4	477.9	455.0	484.2
Korea, Rep. of	199	173	33.9	66.1	5.3	7.5	584.8	584.5	574.3	574.2
Kosovo	231	195	20.0	80.0	7.1	9.5	387.7	409.0	405.9	386.5
Kuwait	164	162	74.5	25.5	0.6	0.7	368.8	385.0	298.9	495.2
Latvia	213	205	52.7	47.3	0.6	3.5	527.0	525.2	524.8	508.8
Lithuania	250	242	40.4	59.6	2.3	0.5	532.0	539.5	548.4	572.4
Macao SAR	275	274	77.7	22.3	0.0	0.0	540.6	518.9	589.8	.
Montenegro	338	318	18.4	81.6	2.5	4.0	467.3	458.8	459.1	469.7
Morocco	303	273	21.4	78.6	3.9	5.3	377.9	395.0	398.5	365.6
Netherlands	188	110	10.0	90.0	6.1	32.9	533.6	515.9	507.3	517.3
New Zealand	396	201	16.2	83.8	3.7	44.3	512.8	527.6	517.3	507.1
North Macedonia	274	192	29.8	70.2	5.2	25.2	461.4	432.1	435.0	433.4
Norway (5)	314	220	4.0	96.0	4.4	23.2	527.9	533.3	525.5	523.2
Oman	287	268	42.3	57.7	4.4	2.1	438.9	426.4	452.7	433.7
Poland	267	262	65.1	34.9	1.7	0.7	546.3	555.9	550.6	572.0
Portugal	321	311	22.5	77.5	2.0	0.8	510.2	510.3	526.3	510.7
Qatar	283	274	65.2	34.8	1.5	2.3	462.3	482.6	540.6	543.2
Romania	188	119	25.6	74.4	3.5	34.2	542.6	529.8	518.8	514.4
Saudi Arabia	217	181	51.1	48.9	5.6	10.1	433.6	421.8	408.4	436.0
Serbia	213	209	24.6	75.4	2.4	0.0	505.5	511.3	508.1	.
Singapore	362	358	68.6	31.4	0.9	0.3	607.8	606.8	595.8	585.9
Slovak Republic	269	268	16.4	83.6	0.7	0.0	521.4	520.5	516.0	.
Slovenia	269	259	23.3	76.7	1.7	1.6	524.4	525.9	514.9	543.1
South Africa (5)	287	213	66.8	33.2	1.9	24.4	308.8	301.8	347.4	309.2
Spain	582	554	23.2	76.8	2.8	2.0	503.4	504.4	493.2	512.4
Sweden	250	206	28.9	71.1	4.1	12.8	538.9	532.3	512.8	527.7
Turkiye (5)	171	168	40.2	59.8	1.9	0.0	573.7	566.6	602.1	.
United Arab Emirates	1435	1254	70.1	29.9	2.5	8.7	494.6	501.4	458.1	488.4
United States	495	469	35.2	64.8	2.3	3.5	536.6	529.8	550.7	527.0
Uzbekistan	168	158	78.5	21.5	4.2	2.0	414.0	402.5	416.0	420.6
International Avg. (58)	17865	15523	34.3	65.7	3.7	9.0	495.7	494.5	491.7	492.5
Ontario, Canada	286	228	18.2	81.8	7.1	11.4	538.1	523.1	535.2	515.2
Quebec, Canada	215	189	8.7	91.3	3.5	7.1	513.6	506.5	513.8	509.8
Abu Dhabi, UAE	553	485	67.2	32.8	2.8	8.0	438.7	469.1	388.6	438.0
Dubai, UAE	359	307	66.0	34.0	2.3	8.9	566.0	563.3	547.4	539.5
Sharjah, UAE	284	245	79.9	20.1	1.8	10.9	506.7	495.9	486.7	491.7

Question: Do you need future professional development in any of the following? Science content
Location: TQS-12Ba (ATBS12BA)

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
Albania	123	85	47.3	52.7	9.8	17.7	492.3	482.6	486.3	507.0
Armenia	211	179	76.7	23.3	11.9	1.9	458.8	453.5	454.6	461.0
Australia	347	235	63.5	36.5	6.3	26.9	551.5	552.3	543.4	545.2
Azerbaijan	271	186	61.6	38.4	19.1	12.8	418.9	433.1	412.6	420.6
Bahrain	212	201	52.3	47.7	5.9	0.0	467.7	484.9	460.3	.
Belgium (Flemish)	278	203	37.2	62.8	4.7	19.7	490.2	491.1	498.8	477.0
Belgium (French)	344	279	49.7	50.3	4.6	13.8	480.4	485.7	486.8	464.6
Bosnia & Herzegovina	236	168	33.0	67.0	8.5	20.2	452.2	448.7	458.5	438.8
Brazil	1047	882	93.3	6.7	14.3	1.5	423.8	467.9	413.6	439.3
Bulgaria	208	199	14.1	85.9	3.2	1.0	538.3	531.2	455.8	515.0
Canada	917	775	48.7	51.3	7.3	8.9	525.0	517.5	528.8	515.0
Chile	178	158	70.7	29.3	3.3	7.1	475.5	489.0	491.9	471.0
Chinese Taipei	238	232	79.0	21.0	2.8	0.0	574.6	564.8	573.9	.
Cyprus	267	259	48.0	52.0	2.7	0.8	486.3	487.4	496.1	471.0
Czech Republic	344	328	27.7	72.3	3.5	1.1	530.9	525.0	503.7	525.8
Denmark	278	169	43.2	56.8	18.7	19.1	523.4	522.6	519.9	521.6
England	178	117	33.6	66.4	8.3	22.4	559.7	557.6	555.4	550.5
Finland	369	348	22.9	77.1	1.8	2.7	544.0	543.0	529.9	509.7
France	306	240	50.8	49.2	4.6	16.4	485.9	491.0	500.3	483.4
Georgia	218	204	56.8	43.2	6.0	0.0	468.0	462.6	454.0	.
Germany	243	182	50.2	49.8	10.2	13.5	516.9	514.1	512.1	517.8
Hong Kong SAR	182	120	58.4	41.6	1.4	31.3	537.3	547.6	561.8	552.3
Hungary	263	212	19.1	80.9	1.4	15.7	523.5	523.4	502.6	530.6
Iran, Islamic Rep. of	224	219	57.0	43.0	2.4	0.0	435.4	429.9	395.4	.
Ireland	239	234	60.2	39.8	1.7	0.4	528.8	535.8	549.4	537.9
Italy	266	253	44.5	55.5	3.8	0.7	516.0	508.0	487.0	504.4
Japan	142	136	60.3	39.7	3.3	1.6	554.5	554.7	556.5	568.6
Jordan	224	205	50.5	49.5	8.0	0.3	414.9	419.4	427.1	336.1
Kazakhstan	303	216	68.6	31.4	25.9	1.3	469.4	474.8	452.9	484.2
Korea, Rep. of	199	173	49.2	50.8	5.3	7.5	585.4	583.8	574.3	574.2
Kosovo	231	185	67.1	32.9	11.3	9.5	408.2	397.6	405.9	386.5
Kuwait	164	160	58.0	42.0	1.7	0.7	375.5	370.7	317.5	495.2
Latvia	213	200	36.3	63.7	2.6	3.5	522.6	528.7	514.6	508.8
Lithuania	250	240	58.8	41.2	3.1	0.5	534.0	542.4	516.0	572.4
Macao SAR	275	271	86.6	13.4	0.8	0.0	538.4	518.6	536.3	.
Montenegro	338	312	44.9	55.1	4.7	4.0	451.3	466.6	471.5	469.7
Morocco	303	279	50.5	49.5	1.9	5.3	391.1	391.2	413.8	365.5
Netherlands	188	109	23.2	76.8	6.8	32.9	512.8	519.5	505.7	517.3
New Zealand	396	195	75.5	24.5	5.4	44.3	530.2	513.3	511.9	507.1
North Macedonia	274	187	43.0	57.0	6.1	25.2	435.4	442.9	448.7	433.4
Norway (5)	314	217	54.0	46.0	5.7	23.5	537.6	527.4	526.9	523.8
Oman	287	258	65.0	35.0	8.4	2.1	422.9	446.1	449.5	433.7
Poland	267	262	14.8	85.2	1.7	0.7	552.7	549.1	550.6	572.0
Portugal	321	308	36.1	63.9	2.8	0.8	512.3	509.3	518.4	510.7
Qatar	283	252	44.0	56.0	8.2	2.3	490.1	459.4	443.9	543.2
Romania	188	116	42.2	57.8	5.5	34.2	531.9	538.9	493.0	514.4
Saudi Arabia	217	156	43.0	57.0	16.5	10.5	418.1	428.4	435.8	439.7
Serbia	213	206	36.7	63.3	3.3	0.0	508.8	511.4	494.0	.
Singapore	362	356	42.6	57.4	1.4	0.3	608.1	606.8	611.3	585.9
Slovak Republic	269	265	47.1	52.9	1.8	0.0	522.7	518.4	529.0	.
Slovenia	269	256	41.6	58.4	3.2	1.6	527.8	523.4	528.8	543.1
South Africa (5)	287	200	81.5	18.5	5.4	25.0	289.1	374.4	347.5	308.0
Spain	582	541	49.8	50.2	4.4	2.0	499.5	508.8	497.2	512.4
Sweden	250	201	42.7	57.3	6.0	12.8	532.6	535.0	523.4	527.7
Turkiye (5)	171	163	38.6	61.4	4.6	0.0	557.9	577.6	573.0	.
United Arab Emirates	1435	1192	48.7	51.3	6.2	8.7	505.9	488.7	474.5	488.2
United States	495	458	48.7	51.3	4.6	3.5	526.2	539.7	522.6	527.0
Uzbekistan	168	142	69.4	30.6	13.6	2.0	414.1	405.8	412.7	420.6
International Avg. (58)	17865	15084	50.3	49.7	6.2	9.0	494.6	496.9	490.0	492.6
Ontario, Canada	286	222	54.9	45.1	9.0	11.4	524.6	525.1	541.8	515.2
Quebec, Canada	215	184	35.4	64.6	5.5	7.1	512.8	503.8	512.2	509.8
Abu Dhabi, UAE	553	460	46.8	53.2	6.6	8.0	468.7	432.9	410.2	438.3
Dubai, UAE	359	298	50.1	49.9	5.1	8.9	568.9	565.4	522.4	539.5
Sharjah, UAE	284	230	55.4	44.6	6.9	11.2	507.1	494.8	537.0	490.5

Question: In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction
 Location: TQS-12Ab (ATBS12AB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	92	44.4	55.6	5.3	17.7	495.0	479.2	499.3	507.0
Armenia	211	189	35.0	65.0	6.7	1.9	461.6	456.1	446.5	461.0
Australia	347	237	18.5	81.5	4.9	26.9	554.8	550.2	550.9	545.2
Azerbaijan	271	212	34.1	65.9	8.7	12.8	410.2	429.1	413.1	420.6
Bahrain	212	209	58.0	42.0	1.2	0.0	476.3	472.7	492.9	.
Belgium (Flemish)	278	211	10.1	89.9	1.7	19.7	496.3	490.5	499.9	477.0
Belgium (French)	344	285	13.1	86.9	3.4	13.7	476.5	483.5	501.2	464.2
Bosnia & Herzegovina	236	170	14.1	85.9	7.2	20.2	458.6	448.3	461.3	438.8
Brazil	1047	893	31.2	68.8	12.7	1.5	420.8	429.7	410.4	439.3
Bulgaria	208	201	12.1	87.9	2.9	1.0	534.6	531.7	450.3	515.0
Canada	917	792	12.0	88.0	5.5	8.9	524.6	521.1	525.6	515.0
Chile	178	158	10.2	89.8	3.3	7.1	487.8	477.9	505.7	471.0
Chinese Taipei	238	236	51.8	48.2	0.7	0.0	574.5	570.6	572.5	.
Cyprus	267	262	49.7	50.3	1.3	0.8	488.0	486.2	488.0	471.0
Czech Republic	344	334	11.4	88.6	2.3	1.1	537.3	525.1	498.9	525.8
Denmark	278	178	9.7	90.3	15.6	19.1	535.2	521.6	519.4	521.6
England	178	127	56.4	43.6	3.0	22.2	557.2	559.9	546.8	550.6
Finland	369	351	1.3	98.7	1.0	2.7	530.0	543.3	526.2	509.7
France	306	243	7.6	92.4	3.8	16.4	490.8	488.2	503.7	483.4
Georgia	218	216	55.2	44.8	1.5	0.0	461.1	468.9	489.5	.
Germany	243	188	6.2	93.8	7.5	13.5	513.7	515.6	511.5	517.8
Hong Kong SAR	182	120	42.6	57.4	1.5	31.3	544.7	538.5	581.2	552.3
Hungary	263	214	6.8	93.2	1.1	15.4	514.5	524.4	486.4	529.8
Iran, Islamic Rep. of	224	222	63.4	36.6	1.2	0.0	431.5	433.4	426.0	.
Ireland	239	235	14.7	85.3	1.6	0.4	529.8	532.2	534.2	537.9
Italy	266	260	19.6	80.4	1.4	0.7	516.6	509.3	500.1	504.4
Japan	142	137	32.4	67.6	2.4	1.6	555.4	553.9	562.2	568.6
Jordan	224	215	49.8	50.2	3.5	0.3	432.5	404.7	402.1	336.1
Kazakhstan	303	231	59.3	40.7	22.5	1.3	461.7	483.3	452.1	484.2
Korea, Rep. of	199	173	40.3	59.7	5.3	7.5	584.9	584.4	574.3	574.2
Kosovo	231	193	18.7	81.3	8.3	9.5	389.7	408.8	401.5	386.5
Kuwait	164	161	76.4	23.6	1.3	0.7	374.2	367.1	369.3	495.2
Latvia	213	205	44.9	55.1	0.6	3.5	528.7	524.1	524.8	508.8
Lithuania	250	245	24.1	75.9	0.8	0.5	522.8	541.2	542.4	572.4
Macao SAR	275	274	67.1	32.9	0.0	0.0	539.4	528.5	589.8	.
Montenegro	338	316	8.5	91.5	3.3	4.0	462.4	460.2	459.1	469.7
Morocco	303	274	28.2	71.8	3.8	5.3	392.6	392.8	365.2	365.6
Netherlands	188	110	10.5	89.5	6.1	32.9	525.8	516.7	507.3	517.3
New Zealand	396	201	14.4	85.6	3.7	44.3	519.1	526.3	517.3	507.1
North Macedonia	274	191	27.0	73.0	5.2	25.2	454.3	436.8	426.1	433.4
Norway (5)	314	219	3.0	97.0	4.9	23.2	528.1	533.4	523.2	523.2
Oman	287	268	59.2	40.8	4.4	2.1	431.4	432.1	452.7	433.7
Poland	267	260	41.3	58.7	2.8	0.7	546.7	551.4	555.9	572.0
Portugal	321	311	16.1	83.9	1.9	0.8	508.1	510.6	533.3	510.7
Qatar	283	272	68.9	31.1	1.8	2.3	461.6	486.1	538.8	543.2
Romania	188	118	26.3	73.7	4.9	34.2	547.8	527.5	525.9	514.4
Saudi Arabia	217	177	54.4	45.6	7.4	10.1	429.5	424.8	418.9	436.0
Serbia	213	208	18.8	81.2	3.2	0.0	511.0	510.6	484.0	.
Singapore	362	358	80.1	19.9	0.9	0.3	606.5	611.8	595.8	585.9
Slovak Republic	269	267	16.9	83.1	1.0	0.0	517.9	521.1	522.7	.
Slovenia	269	259	15.5	84.5	1.7	1.6	521.4	526.3	514.9	543.1
South Africa (5)	287	208	49.7	50.3	3.9	24.1	311.9	303.4	314.1	307.8
Spain	582	552	21.8	78.2	3.3	2.0	497.2	506.0	496.9	512.4
Sweden	250	206	20.3	79.7	4.1	12.8	542.9	532.0	512.8	527.7
Turkiye (5)	171	167	31.0	69.0	2.7	0.0	578.0	566.2	578.8	.
United Arab Emirates	1435	1251	70.5	29.5	2.9	8.7	497.0	495.2	467.1	488.4
United States	495	469	28.7	71.3	2.3	3.5	535.7	530.8	550.7	527.0
Uzbekistan	168	158	77.5	22.5	4.2	2.0	415.8	396.6	416.0	420.6
International Avg. (58)	17865	15489	32.6	67.4	4.0	9.0	495.8	494.5	493.8	492.5
Ontario, Canada	286	228	14.0	86.0	7.1	11.4	532.5	524.7	535.2	515.2
Quebec, Canada	215	189	10.1	89.9	3.5	7.1	507.0	507.1	513.8	509.8
Abu Dhabi, UAE	553	483	68.1	31.9	3.6	8.0	444.0	457.0	414.8	438.0
Dubai, UAE	359	306	65.8	34.2	2.6	8.9	567.6	559.9	553.6	539.5
Sharjah, UAE	284	245	79.6	20.4	1.8	10.9	509.9	483.5	486.7	491.7

Question: Do you need future professional development in any of the following? Science pedagogy/instruction
 Location: TQS-12Bb (ATBS12BB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	85	41.2	58.8	9.8	17.7	491.3	484.3	486.3	507.0
Armenia	211	179	75.1	24.9	12.1	1.9	457.9	456.1	455.7	461.0
Australia	347	235	67.3	32.7	6.3	26.9	552.7	550.0	543.4	545.2
Azerbaijan	271	188	60.3	39.7	18.7	12.8	416.8	435.7	412.3	420.6
Bahrain	212	199	55.6	44.4	6.4	0.0	466.7	488.2	456.8	.
Belgium (Flemish)	278	204	34.4	65.6	4.3	19.7	492.8	489.8	499.1	477.0
Belgium (French)	344	279	61.7	38.3	4.6	13.8	481.4	485.7	486.8	464.6
Bosnia & Herzegovina	236	166	36.6	63.4	8.7	20.2	456.0	446.2	458.6	438.8
Brazil	1047	882	93.6	6.4	14.3	1.5	427.0	423.4	413.6	439.3
Bulgaria	208	200	16.3	83.7	2.4	1.0	521.9	533.0	470.9	515.0
Canada	917	780	51.8	48.2	6.6	8.9	522.6	519.7	528.3	515.0
Chile	178	157	65.7	34.3	4.0	7.1	479.3	478.7	497.1	471.0
Chinese Taipei	238	232	78.4	21.6	2.8	0.0	573.1	570.8	573.9	.
Cyprus	267	258	59.5	40.5	2.8	0.8	486.1	487.8	498.0	471.0
Czech Republic	344	330	32.9	67.1	3.1	1.1	530.9	524.4	504.5	525.8
Denmark	278	169	33.7	66.3	18.7	19.1	522.4	523.2	519.9	521.6
England	178	117	42.0	58.0	8.3	22.4	560.7	556.6	555.4	550.5
Finland	369	349	37.0	63.0	1.6	2.7	547.0	541.2	521.0	509.7
France	306	240	69.0	31.0	4.6	16.4	489.5	486.0	500.3	483.4
Georgia	218	206	56.8	43.2	5.6	0.0	470.6	458.6	456.8	.
Germany	243	182	42.9	57.1	9.8	13.5	515.4	515.1	514.4	517.8
Hong Kong SAR	182	120	63.9	36.1	1.4	31.3	538.7	546.6	561.8	552.3
Hungary	263	212	32.2	67.8	1.4	15.7	530.1	520.2	502.6	530.6
Iran, Islamic Rep. of	224	219	53.8	46.2	2.4	0.0	433.2	432.8	395.4	.
Ireland	239	232	63.6	36.4	3.8	0.4	530.7	532.4	546.2	537.9
Italy	266	254	58.8	41.2	3.6	0.7	510.9	512.2	489.2	504.4
Japan	142	136	81.3	18.7	3.3	1.6	555.0	552.4	556.5	568.6
Jordan	224	203	55.7	44.3	8.5	0.3	419.1	415.4	422.9	336.1
Kazakhstan	303	217	61.5	38.5	25.3	1.3	464.1	479.1	455.8	484.2
Korea, Rep. of	199	173	55.3	44.7	5.3	7.5	585.2	583.8	574.3	574.2
Kosovo	231	184	67.9	32.1	11.6	9.5	407.4	399.2	405.4	386.5
Kuwait	164	159	57.1	42.9	2.4	0.7	373.4	373.9	327.3	495.2
Latvia	213	201	44.7	55.3	2.1	3.5	519.1	532.7	504.4	508.8
Lithuania	250	240	61.0	39.0	3.1	0.5	535.9	539.8	516.0	572.4
Macao SAR	275	272	85.8	14.2	0.5	0.0	537.8	524.1	529.1	.
Montenegro	338	315	44.8	55.2	3.5	4.0	452.1	467.1	457.6	469.7
Morocco	303	278	45.9	54.1	2.0	5.3	397.7	385.6	413.1	365.5
Netherlands	188	109	24.6	75.4	6.8	32.9	515.0	519.0	505.7	517.3
New Zealand	396	195	73.8	26.2	5.4	44.3	530.1	514.7	511.9	507.1
North Macedonia	274	189	44.0	56.0	5.7	25.2	434.2	444.3	446.7	433.4
Norway (5)	314	217	52.1	47.9	5.7	23.5	535.5	530.1	526.9	523.8
Oman	287	257	62.9	37.1	8.9	2.1	422.8	445.2	447.4	433.7
Poland	267	261	16.4	83.6	2.3	0.7	554.5	548.8	548.9	572.0
Portugal	321	308	49.9	50.1	2.8	0.8	512.6	508.2	518.4	510.7
Qatar	283	253	45.6	54.4	8.1	2.3	489.4	459.2	442.4	543.2
Romania	188	114	46.6	53.4	7.8	34.2	530.5	538.2	515.4	514.4
Saudi Arabia	217	153	46.6	53.4	17.9	10.5	428.5	422.5	429.6	439.7
Serbia	213	206	33.4	66.6	3.3	0.0	503.1	514.1	494.0	.
Singapore	362	356	57.8	42.2	1.4	0.3	608.8	605.3	611.3	585.9
Slovak Republic	269	265	43.8	56.2	1.8	0.0	520.5	520.4	529.0	.
Slovenia	269	256	42.7	57.3	3.2	1.6	528.8	522.6	528.8	543.1
South Africa (5)	287	200	83.7	16.3	5.5	24.8	283.0	419.4	345.9	307.0
Spain	582	540	69.7	30.3	4.7	2.0	504.8	503.5	492.9	512.2
Sweden	250	201	44.0	56.0	6.0	12.8	530.5	536.7	523.4	527.7
Turkiye (5)	171	164	44.7	55.3	4.3	0.0	563.2	575.2	575.5	.
United Arab Emirates	1435	1191	53.9	46.1	6.4	8.7	501.9	492.0	472.7	488.2
United States	495	456	48.5	51.5	5.1	3.5	526.7	538.2	532.3	527.0
Uzbekistan	168	141	67.9	32.1	14.3	2.0	411.2	412.3	412.6	420.6
International Avg. (58)	17865	15084	53.4	46.6	6.3	9.0	494.6	496.9	490.0	492.5
Ontario, Canada	286	223	52.9	47.1	8.7	11.4	525.2	524.5	542.2	515.2
Quebec, Canada	215	187	47.2	52.8	4.4	7.1	506.6	508.0	506.5	509.8
Abu Dhabi, UAE	553	458	56.0	44.0	6.9	8.0	457.1	439.5	415.4	438.3
Dubai, UAE	359	298	53.5	46.5	5.0	8.9	570.4	563.1	523.6	539.5
Sharjah, UAE	284	232	57.7	42.3	6.8	11.1	509.4	491.1	537.5	490.2

Question: In the past two years, have you participated in professional development in any of the following? Science curriculum
Location: TQS-12Ac (ATBS12AC)

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
Albania	123	92	40.1	59.9	5.3	17.7	493.7	481.2	499.3	507.0
Armenia	211	187	44.1	55.9	7.2	1.9	456.7	459.0	447.5	461.0
Australia	347	237	16.8	83.2	4.9	26.9	541.7	553.0	550.9	545.2
Azerbaijan	271	211	46.3	53.7	9.2	12.8	421.5	423.6	414.2	420.6
Bahrain	212	209	39.5	60.5	0.8	0.0	488.7	466.2	465.7	.
Belgium (Flemish)	278	211	20.9	79.1	1.7	19.7	483.3	493.1	499.9	477.0
Belgium (French)	344	283	29.0	71.0	4.0	13.7	478.8	484.6	491.2	464.2
Bosnia & Herzegovina	236	169	21.6	78.4	7.8	20.2	457.9	447.3	461.9	438.8
Brazil	1047	893	32.7	67.3	12.5	1.5	418.6	431.2	409.4	439.3
Bulgaria	208	202	22.8	77.2	2.2	1.0	530.1	532.1	446.4	515.0
Canada	917	792	12.9	87.1	5.5	8.9	531.3	520.0	525.6	515.0
Chile	178	158	18.2	81.8	3.2	7.1	479.3	479.4	493.3	471.0
Chinese Taipei	238	236	58.6	41.4	1.1	0.0	574.6	570.4	550.3	.
Cyprus	267	262	45.5	54.5	1.3	0.8	495.9	479.8	488.0	471.0
Czech Republic	344	333	4.0	96.0	2.5	1.1	540.6	525.9	500.5	525.8
Denmark	278	176	2.2	97.8	16.5	19.1	539.4	522.9	518.1	521.6
England	178	125	52.7	47.3	4.7	22.2	554.3	562.4	555.4	550.6
Finland	369	351	4.3	95.7	1.0	2.7	549.9	542.8	526.2	509.7
France	306	243	4.8	95.2	3.8	16.4	479.3	488.8	503.7	483.4
Georgia	218	216	56.7	43.3	1.2	0.0	463.0	465.7	531.6	.
Germany	243	187	9.3	90.7	7.9	13.5	508.0	517.1	503.9	517.8
Hong Kong SAR	182	120	38.2	61.8	1.5	31.3	529.1	548.6	581.2	552.3
Hungary	263	214	6.4	93.6	1.1	15.4	501.3	525.2	486.4	529.8
Iran, Islamic Rep. of	224	220	52.1	47.9	2.1	0.0	433.8	431.7	398.8	.
Ireland	239	232	14.4	85.6	2.3	0.4	527.0	532.7	533.0	537.9
Italy	266	258	18.4	81.6	1.9	0.7	514.0	510.2	496.9	504.4
Japan	142	137	16.0	84.0	2.4	1.6	554.8	554.4	562.2	568.6
Jordan	224	213	42.0	58.0	3.8	0.3	430.1	410.0	405.4	336.1
Kazakhstan	303	229	59.3	40.7	22.9	1.3	460.2	483.5	455.1	484.2
Korea, Rep. of	199	173	33.6	66.4	5.3	7.5	583.2	585.3	574.3	574.2
Kosovo	231	193	33.2	66.8	8.3	9.5	397.0	409.3	401.5	386.5
Kuwait	164	160	77.2	22.8	1.6	0.7	374.1	366.6	378.3	495.2
Latvia	213	202	45.9	54.1	1.8	3.5	525.2	526.7	533.5	508.8
Lithuania	250	244	48.3	51.7	1.1	0.5	533.7	539.4	548.1	572.4
Macao SAR	275	274	66.2	33.8	0.0	0.0	539.5	528.6	589.8	.
Montenegro	338	316	9.0	91.0	3.0	4.0	457.2	460.7	458.2	469.7
Morocco	303	273	26.0	74.0	3.4	5.3	386.1	393.6	390.9	365.6
Netherlands	188	110	7.2	92.8	6.1	32.9	531.5	516.6	507.3	517.3
New Zealand	396	200	15.6	84.4	3.9	44.3	522.2	525.6	519.6	507.1
North Macedonia	274	192	40.3	59.7	5.2	25.2	456.7	431.2	425.8	433.4
Norway (5)	314	219	2.8	97.2	4.9	23.2	546.1	532.4	529.4	523.2
Oman	287	266	43.2	56.8	4.8	2.1	432.9	430.7	451.9	433.7
Poland	267	261	37.2	62.8	2.1	0.7	546.2	551.8	548.9	572.0
Portugal	321	312	18.1	81.9	1.6	0.8	508.7	510.7	531.2	510.7
Qatar	283	273	63.8	36.2	1.7	2.3	467.8	471.2	548.6	543.2
Romania	188	118	24.5	75.5	4.9	34.2	545.2	528.8	525.9	514.4
Saudi Arabia	217	177	52.6	47.4	7.6	10.1	432.2	423.8	409.2	436.0
Serbia	213	205	17.8	82.2	3.9	0.0	502.6	511.9	499.1	.
Singapore	362	357	70.5	29.5	1.2	0.3	607.5	607.6	599.2	585.9
Slovak Republic	269	268	36.8	63.2	0.7	0.0	523.4	519.0	516.0	.
Slovenia	269	259	14.4	85.6	1.7	1.6	512.4	527.7	514.9	543.1
South Africa (5)	287	213	73.3	26.7	1.9	24.2	302.7	319.5	341.9	307.6
Spain	582	552	25.5	74.5	3.5	2.0	504.8	503.9	495.8	512.4
Sweden	250	206	55.3	44.7	4.1	12.8	532.9	535.9	512.8	527.7
Turkiye (5)	171	166	32.4	67.6	3.5	0.0	576.0	567.0	576.1	.
United Arab Emirates	1435	1250	71.8	28.2	2.7	8.7	497.7	493.7	461.7	488.4
United States	495	469	40.8	59.2	2.3	3.5	530.9	533.1	550.7	527.0
Uzbekistan	168	158	79.0	21.0	4.2	2.0	414.4	400.8	416.0	420.6
International Avg. (58)	17865	15462	34.4	65.6	4.1	9.0	495.3	494.8	494.1	492.5
Ontario, Canada	286	228	19.0	81.0	7.1	11.4	532.2	524.3	535.2	515.2
Quebec, Canada	215	189	3.5	96.5	3.5	7.1	499.3	507.4	513.8	509.8
Abu Dhabi, UAE	553	485	70.3	29.7	2.8	8.0	445.3	456.6	388.6	438.0
Dubai, UAE	359	305	67.8	32.2	2.6	8.9	566.9	561.3	548.8	539.5
Sharjah, UAE	284	244	79.0	21.0	2.0	10.9	512.2	475.9	487.2	491.7

Question: Do you need future professional development in any of the following? Science curriculum
 Location: TQS-12Bc (ATBS12BC)

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
Albania	123	85	44.2	55.8	9.8	17.7	489.2	485.5	486.3	507.0
Armenia	211	179	78.6	21.4	11.5	1.9	458.0	455.7	454.9	461.0
Australia	347	235	64.4	35.6	6.3	26.9	553.0	549.8	543.4	545.2
Azerbaijan	271	183	54.7	45.3	20.4	12.8	420.9	427.9	414.2	420.6
Bahrain	212	200	53.2	46.8	6.1	0.0	464.3	488.9	462.3	.
Belgium (Flemish)	278	203	33.3	66.7	4.7	19.7	493.9	489.6	495.5	477.0
Belgium (French)	344	277	54.0	46.0	5.2	13.8	481.6	483.8	492.7	464.6
Bosnia & Herzegovina	236	169	31.2	68.8	7.9	20.2	454.7	447.9	457.6	438.8
Brazil	1047	881	92.7	7.3	14.5	1.5	425.8	437.5	414.3	439.3
Bulgaria	208	199	5.7	94.3	3.1	1.0	512.7	532.8	469.3	515.0
Canada	917	778	46.2	53.8	7.1	8.9	524.2	518.9	526.1	515.0
Chile	178	157	62.1	37.9	4.0	7.1	475.0	485.9	497.1	471.0
Chinese Taipei	238	231	80.5	19.5	3.0	0.0	573.9	567.3	571.7	.
Cyprus	267	260	40.6	59.4	2.1	0.8	482.8	489.7	497.3	471.0
Czech Republic	344	331	23.8	76.2	2.9	1.1	531.6	525.1	500.1	525.8
Denmark	278	168	23.1	76.9	19.1	19.1	514.3	525.6	519.8	521.6
England	178	117	34.5	65.5	8.3	22.4	558.4	558.3	555.4	550.5
Finland	369	348	18.8	81.2	1.7	2.7	544.9	543.0	518.9	509.7
France	306	240	43.0	57.0	4.6	16.4	491.1	486.4	500.3	483.4
Georgia	218	203	53.2	46.8	7.3	0.0	466.6	464.8	455.0	.
Germany	243	178	28.8	71.2	11.7	13.5	512.1	519.0	503.3	517.8
Hong Kong SAR	182	120	58.9	41.1	1.4	31.3	536.5	548.9	561.8	552.3
Hungary	263	212	16.1	83.9	1.4	15.7	518.3	524.4	502.6	530.6
Iran, Islamic Rep. of	224	219	56.4	43.6	2.4	0.0	434.3	431.3	395.4	.
Ireland	239	234	48.7	51.3	1.7	0.4	531.7	531.5	549.4	537.9
Italy	266	254	33.6	66.4	3.5	0.7	513.2	510.7	485.2	504.4
Japan	142	136	51.6	48.4	3.3	1.6	556.0	553.0	556.5	568.6
Jordan	224	203	47.9	52.1	8.9	0.3	416.5	417.7	426.3	336.1
Kazakhstan	303	217	65.3	34.7	25.5	1.3	465.7	480.0	453.6	484.2
Korea, Rep. of	199	171	48.9	51.1	6.3	7.5	586.1	582.9	577.9	574.2
Kosovo	231	184	62.0	38.0	11.6	9.5	407.6	400.8	403.8	386.5
Kuwait	164	159	52.2	47.8	2.4	0.7	373.0	373.7	338.6	495.2
Latvia	213	200	34.6	65.4	2.3	3.5	522.1	529.0	508.2	508.8
Lithuania	250	239	62.1	37.9	3.2	0.5	533.9	542.9	520.1	572.4
Macao SAR	275	270	84.8	15.2	1.5	0.0	537.7	525.3	534.4	.
Montenegro	338	309	45.0	55.0	5.7	4.0	451.9	466.7	464.5	469.7
Morocco	303	273	49.9	50.1	4.1	5.3	395.7	385.2	417.2	365.5
Netherlands	188	109	16.6	83.4	6.8	32.9	513.6	518.8	505.7	517.3
New Zealand	396	194	79.2	20.8	5.5	44.3	529.4	512.6	513.6	507.1
North Macedonia	274	186	44.1	55.9	6.5	25.2	434.2	444.4	445.6	433.4
Norway (5)	314	217	37.0	63.0	5.7	23.5	537.3	530.4	526.9	523.8
Oman	287	256	62.4	37.6	9.1	2.1	423.4	442.6	452.0	433.7
Poland	267	261	13.4	86.6	2.3	0.7	557.9	548.4	548.9	572.0
Portugal	321	307	37.3	62.7	2.9	0.8	511.5	509.7	518.3	510.7
Qatar	283	251	42.9	57.1	8.4	2.3	488.0	461.4	445.8	543.2
Romania	188	114	39.9	60.1	7.6	34.2	525.9	541.3	510.4	514.4
Saudi Arabia	217	154	41.4	58.6	17.5	10.5	418.9	429.1	431.3	439.7
Serbia	213	203	29.1	70.9	4.5	0.0	503.9	513.5	492.6	.
Singapore	362	356	48.9	51.1	1.4	0.3	607.5	607.2	611.3	585.9
Slovak Republic	269	265	31.9	68.1	1.8	0.0	517.0	522.0	529.0	.
Slovenia	269	256	26.7	73.3	3.2	1.6	529.4	523.7	528.8	543.1
South Africa (5)	287	200	77.4	22.6	6.1	24.8	293.4	347.9	336.1	307.2
Spain	582	541	49.9	50.1	4.4	2.0	500.2	508.1	497.6	512.4
Sweden	250	202	33.3	66.7	5.7	12.8	530.2	535.7	524.5	527.7
Turkiye (5)	171	162	37.0	63.0	5.0	0.0	567.7	571.1	574.8	.
United Arab Emirates	1435	1186	48.0	52.0	6.6	8.8	504.9	490.4	473.2	488.4
United States	495	459	51.6	48.4	4.4	3.5	529.5	536.8	524.0	527.0
Uzbekistan	168	141	67.6	32.4	14.3	2.0	412.0	410.7	412.6	420.6
International Avg. (58)	17865	15042	46.6	53.4	6.5	9.0	493.9	496.4	490.2	492.6
Ontario, Canada	286	223	54.3	45.7	8.7	11.4	526.3	523.2	542.2	515.2
Quebec, Canada	215	185	27.1	72.9	6.1	7.1	514.2	505.1	503.9	509.8
Abu Dhabi, UAE	553	456	44.1	55.9	7.2	8.0	467.6	435.2	416.0	438.3
Dubai, UAE	359	297	51.4	48.6	5.3	8.9	567.5	566.5	526.0	539.5
Sharjah, UAE	284	230	49.8	50.2	6.9	11.3	501.2	501.8	537.1	491.2

Question: In the past two years, have you participated in professional development in any of the following? Integrating technology into science instruction
Location: TQS-12Ad (ATBS12AD)

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
Albania	123	90	50.6	49.4	7.0	17.7	488.5	481.5	509.0	507.0
Armenia	211	189	50.1	49.9	6.7	1.9	460.2	455.8	446.5	461.0
Australia	347	237	15.1	84.9	4.9	26.9	539.4	553.2	550.9	545.2
Azerbaijan	271	208	42.8	57.2	10.1	12.8	414.9	430.0	408.0	420.6
Bahrain	212	208	70.6	29.4	1.5	0.0	471.8	481.6	496.8	.
Belgium (Flemish)	278	211	18.0	82.0	1.7	19.7	490.7	491.2	499.9	477.0
Belgium (French)	344	285	4.2	95.8	3.4	13.7	483.0	482.5	501.2	464.2
Bosnia & Herzegovina	236	170	12.1	87.9	7.2	20.2	443.3	450.6	461.3	438.8
Brazil	1047	890	22.1	77.9	13.0	1.5	434.0	425.0	410.3	439.3
Bulgaria	208	202	30.9	69.1	2.2	1.0	541.3	527.3	446.4	515.0
Canada	917	791	15.2	84.8	5.6	8.9	531.1	519.8	525.5	515.0
Chile	178	159	13.3	86.7	2.6	7.1	475.5	479.8	503.5	471.0
Chinese Taipei	238	237	60.2	39.8	0.6	0.0	574.1	570.5	570.8	.
Cyprus	267	262	33.2	66.8	1.3	0.8	491.8	484.8	488.0	471.0
Czech Republic	344	334	24.3	75.7	2.3	1.1	535.9	523.5	498.9	525.8
Denmark	278	176	5.8	94.2	16.3	19.1	535.0	521.9	520.7	521.6
England	178	126	21.1	78.9	3.9	22.2	555.7	559.3	546.3	550.6
Finland	369	350	4.2	95.8	1.3	2.7	546.8	543.2	512.2	509.7
France	306	243	3.3	96.7	3.8	16.4	495.8	488.1	503.7	483.4
Georgia	218	218	51.6	48.4	0.0	0.0	463.7	466.3	.	.
Germany	243	188	12.7	87.3	7.5	13.5	522.2	514.4	512.6	517.8
Hong Kong SAR	182	120	52.9	47.1	1.5	31.3	545.6	536.1	581.2	552.3
Hungary	263	214	4.8	95.2	1.1	15.4	540.1	522.9	486.4	529.8
Iran, Islamic Rep. of	224	221	47.9	52.1	1.4	0.0	437.1	430.2	328.2	.
Ireland	239	235	10.1	89.9	1.6	0.4	528.3	532.2	534.2	537.9
Italy	266	259	23.1	76.9	1.7	0.7	515.5	509.1	510.8	504.4
Japan	142	137	12.4	87.6	2.4	1.6	553.4	554.6	562.2	568.6
Jordan	224	213	49.2	50.8	3.3	0.3	429.0	408.0	405.3	336.1
Kazakhstan	303	232	58.0	42.0	21.6	1.3	456.0	487.6	455.6	484.2
Korea, Rep. of	199	172	33.0	67.0	5.6	7.5	584.7	584.7	573.7	574.2
Kosovo	231	192	13.8	86.2	8.5	9.5	387.4	407.8	403.4	386.5
Kuwait	164	160	76.0	24.0	2.0	0.7	372.3	373.8	363.0	495.2
Latvia	213	204	42.9	57.1	1.0	3.5	525.1	526.9	526.0	508.8
Lithuania	250	245	52.6	47.4	0.8	0.5	532.6	541.4	542.4	572.4
Macao SAR	275	274	62.6	37.4	0.0	0.0	545.1	520.2	589.8	.
Montenegro	338	316	22.6	77.4	2.9	4.0	463.2	459.9	450.3	469.7
Morocco	303	274	23.1	76.9	3.9	5.3	385.7	392.9	400.1	365.6
Netherlands	188	110	6.6	93.4	6.1	32.9	508.4	518.3	507.3	517.3
New Zealand	396	201	15.2	84.8	3.7	44.3	518.4	526.5	517.3	507.1
North Macedonia	274	190	23.9	76.1	6.0	25.2	457.2	435.6	436.3	433.4
Norway (5)	314	220	3.6	96.4	4.4	23.2	535.7	532.9	525.5	523.2
Oman	287	267	49.4	50.6	4.6	2.1	436.0	427.5	450.9	433.7
Poland	267	262	75.9	24.1	1.7	0.7	548.9	552.0	550.6	572.0
Portugal	321	311	22.0	78.0	1.9	0.8	505.2	511.8	523.7	510.7
Qatar	283	274	70.2	29.8	1.5	2.3	458.7	494.4	545.7	543.2
Romania	188	119	32.2	67.8	3.5	34.2	545.2	527.4	518.8	514.4
Saudi Arabia	217	178	52.0	48.0	7.2	10.1	437.2	417.6	413.4	436.0
Serbia	213	208	43.7	56.3	2.7	0.0	506.0	513.5	496.4	.
Singapore	362	358	62.2	37.8	0.9	0.3	608.3	606.2	595.8	585.9
Slovak Republic	269	268	39.2	60.8	0.7	0.0	526.6	516.8	516.0	.
Slovenia	269	258	28.3	71.7	2.0	1.6	523.0	526.7	510.6	543.1
South Africa (5)	287	214	53.5	46.5	2.5	24.0	324.2	284.1	388.4	306.7
Spain	582	550	41.1	58.9	3.5	2.0	506.0	503.1	491.3	512.4
Sweden	250	205	11.5	88.5	4.5	12.8	541.5	533.4	512.3	527.7
Turkiye (5)	171	167	42.7	57.3	2.7	0.0	577.0	564.6	578.8	.
United Arab Emirates	1435	1249	73.4	26.6	2.8	8.7	499.2	489.3	463.6	488.5
United States	495	468	29.3	70.7	2.4	3.5	529.3	533.5	546.7	527.0
Uzbekistan	168	157	69.9	30.1	4.9	2.0	415.6	402.5	411.7	420.6
International Avg. (58)	17865	15476	34.3	65.7	4.0	9.0	496.6	494.1	493.4	492.4
Ontario, Canada	286	227	17.7	82.3	7.2	11.4	535.9	523.7	534.9	515.2
Quebec, Canada	215	189	9.8	90.2	3.5	7.1	515.0	506.2	513.8	509.8
Abu Dhabi, UAE	553	484	69.5	30.5	3.2	8.0	449.0	446.7	407.5	438.0
Dubai, UAE	359	306	68.4	31.6	2.4	8.9	567.1	560.8	547.1	539.5
Sharjah, UAE	284	243	83.9	16.1	2.0	11.1	510.2	474.9	488.7	491.8

Question: Do you need future professional development in any of the following? Integrating technology into science instruction
Location: TQS-12Bd (ATBS12BD)

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
Albania	123	84	63.6	36.4	10.4	17.7	491.8	478.7	487.1	507.0
Armenia	211	181	80.1	19.9	11.0	1.9	459.7	449.4	454.1	461.0
Australia	347	235	76.1	23.9	6.3	26.9	552.5	549.7	543.4	545.2
Azerbaijan	271	183	63.7	36.3	19.9	12.8	417.8	434.4	414.7	420.6
Bahrain	212	200	59.1	40.9	6.1	0.0	472.2	481.0	462.3	.
Belgium (Flemish)	278	202	53.1	46.9	4.8	19.7	493.7	488.2	493.7	477.0
Belgium (French)	344	279	53.7	46.3	4.6	13.8	479.8	486.9	486.8	464.6
Bosnia & Herzegovina	236	167	59.4	40.6	8.1	20.2	450.6	449.4	456.5	438.8
Brazil	1047	880	96.6	3.4	14.5	1.5	426.7	425.0	414.3	439.3
Bulgaria	208	198	46.3	53.7	3.6	1.0	523.2	539.2	474.8	515.0
Canada	917	779	62.9	37.1	6.9	8.9	518.5	525.9	527.5	515.0
Chile	178	157	82.9	17.1	4.0	7.1	479.5	476.5	500.0	471.0
Chinese Taipei	238	232	88.2	11.8	2.8	0.0	573.5	565.5	573.9	.
Cyprus	267	260	83.0	17.0	2.4	0.8	486.4	490.7	486.3	471.0
Czech Republic	344	330	48.8	51.2	3.3	1.1	526.9	526.4	502.9	525.8
Denmark	278	169	37.6	62.4	18.7	19.1	525.0	522.7	517.9	521.6
England	178	117	69.7	30.3	8.3	22.4	564.7	543.6	555.4	550.5
Finland	369	347	51.2	48.8	2.2	2.7	545.7	541.4	515.9	509.7
France	306	239	78.2	21.8	4.8	16.4	488.2	488.9	500.6	483.4
Georgia	218	207	66.5	33.5	5.2	0.0	465.3	465.7	456.7	.
Germany	243	182	51.2	48.8	10.1	13.5	514.6	516.2	513.4	517.8
Hong Kong SAR	182	120	65.6	34.4	1.4	31.3	538.2	548.0	561.8	552.3
Hungary	263	212	37.2	62.8	1.4	15.7	530.6	519.2	502.6	530.6
Iran, Islamic Rep. of	224	220	62.6	37.4	1.9	0.0	437.7	425.1	385.3	.
Ireland	239	234	83.9	16.1	1.7	0.4	532.1	528.7	549.4	537.9
Italy	266	254	70.8	29.2	3.6	0.7	511.5	511.1	489.2	504.4
Japan	142	136	69.0	31.0	3.3	1.6	556.6	549.9	556.5	568.6
Jordan	224	204	61.3	38.7	8.0	0.3	415.4	420.7	423.4	336.1
Kazakhstan	303	217	65.6	34.4	25.3	1.3	471.8	468.6	453.4	484.2
Korea, Rep. of	199	173	69.1	30.9	5.3	7.5	584.7	584.4	574.3	574.2
Kosovo	231	183	82.6	17.4	12.1	9.5	407.7	390.3	406.2	386.5
Kuwait	164	160	66.4	33.6	1.7	0.7	372.2	376.7	301.5	495.2
Latvia	213	201	56.4	43.6	2.1	3.5	524.5	529.4	504.4	508.8
Lithuania	250	239	72.7	27.3	3.6	0.5	536.7	538.5	524.7	572.4
Macao SAR	275	271	88.3	11.7	0.8	0.0	537.1	525.9	536.3	.
Montenegro	338	314	58.3	41.7	3.1	4.0	459.4	461.3	463.7	469.7
Morocco	303	273	56.5	43.5	4.0	5.3	403.9	376.7	381.8	365.5
Netherlands	188	108	29.3	70.7	7.3	32.9	518.0	517.8	507.4	517.3
New Zealand	396	195	71.5	28.5	5.4	44.3	529.0	518.8	511.9	507.1
North Macedonia	274	187	58.7	41.3	6.0	25.2	440.7	439.5	442.5	433.4
Norway (5)	314	216	64.3	35.7	6.0	23.5	534.7	529.8	527.3	523.8
Oman	287	259	75.1	24.9	7.9	2.1	424.1	450.1	456.4	433.7
Poland	267	261	33.1	66.9	2.3	0.7	548.9	550.1	548.9	572.0
Portugal	321	308	65.3	34.7	2.8	0.8	512.5	506.4	518.4	510.7
Qatar	283	253	49.1	50.9	8.1	2.3	488.7	457.8	442.4	543.2
Romania	188	116	50.0	50.0	5.5	34.2	535.2	536.7	493.0	514.4
Saudi Arabia	217	154	54.5	45.5	17.6	10.5	425.9	426.5	426.1	439.7
Serbia	213	205	54.3	45.7	4.1	0.0	510.8	510.0	497.6	.
Singapore	362	356	66.1	33.9	1.4	0.3	607.1	607.9	611.3	585.9
Slovak Republic	269	265	53.1	46.9	1.8	0.0	519.6	521.4	529.0	.
Slovenia	269	255	64.6	35.4	3.6	1.6	527.7	520.5	531.2	543.1
South Africa (5)	287	199	84.2	15.8	5.6	25.0	295.6	347.8	358.2	308.0
Spain	582	543	69.5	30.5	4.2	2.0	503.6	505.6	495.8	512.4
Sweden	250	201	58.5	41.5	6.0	12.8	532.8	535.6	523.4	527.7
Turkiye (5)	171	163	60.2	39.8	4.5	0.0	573.6	566.7	554.7	.
United Arab Emirates	1435	1190	60.1	39.9	6.5	8.7	501.8	490.0	476.4	488.2
United States	495	458	56.6	43.4	4.6	3.5	531.1	535.8	523.0	527.0
Uzbekistan	168	140	71.6	28.4	14.6	2.0	411.2	412.3	412.9	420.6
International Avg. (58)	17865	15071	63.6	36.4	6.3	9.0	495.7	494.6	488.6	492.6
Ontario, Canada	286	223	62.1	37.9	8.7	11.4	525.2	524.2	542.2	515.2
Quebec, Canada	215	187	64.9	35.1	4.4	7.1	504.0	513.6	506.5	509.8
Abu Dhabi, UAE	553	459	60.8	39.2	6.8	8.0	454.8	441.2	414.0	438.3
Dubai, UAE	359	297	61.1	38.9	5.3	8.9	573.8	556.5	524.6	539.5
Sharjah, UAE	284	232	66.5	33.5	6.8	11.1	507.3	490.4	537.5	490.2

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-12Ae (ATBS12AE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	92	60.7	39.3	5.3	17.7	491.5	478.1	499.3	507.0
Armenia	211	186	42.1	57.9	8.1	1.9	457.0	458.7	448.6	461.0
Australia	347	237	28.8	71.2	4.9	26.9	549.0	552.0	550.9	545.2
Azerbaijan	271	208	43.7	56.3	9.8	12.8	417.2	426.6	416.1	420.6
Bahrain	212	210	66.0	34.0	0.6	0.0	475.6	474.0	464.8	.
Belgium (Flemish)	278	211	13.1	86.9	1.7	19.7	493.2	490.8	499.9	477.0
Belgium (French)	344	285	6.8	93.2	3.4	13.7	482.3	482.6	501.2	464.2
Bosnia & Herzegovina	236	170	26.2	73.8	7.2	20.2	454.9	447.9	461.3	438.8
Brazil	1047	890	29.4	70.6	12.8	1.5	424.9	427.9	410.0	439.3
Bulgaria	208	200	25.9	74.1	3.0	1.0	538.3	529.3	469.9	515.0
Canada	917	790	16.8	83.2	5.7	8.9	530.9	519.5	525.7	515.0
Chile	178	158	26.6	73.4	3.3	7.1	479.6	479.6	487.7	471.0
Chinese Taipei	238	237	39.8	60.2	0.6	0.0	577.5	569.4	570.8	.
Cyprus	267	262	38.8	61.2	1.3	0.8	491.1	484.5	488.0	471.0
Czech Republic	344	332	28.1	71.9	3.0	1.1	531.6	524.6	502.1	525.8
Denmark	278	178	8.1	91.9	15.6	19.1	524.4	522.8	519.4	521.6
England	178	126	43.5	56.5	3.9	22.2	555.8	560.7	546.3	550.6
Finland	369	351	2.3	97.7	1.0	2.7	535.0	543.3	526.2	509.7
France	306	243	6.0	94.0	3.8	16.4	479.9	488.9	503.7	483.4
Georgia	218	216	48.8	51.2	1.2	0.0	467.2	462.3	484.8	.
Germany	243	188	8.5	91.5	7.3	13.5	537.1	513.5	510.6	517.8
Hong Kong SAR	182	120	57.3	42.7	1.5	31.3	543.4	538.1	581.2	552.3
Hungary	263	214	17.7	82.3	1.1	15.4	512.9	526.0	486.4	529.8
Iran, Islamic Rep. of	224	223	46.9	53.1	0.5	0.0	436.4	429.1	355.7	.
Ireland	239	234	22.0	78.0	1.8	0.4	529.8	532.3	537.3	537.9
Italy	266	260	20.1	79.9	1.4	0.7	518.1	508.9	500.1	504.4
Japan	142	137	12.2	87.8	2.4	1.6	561.2	553.5	562.2	568.6
Jordan	224	213	47.9	52.1	3.6	0.3	428.0	409.8	403.9	336.1
Kazakhstan	303	231	62.2	37.8	22.0	1.3	463.1	479.5	455.8	484.2
Korea, Rep. of	199	173	30.7	69.3	5.3	7.5	589.9	582.2	574.3	574.2
Kosovo	231	193	19.4	80.6	8.5	9.5	389.2	409.3	399.1	386.5
Kuwait	164	161	75.8	24.2	1.2	0.7	380.9	347.2	352.3	495.2
Latvia	213	205	54.9	45.1	0.6	3.5	523.3	529.6	524.8	508.8
Lithuania	250	243	36.9	63.1	1.2	0.5	534.0	538.7	523.7	572.4
Macao SAR	275	274	55.0	45.0	0.0	0.0	543.0	527.0	589.8	.
Montenegro	338	317	53.8	46.2	2.5	4.0	461.4	458.9	460.5	469.7
Morocco	303	272	27.3	72.7	4.9	5.3	393.0	392.1	377.8	365.6
Netherlands	188	110	16.8	83.2	6.1	32.9	520.9	517.0	507.3	517.3
New Zealand	396	200	26.9	73.1	3.9	44.3	518.0	527.7	519.9	507.1
North Macedonia	274	193	29.3	70.7	5.0	25.2	453.2	436.4	428.2	433.4
Norway (5)	314	220	2.8	97.2	4.4	23.2	539.4	532.9	525.5	523.2
Oman	287	267	58.1	41.9	4.6	2.1	434.3	428.1	452.2	433.7
Poland	267	261	41.7	58.3	2.1	0.7	545.7	552.6	548.9	572.0
Portugal	321	312	21.2	78.8	1.6	0.8	510.7	510.2	531.2	510.7
Qatar	283	273	75.1	24.9	1.7	2.3	466.4	477.5	542.3	543.2
Romania	188	118	35.0	65.0	4.9	34.2	546.9	525.3	525.9	514.4
Saudi Arabia	217	177	58.6	41.4	7.6	10.1	436.2	415.3	416.7	436.0
Serbia	213	208	34.7	65.3	2.7	0.0	512.1	509.2	496.4	.
Singapore	362	358	58.0	42.0	0.9	0.3	606.2	609.3	595.8	585.9
Slovak Republic	269	268	27.3	72.7	0.7	0.0	518.3	521.5	516.0	.
Slovenia	269	259	28.1	71.9	1.7	1.6	523.3	526.4	514.9	543.1
South Africa (5)	287	215	56.0	44.0	1.8	24.0	309.2	305.1	346.2	306.7
Spain	582	552	28.0	72.0	3.3	2.0	501.8	505.0	496.9	512.4
Sweden	250	206	13.1	86.9	4.1	12.8	541.1	533.2	512.8	527.7
Turkiye (5)	171	166	39.0	61.0	3.5	0.0	572.4	567.3	593.6	.
United Arab Emirates	1435	1253	77.6	22.4	2.6	8.7	500.5	483.0	462.1	488.4
United States	495	469	35.2	64.8	2.3	3.5	534.8	530.7	550.7	527.0
Uzbekistan	168	157	68.2	31.8	4.9	2.0	414.8	404.9	411.7	420.6
International Avg. (58)	17865	15482	35.9	64.1	4.0	9.0	496.7	493.4	492.5	492.4
Ontario, Canada	286	228	18.7	81.3	7.1	11.4	532.8	524.2	535.2	515.2
Quebec, Canada	215	187	6.0	94.0	4.1	7.1	512.9	506.5	516.3	509.8
Abu Dhabi, UAE	553	484	72.0	28.0	2.9	8.0	450.5	443.7	392.3	438.0
Dubai, UAE	359	305	76.7	23.3	2.5	8.9	565.1	565.0	548.9	539.5
Sharjah, UAE	284	247	82.5	17.5	1.4	10.9	512.6	464.0	507.8	491.7

Question: Do you need future professional development in any of the following? Improving students' critical thinking or inquiry skills
 Location: TQS-12Be (ATBS12BE)

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
Albania	123	85	40.9	59.1	9.8	17.7	490.0	485.2	486.3	507.0
Armenia	211	180	76.6	23.4	11.3	1.9	458.3	455.5	453.8	461.0
Australia	347	235	69.8	30.2	6.3	26.9	550.8	554.1	543.4	545.2
Azerbaijan	271	177	58.9	41.1	22.9	12.8	420.8	431.3	412.3	420.6
Bahrain	212	199	58.2	41.8	7.6	0.0	471.6	480.9	469.0	.
Belgium (Flemish)	278	204	38.9	61.1	4.3	19.7	491.7	490.3	499.1	477.0
Belgium (French)	344	280	61.8	38.2	4.4	13.8	482.7	483.6	487.7	464.6
Bosnia & Herzegovina	236	167	59.0	41.0	8.1	20.2	451.5	448.1	456.5	438.8
Brazil	1047	881	94.7	5.3	14.3	1.5	427.8	407.1	413.6	439.3
Bulgaria	208	199	50.0	50.0	3.1	1.0	524.5	538.9	469.3	515.0
Canada	917	778	55.8	44.2	6.9	8.9	520.5	522.0	528.2	515.0
Chile	178	157	79.6	20.4	4.0	7.1	480.0	476.8	492.2	471.0
Chinese Taipei	238	232	84.8	15.2	2.8	0.0	572.7	571.6	573.9	.
Cyprus	267	259	62.9	37.1	2.5	0.8	485.1	490.6	485.3	471.0
Czech Republic	344	330	48.2	51.8	3.3	1.1	529.9	523.6	501.6	525.8
Denmark	278	168	45.6	54.4	19.0	19.1	520.9	524.7	519.9	521.6
England	178	115	59.4	40.6	9.5	22.4	560.2	553.6	561.3	550.5
Finland	369	349	43.8	56.2	1.6	2.7	544.5	542.4	521.0	509.7
France	306	239	63.9	36.1	4.9	16.4	491.2	484.5	493.5	483.4
Georgia	218	205	56.7	43.3	6.4	0.0	466.4	465.3	451.0	.
Germany	243	179	46.5	53.5	11.0	13.5	521.6	509.6	514.4	517.8
Hong Kong SAR	182	120	61.9	38.1	1.4	31.3	535.7	551.1	561.8	552.3
Hungary	263	212	45.9	54.1	1.4	15.7	532.4	515.8	502.6	530.6
Iran, Islamic Rep. of	224	219	59.9	40.1	2.4	0.0	439.6	423.1	395.4	.
Ireland	239	230	78.1	21.9	3.4	0.4	531.8	529.7	547.2	537.9
Italy	266	254	54.1	45.9	3.5	0.7	513.9	508.7	485.2	504.4
Japan	142	136	75.1	24.9	3.3	1.6	554.3	555.2	556.5	568.6
Jordan	224	203	55.3	44.7	8.6	0.3	416.0	418.5	426.8	336.1
Kazakhstan	303	218	69.1	30.9	24.6	1.3	470.1	468.4	456.5	484.2
Korea, Rep. of	199	173	62.5	37.5	5.3	7.5	584.1	585.5	574.3	574.2
Kosovo	231	186	78.1	21.9	11.0	9.5	408.5	391.9	405.0	386.5
Kuwait	164	159	62.2	37.8	2.4	0.7	367.2	387.0	283.5	495.2
Latvia	213	201	53.0	47.0	2.1	3.5	526.2	527.1	504.4	508.8
Lithuania	250	240	66.9	33.1	3.1	0.5	536.6	539.0	516.0	572.4
Macao SAR	275	271	86.8	13.2	0.8	0.0	536.9	528.6	536.3	.
Montenegro	338	313	47.9	52.1	3.8	4.0	458.3	462.5	455.4	469.7
Morocco	303	271	77.1	22.9	5.1	5.3	384.3	409.5	419.4	365.5
Netherlands	188	109	39.5	60.5	6.8	32.9	517.4	518.3	505.7	517.3
New Zealand	396	195	68.7	31.3	5.4	44.3	528.7	520.4	511.9	507.1
North Macedonia	274	186	55.6	44.4	6.9	25.2	439.3	441.5	441.7	433.4
Norway (5)	314	217	50.3	49.7	5.7	23.5	530.8	535.1	526.9	523.8
Oman	287	259	65.4	34.6	7.9	2.1	420.9	448.8	456.4	433.7
Poland	267	261	41.3	58.7	2.3	0.7	551.4	548.5	548.9	572.0
Portugal	321	308	54.2	45.8	2.8	0.8	511.8	508.7	518.4	510.7
Qatar	283	251	52.1	47.9	8.7	2.3	482.5	461.9	448.0	543.2
Romania	188	116	52.5	47.5	5.5	34.2	534.9	537.1	493.0	514.4
Saudi Arabia	217	155	49.3	50.7	17.1	10.5	416.5	433.5	430.5	439.7
Serbia	213	205	53.7	46.3	4.0	0.0	512.4	508.0	497.5	.
Singapore	362	356	73.1	26.9	1.4	0.3	608.4	604.4	611.3	585.9
Slovak Republic	269	265	62.6	37.4	2.0	0.0	523.2	515.6	530.9	.
Slovenia	269	254	61.9	38.1	3.8	1.6	527.2	521.7	532.3	543.1
South Africa (5)	287	200	84.1	15.9	5.5	24.8	288.0	395.8	347.8	307.0
Spain	582	542	68.2	31.8	4.4	2.0	502.9	506.9	497.2	512.4
Sweden	250	201	57.0	43.0	6.0	12.8	532.3	536.1	523.4	527.7
Turkiye (5)	171	164	53.9	46.1	4.3	0.0	567.0	573.3	575.5	.
United Arab Emirates	1435	1189	58.8	41.2	6.2	8.7	499.8	493.1	476.0	488.1
United States	495	459	53.4	46.6	4.4	3.5	528.3	538.4	524.0	527.0
Uzbekistan	168	142	75.8	24.2	13.6	2.0	411.6	411.3	412.7	420.6
International Avg. (58)	17865	15058	60.7	39.3	6.4	9.0	494.7	496.6	489.1	492.5
Ontario, Canada	286	223	58.6	41.4	8.7	11.4	521.4	529.7	542.2	515.2
Quebec, Canada	215	187	43.7	56.3	4.4	7.1	504.7	509.4	506.5	509.8
Abu Dhabi, UAE	553	456	61.2	38.8	6.9	8.0	450.4	447.6	415.9	438.4
Dubai, UAE	359	298	58.9	41.1	5.0	8.9	573.0	558.5	523.6	539.5
Sharjah, UAE	284	232	62.4	37.6	6.8	11.1	506.6	493.4	537.5	490.2

Question: In the past two years, have you participated in professional development in any of the following? Science assessment
Location: TQS-12Af (ATBS12AF)

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
Albania	123	89	42.0	58.0	8.0	17.7	491.0	480.9	505.2	507.0
Armenia	211	185	42.1	57.9	8.4	1.9	457.4	457.8	452.8	461.0
Australia	347	237	8.7	91.3	4.9	26.9	542.3	551.9	550.9	545.2
Azerbaijan	271	210	45.9	54.1	9.1	12.8	414.1	429.4	416.1	420.6
Bahrain	212	210	56.2	43.8	0.6	0.0	486.3	460.6	464.8	.
Belgium (Flemish)	278	210	5.7	94.3	2.6	19.7	492.1	491.1	494.6	477.0
Belgium (French)	344	285	4.6	95.4	3.4	13.7	460.9	483.6	501.2	464.2
Bosnia & Herzegovina	236	170	14.4	85.6	7.2	20.2	450.6	449.6	461.3	438.8
Brazil	1047	892	27.1	72.9	12.6	1.5	423.3	428.4	409.6	439.3
Bulgaria	208	201	15.3	84.7	2.9	1.0	542.1	530.3	450.3	515.0
Canada	917	790	8.8	91.2	5.6	8.9	525.0	521.1	525.5	515.0
Chile	178	159	9.9	90.1	2.6	7.1	485.3	478.5	503.5	471.0
Chinese Taipei	238	236	39.3	60.7	1.1	0.0	576.3	570.1	580.1	.
Cyprus	267	262	33.1	66.9	1.3	0.8	493.4	484.0	488.0	471.0
Czech Republic	344	334	6.6	93.4	2.3	1.1	532.4	526.1	498.9	525.8
Denmark	278	178	2.8	97.2	15.6	19.1	539.2	522.5	519.4	521.6
England	178	127	32.1	67.9	3.0	22.2	559.2	558.0	546.8	550.6
Finland	369	351	5.2	94.8	1.0	2.7	530.8	543.8	526.2	509.7
France	306	243	1.4	98.6	3.8	16.4	484.0	488.4	503.7	483.4
Georgia	218	217	41.8	58.2	0.8	0.0	464.1	464.8	515.5	.
Germany	243	187	5.1	94.9	8.0	13.5	530.3	514.4	514.7	517.8
Hong Kong SAR	182	120	34.9	65.1	1.5	31.3	553.9	534.3	581.2	552.3
Hungary	263	214	4.4	95.6	1.1	15.4	501.3	524.7	486.4	529.8
Iran, Islamic Rep. of	224	223	50.0	50.0	0.5	0.0	431.8	433.2	355.7	.
Ireland	239	235	5.5	94.5	1.6	0.4	531.8	531.8	534.2	537.9
Italy	266	260	20.5	79.5	1.4	0.7	515.3	509.6	500.1	504.4
Japan	142	137	18.1	81.9	2.4	1.6	553.4	554.7	562.2	568.6
Jordan	224	213	43.9	56.1	3.9	0.3	420.8	417.0	400.6	336.1
Kazakhstan	303	231	58.7	41.3	22.4	1.3	460.1	484.1	453.6	484.2
Korea, Rep. of	199	173	28.7	71.3	5.3	7.5	586.5	583.8	574.3	574.2
Kosovo	231	194	23.8	76.2	8.0	9.5	387.6	410.7	401.4	386.5
Kuwait	164	160	72.4	27.6	1.9	0.7	373.0	373.6	337.8	495.2
Latvia	213	205	47.2	52.8	0.6	3.5	524.6	527.5	524.8	508.8
Lithuania	250	244	24.6	75.4	1.2	0.5	533.4	538.0	528.9	572.4
Macao SAR	275	273	37.7	62.3	0.3	0.0	544.9	530.6	461.4	.
Montenegro	338	316	16.9	83.1	3.6	4.0	460.5	460.4	457.0	469.7
Morocco	303	270	43.6	56.4	5.2	5.3	376.7	401.3	410.0	365.6
Netherlands	188	110	3.4	96.6	6.1	32.9	489.6	518.7	507.3	517.3
New Zealand	396	201	3.3	96.7	3.7	44.3	502.7	526.0	517.3	507.1
North Macedonia	274	191	25.2	74.8	6.1	25.2	454.9	438.5	414.8	433.4
Norway (5)	314	220	1.9	98.1	4.4	23.2	549.5	532.7	525.5	523.2
Oman	287	267	55.4	44.6	4.6	2.1	437.5	424.7	449.2	433.7
Poland	267	261	29.2	70.8	2.1	0.7	550.5	549.4	548.9	572.0
Portugal	321	312	12.7	87.3	1.6	0.8	503.8	511.2	531.2	510.7
Qatar	283	274	56.2	43.8	1.6	2.3	461.7	478.7	549.7	543.2
Romania	188	119	16.4	83.6	3.5	34.2	538.1	532.1	518.8	514.4
Saudi Arabia	217	176	47.0	53.0	8.1	10.1	433.7	422.9	412.8	436.0
Serbia	213	206	15.7	84.3	3.9	0.0	511.1	511.3	476.0	.
Singapore	362	358	63.2	36.8	0.9	0.3	607.1	608.3	595.8	585.9
Slovak Republic	269	268	18.0	82.0	0.7	0.0	521.5	520.4	516.0	.
Slovenia	269	259	12.2	87.8	1.7	1.6	518.1	526.6	514.9	543.1
South Africa (5)	287	211	67.0	33.0	2.0	24.9	299.2	325.3	329.1	306.5
Spain	582	551	23.8	76.2	3.6	2.0	496.1	506.6	498.6	512.4
Sweden	250	206	24.2	75.8	4.1	12.8	536.0	533.7	512.8	527.7
Turkiye (5)	171	168	28.6	71.4	1.9	0.0	576.4	566.7	602.1	.
United Arab Emirates	1435	1251	69.3	30.7	2.8	8.7	497.9	494.2	457.2	488.4
United States	495	469	20.0	80.0	2.3	3.5	528.4	533.1	550.7	527.0
Uzbekistan	168	157	78.1	21.9	4.9	2.0	413.9	403.7	411.7	420.6
International Avg. (58)	17865	15476	28.4	71.6	4.1	9.0	494.2	495.1	490.3	492.4
Ontario, Canada	286	228	10.2	89.8	7.1	11.4	536.2	524.6	535.2	515.2
Quebec, Canada	215	188	5.8	94.2	3.6	7.1	503.8	507.2	514.4	509.8
Abu Dhabi, UAE	553	485	64.3	35.7	2.8	8.0	441.1	462.3	388.6	438.0
Dubai, UAE	359	305	66.4	33.6	2.5	8.9	568.5	558.5	545.8	539.5
Sharjah, UAE	284	244	76.5	23.5	2.7	10.9	511.3	486.2	464.4	491.7

Question: Do you need future professional development in any of the following? Science assessment
 Location: TQS-12Bf (ATBS12BF)

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
Albania	123	85	50.6	49.4	9.8	17.7	492.7	481.5	486.3	507.0
Armenia	211	179	70.9	29.1	11.5	1.9	460.6	450.0	454.9	461.0
Australia	347	235	68.1	31.9	6.3	26.9	552.9	549.5	543.4	545.2
Azerbaijan	271	182	53.0	47.0	21.0	12.8	413.3	436.8	413.5	420.6
Bahrain	212	199	54.5	45.5	7.6	0.0	466.4	486.3	469.0	.
Belgium (Flemish)	278	204	32.3	67.7	4.3	19.7	492.2	490.2	499.1	477.0
Belgium (French)	344	279	37.0	63.0	4.7	13.8	480.4	484.3	490.0	464.6
Bosnia & Herzegovina	236	168	35.9	64.1	8.1	20.2	455.9	446.8	456.6	438.8
Brazil	1047	879	92.5	7.5	15.2	1.5	424.7	441.4	418.7	439.3
Bulgaria	208	199	16.3	83.7	3.1	1.0	534.4	531.1	469.3	515.0
Canada	917	777	47.3	52.7	6.8	8.9	521.0	521.4	528.5	515.0
Chile	178	158	77.0	23.0	3.3	7.1	477.7	485.3	491.9	471.0
Chinese Taipei	238	231	76.4	23.6	3.4	0.0	573.9	567.5	578.6	.
Cyprus	267	256	54.8	45.2	4.2	0.8	487.1	488.2	476.1	471.0
Czech Republic	344	331	26.4	73.6	2.9	1.1	532.0	524.7	500.1	525.8
Denmark	278	167	41.0	59.0	19.5	19.1	519.4	525.8	519.2	521.6
England	178	116	53.2	46.8	8.6	22.4	557.9	556.8	563.1	550.5
Finland	369	348	23.8	76.2	1.7	2.7	543.5	543.2	524.3	509.7
France	306	240	50.5	49.5	4.6	16.4	492.2	484.5	500.3	483.4
Georgia	218	203	56.6	43.4	7.1	0.0	469.9	459.5	458.8	.
Germany	243	180	28.8	71.2	10.9	13.5	512.2	516.5	514.0	517.8
Hong Kong SAR	182	120	58.8	41.2	1.4	31.3	537.7	547.1	561.8	552.3
Hungary	263	209	20.6	79.4	2.2	15.7	519.6	524.5	505.7	530.6
Iran, Islamic Rep. of	224	219	54.4	45.6	2.4	0.0	438.5	426.4	395.4	.
Ireland	239	233	59.3	40.7	2.0	0.4	532.3	530.7	542.1	537.9
Italy	266	253	42.8	57.2	3.7	0.7	516.3	507.8	489.0	504.4
Japan	142	136	60.9	39.1	3.3	1.6	555.3	553.4	556.5	568.6
Jordan	224	207	51.5	48.5	7.2	0.3	418.0	416.6	426.3	336.1
Kazakhstan	303	216	68.9	31.1	25.1	1.3	467.8	474.2	456.0	484.2
Korea, Rep. of	199	173	48.2	51.8	5.3	7.5	583.5	585.6	574.3	574.2
Kosovo	231	185	68.2	31.8	11.3	9.5	408.9	395.6	406.0	386.5
Kuwait	164	157	55.7	44.3	3.8	0.7	373.0	373.6	351.8	495.2
Latvia	213	199	50.1	49.9	2.7	3.5	520.7	532.5	510.2	508.8
Lithuania	250	240	65.1	34.9	3.1	0.5	538.3	535.7	516.0	572.4
Macao SAR	275	272	84.8	15.2	0.5	0.0	538.2	522.6	529.1	.
Montenegro	338	312	49.3	50.7	4.4	4.0	451.1	469.6	457.1	469.7
Morocco	303	272	73.9	26.1	4.4	5.3	386.0	401.0	426.4	365.5
Netherlands	188	109	14.7	85.3	6.8	32.9	521.8	517.3	505.7	517.3
New Zealand	396	194	69.1	30.9	5.6	44.3	531.9	513.1	512.2	507.1
North Macedonia	274	188	46.5	53.5	6.2	25.2	433.3	446.4	441.9	433.4
Norway (5)	314	217	38.8	61.2	5.7	23.5	535.7	531.2	526.9	523.8
Oman	287	258	62.9	37.1	8.4	2.1	422.1	445.1	453.8	433.7
Poland	267	261	21.1	78.9	2.3	0.7	549.9	549.7	548.9	572.0
Portugal	321	308	36.3	63.7	2.8	0.8	514.4	508.1	518.4	510.7
Qatar	283	254	44.5	55.5	8.2	2.3	490.8	458.8	442.2	543.2
Romania	188	116	43.7	56.3	5.5	34.2	534.0	537.5	493.0	514.4
Saudi Arabia	217	154	43.1	56.9	17.5	10.5	421.8	428.6	428.3	439.7
Serbia	213	205	39.3	60.7	3.7	0.0	500.5	516.5	501.4	.
Singapore	362	356	58.5	41.5	1.4	0.3	607.7	606.9	611.3	585.9
Slovak Republic	269	264	38.1	61.9	3.0	0.0	520.9	519.7	535.2	.
Slovenia	269	255	58.6	41.4	3.6	1.6	526.3	523.4	531.6	543.1
South Africa (5)	287	200	80.3	19.7	5.8	24.8	289.4	369.5	344.1	307.2
Spain	582	541	59.6	40.4	4.6	2.0	502.5	506.7	496.8	512.4
Sweden	250	200	53.3	46.7	6.2	12.8	534.3	533.8	522.7	527.7
Turkiye (5)	171	164	43.9	56.1	4.3	0.0	564.0	574.5	575.5	.
United Arab Emirates	1435	1193	50.0	50.0	6.2	8.7	501.6	493.5	469.1	488.2
United States	495	458	46.5	53.5	4.6	3.5	527.8	537.6	524.3	527.0
Uzbekistan	168	140	70.8	29.2	15.0	2.0	411.3	412.5	412.1	420.6
International Avg. (58)	17865	15054	51.4	48.6	6.5	9.0	494.6	496.5	490.6	492.6
Ontario, Canada	286	222	50.3	49.7	8.9	11.4	523.4	526.3	542.1	515.2
Quebec, Canada	215	187	41.2	58.8	4.4	7.1	513.2	503.3	506.5	509.8
Abu Dhabi, UAE	553	458	53.2	46.8	7.1	8.0	464.3	434.5	404.4	438.3
Dubai, UAE	359	299	47.4	52.6	4.8	8.9	568.8	565.6	520.9	539.5
Sharjah, UAE	284	232	55.6	44.4	6.8	11.1	505.3	497.1	537.5	490.2

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs
Location: TQS-12Ag (ATBS12AG)

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
Albania	123	87	41.9	58.1	9.5	17.7	498.5	476.6	497.0	507.0
Armenia	211	187	60.9	39.1	7.3	1.9	457.3	459.1	447.6	461.0
Australia	347	237	35.4	64.6	4.9	26.9	551.7	550.8	550.9	545.2
Azerbaijan	271	209	50.7	49.3	10.0	12.8	421.3	423.4	417.3	420.6
Bahrain	212	209	53.9	46.1	1.1	0.0	483.2	464.7	507.7	.
Belgium (Flemish)	278	208	17.9	82.1	2.9	19.7	494.2	491.1	480.8	477.0
Belgium (French)	344	285	7.4	92.6	3.4	13.7	475.1	483.2	501.2	464.2
Bosnia & Herzegovina	236	170	18.6	81.4	7.2	20.2	449.4	449.8	461.3	438.8
Brazil	1047	888	32.6	67.4	13.0	1.5	423.4	429.0	409.1	439.3
Bulgaria	208	202	28.8	71.2	2.2	1.0	537.6	529.2	446.4	515.0
Canada	917	788	20.9	79.1	6.0	8.9	528.0	519.8	525.0	515.0
Chile	178	157	41.1	58.9	4.0	7.1	483.6	476.2	495.2	471.0
Chinese Taipei	238	237	45.0	55.0	0.6	0.0	575.5	570.3	570.8	.
Cyprus	267	262	24.8	75.2	1.3	0.8	489.2	486.4	488.0	471.0
Czech Republic	344	334	32.2	67.8	2.3	1.1	525.4	527.0	498.9	525.8
Denmark	278	176	7.6	92.4	16.1	19.1	519.4	522.7	521.3	521.6
England	178	125	36.8	63.2	4.5	22.2	553.9	561.6	544.4	550.6
Finland	369	350	13.0	87.0	2.0	2.7	530.1	544.8	546.9	509.7
France	306	243	7.9	92.1	3.8	16.4	502.2	487.2	503.7	483.4
Georgia	218	216	44.9	55.1	1.4	0.0	467.2	464.3	419.7	.
Germany	243	187	6.7	93.3	7.8	13.5	519.0	514.8	515.5	517.8
Hong Kong SAR	182	120	59.5	40.5	1.5	31.3	544.0	537.0	581.2	552.3
Hungary	263	213	24.9	75.1	1.5	15.4	513.3	526.9	507.0	529.8
Iran, Islamic Rep. of	224	221	52.8	47.2	1.3	0.0	429.2	436.3	401.4	.
Ireland	239	235	21.8	78.2	1.6	0.4	525.7	533.6	534.2	537.9
Italy	266	260	28.7	71.3	1.4	0.7	511.5	510.4	500.1	504.4
Japan	142	137	19.4	80.6	2.4	1.6	564.5	552.0	562.2	568.6
Jordan	224	212	46.1	53.9	4.4	0.3	425.7	412.9	399.4	336.1
Kazakhstan	303	232	60.0	40.0	21.9	1.3	459.4	480.7	460.6	484.2
Korea, Rep. of	199	173	23.9	76.1	5.3	7.5	590.3	582.8	574.3	574.2
Kosovo	231	193	18.0	82.0	8.5	9.5	391.5	408.2	401.9	386.5
Kuwait	164	160	75.9	24.1	1.9	0.7	379.2	356.3	311.4	495.2
Latvia	213	205	38.3	61.7	0.6	3.5	518.5	530.9	524.8	508.8
Lithuania	250	241	34.2	65.8	2.3	0.5	524.3	543.1	539.9	572.4
Macao SAR	275	271	62.8	37.2	1.4	0.0	533.6	540.2	519.3	.
Montenegro	338	312	19.1	80.9	3.8	4.0	451.8	462.4	459.0	469.7
Morocco	303	269	59.3	40.7	6.5	5.3	377.5	407.2	418.7	365.6
Netherlands	188	110	9.1	90.9	6.1	32.9	499.3	519.5	507.3	517.3
New Zealand	396	198	19.9	80.1	3.8	44.6	518.5	526.8	517.4	507.4
North Macedonia	274	190	31.5	68.5	5.4	25.2	446.1	439.7	423.9	433.4
Norway (5)	314	220	4.5	95.5	4.4	23.2	540.4	532.7	525.5	523.2
Oman	287	267	50.4	49.6	4.9	2.1	434.5	429.6	443.2	433.7
Poland	267	261	59.1	40.9	2.1	0.7	551.0	547.8	548.9	572.0
Portugal	321	310	22.8	77.2	2.2	0.8	512.3	509.8	521.7	510.7
Qatar	283	272	65.8	34.2	2.1	2.3	465.6	477.9	501.3	543.2
Romania	188	118	48.1	51.9	3.9	34.2	537.4	529.4	517.9	514.4
Saudi Arabia	217	176	56.4	43.6	8.0	10.1	433.0	419.9	420.1	436.0
Serbia	213	208	40.9	59.1	2.8	0.0	505.4	513.4	502.1	.
Singapore	362	358	49.8	50.2	0.9	0.3	606.6	608.4	595.8	585.9
Slovak Republic	269	268	25.2	74.8	0.7	0.0	517.6	521.6	516.0	.
Slovenia	269	259	24.7	75.3	1.7	1.6	527.3	525.0	514.9	543.1
South Africa (5)	287	214	56.6	43.4	2.1	24.0	313.9	299.6	329.6	306.7
Spain	582	551	44.0	56.0	3.4	2.0	503.9	504.3	497.5	512.4
Sweden	250	206	16.4	83.6	4.1	12.8	537.3	533.6	512.8	527.7
Turkiye (5)	171	164	28.2	71.8	4.1	0.0	573.3	569.5	559.0	.
United Arab Emirates	1435	1247	75.4	24.6	3.2	8.7	500.2	486.8	458.9	488.4
United States	495	469	31.1	68.9	2.3	3.5	533.4	531.6	550.7	527.0
Uzbekistan	168	156	75.5	24.5	5.5	2.0	413.1	408.7	406.5	420.6
International Avg. (58)	17865	15433	36.4	63.6	4.3	9.0	494.7	494.6	489.9	492.5
Ontario, Canada	286	225	21.4	78.6	8.0	11.4	529.9	524.8	533.4	515.2
Quebec, Canada	215	189	12.2	87.8	3.5	7.1	503.9	507.5	513.8	509.8
Abu Dhabi, UAE	553	482	69.5	30.5	3.7	8.0	450.0	443.2	420.8	438.0
Dubai, UAE	359	305	71.4	28.6	2.7	8.9	568.1	558.6	540.2	539.5
Sharjah, UAE	284	243	84.7	15.3	2.8	10.9	511.4	477.8	441.1	491.7

Question: Do you need future professional development in any of the following? Addressing individual students' needs
 Location: TQS-12Bg (ATBS12BG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	84	46.2	53.8	10.3	17.7	488.5	486.1	485.9	507.0
Armenia	211	179	69.2	30.8	11.6	1.9	458.1	456.2	454.9	461.0
Australia	347	235	58.7	41.3	6.3	26.9	550.6	553.6	543.4	545.2
Azerbaijan	271	177	50.5	49.5	22.5	12.8	416.0	431.7	415.9	420.6
Bahrain	212	199	60.1	39.9	7.6	0.0	470.4	483.2	469.0	.
Belgium (Flemish)	278	203	33.8	66.2	4.5	19.7	491.9	490.3	498.4	477.0
Belgium (French)	344	277	44.9	55.1	5.4	13.8	478.1	487.1	486.7	464.6
Bosnia & Herzegovina	236	167	48.4	51.6	8.1	20.2	450.7	449.5	456.5	438.8
Brazil	1047	882	94.0	6.0	14.3	1.5	427.6	413.4	413.6	439.3
Bulgaria	208	199	33.9	66.1	3.1	1.0	529.6	532.7	469.3	515.0
Canada	917	775	42.1	57.9	7.3	8.9	523.0	519.8	528.5	515.0
Chile	178	156	72.9	27.1	4.8	7.1	477.2	483.3	498.4	471.0
Chinese Taipei	238	232	73.9	26.1	2.8	0.0	574.1	568.1	573.9	.
Cyprus	267	258	72.6	27.4	3.1	0.8	486.5	487.6	496.1	471.0
Czech Republic	344	328	30.5	69.5	3.8	1.1	526.4	526.4	512.2	525.8
Denmark	278	169	30.6	69.4	18.7	19.1	512.6	527.5	519.9	521.6
England	178	115	44.8	55.2	9.5	22.4	555.3	559.3	561.3	550.5
Finland	369	347	34.5	65.5	2.7	2.7	537.9	545.7	540.5	509.7
France	306	239	62.5	37.5	4.9	16.4	488.8	488.7	493.5	483.4
Georgia	218	203	58.4	41.6	7.1	0.0	466.4	463.8	460.1	.
Germany	243	182	34.8	65.2	10.3	13.5	511.7	516.2	518.6	517.8
Hong Kong SAR	182	120	65.0	35.0	1.4	31.3	537.1	549.9	561.8	552.3
Hungary	263	210	30.2	69.8	2.6	15.7	526.5	521.9	517.7	530.6
Iran, Islamic Rep. of	224	218	58.1	41.9	2.9	0.0	439.9	422.3	416.8	.
Ireland	239	233	54.7	45.3	2.0	0.4	534.9	527.8	542.1	537.9
Italy	266	253	52.9	47.1	3.7	0.7	511.0	512.3	484.2	504.4
Japan	142	136	68.3	31.7	3.3	1.6	554.2	555.2	556.5	568.6
Jordan	224	200	57.0	43.0	9.5	0.3	416.1	417.8	428.4	336.1
Kazakhstan	303	217	61.4	38.6	25.3	1.3	468.4	474.7	453.2	484.2
Korea, Rep. of	199	173	48.2	51.8	5.3	7.5	584.1	585.1	574.3	574.2
Kosovo	231	185	80.1	19.9	11.3	9.5	406.2	398.6	406.0	386.5
Kuwait	164	158	58.1	41.9	3.1	0.7	372.4	378.0	302.1	495.2
Latvia	213	199	52.3	47.7	3.4	3.5	523.5	530.5	507.8	508.8
Lithuania	250	238	64.9	35.1	3.9	0.5	536.6	538.9	521.9	572.4
Macao SAR	275	271	82.0	18.0	1.0	0.0	537.4	528.7	531.6	.
Montenegro	338	309	50.7	49.3	4.1	4.0	453.8	467.3	456.6	469.7
Morocco	303	270	79.4	20.6	5.9	5.3	382.3	416.4	426.7	365.5
Netherlands	188	109	22.7	77.3	6.8	32.9	519.1	517.6	505.7	517.3
New Zealand	396	195	58.6	41.4	5.4	44.3	528.9	522.0	511.9	507.1
North Macedonia	274	184	51.1	48.9	7.3	25.2	437.7	443.6	438.6	433.4
Norway (5)	314	216	45.3	54.7	6.3	23.5	534.5	532.0	525.1	523.8
Oman	287	259	66.4	33.6	7.9	2.1	420.0	451.4	456.4	433.7
Poland	267	260	26.2	73.8	2.6	0.7	551.7	549.0	548.2	572.0
Portugal	321	307	41.0	59.0	2.9	0.8	511.7	509.5	518.0	510.7
Qatar	283	247	51.2	48.8	10.4	2.3	484.9	458.0	459.2	543.2
Romania	188	114	47.8	52.2	6.8	34.2	535.6	533.8	512.5	514.4
Saudi Arabia	217	154	45.9	54.1	17.5	10.5	419.8	430.0	429.6	439.7
Serbia	213	201	46.5	53.5	5.5	0.0	509.6	513.4	479.7	.
Singapore	362	355	60.0	40.0	1.7	0.3	607.4	607.0	615.8	585.9
Slovak Republic	269	262	51.5	48.5	4.0	0.0	521.2	519.7	524.1	.
Slovenia	269	254	39.2	60.8	3.8	1.6	526.3	524.3	531.9	543.1
South Africa (5)	287	200	85.4	14.6	5.4	25.0	291.3	383.4	347.5	308.0
Spain	582	540	63.6	36.4	4.9	2.0	502.1	508.4	494.0	512.4
Sweden	250	201	58.8	41.2	6.0	12.8	532.6	535.9	523.4	527.7
Turkiye (5)	171	163	46.5	53.5	4.6	0.0	565.4	574.0	573.0	.
United Arab Emirates	1435	1191	55.6	44.4	6.3	8.7	497.8	496.1	476.2	488.2
United States	495	458	45.3	54.7	4.7	3.5	525.6	539.2	525.2	527.0
Uzbekistan	168	140	67.1	32.9	14.9	2.0	413.8	408.2	410.2	420.6
International Avg. (58)	17865	15006	54.1	45.9	6.8	9.0	493.8	497.4	491.2	492.6
Ontario, Canada	286	222	47.1	52.9	9.0	11.4	522.2	527.2	541.8	515.2
Quebec, Canada	215	186	28.3	71.7	5.4	7.1	507.8	507.2	506.8	509.8
Abu Dhabi, UAE	553	458	57.8	42.2	6.9	8.0	446.9	452.8	415.4	438.3
Dubai, UAE	359	298	56.7	43.3	5.0	8.9	572.1	560.4	523.6	539.5
Sharjah, UAE	284	232	59.5	40.5	6.8	11.1	503.3	499.2	537.5	490.2

Question: In the past two years, have you participated in professional development in any of the following? Integrating science with other subjects
(e.g., mathematics, technology)

Location: TQS-12Ah (ATBS12AH)

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
Albania	123	91	58.0	42.0	6.5	17.7	492.1	476.2	506.2	507.0
Armenia	211	188	59.6	40.4	6.9	1.9	458.9	457.0	445.6	461.0
Australia	347	237	16.9	83.1	4.9	26.9	548.1	551.7	550.9	545.2
Azerbaijan	271	209	43.3	56.7	10.2	12.8	416.4	426.9	417.4	420.6
Bahrain	212	208	61.3	38.7	1.7	0.0	475.8	470.7	544.6	.
Belgium (Flemish)	278	211	12.6	87.4	1.7	19.7	494.5	490.6	499.9	477.0
Belgium (French)	344	285	7.4	92.6	3.4	13.7	481.0	482.7	501.2	464.2
Bosnia & Herzegovina	236	170	14.2	85.8	7.2	20.2	453.4	449.1	461.3	438.8
Brazil	1047	887	31.0	69.0	12.8	1.5	426.3	427.5	409.2	439.3
Bulgaria	208	202	29.6	70.4	2.2	1.0	546.7	525.3	446.4	515.0
Canada	917	791	15.4	84.6	5.6	8.9	525.3	520.8	525.0	515.0
Chile	178	158	33.4	66.6	3.0	7.1	481.5	478.4	492.0	471.0
Chinese Taipei	238	237	37.7	62.3	0.6	0.0	574.5	571.5	570.8	.
Cyprus	267	261	17.9	82.1	1.9	0.8	499.2	484.1	505.4	471.0
Czech Republic	344	334	14.4	85.6	2.3	1.1	538.2	524.5	498.9	525.8
Denmark	278	178	6.0	94.0	15.6	19.1	519.4	523.2	519.4	521.6
England	178	126	30.7	69.3	3.9	22.2	550.4	562.2	546.3	550.6
Finland	369	351	3.0	97.0	1.0	2.7	518.5	543.9	526.2	509.7
France	306	243	4.3	95.7	3.8	16.4	498.4	487.9	503.7	483.4
Georgia	218	216	39.1	60.9	1.5	0.0	467.4	463.1	477.4	.
Germany	243	189	7.6	92.4	7.1	13.5	510.2	515.7	513.7	517.8
Hong Kong SAR	182	120	39.2	60.8	1.5	31.3	543.6	539.6	581.2	552.3
Hungary	263	213	7.0	93.0	1.9	15.4	516.7	524.2	501.9	529.8
Iran, Islamic Rep. of	224	223	46.8	53.2	0.5	0.0	433.9	431.2	355.7	.
Ireland	239	234	17.4	82.6	1.8	0.4	534.6	531.2	535.9	537.9
Italy	266	260	20.4	79.6	1.4	0.7	515.2	509.6	500.1	504.4
Japan	142	136	5.9	94.1	3.0	1.6	565.9	553.6	563.9	568.6
Jordan	224	214	53.4	46.6	4.2	0.3	424.1	412.0	406.3	336.1
Kazakhstan	303	231	51.3	48.7	21.4	1.3	469.2	467.5	458.8	484.2
Korea, Rep. of	199	173	26.4	73.6	5.3	7.5	588.5	583.2	574.3	574.2
Kosovo	231	192	20.0	80.0	8.6	9.5	383.8	410.3	403.0	386.5
Kuwait	164	160	68.5	31.5	1.7	0.7	378.8	359.6	355.7	495.2
Latvia	213	205	44.6	55.4	0.6	3.5	523.6	528.2	524.8	508.8
Lithuania	250	244	42.6	57.4	1.2	0.5	534.7	538.5	528.9	572.4
Macao SAR	275	274	62.9	37.1	0.0	0.0	538.1	531.8	589.8	.
Montenegro	338	316	16.0	84.0	2.9	4.0	474.6	457.8	455.1	469.7
Morocco	303	270	45.2	54.8	5.0	5.3	380.5	398.0	419.3	365.6
Netherlands	188	110	9.8	90.2	6.1	32.9	524.4	516.9	507.3	517.3
New Zealand	396	201	23.7	76.3	3.7	44.3	517.0	527.8	517.3	507.1
North Macedonia	274	191	30.9	69.1	5.3	25.2	448.5	438.5	424.5	433.4
Norway (5)	314	220	5.5	94.5	4.4	23.2	536.8	532.8	525.5	523.2
Oman	287	267	47.0	53.0	4.9	2.1	437.0	427.8	441.9	433.7
Poland	267	261	21.9	78.1	2.1	0.7	552.0	549.1	548.9	572.0
Portugal	321	311	20.9	79.1	1.9	0.8	508.3	510.7	532.5	510.7
Qatar	283	273	66.3	33.7	2.4	2.3	462.4	483.8	505.6	543.2
Romania	188	119	31.4	68.6	3.5	34.2	534.1	532.7	518.8	514.4
Saudi Arabia	217	178	46.2	53.8	7.2	10.1	435.8	420.9	413.4	436.0
Serbia	213	207	26.1	73.9	3.6	0.0	507.4	512.1	482.0	.
Singapore	362	356	31.9	68.1	1.4	0.3	606.0	608.2	602.7	585.9
Slovak Republic	269	267	17.1	82.9	1.0	0.0	520.4	520.7	511.7	.
Slovenia	269	259	22.8	77.2	1.7	1.6	522.2	526.5	514.9	543.1
South Africa (5)	287	215	64.2	35.8	1.8	24.0	304.8	312.0	346.2	306.7
Spain	582	551	29.2	70.8	3.8	2.0	501.4	505.4	494.0	512.4
Sweden	250	206	11.8	88.2	4.1	12.8	533.8	534.3	512.8	527.7
Turkiye (5)	171	165	27.9	72.1	3.5	0.0	570.0	569.5	582.9	.
United Arab Emirates	1435	1253	71.2	28.8	2.6	8.7	494.3	502.5	459.2	488.4
United States	495	469	23.1	76.9	2.3	3.5	525.7	534.1	550.7	527.0
Uzbekistan	168	157	81.6	18.4	4.9	2.0	414.6	399.1	411.7	420.6
International Avg. (58)	17865	15473	31.4	68.6	4.1	9.0	495.5	494.4	493.5	492.4
Ontario, Canada	286	228	18.0	82.0	7.1	11.4	532.4	524.4	535.2	515.2
Quebec, Canada	215	188	8.6	91.4	3.6	7.1	503.2	507.5	511.3	509.8
Abu Dhabi, UAE	553	485	66.3	33.7	2.8	8.0	439.6	466.4	388.6	438.0
Dubai, UAE	359	306	64.6	35.4	2.4	8.9	566.4	562.8	547.1	539.5
Sharjah, UAE	284	245	80.3	19.7	1.8	10.9	509.7	483.5	486.7	491.7

Question: Do you need future professional development in any of the following? Integrating science with other subjects (e.g., mathematics, technology)
 Location: TQS-12Bh (ATBS12BH)

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
Albania	123	85	44.2	55.8	9.8	17.7	490.3	484.7	486.3	507.0
Armenia	211	180	71.0	29.0	11.3	1.9	459.7	452.8	453.8	461.0
Australia	347	235	64.7	35.3	6.3	26.9	549.9	555.2	543.4	545.2
Azerbaijan	271	181	55.8	44.2	20.5	12.8	416.6	432.8	415.2	420.6
Bahrain	212	200	58.9	41.1	6.1	0.0	475.1	476.9	462.3	.
Belgium (Flemish)	278	204	48.2	51.8	4.3	19.7	488.6	492.9	499.1	477.0
Belgium (French)	344	279	64.0	36.0	4.8	13.8	482.8	483.3	488.7	464.6
Bosnia & Herzegovina	236	167	54.0	46.0	8.1	20.2	451.1	449.0	456.5	438.8
Brazil	1047	882	95.6	4.4	14.3	1.5	427.7	406.0	413.6	439.3
Bulgaria	208	197	44.3	55.7	3.8	1.0	511.1	547.6	487.1	515.0
Canada	917	780	58.3	41.7	6.6	8.9	521.1	521.3	528.4	515.0
Chile	178	156	81.3	18.7	4.8	7.1	480.3	472.8	498.4	471.0
Chinese Taipei	238	232	82.7	17.3	2.8	0.0	572.9	571.1	573.9	.
Cyprus	267	259	70.5	29.5	2.6	0.8	483.3	495.4	497.1	471.0
Czech Republic	344	330	40.4	59.6	3.2	1.1	529.8	524.7	498.6	525.8
Denmark	278	170	37.2	62.8	18.2	19.1	516.3	527.3	518.9	521.6
England	178	116	49.8	50.2	8.6	22.4	555.9	558.8	563.1	550.5
Finland	369	348	41.8	58.2	1.7	2.7	544.7	542.3	524.3	509.7
France	306	240	67.4	32.6	4.6	16.4	488.7	487.8	500.3	483.4
Georgia	218	204	67.3	32.7	6.4	0.0	466.8	464.0	451.6	.
Germany	243	180	45.9	54.1	11.3	13.5	512.2	516.4	519.4	517.8
Hong Kong SAR	182	120	67.1	32.9	1.4	31.3	537.8	549.3	561.8	552.3
Hungary	263	211	31.8	68.2	1.8	15.7	528.8	520.9	509.7	530.6
Iran, Islamic Rep. of	224	219	66.8	33.2	2.4	0.0	440.8	417.4	395.4	.
Ireland	239	233	67.0	33.0	2.0	0.4	532.6	529.8	542.1	537.9
Italy	266	254	61.7	38.3	3.6	0.7	513.9	507.3	489.2	504.4
Japan	142	136	48.0	52.0	3.3	1.6	555.6	553.6	556.5	568.6
Jordan	224	204	57.2	42.8	8.7	0.3	417.3	416.9	426.4	336.1
Kazakhstan	303	217	63.5	36.5	25.0	1.3	472.8	465.1	455.4	484.2
Korea, Rep. of	199	173	57.4	42.6	5.3	7.5	584.4	584.8	574.3	574.2
Kosovo	231	185	74.9	25.1	11.3	9.5	407.0	397.9	406.0	386.5
Kuwait	164	159	57.4	42.6	2.4	0.7	376.4	370.2	320.4	495.2
Latvia	213	200	49.6	50.4	3.5	3.5	524.0	531.7	481.5	508.8
Lithuania	250	238	61.6	38.4	3.5	0.5	539.4	534.1	519.6	572.4
Macao SAR	275	271	87.1	12.9	0.9	0.0	536.9	528.1	539.3	.
Montenegro	338	315	54.0	46.0	3.5	4.0	453.6	468.4	457.6	469.7
Morocco	303	269	78.2	21.8	5.3	5.3	386.8	404.8	407.3	365.5
Netherlands	188	109	38.1	61.9	6.8	32.9	512.6	521.3	505.7	517.3
New Zealand	396	195	69.9	30.1	5.4	44.3	528.0	521.6	511.9	507.1
North Macedonia	274	186	53.1	46.9	6.7	25.2	435.9	444.7	444.4	433.4
Norway (5)	314	214	56.2	43.8	6.6	23.5	536.5	528.2	528.3	523.8
Oman	287	258	71.4	28.6	8.4	2.1	425.6	444.6	449.5	433.7
Poland	267	261	32.7	67.3	2.3	0.7	548.4	550.3	548.9	572.0
Portugal	321	308	56.0	44.0	2.8	0.8	512.7	507.5	518.4	510.7
Qatar	283	252	47.1	52.9	8.3	2.3	495.0	453.5	442.5	543.2
Romania	188	116	51.9	48.1	5.5	34.2	536.4	535.4	493.0	514.4
Saudi Arabia	217	153	52.3	47.7	18.0	10.5	426.0	425.5	427.7	439.7
Serbia	213	205	56.2	43.8	3.7	0.0	510.4	510.9	491.1	.
Singapore	362	355	61.5	38.5	1.7	0.3	607.0	608.0	611.0	585.9
Slovak Republic	269	266	49.4	50.6	1.6	0.0	522.9	518.0	530.7	.
Slovenia	269	256	47.2	52.8	3.2	1.6	526.8	523.9	528.8	543.1
South Africa (5)	287	200	80.6	19.4	5.4	25.0	290.2	365.4	347.5	308.0
Spain	582	542	68.1	31.9	4.7	2.0	503.4	506.6	492.5	512.4
Sweden	250	201	52.5	47.5	6.0	12.8	532.4	535.7	523.4	527.7
Turkiye (5)	171	164	56.7	43.3	4.3	0.0	568.2	572.0	575.5	.
United Arab Emirates	1435	1189	54.4	45.6	6.5	8.7	501.8	491.8	473.8	488.2
United States	495	458	52.5	47.5	4.6	3.5	529.5	536.5	528.5	527.0
Uzbekistan	168	140	71.3	28.7	14.9	2.0	414.0	406.3	411.1	420.6
International Avg. (58)	17865	15057	58.7	41.3	6.4	9.0	494.8	495.7	489.8	492.6
Ontario, Canada	286	223	63.5	36.5	8.7	11.4	525.3	524.0	542.2	515.2
Quebec, Canada	215	187	51.7	48.3	4.4	7.1	507.8	506.9	506.5	509.8
Abu Dhabi, UAE	553	458	54.3	45.7	6.9	8.0	458.3	438.8	415.4	438.3
Dubai, UAE	359	298	53.2	46.8	5.0	8.9	569.4	564.4	523.6	539.5
Sharjah, UAE	284	230	65.7	34.3	7.8	11.1	506.5	495.2	522.8	490.2

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-12Ai (ATBS12AI)

Country	Sample	Valid N	1.Yes %	2.No %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Omitted Mean	Not Administered Mean
Albania	123	91	54.7	45.3	6.5	17.7	486.9	483.6	506.2	507.0
Armenia	211	188	46.0	54.0	6.9	1.9	460.2	456.3	445.6	461.0
Australia	347	236	13.0	87.0	5.4	26.9	548.4	550.9	557.3	545.2
Azerbaijan	271	208	43.4	56.6	10.0	12.8	413.1	429.4	417.5	420.6
Bahrain	212	208	53.8	46.2	1.7	0.0	480.0	466.5	544.6	.
Belgium (Flemish)	278	211	12.8	87.2	1.7	19.7	491.0	491.1	499.9	477.0
Belgium (French)	344	282	5.4	94.6	3.8	13.8	465.3	483.4	500.4	464.6
Bosnia & Herzegovina	236	168	9.8	90.2	7.8	20.2	446.3	450.1	460.3	438.8
Brazil	1047	891	31.8	68.2	12.7	1.5	422.9	429.1	409.4	439.3
Bulgaria	208	202	27.8	72.2	2.2	1.0	537.6	529.3	446.4	515.0
Canada	917	791	12.2	87.8	5.5	8.9	525.9	520.9	525.5	515.0
Chile	178	158	20.5	79.5	3.0	7.1	477.3	479.6	502.7	471.0
Chinese Taipei	238	237	46.9	53.1	0.6	0.0	575.5	570.1	570.8	.
Cyprus	267	260	19.7	80.3	2.1	0.8	492.0	485.6	498.9	471.0
Czech Republic	344	333	16.7	83.3	2.5	1.1	528.2	526.3	497.1	525.8
Denmark	278	177	6.6	93.4	16.0	19.1	527.7	522.9	518.1	521.6
England	178	126	20.2	79.8	3.9	22.2	557.0	559.0	546.3	550.6
Finland	369	350	4.3	95.7	1.3	2.7	507.6	544.7	533.7	509.7
France	306	243	10.2	89.8	3.8	16.4	487.4	488.5	503.7	483.4
Georgia	218	213	51.4	48.6	3.1	0.0	460.4	469.9	462.3	.
Germany	243	186	8.6	91.4	8.3	13.5	532.4	513.0	519.1	517.8
Hong Kong SAR	182	119	40.1	59.9	1.7	31.3	541.2	541.0	579.7	552.3
Hungary	263	213	12.4	87.6	1.3	15.4	514.7	525.1	487.3	529.8
Iran, Islamic Rep. of	224	223	46.2	53.8	0.5	0.0	431.7	433.2	355.7	.
Ireland	239	234	16.3	83.7	1.8	0.4	530.1	532.1	535.9	537.9
Italy	266	258	19.8	80.2	1.9	0.7	515.9	509.9	485.2	504.4
Japan	142	137	1.6	98.4	2.4	1.6	534.9	554.7	562.2	568.6
Jordan	224	213	45.2	54.8	4.5	0.3	426.3	412.2	404.7	336.1
Kazakhstan	303	231	49.9	50.1	21.7	1.3	456.0	482.3	456.2	484.2
Korea, Rep. of	199	173	35.6	64.4	5.3	7.5	588.9	582.2	574.3	574.2
Kosovo	231	193	18.1	81.9	8.1	9.5	390.4	408.5	401.0	386.5
Kuwait	164	160	68.1	31.9	1.9	0.7	371.0	376.3	361.5	495.2
Latvia	213	204	29.5	70.5	1.0	3.5	516.9	530.0	526.0	508.8
Lithuania	250	244	31.0	69.0	1.2	0.5	532.0	539.1	528.9	572.4
Macao SAR	275	273	44.3	55.7	0.5	0.0	542.4	530.9	486.9	.
Montenegro	338	315	14.1	85.9	3.9	4.0	463.2	459.9	457.8	469.7
Morocco	303	271	49.4	50.6	5.2	5.3	382.5	397.0	421.7	365.6
Netherlands	188	109	5.4	94.6	6.4	32.9	515.1	517.8	508.3	517.3
New Zealand	396	201	18.6	81.4	3.7	44.3	516.1	527.3	517.3	507.1
North Macedonia	274	191	29.6	70.4	5.6	25.2	456.6	435.4	424.5	433.4
Norway (5)	314	220	2.7	97.3	4.4	23.2	534.4	533.0	525.5	523.2
Oman	287	268	38.0	62.0	4.4	2.1	434.2	430.2	452.7	433.7
Poland	267	261	35.7	64.3	2.1	0.7	552.0	548.4	548.9	572.0
Portugal	321	311	25.1	74.9	1.9	0.8	511.7	510.0	520.5	510.7
Qatar	283	271	46.1	53.9	2.2	2.3	471.4	468.0	509.1	543.2
Romania	188	118	21.1	78.9	4.4	34.2	524.5	537.0	504.0	514.4
Saudi Arabia	217	178	46.9	53.1	7.2	10.1	444.2	413.3	413.4	436.0
Serbia	213	206	26.2	73.8	3.5	0.0	506.6	511.5	499.7	.
Singapore	362	358	27.1	72.9	0.9	0.3	607.2	607.6	595.8	585.9
Slovak Republic	269	267	17.7	82.3	0.8	0.0	514.8	521.8	526.9	.
Slovenia	269	257	21.6	78.4	2.5	1.6	518.6	527.4	520.1	543.1
South Africa (5)	287	213	43.9	56.1	2.2	24.2	296.1	316.5	325.1	307.6
Spain	582	549	26.3	73.7	4.0	2.0	497.4	506.3	502.7	512.4
Sweden	250	205	17.7	82.3	4.7	12.8	539.1	533.0	518.7	527.7
Turkiye (5)	171	167	51.6	48.4	2.7	0.0	568.2	571.6	578.8	.
United Arab Emirates	1435	1250	63.4	36.6	2.7	8.7	498.8	492.9	459.8	488.4
United States	495	468	11.9	88.1	2.3	3.5	524.8	533.3	545.9	527.0
Uzbekistan	168	156	75.2	24.8	5.8	2.0	415.3	399.2	417.4	420.6
International Avg. (58)	17865	15444	29.1	70.9	4.2	9.0	493.3	494.9	491.5	492.5
Ontario, Canada	286	228	16.3	83.7	7.1	11.4	532.4	524.5	535.2	515.2
Quebec, Canada	215	189	5.1	94.9	3.5	7.1	496.7	507.6	513.8	509.8
Abu Dhabi, UAE	553	483	53.9	46.1	2.8	8.0	446.8	450.8	390.2	438.1
Dubai, UAE	359	305	58.7	41.3	2.7	8.9	568.1	561.5	540.2	539.5
Sharjah, UAE	284	245	74.0	26.0	1.8	10.9	509.0	491.9	486.7	491.7

Question: Do you need future professional development in any of the following? Integrating environmentalism and sustainability into science instruction
 Location: TQS-12Bi (ATBS12BI)

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
Albania	123	83	46.0	54.0	11.5	17.7	491.9	484.2	482.8	507.0
Armenia	211	179	78.7	21.3	11.9	1.9	459.7	450.6	453.5	461.0
Australia	347	235	65.9	34.1	6.3	26.9	550.8	553.8	543.4	545.2
Azerbaijan	271	185	57.7	42.3	19.6	12.8	418.9	430.9	414.1	420.6
Bahrain	212	200	62.8	37.2	6.1	0.0	475.6	476.3	462.3	.
Belgium (Flemish)	278	204	35.7	64.3	4.3	19.7	486.4	493.3	499.1	477.0
Belgium (French)	344	280	56.3	43.7	4.4	13.8	479.8	487.2	487.7	464.6
Bosnia & Herzegovina	236	167	54.6	45.4	8.1	20.2	449.3	451.1	456.5	438.8
Brazil	1047	881	95.6	4.4	14.4	1.5	427.5	410.2	413.5	439.3
Bulgaria	208	196	43.4	56.6	4.2	1.0	513.0	545.3	494.4	515.0
Canada	917	778	53.6	46.4	7.0	8.9	521.2	521.1	528.7	515.0
Chile	178	157	85.0	15.0	4.1	7.1	479.8	476.0	494.4	471.0
Chinese Taipei	238	232	79.8	20.2	2.8	0.0	573.6	568.4	573.9	.
Cyprus	267	259	65.7	34.3	2.6	0.8	486.1	488.2	497.1	471.0
Czech Republic	344	330	41.2	58.8	3.2	1.1	532.5	523.0	494.6	525.8
Denmark	278	167	32.8	67.2	19.4	19.1	519.9	524.7	519.4	521.6
England	178	115	60.6	39.4	9.5	22.4	557.9	557.0	561.3	550.5
Finland	369	347	38.8	61.2	2.1	2.7	540.0	545.1	535.2	509.7
France	306	240	55.1	44.9	4.6	16.4	486.8	490.3	500.3	483.4
Georgia	218	206	60.3	39.7	5.6	0.0	470.6	457.1	459.8	.
Germany	243	183	49.5	50.5	9.5	13.5	514.2	516.3	514.0	517.8
Hong Kong SAR	182	120	61.0	39.0	1.4	31.3	534.9	552.0	561.8	552.3
Hungary	263	211	37.7	62.3	1.8	15.7	524.9	522.4	509.7	530.6
Iran, Islamic Rep. of	224	219	62.4	37.6	2.4	0.0	434.5	430.8	389.9	.
Ireland	239	232	61.9	38.1	2.2	0.4	531.4	532.2	539.5	537.9
Italy	266	254	60.1	39.9	3.6	0.7	512.3	510.0	489.2	504.4
Japan	142	136	57.7	42.3	3.3	1.6	554.9	554.1	556.5	568.6
Jordan	224	206	60.5	39.5	8.4	0.3	417.9	415.6	428.1	336.1
Kazakhstan	303	217	68.1	31.9	25.5	1.3	466.8	478.8	453.9	484.2
Korea, Rep. of	199	173	62.3	37.7	5.3	7.5	583.9	585.7	574.3	574.2
Kosovo	231	185	75.9	24.1	11.3	9.5	406.3	399.5	406.0	386.5
Kuwait	164	160	64.2	35.8	1.7	0.7	377.2	367.6	301.5	495.2
Latvia	213	199	50.0	50.0	3.9	3.5	525.0	530.8	485.2	508.8
Lithuania	250	240	62.7	37.3	3.1	0.5	536.8	538.4	516.0	572.4
Macao SAR	275	272	85.8	14.2	0.5	0.0	538.5	519.9	529.1	.
Montenegro	338	314	55.1	44.9	3.8	4.0	458.1	463.5	455.0	469.7
Morocco	303	272	83.1	16.9	4.7	5.3	387.2	403.6	423.3	365.5
Netherlands	188	109	24.4	75.6	6.8	32.9	514.8	519.0	505.7	517.3
New Zealand	396	195	71.1	28.9	5.4	44.3	529.4	518.0	511.9	507.1
North Macedonia	274	186	52.4	47.6	6.5	25.2	437.0	443.7	442.8	433.4
Norway (5)	314	217	44.4	55.6	5.7	23.5	536.1	530.4	526.9	523.8
Oman	287	258	74.5	25.5	8.4	2.1	425.8	446.2	450.3	433.7
Poland	267	261	33.4	66.6	2.3	0.7	550.3	549.4	548.9	572.0
Portugal	321	308	46.1	53.9	2.8	0.8	514.4	507.0	518.4	510.7
Qatar	283	254	65.5	34.5	7.9	2.3	479.3	460.7	442.9	543.2
Romania	188	116	60.4	39.6	5.5	34.2	540.8	528.5	493.0	514.4
Saudi Arabia	217	156	59.6	40.4	16.6	10.5	422.6	428.4	431.3	439.7
Serbia	213	205	54.4	45.6	3.7	0.0	513.3	507.3	491.1	.
Singapore	362	357	64.0	36.0	1.2	0.3	605.6	610.7	606.1	585.9
Slovak Republic	269	265	53.9	46.1	2.0	0.0	523.0	517.3	531.8	.
Slovenia	269	256	55.3	44.7	3.2	1.6	526.4	523.8	528.8	543.1
South Africa (5)	287	199	85.3	14.7	5.9	25.2	292.3	375.3	340.5	309.6
Spain	582	542	63.5	36.5	4.2	2.0	502.1	507.9	496.3	512.4
Sweden	250	201	50.9	49.1	6.0	12.8	530.1	537.9	523.4	527.7
Turkiye (5)	171	164	54.6	45.4	3.9	0.0	571.4	568.2	574.1	.
United Arab Emirates	1435	1194	61.6	38.4	6.1	8.7	501.8	489.9	472.3	488.2
United States	495	459	57.1	42.9	4.4	3.5	530.3	536.7	524.0	527.0
Uzbekistan	168	140	72.9	27.1	15.2	2.0	411.9	409.9	413.7	420.6
International Avg. (58)	17865	15076	59.2	40.8	6.3	9.0	494.6	496.1	489.3	492.6
Ontario, Canada	286	222	62.1	37.9	8.9	11.4	524.7	524.9	542.3	515.2
Quebec, Canada	215	187	40.8	59.2	4.4	7.1	510.0	505.6	506.5	509.8
Abu Dhabi, UAE	553	460	62.8	37.2	6.6	8.0	456.2	438.6	410.2	438.3
Dubai, UAE	359	299	62.9	37.1	4.8	8.9	574.7	554.1	520.9	539.5
Sharjah, UAE	284	231	63.4	36.6	6.9	11.1	502.8	501.0	531.1	490.2

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

Country	Sample	Valid N	1.Prim ary edu and sci %	2.Prim ary edu but no sci %	3.Sci but no primar y edu %	4.All other majors %	5.No formal edu beyond upper sec %	Not admini stered %	Omitte d %	1.Prim ary edu and sci Mean	2.Prim ary edu but no sci Mean	3.Sci but no primar y edu Mean	4.All other majors Mean	5.No formal edu beyond upper sec Mean	Not admini stered Mean	Omitte d Mean
Albania	123	85	35.7	49.8	0.0	1.2	13.3	0.0	27.3	487.4	482.1	.	529.1	497.2	.	501.4
Armenia	211	180	41.2	34.2	18.3	2.8	3.4	0.0	13.3	459.3	445.9	464.7	446.3	479.0	.	465.7
Australia	347	249	8.8	83.1	2.6	5.6	0.0	0.0	30.3	537.1	552.7	577.3	550.5	.	.	544.1
Azerbaijan	271	211	64.9	18.0	8.1	6.0	3.0	0.0	21.8	429.2	404.4	409.1	419.8	425.0	.	418.7
Bahrain	212	207	34.8	4.1	57.0	4.1	0.0	0.0	3.0	470.8	532.9	471.1	496.7	.	.	489.9
Belgium (Flemish)	278	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Belgium (French)	344	286	21.1	74.0	1.6	2.1	1.2	0.0	16.7	477.0	486.0	458.9	474.4	456.2	.	468.9
Bosnia & Herzegovina	236	165	44.9	51.2	1.7	2.2	0.0	0.0	28.4	451.0	446.6	459.1	452.4	.	.	446.9
Brazil	1047	983	38.4	45.2	2.4	8.7	5.4	0.0	5.5	430.1	419.7	398.9	437.2	422.0	.	428.4
Bulgaria	208	177	15.7	74.6	6.0	3.7	0.0	0.0	14.5	553.3	529.3	579.0	510.1	.	.	495.4
Canada	917	797	12.2	72.2	4.1	10.7	0.8	0.0	12.2	524.4	519.2	528.7	520.6	634.9	.	519.4
Chile	178	160	57.6	37.7	1.9	2.8	0.0	0.0	9.4	485.9	474.6	461.2	474.1	.	.	464.5
Chinese Taipei	238	232	35.4	31.3	15.0	18.3	0.0	0.0	2.5	577.6	572.0	575.2	562.3	.	.	569.5
Cyprus	267	251	26.9	71.1	1.6	0.3	0.0	0.0	6.3	490.1	483.5	535.4	528.6	.	.	497.8
Czech Republic	344	323	3.1	67.0	10.1	15.6	4.2	0.0	5.4	532.0	525.5	533.4	518.6	537.1	.	524.2
Denmark	278	195	21.0	20.6	20.1	30.1	8.1	0.0	29.5	518.1	519.7	519.8	522.4	525.0	.	525.7
England	178	124	17.9	58.3	5.8	15.5	2.5	0.0	26.0	566.7	554.1	568.0	554.0	547.7	.	554.5
Finland	369	351	4.8	84.0	1.1	8.0	2.0	0.0	4.7	546.8	542.8	541.4	546.4	539.0	.	518.7
France	306	241	12.5	24.7	23.2	38.5	1.1	0.0	20.3	487.1	494.7	497.6	480.5	475.7	.	485.8
Georgia	218	212	57.1	8.5	31.3	2.4	0.7	0.0	2.9	465.6	451.7	468.4	470.3	492.1	.	444.3
Germany	243	203	57.7	29.8	3.8	8.1	0.6	0.0	15.9	518.1	520.8	477.3	495.2	544.1	.	514.8
Hong Kong SAR	182	122	41.7	44.3	4.0	10.0	0.0	0.0	31.7	536.0	549.4	556.9	524.7	.	.	553.0
Hungary	263	189	10.6	86.1	1.7	1.6	0.0	0.0	26.1	511.3	525.3	498.4	387.9	.	.	532.9
Iran, Islamic Rep. of	224	212	24.0	27.2	12.4	31.2	5.2	0.0	5.5	422.2	436.2	445.4	435.4	404.2	.	432.7
Ireland	239	219	6.4	89.2	1.0	3.4	0.0	0.0	7.8	535.7	531.2	542.4	540.4	.	.	531.4
Italy	266	253	6.9	10.6	3.1	25.6	53.8	0.0	4.4	514.9	511.7	518.1	511.6	509.0	.	507.9
Japan	142	135	23.6	60.5	4.4	11.5	0.0	0.0	5.3	555.1	552.9	549.2	566.6	.	.	555.0
Jordan	224	215	15.0	2.2	71.7	8.0	3.0	0.0	3.3	410.0	401.8	420.3	426.1	392.1	.	410.4
Kazakhstan	303	273	65.3	30.1	0.9	0.2	3.5	0.0	9.7	456.2	493.2	476.5	533.7	406.2	.	471.9
Korea, Rep. of	199	181	18.0	79.1	2.1	0.8	0.0	0.0	8.3	586.5	581.7	621.2	633.2	.	.	576.8
Kosovo	231	188	37.8	51.5	5.1	4.0	1.5	0.0	18.6	404.4	413.4	399.8	390.9	340.2	.	384.9
Kuwait	164	155	46.6	8.2	44.3	0.8	0.0	0.0	6.3	364.7	397.6	369.1	482.5	.	.	417.4
Latvia	213	200	43.5	30.4	18.9	5.3	1.8	0.0	7.6	525.7	537.2	510.6	519.8	535.3	.	517.4
Lithuania	250	223	17.0	78.4	1.3	2.3	1.0	0.0	10.7	533.3	537.9	540.1	532.0	601.7	.	531.1
Macao SAR	275	270	25.6	40.9	10.1	23.4	0.0	0.0	1.8	540.3	528.5	552.3	539.6	.	.	495.7
Montenegro	338	310	46.7	40.2	5.6	7.5	0.0	0.0	7.8	461.9	459.0	459.1	461.9	.	.	462.2
Morocco	303	225	4.5	7.7	40.6	24.9	22.3	0.0	22.7	396.3	395.1	384.9	379.3	385.4	.	408.4
Netherlands	188	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
New Zealand	396	202	11.0	78.6	2.6	7.8	0.0	0.0	47.9	531.8	524.4	505.3	524.1	.	.	508.4
North Macedonia	274	166	35.1	45.6	2.6	15.0	1.7	0.0	39.4	434.9	452.0	452.3	423.9	416.4	.	434.7
Norway (5)	314	226	43.2	43.7	4.0	7.7	1.5	0.0	24.8	533.5	534.6	529.0	512.5	551.4	.	524.4
Oman	287	272	48.3	4.5	39.1	7.9	0.1	0.0	4.6	429.6	462.8	434.7	426.9	422.0	.	428.7
Poland	267	265	17.1	0.4	81.9	0.7	0.0	0.0	1.3	549.4	641.2	549.5	564.9	.	.	543.8
Portugal	321	313	36.4	61.4	1.9	0.3	0.0	0.0	2.3	510.6	509.4	522.5	527.1	.	.	532.0
Qatar	283	272	30.3	16.6	48.2	4.4	0.5	0.0	4.0	477.1	514.0	449.1	502.7	405.5	.	510.7
Romania	188	145	40.3	36.1	3.7	13.6	6.2	0.0	23.6	531.7	530.7	509.2	542.7	489.4	.	515.8
Saudi Arabia	217	189	33.6	8.9	34.8	21.2	1.6	0.0	12.7	417.0	412.4	441.6	421.3	437.4	.	436.0
Serbia	213	206	36.4	63.4	0.0	0.2	0.0	0.0	2.8	515.5	507.1	.	533.2	.	.	497.3
Singapore	362	355	53.6	7.2	29.0	10.2	0.0	0.0	2.0	608.7	607.0	603.9	610.9	.	.	603.1
Slovak Republic	269	252	21.3	66.9	4.4	6.4	1.0	0.0	6.6	518.7	520.7	518.3	526.2	467.8	.	528.5
Slovenia	269	256	10.6	88.5	0.5	0.3	0.0	0.0	4.9	525.9	525.6	519.7	551.7	.	.	525.6
South Africa (5)	287	226	42.1	18.9	12.7	13.1	13.2	0.0	21.8	322.3	325.1	273.5	290.7	283.2	.	310.0
Spain	582	554	27.7	65.2	0.3	6.7	0.2	0.0	3.8	501.3	506.3	502.0	499.4	508.4	.	493.5
Sweden	250	214	73.4	13.0	7.3	3.2	3.1	0.0	13.7	536.5	521.5	537.7	530.7	498.6	.	527.5
Turkiye (5)	171	170	47.4	0.6	48.1	4.0	0.0	0.0	0.3	568.1	602.5	572.7	560.1	.	.	544.4
United Arab Emirates	1435	1276	33.0	16.1	45.7	4.8	0.3	0.0	9.9	488.8	495.8	499.7	497.3	488.7	.	491.4
United States	495	462	9.6	72.8	4.0	13.5	0.0	0.0	6.8	533.8	534.6	517.4	529.8	.	.	522.4
Uzbekistan	168	152	64.7	25.6	5.5	1.5	2.8	0.0	10.1	415.9	402.8	411.1	439.1	398.6	.	409.4
International Avg. (56)	17865	15175	31.4	42.1	14.6	8.7	3.0	0.0	12.8	494.9	498.9	494.8	497.7	470.2	.	492.1
Ontario, Canada	286	230	17.2	62.2	6.7	13.8	0.1	0.0	17.3	527.8	526.8	519.7	521.5	455.7	.	523.3
Quebec, Canada	215	190	5.6	87.2	1.1	6.1	0.0	0.0	8.3	488.5	508.0	535.6	512.4	.	.	507.8
Abu Dhabi, UAE	553	499	33.8	19.5	41.6	4.4	0.6	0.0	8.5	438.4	447.2	455.7	420.1	516.2	.	436.7
Dubai, UAE	359	314	31.5	23.9	37.8	6.6	0.3	0.0	10.7	556.2	563.5	570.8	571.6	403.9	.	548.0
Sharjah, UAE	284	246	29.0	5.7	61.5	3.7	0.0	0.0	11.7	505.8	442.4	509.9	512.5	.	.	486.8

Question: Percent of Students Taught Life Science Topics
Location: Derived (ATDSLIF)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	91	23.2	0.0	83.2	36.4	54.5	54.5	72.7	90.9	100.0	100.0	100.0	100.0
Armenia	211	160	23.0	0.0	70.8	0.0	9.1	27.3	54.5	81.8	90.9	100.0	100.0	100.0
Australia	347	230	32.4	0.0	81.4	0.0	45.5	54.5	72.7	81.8	100.0	100.0	100.0	100.0
Azerbaijan	271	209	22.1	0.0	83.9	0.0	50.0	60.0	72.7	90.9	100.0	100.0	100.0	100.0
Bahrain	212	211	0.9	0.0	88.2	36.4	63.6	72.7	81.8	90.9	100.0	100.0	100.0	100.0
Belgium (Flemish)	278	207	22.4	0.0	62.0	0.0	18.2	27.3	45.5	63.6	81.8	90.9	90.9	100.0
Belgium (French)	344	276	19.2	0.0	54.9	0.0	18.2	27.3	45.5	54.5	63.6	81.8	90.9	100.0
Bosnia & Herzegovina	236	172	26.7	0.0	64.9	0.0	18.2	27.3	54.5	70.0	81.8	90.9	100.0	100.0
Brazil	1047	890	16.3	0.0	86.5	0.0	54.5	63.6	81.8	90.9	100.0	100.0	100.0	100.0
Bulgaria	208	202	2.3	0.0	90.7	45.5	72.7	81.8	81.8	90.9	100.0	100.0	100.0	100.0
Canada	917	790	14.1	0.0	78.9	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
Chile	178	161	8.6	0.0	87.3	0.0	54.5	63.6	81.8	100.0	100.0	100.0	100.0	100.0
Chinese Taipei	238	234	1.2	0.0	73.4	18.2	45.5	54.5	63.6	72.7	90.9	100.0	100.0	100.0
Cyprus	267	261	2.3	0.0	84.3	27.3	54.5	63.6	72.7	90.9	100.0	100.0	100.0	100.0
Czech Republic	344	338	1.5	0.0	79.2	36.4	54.5	63.6	72.7	81.8	90.9	100.0	100.0	100.0
Denmark	278	174	36.1	0.0	69.0	9.1	36.4	45.5	54.5	72.7	81.8	100.0	100.0	100.0
England	178	124	26.3	0.0	80.2	18.2	45.5	54.5	63.6	81.8	100.0	100.0	100.0	100.0
Finland	369	347	4.8	0.0	71.1	0.0	36.4	50.0	63.6	72.7	81.8	90.9	100.0	100.0
France	306	235	22.8	0.0	65.4	0.0	27.3	36.4	54.5	72.7	81.8	90.9	100.0	100.0
Georgia	218	213	1.4	0.0	73.8	27.3	36.4	45.5	63.6	72.7	90.9	100.0	100.0	100.0
Germany	243	193	19.1	0.0	68.7	0.0	36.4	45.5	54.5	72.7	81.8	90.9	100.0	100.0
Hong Kong SAR	182	121	32.0	0.0	72.3	0.0	36.4	36.4	54.5	72.7	100.0	100.0	100.0	100.0
Hungary	263	215	16.2	0.0	75.6	27.3	45.5	54.5	63.6	72.7	90.9	100.0	100.0	100.0
Iran, Islamic Rep. of	224	224	0.0	0.0	81.8	9.1	45.5	54.5	72.7	81.8	100.0	100.0	100.0	100.0
Ireland	239	237	0.9	0.0	80.2	27.3	45.5	54.5	63.6	81.8	100.0	100.0	100.0	100.0
Italy	266	261	1.8	0.0	77.4	36.4	45.5	54.5	63.6	81.8	90.9	100.0	100.0	100.0
Japan	142	135	5.8	0.0	38.4	0.0	9.1	18.2	27.3	36.4	45.5	72.7	81.8	100.0
Jordan	224	217	2.2	0.0	91.1	27.3	54.5	72.7	81.8	100.0	100.0	100.0	100.0	100.0
Kazakhstan	303	239	19.2	0.0	94.2	36.4	63.6	81.8	90.9	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	199	171	13.9	0.0	62.1	9.1	27.3	27.3	45.5	63.6	81.8	100.0	100.0	100.0
Kosovo	231	197	14.7	0.0	84.2	27.3	45.5	54.5	72.7	90.9	100.0	100.0	100.0	100.0
Kuwait	164	162	1.4	0.0	93.0	54.5	70.0	72.7	90.9	100.0	100.0	100.0	100.0	100.0
Latvia	213	205	4.1	0.0	77.1	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
Lithuania	250	244	1.6	0.0	89.7	36.4	72.7	72.7	81.8	90.9	100.0	100.0	100.0	100.0
Macao SAR	275	272	1.0	0.0	75.6	0.0	27.3	45.5	63.6	72.7	100.0	100.0	100.0	100.0
Montenegro	338	315	6.9	0.0	81.4	0.0	45.5	54.5	72.7	81.8	100.0	100.0	100.0	100.0
Morocco	303	272	7.7	0.0	88.2	36.4	63.6	72.7	81.8	90.9	100.0	100.0	100.0	100.0
Netherlands	188	110	39.0	0.0	60.3	0.0	9.1	27.3	45.5	63.6	72.7	90.9	100.0	100.0
New Zealand	396	193	49.6	0.0	72.2	0.0	18.2	36.4	54.5	72.7	100.0	100.0	100.0	100.0
North Macedonia	274	196	28.6	0.0	86.3	0.0	45.5	63.6	81.8	90.9	100.0	100.0	100.0	100.0
Norway (5)	314	205	31.8	0.0	60.8	0.0	18.2	18.2	36.4	63.6	81.8	100.0	100.0	100.0
Oman	287	270	5.5	0.0	80.9	18.2	45.5	54.5	63.6	81.8	100.0	100.0	100.0	100.0
Poland	267	260	3.0	0.0	59.2	18.2	36.4	36.4	45.5	54.5	63.6	81.8	81.8	100.0
Portugal	321	313	2.2	0.0	95.1	27.3	72.7	81.8	100.0	100.0	100.0	100.0	100.0	100.0
Qatar	283	277	2.9	0.0	79.1	0.0	45.5	54.5	63.6	81.8	100.0	100.0	100.0	100.0
Romania	188	120	37.3	0.0	94.7	45.5	81.8	81.8	90.9	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	217	182	15.7	0.0	92.2	0.0	72.7	81.8	90.9	100.0	100.0	100.0	100.0	100.0
Serbia	213	211	0.7	0.0	88.2	45.5	70.0	72.7	81.8	90.9	100.0	100.0	100.0	100.0
Singapore	362	358	1.1	0.0	44.6	0.0	36.4	36.4	36.4	36.4	45.5	63.6	66.7	100.0
Slovak Republic	269	269	0.0	0.0	80.0	0.0	54.5	63.6	72.7	81.8	90.9	100.0	100.0	100.0
Slovenia	269	259	3.5	0.0	69.3	0.0	18.2	27.3	54.5	72.7	90.9	100.0	100.0	100.0
South Africa (5)	287	213	26.6	0.0	83.4	9.1	54.5	63.6	72.7	88.9	100.0	100.0	100.0	100.0
Spain	582	552	4.7	0.0	85.7	0.0	54.5	63.6	72.7	90.9	100.0	100.0	100.0	100.0
Sweden	250	193	22.2	0.0	65.9	0.0	36.4	36.4	54.5	63.6	81.8	90.9	100.0	100.0
Turkiye (5)	171	168	2.1	0.0	72.8	18.2	36.4	45.5	54.5	72.7	100.0	100.0	100.0	100.0
United Arab Emirates	1435	1195	13.6	0.0	90.0	0.0	54.5	72.7	81.8	100.0	100.0	100.0	100.0	100.0
United States	495	464	7.4	0.0	80.2	0.0	27.3	54.5	72.7	90.9	100.0	100.0	100.0	100.0
Uzbekistan	168	155	7.6	0.0	85.6	9.1	45.5	54.5	80.0	100.0	100.0	100.0	100.0	100.0
International Avg. (58)	17865	15368	13.1	0.0	77.4	13.3	43.7	52.8	66.7	80.6	92.3	97.2	98.5	100.0
Ontario, Canada	286	227	18.8	0.0	86.4	0.0	36.4	54.5	81.8	100.0	100.0	100.0	100.0	100.0
Quebec, Canada	215	185	10.7	0.0	72.7	9.1	45.5	45.5	63.6	72.7	81.8	100.0	100.0	100.0
Abu Dhabi, UAE	553	457	14.6	0.0	87.5	0.0	54.5	63.6	81.8	90.9	100.0	100.0	100.0	100.0
Dubai, UAE	359	306	11.5	0.0	92.2	36.4	63.6	72.7	90.9	100.0	100.0	100.0	100.0	100.0
Sharjah, UAE	284	221	17.3	0.0	90.1	18.2	54.5	63.6	81.8	100.0	100.0	100.0	100.0	100.0

Question: Percent of Students Taught Physical Science Topics
Location: Derived (ATDSPHY)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	91	24.3	0.0	79.1	35.7	50.0	57.1	64.3	85.7	92.9	100.0	100.0	100.0
Armenia	211	156	24.3	0.0	39.4	0.0	0.0	0.0	21.4	35.7	57.1	85.7	100.0	100.0
Australia	347	228	32.0	0.0	58.9	0.0	14.3	28.6	42.9	57.1	78.6	92.9	100.0	100.0
Azerbaijan	271	193	28.7	0.0	39.3	0.0	0.0	0.0	7.7	28.6	64.3	100.0	100.0	100.0
Bahrain	212	209	1.5	0.0	68.9	7.1	35.7	42.9	57.1	64.3	85.7	100.0	100.0	100.0
Belgium (Flemish)	278	208	22.0	0.0	28.0	0.0	0.0	7.1	14.3	28.6	35.7	50.0	58.3	100.0
Belgium (French)	344	275	19.2	0.0	25.0	0.0	0.0	7.1	14.3	21.4	35.7	50.0	57.1	100.0
Bosnia & Herzegovina	236	169	27.1	0.0	34.8	0.0	0.0	7.1	21.4	35.7	50.0	64.3	71.4	100.0
Brazil	1047	880	15.8	0.0	42.5	0.0	0.0	7.1	21.4	35.7	57.1	85.7	100.0	100.0
Bulgaria	208	202	2.9	0.0	65.3	14.3	35.7	42.9	50.0	64.3	78.6	92.9	100.0	100.0
Canada	917	784	15.0	0.0	51.8	0.0	7.1	21.4	35.7	50.0	71.4	92.9	100.0	100.0
Chile	178	157	11.0	0.0	58.0	0.0	21.4	28.6	42.9	57.1	71.4	85.7	92.9	100.0
Chinese Taipei	238	234	1.2	0.0	66.8	7.1	35.7	42.9	57.1	64.3	78.6	92.9	100.0	100.0
Cyprus	267	261	2.3	0.0	48.5	0.0	14.3	21.4	35.7	46.2	58.3	78.6	92.9	100.0
Czech Republic	344	336	1.9	0.0	22.0	0.0	0.0	0.0	7.1	21.4	30.8	42.9	57.1	92.9
Denmark	278	171	37.2	0.0	37.3	0.0	7.1	14.3	21.4	35.7	50.0	57.1	71.4	85.7
England	178	123	26.8	0.0	81.3	7.1	42.9	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Finland	369	346	4.9	0.0	41.8	0.0	0.0	14.3	28.6	35.7	57.1	76.9	78.6	100.0
France	306	233	23.5	0.0	34.9	0.0	7.1	14.3	21.4	35.7	50.0	64.3	64.3	100.0
Georgia	218	212	3.1	0.0	58.0	0.0	14.3	28.6	35.7	57.1	78.6	92.9	100.0	100.0
Germany	243	192	19.3	0.0	39.7	0.0	7.1	7.1	21.4	35.7	50.0	71.4	78.6	100.0
Hong Kong SAR	182	120	32.4	0.0	44.0	0.0	21.4	21.4	28.6	38.5	57.1	78.6	85.7	100.0
Hungary	263	212	18.5	0.0	42.3	0.0	7.1	14.3	28.6	42.9	57.1	71.4	78.6	100.0
Iran, Islamic Rep. of	224	220	1.8	0.0	80.0	0.0	42.9	50.0	64.3	85.7	100.0	100.0	100.0	100.0
Ireland	239	237	0.9	0.0	60.0	0.0	21.4	28.6	42.9	57.1	78.6	100.0	100.0	100.0
Italy	266	257	2.9	0.0	44.0	0.0	14.3	21.4	28.6	42.9	57.1	71.4	78.6	100.0
Japan	142	135	5.6	0.0	45.2	14.3	21.4	21.4	28.6	42.9	57.1	71.4	85.7	100.0
Jordan	224	217	2.8	0.0	76.2	0.0	50.0	50.0	57.1	71.4	100.0	100.0	100.0	100.0
Kazakhstan	303	232	22.8	0.0	86.3	0.0	57.1	64.3	78.6	92.9	100.0	100.0	100.0	100.0
Korea, Rep. of	199	172	13.1	0.0	48.9	0.0	21.4	28.6	35.7	42.9	57.1	78.6	100.0	100.0
Kosovo	231	196	15.3	0.0	85.8	35.7	50.0	64.3	78.6	92.9	100.0	100.0	100.0	100.0
Kuwait	164	162	1.4	0.0	75.8	0.0	35.7	42.9	64.3	78.6	100.0	100.0	100.0	100.0
Latvia	213	201	5.7	0.0	63.5	14.3	35.7	35.7	42.9	61.5	84.6	100.0	100.0	100.0
Lithuania	250	244	1.4	0.0	77.7	0.0	35.7	42.9	64.3	85.7	100.0	100.0	100.0	100.0
Macao SAR	275	272	0.1	0.0	60.7	0.0	28.6	35.7	50.0	57.1	78.6	92.9	100.0	100.0
Montenegro	338	310	9.8	0.0	39.1	0.0	0.0	21.4	28.6	35.7	50.0	64.3	92.9	100.0
Morocco	303	271	8.5	0.0	81.1	35.7	50.0	64.3	71.4	85.7	92.9	100.0	100.0	100.0
Netherlands	188	109	39.3	0.0	31.9	0.0	0.0	0.0	14.3	21.4	50.0	71.4	85.7	100.0
New Zealand	396	193	49.4	0.0	49.9	0.0	0.0	7.1	28.6	50.0	78.6	92.9	100.0	100.0
North Macedonia	274	193	29.1	0.0	73.8	0.0	35.7	42.9	57.1	78.6	92.9	100.0	100.0	100.0
Norway (5)	314	201	33.2	0.0	28.5	0.0	0.0	0.0	7.1	23.1	42.9	64.3	71.4	100.0
Oman	287	269	5.7	0.0	76.2	21.4	42.9	50.0	64.3	78.6	92.9	100.0	100.0	100.0
Poland	267	260	3.1	0.0	22.7	0.0	0.0	7.1	14.3	21.4	28.6	42.9	50.0	100.0
Portugal	321	313	2.7	0.0	69.1	0.0	21.4	35.7	50.0	71.4	92.9	100.0	100.0	100.0
Qatar	283	276	3.1	0.0	62.3	0.0	21.4	28.6	42.9	64.3	85.7	100.0	100.0	100.0
Romania	188	119	38.1	0.0	78.5	7.1	42.9	50.0	71.4	78.6	100.0	100.0	100.0	100.0
Saudi Arabia	217	178	17.9	0.0	85.1	0.0	57.1	64.3	78.6	85.7	100.0	100.0	100.0	100.0
Serbia	213	206	3.9	0.0	83.0	0.0	42.9	57.1	78.6	85.7	100.0	100.0	100.0	100.0
Singapore	362	357	1.4	0.0	41.5	0.0	28.6	35.7	35.7	42.9	42.9	50.0	57.1	100.0
Slovak Republic	269	268	0.5	0.0	65.9	0.0	28.6	35.7	57.1	64.3	78.6	92.9	92.9	100.0
Slovenia	269	259	3.5	0.0	68.6	0.0	35.7	42.9	57.1	71.4	78.6	92.9	92.9	100.0
South Africa (5)	287	210	27.6	0.0	62.4	0.0	21.4	28.6	42.9	57.1	85.7	100.0	100.0	100.0
Spain	582	552	4.9	0.0	51.8	0.0	7.1	14.3	28.6	53.8	71.4	92.9	100.0	100.0
Sweden	250	194	21.9	0.0	36.0	0.0	7.1	14.3	21.4	35.7	42.9	57.1	71.4	100.0
Turkiye (5)	171	167	2.7	0.0	56.3	0.0	21.4	28.6	42.9	50.0	78.6	100.0	100.0	100.0
United Arab Emirates	1435	1189	14.1	0.0	81.0	0.0	42.9	50.0	64.3	85.7	100.0	100.0	100.0	100.0
United States	495	464	7.0	0.0	60.8	0.0	7.1	21.4	42.9	64.3	85.7	100.0	100.0	100.0
Uzbekistan	168	153	9.0	0.0	63.0	0.0	7.1	21.4	35.7	69.2	92.9	100.0	100.0	100.0
International Avg. (58)	17865	15248	13.9	0.0	56.6	3.4	21.7	29.2	41.8	56.0	72.8	85.6	90.8	99.6
Ontario, Canada	286	225	19.8	0.0	58.1	0.0	7.1	21.4	35.7	57.1	85.7	100.0	100.0	100.0
Quebec, Canada	215	184	11.9	0.0	41.7	0.0	7.1	14.3	28.6	42.9	50.0	64.3	71.4	100.0
Abu Dhabi, UAE	553	457	14.5	0.0	76.4	7.1	35.7	42.9	64.3	78.6	92.9	100.0	100.0	100.0
Dubai, UAE	359	304	12.2	0.0	86.7	28.6	50.0	57.1	76.9	92.9	100.0	100.0	100.0	100.0
Sharjah, UAE	284	221	17.6	0.0	79.3	0.0	50.0	50.0	64.3	78.6	100.0	100.0	100.0	100.0

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	92	23.0	0.0	50.7	0.0	0.0	0.0	27.3	45.5	81.8	100.0	100.0	100.0
Armenia	211	201	3.1	0.0	76.5	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
Australia	347	225	34.0	0.0	67.0	0.0	18.2	27.3	45.5	72.7	90.9	100.0	100.0	100.0
Azerbaijan	271	190	30.3	0.0	69.5	0.0	0.0	18.2	54.5	81.8	90.9	100.0	100.0	100.0
Bahrain	212	210	0.4	0.0	80.7	0.0	36.4	54.5	72.7	81.8	100.0	100.0	100.0	100.0
Belgium (Flemish)	278	207	22.4	0.0	42.1	0.0	0.0	9.1	18.2	45.5	63.6	80.0	90.9	100.0
Belgium (French)	344	278	18.1	0.0	27.6	0.0	0.0	0.0	9.1	27.3	45.5	63.6	72.7	100.0
Bosnia & Herzegovina	236	170	27.5	0.0	38.1	0.0	0.0	9.1	18.2	36.4	54.5	72.7	81.8	100.0
Brazil	1047	892	14.3	0.0	69.7	0.0	9.1	27.3	54.5	81.8	90.9	100.0	100.0	100.0
Bulgaria	208	202	3.1	0.0	74.1	27.3	45.5	50.0	63.6	72.7	81.8	90.9	100.0	100.0
Canada	917	785	15.1	0.0	52.8	0.0	0.0	9.1	27.3	54.5	81.8	100.0	100.0	100.0
Chile	178	160	9.0	0.0	70.0	0.0	36.4	36.4	54.5	72.7	90.9	100.0	100.0	100.0
Chinese Taipei	238	236	1.1	0.0	65.4	0.0	27.3	36.4	54.5	63.6	81.8	90.9	100.0	100.0
Cyprus	267	261	2.3	0.0	43.6	0.0	0.0	9.1	27.3	36.4	62.5	81.8	100.0	100.0
Czech Republic	344	336	2.2	0.0	57.4	0.0	0.0	9.1	36.4	63.6	81.8	100.0	100.0	100.0
Denmark	278	171	37.1	0.0	67.3	0.0	0.0	36.4	54.5	72.7	81.8	100.0	100.0	100.0
England	178	123	26.7	0.0	72.5	0.0	18.2	36.4	54.5	72.7	100.0	100.0	100.0	100.0
Finland	369	347	4.8	0.0	54.7	0.0	9.1	18.2	36.4	54.5	72.7	90.9	100.0	100.0
France	306	235	22.8	0.0	55.0	0.0	18.2	18.2	36.4	54.5	72.7	81.8	100.0	100.0
Georgia	218	213	1.6	0.0	57.7	0.0	9.1	18.2	36.4	54.5	81.8	100.0	100.0	100.0
Germany	243	192	19.7	0.0	51.5	0.0	9.1	18.2	36.4	54.5	72.7	81.8	90.9	100.0
Hong Kong SAR	182	120	32.8	0.0	46.1	0.0	0.0	0.0	27.3	45.5	63.6	90.9	100.0	100.0
Hungary	263	215	16.2	0.0	71.2	0.0	36.4	45.5	54.5	72.7	90.9	100.0	100.0	100.0
Iran, Islamic Rep. of	224	223	0.6	0.0	72.4	0.0	27.3	36.4	54.5	72.7	100.0	100.0	100.0	100.0
Ireland	239	237	0.9	0.0	69.5	0.0	20.0	45.5	54.5	72.7	90.9	100.0	100.0	100.0
Italy	266	260	2.3	0.0	51.2	0.0	9.1	18.2	36.4	54.5	63.6	81.8	100.0	100.0
Japan	142	136	5.0	0.0	19.8	0.0	0.0	0.0	9.1	18.2	27.3	54.5	72.7	100.0
Jordan	224	219	2.0	0.0	73.9	0.0	27.3	36.4	54.5	72.7	100.0	100.0	100.0	100.0
Kazakhstan	303	238	20.0	0.0	90.9	0.0	54.5	63.6	90.9	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	199	170	15.3	0.0	37.3	0.0	9.1	9.1	18.2	36.4	54.5	63.6	81.8	100.0
Kosovo	231	192	18.1	0.0	76.5	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
Kuwait	164	163	0.7	0.0	72.6	0.0	27.3	45.5	60.0	72.7	90.9	100.0	100.0	100.0
Latvia	213	203	4.7	0.0	58.8	0.0	0.0	18.2	36.4	54.5	81.8	100.0	100.0	100.0
Lithuania	250	245	1.3	0.0	85.4	18.2	54.5	63.6	72.7	90.9	100.0	100.0	100.0	100.0
Macao SAR	275	274	0.0	0.0	58.2	0.0	0.0	18.2	36.4	63.6	81.8	100.0	100.0	100.0
Montenegro	338	316	6.7	0.0	44.6	0.0	0.0	9.1	27.3	45.5	54.5	72.7	90.9	100.0
Morocco	303	271	7.8	0.0	50.3	0.0	0.0	9.1	27.3	45.5	72.7	90.9	100.0	100.0
Netherlands	188	109	39.3	0.0	52.4	0.0	0.0	9.1	36.4	54.5	81.8	90.9	90.9	100.0
New Zealand	396	192	49.7	0.0	53.4	0.0	0.0	9.1	27.3	54.5	81.8	100.0	100.0	100.0
North Macedonia	274	195	28.6	0.0	79.0	0.0	27.3	36.4	63.6	90.9	100.0	100.0	100.0	100.0
Norway (5)	314	204	32.4	0.0	57.7	0.0	9.1	18.2	36.4	54.5	81.8	100.0	100.0	100.0
Oman	287	269	5.7	0.0	53.3	0.0	0.0	9.1	27.3	54.5	81.8	100.0	100.0	100.0
Poland	267	260	3.1	0.0	29.1	0.0	0.0	0.0	9.1	27.3	36.4	54.5	72.7	100.0
Portugal	321	312	2.9	0.0	90.2	0.0	63.6	72.7	81.8	90.9	100.0	100.0	100.0	100.0
Qatar	283	275	3.6	0.0	58.2	0.0	9.1	18.2	36.4	63.6	81.8	100.0	100.0	100.0
Romania	188	119	38.2	0.0	92.7	27.3	70.0	81.8	90.9	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	217	182	15.3	0.0	87.9	0.0	54.5	63.6	81.8	100.0	100.0	100.0	100.0	100.0
Serbia	213	211	0.7	0.0	64.8	10.0	27.3	30.0	45.5	63.6	81.8	100.0	100.0	100.0
Singapore	362	358	1.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	9.1	27.3	100.0
Slovak Republic	269	269	0.0	0.0	59.8	0.0	27.3	36.4	36.4	63.6	81.8	90.9	100.0	100.0
Slovenia	269	259	3.2	0.0	61.7	0.0	18.2	36.4	45.5	63.6	81.8	90.9	100.0	100.0
South Africa (5)	287	210	27.3	0.0	44.9	0.0	0.0	0.0	9.1	45.5	72.7	100.0	100.0	100.0
Spain	582	553	4.7	0.0	83.0	0.0	45.5	54.5	72.7	90.9	100.0	100.0	100.0	100.0
Sweden	250	193	22.2	0.0	54.2	0.0	9.1	9.1	30.0	54.5	72.7	90.9	100.0	100.0
Turkiye (5)	171	166	3.5	0.0	65.7	0.0	18.2	36.4	45.5	63.6	90.9	100.0	100.0	100.0
United Arab Emirates	1435	1192	13.9	0.0	78.5	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
United States	495	464	7.2	0.0	69.3	0.0	18.2	27.3	54.5	72.7	90.9	100.0	100.0	100.0
Uzbekistan	168	155	8.1	0.0	92.1	27.3	63.6	72.7	90.9	100.0	100.0	100.0	100.0	100.0
International Avg. (58)	17865	15355	13.2	0.0	61.3	1.9	18.5	27.9	44.7	63.3	80.5	91.7	96.1	100.0
Ontario, Canada	286	225	19.9	0.0	47.1	0.0	0.0	0.0	18.2	45.5	72.7	100.0	100.0	100.0
Quebec, Canada	215	185	11.4	0.0	63.3	0.0	18.2	27.3	45.5	63.6	81.8	100.0	100.0	100.0
Abu Dhabi, UAE	553	456	15.0	0.0	77.0	0.0	36.4	45.5	63.6	81.8	100.0	100.0	100.0	100.0
Dubai, UAE	359	306	11.5	0.0	82.6	0.0	36.4	45.5	72.7	90.9	100.0	100.0	100.0	100.0
Sharjah, UAE	284	222	17.1	0.0	76.0	0.0	27.3	36.4	63.6	81.8	100.0	100.0	100.0	100.0

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	93	4.5	17.7	1.6	0.5	1.5	1.5	1.5	1.5	1.5	2.0	2.7	4.5
Armenia	211	187	6.9	1.9	1.6	0.5	1.5	1.5	1.5	1.5	1.5	2.0	2.3	8.0
Australia	347	233	5.6	27.0	1.5	0.1	0.5	0.8	1.0	1.5	2.0	2.5	2.7	5.3
Azerbaijan	271	211	9.2	12.8	1.4	0.0	0.0	0.8	1.5	1.5	1.5	1.5	2.0	3.0
Bahrain	212	203	4.6	0.0	2.8	0.1	0.8	1.7	2.3	2.5	3.3	4.0	4.7	15.6
Belgium (Flemish)	278	205	3.6	19.7	2.6	0.0	0.3	0.4	0.8	3.3	4.2	5.0	5.0	7.0
Belgium (French)	344	281	2.4	14.9	1.3	0.0	0.5	0.7	0.8	1.0	1.7	2.0	2.5	5.0
Bosnia & Herzegovina	236	168	7.0	20.2	2.3	0.8	1.5	1.5	1.5	2.0	2.3	4.5	5.3	7.7
Brazil	1047	883	13.1	1.6	2.1	0.0	0.8	1.0	1.5	2.0	2.5	3.3	4.0	15.0
Bulgaria	208	194	6.7	1.0	1.4	1.0	1.3	1.3	1.3	1.3	1.3	2.0	2.0	2.0
Canada	917	797	3.3	9.4	2.1	0.1	0.7	1.0	1.0	2.0	3.0	3.3	4.0	10.0
Chile	178	157	4.6	7.1	2.5	1.3	1.5	2.0	2.3	2.3	2.3	3.0	4.0	8.0
Chinese Taipei	238	234	1.1	0.0	2.0	0.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.5
Cyprus	267	257	2.2	1.5	1.4	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.7	6.0
Czech Republic	344	337	0.8	1.1	1.2	0.0	0.8	0.8	0.8	1.0	1.5	1.5	2.0	6.7
Denmark	278	183	13.6	19.5	1.9	0.2	1.0	1.3	1.5	2.0	2.3	2.3	2.3	5.0
England	178	120	5.2	23.3	1.5	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.5	5.0
Finland	369	352	1.0	2.7	1.9	0.0	1.2	1.5	1.5	2.0	2.3	2.3	3.0	6.0
France	306	240	3.1	18.1	1.3	0.0	0.5	0.7	1.0	1.0	1.5	2.0	2.0	5.0
Georgia	218	216	1.7	0.0	1.5	0.0	0.8	1.2	1.3	1.5	1.5	2.0	2.0	10.0
Germany	243	185	8.7	13.5	1.5	0.0	0.3	0.5	0.8	1.5	2.3	3.0	3.0	6.7
Hong Kong SAR	182	119	2.4	31.3	2.6	0.0	0.5	0.8	1.7	2.5	2.9	3.5	5.0	12.5
Hungary	263	213	1.1	15.7	1.4	0.5	0.8	0.8	0.8	1.5	1.5	2.0	3.3	5.3
Iran, Islamic Rep. of	224	223	0.5	0.0	2.6	0.1	1.3	1.5	2.2	2.3	3.0	3.8	4.0	12.5
Ireland	239	228	4.8	0.4	0.9	0.3	0.5	0.5	0.8	1.0	1.0	1.0	1.5	3.0
Italy	266	260	1.2	0.7	2.0	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	6.7
Japan	142	137	2.5	1.6	2.2	0.8	1.5	2.3	2.3	2.3	2.3	2.3	2.3	7.5
Jordan	224	214	3.8	0.3	2.6	0.5	1.0	1.8	2.0	2.3	2.7	4.0	5.0	13.3
Kazakhstan	303	237	19.6	1.3	1.6	0.0	0.7	0.8	1.3	1.5	1.5	2.3	3.3	7.5
Korea, Rep. of	199	167	8.0	7.9	1.8	0.0	0.7	1.3	1.3	2.0	2.0	2.0	2.5	3.0
Kosovo	231	199	4.6	9.5	1.5	0.0	0.8	1.3	1.3	1.5	1.5	1.7	2.3	13.5
Kuwait	164	154	5.9	0.7	1.7	0.1	0.3	0.8	1.3	1.5	1.7	3.3	3.8	4.8
Latvia	213	206	0.0	3.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Lithuania	250	244	1.1	0.5	1.7	0.0	1.5	1.5	1.5	1.5	1.7	2.3	2.8	6.7
Macao SAR	275	270	0.6	0.0	2.1	0.0	0.5	0.7	1.3	2.3	2.7	3.3	4.0	6.7
Montenegro	338	318	2.2	4.0	1.8	0.0	1.5	1.5	1.5	1.5	1.5	3.0	4.2	9.2
Morocco	303	265	3.9	5.9	2.0	0.0	1.0	1.5	1.6	2.0	2.0	2.0	2.8	7.3
Netherlands	188	108	7.0	32.9	0.9	0.1	0.3	0.3	0.5	0.8	1.0	1.5	2.0	5.0
New Zealand	396	176	8.8	45.2	1.1	0.2	0.3	0.3	0.5	0.8	1.3	2.2	3.0	16.7
North Macedonia	274	193	4.8	25.2	1.8	0.7	1.3	1.3	1.3	1.5	2.0	2.7	3.3	10.0
Norway (5)	314	210	4.0	26.6	1.6	0.1	1.0	1.0	1.2	1.5	2.0	2.0	2.3	4.0
Oman	287	258	6.7	2.6	3.2	0.5	2.0	2.3	2.3	3.3	3.8	3.8	4.7	16.0
Poland	267	264	0.6	0.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	12.8
Portugal	321	313	2.4	0.8	2.7	0.1	0.5	1.0	2.0	3.0	3.0	4.0	5.0	7.0
Qatar	283	271	2.0	2.3	2.7	0.5	0.8	1.5	2.1	2.5	3.3	4.0	5.0	16.7
Romania	188	118	4.5	34.2	1.0	0.0	0.8	0.8	0.8	0.8	1.0	1.7	2.0	4.0
Saudi Arabia	217	176	7.8	10.5	4.5	0.0	0.5	0.8	3.0	3.0	4.5	10.7	15.0	16.7
Serbia	213	209	1.8	0.0	2.8	0.5	1.0	1.5	1.5	1.5	4.2	5.8	6.8	11.7
Singapore	362	357	1.2	0.3	2.7	0.5	2.5	2.5	2.5	2.5	2.5	3.0	3.3	10.0
Slovak Republic	269	268	0.4	0.0	1.6	0.0	1.5	1.5	1.5	1.5	1.5	1.7	2.0	5.8
Slovenia	269	256	2.8	1.6	2.3	0.1	2.3	2.3	2.3	2.3	2.3	3.0	3.0	5.0
South Africa (5)	287	200	5.8	24.4	3.3	0.0	0.1	0.1	3.0	3.5	4.0	4.7	6.5	16.7
Spain	582	555	1.6	2.0	3.2	0.0	1.5	1.7	2.5	3.0	4.0	4.5	5.0	10.7
Sweden	250	195	6.2	14.5	2.1	0.1	1.3	1.5	1.8	2.0	2.3	2.7	3.0	5.2
Turkiye (5)	171	169	1.2	0.0	2.6	0.1	0.1	0.1	2.7	2.7	2.7	2.7	4.0	8.0
United Arab Emirates	1435	1185	3.1	11.2	3.0	0.0	1.0	1.7	2.5	3.0	3.3	4.0	4.7	16.0
United States	495	458	4.8	3.6	2.4	0.0	0.5	0.8	1.3	2.0	3.3	4.2	5.0	15.0
Uzbekistan	168	152	8.2	2.0	1.6	0.0	0.7	1.0	1.5	1.5	1.5	1.7	2.7	9.0
International Avg. (58)	17865	15281	4.4	9.3	2.0	0.2	1.0	1.2	1.6	1.9	2.2	2.9	3.5	8.4
Ontario, Canada	286	230	5.1	11.8	2.5	0.5	0.8	1.3	1.7	2.5	3.3	4.0	4.0	10.0
Quebec, Canada	215	187	2.0	8.0	1.2	0.4	0.7	0.8	1.0	1.0	1.3	1.7	2.0	5.0
Abu Dhabi, UAE	553	457	2.9	11.4	3.0	0.0	1.3	2.0	2.7	3.0	3.3	4.0	5.0	13.3
Dubai, UAE	359	305	2.6	9.4	2.9	0.1	1.0	1.5	2.0	3.0	3.3	4.0	4.7	16.0
Sharjah, UAE	284	216	4.3	14.9	3.2	0.7	1.5	1.7	2.7	3.0	3.3	4.0	4.7	16.0

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	98	0.9	17.7	11.5	7.2	8.6	8.6	9.7	11.1	13.2	14.7	17.0	17.0
Armenia	211	203	0.5	1.9	10.6	6.6	8.6	9.0	9.7	10.4	11.8	12.5	12.9	17.0
Australia	347	259	0.0	26.9	10.3	3.8	6.1	7.2	9.0	10.4	11.5	12.9	13.2	17.0
Azerbaijan	271	230	2.7	12.8	10.7	5.7	6.8	8.3	9.0	10.8	11.8	13.2	14.1	17.0
Bahrain	212	212	0.0	0.0	12.4	5.7	8.6	9.7	10.8	12.1	13.7	17.0	17.0	17.0
Belgium (Flemish)	278	217	0.0	19.7	9.0	4.7	6.8	7.2	7.9	9.0	9.7	10.8	11.5	13.7
Belgium (French)	344	294	0.8	13.7	10.8	5.7	7.2	7.9	9.7	11.1	11.8	13.2	13.7	17.0
Bosnia & Herzegovina	236	182	1.2	20.2	9.8	5.7	7.6	7.9	8.6	10.1	11.1	11.8	12.1	13.7
Brazil	1047	1015	1.4	1.5	9.3	0.7	5.7	6.5	7.6	9.0	10.8	12.5	13.7	17.0
Bulgaria	208	203	1.8	1.0	10.4	3.1	6.5	7.2	9.0	10.4	11.8	12.9	14.1	17.0
Canada	917	827	0.7	8.8	10.0	0.7	6.8	7.2	8.6	10.1	11.2	12.5	13.2	17.0
Chile	178	164	0.0	7.1	10.0	4.3	6.8	7.2	8.3	10.1	11.5	12.9	14.1	14.7
Chinese Taipei	238	238	0.0	0.0	10.3	5.7	7.2	8.3	9.0	10.1	11.5	12.5	13.7	17.0
Cyprus	267	265	0.0	0.8	9.9	3.8	6.1	7.2	8.6	9.7	11.1	12.5	13.2	17.0
Czech Republic	344	340	0.0	1.1	9.0	4.3	6.8	7.2	7.9	9.0	10.1	11.1	11.8	13.7
Denmark	278	217	2.0	19.1	9.4	4.8	6.5	7.2	8.3	9.4	10.4	11.5	12.1	17.0
England	178	134	0.5	19.9	10.7	5.8	6.8	7.9	9.4	10.4	12.1	14.1	15.5	17.0
Finland	369	356	0.8	2.6	9.9	4.3	7.2	7.9	8.6	9.7	11.1	11.8	12.5	17.0
France	306	252	1.3	15.9	9.5	2.3	6.5	7.2	8.3	9.4	11.1	12.1	12.5	17.0
Georgia	218	218	0.0	0.0	10.5	5.3	7.6	8.3	9.4	10.4	11.5	12.9	13.7	17.0
Germany	243	209	0.3	13.5	9.2	3.8	6.1	6.8	8.3	9.0	10.4	11.1	11.8	17.0
Hong Kong SAR	182	124	0.0	31.0	10.0	6.1	7.2	7.6	9.0	10.4	11.1	12.5	12.5	15.5
Hungary	263	218	0.0	15.4	9.4	4.8	6.5	7.2	8.3	9.4	10.4	11.5	12.1	17.0
Iran, Islamic Rep. of	224	224	0.0	0.0	11.0	3.8	7.2	7.9	9.7	10.8	12.5	13.7	17.0	17.0
Ireland	239	237	0.5	0.4	10.9	6.8	7.6	8.3	9.4	10.8	12.1	13.2	14.7	17.0
Italy	266	264	0.0	0.7	9.2	3.1	6.8	7.2	7.9	9.0	10.4	11.5	11.8	17.0
Japan	142	139	0.8	1.6	9.1	3.8	5.7	6.8	7.9	9.0	10.4	11.5	12.5	17.0
Jordan	224	222	0.6	0.3	10.6	4.3	6.5	7.6	8.6	10.1	12.1	14.7	17.0	17.0
Kazakhstan	303	293	1.9	1.3	11.7	6.8	8.6	9.4	10.4	11.1	12.5	15.5	17.0	17.0
Korea, Rep. of	199	182	0.0	7.5	11.0	4.8	6.5	7.6	9.0	10.8	12.9	14.7	17.0	17.0
Kosovo	231	205	1.4	9.5	11.2	6.8	7.9	8.3	9.4	11.1	12.5	13.9	16.5	17.0
Kuwait	164	163	0.0	0.7	11.1	6.5	7.9	8.6	9.7	10.8	12.5	14.1	15.5	17.0
Latvia	213	207	0.0	3.5	9.4	4.8	7.2	7.6	8.6	9.4	10.1	11.1	11.5	14.7
Lithuania	250	249	0.0	0.5	10.9	6.1	7.9	9.0	9.7	10.8	11.8	13.2	14.1	17.0
Macao SAR	275	275	0.0	0.0	9.7	3.8	7.2	7.6	8.6	9.4	10.4	11.5	12.5	17.0
Montenegro	338	323	0.1	4.0	10.5	5.3	7.9	8.3	9.4	10.4	11.5	12.9	14.1	17.0
Morocco	303	289	0.0	5.3	8.9	4.2	6.1	6.8	7.6	8.6	10.1	11.1	11.5	17.0
Netherlands	188	120	0.7	32.9	9.1	3.1	5.7	6.8	7.9	8.6	10.4	11.5	12.5	13.2
New Zealand	396	216	0.5	44.0	10.2	5.7	7.2	8.3	9.4	10.1	11.1	12.5	12.9	17.0
North Macedonia	274	205	0.8	25.2	10.7	5.3	7.2	7.6	9.0	10.4	12.1	14.1	17.0	17.0
Norway (5)	314	231	0.8	22.4	9.2	4.8	6.8	7.2	8.1	9.0	10.4	11.5	11.8	15.5
Oman	287	280	0.5	2.1	11.2	5.3	8.3	8.6	9.7	11.1	12.5	13.7	14.7	17.0
Poland	267	266	0.0	0.7	9.7	6.1	7.6	7.9	8.6	9.7	10.8	11.8	12.5	17.0
Portugal	321	317	0.4	0.8	10.0	3.8	6.5	7.6	9.0	10.1	11.1	12.5	13.2	17.0
Qatar	283	279	0.0	2.3	12.2	4.8	8.3	9.4	10.8	11.8	13.7	15.5	17.0	17.0
Romania	188	151	0.0	20.5	11.5	5.3	7.2	8.6	9.7	11.1	12.9	17.0	17.0	17.0
Saudi Arabia	217	193	0.7	10.1	12.0	3.1	7.2	8.6	10.1	11.8	13.7	17.0	17.0	17.0
Serbia	213	213	0.0	0.0	10.5	6.5	7.9	8.6	9.4	10.4	11.5	12.5	13.2	17.0
Singapore	362	361	0.0	0.3	9.9	4.8	6.8	7.6	8.6	9.7	11.1	11.8	12.9	17.0
Slovak Republic	269	269	0.0	0.0	9.4	4.3	6.1	7.2	8.3	9.4	10.4	11.8	12.5	17.0
Slovenia	269	262	0.0	1.6	9.8	6.1	7.2	7.6	8.6	9.7	10.8	11.8	12.5	17.0
South Africa (5)	287	236	1.2	17.4	9.7	4.3	6.5	7.2	8.3	9.4	11.1	12.1	12.9	17.0
Spain	582	567	0.1	2.0	10.1	3.1	6.5	7.6	8.6	10.1	11.5	12.1	13.2	17.0
Sweden	250	213	1.0	13.1	9.8	5.3	6.8	7.2	8.6	9.7	11.1	12.5	13.7	15.5
Turkiye (5)	171	171	0.0	0.0	10.0	3.1	6.1	6.8	8.6	10.1	11.1	12.5	14.7	17.0
United Arab Emirates	1435	1294	0.2	8.5	12.1	0.7	7.9	9.0	10.4	11.8	13.7	17.0	17.0	17.0
United States	495	477	0.2	3.5	9.8	4.3	6.5	6.8	8.3	9.7	11.1	12.9	13.2	17.0
Uzbekistan	168	164	0.6	2.0	11.3	7.2	8.0	9.0	9.7	10.8	12.5	14.1	15.5	17.0
International Avg. (58)	17865	16232	0.5	8.5	10.3	4.7	7.1	7.8	8.9	10.1	11.5	13.0	13.9	16.6
Ontario, Canada	286	245	1.2	11.2	9.8	0.7	6.1	7.2	8.6	9.7	10.9	12.5	12.9	17.0
Quebec, Canada	215	195	0.4	7.1	10.0	4.8	6.8	7.2	8.6	10.1	11.1	12.1	13.2	15.5
Abu Dhabi, UAE	553	503	0.1	7.7	11.1	5.3	7.6	8.3	9.7	11.1	12.5	14.1	17.0	17.0
Dubai, UAE	359	318	0.0	8.7	12.3	0.7	7.9	9.0	10.8	12.1	14.1	17.0	17.0	17.0
Sharjah, UAE	284	250	0.9	10.9	12.9	5.3	8.6	9.7	11.1	12.9	14.1	17.0	17.0	17.0

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

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
Albania	123	98	25.0	56.3	18.7	17.7	0.9	509.7	480.3	477.5	507.0	484.4
Armenia	211	203	3.9	83.6	12.5	1.9	0.5	464.0	455.6	466.8	461.0	434.2
Australia	347	259	5.9	67.4	26.8	26.9	0.0	576.5	559.1	525.4	545.2	534.6
Azerbaijan	271	230	10.2	64.2	25.5	12.8	2.7	421.2	422.4	420.6	420.6	419.4
Bahrain	212	212	33.1	58.9	8.0	0.0	0.0	495.6	466.2	454.8	.	.
Belgium (Flemish)	278	217	0.5	43.4	56.1	19.7	0.0	488.8	502.4	482.7	477.0	.
Belgium (French)	344	294	10.4	68.5	21.1	13.7	0.8	480.5	491.0	459.9	464.2	477.0
Bosnia & Herzegovina	236	182	1.2	59.6	39.2	20.2	1.2	454.2	452.5	446.8	438.8	480.5
Brazil	1047	1015	7.5	41.2	51.4	1.5	1.4	443.9	444.9	406.2	439.3	416.0
Bulgaria	208	203	9.4	63.7	26.9	1.0	1.8	559.6	552.5	465.0	515.0	536.5
Canada	917	827	6.5	60.5	33.0	8.8	0.7	547.5	526.1	507.8	515.3	549.2
Chile	178	164	9.1	54.2	36.7	7.1	0.0	492.8	488.2	464.5	471.0	.
Chinese Taipei	238	238	7.5	62.1	30.4	0.0	0.0	583.4	575.1	564.9	.	.
Cyprus	267	265	6.6	54.8	38.6	0.8	0.0	513.8	498.2	466.9	471.0	.
Czech Republic	344	340	0.3	43.1	56.5	1.1	0.0	573.1	533.1	520.0	525.8	.
Denmark	278	217	2.1	51.4	46.6	19.1	2.0	537.1	526.8	516.8	521.6	517.5
England	178	134	17.3	60.1	22.6	19.9	0.5	581.7	558.2	541.7	548.2	520.7
Finland	369	356	2.0	64.4	33.6	2.6	0.8	579.1	551.0	526.4	505.6	513.4
France	306	252	2.4	51.1	46.4	15.9	1.3	522.0	502.5	472.5	482.2	501.4
Georgia	218	218	7.9	70.1	22.1	0.0	0.0	465.9	468.1	454.7	.	.
Germany	243	209	2.8	45.9	51.2	13.5	0.3	554.1	529.1	500.3	517.8	529.7
Hong Kong SAR	182	124	2.6	67.0	30.5	31.0	0.0	549.0	552.0	518.7	552.9	.
Hungary	263	218	0.9	54.3	44.8	15.4	0.0	594.2	539.6	502.0	529.8	.
Iran, Islamic Rep. of	224	224	20.4	59.9	19.7	0.0	0.0	442.8	436.2	408.5	.	.
Ireland	239	237	11.4	66.1	22.5	0.4	0.5	536.7	540.0	506.0	537.9	511.7
Italy	266	264	0.5	48.7	50.8	0.7	0.0	509.5	510.1	511.1	504.4	.
Japan	142	139	3.2	40.5	56.3	1.6	0.8	563.5	561.8	549.1	568.6	547.6
Jordan	224	222	13.7	49.6	36.7	0.3	0.6	431.3	418.9	411.3	336.1	440.3
Kazakhstan	303	293	22.3	69.3	8.4	1.3	1.9	457.4	467.3	481.7	484.2	463.9
Korea, Rep. of	199	182	19.1	52.6	28.4	7.5	0.0	603.6	586.8	565.7	574.2	.
Kosovo	231	205	17.8	60.9	21.3	9.5	1.4	398.4	409.0	399.3	386.5	391.6
Kuwait	164	163	16.8	66.3	16.8	0.7	0.0	428.9	366.3	340.5	495.2	.
Latvia	213	207	1.3	54.7	44.0	3.5	0.0	551.0	531.3	519.0	508.8	.
Lithuania	250	249	11.4	74.1	14.6	0.5	0.0	544.5	539.8	515.0	572.4	.
Macao SAR	275	275	3.6	63.4	33.1	0.0	0.0	550.6	543.7	519.1	.	.
Montenegro	338	323	9.5	66.8	23.7	4.0	0.1	467.2	461.8	453.6	469.7	414.0
Morocco	303	289	1.9	41.9	56.2	5.3	0.0	506.9	414.4	370.8	365.7	.
Netherlands	188	120	2.5	40.8	56.7	32.9	0.7	536.2	532.5	505.4	517.3	472.3
New Zealand	396	216	3.0	75.2	21.8	44.0	0.5	558.8	529.3	504.7	506.8	529.4
North Macedonia	274	205	14.1	56.8	29.1	25.2	0.8	432.4	448.0	431.2	433.4	395.4
Norway (5)	314	231	2.8	40.6	56.6	22.4	0.8	559.3	539.4	525.7	523.6	552.3
Oman	287	280	14.7	71.5	13.8	2.1	0.5	442.6	433.0	417.0	433.7	516.1
Poland	267	266	3.7	57.7	38.6	0.7	0.0	561.0	551.9	545.3	572.0	.
Portugal	321	317	5.2	58.7	36.1	0.8	0.4	535.4	519.1	492.9	510.7	554.0
Qatar	283	279	32.3	57.8	9.9	2.3	0.0	473.6	470.6	459.7	543.2	.
Romania	188	151	22.2	62.0	15.9	20.5	0.0	514.9	534.1	521.1	520.0	.
Saudi Arabia	217	193	33.9	50.0	16.1	10.1	0.7	440.5	422.4	410.7	436.0	425.2
Serbia	213	213	7.3	73.1	19.6	0.0	0.0	512.7	514.0	493.5	.	.
Singapore	362	361	3.7	57.0	39.3	0.3	0.0	620.7	621.5	585.8	585.9	.
Slovak Republic	269	269	2.8	51.1	46.1	0.0	0.0	540.1	536.1	502.2	.	.
Slovenia	269	262	2.4	62.1	35.5	1.6	0.0	552.5	526.8	521.0	543.1	.
South Africa (5)	287	236	4.8	50.9	44.2	17.4	1.2	345.4	316.4	297.0	308.1	217.0
Spain	582	567	6.2	63.1	30.7	2.0	0.1	523.3	509.1	489.4	512.4	466.1
Sweden	250	213	6.2	50.2	43.6	13.1	1.0	553.8	542.9	520.9	527.4	477.7
Turkiye (5)	171	171	8.1	56.5	35.4	0.0	0.0	622.7	577.1	547.0	.	.
United Arab Emirates	1435	1294	31.2	56.5	12.2	8.5	0.2	527.1	490.0	436.6	490.0	616.1
United States	495	477	5.8	52.4	41.8	3.5	0.2	551.2	548.1	510.6	527.0	551.7
Uzbekistan	168	164	17.1	71.3	11.5	2.0	0.6	414.5	410.8	411.6	420.6	446.7
International Avg. (58)	17865	16232	9.6	58.2	32.2	8.5	0.5	513.8	500.6	480.0	492.5	481.9
Ontario, Canada	286	245	5.0	57.8	37.2	11.2	1.2	551.5	531.4	514.2	515.6	564.5
Quebec, Canada	215	195	5.1	62.5	32.4	7.1	0.4	534.2	509.7	498.4	509.8	521.1
Abu Dhabi, UAE	553	503	15.3	65.6	19.1	7.7	0.1	479.7	453.0	398.5	439.2	530.5
Dubai, UAE	359	318	36.0	52.4	11.6	8.7	0.0	588.3	561.7	501.2	542.8	.
Sharjah, UAE	284	250	46.4	45.5	8.1	10.9	0.9	517.8	495.8	453.2	491.7	659.8

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	98	0.9	17.7	12.2	7.4	9.3	9.9	11.9	13.1	13.1	13.1	13.1	13.1
Armenia	211	197	3.9	1.9	11.4	5.3	8.8	9.9	10.5	11.1	13.1	13.1	13.1	13.1
Australia	347	256	1.2	26.9	10.1	4.2	6.0	7.0	8.8	9.9	11.9	13.1	13.1	13.1
Azerbaijan	271	226	3.3	12.8	11.2	4.2	7.4	8.8	9.9	11.9	13.1	13.1	13.1	13.1
Bahrain	212	212	0.0	0.0	11.2	4.2	7.0	7.9	9.9	11.9	13.1	13.1	13.1	13.1
Belgium (Flemish)	278	215	0.6	19.7	9.0	5.3	6.7	7.4	8.3	8.8	9.9	10.5	11.9	13.1
Belgium (French)	344	294	0.8	13.7	9.0	4.2	6.0	6.5	7.4	8.8	9.9	11.9	13.1	13.1
Bosnia & Herzegovina	236	179	2.7	20.2	10.4	4.2	7.4	8.3	9.3	10.5	11.9	13.1	13.1	13.1
Brazil	1047	1007	2.0	1.5	10.2	4.2	6.5	7.4	8.8	10.5	11.9	13.1	13.1	13.1
Bulgaria	208	205	0.8	1.0	10.8	4.2	7.8	8.3	9.9	10.5	11.9	13.1	13.1	13.1
Canada	917	820	1.4	8.8	9.3	4.2	6.0	6.5	7.9	9.3	11.1	13.1	13.1	13.1
Chile	178	163	0.5	7.1	9.3	5.3	7.0	7.4	7.9	8.8	10.5	13.1	13.1	13.1
Chinese Taipei	238	236	0.2	0.0	9.5	5.3	7.0	7.4	8.3	9.3	10.5	11.9	13.1	13.1
Cyprus	267	265	0.0	0.8	10.2	4.2	6.5	7.4	8.3	9.9	13.1	13.1	13.1	13.1
Czech Republic	344	339	0.3	1.1	9.7	5.3	7.0	7.9	8.8	9.9	10.5	11.1	13.1	13.1
Denmark	278	216	2.3	19.1	9.4	4.2	6.5	7.0	7.9	9.3	11.1	13.1	13.1	13.1
England	178	135	0.0	19.9	11.0	5.3	7.0	7.9	9.9	11.1	13.1	13.1	13.1	13.1
Finland	369	356	0.6	2.6	9.1	4.2	6.5	7.0	7.9	8.8	9.9	11.9	13.1	13.1
France	306	252	1.3	15.9	9.2	5.3	6.5	7.0	7.9	8.8	10.5	11.9	13.1	13.1
Georgia	218	217	0.2	0.0	10.7	4.2	7.9	8.3	9.3	11.1	11.9	13.1	13.1	13.1
Germany	243	209	0.3	13.5	9.3	4.2	6.5	7.4	8.3	9.3	10.5	11.1	11.9	13.1
Hong Kong SAR	182	124	0.0	31.0	10.8	4.2	7.9	7.9	9.3	10.5	13.1	13.1	13.1	13.1
Hungary	263	218	0.0	15.4	9.8	4.2	7.0	7.4	8.3	9.9	11.1	13.1	13.1	13.1
Iran, Islamic Rep. of	224	222	0.8	0.0	11.0	4.2	7.4	8.3	9.9	11.1	13.1	13.1	13.1	13.1
Ireland	239	237	0.5	0.4	11.4	4.2	7.9	8.3	10.5	11.9	13.1	13.1	13.1	13.1
Italy	266	263	0.7	0.7	9.5	5.3	7.0	7.4	8.3	9.3	10.5	11.9	13.1	13.1
Japan	142	138	1.6	1.6	8.2	4.2	6.5	7.0	7.9	8.3	8.8	9.3	9.9	11.1
Jordan	224	221	0.0	0.3	10.2	4.2	6.5	7.0	8.3	10.5	11.9	13.1	13.1	13.1
Kazakhstan	303	285	5.3	1.3	11.0	4.2	7.9	8.3	9.3	11.1	13.1	13.1	13.1	13.1
Korea, Rep. of	199	181	0.5	7.5	9.8	4.2	7.0	7.4	8.3	9.3	11.1	13.1	13.1	13.1
Kosovo	231	201	3.2	9.5	11.2	6.0	7.9	8.8	9.9	11.9	13.1	13.1	13.1	13.1
Kuwait	164	163	0.0	0.7	11.1	6.5	7.9	8.3	9.9	11.1	13.1	13.1	13.1	13.1
Latvia	213	207	0.0	3.5	9.4	4.2	7.0	7.4	8.3	9.3	10.5	11.1	11.9	13.1
Lithuania	250	248	0.2	0.5	10.1	4.2	7.4	8.3	8.8	9.9	11.1	13.1	13.1	13.1
Macao SAR	275	275	0.0	0.0	10.2	4.2	6.5	7.4	8.8	10.5	11.9	13.1	13.1	13.1
Montenegro	338	321	1.0	4.0	11.0	4.2	7.9	8.8	9.9	10.5	13.1	13.1	13.1	13.1
Morocco	303	288	0.0	5.3	10.4	5.3	6.5	7.9	8.8	10.5	11.9	13.1	13.1	13.1
Netherlands	188	121	0.4	32.9	10.1	5.3	7.0	7.9	8.3	9.9	11.9	13.1	13.1	13.1
New Zealand	396	215	1.2	44.0	10.6	4.2	7.4	7.9	8.8	10.5	13.1	13.1	13.1	13.1
North Macedonia	274	203	1.4	25.2	11.1	6.0	7.0	8.3	9.9	11.1	13.1	13.1	13.1	13.1
Norway (5)	314	231	0.8	22.4	9.1	4.2	6.0	6.5	7.9	9.3	10.5	11.1	13.1	13.1
Oman	287	278	1.0	2.1	10.2	4.2	6.5	7.4	8.8	9.9	11.9	13.1	13.1	13.1
Poland	267	266	0.0	0.7	9.6	5.3	7.0	7.4	8.3	9.3	10.5	11.9	13.1	13.1
Portugal	321	317	0.4	0.8	10.9	6.0	7.9	8.3	9.3	10.5	13.1	13.1	13.1	13.1
Qatar	283	278	0.6	2.3	11.8	5.3	7.9	8.8	10.5	13.1	13.1	13.1	13.1	13.1
Romania	188	151	0.0	20.5	11.3	5.3	8.3	8.4	10.5	11.9	13.1	13.1	13.1	13.1
Saudi Arabia	217	192	1.2	10.1	11.4	4.2	7.4	8.3	10.5	11.9	13.1	13.1	13.1	13.1
Serbia	213	212	0.5	0.0	10.6	5.3	7.4	8.3	9.3	10.5	11.9	13.1	13.1	13.1
Singapore	362	361	0.0	0.3	10.6	5.3	7.0	7.9	9.3	10.5	13.1	13.1	13.1	13.1
Slovak Republic	269	269	0.0	0.0	9.7	4.2	7.0	7.9	8.3	9.9	10.5	11.9	13.1	13.1
Slovenia	269	262	0.0	1.6	8.7	5.3	6.0	7.0	7.9	8.8	9.3	10.5	11.1	13.1
South Africa (5)	287	239	0.0	17.4	9.5	4.2	6.0	7.0	7.9	9.3	11.1	13.1	13.1	13.1
Spain	582	565	0.6	2.0	10.8	4.2	7.4	8.3	9.3	11.1	13.1	13.1	13.1	13.1
Sweden	250	213	1.0	13.1	8.9	4.2	6.0	7.0	7.9	8.8	9.9	11.1	13.1	13.1
Turkiye (5)	171	170	0.8	0.0	10.0	4.2	6.5	7.0	8.3	9.9	11.9	13.1	13.1	13.1
United Arab Emirates	1435	1288	0.6	8.5	11.4	4.2	7.4	8.3	9.9	13.1	13.1	13.1	13.1	13.1
United States	495	478	0.0	3.5	9.4	4.2	6.0	6.5	7.9	9.3	11.1	13.1	13.1	13.1
Uzbekistan	168	158	3.9	2.0	12.2	7.9	9.3	10.5	11.9	13.1	13.1	13.1	13.1	13.1
International Avg. (58)	17865	16156	0.9	8.5	10.3	4.7	7.1	7.8	9.0	10.3	11.8	12.6	12.9	13.0
Ontario, Canada	286	243	1.9	11.2	9.2	4.2	6.0	6.5	7.4	8.8	10.5	13.1	13.1	13.1
Quebec, Canada	215	194	0.8	7.1	8.8	4.2	6.0	6.5	7.9	8.8	9.9	11.1	11.9	13.1
Abu Dhabi, UAE	553	498	0.8	7.7	10.8	4.2	7.0	7.9	8.8	10.5	13.1	13.1	13.1	13.1
Dubai, UAE	359	318	0.0	8.7	11.4	4.2	7.4	8.3	9.9	13.1	13.1	13.1	13.1	13.1
Sharjah, UAE	284	250	0.9	10.9	12.0	6.0	8.3	9.3	11.1	13.1	13.1	13.1	13.1	13.1

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

Country	Sample	Valid N	1.Very safe and orderly y %	2.Some what safe and orderly y %	3.Less than safe and orderly y %	Not admini stered %	Omitte d %	1.Very safe and orderly y Mean	2.Some what safe and orderly y Mean	3.Less than safe and orderly y Mean	Not admini stered Mean	Omitte d Mean
Albania	123	98	87.1	12.9	0.0	17.7	0.9	486.7	490.0	.	507.0	484.4
Armenia	211	197	81.8	17.8	0.5	1.9	3.9	458.4	452.7	456.7	461.0	453.9
Australia	347	256	49.1	44.4	6.6	26.9	1.2	560.0	547.7	513.7	545.2	527.8
Azerbaijan	271	226	72.2	26.9	1.0	12.8	3.3	421.7	423.1	395.7	420.6	420.3
Bahrain	212	212	68.8	26.8	4.3	0.0	0.0	487.1	445.9	462.7	.	.
Belgium (Flemish)	278	215	21.2	73.8	5.0	19.7	0.6	505.8	487.8	481.5	477.0	491.1
Belgium (French)	344	294	24.1	65.0	10.9	13.7	0.8	500.6	478.9	471.7	464.2	481.8
Bosnia & Herzegovina	236	179	59.7	37.7	2.5	20.2	2.7	448.0	451.5	476.7	438.8	470.7
Brazil	1047	1007	51.9	41.3	6.9	1.5	2.0	438.5	414.1	394.7	439.3	396.9
Bulgaria	208	205	70.9	27.7	1.4	1.0	0.8	536.0	520.0	424.2	515.0	495.6
Canada	917	820	34.4	51.8	13.8	8.8	1.4	533.5	517.2	506.0	515.3	548.1
Chile	178	163	30.9	64.7	4.4	7.1	0.5	486.0	478.4	461.9	471.0	452.7
Chinese Taipei	238	236	36.8	59.1	4.1	0.0	0.2	570.4	573.1	588.3	.	522.9
Cyprus	267	265	47.6	46.3	6.1	0.8	0.0	495.6	482.9	453.2	471.0	.
Czech Republic	344	339	41.9	56.0	2.1	1.1	0.3	525.5	526.2	523.4	525.8	523.4
Denmark	278	216	34.7	56.8	8.5	19.1	2.3	529.8	520.5	504.1	521.6	519.5
England	178	135	70.2	26.3	3.4	19.9	0.0	561.4	553.3	534.1	548.2	.
Finland	369	356	21.6	70.5	7.9	2.6	0.6	555.5	541.2	524.8	505.6	543.2
France	206	252	27.9	64.7	7.4	15.9	1.3	502.6	485.5	468.6	482.2	501.4
Georgia	218	217	60.1	37.6	2.3	0.0	0.2	466.7	463.4	447.8	.	422.8
Germany	243	209	31.9	62.9	5.2	13.5	0.3	523.8	513.0	486.2	517.8	529.7
Hong Kong SAR	182	124	59.2	38.9	2.0	31.0	0.0	544.9	538.3	517.5	552.9	.
Hungary	263	218	40.0	56.5	3.5	15.4	0.0	533.0	516.7	517.0	529.8	.
Iran, Islamic Rep. of	224	222	70.5	27.5	1.9	0.0	0.8	434.1	428.5	404.3	.	448.4
Ireland	239	237	75.6	22.9	1.6	0.4	0.5	536.5	520.3	483.2	537.9	511.7
Italy	266	263	35.4	59.9	4.7	0.7	0.7	515.4	508.6	501.3	504.4	497.1
Japan	142	138	3.3	88.1	8.5	1.6	1.6	556.4	555.4	547.1	568.6	546.6
Jordan	224	221	50.3	41.4	8.4	0.3	0.0	421.9	411.8	424.6	336.1	346.1
Kazakhstan	303	285	65.4	33.8	0.9	1.3	5.3	470.6	458.9	430.8	484.2	466.5
Korea, Rep. of	199	181	42.9	53.7	3.4	7.5	0.5	588.0	581.3	581.3	574.2	558.9
Kosovo	231	201	69.0	29.6	1.5	9.5	3.2	406.3	405.5	475.2	386.5	343.3
Kuwait	164	163	72.9	25.0	2.1	0.7	0.0	384.9	339.8	332.5	495.2	.
Latvia	213	207	35.2	60.3	4.5	3.5	0.0	533.6	524.2	495.2	508.8	.
Lithuania	250	248	46.0	51.5	2.5	0.5	0.2	539.4	535.5	512.4	572.4	561.6
Macao SAR	275	275	50.6	43.5	5.8	0.0	0.0	536.5	537.4	517.5	.	.
Montenegro	338	321	74.4	23.6	2.0	4.0	1.0	463.6	449.2	453.1	469.7	486.9
Morocco	303	288	55.1	39.3	5.7	5.3	0.0	411.0	375.8	312.1	365.7	342.3
Netherlands	188	121	42.9	55.7	1.4	32.9	0.4	522.0	512.8	507.9	517.3	529.4
New Zealand	396	215	57.4	39.9	2.7	44.0	1.2	530.9	517.0	522.8	506.8	512.2
North Macedonia	274	203	71.7	24.6	3.7	25.2	1.4	441.3	444.4	392.5	433.4	448.4
Norway (5)	314	231	31.4	55.9	12.8	22.4	0.8	544.7	528.5	517.8	523.6	552.3
Oman	287	278	49.6	44.4	6.0	2.1	1.0	436.9	429.6	415.9	433.7	452.6
Poland	267	266	35.8	61.4	2.8	0.7	0.0	549.6	549.6	553.1	572.0	.
Portugal	321	317	64.1	35.0	0.9	0.8	0.4	512.0	507.7	507.1	510.7	554.0
Qatar	283	278	82.5	15.9	1.6	2.3	0.6	473.5	461.8	434.1	543.2	382.2
Romania	188	151	76.8	22.3	0.9	20.5	0.0	529.5	522.9	504.0	520.0	.
Saudi Arabia	217	192	75.8	21.0	3.2	10.1	1.2	431.5	410.3	425.0	436.0	413.2
Serbia	213	212	58.5	38.6	2.9	0.0	0.5	510.3	509.4	512.1	.	484.7
Singapore	362	361	59.6	37.2	3.1	0.3	0.0	609.3	603.9	613.1	585.9	.
Slovak Republic	269	269	38.6	57.4	4.0	0.0	0.0	532.8	516.4	463.7	.	.
Slovenia	269	262	15.7	75.3	9.0	1.6	0.0	522.5	526.5	521.3	543.1	.
South Africa (5)	287	239	38.6	52.8	8.6	17.4	0.0	338.3	293.6	258.9	308.1	.
Spain	582	565	64.8	31.5	3.6	2.0	0.6	509.2	493.1	505.6	512.4	482.3
Sweden	250	213	21.4	70.9	7.8	13.1	1.0	539.3	535.2	508.5	527.4	477.7
Turkiye (5)	171	170	48.0	45.6	6.4	0.0	0.8	575.6	563.7	575.0	.	567.5
United Arab Emirates	1435	1288	73.3	25.1	1.6	8.5	0.6	511.7	449.0	461.6	490.0	531.2
United States	495	478	36.1	53.5	10.4	3.5	0.0	544.5	529.4	508.1	527.0	.
Uzbekistan	168	158	92.7	7.3	0.0	2.0	3.9	410.8	417.1	.	420.6	422.5
International Avg. (58)	17865	16156	51.8	43.8	4.4	8.5	0.9	500.8	489.2	478.4	492.5	481.5
Ontario, Canada	286	243	32.3	48.7	19.1	11.2	1.9	530.5	526.4	515.1	515.6	568.9
Quebec, Canada	215	194	21.3	66.6	12.0	7.1	0.8	520.1	506.9	487.0	509.8	511.4
Abu Dhabi, UAE	553	498	61.3	37.6	1.1	7.7	0.8	471.1	407.9	436.9	439.2	417.3
Dubai, UAE	359	318	74.2	22.9	2.9	8.7	0.0	577.9	530.2	483.1	542.8	.
Sharjah, UAE	284	250	84.6	14.3	1.1	10.9	0.9	511.1	457.3	432.2	491.7	659.8

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	96	3.0	17.7	11.5	8.4	9.1	9.1	11.2	12.3	12.3	12.3	12.3	12.3
Armenia	211	202	1.1	1.9	10.8	7.3	8.4	8.4	10.1	11.2	12.3	12.3	12.3	12.3
Australia	347	253	1.7	26.9	9.5	4.6	5.7	6.3	7.8	9.6	12.3	12.3	12.3	12.3
Azerbaijan	271	225	4.1	12.8	10.9	4.6	7.8	8.4	10.1	11.2	12.3	12.3	12.3	12.3
Bahrain	212	212	0.0	0.0	11.3	4.6	7.3	9.1	10.6	12.3	12.3	12.3	12.3	12.3
Belgium (Flemish)	278	215	0.8	19.7	10.0	4.6	6.8	7.3	8.4	10.1	12.3	12.3	12.3	12.3
Belgium (French)	344	294	1.0	13.7	9.4	4.6	6.3	6.8	7.8	9.6	11.2	12.3	12.3	12.3
Bosnia & Herzegovina	236	180	2.2	20.2	10.8	5.7	7.8	8.4	9.6	11.2	12.3	12.3	12.3	12.3
Brazil	1047	1004	1.9	1.5	10.3	4.6	6.8	7.3	8.4	10.6	12.3	12.3	12.3	12.3
Bulgaria	208	206	0.0	1.0	10.5	4.6	7.3	7.8	9.6	10.6	12.3	12.3	12.3	12.3
Canada	917	815	2.1	8.8	9.5	4.6	5.7	6.8	7.8	9.6	11.2	12.3	12.3	12.3
Chile	178	164	0.0	7.1	10.7	6.3	8.4	8.4	9.1	11.2	12.3	12.3	12.3	12.3
Chinese Taipei	238	238	0.0	0.0	9.7	4.6	5.7	6.3	8.4	10.1	12.3	12.3	12.3	12.3
Cyprus	267	264	0.5	0.8	9.7	4.6	6.3	6.8	8.4	9.6	12.3	12.3	12.3	12.3
Czech Republic	344	340	0.0	1.1	9.2	4.6	6.3	6.8	7.8	9.1	11.2	12.3	12.3	12.3
Denmark	278	216	1.8	19.1	9.6	4.6	5.7	6.8	8.4	9.6	11.2	12.3	12.3	12.3
England	178	134	0.5	19.9	9.2	4.6	6.3	6.8	7.8	9.1	10.6	12.3	12.3	12.3
Finland	369	356	0.6	2.6	9.1	4.6	5.7	6.3	7.8	9.1	10.6	12.3	12.3	12.3
France	306	253	1.0	15.9	9.0	4.6	6.3	6.3	7.8	9.1	10.6	11.2	12.3	12.3
Georgia	218	217	0.6	0.0	10.7	6.3	7.8	8.4	9.6	11.2	12.3	12.3	12.3	12.3
Germany	243	210	0.0	13.5	9.4	4.6	6.3	7.3	8.4	9.6	10.6	12.3	12.3	12.3
Hong Kong SAR	182	123	1.0	31.0	9.7	4.6	5.7	6.3	8.4	10.1	12.3	12.3	12.3	12.3
Hungary	263	218	0.0	15.4	9.4	4.6	6.3	6.8	8.4	9.1	10.6	12.3	12.3	12.3
Iran, Islamic Rep. of	224	223	0.3	0.0	11.4	4.6	8.4	9.1	10.6	12.3	12.3	12.3	12.3	12.3
Ireland	239	237	0.5	0.4	9.9	4.6	6.3	7.3	8.4	10.1	12.3	12.3	12.3	12.3
Italy	266	264	0.0	0.7	10.5	4.6	7.3	8.4	9.6	10.6	12.3	12.3	12.3	12.3
Japan	142	138	1.6	1.6	8.7	4.6	4.6	6.3	7.3	8.4	10.1	12.3	12.3	12.3
Jordan	224	221	0.0	0.3	10.6	4.6	5.7	7.8	9.1	11.2	12.3	12.3	12.3	12.3
Kazakhstan	303	282	6.2	1.3	10.7	4.6	7.8	8.4	9.6	11.2	12.3	12.3	12.3	12.3
Korea, Rep. of	199	181	0.5	7.5	9.0	4.6	4.6	4.6	6.8	9.1	11.2	12.3	12.3	12.3
Kosovo	231	202	2.1	9.5	11.5	7.8	9.1	9.6	10.6	12.3	12.3	12.3	12.3	12.3
Kuwait	164	163	0.0	0.7	11.4	5.7	8.4	9.1	10.6	12.3	12.3	12.3	12.3	12.3
Latvia	213	207	0.0	3.5	9.5	4.6	6.3	7.3	8.4	9.1	11.2	12.3	12.3	12.3
Lithuania	250	245	1.0	0.5	9.6	4.6	5.7	6.8	8.4	9.6	11.2	12.3	12.3	12.3
Macao SAR	275	274	0.4	0.0	9.5	4.6	4.6	6.3	8.4	9.6	11.2	12.3	12.3	12.3
Montenegro	338	319	0.6	4.0	11.0	4.6	8.4	8.4	9.6	11.3	12.3	12.3	12.3	12.3
Morocco	303	287	0.1	5.3	10.8	4.6	7.3	7.8	9.6	11.2	12.3	12.3	12.3	12.3
Netherlands	188	121	0.4	32.9	10.6	4.6	7.3	8.4	9.6	10.6	12.3	12.3	12.3	12.3
New Zealand	396	216	1.0	44.0	9.5	4.6	6.3	6.8	8.4	9.6	11.2	12.3	12.3	12.3
North Macedonia	274	200	2.7	25.2	11.3	5.7	8.4	8.4	10.6	12.3	12.3	12.3	12.3	12.3
Norway (5)	314	229	2.0	22.4	9.2	4.6	6.3	6.8	7.8	9.1	10.6	12.3	12.3	12.3
Oman	287	276	1.8	2.1	11.1	4.6	7.8	8.4	10.6	11.2	12.3	12.3	12.3	12.3
Poland	267	264	0.7	0.7	8.5	4.6	4.6	6.3	6.8	8.4	10.1	12.3	12.3	12.3
Portugal	321	316	0.7	0.8	10.0	4.6	6.3	7.3	9.1	10.1	11.2	12.3	12.3	12.3
Qatar	283	277	1.0	2.3	11.0	4.6	8.4	8.4	10.1	12.3	12.3	12.3	12.3	12.3
Romania	188	150	0.3	20.5	11.3	4.6	8.4	8.4	10.6	12.3	12.3	12.3	12.3	12.3
Saudi Arabia	217	190	1.9	10.1	11.6	4.6	9.1	9.6	11.2	12.3	12.3	12.3	12.3	12.3
Serbia	213	211	0.8	0.0	10.5	5.7	7.3	8.4	9.6	10.6	12.3	12.3	12.3	12.3
Singapore	362	360	0.2	0.3	9.3	4.6	4.6	6.3	7.8	9.1	11.2	12.3	12.3	12.3
Slovak Republic	269	268	0.3	0.0	9.6	4.6	6.3	6.8	8.4	9.6	11.2	12.3	12.3	12.3
Slovenia	269	262	0.0	1.6	9.8	4.6	6.3	7.3	8.4	9.6	11.2	12.3	12.3	12.3
South Africa (5)	287	238	0.1	17.4	10.4	4.6	7.3	7.8	9.6	10.6	12.3	12.3	12.3	12.3
Spain	582	566	0.5	2.0	10.6	4.6	7.3	8.4	9.6	11.2	12.3	12.3	12.3	12.3
Sweden	250	212	1.4	13.1	10.0	4.6	6.8	7.3	8.4	10.1	12.3	12.3	12.3	12.3
Turkiye (5)	171	169	1.3	0.0	10.1	4.6	6.8	7.8	8.4	10.6	12.3	12.3	12.3	12.3
United Arab Emirates	1435	1286	0.8	8.5	11.2	4.6	7.8	8.4	10.6	12.3	12.3	12.3	12.3	12.3
United States	495	477	0.2	3.5	9.3	4.6	5.7	6.3	7.3	9.1	11.2	12.3	12.3	12.3
Uzbekistan	168	157	4.8	2.0	10.9	7.8	8.4	8.4	10.1	11.2	12.3	12.3	12.3	12.3
International Avg. (58)	17865	16123	1.0	8.5	10.2	5.0	6.9	7.6	9.0	10.4	11.8	12.3	12.3	12.3
Ontario, Canada	286	240	2.9	11.2	9.4	4.6	5.7	6.3	7.8	9.1	11.2	12.3	12.3	12.3
Quebec, Canada	215	193	1.6	7.1	9.6	4.6	6.3	6.8	8.4	9.6	11.2	12.3	12.3	12.3
Abu Dhabi, UAE	553	497	1.4	7.7	11.0	4.6	7.3	8.4	10.1	12.3	12.3	12.3	12.3	12.3
Dubai, UAE	359	316	0.4	8.7	10.9	4.6	7.3	7.8	9.6	12.3	12.3	12.3	12.3	12.3
Sharjah, UAE	284	249	1.1	10.9	11.7	4.6	9.1	10.6	11.2	12.3	12.3	12.3	12.3	12.3

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

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
Albania	123	96	84.5	15.5	0.0	17.7	3.0	488.7	481.1	.	507.0	475.9
Armenia	211	202	76.6	23.4	0.0	1.9	1.1	456.4	460.6	.	461.0	440.2
Australia	347	253	46.3	37.8	15.9	26.9	1.7	554.6	550.8	544.5	545.2	531.6
Azerbaijan	271	225	78.6	19.8	1.6	12.8	4.1	419.1	432.6	480.0	420.6	402.1
Bahrain	212	212	82.1	14.5	3.5	0.0	0.0	481.1	440.1	475.1	.	.
Belgium (Flemish)	278	215	55.1	37.3	7.6	19.7	0.8	493.5	487.2	496.7	477.0	481.4
Belgium (French)	344	294	44.6	43.7	11.7	13.7	1.0	479.0	487.1	484.0	464.2	497.2
Bosnia & Herzegovina	236	180	71.9	26.8	1.3	20.2	2.2	451.6	445.2	457.9	438.8	478.9
Brazil	1047	1004	62.9	28.6	8.5	1.5	1.9	435.6	406.9	405.0	439.3	426.3
Bulgaria	208	206	63.3	32.1	4.6	1.0	0.0	539.4	517.4	483.1	515.0	.
Canada	917	815	45.5	41.4	13.1	8.8	2.1	520.1	523.9	520.4	515.3	521.2
Chile	178	164	67.6	31.2	1.2	7.1	0.0	479.2	481.0	491.6	471.0	.
Chinese Taipei	238	238	50.7	36.7	12.6	0.0	0.0	574.0	570.4	573.5	.	.
Cyprus	267	264	49.7	38.6	11.6	0.8	0.5	489.2	486.1	480.5	471.0	513.1
Czech Republic	344	340	37.5	49.0	13.5	1.1	0.0	525.2	527.3	522.4	525.8	.
Denmark	278	216	45.5	43.0	11.5	19.1	1.8	525.1	519.3	523.0	521.6	515.4
England	178	134	36.2	52.4	11.4	19.9	0.5	562.4	555.0	562.4	548.2	520.7
Finland	369	356	36.0	45.6	18.4	2.6	0.6	540.4	546.3	539.9	505.6	543.2
France	306	253	32.0	53.1	15.0	15.9	1.0	492.5	489.2	480.5	482.2	514.3
Georgia	218	217	73.7	23.6	2.7	0.0	0.6	466.2	463.2	461.5	.	397.9
Germany	243	210	40.3	52.4	7.3	13.5	0.0	515.8	514.0	519.3	517.8	.
Hong Kong SAR	182	123	50.4	34.0	15.6	31.0	1.0	554.3	524.5	537.8	552.9	554.5
Hungary	263	218	40.7	47.1	12.2	15.4	0.0	530.4	515.3	529.9	529.8	.
Iran, Islamic Rep. of	224	223	85.6	12.5	1.9	0.0	0.3	433.0	421.8	477.6	.	340.0
Ireland	239	237	53.0	38.8	8.2	0.4	0.5	536.0	525.6	536.1	537.9	511.7
Italy	266	264	71.6	25.8	2.6	0.7	0.0	509.3	513.1	520.6	504.4	.
Japan	142	138	28.5	51.4	20.1	1.6	1.6	549.4	554.7	560.6	568.6	569.4
Jordan	224	221	69.5	22.3	8.2	0.3	0.0	422.2	410.2	403.0	336.1	346.1
Kazakhstan	303	282	72.8	25.0	2.2	1.3	6.2	467.9	459.5	521.6	484.2	455.6
Korea, Rep. of	199	181	41.0	33.0	26.0	7.5	0.5	588.3	583.5	578.5	574.2	558.9
Kosovo	231	202	88.8	11.2	0.0	9.5	2.1	403.0	420.5	.	386.5	399.6
Kuwait	164	163	83.2	15.5	1.3	0.7	0.0	370.8	383.9	344.4	495.2	.
Latvia	213	207	40.8	51.4	7.8	3.5	0.0	528.8	527.2	505.2	508.8	.
Lithuania	250	245	44.1	42.1	13.8	0.5	1.0	539.1	537.3	529.7	572.4	510.7
Macao SAR	275	274	43.1	41.6	15.4	0.0	0.4	534.5	538.2	532.5	.	552.5
Montenegro	338	319	75.0	22.4	2.6	4.0	0.6	462.3	454.9	449.1	469.7	466.2
Morocco	303	287	72.0	23.4	4.6	5.3	0.1	395.9	385.5	356.4	365.7	328.4
Netherlands	188	121	70.6	26.0	3.5	32.9	0.4	515.1	519.8	525.3	517.3	529.4
New Zealand	396	216	45.1	43.2	11.7	44.0	1.0	517.7	528.3	538.6	506.8	533.9
North Macedonia	274	200	84.0	15.4	0.6	25.2	2.7	439.9	445.2	493.3	433.4	423.9
Norway (5)	314	229	33.9	55.1	11.0	22.4	2.0	532.7	533.4	525.1	523.6	537.4
Oman	287	276	82.6	14.6	2.8	2.1	1.8	432.3	432.0	429.5	433.7	458.3
Poland	267	264	27.5	45.4	27.1	0.7	0.7	547.1	552.1	548.9	572.0	528.2
Portugal	321	316	58.7	32.5	8.7	0.8	0.7	513.3	506.8	505.8	510.7	522.2
Qatar	283	277	75.3	22.1	2.7	2.3	1.0	477.1	452.4	419.1	543.2	503.4
Romania	188	150	79.5	18.4	2.1	20.5	0.3	526.0	534.1	527.6	520.0	592.0
Saudi Arabia	217	190	89.7	9.2	1.1	10.1	1.9	428.3	410.8	393.7	436.0	442.0
Serbia	213	211	65.3	30.5	4.2	0.0	0.8	512.3	505.8	505.5	.	489.1
Singapore	362	360	40.9	42.7	16.4	0.3	0.2	606.6	605.9	615.1	585.9	464.3
Slovak Republic	269	268	48.1	38.9	12.9	0.0	0.3	527.8	512.1	516.7	.	621.5
Slovenia	269	262	48.1	43.4	8.6	1.6	0.0	528.0	524.1	517.0	543.1	.
South Africa (5)	287	238	70.4	26.6	3.0	17.4	0.1	303.3	319.6	311.6	308.1	287.9
Spain	582	566	71.3	24.5	4.1	2.0	0.5	505.7	499.7	499.6	512.4	480.4
Sweden	250	212	54.7	36.6	8.7	13.1	1.4	530.2	536.6	543.3	527.4	506.0
Turkiye (5)	171	169	61.0	33.6	5.4	0.0	1.3	572.5	563.9	577.8	.	585.7
United Arab Emirates	1435	1286	81.6	15.4	3.0	8.5	0.8	495.9	496.8	483.0	490.0	472.8
United States	495	477	42.7	38.6	18.7	3.5	0.2	531.5	534.2	532.4	527.0	481.5
Uzbekistan	168	157	76.7	23.3	0.0	2.0	4.8	411.5	409.2	.	420.6	425.5
International Avg. (58)	17865	16123	59.5	32.4	8.1	8.5	1.0	496.0	492.5	498.0	492.5	483.8
Ontario, Canada	286	240	43.3	44.0	12.8	11.2	2.9	525.1	528.5	522.8	515.6	532.3
Quebec, Canada	215	193	47.3	41.1	11.5	7.1	1.6	505.8	510.7	503.7	509.8	494.4
Abu Dhabi, UAE	553	497	79.6	16.8	3.7	7.7	1.4	447.5	449.9	432.0	439.2	408.5
Dubai, UAE	359	316	74.6	21.7	3.8	8.7	0.4	568.5	554.0	550.0	542.8	452.0
Sharjah, UAE	284	249	91.6	6.5	1.9	10.9	1.1	504.2	481.4	497.2	491.7	634.8

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

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Albania	123	95	3.2	17.7	11.8	3.2	7.5	8.0	10.3	11.4	13.6	15.2	15.2	15.2
Armenia	211	200	2.5	1.9	9.9	3.2	6.6	7.4	8.4	9.8	11.4	12.7	12.7	15.2
Australia	347	248	1.5	27.0	9.4	3.2	6.1	7.1	8.0	9.3	10.8	12.0	13.6	15.2
Azerbaijan	271	224	3.4	12.8	10.1	4.8	6.6	7.5	8.4	10.1	11.4	12.7	15.2	15.2
Bahrain	212	210	0.9	0.0	10.7	4.8	8.0	8.7	9.3	10.3	12.0	13.6	13.6	15.2
Belgium (Flemish)	278	215	0.4	19.7	9.9	3.2	7.1	7.5	8.9	9.8	10.8	12.0	12.7	15.2
Belgium (French)	344	290	0.4	14.9	9.0	3.2	6.6	7.1	8.0	9.3	9.8	10.8	11.4	15.2
Bosnia & Herzegovina	236	178	3.0	20.2	10.8	4.8	7.5	8.4	9.3	10.3	12.0	13.6	15.2	15.2
Brazil	1047	997	2.3	1.6	9.7	3.2	6.6	7.1	8.4	9.8	10.8	12.0	13.6	15.2
Bulgaria	208	206	0.0	1.0	10.5	4.8	7.1	8.1	9.3	10.3	11.4	12.7	14.7	15.2
Canada	917	805	2.1	9.4	9.1	3.2	6.6	7.1	8.0	8.9	9.8	11.4	11.4	15.2
Chile	178	164	0.0	7.1	9.0	3.2	5.6	6.6	8.0	8.9	10.3	11.4	12.0	15.2
Chinese Taipei	238	236	1.1	0.0	9.5	3.2	6.6	7.1	8.4	9.3	10.8	12.0	12.7	15.2
Cyprus	267	262	0.3	1.5	9.3	3.2	6.1	6.6	8.0	9.3	10.6	11.4	12.7	15.2
Czech Republic	344	340	0.0	1.1	11.0	6.8	8.7	9.3	9.8	10.8	12.0	12.7	13.6	15.2
Denmark	278	206	5.6	19.5	10.2	5.6	7.5	8.0	8.9	10.3	11.4	12.7	13.6	15.2
England	178	128	0.0	23.3	10.0	6.1	7.1	8.0	8.9	9.8	10.8	12.0	13.6	15.2
Finland	369	355	0.3	2.7	10.2	3.2	7.5	8.0	8.9	10.3	10.8	12.7	12.7	15.2
France	306	248	0.6	18.1	9.3	4.8	6.6	7.1	8.0	9.3	10.8	11.4	12.0	15.2
Georgia	218	214	2.0	0.0	9.8	3.2	6.6	7.5	8.4	9.8	11.4	12.7	13.6	15.2
Germany	243	209	0.6	13.5	9.8	4.8	7.1	7.5	8.4	9.8	10.8	12.0	12.0	15.2
Hong Kong SAR	182	122	0.3	31.3	10.6	5.6	8.0	8.4	9.3	10.8	12.0	12.7	13.6	15.2
Hungary	263	217	0.0	15.7	10.3	3.2	7.1	7.5	8.9	10.3	11.4	12.7	13.6	15.2
Iran, Islamic Rep. of	224	223	0.2	0.0	9.1	3.2	5.6	6.1	8.0	8.9	10.3	11.4	12.7	15.2
Ireland	239	238	0.0	0.4	9.9	4.8	7.1	8.0	8.9	9.8	10.8	12.0	13.6	15.2
Italy	266	261	0.9	0.7	9.5	3.2	6.1	6.6	8.0	9.8	10.8	12.0	12.7	15.2
Japan	142	137	2.3	1.6	12.1	6.1	8.9	9.3	10.8	12.0	13.6	15.2	15.2	15.2
Jordan	224	221	2.1	0.3	9.2	3.2	5.6	6.6	8.0	8.9	10.3	12.0	12.7	15.2
Kazakhstan	303	284	6.0	1.3	10.9	3.2	6.9	7.5	9.3	10.8	12.7	15.2	15.2	15.2
Korea, Rep. of	199	179	0.8	7.9	9.7	3.2	6.1	7.1	8.4	9.8	10.8	12.0	12.7	15.2
Kosovo	231	202	2.9	9.5	10.8	6.6	8.4	8.9	9.8	10.3	12.0	12.7	13.6	15.2
Kuwait	164	163	0.0	0.7	9.9	4.8	7.1	8.0	8.9	9.8	10.8	12.0	12.7	15.2
Latvia	213	205	0.3	3.8	10.0	5.6	7.5	8.4	8.9	9.8	10.8	12.0	12.7	15.2
Lithuania	250	245	0.9	0.5	8.9	3.2	5.6	6.6	7.5	8.9	10.3	12.0	12.0	15.2
Macao SAR	275	274	0.2	0.0	10.2	5.6	8.4	8.9	9.3	10.3	11.4	12.0	12.7	15.2
Montenegro	338	321	1.5	4.0	10.7	3.2	7.5	8.4	9.3	10.3	12.0	13.6	15.2	15.2
Morocco	303	277	0.0	5.9	8.3	3.2	5.6	6.1	6.6	8.4	9.8	10.8	11.4	15.2
Netherlands	188	119	1.5	32.9	10.5	6.1	7.1	8.0	9.3	10.3	11.4	12.7	13.6	15.2
New Zealand	396	210	0.9	45.2	9.3	3.2	7.1	7.1	8.4	9.3	10.3	11.4	12.7	15.2
North Macedonia	274	201	2.2	25.2	10.6	4.8	6.6	8.0	9.3	10.3	12.0	13.6	15.2	15.2
Norway (5)	314	212	3.1	26.6	9.5	5.6	7.1	7.5	8.4	9.3	10.3	11.4	12.0	15.2
Oman	287	273	2.0	2.6	8.9	3.2	5.6	6.1	7.5	8.9	10.3	12.0	12.7	15.2
Poland	267	264	0.7	0.7	10.7	6.1	8.0	8.4	9.3	10.3	12.0	13.6	15.2	15.2
Portugal	321	316	0.6	0.8	9.7	3.2	6.1	7.1	8.4	9.8	10.8	12.0	12.0	15.2
Qatar	283	275	1.2	2.3	10.2	3.2	7.1	8.4	8.9	9.8	11.4	12.7	13.6	15.2
Romania	188	122	2.8	34.2	10.4	3.2	7.1	8.4	8.9	10.3	12.0	12.7	13.6	15.2
Saudi Arabia	217	188	2.4	10.5	8.1	3.2	3.2	4.8	6.6	8.0	9.3	11.4	12.0	15.2
Serbia	213	212	0.5	0.0	10.4	5.6	7.1	8.0	9.3	10.3	11.4	13.6	13.6	15.2
Singapore	362	361	0.0	0.3	10.7	3.2	8.0	8.9	9.8	10.8	11.4	12.7	13.6	15.2
Slovak Republic	269	268	0.3	0.0	10.1	3.2	6.6	7.1	8.9	10.3	11.4	12.7	13.6	15.2
Slovenia	269	262	0.0	1.6	9.5	4.8	6.6	7.5	8.4	9.3	10.3	12.0	12.7	15.2
South Africa (5)	287	237	0.1	17.8	9.1	3.2	6.6	7.1	8.3	8.9	10.3	10.8	11.4	13.6
Spain	582	561	0.9	2.0	10.4	3.2	7.5	8.0	9.3	10.3	11.4	12.0	13.6	15.2
Sweden	250	204	2.6	14.5	10.1	6.1	7.5	8.0	8.9	9.8	11.4	12.7	12.7	15.2
Turkiye (5)	171	169	1.2	0.0	9.2	4.8	6.1	6.6	8.0	8.9	10.3	11.4	12.7	15.2
United Arab Emirates	1435	1211	1.6	11.2	10.4	3.2	7.1	8.0	8.9	10.3	11.4	13.6	15.2	15.2
United States	495	475	0.4	3.6	9.1	3.2	6.6	7.1	8.0	8.9	10.3	10.8	11.4	15.2
Uzbekistan	168	159	3.2	2.0	11.2	3.2	7.1	8.0	9.3	10.8	12.7	15.2	15.2	15.2
International Avg. (58)	17865	15898	1.3	9.1	9.9	4.1	6.9	7.6	8.7	9.9	11.1	12.4	13.2	15.1
Ontario, Canada	286	237	2.6	11.8	9.0	4.8	6.6	7.1	8.0	8.9	9.8	11.4	11.4	15.2
Quebec, Canada	215	189	1.2	8.0	9.2	4.8	6.6	7.1	8.0	9.3	9.8	11.4	12.0	13.6
Abu Dhabi, UAE	553	464	2.0	11.4	9.9	3.2	6.6	7.5	8.9	9.8	10.8	12.7	13.6	15.2
Dubai, UAE	359	314	0.2	9.4	10.8	3.2	7.5	8.0	9.3	10.8	12.7	13.6	15.2	15.2
Sharjah, UAE	284	223	2.8	14.9	10.7	3.2	8.0	8.9	9.3	10.3	12.0	13.6	15.2	15.2

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

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
Albania	123	95	69.2	26.6	4.2	17.7	3.2	491.3	481.7	476.0	507.0	461.9
Armenia	211	200	28.1	66.3	5.7	1.9	2.5	462.1	455.6	457.2	461.0	446.3
Australia	347	248	17.5	73.1	9.4	27.0	1.5	580.8	547.5	527.4	545.2	534.1
Azerbaijan	271	224	29.5	65.4	5.1	12.8	3.4	423.8	422.5	403.7	420.6	417.0
Bahrain	212	210	35.3	62.9	1.7	0.0	0.9	503.9	460.5	468.9	.	360.4
Belgium (Flemish)	278	215	24.4	72.5	3.2	19.7	0.4	507.5	487.0	463.3	477.0	489.0
Belgium (French)	344	290	7.1	84.9	8.0	14.9	0.4	514.8	483.7	447.2	466.6	528.0
Bosnia & Herzegovina	236	178	40.1	57.5	2.4	20.2	3.0	452.5	451.4	428.1	438.8	438.4
Brazil	1047	997	24.1	67.6	8.3	1.6	2.3	450.2	415.4	428.8	437.3	422.7
Bulgaria	208	206	32.3	65.0	2.7	1.0	0.0	564.1	512.2	539.3	515.0	.
Canada	917	805	11.5	81.5	7.0	9.4	2.1	547.8	519.7	502.9	515.2	522.4
Chile	178	164	11.8	77.3	10.9	7.1	0.0	489.8	482.2	452.7	471.0	.
Chinese Taipei	238	236	19.1	73.8	7.1	0.0	1.1	581.9	570.5	565.9	.	597.6
Cyprus	267	262	15.0	72.9	12.2	1.5	0.3	495.2	486.2	483.1	476.8	491.1
Czech Republic	344	340	45.7	54.3	0.0	1.1	0.0	533.7	519.2	.	525.8	.
Denmark	278	206	27.3	71.6	1.1	19.5	5.6	534.8	517.9	513.2	521.9	517.6
England	178	128	19.1	79.0	1.9	23.3	0.0	591.1	551.1	515.7	550.7	.
Finland	369	355	23.9	73.4	2.7	2.7	0.3	555.6	541.0	480.2	509.7	583.0
France	306	248	15.8	77.1	7.1	18.1	0.6	502.6	485.8	482.5	486.0	534.1
Georgia	218	214	29.8	65.1	5.1	0.0	2.0	470.6	462.3	479.4	.	431.1
Germany	243	209	20.9	75.9	3.2	13.5	0.6	537.9	511.6	448.2	517.8	515.5
Hong Kong SAR	182	122	34.6	64.2	1.2	31.3	0.3	565.2	527.8	600.6	552.3	619.1
Hungary	263	217	33.9	61.5	4.6	15.7	0.0	538.3	517.9	479.4	530.6	.
Iran, Islamic Rep. of	224	223	15.5	71.4	13.1	0.0	0.2	443.7	425.8	452.4	.	445.3
Ireland	239	238	18.4	77.0	4.6	0.4	0.0	548.6	529.5	504.5	537.9	.
Italy	266	261	21.9	67.1	10.9	0.7	0.9	509.9	512.0	502.2	504.4	526.0
Japan	142	137	64.5	33.8	1.7	1.6	2.3	558.2	547.9	576.3	568.6	537.3
Jordan	224	221	17.3	69.5	13.2	0.3	2.1	448.2	405.8	439.8	336.1	431.8
Kazakhstan	303	284	47.2	47.9	4.9	1.3	6.0	471.1	463.1	466.9	484.2	454.0
Korea, Rep. of	199	179	24.6	68.1	7.3	7.9	0.8	594.8	581.1	576.3	575.3	564.4
Kosovo	231	202	37.3	62.3	0.5	9.5	2.9	408.7	403.3	437.3	386.5	386.2
Kuwait	164	163	20.1	74.9	5.0	0.7	0.0	391.7	372.6	293.5	495.2	.
Latvia	213	205	22.3	74.7	3.0	3.8	0.3	534.4	524.3	517.0	508.2	490.1
Lithuania	250	245	14.2	72.1	13.6	0.5	0.9	550.7	534.2	534.4	572.4	555.5
Macao SAR	275	274	25.7	74.2	0.1	0.0	0.2	538.7	535.1	402.8	.	459.8
Montenegro	338	321	37.6	58.0	4.3	4.0	1.5	463.5	458.2	458.7	469.7	465.6
Morocco	303	277	7.2	67.4	25.4	5.9	0.0	388.6	399.2	372.8	366.6	.
Netherlands	188	119	33.9	65.0	1.1	32.9	1.5	527.6	512.3	473.3	517.3	502.0
New Zealand	396	210	12.4	82.6	4.9	45.2	0.9	553.6	520.2	505.5	508.5	536.0
North Macedonia	274	201	37.5	57.5	5.0	25.2	2.2	461.9	428.1	444.6	433.4	403.1
Norway (5)	314	212	15.0	81.3	3.7	26.6	3.1	535.0	532.4	534.2	522.7	541.9
Oman	287	273	13.5	68.2	18.3	2.6	2.0	453.5	433.8	410.5	442.7	440.0
Poland	267	264	33.9	65.0	1.1	0.7	0.7	552.9	548.7	523.0	572.0	528.2
Portugal	321	316	22.8	67.8	9.3	0.8	0.6	527.2	505.4	505.3	510.7	549.8
Qatar	283	275	26.1	70.9	3.0	2.3	1.2	499.9	461.9	428.3	543.2	441.2
Romania	188	122	40.0	55.0	4.9	34.2	2.8	545.7	525.8	518.4	514.4	507.8
Saudi Arabia	217	188	11.2	63.4	25.4	10.5	2.4	437.1	426.6	420.5	439.7	423.8
Serbia	213	212	31.9	64.2	4.0	0.0	0.5	520.1	504.4	518.5	.	484.7
Singapore	362	361	37.5	61.0	1.5	0.3	0.0	628.8	595.6	555.7	585.9	.
Slovak Republic	269	268	32.9	60.3	6.9	0.0	0.3	540.6	512.2	500.9	.	450.1
Slovenia	269	262	16.6	76.3	7.2	1.6	0.0	526.8	525.6	519.2	543.1	.
South Africa (5)	287	237	5.8	86.8	7.4	17.8	0.1	326.9	307.7	292.3	309.3	287.9
Spain	582	561	34.9	62.1	3.0	2.0	0.9	512.8	500.5	468.8	512.2	508.9
Sweden	250	204	29.9	68.4	1.6	14.5	2.6	540.4	531.2	510.0	529.4	515.4
Turkiye (5)	171	169	13.9	75.8	10.3	0.0	1.2	600.9	566.1	561.5	.	542.3
United Arab Emirates	1435	1211	32.3	63.2	4.5	11.2	1.6	536.3	481.1	436.9	481.2	480.9
United States	495	475	8.4	85.6	6.0	3.6	0.4	558.4	533.1	494.8	526.0	477.9
Uzbekistan	168	159	48.8	46.3	4.9	2.0	3.2	412.2	409.5	420.5	420.6	421.5
International Avg. (58)	17865	15898	26.4	67.5	6.1	9.1	1.3	509.4	490.8	477.6	492.9	484.8
Ontario, Canada	286	237	12.3	81.2	6.4	11.8	2.6	545.5	524.7	511.2	514.7	536.8
Quebec, Canada	215	189	10.6	83.2	6.2	8.0	1.2	518.2	507.0	490.8	512.1	498.5
Abu Dhabi, UAE	553	464	25.0	68.3	6.7	11.4	2.0	505.6	431.4	409.7	436.0	402.0
Dubai, UAE	359	314	39.0	57.5	3.5	9.4	0.2	586.6	554.4	502.3	534.8	624.0
Sharjah, UAE	284	223	37.5	61.4	1.1	14.9	2.8	535.7	486.8	449.1	486.6	533.3