

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	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	444	5.7	0.0	0.0	15.4	4.0	1.0	1.0	3.0	6.0	14.0	24.0	33.0	35.0	44.0
Bahrain	345	332	1.9	0.0	1.8	10.4	11.0	1.0	1.0	2.0	4.0	10.0	14.0	21.0	23.0	30.0
Belgium (Flemish)	295	284	1.2	0.0	1.5	17.7	5.0	1.0	2.0	5.0	10.0	17.0	26.0	32.0	34.0	41.0
Bulgaria	233	225	0.0	0.0	3.4	26.6	30.0	1.0	5.0	15.0	22.0	28.0	33.0	36.0	39.0	60.0
Canada	699	643	5.5	0.0	2.4	14.3	15.0	1.0	2.0	3.0	7.0	14.0	20.0	27.0	30.0	42.0
Chile	180	159	6.9	0.0	3.5	13.4	4.0	1.0	2.0	3.0	5.0	8.0	20.0	32.0	35.0	48.0
Chinese Taipei	178	178	0.0	0.0	0.0	15.4	1.0	1.0	1.0	2.0	8.0	16.0	23.0	26.0	29.0	40.0
Croatia	223	219	1.5	0.0	0.7	23.9	30.0	0.0	5.0	8.0	16.0	25.0	31.0	37.0	40.0	46.0
Cyprus	242	230	1.1	0.0	4.6	14.7	15.0	1.0	4.0	6.0	9.0	15.0	20.0	23.0	25.0	30.0
Czech Republic	265	262	0.8	0.0	0.4	19.7	30.0	1.0	2.0	4.0	9.0	20.0	30.0	35.0	38.0	45.0
Denmark	196	166	11.3	0.0	2.4	12.6	9.0	1.0	1.0	2.0	6.0	11.0	16.0	26.0	31.0	40.0
England	214	192	5.1	0.0	0.9	10.4	2.0	1.0	1.0	1.0	3.0	8.0	15.0	23.0	28.0	37.0
Finland	341	329	4.3	0.0	0.0	16.2	3.0	0.0	2.0	3.0	7.0	16.0	24.0	31.0	35.0	39.0
France	273	254	4.0	0.0	1.7	14.0	10.0	1.0	2.0	4.0	7.0	12.0	19.0	28.0	31.0	40.0
Georgia	188	167	0.7	0.0	9.5	20.4	20.0	1.0	4.0	5.0	11.0	20.0	30.0	37.0	40.0	54.0
Germany	226	198	10.8	0.0	0.7	20.8	15.0	1.0	2.0	3.0	12.0	20.0	30.0	38.0	41.0	52.0
Hong Kong SAR	148	139	1.1	0.0	4.1	12.5	1.0	1.0	1.0	2.0	5.0	10.0	18.0	24.0	28.0	39.0
Hungary	244	240	1.1	0.0	0.4	24.6	30.0	1.0	7.0	10.0	19.0	26.0	31.0	37.0	39.0	40.0
Indonesia	293	271	0.0	0.0	8.3	15.0	10.0	1.0	2.0	4.0	8.0	11.0	23.0	31.0	33.0	40.0
Iran, Islamic Rep. of	291	288	0.0	0.0	1.0	17.2	20.0	1.0	3.0	4.0	9.0	18.0	25.0	28.0	30.0	39.0
Ireland	214	206	0.0	0.0	3.5	13.4	10.0	1.0	2.0	3.0	6.0	10.0	17.0	30.0	33.0	42.0
Italy	257	239	4.6	0.0	3.0	23.0	20.0	1.0	7.0	10.0	15.0	23.0	32.0	37.0	39.0	42.0
Japan	157	156	0.3	0.0	0.0	16.4	2.0	1.0	1.0	2.0	4.0	14.0	28.0	33.0	35.0	43.0
Kazakhstan	239	228	0.5	0.0	3.2	20.9	25.0	1.0	3.0	5.0	12.0	22.0	30.0	37.0	39.0	46.0
Korea, Rep. of	182	181	0.6	0.0	0.0	15.2	4.0	0.0	1.0	2.0	6.0	14.0	24.0	31.0	34.0	41.0
Kuwait	294	260	7.6	0.0	5.9	8.3	7.0	1.0	2.0	2.0	5.0	8.0	11.0	13.0	19.0	40.0
Lithuania	291	285	1.1	0.0	0.1	27.4	30.0	1.0	13.0	16.0	22.0	28.0	35.0	39.0	41.0	50.0
Morocco	367	340	4.4	0.0	3.1	20.0	32.0	1.0	3.0	4.0	12.0	20.0	30.0	35.0	36.0	42.0
Netherlands	223	170	21.4	0.0	0.7	17.3	6.0	1.0	3.0	5.0	8.0	14.0	27.0	36.0	38.0	42.0
New Zealand	461	438	2.2	0.0	2.7	14.2	7.0	0.0	2.0	3.0	6.0	12.0	20.0	30.0	35.0	44.0
Northern Ireland	154	130	17.4	0.0	1.2	15.1	19.0	1.0	3.0	3.0	8.0	15.0	21.0	27.0	30.0	37.0
Norway (5)	227	197	11.9	0.0	0.0	13.4	3.0	1.0	2.0	3.0	6.0	11.0	19.0	30.0	33.0	44.0
Oman	357	339	0.4	0.0	3.8	9.3	4.0	1.0	3.0	4.0	5.0	9.0	12.0	17.0	20.0	30.0
Poland	254	253	0.0	0.0	0.3	21.1	11.0	1.0	4.0	7.0	12.0	23.0	30.0	33.0	35.0	39.0
Portugal	322	300	5.1	0.0	2.0	21.6	15.0	4.0	11.0	13.0	15.0	20.0	28.0	34.0	36.0	40.0
Qatar	227	215	0.0	0.0	4.6	9.7	5.0	1.0	2.0	3.0	4.0	8.0	13.0	20.0	26.0	41.0
Russian Federation	217	210	0.0	0.0	3.0	25.0	25.0	1.0	5.0	10.0	20.0	26.0	30.0	36.0	40.0	52.0
Saudi Arabia	189	178	0.5	0.0	6.6	13.3	9.0	1.0	3.0	4.0	7.0	14.0	20.0	23.0	25.0	35.0
Serbia	192	186	0.0	0.0	2.9	20.2	20.0	1.0	3.0	7.0	15.0	21.0	26.0	32.0	35.0	41.0
Singapore	358	353	1.5	0.0	0.0	11.0	3.0	1.0	2.0	2.0	4.0	9.0	15.0	23.0	30.0	52.0
Slovak Republic	328	325	0.7	0.0	0.6	22.5	30.0	1.0	3.0	4.0	14.0	23.0	31.0	38.0	41.0	49.0
Slovenia	256	242	5.4	0.0	0.3	23.7	30.0	1.0	6.0	10.0	15.0	26.0	32.0	35.0	36.0	40.0
Spain	393	371	4.1	0.0	2.2	19.6	30.0	1.0	3.0	5.0	10.0	18.0	30.0	35.0	37.0	48.0
Sweden	212	191	3.9	0.0	6.2	14.3	10.0	0.0	1.0	2.0	7.0	11.0	18.0	34.0	40.0	42.0
Turkey	251	245	0.0	0.0	2.2	15.9	1.0	1.0	1.0	3.0	8.0	15.0	22.0	33.0	36.0	42.0
United Arab Emirates	840	745	6.0	0.0	4.9	9.3	4.0	1.0	1.0	2.0	4.0	8.0	13.0	19.0	23.0	35.0
United States	492	433	12.7	0.0	0.8	13.2	1.0	1.0	1.0	2.0	6.0	12.0	19.0	26.0	31.0	42.0
International Avg (n=47)	13512	12636	3.7	0.0	2.4	16.8	13.4	1.0	3.0	4.8	9.3	16.0	23.5	30.2	33.3	42.3
Buenos Aires, Argentina	291	129	53.6	0.0	1.8	11.9	7.0	1.0	2.0	3.0	5.0	9.0	17.0	25.0	28.0	38.0
Ontario, Canada	275	250	6.3	0.0	2.9	14.6	15.0	1.0	2.0	4.0	8.0	14.0	20.0	26.0	29.0	42.0
Quebec, Canada	151	140	5.3	0.0	2.3	14.0	15.0	1.0	2.0	3.0	7.0	14.0	20.0	27.0	30.0	37.0
Norway (4)	223	198	9.9	0.0	0.0	14.4	5.0	0.0	1.0	2.0	6.0	14.0	20.0	29.0	33.0	40.0
Abu Dhabi, UAE	212	174	9.4	0.0	6.9	8.8	8.0	1.0	2.0	2.0	5.0	8.0	12.0	17.0	20.0	34.0
Dubai, UAE	290	269	2.5	0.0	4.4	9.0	5.0	1.0	1.0	2.0	4.0	7.0	12.0	20.0	24.0	32.0
Florida, US	120	94	20.6	0.0	0.0	13.1	15.0	1.0	2.0	2.0	6.0	11.0	19.0	28.0	31.0	38.0

Question: Are you female or male?  
 Location: TQG-02 (ATBG02)

Country	Sample	Valid N	1.Female %	2.Male %	Not Administered %	Not Applicable %	Omitted %	1.Female Mean	2.Male Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	444	83.1	16.9	5.7	0.0	0.0	523.4	529.7	510.2	.	.
Bahrain	345	340	77.4	22.6	1.9	0.0	0.0	463.2	447.1	420.5	.	.
Belgium (Flemish)	295	291	82.7	17.3	1.2	0.0	0.0	510.9	515.3	500.5	.	.
Bulgaria	233	231	97.1	2.9	0.0	0.0	0.5	537.6	475.7	.	.	500.1
Canada	699	653	82.4	17.6	5.5	0.0	0.3	525.2	523.8	520.0	.	555.0
Chile	180	163	92.0	8.0	6.9	0.0	1.7	480.3	454.9	473.8	.	462.0
Chinese Taipei	178	178	61.3	38.7	0.0	0.0	0.0	556.2	553.8	.	.	.
Croatia	223	220	96.6	3.4	1.5	0.0	0.0	533.1	543.3	531.0	.	.
Cyprus	242	239	65.7	34.3	1.1	0.0	0.0	480.9	481.7	494.5	.	.
Czech Republic	265	263	94.4	5.6	0.8	0.0	0.0	534.6	529.0	542.1	.	.
Denmark	196	170	47.8	52.2	11.3	0.0	0.0	527.4	525.5	531.9	.	.
England	214	192	71.1	28.9	5.1	0.0	1.1	536.2	537.0	521.2	.	550.3
Finland	341	329	73.5	26.5	4.3	0.0	0.0	552.8	556.1	557.2	.	488.3
France	273	261	83.2	16.8	4.0	0.0	0.3	489.1	482.5	471.5	.	519.4
Georgia	188	186	99.6	0.4	0.7	0.0	0.4	451.6	377.9	438.4	.	462.5
Germany	226	200	92.3	7.7	10.8	0.0	0.4	529.4	515.9	534.0	.	383.5
Hong Kong SAR	148	146	52.8	47.2	1.1	0.0	0.0	556.9	556.3	549.3	.	.
Hungary	244	241	93.2	6.8	1.1	0.0	0.0	543.1	519.8	588.9	.	.
Indonesia	293	293	67.2	32.8	0.0	0.0	0.0	399.3	391.3	.	.	.
Iran, Islamic Rep. of	291	290	72.3	27.7	0.0	0.0	0.1	427.3	404.5	.	.	439.3
Ireland	214	214	83.8	16.2	0.0	0.0	0.0	530.4	521.0	.	.	.
Italy	257	244	98.6	1.4	4.6	0.0	0.0	516.3	517.1	520.4	.	.
Japan	157	156	49.1	50.9	0.3	0.0	0.0	571.5	566.8	545.1	.	.
Kazakhstan	239	237	96.5	3.5	0.5	0.0	0.2	549.9	541.4	529.8	.	571.4
Korea, Rep. of	182	181	78.8	21.2	0.6	0.0	0.0	589.0	590.5	594.1	.	.
Kuwait	294	281	91.4	8.6	7.6	0.0	0.0	340.9	311.7	323.0	.	.
Lithuania	291	286	98.1	1.9	1.1	0.0	0.0	528.8	490.0	492.7	.	.
Morocco	367	349	51.3	48.7	4.4	0.0	0.9	358.3	345.4	338.3	.	437.0
Netherlands	223	170	73.7	26.3	21.4	0.0	0.2	513.6	527.9	516.1	.	541.3
New Zealand	461	448	80.1	19.9	2.2	0.0	0.0	507.1	501.5	483.8	.	.
Northern Ireland	154	131	70.5	29.5	17.4	0.0	0.0	523.5	514.5	514.8	.	.
Norway	227	196	69.2	30.8	11.9	0.0	1.9	540.1	538.7	527.0	.	511.2
Oman	357	350	98.2	1.8	0.4	0.0	0.5	431.8	393.5	395.6	.	422.5
Poland	254	253	94.9	5.1	0.0	0.0	0.3	548.3	527.5	.	.	521.0
Portugal	322	307	87.0	13.0	5.1	0.0	0.2	509.3	502.3	502.5	.	488.5
Qatar	227	226	88.2	11.8	0.0	0.0	0.4	435.2	446.1	.	.	381.8
Russian Federation	217	217	99.6	0.4	0.0	0.0	0.0	567.4	509.9	.	.	.
Saudi Arabia	189	188	50.1	49.9	0.5	0.0	0.0	429.5	351.5	351.8	.	.
Serbia	192	190	88.6	11.4	0.0	0.0	0.9	525.0	519.3	.	.	541.0
Singapore	358	353	71.3	28.7	1.5	0.0	0.0	594.9	579.2	598.2	.	.
Slovak Republic	328	327	97.5	2.5	0.7	0.0	0.0	520.6	503.6	567.2	.	.
Slovenia	256	242	97.3	2.7	5.4	0.0	0.3	543.3	537.3	533.3	.	515.9
Spain	393	375	73.9	26.1	4.1	0.0	0.8	519.3	515.3	519.3	.	506.5
Sweden	212	205	79.9	20.1	3.9	0.0	0.0	545.0	521.0	539.8	.	.
Turkey	251	251	57.0	43.0	0.0	0.0	0.0	482.3	484.8	.	.	.
United Arab Emirates	840	781	90.2	9.8	5.7	0.0	0.9	454.2	438.6	417.5	.	519.3
United States	492	436	85.0	15.0	12.7	0.0	0.2	547.0	538.6	547.0	.	524.0
International Avg (n=47)	13512	12924	80.5	19.5	3.7	0.0	0.3	508.1	494.8	501.1	.	492.8
Buenos Aires, Argentina	291	133	94.8	5.2	53.6	0.0	0.0	421.5	379.6	416.5	.	.
Ontario, Canada	275	255	79.9	20.1	6.3	0.0	0.6	531.8	530.0	512.1	.	559.0
Quebec, Canada	151	143	88.1	11.9	5.2	0.0	0.0	524.1	522.8	534.7	.	.
Norway (4)	223	198	74.8	25.2	9.9	0.0	0.0	496.0	485.0	491.1	.	.
Abu Dhabi, UAE	212	187	86.6	13.4	9.0	0.0	0.3	420.0	395.1	398.9	.	271.9
Dubai, UAE	290	278	90.4	9.6	2.2	0.0	1.4	517.3	504.1	512.5	.	660.6
Florida, US	120	94	90.5	9.5	20.6	0.0	0.0	549.9	553.0	542.1	.	.

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 %	Not Admini- stered %	Not Applic- able %	Omitte- d %
Australia	484	442	3.2	15.4	23.4	25.4	26.1	6.5	5.7	0.0	0.1
Bahrain	345	340	8.9	10.7	47.4	27.6	5.4	0.0	1.9	0.0	0.0
Belgium (Flemish)	295	290	5.7	13.9	31.4	25.8	22.9	0.2	1.2	0.0	0.2
Bulgaria	233	232	0.1	1.6	7.0	35.1	48.8	7.4	0.0	0.0	0.3
Canada	699	648	1.4	10.9	32.5	31.3	21.5	2.4	5.8	0.0	0.9
Chile	180	163	1.3	21.5	30.9	23.1	20.1	3.1	6.9	0.0	1.7
Chinese Taipei	178	178	2.1	13.1	20.7	45.3	17.5	1.3	0.0	0.0	0.0
Croatia	223	220	0.0	4.4	14.0	37.8	33.8	10.0	1.5	0.0	0.0
Cyprus	242	238	0.4	7.8	56.4	32.7	2.8	0.0	1.1	0.0	0.4
Czech Republic	265	262	3.2	5.3	21.3	28.3	34.7	7.3	0.8	0.0	0.3
Denmark	196	170	0.0	5.2	31.5	43.8	14.9	4.6	11.3	0.0	0.0
England	214	193	10.1	23.1	32.2	22.8	10.6	1.3	5.1	0.0	0.3
Finland	341	329	0.1	7.6	31.4	31.6	25.9	3.4	4.3	0.0	0.0
France	273	261	3.2	9.6	37.0	31.3	17.4	1.5	4.0	0.0	0.3
Georgia	188	186	1.0	3.1	26.0	37.1	19.3	13.6	0.7	0.0	0.4
Germany	226	200	0.0	12.3	12.8	29.9	25.9	19.1	10.8	0.0	0.4
Hong Kong SAR	148	145	3.3	12.8	47.4	24.9	11.0	0.5	1.1	0.0	0.8
Hungary	244	240	0.0	1.9	13.1	38.2	42.1	4.6	1.1	0.0	0.4
Indonesia	293	293	3.7	17.2	28.9	29.8	20.5	0.0	0.0	0.0	0.0
Iran, Islamic Rep. of	291	290	0.0	7.5	32.5	43.7	15.6	0.6	0.0	0.0	1.0
Ireland	214	211	8.6	15.2	46.1	17.0	10.7	2.4	0.0	0.0	1.7
Italy	257	244	0.8	0.4	13.8	30.4	41.2	13.4	4.6	0.0	0.0
Japan	157	155	5.7	16.3	26.7	19.9	27.9	3.6	0.3	0.0	0.7
Kazakhstan	239	237	4.7	7.3	21.4	38.2	23.5	4.8	0.5	0.0	0.2
Korea, Rep. of	182	181	6.8	16.9	28.0	27.8	19.2	1.4	0.6	0.0	0.0
Kuwait	294	280	8.3	24.8	49.7	14.6	2.5	0.1	7.6	0.0	0.2
Lithuania	291	286	0.1	0.8	6.4	40.1	41.1	11.5	1.1	0.0	0.0
Morocco	367	351	0.4	8.7	28.7	20.2	39.2	2.8	4.4	0.0	0.3
Netherlands	223	171	4.1	15.9	28.1	14.9	27.0	9.9	21.4	0.0	0.0
New Zealand	461	446	3.7	12.5	24.9	29.3	21.2	8.5	2.2	0.0	0.8
Northern Ireland	154	131	3.8	18.6	25.9	33.2	15.6	2.9	17.4	0.0	0.0
Norway	227	197	3.6	9.9	32.7	31.7	17.4	4.7	11.9	0.0	0.0
Oman	357	350	1.5	22.9	62.6	10.4	2.6	0.0	0.4	0.0	0.5
Poland	254	254	0.0	7.1	19.6	32.2	38.4	2.6	0.0	0.0	0.0
Portugal	322	307	0.0	0.5	28.8	37.8	31.2	1.8	5.1	0.0	0.4
Qatar	227	225	5.7	19.8	40.7	27.0	5.5	1.3	0.0	0.0	0.9
Russian Federation	217	217	0.7	4.4	15.1	43.7	27.8	8.2	0.0	0.0	0.0
Saudi Arabia	189	186	0.9	8.8	57.7	28.9	3.7	0.0	0.5	0.0	2.0
Serbia	192	192	0.5	2.8	16.0	54.8	20.9	5.1	0.0	0.0	0.0
Singapore	358	352	1.9	22.0	41.5	25.0	6.2	3.5	1.5	0.0	0.3
Slovak Republic	328	326	0.0	5.2	20.9	34.4	28.4	11.0	0.7	0.0	0.3
Slovenia	256	242	0.0	1.9	19.3	31.9	45.5	1.3	5.4	0.0	0.3
Spain	393	377	1.4	5.4	24.7	24.5	39.4	4.7	4.1	0.0	0.0
Sweden	212	205	2.8	2.7	26.8	34.7	21.1	11.9	3.9	0.0	0.0
Turkey	251	251	4.6	16.2	30.9	30.4	16.9	0.9	0.0	0.0	0.0
United Arab Emirates	840	778	3.0	20.1	51.1	18.7	6.7	0.4	5.8	0.0	1.3
United States	492	436	4.2	11.9	26.9	28.2	23.5	5.2	12.7	0.0	0.2
International Avg (n=47)	13512	12908	2.7	10.7	29.6	30.3	22.2	4.5	3.7	0.0	0.4
Buenos Aires, Argentina	291	133	3.3	13.9	31.7	34.8	15.7	0.5	53.6	0.0	0.0
Ontario, Canada	275	253	0.7	7.9	32.7	33.5	23.2	2.0	6.3	0.0	1.4
Quebec, Canada	151	141	1.8	13.7	39.8	25.4	17.6	1.6	5.6	0.0	0.0
Norway (4)	223	198	2.4	7.7	23.4	36.2	23.9	6.4	9.9	0.0	0.0
Abu Dhabi, UAE	212	185	3.4	22.5	50.4	15.2	8.4	0.0	9.0	0.0	2.2
Dubai, UAE	290	275	3.4	24.5	45.4	23.2	3.5	0.0	2.3	0.0	1.9
Florida, US	120	94	3.2	8.2	32.9	34.3	17.3	4.1	20.6	0.0	0.0

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

Country	Sample	Valid N	1.Under 25 Mean	2.25-2 9 Mean	3.30-3 9 Mean	4.40-4 9 Mean	5.50-5 9 Mean	6.60 or more Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	442	520.7	524.6	521.6	523.1	531.5	512.7	510.2	.	546.3
Bahrain	345	340	443.0	463.6	463.3	448.3	503.3	.	420.5	.	.
Belgium (Flemish)	295	290	508.4	499.3	509.0	508.9	526.4	524.0	500.5	.	527.8
Bulgaria	233	232	464.7	512.2	507.2	552.0	529.3	534.2	.	.	520.1
Canada	699	648	507.5	536.3	525.7	523.4	526.0	500.7	514.9	.	527.9
Chile	180	163	477.5	474.1	485.4	480.9	473.2	451.1	473.8	.	462.0
Chinese Taipei	178	178	553.7	547.3	560.6	555.9	552.0	575.5	.	.	.
Croatia	223	220	.	516.3	526.7	533.4	540.1	528.7	531.0	.	.
Cyprus	242	238	440.6	490.9	480.0	482.7	462.4	.	494.5	.	487.8
Czech Republic	265	262	523.1	532.3	540.3	535.1	533.4	524.6	542.1	.	533.2
Denmark	196	170	.	518.3	528.7	525.7	524.6	532.9	531.9	.	.
England	214	193	507.0	543.3	536.3	538.8	546.4	547.0	521.2	.	512.7
Finland	341	329	513.3	554.9	553.0	552.2	557.3	544.4	557.2	.	488.3
France	273	261	475.5	474.8	478.2	500.0	495.7	498.2	471.5	.	519.4
Georgia	188	186	485.6	470.3	472.1	445.1	439.0	440.9	438.4	.	397.8
Germany	226	200	.	519.4	524.7	530.0	532.9	528.1	534.0	.	383.5
Hong Kong SAR	148	145	535.1	555.2	558.1	563.7	543.4	472.1	549.3	.	600.5
Hungary	244	240	.	548.3	552.4	546.9	535.2	536.1	588.9	.	380.0
Indonesia	293	293	421.8	413.4	380.2	393.0	406.7	.	.	.	.
Iran, Islamic Rep. of	291	290	.	404.4	406.6	423.3	450.9	430.3	.	.	440.6
Ireland	214	211	528.7	523.8	529.2	533.1	522.3	538.7	.	.	550.8
Italy	257	244	496.3	557.1	525.7	520.2	512.1	510.5	520.4	.	.
Japan	157	155	572.0	566.4	573.0	570.7	566.7	552.5	545.1	.	590.2
Kazakhstan	239	237	554.4	537.8	557.5	557.7	527.9	569.9	529.8	.	571.4
Korea, Rep. of	182	181	583.6	582.7	587.3	592.5	595.4	588.2	594.1	.	.
Kuwait	294	280	326.2	312.2	343.9	360.6	397.1	234.1	323.0	.	439.8
Lithuania	291	286	519.2	516.1	527.8	526.5	531.4	522.6	492.7	.	.
Morocco	367	351	311.3	385.0	352.0	368.9	338.0	361.1	338.3	.	334.7
Netherlands	223	171	521.4	517.9	513.1	520.7	513.3	533.3	516.1	.	.
New Zealand	461	446	495.4	504.8	500.0	504.6	513.1	515.9	483.8	.	519.5
Northern Ireland	154	131	533.7	504.0	518.2	527.0	530.8	512.0	514.8	.	.
Norway	227	197	527.1	530.3	537.3	542.0	546.7	530.4	527.0	.	.
Oman	357	350	447.6	415.2	439.5	418.8	418.2	.	395.6	.	371.4
Poland	254	254	.	541.4	542.0	547.7	549.4	563.4	.	.	.
Portugal	322	307	.	544.3	509.9	506.6	507.4	523.9	502.5	.	519.0
Qatar	227	225	441.3	430.4	423.1	460.2	434.0	460.5	.	.	386.2
Russian Federation	217	217	531.4	553.9	562.5	566.6	570.2	579.1	.	.	.
Saudi Arabia	189	186	346.3	414.2	398.5	373.8	357.4	.	351.8	.	378.0
Serbia	192	192	463.4	531.1	534.7	518.9	531.5	526.7	.	.	.
Singapore	358	352	606.5	591.5	597.2	579.3	569.3	614.8	598.2	.	539.5
Slovak Republic	328	326	.	521.4	520.4	514.3	526.0	521.5	567.2	.	552.2
Slovenia	256	242	.	563.7	537.8	544.8	543.7	534.6	533.3	.	515.9
Spain	393	377	522.9	536.7	510.3	525.0	517.0	510.4	519.3	.	.
Sweden	212	205	548.1	548.6	540.3	542.9	534.8	537.7	539.8	.	.
Turkey	251	251	436.0	453.4	475.5	499.4	506.4	559.9	.	.	.
United Arab Emirates	840	778	445.1	450.7	455.8	457.8	438.3	422.7	417.5	.	437.2
United States	492	436	544.2	543.0	542.2	544.4	546.4	576.9	547.0	.	524.0
International Avg (n=47)	13512	12908	491.6	505.9	505.6	508.2	507.5	513.9	501.0	.	485.3
Buenos Aires, Argentina	291	133	427.4	418.9	404.8	424.8	435.7	415.1	416.5	.	.
Ontario, Canada	275	253	477.4	539.4	535.3	530.2	530.8	490.4	512.1	.	535.8
Quebec, Canada	151	141	570.8	543.9	521.9	516.9	522.9	480.9	532.5	.	.
Norway (4)	223	198	520.6	493.3	490.2	490.0	492.5	514.9	491.1	.	.
Abu Dhabi, UAE	212	185	405.1	415.9	425.7	422.5	381.1	.	398.9	.	323.1
Dubai, UAE	290	275	495.1	513.8	517.3	524.6	492.8	.	509.9	.	597.6
Florida, US	120	94	510.8	537.3	550.7	561.7	541.4	545.0	542.1	.	.

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.Uppe r second ary %	3.Post -secon dary, non-te rtiary %	4.Shor t-cycl e tertia ry %	5.Bach elors or equiva lent %	6.Mast ers or equiva lent %	7.Doct or or equiva lent %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	443	0.0	0.0	0.0	6.7	81.3	12.0	0.0	5.7	0.0	0.0
Bahrain	345	291	0.0	0.0	0.0	2.8	73.2	22.5	1.5	1.9	0.0	13.2
Belgium (Flemish)	295	291	0.0	0.0	0.0	0.6	98.2	1.2	0.0	1.2	0.0	0.0
Bulgaria	233	230	0.0	0.0	2.8	5.2	16.6	75.4	0.0	0.0	0.0	1.3
Canada	699	631	0.0	0.0	0.0	0.0	87.8	11.9	0.2	9.0	0.0	0.1
Chile	180	153	0.0	0.2	0.0	5.9	82.3	11.5	0.0	6.9	0.0	7.5
Chinese Taipei	178	178	0.0	0.0	0.7	0.0	63.1	35.6	0.7	0.0	0.0	0.0
Croatia	223	220	0.0	0.0	0.0	58.1	41.5	0.4	0.0	1.5	0.0	0.0
Cyprus	242	237	0.0	0.0	0.0	4.5	36.4	53.7	5.4	1.1	0.0	0.7
Czech Republic	265	263	0.0	5.9	0.2	0.0	1.7	90.1	2.0	0.8	0.0	0.0
Denmark	196	169	1.5	3.5	0.5	1.4	87.6	5.0	0.6	11.3	0.0	0.4
England	214	192	0.0	0.0	0.0	1.2	86.6	12.2	0.0	5.1	0.0	0.6
Finland	341	329	0.0	0.7	0.0	0.5	8.4	89.3	1.2	4.3	0.0	0.0
France	273	233	0.0	4.4	0.1	9.2	46.2	38.9	1.3	4.3	0.0	9.4
Georgia	188	184	0.0	0.3	1.6	1.8	10.8	84.3	1.2	0.7	0.0	1.2
Germany	226	200	0.0	0.0	0.6	14.0	0.3	80.0	5.1	10.8	0.0	0.4
Hong Kong SAR	148	134	0.0	0.0	0.0	7.5	53.8	37.7	1.1	1.1	0.0	7.6
Hungary	244	241	0.0	0.0	0.0	0.8	97.6	1.7	0.0	1.1	0.0	0.0
Indonesia	293	279	0.0	7.9	1.4	3.4	85.4	1.8	0.0	0.0	0.0	4.6
Iran, Islamic Rep. of	291	261	0.0	9.6	1.9	26.5	55.2	6.7	0.0	0.0	0.0	9.4
Ireland	214	207	0.0	0.9	0.0	2.5	83.9	12.7	0.0	0.0	0.0	4.4
Italy	257	217	0.0	68.0	1.8	7.3	19.9	3.0	0.0	4.6	0.0	10.0
Japan	157	156	0.0	0.0	0.0	5.1	88.5	6.4	0.0	0.3	0.0	0.0
Kazakhstan	239	230	0.7	7.3	13.6	0.0	77.6	0.8	0.0	0.5	0.0	4.0
Korea, Rep. of	182	181	0.0	0.0	0.0	6.5	69.7	23.8	0.0	0.6	0.0	0.0
Kuwait	294	231	0.0	2.8	0.0	0.4	85.1	11.7	0.0	7.6	0.0	15.7
Lithuania	291	286	0.0	0.0	0.0	4.7	73.9	21.2	0.3	1.1	0.0	0.0
Morocco	367	302	8.9	55.6	4.2	1.9	28.3	0.9	0.1	4.9	0.0	14.0
Netherlands	223	167	0.0	1.7	0.0	24.5	69.6	4.2	0.0	21.4	0.0	1.3
New Zealand	461	445	0.0	0.0	0.0	15.7	58.1	26.0	0.2	2.2	0.0	0.5
Northern Ireland	154	130	0.0	1.6	0.0	0.0	82.5	15.9	0.0	17.4	0.0	0.7
Norway	227	197	0.0	0.7	1.4	4.7	84.3	9.0	0.0	11.9	0.0	0.0
Oman	357	308	0.0	0.2	0.1	2.7	66.6	29.9	0.4	0.4	0.0	13.4
Poland	254	252	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	1.0
Portugal	322	307	0.0	0.0	0.0	4.1	88.5	7.3	0.0	5.1	0.0	0.9
Qatar	227	201	0.0	3.2	4.5	0.0	70.5	21.1	0.7	0.0	0.0	11.3
Russian Federation	217	210	0.0	0.0	14.7	2.6	51.6	30.7	0.5	0.0	0.0	3.0
Saudi Arabia	189	140	8.5	3.4	44.8	1.4	40.5	1.3	0.0	19.4	0.0	7.8
Serbia	192	179	0.0	0.9	20.8	27.0	39.4	11.5	0.4	0.0	0.0	6.6
Singapore	358	352	0.0	1.7	5.6	10.8	69.3	12.1	0.5	1.5	0.0	0.1
Slovak Republic	328	327	0.0	1.2	0.1	0.0	0.0	98.1	0.6	0.7	0.0	0.0
Slovenia	256	242	0.0	0.0	12.0	29.0	0.4	58.6	0.0	5.4	0.0	0.3
Spain	393	325	0.0	2.0	0.0	58.4	34.3	4.2	1.1	4.1	0.0	14.3
Sweden	212	192	0.0	4.4	0.0	6.1	80.0	8.4	1.2	3.9	0.0	7.8
Turkey	251	250	0.0	0.0	0.0	15.8	81.2	3.0	0.0	0.0	0.0	0.7
United Arab Emirates	840	661	0.0	0.6	2.6	1.3	61.2	33.2	1.1	6.3	0.0	13.0
United States	492	436	0.0	0.0	0.0	0.0	48.3	50.9	0.7	12.7	0.0	0.2
International Avg (n=47)	13512	12290	0.4	4.0	2.9	8.1	56.8	27.2	0.6	4.2	0.0	4.0
Buenos Aires, Argentina	291	131	0.0	3.9	0.0	80.4	10.3	5.5	0.0	53.6	0.0	1.2
Ontario, Canada	275	251	0.0	0.0	0.0	0.0	86.2	13.5	0.3	8.8	0.0	0.0
Quebec, Canada	151	138	0.0	0.0	0.0	0.0	92.3	7.3	0.4	10.8	0.0	0.0
Norway (4)	223	198	0.0	0.7	1.1	9.7	83.0	5.4	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	162	0.0	0.4	1.8	1.2	59.1	35.3	2.1	9.0	0.0	14.3
Dubai, UAE	290	234	0.0	0.0	5.4	0.7	52.8	41.1	0.0	3.5	0.0	13.3
Florida, US	120	94	0.0	0.0	0.0	0.0	56.2	40.6	3.1	20.6	0.0	0.0

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 Mean	2.Uppe r second ary Mean	3.Post -secon dary, non-te rtiary Mean	4.Shor t-cycl e tertia ry Mean	5.Bach elors or equiva lent Mean	6.Mast ers or equiva lent Mean	7.Doct or or equiva lent Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	443	.	.	.	529.6	521.2	543.8	.	510.2	.	522.9
Bahrain	345	291	.	.	.	425.3	463.2	446.7	437.5	420.5	.	469.2
Belgium (Flemish)	295	291	.	.	.	462.0	512.0	510.1	.	500.5	.	.
Bulgaria	233	230	.	.	526.7	553.8	520.8	537.3	.	.	.	579.9
Canada	699	631	.	.	.	524.7	524.1	530.1	526.0	.	.	560.4
Chile	180	153	.	545.8	.	474.8	476.8	488.6	.	473.8	.	475.9
Chinese Taipei	178	178	.	.	552.9	.	552.2	561.1	540.3	.	.	.
Croatia	223	220	.	.	.	533.0	534.3	518.8	.	531.0	.	.
Cyprus	242	237	.	.	.	489.7	481.1	479.3	488.8	494.5	.	511.9
Czech Republic	265	263	.	517.4	520.1	.	525.5	535.6	536.4	542.1	.	.
Denmark	196	169	530.4	526.0	570.6	512.5	526.2	529.4	504.3	531.9	.	538.1
England	214	192	.	.	.	536.6	535.1	549.3	.	521.2	.	505.5
Finland	341	329	.	493.5	.	553.5	554.3	554.2	546.2	557.2	.	488.3
France	273	233	.	490.2	502.4	512.1	487.4	481.4	516.6	471.8	.	490.5
Georgia	188	184	.	485.0	455.1	426.9	465.4	450.2	499.6	438.4	.	382.8
Germany	226	200	.	.	520.8	529.6	509.9	527.5	540.5	534.0	.	383.5
Hong Kong SAR	148	134	.	.	.	548.2	557.2	560.0	510.1	549.3	.	550.8
Hungary	244	241	.	.	.	569.4	541.0	558.9	.	588.9	.	.
Indonesia	293	279	.	336.4	372.5	359.1	403.4	448.7	.	.	.	389.9
Iran, Islamic Rep. of	291	261	.	410.3	462.3	411.5	426.3	399.6	.	.	.	432.8
Ireland	214	207	.	540.9	.	510.2	529.2	518.5	.	.	.	560.0
Italy	257	217	.	514.7	511.8	523.3	519.3	516.6	.	520.4	.	516.6
Japan	157	156	.	.	.	568.6	569.3	566.1	.	545.1	.	.
Kazakhstan	239	230	487.7	537.7	546.6	.	550.5	530.5	.	529.8	.	578.7
Korea, Rep. of	182	181	.	.	.	590.4	589.4	588.8	.	594.1	.	.
Kuwait	294	231	.	322.9	.	306.7	332.9	390.0	.	323.0	.	334.6
Lithuania	291	286	.	500.3	.	520.4	527.9	530.2	539.6	492.7	.	.
Morocco	367	302	336.4	338.8	343.1	390.7	374.6	412.0	165.3	348.0	.	364.2
Netherlands	223	167	.	480.1	.	521.7	518.3	503.8	.	516.1	.	485.8
New Zealand	461	445	.	.	.	507.1	502.8	512.5	527.9	483.8	.	501.1
Northern Ireland	154	130	.	528.2	.	.	522.5	510.4	.	514.8	.	537.2
Norway	227	197	.	541.0	555.5	535.7	539.0	537.9	.	527.0	.	.
Oman	357	308	.	403.8	542.5	440.5	434.1	417.3	387.8	395.6	.	443.8
Poland	254	252	.	.	.	.	.	547.0	.	.	.	564.3
Portugal	322	307	.	.	.	514.4	507.2	514.2	.	502.5	.	543.9
Qatar	227	201	.	427.4	437.3	.	435.8	441.4	467.9	.	.	430.6
Russian Federation	217	210	.	.	550.2	536.8	567.1	578.3	640.1	.	.	554.0
Saudi Arabia	189	140	384.9	412.7	379.6	352.5	397.1	501.8	.	385.5	.	409.6
Serbia	192	179	.	513.3	515.4	513.6	530.2	538.8	548.6	.	.	538.2
Singapore	358	352	.	605.5	581.9	587.3	588.6	605.9	578.3	598.2	.	514.1
Slovak Republic	328	327	.	533.9	498.6	.	.	519.6	575.6	567.2	.	.
Slovenia	256	242	.	.	541.3	544.6	535.6	542.9	.	533.3	.	515.9
Spain	393	325	.	533.8	.	517.3	516.7	534.0	505.1	519.3	.	518.9
Sweden	212	192	.	535.1	.	547.3	539.0	545.6	469.1	539.8	.	553.7
Turkey	251	250	.	.	.	494.9	480.4	503.6	.	.	.	479.6
United Arab Emirates	840	661	582.5	388.9	492.2	446.6	441.7	467.9	485.6	415.4	.	464.2
United States	492	436	.	.	.	.	546.4	546.3	483.5	547.0	.	488.0
International Avg (n=47)	13512	12290	464.4	479.4	499.1	497.3	504.7	513.3	501.0	502.4	.	491.3
Buenos Aires, Argentina	291	131	.	482.3	.	418.5	424.1	391.5	.	416.5	.	392.4
Ontario, Canada	275	251	.	.	.	.	530.9	530.9	520.0	525.2	.	.
Quebec, Canada	151	138	.	.	.	.	523.8	516.0	545.0	534.5	.	.
Norway (4)	223	198	.	518.7	498.2	496.6	492.1	499.6	.	491.1	.	.
Abu Dhabi, UAE	212	162	.	351.7	448.2	452.2	404.8	409.5	489.2	398.9	.	453.5
Dubai, UAE	290	234	582.5	.	528.9	505.9	499.8	534.5	.	475.2	.	543.3
Florida, US	120	94	.	.	.	.	545.4	555.3	571.3	542.1	.	.

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	442	93.0	7.0	5.7	0.0	0.2	523.8	532.5	510.2	.	540.7
Bahrain	345	336	28.0	72.0	1.9	0.0	0.6	473.8	454.2	420.5	.	441.1
Belgium (Flemish)	295	291	98.8	1.2	1.2	0.0	0.0	511.5	526.4	500.5	.	.
Bulgaria	233	230	90.6	9.4	0.0	0.0	0.9	535.3	539.1	.	.	542.5
Canada	699	651	82.1	17.9	5.5	0.0	1.2	525.6	521.2	520.0	.	542.6
Chile	180	138	94.8	5.0	6.9	0.2	18.6	480.1	452.1	473.8	545.8	474.6
Chinese Taipei	178	178	67.2	32.8	0.0	0.0	0.0	557.5	550.7	.	.	.
Croatia	223	0	.	.	.	.	.	.	.	.	.	.
Cyprus	242	238	94.7	5.3	1.1	0.0	0.4	480.4	493.3	494.5	.	487.8
Czech Republic	265	263	71.4	22.7	0.8	5.9	0.0	535.7	534.3	542.1	517.4	.
Denmark	196	167	36.9	58.1	11.3	5.0	1.1	523.0	528.4	531.9	527.3	529.7
England	214	192	66.2	33.8	5.1	0.0	0.9	536.8	535.9	521.2	.	551.4
Finland	341	329	93.3	6.0	4.3	0.7	0.0	554.7	544.0	557.2	493.5	488.3
France	273	248	29.9	65.9	4.9	4.2	4.5	487.5	487.6	470.9	490.2	500.0
Georgia	188	184	68.0	31.7	0.7	0.3	1.0	449.3	456.0	438.4	485.0	431.3
Germany	226	190	92.4	7.6	10.8	0.0	5.7	529.8	508.8	534.0	.	522.3
Hong Kong SAR	148	144	72.9	27.1	1.1	0.0	2.2	557.3	553.3	549.3	.	574.7
Hungary	244	241	99.6	0.4	1.1	0.0	0.0	541.5	538.2	588.9	.	.
Indonesia	293	286	69.9	22.4	0.0	7.7	2.6	401.7	403.5	.	336.4	380.4
Iran, Islamic Rep. of	291	291	58.1	33.2	0.0	8.7	0.0	424.9	416.9	.	410.3	.
Ireland	214	210	86.6	12.6	0.0	0.9	2.0	527.2	537.3	.	540.9	542.6
Italy	257	238	10.6	26.8	4.6	62.5	2.5	525.4	517.1	520.4	514.7	509.1
Japan	157	156	84.0	16.0	0.3	0.0	0.0	569.4	567.6	545.1	.	.
Kazakhstan	239	236	87.7	4.5	0.5	7.8	1.2	552.7	533.9	529.8	533.3	488.8
Korea, Rep. of	182	181	96.9	3.1	0.6	0.0	0.0	589.6	580.9	594.1	.	.
Kuwait	294	270	42.2	55.4	7.6	2.4	3.6	333.9	343.1	323.0	322.9	328.4
Lithuania	291	286	96.6	3.3	1.1	0.0	0.0	528.9	502.6	492.7	500.3	.
Morocco	367	347	5.4	39.2	4.4	55.5	1.4	317.0	377.0	338.3	338.4	383.5
Netherlands	223	166	95.9	2.4	21.4	1.7	1.8	518.5	508.1	516.1	480.1	506.8
New Zealand	461	447	92.8	7.2	2.2	0.0	0.3	506.5	505.6	483.8	.	366.4
Northern Ireland	154	130	79.3	19.1	17.4	1.6	0.5	520.8	519.7	514.8	528.2	533.3
Norway	227	197	85.0	14.3	11.9	0.7	0.0	538.5	542.0	527.0	541.0	.
Oman	357	346	65.3	34.5	0.4	0.2	1.8	433.0	428.7	395.6	403.8	412.8
Poland	254	250	18.8	81.2	0.0	0.0	1.4	537.2	549.4	.	.	556.4
Portugal	322	306	97.8	2.2	5.1	0.0	0.9	508.1	516.2	502.5	.	516.2
Qatar	227	222	25.8	71.2	0.0	3.0	4.4	466.8	425.0	.	427.4	446.1
Russian Federation	217	213	96.2	3.8	0.0	0.0	1.6	566.9	583.6	.	.	548.9
Saudi Arabia	189	184	30.4	60.7	1.1	8.9	1.8	375.8	396.2	345.5	392.9	453.0
Serbia	192	188	96.2	2.9	0.0	0.9	2.3	524.7	536.9	.	513.3	504.9
Singapore	358	351	70.5	27.8	1.5	1.7	0.7	593.6	581.1	598.2	605.5	591.9
Slovak Republic	328	326	89.3	9.4	0.7	1.2	0.3	521.6	506.4	567.2	533.9	455.4
Slovenia	256	243	99.7	0.3	5.4	0.0	0.0	543.2	515.9	533.3	.	.
Spain	393	374	84.0	14.2	4.1	1.8	1.6	517.4	519.8	519.3	533.8	527.5
Sweden	212	204	86.7	9.2	3.9	4.1	0.4	540.9	536.8	539.8	535.1	511.5
Turkey	251	244	81.0	19.0	0.0	0.0	2.5	485.2	473.8	.	.	498.3
United Arab Emirates	840	768	40.3	59.1	5.9	0.5	2.0	449.8	455.9	418.5	390.5	464.2
United States	492	436	83.4	16.6	12.7	0.0	0.2	547.5	537.6	547.0	.	488.0
International Avg (n=46)	13512	12558	72.5	23.4	3.8	4.1	1.6	505.9	503.8	500.2	478.5	490.0
Buenos Aires, Argentina	291	129	82.7	13.5	53.6	3.9	1.3	419.7	404.4	416.5	482.3	394.0
Ontario, Canada	275	255	77.2	22.8	6.3	0.0	1.1	533.3	524.0	512.1	.	567.2
Quebec, Canada	151	141	89.6	10.4	5.2	0.0	1.8	524.0	519.6	534.7	.	545.8
Norway (4)	223	197	82.4	16.9	10.1	0.7	0.0	493.7	489.4	491.3	518.7	.
Abu Dhabi, UAE	212	183	49.4	50.3	9.0	0.4	2.0	389.4	448.4	398.9	351.7	295.5
Dubai, UAE	290	270	46.8	53.2	2.6	0.0	4.1	527.7	505.9	505.0	582.5	567.2
Florida, US	120	94	83.4	16.6	20.6	0.0	0.0	554.4	529.2	542.1	.	.

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	444	5.7	94.3	5.7	0.0	0.0	531.5	524.0	510.2	.	.
Bahrain	345	337	22.7	77.3	1.9	0.0	0.5	462.5	458.8	420.5	.	440.4
Belgium (Flemish)	295	191	10.2	89.8	1.2	0.0	32.8	526.3	511.5	500.5	.	508.9
Bulgaria	233	229	22.7	77.3	0.0	0.0	1.0	546.6	532.5	.	.	538.0
Canada	699	653	14.5	85.5	5.5	0.0	1.0	515.2	526.3	520.0	.	557.1
Chile	180	138	2.2	97.6	6.9	0.2	18.6	547.5	477.2	473.8	545.8	474.6
Chinese Taipei	178	178	1.7	98.3	0.0	0.0	0.0	560.6	555.2	.	.	.
Croatia	223	0	.	.	.	.	.	.	.	.	.	.
Cyprus	242	238	0.2	99.8	1.1	0.0	0.4	484.6	481.1	494.5	.	487.8
Czech Republic	265	263	19.0	75.1	0.8	5.9	0.0	534.5	535.6	542.1	517.4	.
Denmark	196	167	43.7	51.4	11.3	5.0	1.1	522.0	530.8	531.9	527.3	496.3
England	214	192	7.9	92.1	5.1	0.0	0.9	540.4	536.1	521.2	.	551.4
Finland	341	328	6.3	93.0	4.3	0.7	0.0	547.0	554.6	557.2	493.5	489.4
France	273	248	6.8	89.0	4.9	4.2	4.6	476.6	488.7	470.9	490.2	494.9
Georgia	188	183	7.5	92.1	0.7	0.3	1.8	429.5	452.8	438.4	485.0	462.9
Germany	226	189	18.9	81.1	10.8	0.0	6.2	529.3	527.7	534.0	.	525.6
Hong Kong SAR	148	143	20.1	79.9	1.1	0.0	2.8	556.5	556.4	549.3	.	564.2
Hungary	244	240	1.6	98.4	1.1	0.0	0.5	583.1	540.6	588.9	.	582.8
Indonesia	293	286	17.8	74.5	0.0	7.7	2.6	411.5	400.0	.	336.4	380.4
Iran, Islamic Rep. of	291	291	7.2	84.1	0.0	8.7	0.0	414.7	422.7	.	410.3	.
Ireland	214	206	3.9	95.2	0.0	0.9	4.4	519.9	529.8	.	540.9	514.9
Italy	257	238	10.8	26.7	4.6	62.5	2.5	530.4	515.1	520.4	514.7	509.1
Japan	157	156	34.2	65.8	0.3	0.0	0.0	570.1	568.6	545.1	.	.
Kazakhstan	239	236	14.3	77.9	0.5	7.8	1.2	539.2	554.1	529.8	533.3	488.8
Korea, Rep. of	182	181	6.0	94.0	0.6	0.0	0.0	578.4	590.0	594.1	.	.
Kuwait	294	268	31.9	65.7	7.6	2.4	4.2	345.2	336.3	323.0	322.9	328.8
Lithuania	291	286	6.7	93.3	1.1	0.0	0.0	516.5	528.9	492.7	500.3	.
Morocco	367	347	0.0	44.5	4.4	55.5	1.4	362.0	369.8	338.3	338.4	383.5
Netherlands	223	160	0.7	97.5	23.0	1.7	3.3	505.5	518.8	515.4	480.1	508.3
New Zealand	461	447	3.8	96.2	2.2	0.0	0.3	513.4	506.2	483.8	.	366.4
Northern Ireland	154	130	12.1	86.3	17.4	1.6	0.5	511.2	522.1	514.8	528.2	512.6
Norway	227	194	6.6	92.7	11.9	0.7	0.8	545.5	538.5	527.0	541.0	541.5
Oman	357	340	13.1	86.8	0.4	0.2	4.0	414.6	433.6	395.6	403.8	432.5
Poland	254	0	.	.	.	.	.	.	.	.	.	.
Portugal	322	306	2.3	97.7	5.1	0.0	0.9	493.4	508.6	502.5	.	516.2
Qatar	227	221	15.8	81.2	0.0	3.0	4.5	446.7	433.8	.	427.4	448.9
Russian Federation	217	213	9.7	90.3	0.0	0.0	1.6	567.7	567.5	.	.	548.9
Saudi Arabia	189	185	7.4	83.7	0.5	8.9	1.8	371.2	390.6	351.8	392.9	453.0
Serbia	192	190	2.1	97.0	0.0	0.9	1.2	536.7	524.7	.	513.3	498.5
Singapore	358	351	9.5	88.7	1.5	1.7	0.7	581.9	591.0	598.2	605.5	591.9
Slovak Republic	328	325	9.3	89.4	0.7	1.2	0.6	506.3	521.5	567.2	533.9	501.7
Slovenia	256	243	6.0	94.0	5.4	0.0	0.0	542.5	543.1	533.3	.	.
Spain	393	375	11.4	86.9	4.1	1.8	1.1	523.8	516.8	519.3	533.8	539.9
Sweden	212	200	9.1	86.8	3.9	4.1	2.3	536.9	540.8	539.8	535.1	538.7
Turkey	251	245	6.0	94.0	0.0	0.0	1.9	478.0	483.6	.	.	491.7
United Arab Emirates	840	763	21.3	78.2	5.8	0.5	2.9	478.5	447.0	417.3	390.5	451.5
United States	492	435	5.8	94.2	12.7	0.0	0.5	543.3	546.4	547.0	.	463.6
International Avg (n=45)	13512	12179	11.0	84.8	3.9	4.2	2.6	506.2	505.3	500.3	478.5	491.5
Buenos Aires, Argentina	291	128	6.0	90.1	53.6	3.9	1.5	391.3	419.1	416.5	482.3	402.5
Ontario, Canada	275	255	13.2	86.8	6.3	0.0	1.1	527.1	531.8	512.1	.	567.2
Quebec, Canada	151	141	12.3	87.7	5.2	0.0	1.8	513.4	524.9	534.7	.	545.8
Norway (4)	223	197	6.8	92.5	10.1	0.7	0.0	484.4	493.6	491.3	518.7	.
Abu Dhabi, UAE	212	180	11.4	88.2	9.0	0.4	3.4	397.0	423.5	398.4	351.7	316.5
Dubai, UAE	290	269	32.8	67.2	2.2	0.0	4.8	528.1	509.3	512.5	582.5	568.4
Florida, US	120	93	5.2	94.8	20.6	0.0	0.9	537.7	551.8	542.1	.	481.5



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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	442	12.2	87.8	5.7	0.0	0.0	516.7	525.5	510.3	.	569.0
Bahrain	345	336	12.0	88.0	1.9	0.0	0.8	458.9	459.7	420.5	.	454.1
Belgium (Flemish)	295	0	.	.	.	.	.	.	.	.	.	.
Bulgaria	233	229	14.0	86.0	0.0	0.0	1.0	555.9	532.4	.	.	538.0
Canada	699	650	7.2	92.8	5.6	0.0	1.4	515.7	525.5	519.8	.	545.0
Chile	180	136	13.5	86.3	6.9	0.2	19.1	477.8	478.3	473.8	545.8	476.5
Chinese Taipei	178	178	16.3	83.7	0.0	0.0	0.0	555.5	555.2	.	.	.
Croatia	223	0	.	.	.	.	.	.	.	.	.	.
Cyprus	242	236	9.9	90.1	1.1	0.0	1.3	478.9	482.0	494.5	.	442.3
Czech Republic	265	263	1.5	92.6	0.8	5.9	0.0	555.7	535.1	542.1	517.4	.
Denmark	196	167	47.8	47.2	11.3	5.0	1.5	523.8	529.0	531.9	527.3	523.2
England	214	191	11.5	88.5	5.1	0.0	1.7	541.4	536.1	521.2	.	533.1
Finland	341	326	1.3	98.1	4.3	0.7	0.7	545.3	554.2	557.2	493.5	557.1
France	273	245	22.4	73.4	4.9	4.2	5.5	482.5	488.2	470.9	490.2	509.0
Georgia	188	182	29.1	70.6	0.7	0.3	1.8	457.2	449.1	438.4	485.0	436.7
Germany	226	190	50.6	49.4	10.8	0.0	5.7	531.0	525.3	534.0	.	522.3
Hong Kong SAR	148	143	20.3	79.7	1.1	0.0	2.6	547.1	558.4	549.3	.	575.4
Hungary	244	241	1.1	98.9	1.1	0.0	0.0	513.9	541.8	588.9	.	.
Indonesia	293	286	20.0	72.3	0.0	7.8	3.0	416.7	398.5	.	336.4	376.5
Iran, Islamic Rep. of	291	291	3.1	88.2	0.0	8.7	0.0	378.3	423.6	.	410.3	.
Ireland	214	208	10.2	89.0	0.0	0.9	3.5	532.4	528.0	.	540.9	538.3
Italy	257	238	2.2	35.3	4.6	62.5	2.5	493.1	521.1	520.4	514.7	509.1
Japan	157	156	3.9	96.1	0.3	0.0	0.0	564.1	569.3	545.1	.	.
Kazakhstan	239	236	19.2	73.0	0.5	7.8	1.2	544.7	553.7	529.8	533.3	488.8
Korea, Rep. of	182	181	5.1	94.9	0.6	0.0	0.0	594.4	589.0	594.1	.	.
Kuwait	294	269	35.8	61.8	7.6	2.4	3.8	363.9	324.3	323.0	322.9	336.2
Lithuania	291	286	11.7	88.2	1.1	0.0	0.0	520.6	529.1	492.7	500.3	.
Morocco	367	346	2.7	41.7	4.4	55.6	1.5	342.8	371.8	338.3	338.4	375.9
Netherlands	223	0	.	.	.	.	.	.	.	.	.	.
New Zealand	461	446	10.5	89.5	2.2	0.0	0.5	513.5	505.8	483.8	.	394.0
Northern Ireland	154	129	16.7	81.7	17.4	1.6	0.9	524.2	520.0	514.8	528.2	516.7
Norway	227	196	36.3	63.0	11.9	0.7	0.3	541.2	537.7	527.0	541.0	538.4
Oman	357	346	45.2	54.6	0.4	0.2	2.1	439.4	423.8	395.6	403.8	442.8
Poland	254	248	6.6	93.4	0.0	0.0	2.0	539.1	547.7	.	.	550.0
Portugal	322	301	23.2	76.8	5.1	0.0	1.4	503.9	509.8	502.5	.	505.2
Qatar	227	221	10.8	86.2	0.0	2.9	3.0	415.1	438.6	.	427.4	454.4
Russian Federation	217	213	16.0	84.0	0.0	0.0	1.6	572.7	566.5	.	.	548.9
Saudi Arabia	189	182	7.8	83.1	0.5	9.1	3.9	401.4	389.5	351.8	392.9	386.2
Serbia	192	178	20.2	78.9	0.0	0.9	7.2	537.9	521.1	.	513.3	526.0
Singapore	358	351	54.6	43.7	1.5	1.7	0.7	585.8	595.5	598.2	605.5	591.9
Slovak Republic	328	325	15.6	83.2	0.7	1.2	0.8	520.3	520.1	567.2	533.9	499.7
Slovenia	256	243	4.8	95.2	5.4	0.0	0.0	540.5	543.2	533.3	.	.
Spain	393	371	20.3	77.9	4.1	1.8	2.7	522.6	516.3	519.3	533.8	526.3
Sweden	212	204	64.9	31.1	3.9	4.1	0.4	541.0	539.7	539.8	535.1	511.5
Turkey	251	243	14.5	85.5	0.0	0.0	2.7	491.0	482.0	.	.	485.4
United Arab Emirates	840	765	15.3	84.2	5.8	0.5	2.5	457.1	452.3	417.6	390.5	474.9
United States	492	435	6.6	93.4	12.7	0.0	0.5	540.4	546.6	547.0	.	463.6
International Avg (n=44)	13512	12049	17.6	78.1	3.5	4.2	2.1	504.4	505.5	499.8	478.5	492.3
Buenos Aires, Argentina	291	125	21.6	74.4	53.6	4.0	2.3	410.5	419.0	416.5	482.3	413.2
Ontario, Canada	275	253	4.6	95.4	6.3	0.0	1.9	532.2	531.3	512.1	.	544.5
Quebec, Canada	151	140	11.7	88.3	5.6	0.0	1.8	515.1	524.7	532.9	.	545.8
Norway (4)	223	197	24.5	74.7	10.1	0.7	0.0	487.9	494.7	491.3	518.7	.
Abu Dhabi, UAE	212	183	17.6	82.0	9.0	0.4	2.0	392.7	424.8	398.9	351.7	296.9
Dubai, UAE	290	269	22.3	77.7	2.2	0.0	5.0	518.1	514.5	512.5	582.5	569.3
Florida, US	120	94	11.8	88.2	20.6	0.0	0.0	564.0	548.4	542.1	.	.

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	440	12.0	88.0	5.7	0.0	0.2	515.8	525.6	510.3	.	540.2
Bahrain	345	337	74.6	25.4	1.9	0.0	0.5	458.5	463.0	420.5	.	440.4
Belgium (Flemish)	295	0	.	.	.	.	.	.	.	.	.	.
Bulgaria	233	229	20.3	79.7	0.0	0.0	1.0	539.5	534.7	.	.	538.0
Canada	699	651	12.0	88.0	5.5	0.0	1.3	527.4	524.5	520.0	.	539.1
Chile	180	135	12.0	87.7	6.9	0.2	19.3	483.6	477.6	473.8	545.8	476.2
Chinese Taipei	178	178	23.2	76.8	0.0	0.0	0.0	550.5	556.7	.	.	.
Croatia	223	0	.	.	.	.	.	.	.	.	.	.
Cyprus	242	236	12.1	87.9	1.1	0.0	1.3	489.2	480.6	494.5	.	442.3
Czech Republic	265	263	2.3	91.8	0.8	5.9	0.0	550.8	535.0	542.1	517.4	.
Denmark	196	166	35.8	59.2	11.3	5.0	1.8	528.1	525.4	531.9	527.3	521.9
England	214	191	22.2	77.8	5.1	0.0	1.7	546.9	533.8	521.2	.	533.1
Finland	341	327	3.0	96.4	4.3	0.7	0.4	558.0	553.9	557.2	493.5	558.8
France	273	247	34.6	61.2	4.9	4.2	4.7	489.0	485.5	470.9	490.2	513.7
Georgia	188	184	40.3	59.3	0.7	0.3	1.0	459.6	445.8	438.4	485.0	431.3
Germany	226	190	51.4	48.6	10.8	0.0	5.7	527.5	528.8	534.0	.	522.3
Hong Kong SAR	148	143	24.7	75.3	1.1	0.0	2.6	556.5	556.0	549.3	.	575.4
Hungary	244	240	3.6	96.4	1.1	0.0	0.4	551.7	541.4	588.9	.	466.4
Indonesia	293	284	20.6	71.6	0.0	7.8	3.8	406.9	401.7	.	336.4	371.6
Iran, Islamic Rep. of	291	290	4.8	86.5	0.0	8.7	0.1	439.9	421.1	.	410.3	379.9
Ireland	214	209	6.8	92.3	0.0	0.9	2.7	542.1	527.8	.	540.9	528.2
Italy	257	238	2.3	35.2	4.6	62.5	2.5	515.7	519.7	520.4	514.7	509.1
Japan	157	156	4.8	95.2	0.3	0.0	0.0	561.3	569.5	545.1	.	.
Kazakhstan	239	236	16.4	75.8	0.5	7.7	0.8	547.1	552.4	529.8	533.3	497.8
Korea, Rep. of	182	181	2.5	97.5	0.6	0.0	0.0	586.9	589.4	594.1	.	.
Kuwait	294	270	62.1	35.6	7.6	2.4	3.3	345.1	329.6	323.0	322.9	320.4
Lithuania	291	285	12.2	87.8	1.1	0.0	0.1	519.1	529.3	492.7	500.3	480.8
Morocco	367	347	12.2	32.3	4.4	55.5	1.4	370.5	369.5	338.3	338.4	383.5
Netherlands	223	0	.	.	.	.	.	.	.	.	.	.
New Zealand	461	445	10.8	89.2	2.2	0.0	0.7	519.3	504.8	483.8	.	453.0
Northern Ireland	154	129	11.9	86.5	17.4	1.6	1.8	537.7	518.5	514.8	528.2	513.9
Norway	227	196	36.0	63.4	11.9	0.7	0.3	539.4	538.8	527.0	541.0	538.4
Oman	357	347	52.1	47.7	0.4	0.2	1.6	434.3	428.2	395.6	403.8	418.4
Poland	254	250	69.4	30.6	0.0	0.0	1.4	548.0	544.9	.	.	556.4
Portugal	322	302	22.8	77.2	5.1	0.0	1.2	504.4	509.5	502.5	.	508.3
Qatar	227	220	65.6	31.4	0.0	3.0	5.2	425.3	455.9	.	427.4	459.9
Russian Federation	217	213	19.8	80.2	0.0	0.0	1.6	570.3	566.8	.	.	548.9
Saudi Arabia	189	185	76.1	15.0	0.5	8.9	1.8	389.6	386.4	351.8	392.9	453.0
Serbia	192	178	17.2	81.9	0.0	0.9	7.2	538.4	521.6	.	513.3	526.0
Singapore	358	351	61.3	37.0	1.5	1.7	0.7	586.6	595.8	598.2	605.5	591.9
Slovak Republic	328	325	16.0	82.8	0.7	1.2	0.8	517.9	520.6	567.2	533.9	499.7
Slovenia	256	242	4.9	95.1	5.4	0.0	0.3	536.5	543.4	533.3	.	549.3
Spain	393	371	21.9	76.3	4.1	1.8	2.7	523.3	516.0	519.3	533.8	526.3
Sweden	212	203	63.6	32.3	3.9	4.1	1.0	538.8	544.0	539.8	535.1	528.1
Turkey	251	243	15.6	84.4	0.0	0.0	2.7	490.5	482.0	.	.	485.4
United Arab Emirates	840	764	66.3	33.2	5.9	0.5	3.1	457.8	442.1	418.5	390.5	485.6
United States	492	435	10.9	89.1	12.7	0.0	0.5	549.3	545.8	547.0	.	463.6
International Avg (n=44)	13512	12052	26.6	69.1	3.5	4.2	2.1	508.5	505.5	499.9	478.5	491.9
Buenos Aires, Argentina	291	125	19.6	76.4	53.6	4.0	2.3	414.0	417.9	416.5	482.3	413.2
Ontario, Canada	275	253	13.1	86.9	6.3	0.0	1.7	547.2	529.2	512.1	.	535.3
Quebec, Canada	151	141	12.0	88.0	5.2	0.0	1.8	515.0	524.7	534.7	.	545.8
Norway (4)	223	196	25.3	74.0	10.1	0.8	0.3	484.6	496.1	491.3	518.7	450.0
Abu Dhabi, UAE	212	183	60.1	39.5	9.0	0.4	2.1	444.5	381.0	398.9	351.7	300.5
Dubai, UAE	290	267	64.6	35.4	2.6	0.0	5.0	511.6	523.5	505.0	582.5	563.3
Florida, US	120	94	5.4	94.6	20.6	0.0	0.0	536.9	551.0	542.1	.	.

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 Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	441	22.5	77.5	5.7	0.0	0.2	524.7	524.3	510.3	.	541.7
Bahrain	345	337	7.6	92.4	1.9	0.0	0.7	467.8	459.2	420.5	.	420.8
Belgium (Flemish)	295	0	.	.	.	.	.	.	.	.	.	.
Bulgaria	233	230	4.3	95.7	0.0	0.0	0.9	561.7	534.5	.	.	542.5
Canada	699	633	22.4	77.6	8.9	0.0	0.9	512.1	528.9	518.2	.	552.8
Chile	180	136	12.5	87.3	6.9	0.2	19.1	482.0	477.7	473.8	545.8	476.5
Chinese Taipei	178	178	16.2	83.8	0.0	0.0	0.0	554.9	555.4	.	.	.
Croatia	223	0	.	.	.	.	.	.	.	.	.	.
Cyprus	242	238	10.5	89.5	1.1	0.0	0.4	473.2	482.0	494.5	.	487.8
Czech Republic	265	263	2.2	91.9	0.8	5.9	0.0	555.3	534.9	542.1	517.4	.
Denmark	196	166	28.1	66.8	11.3	5.0	2.1	535.0	523.0	531.9	527.3	517.9
England	214	191	20.5	79.5	5.1	0.0	1.7	536.2	536.8	521.2	.	533.1
Finland	341	327	4.8	94.5	4.3	0.7	0.4	553.5	554.1	557.2	493.5	558.8
France	273	249	21.2	74.7	4.9	4.1	4.0	479.0	489.3	470.9	490.2	512.7
Georgia	188	184	32.8	66.8	0.7	0.3	1.0	448.7	452.8	438.4	485.0	431.3
Germany	226	190	60.7	39.3	10.8	0.0	5.7	527.3	529.6	534.0	.	522.3
Hong Kong SAR	148	143	25.9	74.1	1.1	0.0	2.6	548.2	558.9	549.3	.	575.4
Hungary	244	241	1.8	98.2	1.1	0.0	0.0	557.9	541.2	588.9	.	.
Indonesia	293	284	23.0	69.2	0.0	7.8	3.5	411.5	399.7	.	336.4	374.2
Iran, Islamic Rep. of	291	291	7.4	83.9	0.0	8.7	0.0	439.8	420.5	.	410.3	.
Ireland	214	207	9.9	89.2	0.0	0.9	3.9	534.9	527.7	.	540.9	537.7
Italy	257	238	7.1	30.4	4.6	62.5	2.5	516.6	520.1	520.4	514.7	509.1
Japan	157	156	14.5	85.5	0.3	0.0	0.0	572.7	568.5	545.1	.	.
Kazakhstan	239	235	19.7	72.5	0.5	7.8	1.2	538.9	555.3	529.8	533.3	493.5
Korea, Rep. of	182	181	3.2	96.8	0.6	0.0	0.0	598.1	589.0	594.1	.	.
Kuwait	294	269	25.8	71.8	7.6	2.4	3.8	366.4	329.0	323.0	322.9	336.2
Lithuania	291	286	15.6	84.3	1.1	0.0	0.0	514.8	530.5	492.7	500.3	.
Morocco	367	346	14.2	30.1	4.4	55.7	1.7	391.4	359.5	338.3	338.4	382.1
Netherlands	223	0	.	.	.	.	.	.	.	.	.	.
New Zealand	461	446	15.6	84.4	2.2	0.0	0.5	514.5	504.7	483.8	.	460.8
Northern Ireland	154	129	21.9	76.5	17.4	1.6	1.1	523.5	519.4	514.8	528.2	550.1
Norway	227	196	29.9	69.4	11.9	0.7	0.3	538.1	539.4	527.0	541.0	538.4
Oman	357	343	13.8	86.0	0.4	0.2	2.3	420.2	433.5	395.6	403.8	410.8
Poland	254	250	1.3	98.7	0.0	0.0	1.3	550.2	547.1	.	.	548.5
Portugal	322	302	31.5	68.5	5.1	0.0	1.3	508.7	508.2	502.5	.	507.7
Qatar	227	221	14.4	82.7	0.0	2.9	3.0	455.0	432.6	.	427.4	454.4
Russian Federation	217	213	18.5	81.5	0.0	0.0	1.6	571.5	566.6	.	.	548.9
Saudi Arabia	189	184	3.9	87.1	0.5	9.0	2.7	367.2	390.3	351.8	392.9	421.2
Serbia	192	179	20.3	78.8	0.0	0.9	6.5	538.1	521.2	.	513.3	523.9
Singapore	358	351	52.3	46.0	1.5	1.7	0.7	578.0	603.8	598.2	605.5	591.9
Slovak Republic	328	325	15.8	83.0	0.7	1.2	0.8	520.4	520.1	567.2	533.9	499.7
Slovenia	256	243	4.8	95.2	5.4	0.0	0.0	536.5	543.4	533.3	.	.
Spain	393	370	32.9	65.3	4.1	1.8	3.2	517.3	517.5	519.3	533.8	529.6
Sweden	212	203	35.3	60.6	3.9	4.1	1.0	542.7	539.3	539.8	535.1	528.1
Turkey	251	243	16.0	84.0	0.0	0.0	2.7	488.6	482.3	.	.	485.4
United Arab Emirates	840	765	17.5	82.0	5.8	0.5	2.7	451.2	453.3	417.6	390.5	478.2
United States	492	436	9.3	90.7	12.7	0.0	0.2	551.4	545.3	547.0	.	488.0
International Avg (n=44)	13512	12039	17.9	77.8	3.5	4.2	2.0	508.5	505.7	499.8	478.5	496.4
Buenos Aires, Argentina	291	125	25.7	70.4	53.6	4.0	2.4	423.6	414.0	416.5	482.3	422.5
Ontario, Canada	275	251	23.2	76.8	6.9	0.0	1.8	517.5	535.6	511.2	.	552.9
Quebec, Canada	151	131	16.9	83.1	16.6	0.0	0.0	514.5	527.0	522.8	.	.
Norway (4)	223	196	33.7	65.6	10.1	0.8	0.4	491.8	493.6	491.3	518.7	501.3
Abu Dhabi, UAE	212	182	23.6	76.1	9.0	0.4	2.9	398.2	424.6	398.9	351.7	358.6
Dubai, UAE	290	269	21.5	78.5	2.2	0.0	5.1	533.9	510.3	512.5	582.5	567.0
Florida, US	120	94	6.0	94.0	20.6	0.0	0.0	546.8	550.4	542.1	.	.

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	441	33.4	66.6	5.7	0.0	0.6	525.5	523.7	510.2	.	548.4
Bahrain	345	318	9.1	90.9	1.9	0.0	5.1	486.3	455.9	420.5	.	476.2
Belgium (Flemish)	295	288	10.2	89.8	1.2	0.0	1.1	514.0	511.2	500.5	.	523.7
Bulgaria	233	225	20.0	80.0	0.0	0.0	3.9	552.3	530.4	.	.	558.4
Canada	699	647	48.9	51.1	6.2	0.0	1.6	528.8	520.1	523.8	.	552.4
Chile	180	124	8.2	91.5	6.9	0.3	25.0	484.9	478.2	473.8	545.8	475.4
Chinese Taipei	178	171	45.0	55.0	0.0	0.0	4.0	559.0	552.2	.	.	555.8
Croatia	223	201	6.1	93.9	1.5	0.0	9.1	534.3	534.0	531.0	.	528.0
Cyprus	242	229	23.2	76.8	1.1	0.0	4.4	489.8	479.2	494.5	.	470.0
Czech Republic	265	263	19.3	74.8	0.8	5.9	0.0	540.7	534.0	542.1	517.4	.
Denmark	196	165	73.9	21.1	11.3	5.1	2.5	527.4	524.1	531.9	527.3	516.1
England	214	193	44.6	55.4	5.1	0.0	0.3	534.7	538.3	521.2	.	512.7
Finland	341	328	18.9	80.5	4.3	0.7	0.0	544.9	556.2	557.2	493.5	489.4
France	273	240	53.6	42.1	4.9	4.3	7.5	487.6	486.9	470.9	490.2	498.0
Georgia	188	179	29.1	70.5	0.7	0.4	3.6	454.2	450.6	438.4	485.0	440.6
Germany	226	190	61.1	38.9	10.8	0.0	5.7	531.5	523.0	534.0	.	522.3
Hong Kong SAR	148	141	59.0	41.0	1.1	0.0	5.8	549.4	562.4	549.3	.	587.0
Hungary	244	241	15.2	84.8	1.1	0.0	0.0	542.7	541.3	588.9	.	.
Indonesia	293	275	29.0	63.0	0.0	8.0	6.2	414.5	396.7	.	336.4	390.4
Iran, Islamic Rep. of	291	290	29.4	61.9	0.0	8.7	0.2	413.8	426.0	.	410.3	414.3
Ireland	214	203	38.3	60.8	0.0	0.9	5.3	532.7	524.9	.	540.9	543.8
Italy	257	235	20.9	15.6	4.6	63.5	4.0	515.2	525.9	520.4	514.7	510.4
Japan	157	155	31.9	68.1	0.3	0.0	0.6	567.4	570.3	545.1	.	520.6
Kazakhstan	239	232	14.8	77.3	0.5	7.9	3.0	556.2	549.4	529.8	533.3	566.8
Korea, Rep. of	182	181	10.4	89.6	0.6	0.0	0.0	589.6	589.2	594.1	.	.
Kuwait	294	260	23.8	73.7	7.6	2.5	6.7	366.2	328.8	323.0	322.9	349.2
Lithuania	291	279	16.7	83.2	1.1	0.0	1.1	524.3	528.8	492.7	500.3	531.8
Morocco	367	342	19.3	24.3	4.4	56.3	2.8	366.5	369.6	338.3	338.4	399.2
Netherlands	223	161	1.5	96.7	23.0	1.7	3.1	504.2	519.1	515.4	480.1	505.3
New Zealand	461	441	23.8	76.2	2.2	0.0	2.3	511.1	504.5	483.8	.	501.6
Northern Ireland	154	125	41.8	56.5	17.4	1.7	3.9	517.5	522.3	514.8	528.2	529.2
Norway	227	195	60.4	38.9	11.9	0.7	0.6	538.4	540.3	527.0	541.0	519.5
Oman	357	341	15.8	84.0	0.4	0.2	3.4	425.9	432.3	395.6	403.8	426.6
Poland	254	247	60.5	39.5	0.0	0.0	2.7	544.7	550.0	.	.	560.8
Portugal	322	287	39.0	61.0	5.1	0.0	6.1	509.4	507.4	502.5	.	511.1
Qatar	227	216	20.2	76.8	0.0	3.0	5.0	439.1	435.8	.	427.4	437.0
Russian Federation	217	213	18.9	81.1	0.0	0.0	1.6	592.4	561.7	.	.	548.9
Saudi Arabia	189	180	9.7	81.2	0.5	9.1	4.8	377.0	389.6	351.8	392.9	426.6
Serbia	192	174	14.8	84.2	0.0	0.9	9.5	534.8	522.0	.	513.3	530.9
Singapore	358	348	43.4	54.9	1.5	1.7	1.6	585.4	594.6	598.2	605.5	562.2
Slovak Republic	328	324	22.2	76.6	0.7	1.3	1.4	522.8	519.9	567.2	533.9	480.9
Slovenia	256	242	5.9	94.1	5.4	0.0	0.4	530.8	543.7	533.3	.	591.0
Spain	393	352	58.2	39.9	4.1	1.9	7.9	517.0	516.1	519.3	533.8	531.6
Sweden	212	199	44.4	51.4	3.9	4.2	3.0	538.5	542.8	539.8	535.1	529.6
Turkey	251	241	30.9	69.1	0.0	0.0	3.9	476.4	487.4	.	.	467.8
United Arab Emirates	840	750	22.4	77.0	6.0	0.5	3.8	450.2	454.0	418.8	390.5	466.2
United States	492	434	29.6	70.4	12.7	0.0	0.6	539.6	548.5	547.0	.	529.5
International Avg (n=47)	13512	12506	29.3	66.6	3.8	4.1	3.7	508.3	506.5	501.3	478.5	503.1
Buenos Aires, Argentina	291	122	24.2	71.7	53.6	4.1	3.4	407.7	419.2	416.5	482.3	424.2
Ontario, Canada	275	252	71.6	28.4	7.4	0.0	1.0	532.7	527.2	520.1	.	533.6
Quebec, Canada	151	139	13.4	86.6	5.6	0.0	2.7	534.3	521.8	532.9	.	542.2
Norway (4)	223	196	65.3	33.9	10.1	0.8	0.4	491.3	496.2	491.3	518.7	501.3
Abu Dhabi, UAE	212	180	27.0	72.6	9.0	0.4	3.5	388.8	429.5	398.9	351.7	367.9
Dubai, UAE	290	262	26.6	73.3	2.8	0.0	6.2	522.3	514.5	501.6	582.5	544.7
Florida, US	120	94	30.5	69.5	20.6	0.0	0.0	553.7	548.7	542.1	.	.

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	435	11.8	88.2	5.7	0.0	2.5	514.4	525.1	510.2	.	547.6
Bahrain	345	301	16.6	69.1	2.2	14.3	9.2	456.4	457.3	423.6	462.0	476.9
Belgium (Flemish)	295	288	0.0	6.0	1.2	94.0	0.9	.	527.7	500.5	510.6	516.8
Bulgaria	233	193	12.7	86.5	0.0	0.8	16.7	561.6	530.8	.	498.2	541.7
Canada	699	641	5.1	91.8	5.6	3.1	2.7	531.8	524.1	519.8	529.3	539.8
Chile	180	132	22.5	76.9	6.9	0.6	22.1	482.5	478.5	473.8	520.3	472.7
Chinese Taipei	178	175	28.9	63.8	0.0	7.3	1.8	560.0	556.0	.	534.9	535.7
Croatia	223	219	14.5	85.5	1.5	0.0	0.3	536.3	533.0	531.0	.	543.4
Cyprus	242	235	20.2	77.8	1.1	2.0	1.4	483.3	480.5	494.5	492.1	471.8
Czech Republic	265	260	5.7	88.1	0.8	6.2	0.6	534.2	535.4	542.1	519.8	529.9
Denmark	196	162	28.2	42.0	11.8	29.8	3.3	521.5	527.3	531.5	529.5	530.0
England	214	187	6.7	88.5	5.1	4.8	3.4	544.8	537.3	521.2	519.8	528.0
Finland	341	328	10.3	88.6	4.3	1.1	0.0	556.3	553.7	557.2	524.7	505.2
France	273	245	3.9	61.1	4.9	35.1	5.2	482.1	483.7	470.9	493.8	506.3
Georgia	188	176	64.2	33.9	0.7	2.0	4.8	448.2	457.9	438.4	493.2	431.5
Germany	226	193	52.8	47.2	10.8	0.0	3.8	528.2	527.5	534.0	.	526.3
Hong Kong SAR	148	139	24.5	72.7	1.1	2.9	5.6	545.3	560.1	549.3	565.3	556.9
Hungary	244	181	1.2	98.8	1.1	0.0	23.5	560.3	541.5	588.9	.	540.8
Indonesia	293	269	19.7	71.5	0.0	8.8	8.4	406.4	403.5	.	340.8	376.2
Iran, Islamic Rep. of	291	269	21.0	69.6	0.0	9.4	7.4	421.9	424.7	.	410.3	398.8
Ireland	214	206	10.0	83.0	0.0	7.0	3.3	522.9	528.3	.	535.6	546.3
Italy	257	231	3.6	24.2	4.6	72.2	4.1	518.1	520.3	520.4	514.6	520.3
Japan	157	154	17.6	74.5	0.3	7.9	1.3	567.1	569.9	545.1	570.3	545.9
Kazakhstan	239	222	57.2	34.6	0.5	8.2	6.6	551.4	558.9	529.8	533.3	508.8
Korea, Rep. of	182	181	14.1	85.9	0.6	0.0	0.0	591.2	589.0	594.1	.	.
Kuwait	294	265	27.5	63.1	7.6	9.3	6.6	342.0	326.5	323.0	382.8	368.9
Lithuania	291	271	12.6	86.8	1.1	0.6	5.5	511.4	531.3	492.7	498.6	518.8
Morocco	367	328	5.2	24.8	4.4	70.1	7.3	361.3	351.6	338.3	350.6	370.5
Netherlands	223	159	17.1	81.2	22.4	1.7	3.0	521.0	517.8	515.6	480.1	513.3
New Zealand	461	444	13.8	84.4	2.2	1.8	0.7	512.2	505.6	483.8	493.0	471.2
Northern Ireland	154	130	13.0	83.4	17.4	3.6	0.6	520.6	520.7	514.8	530.4	488.5
Norway	227	196	29.7	67.3	11.9	3.0	0.1	540.6	538.2	527.0	539.6	614.1
Oman	357	338	71.0	27.1	0.4	1.9	4.4	439.0	414.5	395.6	410.7	415.7
Poland	254	0	.	.	.	.	.	.	.	.	.	.
Portugal	322	299	10.3	88.8	5.1	0.9	2.8	494.0	509.8	502.5	517.0	513.7
Qatar	227	216	7.6	77.8	0.0	14.5	4.5	427.8	442.9	.	409.6	423.2
Russian Federation	217	201	39.7	60.3	0.0	0.0	7.9	566.0	569.6	.	.	555.8
Saudi Arabia	189	177	6.3	78.5	0.5	15.2	5.9	419.3	379.8	351.8	413.9	439.1
Serbia	192	172	9.5	89.2	0.0	1.3	10.0	542.9	523.4	.	525.1	517.6
Singapore	358	349	43.6	52.7	1.5	3.8	1.4	594.4	587.0	598.2	579.8	619.3
Slovak Republic	328	318	14.9	83.9	0.7	1.3	2.6	526.2	518.9	567.2	533.9	518.0
Slovenia	256	241	1.5	98.5	5.4	0.0	0.6	550.0	542.9	533.3	.	552.6
Spain	393	360	12.8	85.3	4.1	1.9	4.5	518.9	518.1	519.3	534.1	511.0
Sweden	212	204	76.4	19.2	3.9	4.4	0.4	540.3	542.2	539.8	532.8	511.5
Turkey	251	225	4.5	89.4	0.0	6.1	9.6	477.4	485.3	.	482.3	470.7
United Arab Emirates	840	744	10.5	69.5	6.0	20.0	4.2	450.0	457.6	417.2	444.6	435.6
United States	492	428	11.2	87.5	12.7	1.2	1.8	547.1	545.9	547.0	578.7	511.6
International Avg (n=46)	13512	12087	19.8	69.8	3.9	10.4	4.9	507.3	505.7	501.2	495.8	500.9
Buenos Aires, Argentina	291	121	28.2	67.7	53.6	4.1	4.3	438.5	411.0	416.5	482.3	396.8
Ontario, Canada	275	248	4.8	89.1	6.3	6.2	3.4	540.8	531.0	512.1	526.2	543.5
Quebec, Canada	151	139	5.3	94.7	5.6	0.0	2.9	517.8	523.9	532.9	.	539.1
Norway (4)	223	196	29.4	69.5	9.9	1.2	0.7	491.8	493.9	491.1	509.5	464.2
Abu Dhabi, UAE	212	178	14.2	67.2	9.0	18.6	5.5	405.4	414.0	398.9	443.2	385.8
Dubai, UAE	290	268	11.0	74.1	2.7	14.9	3.8	521.4	524.3	492.1	480.2	549.0
Florida, US	120	92	8.9	89.4	20.6	1.8	1.8	576.2	548.3	542.1	575.4	504.5

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	435	11.4	88.6	5.7	0.0	2.5	512.3	525.3	510.2	.	547.6
Bahrain	345	306	74.6	11.5	1.9	13.9	8.3	456.3	464.5	420.5	462.7	475.4
Belgium (Flemish)	295	288	0.9	5.1	1.2	94.0	0.9	548.6	524.0	500.5	510.6	516.8
Bulgaria	233	187	17.3	81.9	0.0	0.8	19.5	541.8	533.7	.	498.2	539.2
Canada	699	642	7.4	89.5	5.5	3.1	2.7	531.0	523.9	520.0	529.3	539.8
Chile	180	132	26.9	72.5	6.9	0.6	22.1	476.3	480.6	473.8	520.3	472.7
Chinese Taipei	178	177	31.5	61.3	0.0	7.2	0.7	560.9	555.1	.	534.9	528.7
Croatia	223	219	16.0	84.0	1.5	0.0	0.3	538.2	532.5	531.0	.	543.4
Cyprus	242	235	23.0	75.0	1.1	2.0	1.4	483.8	480.2	494.5	492.1	471.8
Czech Republic	265	260	12.6	81.2	0.8	6.2	0.6	532.1	535.8	542.1	519.8	529.9
Denmark	196	162	19.9	50.4	11.8	29.7	3.1	522.2	525.9	531.5	529.5	532.4
England	214	188	9.9	85.3	5.1	4.8	2.7	562.2	534.7	521.2	519.8	533.0
Finland	341	328	11.8	87.1	4.3	1.1	0.0	557.9	553.5	557.2	524.7	505.2
France	273	244	11.7	53.1	4.9	35.2	5.5	477.2	485.1	470.9	493.8	505.2
Georgia	188	174	73.0	25.0	0.7	2.0	6.1	452.9	448.8	438.4	493.2	430.5
Germany	226	193	52.2	47.8	10.8	0.0	3.8	528.4	527.2	534.0	.	526.3
Hong Kong SAR	148	139	27.7	69.5	1.1	2.9	5.6	564.0	553.3	549.3	565.3	556.9
Hungary	244	181	6.8	93.2	1.1	0.0	23.5	555.9	540.7	588.9	.	540.8
Indonesia	293	263	23.2	67.7	0.0	9.1	11.9	384.8	410.7	.	340.8	384.3
Iran, Islamic Rep. of	291	267	16.0	74.5	0.0	9.5	7.9	441.7	419.9	.	410.3	403.6
Ireland	214	207	2.3	90.7	0.0	7.0	2.8	503.4	528.5	.	535.6	542.9
Italy	257	231	3.3	24.5	4.6	72.2	4.1	519.4	520.1	520.4	514.6	520.3
Japan	157	154	18.8	73.3	0.3	7.9	1.3	567.2	569.9	545.1	570.3	545.9
Kazakhstan	239	222	46.5	45.3	0.5	8.2	6.6	551.2	557.4	529.8	533.3	508.8
Korea, Rep. of	182	181	19.3	80.7	0.6	0.0	0.0	597.3	587.4	594.1	.	.
Kuwait	294	266	70.6	20.2	7.6	9.3	5.8	325.3	350.7	323.0	382.8	378.1
Lithuania	291	271	11.8	87.5	1.1	0.6	5.5	515.9	530.5	492.7	498.6	518.8
Morocco	367	328	7.6	22.3	4.4	70.1	7.3	360.8	350.7	338.3	350.6	370.5
Netherlands	223	159	6.8	91.5	22.4	1.7	3.0	527.9	517.7	515.6	480.1	513.3
New Zealand	461	442	8.4	89.8	2.2	1.8	0.8	507.4	506.5	483.8	493.0	462.4
Northern Ireland	154	128	7.1	89.3	17.4	3.7	1.0	540.4	519.1	514.8	530.4	506.0
Norway	227	197	36.1	60.9	11.9	3.0	0.0	540.0	538.4	527.0	539.6	.
Oman	357	338	81.0	17.1	0.4	1.9	4.2	433.0	428.9	395.6	410.7	414.2
Poland	254	0	.	.	.	.	.	.	.	.	.	.
Portugal	322	297	11.0	88.2	5.1	0.9	3.8	491.3	510.3	502.5	517.0	511.0
Qatar	227	221	51.4	34.2	0.0	14.4	3.4	430.9	456.8	.	409.6	423.9
Russian Federation	217	201	40.3	59.7	0.0	0.0	7.9	565.2	570.2	.	.	555.8
Saudi Arabia	189	180	74.5	10.6	0.5	15.0	4.2	383.2	393.7	351.8	413.9	427.1
Serbia	192	167	8.2	90.4	0.0	1.4	13.4	544.0	526.8	.	525.1	501.0
Singapore	358	349	47.9	48.3	1.5	3.8	1.4	591.5	589.2	598.2	579.8	619.3
Slovak Republic	328	318	17.9	80.8	0.7	1.3	2.6	524.6	519.0	567.2	533.9	518.0
Slovenia	256	238	3.8	96.2	5.4	0.0	1.7	549.8	542.4	533.3	.	567.8
Spain	393	360	15.5	82.6	4.1	1.9	3.8	525.1	516.6	519.3	534.1	514.9
Sweden	212	204	73.7	21.9	3.9	4.4	0.4	541.1	539.3	539.8	532.8	511.5
Turkey	251	226	3.2	90.8	0.0	6.0	9.0	487.6	484.9	.	482.3	469.2
United Arab Emirates	840	749	52.5	27.5	6.0	20.1	4.4	463.9	438.1	417.2	444.6	462.9
United States	492	428	10.4	88.3	12.7	1.2	1.7	540.4	547.0	547.0	578.7	495.5
International Avg (n=46)	13512	12082	26.2	63.4	3.9	10.4	5.0	507.7	506.4	501.1	495.8	498.7
Buenos Aires, Argentina	291	119	20.8	75.0	53.6	4.2	5.1	405.3	422.8	416.5	482.3	400.8
Ontario, Canada	275	248	8.2	85.6	6.3	6.2	3.4	545.8	530.1	512.1	526.2	543.5
Quebec, Canada	151	140	5.2	94.8	5.2	0.0	2.9	514.3	524.0	534.7	.	539.1
Norway (4)	223	196	28.9	69.9	9.9	1.2	0.7	488.8	495.1	491.1	509.5	464.2
Abu Dhabi, UAE	212	178	37.7	43.3	9.0	19.0	7.3	442.2	378.7	398.9	443.2	432.2
Dubai, UAE	290	268	55.8	29.2	2.7	14.9	4.0	514.9	542.1	492.1	480.2	541.7
Florida, US	120	92	5.8	92.4	20.6	1.8	1.8	560.5	550.3	542.1	575.4	504.5

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	436	21.6	78.4	5.7	0.0	2.5	514.4	526.4	510.2	.	547.8
Bahrain	345	302	6.5	79.4	2.2	14.1	9.1	466.4	456.3	423.6	462.7	476.8
Belgium (Flemish)	295	288	0.4	5.6	1.2	94.0	0.9	567.2	524.6	500.5	510.6	516.8
Bulgaria	233	187	5.4	93.8	0.0	0.8	19.5	554.3	534.0	.	498.2	539.2
Canada	699	640	22.6	74.3	5.6	3.1	2.8	516.4	526.9	519.8	529.3	540.6
Chile	180	132	25.6	73.8	6.9	0.6	22.1	469.9	482.7	473.8	520.3	472.7
Chinese Taipei	178	175	27.6	65.2	0.0	7.3	1.8	560.6	555.9	.	534.9	535.7
Croatia	223	219	17.5	82.5	1.5	0.0	0.3	538.5	532.4	531.0	.	543.4
Cyprus	242	235	15.6	82.4	1.1	2.0	1.4	474.3	482.3	494.5	492.1	471.8
Czech Republic	265	260	7.9	85.9	0.8	6.2	0.6	532.4	535.6	542.1	519.8	529.9
Denmark	196	161	18.6	51.5	11.8	29.9	3.7	522.6	525.3	531.5	529.5	535.2
England	214	187	14.3	80.9	5.1	4.8	3.4	532.2	538.8	521.2	519.8	528.0
Finland	341	327	18.2	80.7	4.3	1.1	0.3	557.4	553.2	557.2	524.7	564.7
France	273	245	14.4	50.5	4.9	35.1	5.2	479.3	484.9	470.9	493.8	506.3
Georgia	188	176	68.0	30.1	0.7	2.0	4.8	446.3	463.3	438.4	493.2	431.5
Germany	226	193	64.3	35.7	10.8	0.0	3.8	527.2	529.1	534.0	.	526.3
Hong Kong SAR	148	139	50.3	46.8	1.1	2.9	5.6	549.2	564.1	549.3	565.3	556.9
Hungary	244	180	2.3	97.7	1.1	0.0	24.0	563.7	541.0	588.9	.	541.4
Indonesia	293	262	24.1	66.7	0.0	9.2	12.2	396.6	407.8	.	340.8	380.3
Iran, Islamic Rep. of	291	265	27.2	63.3	0.0	9.5	8.2	425.4	423.0	.	410.3	405.1
Ireland	214	205	23.2	69.8	0.0	7.1	3.6	530.5	526.9	.	535.6	542.6
Italy	257	231	5.6	22.2	4.6	72.2	4.1	518.1	520.5	520.4	514.6	520.3
Japan	157	154	30.0	62.2	0.3	7.9	1.3	570.1	568.9	545.1	570.3	545.9
Kazakhstan	239	221	50.5	41.3	0.5	8.3	6.8	548.1	561.8	529.8	533.3	510.9
Korea, Rep. of	182	181	12.2	87.8	0.6	0.0	0.0	591.4	589.0	594.1	.	.
Kuwait	294	264	13.4	77.2	7.6	9.3	6.7	368.9	325.5	323.0	382.8	360.5
Lithuania	291	271	18.6	80.8	1.1	0.6	5.5	514.4	532.1	492.7	498.6	518.8
Morocco	367	328	11.8	18.1	4.4	70.1	7.3	351.2	354.6	338.3	350.6	370.5
Netherlands	223	159	20.6	77.6	22.4	1.7	3.0	517.5	518.6	515.6	480.1	513.3
New Zealand	461	441	19.3	78.9	2.2	1.8	1.4	514.2	505.6	483.8	493.0	432.2
Northern Ireland	154	128	17.9	78.5	17.4	3.7	1.0	524.8	519.7	514.8	530.4	506.0
Norway	227	197	25.5	71.6	11.9	3.0	0.0	537.4	539.6	527.0	539.6	.
Oman	357	338	7.8	90.3	0.4	1.9	4.4	414.5	433.8	395.6	410.7	415.7
Poland	254	0	.	.	.	.	.	.	.	.	.	.
Portugal	322	295	21.4	77.7	5.1	0.9	4.2	508.9	508.1	502.5	517.0	508.1
Qatar	227	218	13.1	72.4	0.0	14.5	4.2	455.9	438.5	.	409.6	428.1
Russian Federation	217	201	44.7	55.3	0.0	0.0	7.9	565.6	570.2	.	.	555.8
Saudi Arabia	189	176	1.0	83.8	0.5	15.3	6.1	455.6	382.5	351.8	413.9	428.4
Serbia	192	168	9.4	89.3	0.0	1.4	13.1	531.1	528.0	.	525.1	499.7
Singapore	358	349	46.2	50.0	1.5	3.8	1.4	587.0	593.4	598.2	579.8	619.3
Slovak Republic	328	318	16.0	82.7	0.7	1.3	2.6	522.2	519.6	567.2	533.9	518.0
Slovenia	256	238	5.4	94.6	5.4	0.0	1.7	549.4	542.3	533.3	.	567.8
Spain	393	357	23.8	74.3	4.1	1.9	5.1	514.7	519.0	519.3	534.1	515.7
Sweden	212	204	43.8	51.8	3.9	4.4	0.4	539.0	542.1	539.8	532.8	511.5
Turkey	251	225	6.1	87.9	0.0	6.1	9.1	484.8	484.8	.	482.3	470.7
United Arab Emirates	840	743	13.2	66.7	6.0	20.1	4.4	444.0	459.0	417.2	444.6	439.0
United States	492	431	18.8	80.0	12.7	1.2	1.0	546.2	545.6	547.0	578.7	514.2
International Avg (n=46)	13512	12050	21.1	68.4	3.9	10.4	5.2	508.7	506.9	501.2	495.8	499.2
Buenos Aires, Argentina	291	120	29.2	66.6	53.6	4.2	4.6	415.9	420.1	416.5	482.3	400.4
Ontario, Canada	275	247	22.1	71.7	6.3	6.2	3.5	525.9	533.1	512.1	526.2	544.8
Quebec, Canada	151	139	13.0	87.0	5.6	0.0	2.9	507.9	525.9	532.9	.	539.1
Norway (4)	223	196	38.3	60.5	9.9	1.2	0.7	497.9	490.3	491.1	509.5	464.2
Abu Dhabi, UAE	212	178	21.8	59.6	9.0	18.6	5.5	382.5	423.5	398.9	443.2	385.8
Dubai, UAE	290	267	12.0	73.1	2.7	15.0	4.3	544.0	520.9	492.1	480.2	541.8
Florida, US	120	92	23.4	74.8	20.6	1.8	1.8	558.2	548.6	542.1	575.4	504.5

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 Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	435	37.7	62.3	5.7	0.0	2.6	527.7	521.4	510.2	.	547.7
Bahrain	345	298	8.1	77.6	2.2	14.3	10.2	468.4	455.5	423.6	462.7	477.0
Belgium (Flemish)	295	287	5.3	0.2	1.2	94.4	1.3	526.7	474.4	500.5	510.6	533.7
Bulgaria	233	188	32.7	66.5	0.0	0.8	19.6	542.3	532.5	.	498.2	536.9
Canada	699	634	42.0	54.9	6.2	3.1	3.0	527.1	523.0	523.1	529.3	524.4
Chile	180	130	22.0	77.4	6.9	0.6	22.4	479.2	479.8	473.8	520.3	472.0
Chinese Taipei	178	172	43.5	49.1	0.0	7.4	3.1	556.9	557.4	.	534.9	546.3
Croatia	223	219	23.4	76.6	1.5	0.0	0.3	531.8	533.9	531.0	.	543.4
Cyprus	242	236	38.5	59.5	1.1	2.0	1.1	483.8	478.9	494.5	492.1	487.9
Czech Republic	265	259	53.3	40.4	0.8	6.3	1.0	536.9	532.8	542.1	519.8	548.6
Denmark	196	160	48.2	21.7	11.8	30.1	4.1	526.1	521.3	531.5	529.5	533.8
England	214	190	43.3	52.0	5.1	4.7	1.7	532.5	542.1	521.2	519.8	522.0
Finland	341	328	78.1	20.8	4.3	1.1	0.0	555.8	547.4	557.2	524.7	505.2
France	273	243	18.9	45.7	4.9	35.4	6.1	489.5	480.7	470.9	493.8	505.8
Georgia	188	177	45.7	52.3	0.7	2.0	4.4	443.5	458.4	438.4	493.2	431.0
Germany	226	191	63.4	36.6	10.8	0.0	4.9	531.0	523.2	534.0	.	521.9
Hong Kong SAR	148	136	39.4	57.6	1.1	3.0	9.6	549.5	558.2	549.3	565.3	572.0
Hungary	244	182	15.7	84.3	1.1	0.0	23.4	550.7	540.0	588.9	.	540.9
Indonesia	293	260	45.5	45.2	0.0	9.2	12.9	413.8	397.5	.	340.8	376.6
Iran, Islamic Rep. of	291	266	46.1	44.6	0.0	9.4	7.0	420.1	423.3	.	410.3	426.0
Ireland	214	205	53.4	39.5	0.0	7.1	3.9	527.0	528.7	.	535.6	542.7
Italy	257	231	9.5	18.3	4.6	72.2	4.1	517.3	521.5	520.4	514.6	520.3
Japan	157	155	52.4	39.8	0.3	7.8	0.6	570.1	568.3	545.1	570.3	520.6
Kazakhstan	239	220	50.5	41.2	0.5	8.3	7.4	552.6	557.3	529.8	533.3	508.8
Korea, Rep. of	182	181	74.5	25.5	0.6	0.0	0.0	587.1	595.7	594.1	.	.
Kuwait	294	262	12.4	78.2	7.6	9.4	7.0	373.6	325.0	323.0	382.8	362.3
Lithuania	291	271	29.8	69.6	1.1	0.6	5.0	528.7	528.2	492.7	498.6	525.2
Morocco	367	327	9.3	20.7	4.4	70.0	7.2	346.0	358.8	338.3	350.6	364.9
Netherlands	223	159	66.2	32.1	21.9	1.7	3.2	517.4	519.7	516.2	480.1	515.9
New Zealand	461	438	33.1	65.1	2.2	1.8	2.1	511.4	505.6	483.8	493.0	449.2
Northern Ireland	154	128	59.0	37.3	17.4	3.7	1.0	519.4	522.6	514.8	530.4	506.0
Norway	227	195	65.3	31.7	11.9	3.0	0.7	539.2	537.9	527.0	539.6	564.5
Oman	357	338	11.5	86.5	0.4	1.9	4.4	429.3	432.6	395.6	410.7	415.7
Poland	254	0	.	.	.	.	.	.	.	.	.	.
Portugal	322	290	30.9	68.2	5.1	0.9	4.9	507.4	508.8	502.5	517.0	507.1
Qatar	227	215	16.7	68.7	0.0	14.6	5.1	459.3	435.6	.	409.6	446.3
Russian Federation	217	199	51.2	48.8	0.0	0.0	8.6	570.2	567.3	.	.	550.2
Saudi Arabia	189	175	7.6	77.1	0.5	15.3	6.6	370.8	385.1	351.8	413.9	420.8
Serbia	192	167	8.7	90.0	0.0	1.4	14.0	534.6	527.6	.	525.1	502.0
Singapore	358	348	28.7	67.6	1.5	3.8	1.4	595.5	589.1	598.2	579.8	577.3
Slovak Republic	328	319	39.4	59.4	0.7	1.3	2.4	514.7	523.7	567.2	533.9	514.9
Slovenia	256	238	5.5	94.5	5.4	0.0	1.7	554.0	542.0	533.3	.	567.8
Spain	393	357	72.2	25.9	4.1	1.9	4.3	518.1	519.0	519.3	534.1	507.1
Sweden	212	204	57.4	38.2	3.9	4.4	0.4	538.4	544.1	539.8	532.8	511.5
Turkey	251	236	38.5	55.7	0.0	5.8	5.3	489.2	478.8	.	482.3	490.0
United Arab Emirates	840	742	17.6	62.2	6.0	20.2	4.8	446.1	458.6	417.2	444.6	450.1
United States	492	427	28.0	70.8	12.7	1.2	2.0	548.0	545.6	547.0	578.7	506.1
International Avg (n=46)	13512	12018	36.5	53.0	3.9	10.5	5.4	507.8	504.5	501.3	495.8	500.0
Buenos Aires, Argentina	291	120	41.7	54.1	53.6	4.2	4.9	419.7	418.9	416.5	482.3	397.7
Ontario, Canada	275	247	52.2	41.6	7.7	6.2	2.4	533.0	529.9	518.7	526.2	532.3
Quebec, Canada	151	136	15.8	84.2	5.2	0.0	5.5	527.4	523.6	534.7	.	519.3
Norway (4)	223	195	68.3	30.5	9.9	1.2	1.0	493.7	491.6	491.1	509.5	493.0
Abu Dhabi, UAE	212	177	27.0	54.4	9.0	18.6	5.5	386.8	426.2	398.9	443.2	378.7
Dubai, UAE	290	265	19.5	65.2	2.7	15.3	6.2	541.1	518.0	492.1	480.2	547.0
Florida, US	120	92	25.8	72.4	20.6	1.8	1.8	560.2	547.5	542.1	575.4	504.5



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 %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	30.1	63.0	6.7	0.3	0.0	5.7	0.0	0.4
Bahrain	345	337	44.8	49.1	6.1	0.0	0.0	1.9	0.0	1.0
Belgium (Flemish)	295	289	7.5	55.3	36.7	0.5	0.0	1.2	0.0	0.5
Bulgaria	233	232	38.2	49.9	11.9	0.0	0.0	0.0	0.0	0.4
Canada	699	647	50.9	42.4	6.3	0.3	0.1	5.5	0.0	1.5
Chile	180	161	15.6	67.5	15.3	0.8	0.8	6.9	0.0	3.0
Chinese Taipei	178	178	24.0	64.1	11.9	0.0	0.0	0.0	0.0	0.0
Croatia	223	220	55.6	40.6	3.4	0.4	0.0	1.5	0.0	0.0
Cyprus	242	235	27.6	62.0	10.3	0.0	0.0	1.1	0.0	1.8
Czech Republic	265	263	23.4	57.5	18.8	0.3	0.0	0.8	0.0	0.0
Denmark	196	166	12.1	64.7	20.5	2.0	0.7	11.8	0.0	1.2
England	214	194	37.1	55.0	6.6	0.0	1.3	5.1	0.0	0.0
Finland	341	329	21.8	62.9	14.7	0.5	0.0	4.3	0.0	0.0
France	273	261	26.3	59.6	13.7	0.0	0.4	4.0	0.0	0.6
Georgia	188	187	29.0	66.2	4.8	0.0	0.0	0.7	0.0	0.0
Germany	226	197	20.0	66.6	12.9	0.5	0.0	10.8	0.0	1.6
Hong Kong SAR	148	145	17.5	65.9	15.9	0.7	0.0	1.1	0.0	0.3
Hungary	244	236	23.1	68.7	8.2	0.0	0.0	1.1	0.0	2.3
Indonesia	293	290	11.7	42.8	42.2	2.5	0.8	0.0	0.0	0.9
Iran, Islamic Rep. of	291	289	30.1	58.8	11.0	0.1	0.0	0.0	0.0	1.4
Ireland	214	214	57.0	38.1	4.2	0.8	0.0	0.0	0.0	0.0
Italy	257	239	17.9	59.2	22.0	0.9	0.0	4.6	0.0	2.1
Japan	157	153	12.8	52.7	33.7	0.8	0.0	0.3	0.0	2.0
Kazakhstan	239	238	46.0	50.9	3.1	0.0	0.0	0.5	0.0	0.0
Korea, Rep. of	182	181	59.5	33.3	5.9	1.3	0.0	0.6	0.0	0.0
Kuwait	294	278	31.6	55.0	12.1	1.3	0.0	7.6	0.0	1.3
Lithuania	291	285	55.9	40.0	4.1	0.0	0.0	1.1	0.0	0.0
Morocco	367	344	12.3	50.8	34.7	1.6	0.6	4.4	0.0	2.1
Netherlands	223	171	4.8	51.4	42.8	1.0	0.0	21.4	0.0	0.0
New Zealand	461	444	27.9	56.1	15.2	0.8	0.0	2.2	0.0	0.6
Northern Ireland	154	130	71.4	28.4	0.2	0.0	0.0	17.4	0.0	0.5
Norway	227	196	15.3	71.8	12.9	0.0	0.0	11.9	0.0	0.5
Oman	357	337	51.6	43.8	4.4	0.0	0.2	0.4	0.0	5.0
Poland	254	249	48.9	47.0	4.1	0.0	0.0	0.0	0.0	1.9
Portugal	322	303	30.3	56.7	13.0	0.0	0.0	5.1	0.0	1.7
Qatar	227	225	56.8	36.2	6.1	1.0	0.0	0.0	0.0	1.9
Russian Federation	217	215	29.1	66.4	4.5	0.0	0.0	0.0	0.0	1.7
Saudi Arabia	189	185	28.6	56.5	14.3	0.6	0.0	0.5	0.0	1.3
Serbia	192	188	30.3	58.4	10.9	0.0	0.5	0.7	0.0	1.5
Singapore	358	352	13.1	70.7	16.2	0.0	0.0	1.5	0.0	0.3
Slovak Republic	328	323	19.1	67.5	13.4	0.0	0.0	0.7	0.0	1.0
Slovenia	256	242	20.4	68.1	11.4	0.0	0.0	5.4	0.0	0.2
Spain	393	373	26.2	62.9	9.7	1.2	0.0	4.1	0.0	0.4
Sweden	212	203	30.7	57.3	12.0	0.0	0.0	3.9	0.0	0.7
Turkey	251	251	15.8	63.6	19.6	1.1	0.0	0.0	0.0	0.0
United Arab Emirates	840	771	39.9	52.1	7.7	0.3	0.1	5.9	0.0	2.4
United States	492	434	41.0	47.3	10.7	1.0	0.0	12.7	0.0	0.5
International Avg (n=47)	13512	12820	30.6	55.4	13.3	0.5	0.1	3.8	0.0	1.0
Buenos Aires, Argentina	291	132	23.8	60.0	16.2	0.0	0.0	53.6	0.0	0.4
Ontario, Canada	275	248	41.2	50.1	8.7	0.0	0.0	6.3	0.0	2.9
Quebec, Canada	151	142	67.6	29.5	2.1	0.6	0.2	5.2	0.0	0.2
Norway (4)	223	198	17.5	67.7	14.0	0.8	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	185	33.9	53.6	12.1	0.4	0.0	9.0	0.0	1.9
Dubai, UAE	290	271	33.9	60.4	5.2	0.5	0.0	2.8	0.0	3.3
Florida, US	120	93	36.9	46.2	15.6	1.3	0.0	20.6	0.0	0.5

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 Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	531.4	522.7	515.2	497.2	.	510.2	.	454.8
Bahrain	345	337	461.1	457.5	466.3	.	.	420.5	.	449.1
Belgium (Flemish)	295	289	499.9	514.9	509.2	510.9	.	500.5	.	511.4
Bulgaria	233	232	546.7	532.9	512.3	.	.	.	.	535.9
Canada	699	647	521.8	529.1	525.8	528.0	528.5	520.0	.	520.7
Chile	180	161	482.1	482.4	465.2	413.5	458.5	473.8	.	450.0
Chinese Taipei	178	178	553.7	556.6	551.4	.	.	.	.	.
Croatia	223	220	535.6	529.5	547.8	529.0	.	531.0	.	.
Cyprus	242	235	481.0	482.0	464.8	.	.	494.5	.	544.3
Czech Republic	265	263	534.0	532.8	538.8	574.7	.	542.1	.	.
Denmark	196	166	537.7	525.2	523.2	515.0	592.1	531.2	.	518.2
England	214	194	540.6	535.3	524.9	.	.	538.0	.	.
Finland	341	329	555.3	554.1	549.8	548.5	.	557.2	.	488.3
France	273	261	482.0	493.0	476.8	.	494.5	471.5	.	508.4
Georgia	188	187	463.9	447.2	433.2	.	.	438.4	.	.
Germany	226	197	529.9	530.1	514.0	550.7	.	534.0	.	511.7
Hong Kong SAR	148	145	569.2	556.2	547.3	493.1	.	549.3	.	558.8
Hungary	244	236	545.3	541.1	545.0	.	.	588.9	.	503.7
Indonesia	293	290	432.1	403.8	388.3	315.9	297.2	.	.	300.9
Iran, Islamic Rep. of	291	289	426.1	417.4	431.1	409.7	.	.	.	383.6
Ireland	214	214	531.2	528.7	509.9	464.5	.	.	.	.
Italy	257	239	517.5	518.9	511.9	488.6	.	520.4	.	491.7
Japan	157	153	574.1	570.3	565.9	559.7	.	545.1	.	563.6
Kazakhstan	239	238	559.2	543.4	511.1	.	.	529.8	.	.
Korea, Rep. of	182	181	591.7	586.9	580.8	578.2	.	594.1	.	.
Kuwait	294	278	553.1	330.4	332.8	338.7	.	323.0	.	365.5
Lithuania	291	285	527.5	528.8	530.8	.	.	492.7	.	374.7
Morocco	367	344	378.9	358.2	337.1	372.2	219.7	338.3	.	353.7
Netherlands	223	171	507.5	516.5	519.5	521.8	.	516.1	.	.
New Zealand	461	444	510.8	508.5	491.0	463.0	.	483.8	.	485.0
Northern Ireland	154	130	520.3	521.6	569.7	.	.	514.8	.	533.3
Norway	227	196	541.0	538.7	536.8	.	.	527.0	.	572.1
Oman	357	337	440.1	424.5	394.7	.	338.5	395.6	.	431.8
Poland	254	249	547.8	546.6	552.8	.	.	.	.	534.2
Portugal	322	303	514.1	506.7	503.4	.	.	502.5	.	499.5
Qatar	227	225	437.1	428.9	467.6	428.0	.	.	.	457.1
Russian Federation	217	215	568.1	567.7	557.7	.	.	.	.	555.7
Saudi Arabia	189	185	415.2	391.8	345.6	285.1	.	351.8	.	339.5
Serbia	192	188	529.0	523.1	519.8	.	502.7	506.9	.	536.2
Singapore	358	352	610.8	590.5	574.4	.	.	598.2	.	529.9
Slovak Republic	328	323	521.3	522.0	509.3	.	.	567.2	.	517.7
Slovenia	256	242	538.3	544.8	542.5	.	.	533.3	.	505.9
Spain	393	373	516.5	519.0	517.5	507.6	.	519.3	.	537.3
Sweden	212	203	539.6	545.3	517.9	.	.	539.8	.	536.2
Turkey	251	251	507.0	482.9	470.7	393.7	.	.	.	.
United Arab Emirates	840	771	457.7	452.7	420.3	361.8	432.3	418.1	.	505.9
United States	492	434	551.1	543.0	539.3	525.6	.	547.0	.	542.7
International Avg (n=47)	13512	12820	511.4	506.0	499.2	468.3	440.2	501.3	.	486.7
Buenos Aires, Argentina	291	132	432.3	417.0	409.6	.	.	416.5	.	408.3
Ontario, Canada	275	248	529.4	535.0	526.8	.	.	512.1	.	519.2
Quebec, Canada	151	142	525.1	521.1	521.3	523.9	528.5	534.7	.	554.3
Norway (4)	223	198	493.0	496.4	480.9	448.9	.	491.1	.	.
Abu Dhabi, UAE	212	185	416.0	423.6	377.7	316.0	.	398.9	.	473.5
Dubai, UAE	290	271	527.9	511.0	519.2	409.3	.	499.2	.	568.8
Florida, US	120	93	565.1	549.3	517.5	592.2	.	542.1	.	477.2

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 %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	17.7	68.2	13.7	0.4	0.0	5.7	0.0	0.4
Bahrain	345	337	36.8	52.0	9.7	1.5	0.0	1.9	0.0	1.0
Belgium (Flemish)	295	290	9.1	64.5	25.8	0.6	0.0	1.2	0.0	0.3
Bulgaria	233	233	21.6	59.0	18.9	0.5	0.0	0.0	0.0	0.0
Canada	699	648	33.8	54.9	10.9	0.4	0.0	5.5	0.0	1.4
Chile	180	160	7.4	56.4	33.9	2.4	0.0	6.9	0.0	3.2
Chinese Taipei	178	178	30.4	61.4	8.3	0.0	0.0	0.0	0.0	0.0
Croatia	223	220	47.9	51.0	1.1	0.0	0.0	1.5	0.0	0.0
Cyprus	242	235	13.0	64.3	22.5	0.3	0.0	1.1	0.0	1.8
Czech Republic	265	263	13.0	57.0	29.6	0.4	0.0	0.8	0.0	0.0
Denmark	196	162	3.0	50.2	44.0	2.8	0.0	11.8	0.0	3.5
England	214	194	31.0	55.7	12.4	0.9	0.0	5.1	0.0	0.0
Finland	341	329	12.7	70.3	17.0	0.0	0.0	4.3	0.0	0.0
France	273	256	17.0	51.4	29.1	2.4	0.2	4.0	0.0	2.0
Georgia	188	185	16.3	71.9	11.8	0.0	0.0	0.7	0.0	0.9
Germany	226	194	9.4	63.1	26.2	0.8	0.4	10.8	0.0	3.1
Hong Kong SAR	148	145	9.3	67.5	23.2	0.0	0.0	1.1	0.0	0.3
Hungary	244	236	9.5	59.0	31.5	0.0	0.0	1.1	0.0	2.3
Indonesia	293	290	6.9	40.3	49.5	2.5	0.8	0.0	0.0	1.3
Iran, Islamic Rep. of	291	290	24.9	54.6	19.9	0.6	0.0	0.0	0.0	0.2
Ireland	214	214	42.2	50.2	7.6	0.0	0.0	0.0	0.0	0.0
Italy	257	239	7.6	58.0	34.1	0.3	0.0	4.6	0.0	1.9
Japan	157	155	9.1	61.3	29.6	0.0	0.0	0.3	0.0	0.6
Kazakhstan	239	238	27.2	64.5	8.4	0.0	0.0	0.5	0.0	0.0
Korea, Rep. of	182	181	57.7	37.9	4.4	0.0	0.0	0.6	0.0	0.0
Kuwait	294	276	30.5	57.0	11.6	0.8	0.0	7.6	0.0	1.6
Lithuania	291	285	28.4	65.6	5.5	0.0	0.5	1.1	0.0	0.0
Morocco	367	346	8.8	44.9	43.4	2.0	1.0	4.4	0.0	1.3
Netherlands	223	169	3.1	59.2	37.2	0.5	0.0	21.4	0.0	0.8
New Zealand	461	444	22.6	61.3	15.2	0.8	0.0	2.2	0.0	0.6
Northern Ireland	154	130	53.4	44.9	1.7	0.0	0.0	17.4	0.0	0.5
Norway	227	194	4.8	73.0	22.2	0.0	0.0	11.9	0.0	1.3
Oman	357	336	46.7	44.7	8.5	0.0	0.2	0.4	0.0	5.0
Poland	254	252	19.9	73.3	6.8	0.0	0.0	0.0	0.0	0.7
Portugal	322	302	11.9	58.5	28.3	1.2	0.0	5.1	0.0	2.0
Qatar	227	223	49.3	41.3	9.4	0.0	0.0	0.0	0.0	3.0
Russian Federation	217	213	10.2	68.1	21.7	0.0	0.0	0.0	0.0	2.5
Saudi Arabia	189	184	21.1	63.2	14.7	1.0	0.0	0.5	0.0	2.0
Serbia	192	188	17.7	69.3	12.6	0.0	0.5	0.7	0.0	1.7
Singapore	358	352	10.3	63.2	26.3	0.2	0.0	1.5	0.0	0.3
Slovak Republic	328	324	13.0	62.7	23.9	0.4	0.0	0.7	0.0	0.7
Slovenia	256	242	14.6	71.9	13.5	0.0	0.0	5.4	0.0	0.2
Spain	393	374	15.7	61.1	21.5	1.7	0.0	4.1	0.0	0.2
Sweden	212	202	19.1	54.9	25.0	1.0	0.0	3.9	0.0	1.4
Turkey	251	250	12.9	62.8	23.3	1.0	0.0	0.0	0.0	0.5
United Arab Emirates	840	769	30.9	56.1	12.0	0.6	0.5	5.9	0.0	2.7
United States	492	434	29.3	51.9	17.4	1.4	0.0	12.7	0.0	0.5
International Avg (n=47)	13512	12801	21.0	58.6	19.7	0.6	0.1	3.8	0.0	1.1
Buenos Aires, Argentina	291	131	7.0	59.1	32.4	1.5	0.0	53.6	0.0	0.7
Ontario, Canada	275	248	26.8	58.1	15.2	0.0	0.0	6.3	0.0	2.9
Quebec, Canada	151	143	50.1	46.0	3.4	0.6	0.0	5.2	0.0	0.0
Norway (4)	223	198	8.4	67.1	23.6	0.8	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	185	20.2	58.6	18.4	1.4	1.3	9.0	0.0	1.9
Dubai, UAE	290	272	27.5	61.3	11.2	0.0	0.0	2.8	0.0	3.4
Florida, US	120	93	28.6	50.9	18.2	2.3	0.0	20.6	0.0	0.5

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 Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	530.3	525.7	513.4	507.8	.	510.2	.	454.8
Bahrain	345	337	466.1	455.9	459.8	432.8	.	420.5	.	449.1
Belgium (Flemish)	295	290	515.0	515.4	502.2	455.5	.	500.5	.	525.6
Bulgaria	233	233	547.0	541.3	504.7	558.7	.	.	.	.
Canada	699	648	522.0	528.0	523.5	443.7	.	520.0	.	519.2
Chile	180	160	486.1	481.9	475.3	446.1	.	473.8	.	447.0
Chinese Taipei	178	178	557.4	555.0	549.9	.	.	.	.	.
Croatia	223	220	533.9	533.2	526.8	.	.	531.0	.	.
Cyprus	242	235	481.2	483.2	470.3	453.8	.	494.5	.	544.3
Czech Republic	265	263	535.0	534.4	533.7	546.8	.	542.1	.	.
Denmark	196	162	541.2	529.9	522.2	509.7	.	531.2	.	530.7
England	214	194	547.5	533.3	525.9	514.4	.	521.2	.	.
Finland	341	329	550.0	554.8	551.7	.	.	557.2	.	488.3
France	273	256	476.7	495.9	483.6	466.6	363.8	471.5	.	486.0
Georgia	188	185	471.1	448.9	437.4	.	.	438.4	.	474.4
Germany	226	194	525.1	535.9	514.3	514.0	383.5	534.0	.	511.4
Hong Kong SAR	148	145	573.2	558.3	545.1	.	.	549.3	.	558.8
Hungary	244	236	548.3	548.8	528.6	.	.	588.9	.	503.7
Indonesia	293	290	403.9	414.3	387.4	326.0	297.2	.	.	358.9
Iran, Islamic Rep. of	291	290	424.4	417.2	427.4	393.2	.	.	.	468.4
Ireland	214	214	534.3	527.6	507.4	.	.	.	.	.
Italy	257	239	497.4	519.9	513.9	557.4	.	520.4	.	517.5
Japan	157	155	565.8	571.5	565.6	.	.	545.1	.	545.4
Kazakhstan	239	238	561.9	547.1	529.1	.	.	529.8	.	.
Korea, Rep. of	182	181	591.5	587.6	574.9	.	.	594.1	.	.
Kuwait	294	276	353.6	334.9	309.2	366.3	.	323.0	.	364.6
Lithuania	291	285	530.8	528.2	514.4	.	519.2	492.7	.	374.7
Morocco	367	346	380.1	358.8	343.2	349.6	267.3	338.3	.	352.9
Netherlands	223	169	515.5	516.2	518.3	533.1	.	516.1	.	554.7
New Zealand	461	444	516.6	507.0	485.8	531.0	.	483.8	.	485.0
Northern Ireland	154	130	519.8	521.7	526.0	.	.	514.8	.	533.3
Norway	227	194	544.9	541.6	528.5	.	.	527.0	.	552.4
Oman	357	336	438.3	427.3	413.7	.	338.5	395.6	.	430.5
Poland	254	252	550.4	547.1	540.5	.	.	.	.	527.4
Portugal	322	302	515.5	513.3	498.3	452.0	.	502.5	.	498.6
Qatar	227	223	441.8	426.3	441.1	.	.	.	.	466.4
Russian Federation	217	213	574.1	573.6	545.6	.	.	.	.	552.5
Saudi Arabia	189	184	414.7	392.3	366.8	245.5	.	351.8	.	324.0
Serbia	192	188	525.7	523.6	526.9	.	502.7	506.9	.	543.9
Singapore	358	352	613.0	591.4	580.3	517.7	.	598.2	.	529.9
Slovak Republic	328	324	518.5	528.2	501.3	457.9	.	567.2	.	512.5
Slovenia	256	242	538.0	545.0	539.3	.	.	533.3	.	505.9
Spain	393	374	530.3	522.2	500.9	474.9	.	519.3	.	547.8
Sweden	212	202	539.5	543.9	539.5	370.9	.	539.8	.	534.7
Turkey	251	250	506.0	487.7	464.2	361.5	.	.	.	485.4
United Arab Emirates	840	769	468.2	452.6	418.8	308.5	304.2	418.1	.	502.7
United States	492	434	554.4	546.0	533.6	509.7	.	547.0	.	542.7
International Avg (n=47)	13512	12801	512.3	508.0	496.0	450.2	372.0	501.3	.	489.9
Buenos Aires, Argentina	291	131	439.0	423.9	411.2	352.5	.	416.5	.	391.0
Ontario, Canada	275	248	526.8	536.5	523.9	.	.	512.1	.	519.2
Quebec, Canada	151	143	522.4	525.9	521.1	523.9	.	534.7	.	.
Norway (4)	223	198	489.6	495.7	491.1	389.7	.	491.1	.	.
Abu Dhabi, UAE	212	185	436.7	424.2	378.3	284.0	304.2	398.9	.	491.4
Dubai, UAE	290	272	537.8	512.5	488.1	.	.	499.2	.	566.0
Florida, US	120	93	566.9	550.1	527.6	545.7	.	542.1	.	477.2

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 %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	37.4	54.9	7.4	0.3	0.0	5.7	0.0	0.4
Bahrain	345	337	23.8	47.5	27.9	0.7	0.0	1.9	0.0	1.0
Belgium (Flemish)	295	290	10.9	59.9	27.9	1.4	0.0	1.2	0.0	0.3
Bulgaria	233	232	17.1	58.2	23.9	0.8	0.0	0.0	0.0	0.4
Canada	699	649	41.5	48.8	9.7	0.0	0.0	5.5	0.0	1.4
Chile	180	161	18.7	50.2	27.3	3.8	0.0	6.9	0.0	3.0
Chinese Taipei	178	177	22.7	67.8	9.5	0.0	0.0	0.0	0.0	0.6
Croatia	223	220	27.0	64.5	8.1	0.4	0.0	1.5	0.0	0.0
Cyprus	242	239	20.0	49.2	28.9	1.8	0.0	1.1	0.0	0.0
Czech Republic	265	262	11.7	50.5	37.1	0.7	0.0	0.8	0.0	0.3
Denmark	196	164	9.2	64.2	26.6	0.0	0.0	11.8	0.0	2.3
England	214	194	52.0	42.1	4.8	1.1	0.0	5.1	0.0	0.0
Finland	341	329	6.7	68.4	24.9	0.0	0.0	4.3	0.0	0.0
France	273	256	34.8	59.3	5.9	0.0	0.0	4.0	0.0	2.0
Georgia	188	183	9.5	67.2	23.4	0.0	0.0	0.7	0.0	1.9
Germany	226	197	6.3	51.6	36.1	5.6	0.4	10.8	0.0	1.3
Hong Kong SAR	148	143	15.8	65.6	15.4	3.1	0.0	1.1	0.0	2.3
Hungary	244	235	7.3	69.8	22.8	0.1	0.0	1.1	0.0	2.8
Indonesia	293	293	54.9	40.6	4.5	0.0	0.0	0.0	0.0	0.0
Iran, Islamic Rep. of	291	288	24.1	55.6	19.9	0.4	0.0	0.0	0.0	1.4
Ireland	214	214	47.2	45.4	6.4	0.3	0.8	0.0	0.0	0.0
Italy	257	240	10.0	61.0	28.2	0.8	0.0	4.6	0.0	1.9
Japan	157	155	7.1	51.3	37.6	3.9	0.0	0.3	0.0	0.6
Kazakhstan	239	237	22.4	67.8	9.8	0.0	0.0	0.5	0.0	0.3
Korea, Rep. of	182	181	54.1	32.3	10.6	1.7	1.3	0.6	0.0	0.0
Kuwait	294	278	16.0	51.4	31.4	1.2	0.0	7.6	0.0	1.3
Lithuania	291	285	18.5	63.9	16.9	0.2	0.5	1.1	0.0	0.0
Morocco	367	345	6.6	34.4	52.6	5.4	0.9	4.4	0.0	1.3
Netherlands	223	171	7.4	68.6	23.0	1.0	0.0	21.4	0.0	0.0
New Zealand	461	443	46.7	47.5	5.3	0.5	0.0	2.2	0.0	0.8
Northern Ireland	154	130	62.2	37.8	0.0	0.0	0.0	17.4	0.0	0.5
Norway	227	196	8.9	70.8	19.8	0.4	0.0	11.9	0.0	0.5
Oman	357	335	19.3	57.6	21.4	1.7	0.0	0.4	0.0	5.7
Poland	254	250	28.2	59.8	12.0	0.0	0.0	0.0	0.0	1.4
Portugal	322	303	8.0	45.9	43.0	2.7	0.5	5.1	0.0	1.5
Qatar	227	225	35.0	45.5	19.5	0.1	0.0	0.0	0.0	1.9
Russian Federation	217	215	2.8	50.0	47.2	0.0	0.0	0.0	0.0	1.6
Saudi Arabia	189	182	7.3	49.6	39.5	3.7	0.0	0.5	0.0	3.2
Serbia	192	188	14.1	66.6	19.3	0.0	0.0	0.7	0.0	1.2
Singapore	358	352	11.6	68.0	20.4	0.0	0.0	1.5	0.0	0.3
Slovak Republic	328	324	10.5	53.5	34.4	1.2	0.5	0.7	0.0	0.7
Slovenia	256	242	9.6	68.8	21.6	0.0	0.0	5.4	0.0	0.2
Spain	393	371	18.4	47.7	31.6	2.2	0.0	4.1	0.0	1.6
Sweden	212	203	24.5	57.6	16.5	1.3	0.0	3.9	0.0	0.7
Turkey	251	251	22.7	52.6	22.5	1.9	0.3	0.0	0.0	0.0
United Arab Emirates	840	760	28.1	51.3	18.5	2.0	0.0	6.0	0.0	3.1
United States	492	434	42.3	48.4	8.5	0.7	0.0	12.7	0.0	0.5
International Avg (n=47)	13512	12799	22.1	55.1	21.5	1.1	0.1	3.8	0.0	1.1
Buenos Aires, Argentina	291	130	10.4	69.0	20.2	0.0	0.3	53.6	0.0	0.9
Ontario, Canada	275	249	35.8	53.1	11.1	0.0	0.0	6.3	0.0	2.8
Quebec, Canada	151	143	50.7	41.1	8.2	0.0	0.0	5.2	0.0	0.0
Norway (4)	223	198	12.6	67.1	18.6	1.7	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	184	22.0	51.5	23.5	3.0	0.0	9.0	0.0	3.0
Dubai, UAE	290	270	34.6	51.7	12.6	1.1	0.0	2.8	0.0	3.2
Florida, US	120	93	49.0	35.5	15.5	0.0	0.0	20.6	0.0	0.5

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 Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	532.3	523.1	499.6	492.9	.	510.2	.	454.8
Bahrain	345	337	463.0	465.2	447.5	454.2	.	420.5	.	449.1
Belgium (Flemish)	295	290	518.2	514.5	504.2	482.0	.	500.5	.	525.6
Bulgaria	233	232	546.4	546.5	504.8	478.6	.	.	.	466.8
Canada	699	649	525.8	526.1	516.5	.	.	520.0	.	525.4
Chile	180	161	484.6	486.9	463.6	456.4	.	473.8	.	450.0
Chinese Taipei	178	177	558.1	555.1	552.8	.	.	.	.	510.8
Croatia	223	220	541.0	530.2	534.5	526.0	.	531.0	.	.
Cyprus	242	239	496.2	482.7	468.5	475.1	.	494.5	.	.
Czech Republic	265	262	542.3	538.0	526.5	553.2	.	542.1	.	521.5
Denmark	196	164	534.1	532.8	508.8	.	.	531.2	.	523.5
England	214	194	538.1	538.3	507.5	531.0	.	521.2	.	.
Finland	341	329	549.7	556.2	547.8	.	.	557.2	.	488.3
France	273	256	483.3	491.6	484.0	.	.	471.5	.	478.4
Georgia	188	183	481.2	454.8	431.6	.	.	438.4	.	424.4
Germany	226	197	533.8	537.8	522.6	475.7	383.5	534.0	.	517.7
Hong Kong SAR	148	143	579.9	552.2	534.7	608.3	.	549.3	.	598.1
Hungary	244	235	580.2	545.9	521.9	503.9	.	588.9	.	491.8
Indonesia	293	293	399.5	397.0	359.0	.	.	.	.	.
Iran, Islamic Rep. of	291	288	434.3	419.6	411.8	372.7	.	.	.	390.6
Ireland	214	214	533.8	528.1	506.7	512.0	464.5	.	.	.
Italy	257	240	527.4	517.2	509.8	504.2	.	520.4	.	529.3
Japan	157	155	576.5	572.4	565.1	553.8	.	545.1	.	545.4
Kazakhstan	239	237	561.8	545.9	547.6	.	.	529.8	.	550.3
Korea, Rep. of	182	181	593.8	587.3	578.7	557.9	578.2	594.1	.	.
Kuwait	294	278	365.7	343.5	315.3	325.3	.	323.0	.	365.5
Lithuania	291	285	531.2	532.0	511.1	469.8	519.2	492.7	.	374.7
Morocco	367	345	334.2	386.4	338.8	310.1	317.6	338.3	.	334.5
Netherlands	223	171	518.0	514.2	528.1	488.8	.	516.1	.	.
New Zealand	461	443	505.4	507.8	502.7	455.5	.	483.8	.	484.9
Northern Ireland	154	130	521.6	519.4	.	.	.	514.8	.	533.3
Norway	227	196	560.3	539.9	525.0	548.9	.	527.0	.	572.1
Oman	357	335	435.7	433.4	421.1	420.4	.	395.6	.	433.6
Poland	254	250	550.4	546.8	543.9	.	.	.	.	529.4
Portugal	322	303	526.0	512.5	503.5	478.6	475.6	502.5	.	490.8
Qatar	227	225	466.2	425.6	405.7	355.9	.	.	.	457.1
Russian Federation	217	215	572.2	570.9	563.4	.	.	.	.	553.4
Saudi Arabia	189	182	388.4	400.4	385.0	329.6	.	351.8	.	381.9
Serbia	192	188	532.9	529.5	501.6	.	.	506.9	.	529.3
Singapore	358	352	620.5	592.8	566.2	.	.	598.2	.	529.9
Slovak Republic	328	324	528.7	528.3	510.2	438.1	339.7	567.2	.	512.5
Slovenia	256	242	542.7	545.1	537.4	.	.	533.3	.	505.9
Spain	393	371	532.8	526.5	500.2	473.8	.	519.3	.	515.2
Sweden	212	203	545.5	541.9	526.9	537.7	.	539.8	.	536.2
Turkey	251	251	500.8	487.4	463.3	413.0	402.9	.	.	.
United Arab Emirates	840	760	485.6	455.4	398.7	405.7	.	418.4	.	481.6
United States	492	434	551.6	543.7	530.3	523.0	.	547.0	.	542.7
International Avg (n=47)	13512	12799	515.6	509.1	492.1	470.1	435.1	501.3	.	489.9
Buenos Aires, Argentina	291	130	425.1	422.7	408.3	.	453.6	416.5	.	380.5
Ontario, Canada	275	249	532.2	534.1	519.3	.	.	512.1	.	525.4
Quebec, Canada	151	143	523.8	525.3	517.6	.	.	534.7	.	.
Norway (4)	223	198	492.9	495.6	491.9	418.8	.	491.1	.	.
Abu Dhabi, UAE	212	184	441.2	422.6	373.5	422.2	.	398.9	.	449.8
Dubai, UAE	290	270	545.2	519.4	440.6	435.4	.	499.2	.	548.4
Florida, US	120	93	561.0	544.1	533.4	.	.	542.1	.	477.2

Question: How would you characterize each of the following within your school? Teachers working together to improve student achievement  
 Location: TQG-06d (ATBG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	42.2	44.9	12.3	0.6	0.0	5.7	0.0	0.4
Bahrain	345	337	50.6	40.1	8.6	0.7	0.0	1.9	0.0	1.0
Belgium (Flemish)	295	290	22.3	54.8	21.4	1.5	0.0	1.2	0.0	0.3
Bulgaria	233	233	32.1	53.2	14.5	0.2	0.0	0.0	0.0	0.0
Canada	699	648	45.3	38.9	14.0	1.7	0.1	5.5	0.0	1.3
Chile	180	160	21.9	37.4	28.9	11.8	0.0	6.9	0.0	3.2
Chinese Taipei	178	177	20.9	53.6	22.6	3.0	0.0	0.0	0.0	0.6
Croatia	223	220	44.0	42.8	11.4	1.8	0.0	1.5	0.0	0.0
Cyprus	242	239	36.1	52.8	10.5	0.6	0.0	1.1	0.0	0.0
Czech Republic	265	262	17.7	49.9	31.5	0.5	0.4	0.8	0.0	0.3
Denmark	196	166	8.2	46.1	41.6	4.2	0.0	11.8	0.0	1.4
England	214	194	44.9	42.8	11.4	0.9	0.0	5.1	0.0	0.0
Finland	341	329	28.1	51.7	18.9	1.3	0.0	4.3	0.0	0.0
France	273	259	23.3	42.1	27.1	7.1	0.4	4.0	0.0	0.7
Georgia	188	184	21.5	57.0	21.5	0.0	0.0	0.7	0.0	1.1
Germany	226	199	25.0	48.6	25.4	1.0	0.0	10.8	0.0	0.7
Hong Kong SAR	148	144	11.3	70.7	17.4	0.7	0.0	1.1	0.0	0.9
Hungary	244	236	17.3	57.3	24.8	0.7	0.0	1.1	0.0	2.3
Indonesia	293	293	45.2	49.1	5.7	0.0	0.0	0.0	0.0	0.0
Iran, Islamic Rep. of	291	291	49.8	39.2	8.0	2.7	0.3	0.0	0.0	0.0
Ireland	214	214	55.0	33.5	10.2	1.3	0.0	0.0	0.0	0.0
Italy	257	241	18.1	49.0	30.7	1.9	0.4	4.6	0.0	1.2
Japan	157	155	20.5	64.8	14.0	0.8	0.0	0.3	0.0	0.6
Kazakhstan	239	236	30.8	58.6	9.7	1.0	0.0	0.5	0.0	1.4
Korea, Rep. of	182	181	62.3	28.3	8.4	1.0	0.0	0.6	0.0	0.0
Kuwait	294	278	42.8	37.8	16.6	2.5	0.3	7.6	0.0	1.3
Lithuania	291	285	40.0	49.7	8.8	1.0	0.5	1.1	0.0	0.0
Morocco	367	347	16.2	39.2	26.3	12.4	5.8	4.4	0.0	1.0
Netherlands	223	171	10.9	51.7	34.4	3.0	0.0	21.4	0.0	0.0
New Zealand	461	444	43.2	40.3	15.2	1.3	0.0	2.2	0.0	0.6
Northern Ireland	154	130	65.7	27.1	7.3	0.0	0.0	17.4	0.0	0.5
Norway	227	196	7.4	59.5	29.9	3.2	0.0	11.9	0.0	0.5
Oman	357	338	49.7	41.4	7.1	1.0	0.7	0.4	0.0	4.6
Poland	254	253	35.4	56.8	7.8	0.0	0.0	0.0	0.0	0.4
Portugal	322	306	29.1	50.6	18.7	1.6	0.0	5.1	0.0	0.9
Qatar	227	221	61.7	30.6	6.6	0.5	0.5	0.0	0.0	3.5
Russian Federation	217	215	8.1	62.1	28.9	0.9	0.0	0.0	0.0	1.7
Saudi Arabia	189	185	36.0	42.7	14.8	6.2	0.3	0.5	0.0	1.3
Serbia	192	188	20.1	55.0	20.4	3.6	0.8	0.7	0.0	1.5
Singapore	358	352	15.1	69.1	14.5	1.2	0.1	1.5	0.0	0.3
Slovak Republic	328	324	14.9	66.7	16.5	1.9	0.0	0.7	0.0	0.7
Slovenia	256	242	27.4	56.0	15.4	1.2	0.0	5.4	0.0	0.2
Spain	393	374	42.9	43.0	12.0	2.0	0.0	4.1	0.0	0.2
Sweden	212	203	18.5	46.2	29.5	5.2	0.5	3.9	0.0	0.7
Turkey	251	250	19.8	48.6	27.0	4.4	0.3	0.0	0.0	0.6
United Arab Emirates	840	773	45.6	43.7	9.7	0.8	0.1	5.9	0.0	2.2
United States	492	434	42.4	39.2	15.8	2.4	0.2	12.7	0.0	0.5
International Avg (n=47)	13512	12837	31.6	48.2	17.7	2.2	0.3	3.8	0.0	0.9
Buenos Aires, Argentina	291	131	26.0	46.1	21.7	5.7	0.5	53.6	0.0	0.6
Ontario, Canada	275	251	32.4	44.2	21.3	1.7	0.3	6.3	0.0	2.0
Quebec, Canada	151	142	64.6	29.4	4.7	1.3	0.0	5.2	0.0	0.6
Norway (4)	223	198	13.8	50.6	31.2	2.7	1.7	9.9	0.0	0.0
Abu Dhabi, UAE	212	186	32.2	49.8	15.4	2.2	0.4	9.0	0.0	1.6
Dubai, UAE	290	273	53.1	39.9	6.9	0.0	0.0	2.8	0.0	2.5
Florida, US	120	93	39.7	37.5	18.5	4.2	0.0	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Teachers working together to improve student achievement  
 Location: TQG-06d (ATBG06D)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	525.4	526.9	515.9	502.1	.	510.2	.	454.8
Bahrain	345	337	460.6	459.2	452.3	507.0	.	420.5	.	449.1
Belgium (Flemish)	295	290	511.2	513.8	506.4	513.4	.	500.5	.	525.6
Bulgaria	233	233	546.9	532.8	521.1	561.2	.	.	.	.
Canada	699	648	522.1	526.0	533.3	517.4	537.5	520.0	.	522.1
Chile	180	160	486.7	472.3	478.3	486.6	.	473.8	.	454.5
Chinese Taipei	178	177	555.0	558.4	550.5	542.9	.	.	.	534.5
Croatia	223	220	532.4	532.5	538.8	548.6	.	531.0	.	.
Cyprus	242	239	481.1	480.7	483.6	479.6	.	494.5	.	.
Czech Republic	265	262	535.6	534.4	532.3	578.5	585.6	542.1	.	518.9
Denmark	196	166	514.4	525.2	529.1	528.0	.	531.2	.	551.9
England	214	194	541.4	534.6	525.4	534.9	.	521.2	.	.
Finland	341	329	552.7	555.3	550.9	549.1	.	557.2	.	488.3
France	273	259	481.9	488.5	491.3	495.2	501.7	471.5	.	463.2
Georgia	188	184	471.2	448.0	439.6	.	.	438.4	.	467.0
Germany	226	199	524.8	531.0	526.9	505.3	.	534.0	.	482.9
Hong Kong SAR	148	144	563.1	562.1	532.1	493.1	.	549.3	.	566.3
Hungary	244	236	539.6	542.6	542.3	594.3	.	588.9	.	503.7
Indonesia	293	293	401.1	394.5	379.6	.	.	.	.	.
Iran, Islamic Rep. of	291	291	418.0	418.3	448.9	427.7	466.9	.	.	.
Ireland	214	214	530.1	527.5	528.4	516.2	.	.	.	.
Italy	257	241	518.5	514.8	516.9	512.0	529.1	520.4	.	526.9
Japan	157	155	569.7	570.9	559.9	582.4	.	545.1	.	545.4
Kazakhstan	239	236	556.4	549.7	530.8	526.6	.	529.8	.	544.4
Korea, Rep. of	182	181	591.7	588.8	575.0	575.5	.	594.1	.	.
Kuwait	294	278	356.2	324.5	328.8	290.8	333.6	323.0	.	365.5
Lithuania	291	285	523.6	531.8	525.4	553.2	519.2	492.7	.	374.7
Morocco	367	347	393.5	356.2	336.0	328.9	349.7	338.3	.	326.1
Netherlands	223	171	506.2	521.8	515.3	506.8	.	516.1	.	.
New Zealand	461	444	504.8	508.8	502.2	514.8	.	483.8	.	485.0
Northern Ireland	154	130	519.3	524.0	521.4	.	.	514.8	.	533.3
Norway	227	196	544.1	539.1	536.9	538.8	.	527.0	.	572.1
Oman	357	338	433.2	429.8	415.1	444.0	464.7	395.6	.	436.9
Poland	254	253	549.0	545.8	547.6	.	.	.	.	582.5
Portugal	322	306	507.3	509.2	509.5	491.8	.	502.5	.	500.9
Qatar	227	221	442.2	431.8	405.5	552.9	347.7	.	.	425.9
Russian Federation	217	215	568.5	568.4	564.8	564.8	.	.	.	560.8
Saudi Arabia	189	185	415.6	385.2	379.0	316.1	465.0	351.8	.	339.5
Serbia	192	188	532.0	519.9	525.6	536.6	567.7	506.9	.	536.2
Singapore	358	352	603.5	585.5	601.9	590.1	511.5	598.2	.	529.9
Slovak Republic	328	324	525.8	520.5	513.4	523.1	.	567.2	.	512.5
Slovenia	256	242	542.2	541.9	549.1	552.2	.	533.3	.	505.9
Spain	393	374	523.7	513.4	516.1	511.8	526.6	519.3	.	547.8
Sweden	212	203	535.6	541.6	542.4	528.3	579.9	539.8	.	536.2
Turkey	251	250	487.8	485.3	481.3	467.1	415.3	.	.	420.0
United Arab Emirates	840	773	476.3	445.4	382.7	310.8	299.3	418.1	.	504.2
United States	492	434	547.6	545.6	541.6	546.1	528.9	547.0	.	542.7
International Avg (n=47)	13512	12837	510.0	505.6	500.7	505.7	473.9	501.3	.	493.1
Buenos Aires, Argentina	291	131	427.0	420.9	409.6	412.9	369.3	416.5	.	419.4
Ontario, Canada	275	251	530.0	530.3	539.6	514.6	537.5	512.1	.	515.7
Quebec, Canada	151	142	520.8	531.4	520.5	521.3	.	534.7	.	527.4
Norway (4)	223	198	488.6	497.1	492.3	483.2	447.8	491.1	.	.
Abu Dhabi, UAE	212	186	455.4	420.0	331.7	295.9	299.3	398.9	.	507.5
Dubai, UAE	290	273	529.7	504.5	491.9	.	.	499.2	.	574.0
Florida, US	120	93	563.9	538.0	548.0	550.9	.	542.1	.	477.2



Question: How would you characterize each of the following within your school? Teachers' ability to inspire students  
 Location: TQG-06e (ATBG06E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	25.5	58.9	15.3	0.2	0.0	5.7	0.0	0.4
Bahrain	345	337	28.0	50.4	19.1	2.5	0.0	1.9	0.0	1.0
Belgium (Flemish)	295	289	15.1	60.9	22.5	1.5	0.0	1.2	0.0	0.6
Bulgaria	233	230	23.7	62.2	14.1	0.0	0.0	0.0	0.0	0.6
Canada	699	645	38.3	48.1	12.2	1.3	0.1	5.5	0.0	1.9
Chile	180	158	17.8	55.3	23.7	3.3	0.0	6.9	0.0	5.2
Chinese Taipei	178	176	19.4	60.9	19.7	0.0	0.0	0.0	0.0	1.4
Croatia	223	220	40.3	52.0	6.9	0.7	0.0	1.5	0.0	0.0
Cyprus	242	234	21.0	66.0	12.9	0.0	0.0	1.1	0.0	2.3
Czech Republic	265	263	12.7	53.3	32.4	1.7	0.0	0.8	0.0	0.0
Denmark	196	165	9.0	63.9	27.1	0.0	0.0	11.8	0.0	2.0
England	214	194	37.7	54.3	8.0	0.0	0.0	5.1	0.0	0.0
Finland	341	329	12.1	71.0	16.7	0.2	0.0	4.3	0.0	0.0
France	273	255	23.6	55.8	19.8	0.8	0.0	4.9	0.0	1.1
Georgia	188	186	26.9	66.1	7.0	0.0	0.0	0.7	0.0	0.8
Germany	226	193	13.1	68.5	16.8	1.7	0.0	10.8	0.0	3.5
Hong Kong SAR	148	145	10.5	61.3	26.8	1.4	0.0	1.1	0.0	0.3
Hungary	244	236	8.9	45.7	44.7	0.7	0.0	1.1	0.0	2.3
Indonesia	293	292	22.9	59.5	17.6	0.0	0.0	0.0	0.0	0.2
Iran, Islamic Rep. of	291	289	31.3	57.0	10.1	0.6	1.0	0.0	0.0	0.8
Ireland	214	214	39.4	49.4	10.9	0.2	0.0	0.0	0.0	0.0
Italy	257	237	18.2	57.7	23.1	1.0	0.0	4.6	0.0	2.6
Japan	157	155	12.5	67.1	19.8	0.7	0.0	0.3	0.0	0.6
Kazakhstan	239	236	38.1	54.1	7.7	0.0	0.0	0.5	0.0	0.7
Korea, Rep. of	182	181	67.0	27.5	5.5	0.0	0.0	0.6	0.0	0.0
Kuwait	294	275	27.9	48.3	20.4	3.0	0.3	7.6	0.0	1.8
Lithuania	291	285	26.7	63.5	9.3	0.0	0.5	1.1	0.0	0.0
Morocco	367	346	13.8	53.5	28.9	2.5	1.3	4.4	0.0	1.3
Netherlands	223	169	5.2	48.8	45.9	0.0	0.0	21.8	0.0	0.5
New Zealand	461	444	28.1	57.6	13.9	0.4	0.0	2.2	0.0	0.6
Northern Ireland	154	130	52.4	45.5	2.1	0.0	0.0	17.4	0.0	0.5
Norway	227	196	5.5	73.2	21.3	0.0	0.0	11.9	0.0	0.5
Oman	357	335	53.7	38.2	7.2	0.9	0.0	0.4	0.0	5.5
Poland	254	253	20.0	65.1	14.9	0.0	0.0	0.0	0.0	0.4
Portugal	322	306	23.1	61.6	15.3	0.0	0.0	5.1	0.0	0.9
Qatar	227	225	47.0	42.3	10.4	0.2	0.0	0.0	0.0	1.9
Russian Federation	217	215	15.8	66.4	17.3	0.5	0.0	0.0	0.0	1.9
Saudi Arabia	189	184	25.4	50.1	20.1	4.4	0.0	0.5	0.0	1.6
Serbia	192	188	17.5	60.9	20.2	0.6	0.8	0.7	0.0	1.3
Singapore	358	352	7.2	63.0	29.8	0.0	0.0	1.5	0.0	0.3
Slovak Republic	328	324	18.3	63.7	17.6	0.4	0.0	0.7	0.0	0.7
Slovenia	256	242	12.6	66.9	20.5	0.0	0.0	5.4	0.0	0.2
Spain	393	374	28.5	56.2	13.5	1.9	0.0	4.1	0.0	0.2
Sweden	212	202	14.4	64.7	20.4	0.5	0.0	3.9	0.0	1.2
Turkey	251	251	13.9	56.7	25.8	3.6	0.0	0.0	0.0	0.0
United Arab Emirates	840	769	42.4	48.0	9.0	0.3	0.3	5.9	0.0	2.7
United States	492	434	25.9	52.3	20.1	1.7	0.0	12.7	0.0	0.5
International Avg (n=47)	13512	12798	24.2	56.9	18.0	0.8	0.1	3.8	0.0	1.1
Buenos Aires, Argentina	291	132	19.2	60.3	20.2	0.0	0.3	53.6	0.0	0.4
Ontario, Canada	275	247	27.3	56.2	14.0	2.5	0.0	6.3	0.0	3.6
Quebec, Canada	151	143	57.6	34.0	8.4	0.0	0.0	5.2	0.0	0.0
Norway (4)	223	198	11.7	65.8	21.7	0.8	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	186	28.2	51.0	19.0	0.8	1.0	9.0	0.0	1.6
Dubai, UAE	290	270	43.0	52.8	4.1	0.0	0.0	2.8	0.0	3.9
Florida, US	120	93	30.3	51.7	15.3	1.5	1.2	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students  
 Location: TQG-06e (ATBG06E)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	539.2	522.6	509.5	482.1	.	510.2	.	454.8
Bahrain	345	337	453.3	466.8	451.7	447.3	.	420.5	.	449.1
Belgium (Flemish)	295	289	520.3	510.0	512.4	467.0	.	500.5	.	542.5
Bulgaria	233	230	554.1	533.0	517.1	.	.	.	.	525.8
Canada	699	645	521.0	528.7	522.1	536.0	495.0	520.0	.	528.6
Chile	180	158	465.0	485.5	479.5	435.0	.	473.8	.	464.7
Chinese Taipei	178	176	551.8	556.8	553.8	.	.	.	.	556.1
Croatia	223	220	530.4	535.0	535.6	575.3	.	531.0	.	.
Cyprus	242	234	485.4	478.3	482.5	.	.	494.5	.	515.6
Czech Republic	265	263	543.1	532.3	533.7	545.3	.	542.1	.	.
Denmark	196	165	531.8	528.6	518.0	.	.	531.2	.	544.4
England	214	194	535.4	537.5	536.2	.	.	521.2	.	.
Finland	341	329	551.6	553.9	555.1	480.8	.	557.2	.	488.3
France	273	255	489.9	488.4	486.8	517.2	.	470.9	.	451.3
Georgia	188	186	463.9	448.1	432.6	.	.	438.4	.	460.3
Germany	226	193	523.1	529.9	533.5	460.1	.	534.0	.	512.2
Hong Kong SAR	148	145	557.4	560.1	550.7	511.6	.	549.3	.	558.8
Hungary	244	236	557.3	548.3	535.5	392.1	.	588.9	.	503.7
Indonesia	293	292	386.5	406.1	376.2	.	.	.	.	535.7
Iran, Islamic Rep. of	291	289	419.1	417.1	434.7	470.4	460.6	.	.	511.8
Ireland	214	214	532.8	529.3	514.2	453.8	.	.	.	.
Italy	257	237	507.9	518.7	516.2	520.6	.	520.4	.	519.2
Japan	157	155	576.0	570.1	560.8	602.3	.	545.1	.	545.4
Kazakhstan	239	236	556.9	548.2	530.0	.	.	529.8	.	480.6
Korea, Rep. of	182	181	592.2	583.9	581.2	.	.	594.1	.	.
Kuwait	294	275	342.3	344.1	320.4	312.3	243.2	323.0	.	379.7
Lithuania	291	285	528.8	527.6	530.3	.	519.2	492.7	.	374.7
Morocco	367	346	360.1	359.7	336.4	360.3	337.2	338.3	.	360.1
Netherlands	223	169	527.6	519.6	514.6	.	.	515.4	.	497.1
New Zealand	461	444	504.6	509.2	496.1	520.0	.	483.8	.	485.0
Northern Ireland	154	130	521.8	519.2	527.4	.	.	514.8	.	533.3
Norway	227	196	545.4	540.3	531.9	.	.	527.0	.	572.1
Oman	357	335	436.1	430.7	402.5	404.2	.	395.6	.	426.9
Poland	254	253	547.6	547.1	546.3	.	.	.	.	582.5
Portugal	322	306	511.2	507.9	506.2	.	.	502.5	.	500.9
Qatar	227	225	440.7	431.1	434.3	385.8	.	.	.	457.1
Russian Federation	217	215	569.7	565.9	567.2	583.6	.	.	.	588.6
Saudi Arabia	189	184	423.5	385.9	379.0	316.4	.	351.8	.	361.4
Serbia	192	188	525.2	523.9	523.7	543.0	567.7	506.9	.	529.4
Singapore	358	352	611.4	586.0	595.3	.	.	598.2	.	529.9
Slovak Republic	328	324	516.0	523.4	513.1	511.5	.	567.2	.	512.5
Slovenia	256	242	537.9	545.0	540.5	.	.	533.3	.	505.9
Spain	393	374	523.5	516.1	512.8	533.2	.	519.3	.	547.8
Sweden	212	202	553.2	536.4	542.3	510.8	.	539.8	.	564.9
Turkey	251	251	486.2	485.9	480.3	455.9	.	.	.	.
United Arab Emirates	840	769	467.3	454.4	374.2	294.9	307.8	418.1	.	509.2
United States	492	434	550.4	550.4	530.8	511.9	.	547.0	.	542.7
International Avg (n=47)	13512	12798	510.1	507.0	499.3	471.4	418.7	501.3	.	500.3
Buenos Aires, Argentina	291	132	400.4	427.3	413.8	.	453.6	416.5	.	408.3
Ontario, Canada	275	247	523.2	536.8	527.2	537.9	.	512.1	.	527.1
Quebec, Canada	151	143	523.5	526.3	517.2	.	.	534.7	.	.
Norway (4)	223	198	486.4	496.8	490.1	389.7	.	491.1	.	.
Abu Dhabi, UAE	212	186	455.1	425.2	338.0	273.4	307.8	398.9	.	507.5
Dubai, UAE	290	270	522.9	512.8	520.1	.	.	499.2	.	543.3
Florida, US	120	93	566.7	549.2	522.5	593.2	515.0	542.1	.	477.2

Question: How would you characterize each of the following within your school? Parental involvement in school activities  
Location: TQG-06f (ATBG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	13.3	33.1	36.4	14.2	3.1	5.7	0.0	0.4
Bahrain	345	337	19.5	33.4	37.8	7.4	1.9	1.9	0.0	1.0
Belgium (Flemish)	295	290	8.2	29.6	47.9	11.6	2.8	1.2	0.0	0.3
Bulgaria	233	232	3.6	22.6	54.2	15.1	4.5	0.0	0.0	0.6
Canada	699	650	18.5	31.5	32.4	13.0	4.6	5.5	0.0	1.3
Chile	180	161	5.3	19.0	42.1	23.2	10.4	6.9	0.0	3.0
Chinese Taipei	178	178	8.9	43.4	39.0	8.8	0.0	0.0	0.0	0.0
Croatia	223	220	16.1	47.5	29.1	6.8	0.6	1.5	0.0	0.0
Cyprus	242	239	8.3	34.1	37.6	16.5	3.5	1.1	0.0	0.0
Czech Republic	265	263	6.1	16.5	55.7	21.0	0.8	0.8	0.0	0.0
Denmark	196	165	6.0	32.2	43.6	16.8	1.5	11.8	0.0	1.9
England	214	194	4.9	34.2	36.7	18.2	6.0	5.1	0.0	0.0
Finland	341	328	6.9	27.7	58.0	7.4	0.0	4.3	0.0	0.3
France	273	261	1.6	27.9	46.8	19.1	4.6	4.0	0.0	0.3
Georgia	188	187	7.7	29.9	51.6	10.7	0.0	0.7	0.0	0.0
Germany	226	199	11.7	33.8	36.1	15.0	3.4	10.8	0.0	0.7
Hong Kong SAR	148	144	10.4	35.4	38.9	15.1	0.3	1.1	0.0	0.9
Hungary	244	235	7.0	31.8	48.2	11.7	1.4	1.1	0.0	2.8
Indonesia	293	292	12.7	28.3	45.9	11.7	1.4	0.0	0.0	0.3
Iran, Islamic Rep. of	291	290	7.2	24.0	40.2	18.6	10.0	0.0	0.0	0.2
Ireland	214	214	14.7	34.6	34.9	13.9	1.9	0.0	0.0	0.0
Italy	257	242	8.8	39.0	39.9	11.1	1.2	4.6	0.0	0.9
Japan	157	155	11.3	36.5	41.3	9.6	1.3	0.3	0.0	0.6
Kazakhstan	239	238	23.9	49.0	26.1	0.9	0.0	0.5	0.0	0.0
Korea, Rep. of	182	181	30.5	34.9	23.9	9.0	1.6	0.6	0.0	0.0
Kuwait	294	274	6.9	27.1	46.6	16.7	2.7	7.6	0.0	2.3
Lithuania	291	284	13.9	36.0	46.1	2.8	1.2	1.1	0.0	0.1
Morocco	367	348	2.3	4.5	15.9	31.8	45.6	4.4	0.0	0.8
Netherlands	223	167	2.6	33.5	49.2	12.1	2.6	21.4	0.0	1.8
New Zealand	461	444	13.9	36.9	36.8	10.8	1.6	2.2	0.0	0.6
Northern Ireland	154	129	16.8	39.2	34.8	4.3	4.9	17.4	0.0	0.7
Norway	227	195	6.0	36.6	45.1	10.8	1.4	11.9	0.0	0.9
Oman	357	337	14.0	31.6	42.9	10.1	1.3	0.4	0.0	5.1
Poland	254	252	5.6	32.4	54.6	7.3	0.0	0.0	0.0	1.1
Portugal	322	306	6.3	29.2	49.5	13.2	1.7	5.1	0.0	0.7
Qatar	227	225	16.6	34.0	41.4	5.2	2.7	0.0	0.0	1.9
Russian Federation	217	216	3.7	26.9	63.0	6.4	0.0	0.0	0.0	1.3
Saudi Arabia	189	184	7.0	21.4	35.0	27.2	9.4	0.5	0.0	2.1
Serbia	192	189	7.5	30.3	52.0	8.9	1.3	0.7	0.0	1.0
Singapore	358	352	8.0	34.3	46.1	10.4	1.2	1.5	0.0	0.3
Slovak Republic	328	324	4.6	17.8	58.7	15.9	3.0	0.7	0.0	0.7
Slovenia	256	242	3.0	19.1	61.8	14.7	1.4	5.4	0.0	0.2
Spain	393	372	11.6	33.4	38.7	12.1	4.3	4.1	0.0	0.9
Sweden	212	203	4.8	20.1	47.3	25.4	2.5	3.9	0.0	0.7
Turkey	251	249	5.7	25.9	35.1	23.0	10.2	0.0	0.0	0.4
United Arab Emirates	840	770	14.1	42.1	32.9	7.1	3.8	5.9	0.0	2.4
United States	492	433	12.9	28.3	32.8	18.7	7.2	12.7	0.0	0.7
International Avg (n=47)	13512	12830	9.8	30.9	42.4	13.2	3.8	3.8	0.0	0.9
Buenos Aires, Argentina	291	130	4.7	24.9	56.4	10.5	3.4	53.6	0.0	1.2
Ontario, Canada	275	250	17.7	26.1	34.3	15.8	6.0	6.3	0.0	2.5
Quebec, Canada	151	143	22.6	39.6	30.1	6.9	0.8	5.2	0.0	0.0
Norway (4)	223	198	3.8	30.6	55.7	9.8	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	184	9.2	29.0	39.9	13.1	8.8	9.0	0.0	2.3
Dubai, UAE	290	272	17.9	50.4	29.9	1.4	0.4	2.8	0.0	2.9
Florida, US	120	93	21.1	16.8	27.1	25.5	9.5	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Parental involvement in school activities  
Location: TQG-06f (ATBG06F)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	554.1	529.0	520.7	505.0	490.5	510.2	.	454.8
Bahrain	345	337	450.0	481.6	449.0	444.7	442.7	420.5	.	449.1
Belgium (Flemish)	295	290	540.3	520.6	507.4	495.9	469.0	500.5	.	525.6
Bulgaria	233	232	595.6	558.9	539.0	507.4	443.1	.	.	415.0
Canada	699	650	533.6	527.4	527.3	510.4	498.4	520.0	.	531.1
Chile	180	161	496.5	507.9	483.0	461.1	440.6	473.8	.	450.0
Chinese Taipei	178	178	557.2	556.7	554.4	550.2	.	.	.	.
Croatia	223	220	536.0	532.5	533.4	532.6	556.0	531.0	.	.
Cyprus	242	239	492.6	489.4	478.1	470.8	455.2	494.5	.	.
Czech Republic	265	263	551.6	538.7	533.3	528.8	525.3	542.1	.	.
Denmark	196	165	540.5	529.9	525.1	516.7	523.0	531.2	.	541.2
England	214	194	555.7	548.1	538.1	519.3	498.7	521.2	.	.
Finland	341	328	555.6	553.3	554.9	548.4	.	557.2	.	414.4
France	273	261	506.7	494.5	492.8	473.1	456.0	471.5	.	505.4
Georgia	188	187	462.1	466.6	442.9	441.5	.	438.4	.	.
Germany	226	199	544.7	536.9	530.4	504.0	465.8	534.0	.	482.9
Hong Kong SAR	148	144	577.5	560.2	549.6	555.2	412.3	549.3	.	545.2
Hungary	244	235	564.6	557.7	542.2	504.1	447.7	588.9	.	491.8
Indonesia	293	292	386.5	416.6	401.0	346.0	360.1	.	.	443.0
Iran, Islamic Rep. of	291	290	447.8	449.0	423.5	396.0	370.1	.	.	442.4
Ireland	214	214	546.3	527.6	528.6	517.6	504.0	.	.	.
Italy	257	242	525.7	515.5	512.0	528.4	491.8	520.4	.	532.8
Japan	157	155	580.4	572.1	566.3	563.5	527.2	545.1	.	545.4
Kazakhstan	239	238	552.2	555.6	537.0	526.6	.	529.8	.	.
Korea, Rep. of	182	181	600.6	592.0	579.3	572.9	557.9	594.1	.	.
Kuwait	294	274	314.4	358.6	339.6	315.1	307.4	323.0	.	352.9
Lithuania	291	284	539.9	529.3	525.3	498.3	535.9	492.7	.	498.8
Morocco	367	348	409.3	340.4	414.8	341.4	337.6	338.3	.	348.3
Netherlands	223	167	527.0	526.0	520.2	495.0	441.7	516.1	.	526.2
New Zealand	461	444	526.2	519.8	496.1	471.6	480.1	483.8	.	485.0
Northern Ireland	154	129	529.1	522.5	521.7	505.9	481.3	514.8	.	543.3
Norway	227	195	568.4	540.9	539.6	515.4	518.0	527.0	.	550.8
Oman	357	337	445.9	430.1	426.2	433.6	409.3	395.6	.	438.1
Poland	254	252	549.1	554.9	544.6	528.1	.	.	.	562.7
Portugal	322	306	521.4	515.8	506.5	500.0	464.9	502.5	.	479.9
Qatar	227	225	452.7	449.7	417.8	431.2	444.1	.	.	457.1
Russian Federation	217	216	579.5	578.8	563.5	549.1	.	.	.	560.0
Saudi Arabia	189	184	397.3	384.5	404.2	387.9	360.7	351.8	.	368.7
Serbia	192	189	548.2	527.2	519.3	527.8	514.1	506.9	.	534.4
Singapore	358	352	615.0	608.3	581.2	561.2	533.8	598.2	.	529.9
Slovak Republic	328	324	548.5	536.8	525.7	489.1	436.4	567.2	.	512.5
Slovenia	256	242	544.9	539.6	544.1	545.0	530.9	533.3	.	505.9
Spain	393	372	534.6	526.8	522.0	487.6	456.4	519.3	.	528.3
Sweden	212	203	538.7	551.4	548.5	524.4	457.1	539.8	.	536.2
Turkey	251	249	520.1	513.4	481.5	465.8	431.6	.	.	515.3
United Arab Emirates	840	770	481.8	476.1	430.7	385.1	384.4	418.1	.	503.8
United States	492	433	579.2	568.0	540.7	515.9	498.5	547.0	.	546.0
International Avg (n=47)	13512	12830	521.8	515.3	505.6	489.3	462.4	501.3	.	490.9
Buenos Aires, Argentina	291	130	431.8	425.9	425.6	387.5	346.4	416.5	.	423.7
Ontario, Canada	275	250	542.1	532.6	532.6	524.0	510.9	512.1	.	531.1
Quebec, Canada	151	143	521.9	521.8	529.1	518.3	539.4	534.7	.	.
Norway (4)	223	198	489.6	498.9	493.3	476.6	.	491.1	.	.
Abu Dhabi, UAE	212	184	452.0	449.6	404.9	376.2	358.1	398.9	.	490.8
Dubai, UAE	290	272	526.9	532.6	487.5	505.2	372.1	499.2	.	564.6
Florida, US	120	93	567.5	567.6	557.1	530.9	518.4	542.1	.	477.2

Question: How would you characterize each of the following within your school? Parental commitment to ensure that students are ready to learn  
 Location: TQG-06g (ATBG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	7.8	36.9	40.7	12.4	2.2	5.7	0.0	0.4
Bahrain	345	337	15.0	32.0	40.2	9.9	2.8	1.9	0.0	1.0
Belgium (Flemish)	295	290	2.2	26.2	56.9	11.4	3.2	1.2	0.0	0.3
Bulgaria	233	233	3.0	16.6	59.2	12.3	9.0	0.0	0.0	0.0
Canada	699	649	16.4	34.4	33.1	14.0	2.1	5.5	0.0	1.3
Chile	180	161	2.8	11.5	37.3	37.6	10.7	6.9	0.0	3.0
Chinese Taipei	178	177	3.2	29.6	48.8	17.7	0.7	0.0	0.0	0.3
Croatia	223	219	9.8	43.5	42.1	4.0	0.6	1.5	0.0	0.5
Cyprus	242	239	4.2	22.0	48.6	21.6	3.6	1.1	0.0	0.0
Czech Republic	265	260	1.5	19.5	57.0	21.1	0.9	0.8	0.0	1.0
Denmark	196	164	2.6	29.3	48.5	18.1	1.5	11.8	0.0	2.5
England	214	194	6.4	33.4	41.1	13.7	5.5	5.1	0.0	0.0
Finland	341	329	2.6	35.5	57.4	4.5	0.0	4.3	0.0	0.0
France	273	260	2.9	22.5	51.8	19.5	3.2	4.0	0.0	0.7
Georgia	188	183	12.0	28.4	53.9	5.3	0.4	0.7	0.0	2.4
Germany	226	197	4.0	24.7	50.6	17.7	3.0	10.8	0.0	1.7
Hong Kong SAR	148	144	6.0	28.5	45.2	20.0	0.3	1.1	0.0	0.9
Hungary	244	235	1.6	18.7	55.7	20.7	3.3	1.1	0.0	2.9
Indonesia	293	293	11.9	34.3	43.0	8.3	2.5	0.0	0.0	0.0
Iran, Islamic Rep. of	291	289	3.9	23.6	39.0	21.5	12.0	0.0	0.0	0.8
Ireland	214	213	12.7	43.0	36.7	5.9	1.8	0.0	0.0	0.2
Italy	257	241	7.3	21.0	59.8	10.7	1.2	4.6	0.0	1.2
Japan	157	155	5.0	24.7	55.5	13.6	1.2	0.3	0.0	0.6
Kazakhstan	239	237	19.0	53.2	26.6	1.2	0.0	0.5	0.0	0.5
Korea, Rep. of	182	181	27.4	30.6	29.1	10.2	2.8	0.6	0.0	0.0
Kuwait	294	277	10.4	30.3	49.2	7.9	2.2	7.6	0.0	1.6
Lithuania	291	285	4.7	36.5	50.4	6.7	1.7	1.1	0.0	0.0
Morocco	367	347	2.5	8.3	16.7	40.5	32.1	4.4	0.0	1.2
Netherlands	223	171	4.7	35.9	48.9	8.9	1.6	21.4	0.0	0.0
New Zealand	461	444	8.5	40.7	40.4	8.6	1.8	2.2	0.0	0.6
Northern Ireland	154	130	16.3	40.4	30.5	12.8	0.0	17.4	0.0	0.5
Norway	227	196	1.8	31.2	58.9	7.6	0.5	11.9	0.0	0.5
Oman	357	335	9.5	34.5	42.9	10.5	2.7	0.4	0.0	5.4
Poland	254	252	1.9	25.1	59.9	12.3	0.8	0.0	0.0	1.1
Portugal	322	307	1.9	25.3	56.7	15.1	1.1	5.1	0.0	0.4
Qatar	227	223	14.9	40.4	36.2	7.8	0.7	0.0	0.0	2.6
Russian Federation	217	216	3.6	26.8	61.2	7.9	0.5	0.0	0.0	1.3
Saudi Arabia	189	185	4.2	24.8	43.4	22.3	5.3	0.5	0.0	1.3
Serbia	192	189	2.3	16.8	63.9	14.5	2.4	0.7	0.0	1.0
Singapore	358	352	6.2	35.0	46.4	11.1	1.3	1.5	0.0	0.3
Slovak Republic	328	324	2.0	18.1	55.8	18.2	5.9	0.7	0.0	0.7
Slovenia	256	242	1.7	18.4	60.2	18.2	1.5	5.4	0.0	0.2
Spain	393	373	7.6	37.7	41.7	10.1	2.9	4.1	0.0	0.9
Sweden	212	203	2.6	23.2	55.5	17.3	1.3	3.9	0.0	0.7
Turkey	251	249	3.4	18.2	36.7	27.2	14.4	0.0	0.0	0.8
United Arab Emirates	840	774	10.8	38.0	41.1	6.8	3.3	5.9	0.0	2.0
United States	492	434	7.2	25.8	40.5	19.2	7.4	12.7	0.0	0.5
International Avg (n=47)	13512	12828	6.8	28.8	46.7	14.1	3.5	3.8	0.0	1.0
Buenos Aires, Argentina	291	131	4.8	28.1	50.4	12.0	4.7	53.6	0.0	0.6
Ontario, Canada	275	250	9.4	33.9	36.6	18.0	2.1	6.3	0.0	2.5
Quebec, Canada	151	143	36.0	37.6	19.8	5.2	1.4	5.2	0.0	0.0
Norway (4)	223	198	3.0	31.5	58.3	5.0	2.3	9.9	0.0	0.0
Abu Dhabi, UAE	212	186	9.4	28.5	40.4	14.2	7.5	9.0	0.0	1.6
Dubai, UAE	290	273	12.3	40.4	43.4	3.1	0.7	2.8	0.0	2.5
Florida, US	120	93	16.4	13.9	28.3	30.4	11.0	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Parental commitment to ensure that students are ready to learn  
 Location: TQG-06g (ATBG06G)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	554.8	540.4	513.7	503.3	480.9	510.2	.	454.8
Bahrain	345	337	436.0	480.6	458.4	437.9	443.5	420.5	.	449.1
Belgium (Flemish)	295	290	514.9	527.5	514.0	480.0	449.9	500.5	.	525.6
Bulgaria	233	233	602.2	557.6	540.0	513.4	475.4	.	.	.
Canada	699	649	528.2	533.9	525.2	504.6	485.5	520.0	.	531.6
Chile	180	161	517.5	527.5	488.8	461.2	444.6	473.8	.	450.0
Chinese Taipei	178	177	550.2	554.1	555.2	558.2	550.9	.	.	570.9
Croatia	223	219	533.4	533.3	533.9	526.2	556.0	531.0	.	547.2
Cyprus	242	239	519.4	493.9	477.4	469.8	478.0	494.5	.	.
Czech Republic	265	260	552.5	545.2	535.4	522.6	504.0	542.1	.	510.1
Denmark	196	164	513.9	533.2	532.0	501.6	516.8	531.2	.	537.6
England	214	194	551.5	556.7	531.4	511.6	498.4	521.2	.	.
Finland	341	329	561.7	558.0	552.1	535.3	.	557.2	.	488.3
France	273	260	495.2	504.6	491.0	466.7	437.8	471.5	.	536.6
Georgia	188	183	483.2	458.3	447.0	404.2	409.8	438.4	.	420.2
Germany	226	197	547.0	542.8	531.5	503.2	466.9	534.0	.	519.9
Hong Kong SAR	148	144	580.4	568.5	549.3	550.3	412.3	549.3	.	569.5
Hungary	244	235	542.0	571.2	547.7	504.1	519.7	588.9	.	521.3
Indonesia	293	293	395.9	411.6	396.0	361.9	320.9	.	.	.
Iran, Islamic Rep. of	291	289	454.0	442.3	430.9	402.2	364.0	.	.	508.0
Ireland	214	213	553.4	533.4	523.1	494.8	474.2	.	.	550.3
Italy	257	241	528.5	521.4	512.8	520.4	489.6	520.4	.	519.0
Japan	157	155	599.7	574.2	568.1	554.2	558.2	545.1	.	545.4
Kazakhstan	239	237	546.4	555.8	540.5	534.2	.	529.8	.	547.5
Korea, Rep. of	182	181	602.1	593.4	579.9	577.5	559.7	594.1	.	.
Kuwait	294	277	360.8	339.5	333.0	332.5	343.3	323.0	.	357.7
Lithuania	291	285	538.1	537.7	522.6	512.9	519.8	492.7	.	374.7
Morocco	367	347	426.8	417.3	366.1	340.8	338.5	338.3	.	360.4
Netherlands	223	171	534.6	530.6	514.1	491.8	411.7	516.1	.	.
New Zealand	461	444	529.6	524.1	497.4	453.2	439.6	483.8	.	485.0
Northern Ireland	154	130	534.1	526.5	515.8	497.4	.	514.8	.	533.3
Norway	227	196	539.4	546.8	538.5	508.7	533.8	527.0	.	572.1
Oman	357	335	424.8	439.0	425.5	428.5	444.2	395.6	.	435.0
Poland	254	252	576.6	555.4	546.6	526.8	556.6	.	.	562.7
Portugal	322	307	521.2	519.6	508.6	489.8	462.0	502.5	.	530.8
Qatar	227	223	471.1	444.3	422.2	399.5	323.0	.	.	449.0
Russian Federation	217	216	562.6	572.5	568.6	540.4	583.6	.	.	560.0
Saudi Arabia	189	185	389.8	395.5	398.4	376.3	376.6	351.8	.	339.5
Serbia	192	189	544.2	539.3	521.5	519.1	515.4	506.9	.	534.4
Singapore	358	352	634.5	615.9	578.1	541.7	556.3	598.2	.	529.9
Slovak Republic	328	324	525.1	542.3	528.2	498.6	442.3	567.2	.	512.5
Slovenia	256	242	564.7	546.8	541.1	545.4	531.4	533.3	.	505.9
Spain	393	373	531.8	534.7	515.4	478.4	440.8	519.3	.	527.8
Sweden	212	203	528.4	558.6	539.5	531.1	395.3	539.8	.	536.2
Turkey	251	249	546.1	514.0	489.2	468.1	443.3	.	.	493.0
United Arab Emirates	840	774	491.2	471.2	448.6	359.5	336.8	418.1	.	511.1
United States	492	434	575.4	576.4	541.3	519.8	502.4	547.0	.	542.7
International Avg (n=47)	13512	12828	523.7	520.6	505.0	484.2	463.5	501.3	.	501.4
Buenos Aires, Argentina	291	131	411.4	433.5	427.4	386.3	349.9	416.5	.	391.1
Ontario, Canada	275	250	541.7	537.8	530.6	521.5	491.6	512.1	.	531.1
Quebec, Canada	151	143	521.2	532.8	516.0	511.2	516.7	534.7	.	.
Norway (4)	223	198	482.4	500.5	492.4	495.7	422.5	491.1	.	.
Abu Dhabi, UAE	212	186	483.7	439.6	421.8	347.8	320.4	398.9	.	507.5
Dubai, UAE	290	273	550.3	533.6	503.5	399.9	352.3	499.2	.	574.0
Florida, US	120	93	573.4	576.7	546.6	539.0	527.2	542.1	.	477.2

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

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	17.1	44.8	33.2	4.6	0.3	5.7	0.0	0.4
Bahrain	345	337	19.9	52.3	24.2	2.8	0.9	1.9	0.0	1.0
Belgium (Flemish)	295	290	8.9	50.6	36.9	2.5	1.1	1.2	0.0	0.3
Bulgaria	233	232	13.5	56.1	27.5	2.3	0.6	0.0	0.0	0.4
Canada	699	650	20.7	40.8	30.5	7.6	0.5	5.5	0.0	1.3
Chile	180	160	11.2	28.8	38.5	17.6	4.0	6.9	0.0	3.8
Chinese Taipei	178	178	15.5	58.2	24.9	1.3	0.0	0.0	0.0	0.0
Croatia	223	220	22.6	57.2	17.8	2.0	0.4	1.5	0.0	0.0
Cyprus	242	238	9.5	45.3	33.9	10.9	0.4	1.1	0.0	0.4
Czech Republic	265	263	6.3	35.5	51.0	7.0	0.2	0.8	0.0	0.0
Denmark	196	164	10.7	50.3	33.9	5.1	0.0	11.8	0.0	2.3
England	214	194	19.6	36.7	31.8	9.1	2.9	5.1	0.0	0.0
Finland	341	329	2.6	54.9	41.9	0.6	0.0	4.3	0.0	0.0
France	273	260	20.9	43.7	30.4	4.1	0.8	4.0	0.0	0.8
Georgia	188	184	16.7	57.4	24.9	1.1	0.0	0.7	0.0	2.4
Germany	226	198	11.1	56.5	30.2	2.1	0.1	10.8	0.0	1.3
Hong Kong SAR	148	145	16.2	52.7	25.2	5.6	0.3	1.1	0.0	0.3
Hungary	244	236	7.1	45.0	38.1	9.3	0.6	1.1	0.0	2.3
Indonesia	293	290	10.1	42.5	38.0	7.8	1.6	0.0	0.0	0.8
Iran, Islamic Rep. of	291	290	23.3	52.3	19.3	3.2	1.9	0.0	0.0	0.2
Ireland	214	213	23.2	47.6	24.9	4.3	0.0	0.0	0.0	0.4
Italy	257	241	13.8	60.6	24.3	0.5	0.9	4.6	0.0	1.3
Japan	157	155	10.2	37.5	45.7	5.5	1.2	0.3	0.0	0.6
Kazakhstan	239	235	23.3	66.2	9.5	1.0	0.0	0.5	0.0	1.4
Korea, Rep. of	182	181	49.8	34.3	14.7	0.6	0.6	0.6	0.0	0.0
Kuwait	294	277	14.0	47.6	32.1	5.9	0.3	7.6	0.0	1.6
Lithuania	291	285	10.9	53.5	34.4	0.6	0.7	1.1	0.0	0.0
Morocco	367	345	1.2	19.7	42.6	25.0	11.6	4.4	0.0	2.5
Netherlands	223	171	12.1	49.4	37.2	1.3	0.0	21.4	0.0	0.0
New Zealand	461	444	24.3	43.5	27.4	4.7	0.1	2.2	0.0	0.6
Northern Ireland	154	130	27.1	44.3	23.4	5.2	0.0	17.4	0.0	0.5
Norway	227	196	4.8	45.0	45.5	4.7	0.0	11.9	0.0	0.5
Oman	357	337	17.4	42.2	35.2	4.2	1.0	0.4	0.0	5.1
Poland	254	252	12.0	57.2	27.4	2.7	0.8	0.0	0.0	1.1
Portugal	322	303	12.9	45.4	37.3	3.4	1.0	5.1	0.0	1.6
Qatar	227	224	23.1	47.8	26.8	2.3	0.0	0.0	0.0	2.0
Russian Federation	217	216	6.8	65.4	27.3	0.4	0.0	0.0	0.0	1.3
Saudi Arabia	189	184	7.8	39.4	40.7	9.8	2.2	0.5	0.0	1.8
Serbia	192	188	31.2	48.4	19.2	1.1	0.0	0.7	0.0	1.3
Singapore	358	352	12.7	48.5	33.2	4.7	0.8	1.5	0.0	0.3
Slovak Republic	328	324	13.2	58.3	21.8	5.1	1.5	0.7	0.0	0.7
Slovenia	256	242	36.4	53.5	10.1	0.0	0.0	5.4	0.0	0.2
Spain	393	370	14.5	48.6	33.6	3.4	0.0	4.1	0.0	1.4
Sweden	212	203	14.0	34.5	46.7	4.8	0.0	3.9	0.0	0.7
Turkey	251	249	24.4	47.1	19.4	7.8	1.2	0.0	0.0	0.6
United Arab Emirates	840	766	31.5	44.4	20.4	2.4	1.2	5.9	0.0	3.1
United States	492	432	12.0	30.1	41.6	12.4	3.9	12.7	0.0	0.8
International Avg (n=47)	13512	12813	16.3	47.3	30.5	4.9	1.0	3.8	0.0	1.0
Buenos Aires, Argentina	291	132	9.3	43.6	41.1	4.6	1.4	53.6	0.0	0.4
Ontario, Canada	275	250	18.4	35.3	36.5	8.8	1.0	6.3	0.0	2.5
Quebec, Canada	151	143	30.8	53.7	14.1	1.3	0.0	5.2	0.0	0.0
Norway (4)	223	198	3.7	44.7	46.9	4.7	0.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	184	25.9	39.8	27.5	4.0	2.8	9.0	0.0	3.8
Dubai, UAE	290	272	40.9	43.2	14.9	0.6	0.4	2.8	0.0	2.6
Florida, US	120	93	21.1	22.2	34.6	16.1	6.0	20.6	0.0	0.5

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

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	551.4	535.8	501.0	493.9	440.6	510.2	.	454.8
Bahrain	345	337	457.8	467.1	448.9	442.5	407.3	420.5	.	449.1
Belgium (Flemish)	295	290	524.7	522.7	497.3	461.7	491.2	500.5	.	525.6
Bulgaria	233	232	553.8	547.5	512.0	440.2	471.4	.	.	551.1
Canada	699	650	536.0	529.0	519.4	497.9	489.8	520.0	.	531.1
Chile	180	160	512.0	503.2	466.9	456.2	427.8	473.8	.	456.7
Chinese Taipei	178	178	561.9	554.9	552.4	550.4	.	.	.	.
Croatia	223	220	542.3	531.2	529.0	537.3	538.6	531.0	.	.
Cyprus	242	238	495.5	487.8	474.0	464.0	458.8	494.5	.	483.0
Czech Republic	265	263	556.3	541.2	528.4	524.2	476.8	542.1	.	.
Denmark	196	164	538.1	532.7	518.4	490.7	.	531.2	.	532.5
England	214	194	572.2	538.8	522.5	504.9	523.3	521.2	.	.
Finland	341	329	545.5	557.1	549.9	535.3	.	557.2	.	488.3
France	273	260	503.8	495.3	474.4	445.3	420.9	471.5	.	494.9
Georgia	188	184	481.8	450.7	431.5	399.8	.	438.4	.	484.7
Germany	226	198	534.2	537.5	512.3	478.2	471.8	534.0	.	498.2
Hong Kong SAR	148	145	588.1	557.2	541.2	535.5	412.3	549.3	.	558.8
Hungary	244	236	589.0	559.4	532.7	472.6	409.8	588.9	.	503.7
Indonesia	293	290	418.3	413.8	388.3	342.6	323.7	.	.	286.8
Iran, Islamic Rep. of	291	290	459.9	416.4	401.4	419.3	270.3	.	.	442.4
Ireland	214	213	549.6	530.4	514.3	484.2	.	.	.	532.3
Italy	257	241	524.6	517.4	509.9	502.1	488.6	520.4	.	519.4
Japan	157	155	592.8	572.9	562.9	555.3	558.2	545.1	.	545.4
Kazakhstan	239	235	558.1	547.0	553.1	526.6	.	529.8	.	525.6
Korea, Rep. of	182	181	599.1	583.4	572.0	549.3	573.6	594.1	.	.
Kuwait	294	277	356.1	344.6	324.6	322.7	166.0	323.0	.	359.9
Lithuania	291	285	545.2	532.0	516.6	505.4	547.7	492.7	.	374.7
Morocco	367	345	406.7	380.2	353.5	336.8	323.2	338.3	.	394.7
Netherlands	223	171	539.7	517.0	512.5	465.5	.	516.1	.	.
New Zealand	461	444	534.2	515.7	476.1	449.6	445.1	483.8	.	485.0
Northern Ireland	154	130	538.2	520.8	507.7	488.7	.	514.8	.	533.3
Norway	227	196	570.2	541.2	534.0	530.8	.	527.0	.	572.1
Oman	357	337	438.7	434.1	422.2	449.9	372.3	395.6	.	438.1
Poland	254	252	566.0	549.4	539.1	494.8	542.7	.	.	562.7
Portugal	322	303	530.3	511.9	499.2	482.0	455.4	502.5	.	528.4
Qatar	227	224	467.0	450.0	391.7	343.9	.	.	.	455.8
Russian Federation	217	216	563.6	576.3	546.5	573.2	.	.	.	560.0
Saudi Arabia	189	184	408.0	400.7	387.4	358.4	342.8	351.8	.	395.1
Serbia	192	188	537.2	528.3	496.1	499.0	.	506.9	.	529.4
Singapore	358	352	632.0	605.6	562.3	543.2	482.3	598.2	.	529.9
Slovak Republic	328	324	524.1	529.7	512.6	465.4	417.5	567.2	.	512.5
Slovenia	256	242	546.5	544.1	526.2	.	.	533.3	.	505.9
Spain	393	370	539.0	528.9	499.5	458.3	.	519.3	.	518.6
Sweden	212	203	538.9	544.1	539.1	527.4	.	539.8	.	536.2
Turkey	251	249	517.7	483.8	459.0	442.3	412.9	.	.	522.3
United Arab Emirates	840	766	486.5	457.1	412.6	323.4	320.5	418.2	.	483.6
United States	492	432	583.8	562.2	537.1	515.6	500.0	547.0	.	497.2
International Avg (n=47)	13512	12813	525.9	512.5	493.0	471.4	437.0	501.3	.	491.7
Buenos Aires, Argentina	291	132	451.2	434.6	403.7	370.6	361.2	416.5	.	408.3
Ontario, Canada	275	250	542.8	539.9	522.6	517.3	489.9	512.1	.	531.1
Quebec, Canada	151	143	531.4	520.6	522.0	505.7	.	534.7	.	.
Norway (4)	223	198	503.9	499.9	490.7	446.5	.	491.1	.	.
Abu Dhabi, UAE	212	184	447.3	416.0	407.9	296.3	304.1	398.9	.	470.8
Dubai, UAE	290	272	546.2	516.1	448.0	417.9	372.1	499.2	.	570.1
Florida, US	120	93	579.8	561.4	542.6	534.0	500.1	542.1	.	477.2



Question: How would you characterize each of the following within your school? Parental support for student achievement  
 Location: TQG-06i (ATBG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	439	6.3	40.1	42.5	9.6	1.6	5.7	0.0	0.4
Bahrain	345	337	14.3	36.4	39.9	8.0	1.3	1.9	0.0	1.0
Belgium (Flemish)	295	290	1.4	25.6	61.0	9.7	2.3	1.2	0.0	0.3
Bulgaria	233	231	4.2	24.4	55.3	11.6	4.6	0.0	0.0	0.6
Canada	699	649	13.9	33.8	36.2	14.4	1.7	5.5	0.0	1.3
Chile	180	161	2.2	9.4	36.4	38.5	13.4	6.9	0.0	3.0
Chinese Taipei	178	178	9.3	50.3	38.3	2.0	0.0	0.0	0.0	0.0
Croatia	223	220	17.0	49.6	30.4	2.4	0.6	1.5	0.0	0.0
Cyprus	242	239	6.1	30.6	45.3	15.5	2.5	1.1	0.0	0.0
Czech Republic	265	263	4.6	34.2	55.3	5.5	0.3	0.8	0.0	0.0
Denmark	196	164	3.5	24.7	57.4	14.4	0.0	11.8	0.0	2.5
England	214	194	8.0	33.3	40.5	15.3	2.9	5.1	0.0	0.0
Finland	341	329	2.6	40.2	52.5	4.7	0.0	4.3	0.0	0.0
France	273	260	3.2	30.0	55.9	8.0	2.8	4.0	0.0	0.7
Georgia	188	186	10.6	40.7	43.9	4.8	0.0	0.7	0.0	0.2
Germany	226	197	1.0	20.9	59.3	17.1	1.8	10.8	0.0	1.7
Hong Kong SAR	148	145	3.9	33.9	41.6	14.8	5.8	1.1	0.0	0.3
Hungary	244	236	1.3	20.8	58.9	16.0	3.0	1.1	0.0	2.3
Indonesia	293	293	15.0	35.2	41.2	7.1	1.6	0.0	0.0	0.0
Iran, Islamic Rep. of	291	289	8.6	28.1	46.3	11.2	5.8	0.0	0.0	0.8
Ireland	214	214	15.2	43.8	35.9	5.1	0.0	0.0	0.0	0.0
Italy	257	241	5.5	23.1	62.4	7.7	1.3	4.6	0.0	1.3
Japan	157	155	4.4	23.3	59.2	12.3	0.8	0.3	0.0	0.6
Kazakhstan	239	236	20.1	46.9	31.3	1.6	0.0	0.5	0.0	0.7
Korea, Rep. of	182	181	28.6	36.4	28.9	5.2	0.9	0.6	0.0	0.0
Kuwait	294	278	8.8	37.3	46.9	6.1	0.9	7.6	0.0	1.3
Lithuania	291	284	6.5	46.6	40.6	5.5	0.9	1.1	0.0	0.3
Morocco	367	348	1.0	8.3	23.5	38.1	29.1	4.4	0.0	0.8
Netherlands	223	169	2.7	26.4	58.9	11.6	0.5	21.4	0.0	1.3
New Zealand	461	443	9.3	40.6	41.9	8.1	0.3	2.2	0.0	0.8
Northern Ireland	154	130	16.5	43.5	29.7	10.3	0.0	17.4	0.0	0.5
Norway	227	195	2.0	36.6	56.6	4.8	0.0	11.9	0.0	0.9
Oman	357	337	10.9	35.4	43.9	6.9	2.8	0.4	0.0	5.1
Poland	254	252	2.7	17.8	61.5	17.1	0.9	0.0	0.0	1.1
Portugal	322	307	0.6	21.3	56.6	19.3	2.2	5.1	0.0	0.4
Qatar	227	224	10.8	39.1	42.3	7.7	0.1	0.0	0.0	1.9
Russian Federation	217	216	1.4	11.4	76.3	11.0	0.0	0.0	0.0	1.3
Saudi Arabia	189	184	8.9	24.1	39.2	21.2	6.7	0.5	0.0	1.6
Serbia	192	189	4.4	25.7	59.4	9.2	1.3	0.7	0.0	1.0
Singapore	358	352	5.1	38.7	44.8	9.8	1.7	1.5	0.0	0.3
Slovak Republic	328	324	0.8	17.7	59.8	18.1	3.6	0.7	0.0	0.7
Slovenia	256	241	1.9	24.5	66.2	7.0	0.3	5.4	0.0	0.6
Spain	393	371	6.3	39.2	39.8	12.6	2.2	4.1	0.0	0.9
Sweden	212	201	4.1	22.2	53.8	18.3	1.6	3.9	0.0	1.3
Turkey	251	251	2.9	20.0	38.9	24.3	13.8	0.0	0.0	0.0
United Arab Emirates	840	771	13.0	39.4	37.5	7.3	2.8	5.9	0.0	2.1
United States	492	433	9.7	24.1	41.1	18.8	6.3	12.7	0.0	0.6
International Avg (n=47)	13512	12827	7.3	31.0	47.1	11.8	2.8	3.8	0.0	0.9
Buenos Aires, Argentina	291	131	2.7	31.4	53.6	8.8	3.5	53.6	0.0	0.7
Ontario, Canada	275	250	10.5	29.4	40.5	17.8	1.8	6.3	0.0	2.5
Quebec, Canada	151	143	25.9	40.4	29.1	3.8	0.7	5.2	0.0	0.0
Norway (4)	223	198	2.4	35.9	53.1	6.5	2.0	9.9	0.0	0.0
Abu Dhabi, UAE	212	186	13.5	27.8	37.5	14.8	6.4	9.0	0.0	1.6
Dubai, UAE	290	271	12.6	44.4	37.5	4.4	1.1	2.8	0.0	2.9
Florida, US	120	93	15.0	14.2	37.2	24.4	9.2	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Parental support for student achievement  
Location: TQG-06i (ATBG06I)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	439	562.5	540.6	511.7	498.7	479.9	510.2	.	455.8
Bahrain	345	337	436.8	484.7	451.2	433.3	433.5	420.5	.	449.1
Belgium (Flemish)	295	290	528.3	525.8	513.9	466.4	471.4	500.5	.	525.6
Bulgaria	233	231	573.0	560.8	534.9	506.0	447.8	.	.	577.5
Canada	699	649	528.6	533.4	526.3	504.0	477.7	520.0	.	531.6
Chile	180	161	501.0	532.8	491.6	466.0	440.3	473.8	.	450.0
Chinese Taipei	178	178	560.7	557.3	551.1	559.1	.	.	.	.
Croatia	223	220	534.6	534.7	530.0	539.0	556.0	531.0	.	.
Cyprus	242	239	506.9	487.8	480.5	465.2	447.8	494.5	.	.
Czech Republic	265	263	556.9	543.2	528.7	518.5	488.1	542.1	.	.
Denmark	196	164	535.9	535.7	527.8	500.9	.	531.2	.	537.6
England	214	194	572.6	547.7	535.4	506.0	488.7	521.2	.	.
Finland	341	329	553.7	559.6	551.8	524.0	.	557.2	.	488.3
France	273	260	499.4	499.0	489.0	446.3	446.7	471.5	.	536.6
Georgia	188	186	486.8	458.5	440.2	413.2	.	438.4	.	460.9
Germany	226	197	539.7	543.3	531.7	504.9	436.7	534.0	.	519.9
Hong Kong SAR	148	145	562.2	576.3	552.2	537.6	518.4	549.3	.	558.8
Hungary	244	236	591.5	569.2	544.0	506.1	496.1	588.9	.	503.7
Indonesia	293	293	401.5	411.8	391.6	356.9	323.7	.	.	.
Iran, Islamic Rep. of	291	289	433.9	452.6	411.8	393.4	364.0	.	.	508.0
Ireland	214	214	553.1	531.8	521.2	485.0	.	.	.	.
Italy	257	241	535.5	514.5	515.4	518.5	489.8	520.4	.	519.4
Japan	157	155	595.8	576.6	567.1	556.9	558.0	545.1	.	545.4
Kazakhstan	239	236	553.8	552.9	542.0	542.9	.	529.8	.	569.3
Korea, Rep. of	182	181	602.8	593.2	575.1	571.6	560.1	594.1	.	.
Kuwait	294	278	323.2	352.3	329.2	338.2	346.0	323.0	.	365.5
Lithuania	291	284	543.2	535.3	520.7	506.1	528.4	492.7	.	483.1
Morocco	367	348	437.9	401.0	375.6	337.0	339.0	338.3	.	348.3
Netherlands	223	169	526.7	522.6	521.0	491.4	454.5	516.1	.	491.9
New Zealand	461	443	534.6	523.8	494.1	453.0	419.8	483.8	.	461.0
Northern Ireland	154	130	539.0	524.8	515.6	488.9	.	514.8	.	533.3
Norway	227	195	544.8	546.5	535.7	514.7	.	527.0	.	557.1
Oman	357	337	436.1	441.5	420.3	439.0	417.9	395.6	.	438.1
Poland	254	252	581.4	555.6	548.0	530.5	522.1	.	.	562.7
Portugal	322	307	518.9	517.9	510.8	495.1	463.1	502.5	.	530.8
Qatar	227	224	468.2	448.8	422.6	398.5	373.5	.	.	456.9
Russian Federation	217	216	558.6	568.4	571.6	537.6	.	.	.	560.0
Saudi Arabia	189	184	396.7	398.3	403.6	373.6	338.6	351.8	.	362.1
Serbia	192	189	526.9	537.0	520.9	514.5	509.4	506.9	.	534.4
Singapore	358	352	619.7	614.4	579.3	546.3	511.1	598.2	.	529.9
Slovak Republic	328	324	524.2	544.9	528.4	490.3	412.4	567.2	.	512.5
Slovenia	256	241	549.7	544.0	543.4	536.0	564.8	533.3	.	522.7
Spain	393	371	527.8	534.6	515.2	484.8	420.6	519.3	.	565.2
Sweden	212	201	539.0	557.6	543.3	519.5	416.8	539.8	.	555.8
Turkey	251	251	520.4	511.5	492.0	463.6	445.5	.	.	.
United Arab Emirates	840	771	482.4	467.7	448.0	375.7	344.2	418.1	.	511.0
United States	492	433	584.6	570.5	541.8	517.9	498.9	547.0	.	553.5
International Avg (n=47)	13512	12827	523.2	520.1	504.2	482.4	454.0	501.3	.	504.6
Buenos Aires, Argentina	291	131	383.8	429.7	427.7	374.4	353.3	416.5	.	385.9
Ontario, Canada	275	250	534.1	543.7	530.6	516.1	496.1	512.1	.	531.1
Quebec, Canada	151	143	528.0	523.7	520.1	534.7	491.3	534.7	.	.
Norway (4)	223	198	486.2	502.3	491.5	482.1	419.2	491.1	.	.
Abu Dhabi, UAE	212	186	472.6	429.9	422.8	350.4	326.8	398.9	.	507.5
Dubai, UAE	290	271	548.3	530.0	500.9	447.8	455.6	499.2	.	568.8
Florida, US	120	93	571.6	570.9	553.7	526.9	536.2	542.1	.	477.2

Question: How would you characterize each of the following within your school? Parental pressure for the school to maintain high academic standards  
 Location: TQG-06j (ATBG06J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	14.8	43.4	32.1	8.2	1.6	5.7	0.0	0.4
Bahrain	345	337	14.8	37.7	33.0	10.9	3.7	1.9	0.0	1.0
Belgium (Flemish)	295	290	5.6	29.7	52.4	9.1	3.3	1.2	0.0	0.3
Bulgaria	233	227	4.2	35.0	40.7	16.6	3.4	0.0	0.0	2.9
Canada	699	649	13.5	32.8	37.7	13.5	2.5	5.5	0.0	1.6
Chile	180	160	8.4	22.2	36.3	22.4	10.8	6.9	0.0	3.7
Chinese Taipei	178	178	5.6	42.1	48.1	3.5	0.7	0.0	0.0	0.0
Croatia	223	220	11.5	42.3	35.8	8.8	1.5	1.5	0.0	0.0
Cyprus	242	239	5.6	19.3	48.8	20.1	6.2	1.1	0.0	0.0
Czech Republic	265	262	8.4	33.3	50.0	7.7	0.5	0.8	0.0	1.0
Denmark	196	165	5.3	30.4	50.6	13.2	0.5	11.8	0.0	1.9
England	214	194	20.0	36.5	28.9	11.8	2.8	5.1	0.0	0.0
Finland	341	329	3.0	22.8	68.4	5.8	0.0	4.3	0.0	0.0
France	273	261	7.2	27.7	38.4	22.2	4.5	4.0	0.0	0.3
Georgia	188	185	25.8	56.6	16.1	1.5	0.0	0.7	0.0	1.6
Germany	226	198	4.7	41.0	43.5	8.5	2.3	10.8	0.0	1.3
Hong Kong SAR	148	145	9.2	27.9	51.4	9.6	1.9	1.1	0.0	0.3
Hungary	244	236	11.7	39.2	38.4	8.4	2.4	1.1	0.0	2.3
Indonesia	293	293	8.9	36.1	44.7	8.5	1.8	0.0	0.0	0.0
Iran, Islamic Rep. of	291	288	8.2	28.3	42.0	15.9	5.7	0.0	0.0	0.8
Ireland	214	214	12.8	40.3	37.6	7.2	2.0	0.0	0.0	0.0
Italy	257	241	6.1	26.6	48.1	16.3	2.9	4.6	0.0	1.2
Japan	157	155	3.6	18.2	62.1	13.9	2.1	0.3	0.0	0.6
Kazakhstan	235	235	14.1	58.4	25.6	1.9	0.0	0.5	0.0	1.0
Korea, Rep. of	182	181	22.3	30.1	37.4	9.3	0.9	0.6	0.0	0.0
Kuwait	294	276	8.8	41.5	37.3	9.0	3.4	7.6	0.0	1.9
Lithuania	291	284	5.4	31.5	58.6	3.3	1.2	1.1	0.0	0.1
Morocco	367	347	5.2	11.0	22.4	32.9	28.5	4.4	0.0	1.9
Netherlands	223	170	8.8	29.4	54.1	7.7	0.0	21.4	0.0	0.5
New Zealand	461	443	23.6	34.4	33.4	8.0	0.5	2.2	0.0	0.8
Northern Ireland	154	130	23.2	41.3	29.8	5.7	0.0	17.4	0.0	0.5
Norway	227	196	2.2	27.6	54.3	14.3	1.5	11.9	0.0	0.5
Oman	357	334	8.8	22.1	43.0	18.8	7.2	0.4	0.0	5.9
Poland	254	249	5.9	39.1	49.2	3.8	1.9	0.0	0.0	2.8
Portugal	322	307	6.3	29.4	47.9	12.3	4.1	5.1	0.0	0.4
Qatar	227	224	16.0	34.6	42.1	7.2	0.1	0.0	0.0	2.5
Russian Federation	217	214	0.5	10.5	35.6	34.0	19.4	0.0	0.0	2.1
Saudi Arabia	189	184	7.1	26.9	33.5	21.4	11.0	0.5	0.0	1.7
Serbia	192	187	6.0	28.1	44.7	16.3	4.8	0.7	0.0	1.6
Singapore	358	352	10.6	46.0	36.2	6.6	0.7	1.5	0.0	0.3
Slovak Republic	328	323	6.5	41.5	38.2	10.5	3.3	0.7	0.0	0.7
Slovenia	256	242	8.2	46.4	39.2	5.8	0.4	5.4	0.0	0.2
Spain	393	371	7.7	29.5	47.1	13.2	2.5	4.1	0.0	0.9
Sweden	212	203	17.5	36.4	39.6	6.4	0.2	3.9	0.0	0.7
Turkey	251	250	4.0	25.3	40.0	22.2	8.5	0.0	0.0	0.1
United Arab Emirates	840	773	23.9	42.4	26.2	5.1	2.3	5.9	0.0	1.8
United States	492	433	14.4	27.2	35.7	17.3	5.4	12.7	0.0	0.7
International Avg (n=47)	13512	12814	10.1	33.2	41.2	11.8	3.6	3.8	0.0	1.1
Buenos Aires, Argentina	291	131	10.8	44.0	30.0	9.3	5.9	53.6	0.0	0.7
Ontario, Canada	275	250	12.9	36.2	30.7	18.0	2.3	6.3	0.0	2.5
Quebec, Canada	151	142	17.2	28.0	48.1	6.7	0.0	5.2	0.0	1.3
Norway (4)	223	198	2.0	26.0	50.4	20.2	1.3	9.9	0.0	0.0
Abu Dhabi, UAE	212	186	23.4	33.3	31.6	7.9	3.7	9.0	0.0	1.6
Dubai, UAE	290	272	22.7	54.0	18.8	3.6	0.9	2.8	0.0	2.6
Florida, US	120	93	19.8	23.1	34.4	20.0	2.8	20.6	0.0	0.5

Question: How would you characterize each of the following within your school? Parental pressure for the school to maintain high academic standards  
 Location: TQG-06j (ATBG06J)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	549.2	533.5	510.8	494.3	496.9	510.2	.	454.8
Bahrain	345	337	441.1	474.3	456.1	454.1	433.4	420.5	.	449.1
Belgium (Flemish)	295	290	532.7	520.9	512.3	485.8	451.2	500.5	.	525.6
Bulgaria	233	227	591.8	542.9	545.0	489.6	474.7	.	.	571.1
Canada	699	649	541.0	534.0	521.1	507.6	478.5	520.0	.	523.4
Chile	180	160	502.2	499.4	478.1	466.4	446.7	473.8	.	458.1
Chinese Taipei	178	178	560.5	556.2	554.5	547.9	550.9	.	.	.
Croatia	223	220	542.2	531.9	533.1	526.9	556.9	531.0	.	.
Cyprus	242	239	508.6	487.2	483.7	467.8	460.8	494.5	.	.
Czech Republic	265	262	553.1	539.4	528.2	532.4	510.9	542.1	.	539.2
Denmark	196	165	560.9	533.2	524.5	500.6	565.4	531.2	.	541.2
England	214	194	560.9	541.0	526.7	516.2	494.1	521.2	.	.
Finland	341	329	549.4	557.6	552.8	550.5	.	557.2	.	488.3
France	273	261	504.4	500.4	487.5	478.3	437.5	471.5	.	505.4
Georgia	188	185	470.6	449.2	430.3	395.5	.	438.4	.	479.4
Germany	226	198	540.4	538.0	526.1	500.0	473.9	534.0	.	498.2
Hong Kong SAR	148	145	591.1	560.4	553.4	537.1	520.7	549.3	.	558.8
Hungary	244	236	571.1	555.9	535.9	478.3	509.2	588.9	.	503.7
Indonesia	293	293	371.2	416.3	394.0	352.3	403.4	.	.	.
Iran, Islamic Rep. of	291	288	455.4	429.3	420.4	387.3	416.3	.	.	502.4
Ireland	214	214	549.7	534.1	524.1	503.9	471.0	.	.	.
Italy	257	241	534.7	516.2	516.7	507.6	516.7	520.4	.	524.8
Japan	157	155	603.7	576.4	565.7	567.7	562.8	545.1	.	545.4
Kazakhstan	239	235	565.3	548.5	543.2	553.3	.	529.8	.	556.5
Korea, Rep. of	182	181	602.1	593.9	583.7	567.9	569.1	594.1	.	.
Kuwait	294	276	341.7	341.1	340.1	313.2	327.5	323.0	.	365.3
Lithuania	291	284	550.5	526.7	526.1	535.9	535.9	492.7	.	513.4
Morocco	367	347	410.5	414.3	357.9	332.7	334.0	338.3	.	407.8
Netherlands	223	170	525.5	525.0	517.1	478.5	.	516.1	.	552.1
New Zealand	461	443	537.0	517.6	488.3	447.9	443.3	483.8	.	461.0
Northern Ireland	154	130	540.5	519.9	511.9	492.5	.	514.8	.	533.3
Norway	227	196	544.0	547.5	537.1	526.1	554.6	527.0	.	572.1
Oman	357	334	420.0	423.4	433.2	431.1	456.9	395.6	.	429.8
Poland	254	249	567.4	550.6	544.8	522.9	520.0	.	.	551.9
Portugal	322	307	531.2	516.7	504.9	497.1	485.5	502.5	.	530.8
Qatar	227	224	459.4	446.5	425.6	395.4	376.7	.	.	444.9
Russian Federation	217	214	530.6	565.8	566.4	567.6	571.1	.	.	553.4
Saudi Arabia	189	184	397.5	408.7	390.6	381.0	367.1	351.8	.	344.3
Serbia	192	187	539.7	535.0	524.3	498.1	532.2	506.9	.	541.2
Singapore	358	352	623.1	606.6	571.0	539.8	526.4	598.2	.	529.9
Slovak Republic	328	323	527.1	531.4	522.9	490.1	431.6	567.2	.	506.6
Slovenia	256	242	538.2	543.4	543.3	547.2	551.0	533.3	.	505.9
Spain	393	371	539.0	533.4	517.9	483.8	460.5	519.3	.	519.5
Sweden	212	203	555.1	546.0	533.2	512.2	456.5	539.8	.	536.2
Turkey	251	250	531.8	493.1	491.4	455.0	466.8	.	.	558.7
United Arab Emirates	840	773	473.6	463.9	428.4	403.4	399.2	418.1	.	504.9
United States	492	433	580.4	559.6	539.6	521.4	501.3	547.0	.	552.8
International Avg (n=47)	13512	12814	523.8	514.6	502.6	483.9	478.6	501.3	.	506.0
Buenos Aires, Argentina	291	131	465.6	433.1	405.7	390.7	353.2	416.5	.	393.3
Ontario, Canada	275	250	549.4	539.8	525.0	517.6	501.6	512.1	.	531.1
Quebec, Canada	151	142	538.2	524.0	524.4	489.7	.	534.7	.	496.2
Norway (4)	223	198	503.3	506.8	489.8	483.4	488.4	491.1	.	.
Abu Dhabi, UAE	212	186	434.5	422.6	412.3	378.0	314.1	398.9	.	507.5
Dubai, UAE	290	272	551.3	520.7	466.4	491.6	587.3	499.2	.	570.1
Florida, US	120	93	573.4	565.7	541.5	532.8	508.1	542.1	.	477.2

Question: How would you characterize each of the following within your school? Students' desire to do well in school  
Location: TQG-06k (ATBG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	10.8	58.1	29.9	1.2	0.0	5.7	0.0	0.4
Bahrain	345	336	22.7	40.7	28.6	7.5	0.4	1.9	0.0	1.4
Belgium (Flemish)	295	288	2.9	44.3	51.1	1.6	0.2	1.2	0.0	0.8
Bulgaria	233	228	7.2	56.5	33.5	2.8	0.0	0.0	0.0	1.7
Canada	699	645	13.2	48.9	35.9	1.7	0.2	5.5	0.0	1.8
Chile	180	159	14.5	29.1	40.3	15.9	0.3	6.9	0.0	4.5
Chinese Taipei	178	174	7.4	48.2	42.0	2.5	0.0	0.0	0.0	1.8
Croatia	223	220	27.8	59.0	12.4	0.7	0.0	1.5	0.0	0.0
Cyprus	242	238	3.4	41.0	43.6	11.0	1.0	1.1	0.0	0.3
Czech Republic	265	263	2.8	27.6	64.1	5.6	0.0	0.8	0.0	0.0
Denmark	196	166	5.5	49.8	41.3	3.4	0.0	11.8	0.0	1.5
England	214	194	21.9	52.5	23.3	1.7	0.6	5.1	0.0	0.0
Finland	341	329	2.7	61.0	36.3	0.0	0.0	4.3	0.0	0.0
France	273	259	4.9	41.1	46.3	7.0	0.7	4.0	0.0	0.7
Georgia	188	183	15.6	54.5	27.5	2.4	0.0	0.7	0.0	1.9
Germany	226	198	7.0	59.8	30.6	2.6	0.0	10.8	0.0	0.7
Hong Kong SAR	148	140	5.8	60.1	30.2	3.9	0.0	1.1	0.0	2.8
Hungary	244	237	2.4	35.2	55.2	5.7	1.5	1.1	0.0	1.8
Indonesia	293	291	32.6	47.1	17.7	2.6	0.0	0.0	0.0	1.0
Iran, Islamic Rep. of	291	290	15.4	53.5	29.1	1.7	0.2	0.0	0.0	0.6
Ireland	214	212	20.6	60.3	18.1	1.1	0.0	0.0	0.0	0.8
Italy	257	238	11.1	48.6	37.1	2.3	0.9	4.6	0.0	2.1
Japan	157	155	5.4	38.2	51.5	4.9	0.0	0.3	0.0	0.4
Kazakhstan	239	231	26.5	61.5	11.9	0.0	0.0	0.5	0.0	3.1
Korea, Rep. of	182	181	35.2	46.7	14.4	3.7	0.0	0.6	0.0	0.0
Kuwait	294	274	15.2	42.2	35.9	6.0	0.7	7.6	0.0	2.5
Lithuania	291	285	11.6	56.0	30.1	1.8	0.5	1.1	0.0	0.0
Morocco	367	348	4.8	30.4	52.0	9.7	3.1	4.4	0.0	0.8
Netherlands	223	171	0.7	34.9	59.7	4.7	0.0	21.4	0.0	0.0
New Zealand	461	440	10.9	62.9	25.7	0.5	0.0	2.2	0.0	1.9
Northern Ireland	154	129	25.7	58.9	15.3	0.0	0.0	17.4	0.0	0.7
Norway	227	196	5.5	60.2	34.0	0.3	0.0	11.9	0.0	0.5
Oman	357	338	23.5	44.7	26.3	3.4	2.1	0.4	0.0	4.6
Poland	254	251	2.1	32.2	57.4	8.0	0.4	0.0	0.0	2.0
Portugal	322	306	5.1	38.5	48.6	6.9	0.9	5.1	0.0	0.5
Qatar	227	222	20.7	52.5	24.3	2.4	0.1	0.0	0.0	3.3
Russian Federation	217	217	6.1	48.0	42.6	3.4	0.0	0.0	0.0	0.0
Saudi Arabia	189	184	11.4	44.3	33.9	7.9	2.5	0.5	0.0	2.1
Serbia	192	189	16.3	53.7	27.2	2.9	0.0	0.7	0.0	1.2
Singapore	358	352	4.4	43.3	46.5	5.7	0.0	1.5	0.0	0.3
Slovak Republic	328	325	3.6	29.9	58.5	6.5	1.6	0.7	0.0	0.4
Slovenia	256	242	1.8	30.9	60.8	6.4	0.0	5.4	0.0	0.2
Spain	393	367	14.9	57.3	26.2	1.0	0.6	4.1	0.0	2.5
Sweden	212	203	10.4	49.7	34.5	5.5	0.0	3.9	0.0	0.7
Turkey	251	248	8.9	48.4	34.5	7.8	0.5	0.0	0.0	0.8
United Arab Emirates	840	757	18.5	49.5	27.7	3.2	1.1	5.9	0.0	4.3
United States	492	437	7.3	39.5	47.5	5.7	0.0	12.7	0.0	0.0
International Avg (n=47)	13512	12776	11.8	47.5	36.2	4.1	0.4	3.8	0.0	1.3
Buenos Aires, Argentina	291	130	10.4	42.1	44.9	2.6	0.0	53.6	0.0	0.8
Ontario, Canada	275	249	7.0	48.8	42.1	1.5	0.4	6.3	0.0	2.9
Quebec, Canada	151	142	24.1	48.2	27.5	0.1	0.0	5.2	0.0	0.6
Norway (4)	223	197	6.6	59.2	32.8	1.4	0.0	9.9	0.0	0.2
Abu Dhabi, UAE	212	180	12.0	45.5	35.0	5.0	2.5	9.0	0.0	5.3
Dubai, UAE	290	271	19.5	53.6	24.3	2.6	0.0	2.8	0.0	3.4
Florida, US	120	93	8.4	33.0	51.4	5.1	2.1	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Students' desire to do well in school  
 Location: TQG-06k (ATBG06K)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	544.4	530.1	509.4	474.5	382.9	510.2	.	454.7
Bahrain	345	336	457.9	471.4	450.9	436.6	441.2	420.5	.	450.3
Belgium (Flemish)	295	288	522.8	520.7	505.3	441.7	460.3	500.5	.	529.9
Bulgaria	233	228	582.9	544.9	514.1	476.8	.	.	.	551.1
Canada	699	645	520.0	532.9	518.1	505.0	509.2	520.0	.	511.3
Chile	180	159	501.2	492.2	469.7	457.2	436.5	473.8	.	464.4
Chinese Taipei	178	174	555.4	555.9	555.5	551.2	.	.	.	540.5
Croatia	223	220	536.9	532.7	527.2	575.3	.	531.0	.	.
Cyprus	242	238	513.3	490.8	474.2	465.4	452.6	494.5	.	478.6
Czech Republic	265	263	546.8	543.8	530.4	526.5	.	542.1	.	.
Denmark	196	166	552.4	531.5	519.0	483.7	.	531.2	.	561.8
England	214	194	545.3	542.6	519.5	484.0	508.2	521.2	.	.
Finland	341	329	561.5	558.7	544.5	.	.	557.2	.	488.3
France	273	259	500.9	499.0	482.3	454.8	495.1	471.5	.	463.2
Georgia	188	183	474.0	451.6	439.9	414.3	.	438.4	.	470.6
Germany	226	198	537.5	534.2	516.9	496.3	.	534.0	.	486.9
Hong Kong SAR	148	140	555.9	563.9	546.4	519.6	.	549.3	.	562.4
Hungary	244	237	564.4	569.8	530.9	476.9	511.4	588.9	.	510.1
Indonesia	293	291	402.0	401.5	379.8	356.3	.	.	.	397.2
Iran, Islamic Rep. of	291	290	435.1	428.6	398.7	435.3	297.1	.	.	467.8
Ireland	214	212	546.0	528.6	514.0	477.3	.	.	.	514.4
Italy	257	238	527.2	517.7	510.9	527.5	488.6	520.4	.	519.9
Japan	157	155	595.4	572.5	565.2	556.7	.	545.1	.	548.0
Kazakhstan	239	231	548.9	551.8	556.1	.	.	529.8	.	490.0
Korea, Rep. of	182	181	597.8	589.0	574.6	568.6	.	594.1	.	.
Kuwait	294	274	374.0	339.7	319.8	343.1	228.8	323.0	.	380.2
Lithuania	291	285	538.1	537.3	509.4	493.4	519.2	492.7	.	374.7
Morocco	367	348	415.5	367.7	343.6	339.9	307.8	338.3	.	348.3
Netherlands	223	171	508.4	530.7	513.0	476.2	.	516.1	.	.
New Zealand	461	440	514.1	515.7	482.9	481.2	.	483.8	.	461.7
Northern Ireland	154	129	525.1	522.5	506.0	.	.	514.8	.	539.0
Norway	227	196	561.3	539.1	534.8	532.1	.	527.0	.	572.1
Oman	357	338	442.3	432.2	418.0	421.4	448.7	395.6	.	436.9
Poland	254	251	569.2	551.4	545.6	533.6	496.3	.	.	563.6
Portugal	322	306	515.5	520.4	502.3	485.3	443.4	502.5	.	530.5
Qatar	227	222	455.4	448.7	404.6	342.9	341.5	.	.	424.9
Russian Federation	217	217	576.5	572.7	562.0	539.1	.	.	.	.
Saudi Arabia	189	184	411.6	400.4	387.4	353.3	336.7	351.8	.	322.4
Serbia	192	189	533.3	530.6	507.6	521.8	.	506.9	.	535.9
Singapore	358	352	643.7	606.0	575.8	552.4	.	598.2	.	529.9
Slovak Republic	328	325	535.7	545.5	515.3	469.9	402.2	567.2	.	470.7
Slovenia	256	242	559.4	546.2	542.7	528.4	.	533.3	.	505.9
Spain	393	367	532.3	525.8	499.0	443.0	388.0	519.3	.	520.1
Sweden	212	203	555.2	538.4	539.9	530.9	.	539.8	.	536.2
Turkey	251	248	505.3	494.4	467.2	465.0	464.1	.	.	470.4
United Arab Emirates	840	757	489.1	463.1	427.5	347.0	312.8	418.1	.	466.5
United States	492	437	562.2	560.2	535.8	508.5	456.5	547.0	.	.
International Avg (n=47)	13512	12776	522.3	513.7	495.6	474.3	422.0	501.3	.	486.3
Buenos Aires, Argentina	291	130	401.3	441.2	406.5	367.0	.	416.5	.	410.6
Ontario, Canada	275	249	527.6	539.7	523.9	513.3	509.2	512.1	.	530.0
Quebec, Canada	151	142	518.4	527.8	522.6	450.8	.	534.7	.	515.4
Norway (4)	223	197	498.1	498.4	482.5	501.0	.	491.1	.	495.5
Abu Dhabi, UAE	212	180	475.5	424.8	396.9	316.7	298.7	398.9	.	475.4
Dubai, UAE	290	271	547.1	528.5	479.2	406.0	.	499.2	.	560.4
Florida, US	120	93	589.1	564.0	542.2	511.7	494.4	542.1	.	499.0

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals  
 Location: TQG-06L (ATBG06L)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	484	440	7.2	53.2	38.2	1.4	0.0	5.7	0.0	0.4
Bahrain	345	336	13.3	43.4	40.3	3.0	0.0	1.9	0.0	1.4
Belgium (Flemish)	295	288	1.0	29.4	63.7	5.5	0.4	1.2	0.0	0.9
Bulgaria	233	228	4.4	42.6	47.9	4.1	1.0	0.0	0.0	1.7
Canada	699	645	10.5	46.5	38.1	4.9	0.1	5.5	0.0	1.7
Chile	180	158	1.3	29.5	53.3	14.8	1.1	6.9	0.0	4.8
Chinese Taipei	178	174	4.7	55.7	38.9	0.8	0.0	0.0	0.0	1.8
Croatia	223	220	11.9	62.3	24.8	1.0	0.0	1.5	0.0	0.0
Cyprus	242	238	3.0	29.1	57.3	9.5	1.1	1.1	0.0	0.3
Czech Republic	265	263	1.0	23.8	70.2	5.0	0.0	0.8	0.0	0.0
Denmark	196	166	1.7	44.5	51.2	2.6	0.0	11.8	0.0	1.5
England	214	193	15.2	52.3	30.3	1.1	1.0	5.1	0.0	0.2
Finland	341	329	1.7	57.7	40.3	0.3	0.0	4.3	0.0	0.0
France	273	254	0.7	38.5	53.7	6.8	0.3	4.5	0.0	1.9
Georgia	188	186	5.0	49.5	44.8	0.7	0.0	0.7	0.0	0.3
Germany	226	199	0.0	25.2	64.5	10.1	0.2	10.8	0.0	0.7
Hong Kong SAR	148	140	2.9	45.8	46.5	4.8	0.0	1.1	0.0	2.8
Hungary	244	238	1.5	23.3	68.3	6.3	0.6	1.1	0.0	1.5
Indonesia	293	291	7.2	42.3	47.7	2.8	0.0	0.0	0.0	1.0
Iran, Islamic Rep. of	291	289	7.3	42.6	45.2	4.7	0.2	0.0	0.0	0.7
Ireland	214	213	15.1	58.9	24.3	1.7	0.0	0.0	0.0	0.6
Italy	257	237	3.2	31.5	63.9	1.4	0.0	4.6	0.0	2.8
Japan	157	155	0.8	24.5	56.8	16.9	1.1	0.3	0.0	0.4
Kazakhstan	239	232	13.4	58.3	27.8	0.6	0.0	0.5	0.0	2.4
Korea, Rep. of	182	181	22.6	37.8	33.6	5.6	0.3	0.6	0.0	0.0
Kuwait	294	273	7.5	41.7	45.0	5.6	0.3	7.6	0.0	2.8
Lithuania	291	284	3.6	49.3	44.4	2.3	0.5	1.1	0.0	0.3
Morocco	367	348	1.8	17.8	59.2	18.0	3.3	4.4	0.0	0.8
Netherlands	223	169	1.1	23.5	70.7	4.7	0.0	21.4	0.0	1.3
New Zealand	461	440	8.8	61.4	28.9	1.0	0.0	2.2	0.0	1.9
Northern Ireland	154	129	18.1	65.0	16.8	0.0	0.0	17.4	0.0	0.7
Norway	227	195	0.4	53.0	43.8	2.8	0.0	11.9	0.0	0.9
Oman	357	336	11.6	37.8	47.0	3.0	0.6	0.4	0.0	5.3
Poland	254	250	0.0	35.9	62.5	1.3	0.4	0.0	0.0	2.4
Portugal	322	305	0.8	21.7	74.5	2.9	0.1	5.1	0.0	0.7
Qatar	227	222	17.6	47.1	33.5	1.8	0.0	0.0	0.0	3.3
Russian Federation	217	217	0.4	18.2	79.6	1.8	0.0	0.0	0.0	0.0
Saudi Arabia	189	183	2.8	38.3	48.1	10.1	0.8	0.5	0.0	3.0
Serbia	192	188	4.2	42.7	52.7	0.4	0.0	0.7	0.0	1.8
Singapore	358	352	3.2	38.1	51.9	6.4	0.3	1.5	0.0	0.3
Slovak Republic	328	324	1.1	16.5	70.9	9.8	1.8	0.7	0.0	0.7
Slovenia	256	241	1.2	27.7	66.4	4.7	0.0	5.4	0.0	0.9
Spain	393	367	3.6	50.2	44.0	1.9	0.4	4.1	0.0	1.9
Sweden	212	203	6.2	44.3	43.8	5.6	0.0	3.9	0.0	0.7
Turkey	251	248	3.9	32.2	53.1	10.3	0.5	0.0	0.0	0.7
United Arab Emirates	840	753	13.1	48.9	32.4	4.4	1.2	5.9	0.0	5.4
United States	492	436	6.0	42.4	45.6	6.0	0.0	12.7	0.0	0.1
International Avg (n=47)	13512	12756	5.8	40.5	48.6	4.7	0.4	3.8	0.0	1.4
Buenos Aires, Argentina	291	129	7.3	40.5	48.5	2.7	1.0	53.6	0.0	1.1
Ontario, Canada	275	249	5.7	40.0	49.0	5.1	0.1	6.3	0.0	2.9
Quebec, Canada	151	142	21.0	51.9	26.6	0.5	0.0	5.2	0.0	0.6
Norway (4)	223	197	2.4	54.3	40.4	1.1	1.7	9.9	0.0	0.2
Abu Dhabi, UAE	212	177	9.5	40.5	37.3	8.9	3.8	9.0	0.0	7.5
Dubai, UAE	290	271	14.6	52.4	31.8	1.2	0.0	2.8	0.0	3.4
Florida, US	120	93	6.8	39.2	45.0	7.9	1.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals  
 Location: TQG-061 (ATBG06L)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	555.4	530.3	513.0	478.1	.	510.2	.	454.7
Bahrain	345	336	445.7	477.5	447.3	429.8	.	420.5	.	450.3
Belgium (Flemish)	295	288	531.5	521.6	510.8	474.3	402.6	500.5	.	502.5
Bulgaria	233	228	572.7	562.6	517.3	472.3	338.4	.	.	551.1
Canada	699	645	517.0	533.5	523.2	476.8	437.7	520.0	.	527.9
Chile	180	158	478.7	499.9	476.3	446.4	453.0	473.8	.	466.4
Chinese Taipei	178	174	557.9	556.6	552.9	601.1	.	.	.	540.5
Croatia	223	220	536.5	534.9	529.0	520.0	.	531.0	.	.
Cyprus	242	238	515.7	493.3	475.3	469.1	472.1	494.5	.	478.6
Czech Republic	265	263	534.0	547.6	530.6	523.1	.	542.1	.	.
Denmark	196	166	567.1	535.5	518.4	481.2	.	531.2	.	561.8
England	214	193	550.7	541.2	524.1	516.3	490.5	521.2	.	510.0
Finland	341	329	562.7	560.1	544.2	529.3	.	557.2	.	488.3
France	273	254	528.0	508.3	475.7	470.5	390.5	473.2	.	489.8
Georgia	188	186	476.2	460.1	439.7	394.5	.	438.4	.	453.1
Germany	226	199	553.9	543.2	528.4	490.0	475.8	534.0	.	482.9
Hong Kong SAR	148	140	568.2	569.1	546.6	524.6	.	549.3	.	562.4
Hungary	244	238	555.5	574.0	537.8	472.4	472.4	588.9	.	501.1
Indonesia	293	291	423.6	398.2	393.6	355.1	.	.	.	397.2
Iran, Islamic Rep. of	291	289	461.4	424.6	416.5	368.1	297.1	.	.	470.1
Ireland	214	213	549.8	530.6	516.6	469.6	.	.	.	495.3
Italy	257	237	530.6	520.1	514.4	493.8	.	520.4	.	511.3
Japan	157	155	625.2	580.0	567.2	558.8	551.7	545.1	.	548.0
Kazakhstan	239	232	554.0	552.1	547.1	570.3	.	529.8	.	493.6
Korea, Rep. of	182	181	601.8	594.0	578.9	570.9	560.9	594.1	.	.
Kuwait	294	273	346.9	341.5	336.6	299.0	243.2	323.0	.	380.9
Lithuania	291	284	553.7	536.9	518.6	484.4	519.2	492.7	.	511.5
Morocco	367	348	436.0	389.3	350.0	330.5	285.8	338.3	.	348.3
Netherlands	223	169	505.3	540.0	512.9	477.0	.	516.1	.	512.7
New Zealand	461	440	524.5	519.7	475.6	466.6	.	483.8	.	461.7
Northern Ireland	154	129	534.3	521.0	505.1	.	.	514.8	.	532.7
Norway	227	195	537.5	544.4	533.5	514.1	.	527.0	.	562.5
Oman	357	336	452.5	427.4	428.9	435.8	362.4	395.6	.	435.2
Poland	254	250	.	555.2	542.2	545.1	496.3	.	.	565.9
Portugal	322	305	525.0	518.4	506.8	472.0	436.6	502.5	.	509.4
Qatar	227	222	444.9	455.8	407.4	397.4	.	.	.	424.9
Russian Federation	217	217	600.3	577.4	566.2	501.9	.	.	.	.
Saudi Arabia	189	183	378.6	404.0	394.4	351.0	347.4	351.8	.	311.9
Serbia	192	188	550.4	533.9	515.6	498.8	.	506.9	.	517.2
Singapore	358	352	660.9	609.6	580.5	526.9	519.8	598.2	.	529.9
Slovak Republic	328	324	553.8	544.1	521.7	486.7	410.5	567.2	.	503.9
Slovenia	256	241	565.0	551.2	539.5	547.6	.	533.3	.	506.8
Spain	393	367	533.0	529.3	507.7	463.2	372.6	519.3	.	521.5
Sweden	212	203	553.8	553.1	534.1	471.1	.	539.8	.	536.2
Turkey	251	248	538.1	504.1	474.5	444.1	520.9	.	.	459.8
United Arab Emirates	840	753	503.4	472.1	422.5	351.1	298.2	418.1	.	463.8
United States	492	436	574.8	556.6	537.7	500.2	456.5	547.0	.	593.8
International Avg (n=47)	13512	12756	526.7	517.7	498.7	472.2	424.5	501.3	.	491.3
Buenos Aires, Argentina	291	129	432.9	437.9	408.0	345.2	364.4	416.5	.	398.9
Ontario, Canada	275	249	513.4	542.5	526.2	522.7	437.7	512.1	.	530.0
Quebec, Canada	151	142	517.8	529.2	519.1	502.4	.	534.7	.	515.4
Norway (4)	223	197	482.2	499.2	489.2	486.9	418.8	491.1	.	495.5
Abu Dhabi, UAE	212	177	493.9	444.4	387.7	332.9	298.2	398.9	.	459.2
Dubai, UAE	290	271	569.2	527.4	479.2	420.3	.	499.2	.	560.4
Florida, US	120	93	595.4	568.1	537.5	510.6	488.2	542.1	.	499.0



Question: How would you characterize each of the following within your school? Students' respect for classmates who excel in school  
Location: TQG-06m (ATBG06M)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	484	440	21.0	54.3	22.8	1.8	0.0	5.7	0.0	0.4
Bahrain	345	336	19.4	46.9	26.2	5.9	1.6	1.9	0.0	1.4
Belgium (Flemish)	295	289	6.1	53.9	39.9	0.1	0.0	1.2	0.0	0.5
Bulgaria	233	226	8.7	48.6	39.3	1.5	1.9	0.0	0.0	2.7
Canada	699	642	25.3	48.7	23.4	2.1	0.4	5.5	0.0	2.1
Chile	180	158	18.9	41.6	32.7	5.5	1.2	6.9	0.0	5.2
Chinese Taipei	178	173	8.7	57.9	32.0	1.4	0.0	0.0	0.0	2.2
Croatia	223	220	25.9	55.5	16.9	1.7	0.0	1.5	0.0	0.0
Cyprus	242	238	8.6	44.6	41.1	5.2	0.5	1.1	0.0	0.3
Czech Republic	265	262	3.9	43.2	44.4	8.5	0.0	0.8	0.0	0.3
Denmark	196	165	8.8	41.4	44.1	5.3	0.5	11.8	0.0	2.1
England	214	194	31.0	47.6	19.6	1.2	0.6	5.1	0.0	0.0
Finland	341	329	10.1	61.3	28.2	0.5	0.0	4.3	0.0	0.0
France	273	260	14.7	55.9	26.0	3.0	0.3	4.0	0.0	0.5
Georgia	188	186	18.5	61.6	19.9	0.0	0.0	0.7	0.0	0.3
Germany	226	198	8.5	66.1	22.1	3.3	0.0	10.8	0.0	0.7
Hong Kong SAR	148	140	9.2	62.2	27.4	1.2	0.0	1.1	0.0	2.8
Hungary	244	238	5.1	46.4	39.6	8.6	0.3	1.1	0.0	1.5
Indonesia	293	291	23.7	54.0	20.6	1.7	0.0	0.0	0.0	1.0
Iran, Islamic Rep. of	291	290	18.8	54.3	24.9	1.5	0.4	0.0	0.0	0.6
Ireland	214	213	29.8	55.7	12.5	2.1	0.0	0.0	0.0	0.6
Italy	257	237	5.5	51.9	40.1	2.5	0.0	4.6	0.0	2.8
Japan	157	155	6.9	36.9	48.3	7.2	0.7	0.3	0.0	0.4
Kazakhstan	239	233	30.4	62.9	6.7	0.0	0.0	0.5	0.0	2.1
Korea, Rep. of	182	181	26.2	51.3	20.6	2.0	0.0	0.6	0.0	0.0
Kuwait	294	272	7.8	47.1	35.8	7.0	2.3	7.6	0.0	3.0
Lithuania	291	285	29.5	58.5	10.5	0.0	1.5	1.1	0.0	0.0
Morocco	367	348	12.2	57.0	23.4	5.7	1.7	4.4	0.0	0.8
Netherlands	223	171	2.7	55.7	41.5	0.0	0.0	21.4	0.0	0.0
New Zealand	461	440	20.2	60.6	17.0	2.3	0.0	2.2	0.0	1.9
Northern Ireland	154	130	36.9	51.1	12.0	0.0	0.0	17.4	0.0	0.5
Norway	227	196	7.1	61.6	29.7	1.7	0.0	11.9	0.0	0.5
Oman	357	338	25.8	49.8	20.8	3.6	0.0	0.4	0.0	4.6
Poland	254	249	2.5	46.3	44.0	6.7	0.5	0.0	0.0	2.6
Portugal	322	305	16.2	54.9	27.6	1.4	0.0	5.1	0.0	0.7
Qatar	227	222	33.1	43.5	22.2	0.9	0.3	0.0	0.0	3.3
Russian Federation	217	216	10.1	73.4	16.1	0.4	0.0	0.0	0.0	0.5
Saudi Arabia	189	184	13.6	53.4	28.2	4.4	0.4	0.5	0.0	2.1
Serbia	192	189	22.8	53.6	21.2	2.5	0.0	0.7	0.0	1.2
Singapore	358	352	7.7	56.3	33.5	2.6	0.0	1.5	0.0	0.3
Slovak Republic	328	325	4.3	40.0	46.2	8.3	1.2	0.7	0.0	0.4
Slovenia	256	242	6.4	38.1	51.2	4.2	0.0	5.4	0.0	0.2
Spain	393	367	14.7	62.5	20.6	2.2	0.0	4.1	0.0	2.5
Sweden	212	203	8.5	46.3	39.8	5.4	0.0	3.9	0.0	0.7
Turkey	251	249	16.9	52.5	25.5	5.1	0.0	0.0	0.0	0.4
United Arab Emirates	840	754	24.5	54.4	18.9	1.9	0.4	5.9	0.0	4.8
United States	492	436	12.6	55.7	28.0	3.6	0.1	12.7	0.0	0.3
International Avg (n=47)	13512	12767	15.5	52.7	28.4	3.1	0.4	3.8	0.0	1.3
Buenos Aires, Argentina	291	129	6.4	49.9	39.2	4.2	0.3	53.6	0.0	1.1
Ontario, Canada	275	247	14.4	51.9	31.6	2.2	0.0	6.3	0.0	3.5
Quebec, Canada	151	142	44.2	40.7	11.7	1.7	1.6	5.2	0.0	0.6
Norway (4)	223	196	17.0	53.3	27.4	2.2	0.0	10.1	0.0	0.2
Abu Dhabi, UAE	212	180	18.5	54.5	23.4	3.3	0.4	9.0	0.0	5.3
Dubai, UAE	290	271	26.2	58.0	15.1	0.7	0.0	2.8	0.0	3.4
Florida, US	120	93	17.1	41.6	33.5	7.8	0.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel in school  
Location: TQG-06m (ATBG06M)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	537.9	526.1	512.2	490.7	434.4	510.2	.	454.7
Bahrain	345	336	446.0	475.3	450.8	436.6	398.6	420.5	.	450.3
Belgium (Flemish)	295	289	526.6	514.5	505.4	539.7	.	500.5	.	516.6
Bulgaria	233	226	548.5	549.6	518.8	465.1	476.4	.	.	570.9
Canada	699	642	522.2	528.8	522.5	512.5	556.4	520.0	.	507.9
Chile	180	158	493.3	496.6	458.5	430.4	394.5	473.8	.	468.2
Chinese Taipei	178	173	550.1	555.8	556.4	561.3	.	.	.	542.1
Croatia	223	220	531.3	534.8	532.2	535.8	.	531.0	.	.
Cyprus	242	238	498.6	485.3	475.7	461.3	461.4	494.5	.	478.6
Czech Republic	265	262	545.4	538.6	531.9	519.0	.	542.1	.	556.0
Denmark	196	165	545.0	528.5	523.4	485.1	558.2	531.2	.	565.2
England	214	194	545.8	536.2	527.1	487.9	508.2	521.2	.	.
Finland	341	329	561.7	555.6	546.5	551.4	.	557.2	.	488.3
France	273	260	497.3	489.1	483.8	466.5	424.9	471.5	.	489.5
Georgia	188	186	470.7	445.4	451.7	.	.	438.4	.	453.1
Germany	226	198	539.9	529.7	525.5	484.9	.	534.0	.	486.9
Hong Kong SAR	148	140	564.5	559.0	551.3	485.0	.	549.3	.	562.4
Hungary	244	238	581.8	557.3	525.7	515.0	448.8	588.9	.	501.1
Indonesia	293	291	411.3	399.6	381.1	289.0	.	.	.	397.2
Iran, Islamic Rep. of	291	290	411.9	418.5	433.6	414.0	352.3	.	.	467.8
Ireland	214	213	535.6	529.0	519.5	494.2	.	.	.	495.3
Italy	257	237	511.3	516.6	517.0	515.8	.	520.4	.	511.3
Japan	157	155	574.0	573.7	565.5	566.4	561.5	545.1	.	548.0
Kazakhstan	239	233	559.5	543.7	583.2	.	.	529.8	.	482.2
Korea, Rep. of	182	181	596.6	590.4	577.9	581.8	.	594.1	.	.
Kuwait	294	272	307.2	351.1	337.7	276.6	318.2	323.0	.	382.5
Lithuania	291	285	541.5	526.2	504.1	.	507.8	492.7	.	374.7
Morocco	367	348	369.9	355.5	348.3	317.8	326.6	338.3	.	348.3
Netherlands	223	171	526.5	518.1	515.8	.	.	516.1	.	.
New Zealand	461	440	510.9	512.9	485.2	473.7	.	483.8	.	461.7
Northern Ireland	154	130	517.5	526.9	504.6	.	.	514.8	.	533.3
Norway	227	196	544.9	539.6	536.0	532.9	.	527.0	.	572.1
Oman	357	338	437.5	430.1	422.6	440.9	.	395.6	.	436.9
Poland	254	249	565.6	552.4	542.2	529.6	538.0	.	.	567.1
Portugal	322	305	523.7	512.3	492.3	492.4	.	502.5	.	510.3
Qatar	227	222	445.6	451.9	397.2	372.1	354.4	.	.	424.9
Russian Federation	217	216	570.8	570.5	552.2	435.3	.	.	.	602.5
Saudi Arabia	189	184	425.7	386.3	386.2	388.0	445.2	351.8	.	322.4
Serbia	192	189	531.4	526.7	513.4	507.3	.	506.9	.	535.9
Singapore	358	352	611.0	594.8	583.7	527.0	.	598.2	.	529.9
Slovak Republic	328	325	517.4	527.7	522.0	493.9	400.6	567.2	.	470.7
Slovenia	256	242	553.9	541.9	542.3	548.9	.	533.3	.	505.9
Spain	393	367	531.0	520.8	510.3	429.8	.	519.3	.	520.1
Sweden	212	203	551.0	544.8	534.7	525.3	.	539.8	.	536.2
Turkey	251	249	504.6	489.5	461.8	461.5	.	.	.	449.0
United Arab Emirates	840	754	483.5	450.0	431.4	360.8	344.0	418.1	.	467.0
United States	492	436	569.8	549.2	534.1	499.3	540.5	547.0	.	537.6
International Avg (n=47)	13512	12767	515.9	509.7	498.6	473.9	445.3	501.3	.	490.3
Buenos Aires, Argentina	291	129	427.1	427.8	408.8	414.2	453.6	416.5	.	399.9
Ontario, Canada	275	247	526.6	535.5	530.9	498.3	.	512.1	.	522.7
Quebec, Canada	151	142	523.8	521.7	521.3	570.4	556.4	534.7	.	515.4
Norway (4)	223	196	489.0	498.4	490.2	437.8	.	491.3	.	495.5
Abu Dhabi, UAE	212	180	427.9	415.6	407.0	328.9	312.4	398.9	.	475.4
Dubai, UAE	290	271	562.6	507.4	479.3	409.3	.	499.2	.	560.4
Florida, US	120	93	575.9	563.2	533.5	503.3	.	542.1	.	499.0

Question: How would you characterize each of the following within your school? Clarity of the school's educational objectives  
Location: TQG-06n (ATBG06N)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	17.8	56.3	25.1	0.7	0.2	5.7	0.0	0.4
Bahrain	345	335	41.7	44.8	11.4	2.1	0.0	1.9	0.0	2.7
Belgium (Flemish)	295	288	5.0	47.1	45.6	2.3	0.0	1.2	0.0	0.7
Bulgaria	233	227	20.9	58.4	19.2	1.5	0.0	0.0	0.0	2.3
Canada	699	643	25.4	52.1	21.1	1.4	0.0	5.5	0.0	1.9
Chile	180	157	20.5	44.7	30.3	4.5	0.0	6.9	0.0	6.2
Chinese Taipei	178	174	20.3	62.4	16.6	0.7	0.0	0.0	0.0	1.8
Croatia	223	220	25.3	60.1	12.5	2.1	0.0	1.5	0.0	0.0
Cyprus	242	237	27.0	60.5	12.1	0.4	0.0	1.1	0.0	0.9
Czech Republic	265	263	11.6	63.7	23.6	1.1	0.0	0.8	0.0	0.0
Denmark	196	163	3.5	34.2	53.7	8.6	0.0	11.8	0.0	3.1
England	214	194	28.1	53.9	17.3	0.2	0.5	5.1	0.0	0.0
Finland	341	329	13.3	60.4	25.1	0.8	0.4	4.3	0.0	0.0
France	273	249	9.3	46.0	41.4	2.4	0.8	4.5	0.0	3.8
Georgia	188	184	24.5	64.1	11.3	0.0	0.0	0.7	0.0	1.9
Germany	226	197	12.4	64.9	21.8	0.9	0.0	10.8	0.0	1.9
Hong Kong SAR	148	140	14.5	70.8	13.4	1.4	0.0	1.1	0.0	2.8
Hungary	244	237	6.9	57.7	35.0	0.4	0.0	1.1	0.0	1.8
Indonesia	293	289	27.7	55.1	16.9	0.2	0.0	0.0	0.0	2.1
Iran, Islamic Rep. of	291	273	23.4	54.1	21.0	0.5	1.0	0.0	0.0	7.5
Ireland	214	212	25.6	59.8	13.2	1.5	0.0	0.0	0.0	1.8
Italy	257	235	7.8	60.2	31.4	0.6	0.0	4.6	0.0	3.9
Japan	157	153	12.6	52.4	34.3	0.7	0.0	0.3	0.0	1.3
Kazakhstan	239	234	33.8	62.5	3.7	0.0	0.0	0.5	0.0	1.8
Korea, Rep. of	182	181	46.1	45.3	7.1	1.5	0.0	0.6	0.0	0.0
Kuwait	294	274	24.8	53.3	18.9	2.7	0.4	7.6	0.0	2.5
Lithuania	291	285	37.1	57.5	4.9	0.5	0.0	1.1	0.0	0.0
Morocco	367	347	11.8	43.5	34.5	8.4	1.8	4.4	0.0	1.1
Netherlands	223	171	3.5	52.6	43.7	0.2	0.0	21.4	0.0	0.0
New Zealand	461	438	16.1	59.9	21.4	2.4	0.2	2.2	0.0	2.6
Northern Ireland	154	130	38.0	55.7	6.3	0.0	0.0	17.4	0.0	0.5
Norway	227	196	6.0	61.6	30.0	2.4	0.0	11.9	0.0	0.5
Oman	357	334	47.6	39.9	10.2	2.0	0.2	0.4	0.0	6.0
Poland	254	248	20.8	69.4	9.8	0.0	0.0	0.0	0.0	3.0
Portugal	322	306	19.1	63.6	16.9	0.4	0.0	5.1	0.0	0.5
Qatar	227	221	50.1	40.7	9.2	0.0	0.0	0.0	0.0	3.7
Russian Federation	217	211	4.3	64.1	28.4	3.2	0.0	0.0	0.0	2.6
Saudi Arabia	189	183	24.4	55.7	16.8	1.5	1.7	0.5	0.0	3.5
Serbia	192	189	14.6	62.2	22.5	0.6	0.0	0.7	0.0	1.2
Singapore	358	351	6.3	67.3	24.2	1.6	0.6	1.5	0.0	0.7
Slovak Republic	328	325	8.9	60.9	28.9	1.3	0.0	0.7	0.0	0.4
Slovenia	256	238	10.4	60.6	26.1	3.0	0.0	5.4	0.0	1.8
Spain	393	365	18.5	61.4	19.3	0.7	0.0	4.1	0.0	2.6
Sweden	212	201	13.9	54.1	31.4	0.6	0.0	3.9	0.0	1.4
Turkey	251	248	15.5	57.0	25.8	1.3	0.3	0.0	0.0	1.0
United Arab Emirates	840	753	40.7	49.7	8.5	1.1	0.0	5.9	0.0	5.2
United States	492	436	24.2	54.7	18.2	2.3	0.6	12.7	0.0	0.3
International Avg (n=47)	13512	12704	20.5	56.1	21.7	1.5	0.2	3.8	0.0	2.0
Buenos Aires, Argentina	291	129	15.7	57.2	24.8	1.9	0.5	53.6	0.0	1.1
Ontario, Canada	275	247	18.0	55.7	25.3	1.0	0.0	6.3	0.0	3.3
Quebec, Canada	151	142	43.2	42.1	13.7	0.9	0.0	5.2	0.0	0.6
Norway (4)	223	196	11.6	62.2	24.4	1.7	0.0	10.1	0.0	0.2
Abu Dhabi, UAE	212	180	29.9	53.0	14.3	2.7	0.1	9.0	0.0	5.3
Dubai, UAE	290	270	38.7	51.5	9.2	0.5	0.0	2.8	0.0	3.8
Florida, US	120	93	25.4	52.3	18.4	3.9	0.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Clarity of the school's educational objectives  
 Location: TQG-06n (ATBG06N)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	535.4	521.2	525.8	509.0	514.0	510.2	.	454.7
Bahrain	345	335	460.9	460.4	451.8	421.3	.	420.5	.	486.5
Belgium (Flemish)	295	288	530.6	508.1	514.9	481.8	.	500.5	.	500.8
Bulgaria	233	227	557.5	532.2	519.6	541.8	.	.	.	557.1
Canada	699	643	521.3	528.3	524.0	482.8	.	520.0	.	528.7
Chile	180	157	488.8	479.9	480.2	430.6	.	473.8	.	456.0
Chinese Taipei	178	174	556.3	555.3	554.8	575.7	.	.	.	540.5
Croatia	223	220	532.9	534.3	527.6	550.8	.	531.0	.	.
Cyprus	242	237	488.3	479.2	477.6	454.4	.	494.5	.	461.1
Czech Republic	265	263	542.2	534.5	529.8	537.5	.	542.1	.	.
Denmark	196	163	511.0	533.2	524.8	508.7	.	531.2	.	544.9
England	214	194	536.3	542.6	517.3	584.4	550.2	521.2	.	.
Finland	341	329	553.5	553.1	556.8	524.1	511.5	557.2	.	488.3
France	273	249	497.3	488.3	488.3	463.0	479.2	473.2	.	478.0
Georgia	188	184	467.8	448.1	440.6	.	.	438.4	.	414.3
Germany	226	197	530.3	527.6	528.8	516.1	.	534.0	.	514.4
Hong Kong SAR	148	140	571.6	555.9	543.3	551.8	.	549.3	.	562.4
Hungary	244	237	548.7	546.1	535.9	494.1	.	588.9	.	486.6
Indonesia	293	289	401.9	402.5	369.8	398.6	.	.	.	391.8
Iran, Islamic Rep. of	291	273	419.8	416.5	422.3	483.4	460.6	.	.	442.4
Ireland	214	212	534.8	531.6	513.9	484.4	.	.	.	499.5
Italy	257	235	520.8	516.7	515.2	546.9	.	520.4	.	506.0
Japan	157	153	574.2	571.3	565.3	541.1	.	545.1	.	546.9
Kazakhstan	239	234	572.8	539.8	535.9	.	.	529.8	.	488.8
Korea, Rep. of	182	181	596.8	582.6	581.6	597.2	.	594.1	.	.
Kuwait	294	274	349.8	341.0	311.0	336.8	296.5	323.0	.	380.2
Lithuania	291	285	531.6	526.4	522.6	519.2	.	492.7	.	374.7
Morocco	367	347	366.8	366.5	337.1	327.0	359.3	338.3	.	341.7
Netherlands	223	171	526.7	513.8	521.0	514.2	.	516.1	.	.
New Zealand	461	438	515.3	507.9	501.1	465.2	534.0	483.8	.	481.7
Northern Ireland	154	130	520.4	521.1	519.8	.	.	514.8	.	533.3
Norway	227	196	546.3	541.4	533.0	526.4	.	527.0	.	572.1
Oman	357	334	440.3	422.3	423.3	412.9	338.5	395.6	.	438.6
Poland	254	248	546.9	546.4	546.6	.	.	.	.	569.0
Portugal	322	306	517.9	508.1	498.5	479.8	.	502.5	.	530.5
Qatar	227	221	440.3	427.5	459.2	.	.	.	.	420.7
Russian Federation	217	211	558.5	570.1	554.0	625.8	.	.	.	582.3
Saudi Arabia	189	183	413.0	390.7	366.1	426.0	323.2	351.8	.	366.4
Serbia	192	189	533.0	528.1	510.3	480.3	.	506.9	.	535.9
Singapore	358	351	597.8	593.1	585.6	561.7	544.2	598.2	.	534.6
Slovak Republic	328	325	516.5	524.5	514.8	477.8	.	567.2	.	470.7
Slovenia	256	238	549.9	542.1	541.7	542.5	.	533.3	.	559.1
Spain	393	365	528.1	518.0	507.9	514.4	.	519.3	.	528.1
Sweden	212	201	547.9	542.4	532.0	564.7	.	539.8	.	552.8
Turkey	251	248	507.7	483.1	471.7	444.3	402.9	.	.	497.2
United Arab Emirates	840	753	477.3	443.7	392.3	412.1	330.7	418.1	.	466.2
United States	492	436	555.8	544.8	536.9	538.6	505.6	547.0	.	571.2
International Avg (n=47)	13512	12704	513.6	506.2	498.6	496.4	439.3	501.3	.	491.8
Buenos Aires, Argentina	291	129	444.3	420.5	404.9	391.7	369.3	416.5	.	411.6
Ontario, Canada	275	247	525.1	536.2	527.0	512.5	.	512.1	.	531.3
Quebec, Canada	151	142	519.4	524.7	536.2	527.6	.	534.7	.	515.4
Norway (4)	223	196	493.5	496.9	488.8	418.8	.	491.3	.	495.5
Abu Dhabi, UAE	212	180	448.6	418.0	321.2	394.9	330.7	398.9	.	475.4
Dubai, UAE	290	270	541.6	498.0	521.5	502.7	.	499.2	.	553.1
Florida, US	120	93	561.2	549.3	544.4	533.4	.	542.1	.	499.0

Question: How would you characterize each of the following within your school? Collaboration between school leadership and teachers to plan instruction  
 Location: TQG-06o (ATBG06O)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	439	17.9	56.9	21.1	3.3	0.7	5.7	0.0	0.9
Bahrain	345	336	40.8	43.3	13.9	1.9	0.0	1.9	0.0	1.4
Belgium (Flemish)	295	287	6.8	35.3	36.3	16.1	5.4	1.2	0.0	2.0
Bulgaria	233	227	42.8	48.6	7.8	0.7	0.0	0.0	0.0	1.8
Canada	699	643	25.8	41.3	24.9	6.5	1.5	5.5	0.0	2.0
Chile	180	159	11.6	26.3	42.4	14.8	4.8	6.9	0.0	4.5
Chinese Taipei	178	174	17.6	51.6	26.5	4.3	0.0	0.0	0.0	1.8
Croatia	223	220	44.6	42.6	10.7	1.4	0.7	1.5	0.0	0.0
Cyprus	242	238	41.0	46.6	11.7	0.2	0.5	1.1	0.0	0.3
Czech Republic	265	263	24.1	55.3	17.9	2.7	0.0	0.8	0.0	0.0
Denmark	196	164	2.7	18.3	39.8	35.4	3.9	11.8	0.0	2.4
England	214	194	31.4	49.0	17.1	2.5	0.0	5.1	0.0	0.0
Finland	341	328	18.7	46.8	26.9	7.2	0.4	4.3	0.0	0.2
France	273	249	29.9	38.4	20.2	8.1	3.5	4.5	0.0	3.5
Georgia	188	184	37.5	53.4	8.6	0.6	0.0	0.7	0.0	0.9
Germany	226	194	14.9	44.7	30.4	7.0	3.0	10.8	0.0	3.1
Hong Kong SAR	148	139	13.6	59.9	21.8	4.7	0.0	1.1	0.0	3.5
Hungary	244	238	16.4	58.2	21.9	3.0	0.5	1.1	0.0	1.5
Indonesia	293	291	47.4	44.8	7.0	0.8	0.0	0.0	0.0	1.0
Iran, Islamic Rep. of	291	290	53.0	37.5	7.3	1.2	1.0	0.0	0.0	0.6
Ireland	214	212	30.3	50.1	16.4	2.4	0.8	0.0	0.0	0.9
Italy	257	236	13.5	47.7	35.8	3.0	0.0	4.6	0.0	3.4
Japan	157	154	14.3	48.6	37.1	0.0	0.0	0.3	0.0	0.9
Kazakhstan	239	234	44.3	51.3	4.4	0.0	0.0	0.5	0.0	1.8
Korea, Rep. of	182	181	41.9	40.8	11.4	3.9	2.1	0.6	0.0	0.0
Kuwait	294	274	36.3	45.2	12.3	5.0	1.2	7.6	0.0	2.5
Lithuania	291	284	40.2	53.7	4.1	1.5	0.5	1.1	0.0	0.1
Morocco	367	346	21.8	47.4	24.8	4.5	1.5	4.4	0.0	1.1
Netherlands	223	171	5.8	43.2	41.5	9.4	0.0	21.4	0.0	0.0
New Zealand	461	437	23.7	44.7	24.7	5.9	0.9	2.2	0.0	2.4
Northern Ireland	154	130	50.7	36.8	9.8	2.7	0.0	17.4	0.0	0.5
Norway	227	196	5.4	34.0	41.8	15.5	3.4	11.9	0.0	0.5
Oman	357	337	43.2	38.9	12.7	4.1	1.2	0.4	0.0	4.8
Poland	254	249	30.9	55.0	11.9	2.2	0.0	0.0	0.0	2.6
Portugal	322	305	21.6	54.1	21.6	1.8	0.9	5.1	0.0	0.9
Qatar	227	222	55.7	32.2	11.1	0.9	0.2	0.0	0.0	3.3
Russian Federation	217	216	19.5	69.6	10.5	0.5	0.0	0.0	0.0	0.5
Saudi Arabia	189	183	36.4	43.8	14.3	3.6	1.9	1.1	0.0	2.1
Serbia	192	189	31.9	49.7	13.3	3.9	1.2	0.7	0.0	1.2
Singapore	358	350	7.4	58.7	29.1	3.5	1.2	1.5	0.0	0.9
Slovak Republic	328	324	21.5	60.8	16.3	0.9	0.6	0.7	0.0	0.7
Slovenia	256	242	18.9	53.5	24.8	2.1	0.7	5.4	0.0	0.2
Spain	393	368	31.0	46.5	19.9	1.5	1.1	4.1	0.0	1.7
Sweden	212	201	6.4	16.1	49.9	21.6	6.1	3.9	0.0	1.4
Turkey	251	249	25.6	54.6	17.9	1.7	0.3	0.0	0.0	0.4
United Arab Emirates	840	754	37.2	46.8	12.7	2.9	0.5	5.9	0.0	4.9
United States	492	436	23.3	45.9	21.8	6.2	2.7	12.7	0.0	0.2
International Avg (n=47)	13512	12737	27.2	46.1	20.6	5.0	1.2	3.8	0.0	1.5
Buenos Aires, Argentina	291	130	19.8	52.5	24.9	2.3	0.5	53.6	0.0	0.8
Ontario, Canada	275	246	16.9	44.1	31.7	6.1	1.2	6.3	0.0	3.7
Quebec, Canada	151	142	42.5	33.3	14.9	6.7	2.6	5.2	0.0	0.6
Norway (4)	223	196	5.4	37.8	36.6	18.0	2.1	10.1	0.0	0.2
Abu Dhabi, UAE	212	178	28.2	43.0	23.1	5.0	0.8	9.0	0.0	6.0
Dubai, UAE	290	271	37.7	49.3	9.6	2.7	0.6	2.8	0.0	3.4
Florida, US	120	93	25.5	41.7	23.4	9.4	0.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Collaboration between school leadership and teachers to plan instruction  
 Location: TQG-06o (ATBG06O)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	439	530.7	521.4	528.1	518.6	527.6	510.2	.	523.0
Bahrain	345	336	460.8	461.6	449.3	469.0	.	420.5	.	450.3
Belgium (Flemish)	295	287	526.6	508.3	510.8	512.7	509.6	500.5	.	530.2
Bulgaria	233	227	545.3	528.9	534.1	388.3	.	.	.	554.8
Canada	699	643	518.2	526.9	528.5	523.9	538.3	520.0	.	526.9
Chile	180	159	477.6	489.5	476.9	470.5	463.5	473.8	.	464.4
Chinese Taipei	178	174	555.9	556.4	553.2	558.7	.	.	.	540.5
Croatia	223	220	530.9	532.9	545.6	520.9	575.3	531.0	.	.
Cyprus	242	238	480.2	483.0	477.6	451.5	481.0	494.5	.	478.6
Czech Republic	265	263	535.7	533.3	535.9	532.7	.	542.1	.	.
Denmark	196	164	519.5	527.1	522.3	531.7	511.5	531.2	.	544.4
England	214	194	540.1	534.9	535.7	531.9	.	521.2	.	.
Finland	341	328	551.2	554.8	555.8	549.2	493.4	557.2	.	529.1
France	273	249	485.2	488.9	493.4	483.4	479.9	473.2	.	491.3
Georgia	188	184	463.0	446.2	435.6	394.4	.	438.4	.	453.9
Germany	226	194	527.2	530.1	531.7	511.7	534.3	534.0	.	495.4
Hong Kong SAR	148	139	555.5	555.8	565.0	529.5	.	549.3	.	558.7
Hungary	244	238	540.2	539.5	550.8	531.2	590.1	588.9	.	501.1
Indonesia	293	291	395.7	404.0	366.4	302.5	.	.	.	397.2
Iran, Islamic Rep. of	291	290	416.2	423.2	437.5	406.4	460.6	.	.	467.8
Ireland	214	212	531.8	530.2	521.0	540.3	464.5	.	.	525.0
Italy	257	236	511.4	517.2	515.3	533.6	.	520.4	.	517.9
Japan	157	154	574.7	570.1	566.2	.	.	545.1	.	546.4
Kazakhstan	239	234	560.8	543.4	537.4	.	.	529.8	.	488.8
Korea, Rep. of	182	181	593.0	587.6	585.0	578.4	590.8	594.1	.	.
Kuwait	294	274	345.5	335.6	326.7	316.8	344.7	323.0	.	380.2
Lithuania	291	284	527.5	528.7	522.0	548.2	519.2	492.7	.	385.1
Morocco	367	346	378.0	355.1	321.7	363.5	406.2	338.3	.	346.2
Netherlands	223	171	524.1	514.7	520.5	512.1	.	516.1	.	.
New Zealand	461	437	505.2	508.5	505.9	506.4	513.3	483.8	.	466.4
Northern Ireland	154	130	518.6	525.8	516.6	506.9	.	514.8	.	533.3
Norway	227	196	553.7	544.2	534.2	533.3	542.8	527.0	.	572.1
Oman	357	337	436.7	423.9	430.2	444.2	397.9	395.6	.	438.0
Poland	254	249	544.6	549.7	537.9	553.3	.	.	.	562.1
Portugal	322	305	515.8	509.9	499.4	498.5	499.6	502.5	.	480.5
Qatar	227	222	427.8	441.1	462.6	517.3	385.8	.	.	424.9
Russian Federation	217	216	566.8	568.4	559.4	583.6	.	.	.	555.4
Saudi Arabia	189	183	403.8	396.1	373.4	328.5	328.5	374.4	.	322.4
Serbia	192	189	525.5	525.6	514.1	532.2	541.1	506.9	.	535.9
Singapore	358	350	597.4	593.4	586.4	567.3	601.9	598.2	.	538.5
Slovak Republic	328	324	512.9	523.5	526.1	406.4	456.8	567.2	.	508.4
Slovenia	256	242	542.5	541.7	546.5	547.5	549.2	533.3	.	505.9
Spain	393	368	521.1	520.3	511.0	516.2	473.9	519.3	.	518.1
Sweden	212	201	539.7	538.0	544.7	537.8	515.7	539.8	.	552.8
Turkey	251	249	496.1	482.9	470.6	462.4	402.9	.	.	449.0
United Arab Emirates	840	754	461.6	458.0	410.9	449.4	367.5	418.1	.	465.7
United States	492	436	550.1	548.4	541.1	534.9	526.4	547.0	.	538.6
International Avg (n=47)	13512	12737	509.0	507.0	502.6	491.9	487.3	501.9	.	492.0
Buenos Aires, Argentina	291	130	432.5	423.8	402.1	410.1	369.3	416.5	.	410.6
Ontario, Canada	275	246	523.6	533.1	532.6	538.1	538.2	512.1	.	529.0
Quebec, Canada	151	142	522.4	525.7	529.4	504.5	548.2	534.7	.	515.4
Norway (4)	223	196	493.8	497.2	492.5	488.3	473.2	491.3	.	495.5
Abu Dhabi, UAE	212	178	419.5	429.8	370.2	446.7	299.5	398.9	.	462.7
Dubai, UAE	290	271	528.5	509.5	518.2	505.7	431.2	499.2	.	560.4
Florida, US	120	93	557.6	549.3	558.9	518.7	.	542.1	.	499.0

Question: How would you characterize each of the following within your school? Amount of instructional support provided to teachers by school leadership  
 Location: TQG-06p (ATBG06P)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	15.5	55.3	22.8	5.9	0.5	5.7	0.0	0.4
Bahrain	345	336	40.7	36.8	19.7	2.4	0.4	1.9	0.0	1.4
Belgium (Flemish)	295	288	6.8	33.2	39.0	15.1	5.9	1.2	0.0	0.7
Bulgaria	233	227	46.9	44.5	7.5	1.1	0.0	0.0	0.0	2.2
Canada	699	642	27.3	39.5	25.6	6.7	1.0	5.5	0.0	2.1
Chile	180	157	8.3	30.0	36.4	17.2	8.0	6.9	0.0	5.7
Chinese Taipei	178	174	19.7	54.4	22.1	3.8	0.0	0.0	0.0	1.8
Croatia	223	220	41.8	45.6	10.9	0.9	0.7	1.5	0.0	0.0
Cyprus	242	238	42.0	44.9	11.2	1.4	0.5	1.1	0.0	0.3
Czech Republic	265	263	30.6	48.8	17.9	2.4	0.4	0.8	0.0	0.0
Denmark	196	163	1.7	10.9	44.0	32.0	11.5	11.8	0.0	2.9
England	214	194	24.3	39.6	29.8	4.9	1.4	5.1	0.0	0.0
Finland	341	328	6.0	43.7	40.9	8.9	0.4	4.3	0.0	0.2
France	273	251	30.0	35.4	22.5	8.8	3.4	4.0	0.0	3.3
Georgia	188	186	41.1	48.7	9.7	0.5	0.0	0.7	0.0	0.3
Germany	226	195	17.0	40.7	31.5	7.7	3.2	10.8	0.0	3.1
Hong Kong SAR	148	140	6.9	60.8	26.4	6.0	0.0	1.1	0.0	2.8
Hungary	244	238	17.1	54.2	23.4	4.8	0.5	1.1	0.0	1.5
Indonesia	293	290	37.8	49.1	12.8	0.3	0.0	0.0	0.0	1.5
Iran, Islamic Rep. of	291	289	50.5	37.0	10.3	1.3	0.9	0.0	0.0	0.9
Ireland	214	212	20.5	38.3	34.7	5.3	1.3	0.0	0.0	0.9
Italy	257	234	11.8	49.4	34.2	4.4	0.3	4.6	0.0	3.7
Japan	157	154	13.9	51.0	29.4	5.7	0.0	0.3	0.0	0.9
Kazakhstan	239	232	35.3	57.8	6.9	0.0	0.0	0.5	0.0	2.3
Korea, Rep. of	182	181	39.7	43.4	12.4	1.4	3.1	0.6	0.0	0.0
Kuwait	294	274	29.9	38.0	22.7	6.4	3.2	7.6	0.0	2.5
Lithuania	291	285	26.9	56.6	13.2	3.1	0.2	1.1	0.0	0.0
Morocco	367	347	15.6	40.1	30.7	10.4	3.2	4.4	0.0	1.1
Netherlands	223	169	4.4	49.4	38.5	7.6	0.0	21.4	0.0	0.9
New Zealand	461	438	17.0	45.6	30.3	6.5	0.7	2.2	0.0	2.3
Northern Ireland	154	130	34.2	39.3	19.0	7.5	0.0	17.4	0.0	0.5
Norway	227	196	10.8	47.1	31.0	10.6	0.5	11.9	0.0	0.5
Oman	357	336	33.7	46.3	16.4	3.1	0.5	0.4	0.0	5.3
Poland	254	242	26.1	49.0	19.4	4.5	1.0	0.0	0.0	4.8
Portugal	322	306	11.3	27.6	41.9	17.3	1.8	5.1	0.0	0.5
Qatar	227	220	47.8	35.9	15.2	1.1	0.0	0.0	0.0	4.2
Russian Federation	217	215	21.8	58.7	19.5	0.0	0.0	0.0	0.0	0.8
Saudi Arabia	189	182	30.4	46.3	18.2	4.4	0.6	0.5	0.0	2.7
Serbia	192	188	30.7	48.1	16.3	3.2	1.6	0.7	0.0	1.9
Singapore	358	350	8.7	57.4	30.2	2.9	0.8	1.5	0.0	0.9
Slovak Republic	328	325	25.6	57.5	16.1	0.9	0.0	0.7	0.0	0.4
Slovenia	256	242	23.7	47.5	27.1	1.7	0.0	5.4	0.0	0.2
Spain	393	365	32.6	46.4	19.0	1.2	0.7	4.1	0.0	2.8
Sweden	212	201	5.8	23.7	53.3	13.6	3.7	3.9	0.0	1.4
Turkey	251	249	23.0	51.9	19.5	4.9	0.7	0.0	0.0	0.4
United Arab Emirates	840	749	33.2	45.1	17.4	3.7	0.6	6.0	0.0	5.3
United States	492	436	19.3	45.8	26.8	6.2	2.0	12.7	0.0	0.1
International Avg (n=47)	13512	12717	24.4	44.6	23.9	5.7	1.4	3.8	0.0	1.7
Buenos Aires, Argentina	291	130	26.1	48.3	20.4	4.2	1.0	53.6	0.0	0.8
Ontario, Canada	275	245	14.4	43.3	33.3	8.4	0.6	6.3	0.0	3.9
Quebec, Canada	151	142	50.6	35.1	8.1	3.9	2.3	5.2	0.0	0.6
Norway (4)	223	196	10.5	37.9	39.6	9.4	2.6	10.1	0.0	0.2
Abu Dhabi, UAE	212	179	21.3	47.1	24.1	6.4	1.1	9.0	0.0	5.4
Dubai, UAE	290	268	32.8	46.2	18.7	1.7	0.6	3.0	0.0	3.8
Florida, US	120	93	25.0	40.7	26.1	8.3	0.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? Amount of instructional support provided to teachers by school leadership  
 Location: TQG-06p (ATBG06P)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	526.9	521.1	530.2	532.8	520.5	510.2	.	454.7
Bahrain	345	336	464.2	462.7	443.5	474.7	440.0	420.5	.	450.3
Belgium (Flemish)	295	288	508.5	518.1	507.9	510.5	507.4	500.5	.	503.0
Bulgaria	233	227	540.7	527.1	547.7	550.5	.	.	.	555.3
Canada	699	642	513.7	527.6	533.3	520.7	550.6	520.0	.	526.0
Chile	180	157	480.1	486.1	476.4	477.0	467.8	473.8	.	462.4
Chinese Taipei	178	174	557.1	555.3	556.5	546.2	.	.	.	540.5
Croatia	223	220	532.2	532.5	540.2	524.6	575.3	531.0	.	.
Cyprus	242	238	483.5	478.6	480.1	501.6	481.0	494.5	.	478.6
Czech Republic	265	263	539.6	530.6	535.2	533.7	539.2	542.1	.	.
Denmark	196	163	537.6	523.3	526.6	525.9	525.9	531.2	.	535.9
England	214	194	534.1	539.1	537.2	540.1	487.9	521.2	.	.
Finland	341	328	543.4	557.2	552.0	553.9	493.4	557.2	.	560.5
France	273	251	483.7	486.5	495.0	489.2	490.5	471.5	.	491.9
Georgia	188	186	464.3	444.4	434.7	394.4	.	438.4	.	453.1
Germany	226	195	532.2	530.2	530.3	495.2	537.7	534.0	.	518.6
Hong Kong SAR	148	140	570.8	556.2	560.3	525.6	.	549.3	.	562.4
Hungary	244	238	532.9	540.6	548.3	564.4	517.3	588.9	.	501.1
Indonesia	293	290	402.9	401.7	355.9	392.4	.	.	.	424.0
Iran, Islamic Rep. of	291	289	423.6	416.2	417.4	464.3	417.9	.	.	454.3
Ireland	214	212	529.4	530.5	529.7	517.5	500.3	.	.	525.0
Italy	257	234	507.5	517.9	516.2	523.3	557.4	520.4	.	512.3
Japan	157	154	574.9	569.0	567.4	568.6	.	545.1	.	546.4
Kazakhstan	239	232	552.5	552.6	525.3	.	.	529.8	.	506.9
Korea, Rep. of	182	181	594.6	585.8	586.8	588.5	579.9	594.1	.	.
Kuwait	294	274	349.2	339.3	325.7	338.9	278.6	323.0	.	380.2
Lithuania	291	285	528.5	527.4	527.3	546.3	469.8	492.7	.	374.7
Morocco	367	347	381.0	360.0	338.5	323.6	361.1	338.3	.	344.8
Netherlands	223	169	507.0	515.7	524.1	503.2	.	516.1	.	500.7
New Zealand	461	438	503.7	510.8	502.1	514.5	476.6	483.8	.	466.2
Northern Ireland	154	130	519.2	523.3	524.5	505.0	.	514.8	.	533.3
Norway	227	196	549.8	542.0	531.9	531.5	587.7	527.0	.	572.1
Oman	357	336	432.9	430.7	425.2	419.9	411.5	395.6	.	448.7
Poland	254	242	548.8	545.8	548.1	535.0	564.3	.	.	556.1
Portugal	322	306	514.1	514.8	506.0	500.3	501.4	502.5	.	530.5
Qatar	227	220	430.8	439.9	452.0	453.6	.	.	.	407.2
Russian Federation	217	215	564.6	567.5	568.9	.	.	.	.	574.8
Saudi Arabia	189	182	404.9	389.4	392.2	319.3	395.7	351.8	.	353.7
Serbia	192	188	528.4	525.2	508.8	540.7	530.4	506.9	.	551.3
Singapore	358	350	609.6	587.5	591.8	593.5	580.1	598.2	.	538.5
Slovak Republic	328	325	515.4	522.3	527.3	409.4	.	567.2	.	470.7
Slovenia	256	242	537.1	541.6	551.7	536.1	.	533.3	.	505.9
Spain	393	365	523.0	520.0	506.5	520.8	463.0	519.3	.	523.2
Sweden	212	201	525.9	542.5	541.1	536.7	542.9	539.8	.	552.8
Turkey	251	249	498.9	488.0	468.6	425.8	468.5	.	.	449.0
United Arab Emirates	840	749	470.5	453.7	426.7	429.2	339.8	417.5	.	460.4
United States	492	436	549.8	544.8	547.3	542.5	518.1	547.0	.	530.9
International Avg (n=47)	13512	12717	509.0	506.9	503.6	496.5	490.6	501.3	.	492.8
Buenos Aires, Argentina	291	130	435.8	419.8	402.5	401.7	406.3	416.5	.	410.6
Ontario, Canada	275	245	524.9	530.8	537.9	523.1	546.7	512.1	.	527.8
Quebec, Canada	151	142	520.3	527.6	524.5	519.3	555.4	534.7	.	515.4
Norway (4)	223	196	490.1	500.6	490.0	484.8	475.8	491.3	.	495.5
Abu Dhabi, UAE	212	179	428.9	427.5	376.2	407.0	280.4	398.9	.	475.1
Dubai, UAE	290	268	538.7	505.6	515.1	505.5	431.2	489.4	.	544.0
Florida, US	120	93	556.4	556.0	546.4	521.9	.	542.1	.	499.0



Question: How would you characterize each of the following within your school? School leadership's support for teachers' professional development  
 Location: TQG-06q (ATBG06Q)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	440	29.2	46.7	18.7	5.1	0.2	5.7	0.0	0.4
Bahrain	345	336	45.4	35.9	15.7	2.8	0.1	1.9	0.0	1.4
Belgium (Flemish)	295	288	12.6	37.4	39.7	5.4	4.9	1.2	0.0	0.7
Bulgaria	233	228	54.2	37.5	8.0	0.4	0.0	0.0	0.0	1.7
Canada	699	642	35.1	44.8	16.8	3.0	0.3	5.5	0.0	2.1
Chile	180	156	4.7	34.3	33.9	21.2	5.9	6.9	0.0	6.7
Chinese Taipei	178	174	19.5	53.5	22.6	4.5	0.0	0.0	0.0	1.8
Croatia	223	220	43.2	45.4	7.6	1.5	2.2	1.5	0.0	0.0
Cyprus	242	238	41.9	44.7	10.9	2.0	0.5	1.1	0.0	0.3
Czech Republic	265	263	36.3	44.5	17.9	1.4	0.0	0.8	0.0	0.0
Denmark	196	164	3.4	33.3	41.4	17.1	4.8	11.8	0.0	2.5
England	214	194	26.9	42.4	25.5	4.7	0.5	5.1	0.0	0.0
Finland	341	329	22.7	38.1	32.3	6.7	0.2	4.3	0.0	0.0
France	273	247	29.9	31.4	25.6	6.8	6.3	4.0	0.0	4.6
Georgia	188	186	41.3	50.2	8.0	0.5	0.0	0.7	0.0	0.3
Germany	226	193	27.0	49.0	19.5	2.7	1.8	10.8	0.0	3.2
Hong Kong SAR	148	140	17.4	57.6	23.2	1.8	0.0	1.1	0.0	2.8
Hungary	244	238	19.2	47.0	26.5	5.7	1.6	1.1	0.0	1.5
Indonesia	293	291	38.5	51.8	8.0	0.9	0.8	0.0	0.0	1.0
Iran, Islamic Rep. of	291	289	51.1	36.5	10.0	1.1	1.3	0.0	0.0	0.9
Ireland	214	212	30.6	42.5	21.0	5.5	0.4	0.0	0.0	0.9
Italy	257	237	16.6	47.7	31.5	3.9	0.3	4.6	0.0	2.8
Japan	157	154	14.1	50.8	31.9	3.2	0.0	0.3	0.0	0.9
Kazakhstan	239	234	37.9	55.2	7.0	0.0	0.0	0.5	0.0	1.8
Korea, Rep. of	182	181	41.2	40.8	12.8	3.3	2.0	0.6	0.0	0.0
Kuwait	294	274	30.5	37.5	21.5	6.5	4.0	7.6	0.0	2.5
Lithuania	291	284	36.3	47.3	13.4	2.9	0.1	1.1	0.0	0.1
Morocco	367	347	14.8	36.2	29.9	11.8	7.3	4.4	0.0	1.1
Netherlands	223	170	7.6	59.3	26.9	6.2	0.0	21.4	0.0	0.5
New Zealand	461	437	29.8	41.5	21.7	6.6	0.4	2.2	0.0	2.6
Northern Ireland	154	130	46.1	34.0	18.7	1.1	0.0	17.4	0.0	0.5
Norway	227	195	11.0	45.5	30.3	10.6	2.6	11.9	0.0	1.3
Oman	357	337	45.0	39.9	13.8	1.1	0.3	0.4	0.0	4.8
Poland	254	250	46.2	47.8	5.1	0.9	0.0	0.0	0.0	2.3
Portugal	322	305	13.8	47.2	34.5	3.5	1.0	5.1	0.0	0.6
Qatar	227	221	52.8	33.2	11.6	2.2	0.2	0.0	0.0	3.6
Russian Federation	217	215	26.7	60.2	12.6	0.5	0.0	0.0	0.0	0.8
Saudi Arabia	189	184	28.1	43.3	20.4	5.6	2.6	0.5	0.0	2.1
Serbia	192	187	33.1	44.2	20.5	0.9	1.3	0.7	0.0	2.5
Singapore	358	351	15.1	58.4	24.2	2.0	0.2	1.5	0.0	0.7
Slovak Republic	328	325	35.7	47.6	15.4	1.3	0.0	0.7	0.0	0.4
Slovenia	256	242	28.3	49.2	20.5	1.7	0.3	5.4	0.0	0.2
Spain	393	366	35.3	44.6	16.4	3.0	0.7	4.1	0.0	2.2
Sweden	212	201	6.8	39.1	40.1	11.5	2.5	3.9	0.0	1.4
Turkey	251	249	23.3	41.4	30.1	4.8	0.4	0.0	0.0	0.4
United Arab Emirates	840	755	40.3	39.8	15.7	3.1	1.1	5.9	0.0	4.9
United States	492	437	27.3	45.5	21.1	4.5	1.7	12.7	0.0	0.0
International Avg (n=47)	13512	12736	29.2	44.3	20.9	4.3	1.3	3.8	0.0	1.6
Buenos Aires, Argentina	291	130	25.1	49.0	21.0	4.0	1.0	53.6	0.0	0.8
Ontario, Canada	275	247	25.4	49.2	21.3	3.6	0.4	6.3	0.0	3.3
Quebec, Canada	151	142	50.8	34.7	11.8	2.6	0.1	5.2	0.0	0.6
Norway (4)	223	196	6.4	48.8	32.4	11.9	0.5	10.1	0.0	0.2
Abu Dhabi, UAE	212	180	30.0	43.7	21.5	3.4	1.5	9.0	0.0	5.3
Dubai, UAE	290	271	44.4	34.1	17.4	3.3	0.7	2.8	0.0	3.4
Florida, US	120	93	33.5	38.8	23.6	4.1	0.0	20.6	0.0	0.9

Question: How would you characterize each of the following within your school? School leadership's support for teachers' professional development  
 Location: TQG-06q (ATBG06Q)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	440	528.8	523.6	516.5	544.1	492.5	510.2	.	454.7
Bahrain	345	336	463.6	462.5	443.9	451.5	419.7	420.5	.	450.3
Belgium (Flemish)	295	288	511.4	512.9	511.5	506.9	510.2	500.5	.	503.0
Bulgaria	233	228	534.7	531.7	557.8	540.9	.	.	.	551.1
Canada	699	642	517.8	527.3	533.3	543.5	526.2	520.0	.	508.2
Chile	180	156	484.9	488.3	473.7	474.6	464.1	473.8	.	466.7
Chinese Taipei	178	174	555.2	554.8	558.8	549.2	.	.	.	540.5
Croatia	223	220	531.8	530.6	551.6	548.5	553.6	531.0	.	.
Cyprus	242	238	484.7	477.8	481.8	479.1	481.0	494.5	.	478.6
Czech Republic	265	263	540.9	531.5	526.7	552.1	.	542.1	.	.
Denmark	196	164	525.2	528.6	522.7	532.1	514.5	531.2	.	543.8
England	214	194	537.1	537.2	538.5	517.0	550.2	521.2	.	.
Finland	341	329	553.7	551.8	555.7	554.0	564.1	557.2	.	488.3
France	273	247	484.5	481.9	497.5	491.4	485.8	471.5	.	498.2
Georgia	188	186	464.1	442.5	444.8	394.4	.	438.4	.	453.1
Germany	226	193	526.0	530.8	528.5	526.2	512.1	534.0	.	506.1
Hong Kong SAR	148	140	577.4	551.3	553.5	557.6	.	549.3	.	562.4
Hungary	244	238	528.1	535.5	556.0	567.0	582.4	588.9	.	501.1
Indonesia	293	291	403.5	397.1	373.3	364.6	302.5	.	.	397.2
Iran, Islamic Rep. of	291	289	425.2	413.6	418.2	465.7	426.2	.	.	454.3
Ireland	214	212	529.8	530.1	527.4	517.9	572.5	.	.	525.0
Italy	257	237	511.4	518.1	514.9	527.2	557.4	520.4	.	511.3
Japan	157	154	571.0	569.6	569.1	559.4	.	545.1	.	546.4
Kazakhstan	239	234	559.3	544.4	555.1	.	.	529.8	.	488.8
Korea, Rep. of	182	181	592.1	589.3	582.2	593.8	570.1	594.1	.	.
Kuwait	294	274	346.6	341.7	326.7	339.2	278.0	323.0	.	380.2
Lithuania	291	284	534.4	522.4	527.6	548.3	442.5	492.7	.	456.3
Morocco	367	347	362.4	367.6	346.2	324.4	334.7	338.3	.	344.8
Netherlands	223	170	517.7	517.1	516.6	519.6	.	516.1	.	552.1
New Zealand	461	437	508.3	511.6	497.9	504.1	469.7	483.8	.	469.9
Northern Ireland	154	130	519.4	520.9	522.6	543.7	.	514.8	.	533.3
Norway	227	195	542.6	543.4	534.8	528.9	536.5	527.0	.	540.7
Oman	357	337	428.2	436.1	427.6	397.6	349.2	395.6	.	438.0
Poland	254	250	545.9	548.8	539.3	540.4	.	.	.	559.4
Portugal	322	305	514.5	511.6	502.7	497.8	491.7	502.5	.	525.0
Qatar	227	221	423.3	453.6	444.7	468.5	385.8	.	.	423.1
Russian Federation	217	215	567.7	568.7	558.1	583.6	.	.	.	574.8
Saudi Arabia	189	184	410.0	390.5	392.3	327.8	357.0	351.8	.	322.4
Serbia	192	187	528.3	527.6	508.8	544.3	543.9	506.9	.	536.9
Singapore	358	351	601.7	588.0	589.2	613.9	524.5	598.2	.	534.6
Slovak Republic	328	325	510.0	527.1	524.5	506.8	.	567.2	.	470.7
Slovenia	256	242	542.6	541.6	547.6	545.2	549.0	533.3	.	505.9
Spain	393	366	520.8	519.0	514.0	506.4	463.0	519.3	.	523.7
Sweden	212	201	525.8	542.9	539.8	536.7	553.2	539.8	.	552.8
Turkey	251	249	492.3	487.3	479.0	442.8	423.8	.	.	449.0
United Arab Emirates	840	755	468.2	439.4	444.1	450.8	502.4	418.1	.	462.5
United States	492	437	549.0	543.5	550.3	536.2	520.4	547.0	.	.
International Avg (n=47)	13512	12736	508.5	506.7	504.8	503.6	480.3	501.3	.	490.1
Buenos Aires, Argentina	291	130	435.8	418.9	402.5	418.0	406.3	416.5	.	410.6
Ontario, Canada	275	247	527.6	530.0	537.4	556.5	505.4	512.1	.	525.8
Quebec, Canada	151	142	521.2	524.7	527.2	552.7	558.8	534.7	.	515.4
Norway (4)	223	196	489.1	492.8	492.2	498.5	519.1	491.3	.	495.5
Abu Dhabi, UAE	212	180	420.8	413.4	394.4	400.3	514.3	398.9	.	475.4
Dubai, UAE	290	271	535.1	497.2	510.7	524.0	447.2	499.2	.	560.4
Florida, US	120	93	559.3	555.4	537.4	514.6	.	542.1	.	499.0

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. This school is located in a safe neighborhood  
 Location: TQG-07a (ATBG07A)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	78.4	15.1	5.4	1.1	5.7	0.0	1.5	531.7	510.1	479.2	480.7	510.2	.	485.5
Bahrain	345	340	76.6	20.0	2.5	1.0	1.9	0.0	0.0	459.5	464.5	440.1	409.2	420.5	.	.
Belgium (Flemish)	295	288	45.5	45.5	6.4	2.5	1.2	0.0	0.9	520.0	506.3	490.8	517.6	500.5	.	490.2
Bulgaria	233	230	64.6	28.3	6.3	0.8	0.0	0.0	0.9	547.1	523.5	488.6	409.0	.	.	547.3
Canada	699	653	69.0	23.7	6.0	1.4	5.5	0.0	0.9	533.9	514.8	481.2	439.1	520.0	.	541.8
Chile	180	160	49.4	20.4	15.5	14.8	6.9	0.0	3.3	493.7	479.5	459.1	447.9	473.8	.	460.2
Chinese Taipei	178	178	57.8	34.9	7.3	0.0	0.0	0.0	0.0	555.4	556.3	549.6	.	.	.	.
Croatia	223	220	66.9	31.5	1.0	0.6	1.5	0.0	0.0	535.3	529.8	530.1	525.9	531.0	.	.
Cyprus	242	237	73.3	18.2	7.5	0.9	1.1	0.0	0.9	483.7	485.0	452.7	436.6	494.5	.	477.7
Czech Republic	265	263	54.3	40.3	4.6	0.8	0.8	0.0	0.0	537.2	531.4	518.9	573.1	542.1	.	.
Denmark	196	168	74.2	15.7	5.6	4.4	11.8	0.0	0.3	530.7	517.4	512.2	509.7	531.2	.	470.9
England	214	194	65.3	21.8	11.1	1.7	5.1	0.0	0.0	544.5	529.6	511.6	488.8	521.2	.	.
Finland	341	328	53.3	40.6	6.1	0.0	4.3	0.0	0.1	557.5	550.9	538.7	.	557.2	.	542.0
France	273	262	54.8	32.5	9.1	3.6	4.0	0.0	0.1	501.0	483.2	449.9	426.8	471.5	.	588.3
Georgia	188	186	63.4	28.1	6.0	2.5	0.7	0.0	0.6	455.4	445.4	442.0	430.9	438.4	.	471.6
Germany	226	200	62.4	29.1	6.2	2.3	10.8	0.0	0.6	538.2	518.7	485.2	483.8	534.0	.	495.3
Hong Kong SAR	148	145	81.3	17.3	1.4	0.0	1.1	0.0	0.3	559.3	548.2	505.6	.	549.3	.	558.8
Hungary	244	237	70.6	23.9	4.6	0.9	1.1	0.0	1.8	548.3	529.8	506.7	556.2	588.9	.	510.1
Indonesia	293	293	81.1	13.9	5.1	0.0	0.0	0.0	0.0	398.9	389.7	379.9	.	.	.	.
Iran, Islamic Rep. of	291	291	59.7	29.7	6.2	4.4	0.0	0.0	0.0	428.6	418.8	395.2	369.1	.	.	.
Ireland	214	214	76.6	14.2	7.0	2.2	0.0	0.0	0.0	536.6	513.5	491.6	479.1	.	.	.
Italy	257	243	63.3	30.1	5.8	0.8	3.9	0.0	1.1	517.1	518.4	495.2	522.5	517.3	.	528.5
Japan	157	156	23.6	67.1	8.7	0.7	0.3	0.0	0.0	572.4	569.2	558.1	581.9	545.1	.	.
Kazakhstan	239	237	70.1	23.4	5.3	1.2	0.5	0.0	0.7	551.3	547.6	527.0	552.4	529.8	.	622.3
Korea, Rep. of	182	181	58.2	35.7	5.8	0.3	0.6	0.0	0.0	595.3	582.5	572.1	560.9	594.1	.	.
Kuwait	294	281	79.5	15.8	4.3	0.3	7.6	0.0	0.0	337.4	327.1	397.6	333.6	323.0	.	.
Lithuania	291	285	71.7	26.3	1.7	0.2	1.1	0.0	0.0	529.9	523.7	531.1	469.8	492.7	.	374.7
Morocco	367	351	47.8	31.2	13.6	7.4	4.4	0.0	0.0	367.5	329.6	363.6	335.6	338.3	.	616.0
Netherlands	223	171	60.8	28.4	9.6	1.1	21.4	0.0	0.0	525.9	513.4	489.9	393.7	516.1	.	.
New Zealand	461	443	66.5	23.0	9.5	1.0	2.2	0.0	0.9	524.1	483.7	445.9	409.7	483.8	.	489.3
Northern Ireland	154	130	74.2	16.0	8.4	1.4	17.4	0.0	0.5	526.7	514.8	488.9	465.2	514.8	.	533.3
Norway	227	196	80.9	15.8	2.8	0.5	11.9	0.0	0.5	542.8	523.0	524.5	473.4	527.0	.	572.1
Oman	357	351	79.5	16.0	4.0	0.5	0.4	0.0	0.9	429.3	435.8	441.7	474.5	395.6	.	435.5
Poland	254	251	73.1	25.8	1.1	0.0	0.0	0.0	1.1	550.1	542.5	493.3	.	.	.	514.2
Portugal	322	307	73.2	21.7	3.5	1.7	5.1	0.0	0.4	511.8	502.7	488.7	464.6	502.5	.	530.8
Qatar	227	227	88.1	11.2	0.3	0.3	0.0	0.0	0.0	440.1	407.9	423.8	390.2	.	.	.
Russian Federation	217	217	56.8	30.7	11.1	1.4	0.0	0.0	0.0	568.3	572.2	549.6	553.6	.	.	.
Saudi Arabia	189	187	68.9	21.3	8.3	1.5	0.5	0.0	0.6	394.4	388.5	361.7	381.6	351.8	.	448.8
Serbia	192	190	62.1	32.4	4.5	1.0	0.7	0.0	0.3	527.1	527.8	470.9	503.1	506.9	.	537.0
Singapore	358	352	82.5	15.1	2.0	0.3	1.5	0.0	0.3	595.5	573.4	547.0	397.0	598.2	.	529.9
Slovak Republic	328	327	74.1	22.4	3.5	0.0	0.7	0.0	0.0	519.3	527.0	493.5	.	567.2	.	.
Slovenia	256	241	57.1	41.7	1.1	0.1	5.4	0.0	0.3	543.1	543.2	547.6	537.9	533.3	.	525.8
Spain	393	376	75.4	17.7	5.5	1.5	4.1	0.0	0.1	526.7	503.6	471.1	429.6	519.3	.	547.7
Sweden	212	202	58.9	28.8	11.8	0.5	3.9	0.0	1.1	555.3	533.8	483.1	463.4	539.8	.	549.7
Turkey	251	250	54.7	34.1	7.9	3.3	0.0	0.0	0.5	496.9	472.8	451.3	437.3	.	.	535.7
United Arab Emirates	840	775	86.4	12.9	0.3	0.3	5.9	0.0	1.4	458.9	412.4	333.8	421.7	417.3	.	523.2
United States	492	436	70.9	17.4	9.1	2.6	12.7	0.0	0.0	557.9	531.8	493.1	491.5	547.0	.	505.7
International Avg (n=47)	13512	12885	66.7	25.7	6.0	1.6	3.7	0.0	0.5	511.9	499.0	479.9	464.1	501.2	.	517.5
Buenos Aires, Argentina	291	128	55.9	36.6	2.4	5.0	53.6	0.0	2.0	425.6	416.1	437.6	355.7	416.5	.	429.0
Ontario, Canada	275	253	72.0	22.3	5.1	0.6	6.3	0.0	1.9	536.5	523.7	495.8	505.1	512.1	.	541.8
Quebec, Canada	151	143	65.5	27.9	6.6	0.0	5.2	0.0	0.0	533.4	511.2	484.3	.	534.7	.	.
Norway (4)	223	197	79.2	15.9	4.9	0.0	9.9	0.0	0.4	495.9	489.8	461.6	.	491.1	.	477.1
Abu Dhabi, UAE	212	185	86.7	12.7	0.6	0.0	9.0	0.0	1.7	421.2	378.6	285.5	.	398.9	.	480.0
Dubai, UAE	290	275	91.0	7.9	0.0	1.1	2.5	0.0	1.9	522.5	463.1	.	421.7	498.1	.	605.0
Florida, US	120	93	62.1	22.7	9.9	5.3	20.6	0.0	0.9	563.7	531.9	534.5	510.8	542.1	.	499.0

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-07b (ATBG07B)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	91.7	7.6	0.7	0.0	5.7	0.0	1.5	527.9	494.5	494.1	402.6	510.2	.	485.5
Bahrain	345	340	82.5	15.8	1.7	0.0	1.9	0.0	0.0	461.4	452.1	438.2	.	420.5	.	.
Belgium (Flemish)	295	290	80.8	17.1	2.2	0.0	1.2	0.0	0.3	516.8	493.2	463.9	.	500.5	.	525.6
Bulgaria	233	232	77.0	18.2	4.0	0.9	0.0	0.0	0.3	543.6	508.5	508.2	547.8	.	.	490.4
Canada	699	653	83.9	14.0	2.0	0.0	5.5	0.0	0.9	529.0	504.0	501.2	.	520.0	.	541.8
Chile	180	161	63.9	22.2	11.1	2.8	6.9	0.0	3.0	490.3	466.4	448.0	442.3	473.8	.	450.0
Chinese Taipei	178	178	63.5	31.9	4.5	0.0	0.0	0.0	0.0	553.4	558.2	561.4	.	.	.	.
Croatia	223	220	71.0	27.8	1.3	0.0	1.5	0.0	0.0	533.7	533.0	531.0	.	531.0	.	.
Cyprus	242	238	80.6	14.9	3.4	1.1	1.1	0.0	0.5	483.6	469.0	467.0	510.4	494.5	.	485.2
Czech Republic	265	263	69.1	30.9	0.0	0.0	0.8	0.0	0.0	537.7	526.9	.	.	542.1	.	.
Denmark	196	168	87.4	11.1	1.4	0.0	11.8	0.0	0.6	528.1	512.5	499.9	.	531.2	.	592.1
England	214	194	87.2	11.0	1.9	0.0	5.1	0.0	0.0	538.9	518.8	534.3	.	521.2	.	.
Finland	341	327	80.7	19.1	0.1	0.0	4.3	0.0	0.7	555.9	545.6	513.3	.	557.2	.	526.7
France	273	262	65.3	31.2	2.2	1.3	4.0	0.0	0.1	495.1	477.1	460.6	433.7	471.5	.	588.3
Georgia	188	186	75.3	20.2	3.2	1.3	0.7	0.0	0.6	455.4	439.6	448.8	421.6	438.4	.	418.4
Germany	226	201	73.9	24.5	1.6	0.0	10.8	0.0	0.0	535.1	509.3	475.0	.	534.0	.	.
Hong Kong SAR	148	145	82.2	16.7	1.1	0.0	1.1	0.0	0.3	560.4	538.6	546.0	.	549.3	.	558.8
Hungary	244	237	77.3	19.6	3.1	0.0	1.1	0.0	1.8	544.9	536.8	504.4	.	588.9	.	510.1
Indonesia	293	292	90.1	8.3	1.6	0.0	0.0	0.0	0.5	398.9	378.2	352.6	.	.	.	438.6
Iran, Islamic Rep. of	291	288	78.7	15.6	3.5	2.3	0.0	0.0	1.6	426.3	413.7	381.7	330.4	.	.	449.2
Ireland	214	214	89.6	8.0	2.0	0.4	0.0	0.0	0.0	531.9	507.0	475.3	546.4	.	.	.
Italy	257	243	64.4	28.3	5.6	1.7	3.9	0.0	1.1	516.8	519.3	490.4	531.9	517.3	.	528.5
Japan	157	156	35.1	54.0	10.0	0.8	0.3	0.0	0.0	571.0	567.9	568.4	577.2	545.1	.	.
Kazakhstan	239	238	78.2	20.7	0.6	0.4	0.5	0.0	0.0	554.2	534.2	500.0	546.2	529.8	.	.
Korea, Rep. of	182	181	64.6	32.5	2.3	0.6	0.6	0.0	0.0	592.3	585.9	556.4	573.6	594.1	.	.
Kuwait	294	281	80.6	15.4	3.7	0.3	7.6	0.0	0.0	343.9	322.6	283.1	333.6	323.0	.	.
Lithuania	291	285	69.6	28.8	0.3	1.3	1.1	0.0	0.0	526.6	532.2	470.6	528.5	492.7	.	374.7
Morocco	367	352	57.3	27.9	10.3	4.5	4.4	0.0	0.0	360.1	348.4	328.2	344.7	338.3	.	.
Netherlands	223	171	79.5	18.8	1.7	0.0	21.4	0.0	0.0	524.5	489.7	490.3	.	516.1	.	.
New Zealand	461	442	86.8	12.1	0.8	0.2	2.2	0.0	1.6	512.1	468.2	478.1	377.4	483.8	.	492.1
Northern Ireland	154	130	94.2	4.9	0.9	0.0	17.4	0.0	0.5	522.6	490.1	493.0	.	514.8	.	533.3
Norway	227	196	94.7	2.6	2.7	0.0	11.9	0.0	0.5	539.7	515.4	532.4	.	527.0	.	572.1
Oman	357	351	85.1	13.2	1.1	0.5	0.4	0.0	0.9	432.6	421.6	430.5	426.3	395.6	.	435.5
Poland	254	254	80.6	19.4	0.0	0.0	0.0	0.0	0.0	547.0	547.8	.	.	.	.	.
Portugal	322	306	80.0	16.9	2.9	0.1	5.1	0.0	0.6	511.0	500.9	478.2	436.6	502.5	.	528.6
Qatar	227	227	93.3	6.4	0.3	0.0	0.0	0.0	0.0	438.4	406.9	390.2	.	.	.	.
Russian Federation	217	217	69.6	28.0	2.4	0.0	0.0	0.0	0.0	565.9	574.3	522.8	.	.	.	.
Saudi Arabia	189	188	71.6	22.9	4.4	1.1	0.5	0.0	0.0	397.5	377.9	349.0	363.4	351.8	.	.
Serbia	192	190	73.2	22.7	3.4	0.7	0.7	0.0	0.3	528.1	524.5	447.9	536.4	506.9	.	537.0
Singapore	358	352	84.6	14.9	0.5	0.0	1.5	0.0	0.3	594.3	570.0	581.6	.	598.2	.	529.9
Slovak Republic	328	327	80.8	16.8	2.5	0.0	0.7	0.0	0.0	524.7	507.6	456.9	.	567.2	.	.
Slovenia	256	242	63.2	35.2	1.3	0.2	5.4	0.0	0.2	543.9	542.7	524.9	544.2	533.3	.	505.9
Spain	393	376	89.2	8.5	2.1	0.2	4.1	0.0	0.1	522.6	487.3	463.8	418.4	519.3	.	547.7
Sweden	212	202	74.3	24.3	1.5	0.0	3.9	0.0	1.1	548.3	516.1	520.0	.	539.8	.	549.7
Turkey	251	251	68.6	26.4	4.1	0.9	0.0	0.0	0.0	490.4	477.6	410.0	452.4	.	.	.
United Arab Emirates	840	782	85.2	13.5	1.0	0.4	5.7	0.0	0.9	459.1	421.7	322.2	344.3	417.5	.	562.1
United States	492	436	80.1	16.4	2.9	0.7	12.7	0.0	0.0	554.1	517.6	484.9	505.4	547.0	.	505.7
International Avg (n=47)	13512	12900	77.4	19.5	2.6	0.5	3.7	0.0	0.4	510.0	492.6	470.6	459.0	501.2	.	509.4
Buenos Aires, Argentina	291	130	82.7	13.7	2.7	0.8	53.6	0.0	1.0	425.4	392.7	362.0	395.8	416.5	.	441.0
Ontario, Canada	275	253	85.0	11.0	4.0	0.0	6.3	0.0	1.9	533.8	524.3	500.5	.	512.1	.	541.8
Quebec, Canada	151	143	81.8	18.2	0.0	0.0	5.2	0.0	0.0	527.5	507.8	.	.	534.7	.	.
Norway (4)	223	198	89.0	10.1	0.9	0.0	9.9	0.0	0.0	496.2	471.0	446.9	.	491.1	.	.
Abu Dhabi, UAE	212	186	82.2	15.6	1.5	0.7	9.0	0.0	1.3	419.4	409.9	298.9	303.4	398.9	.	484.1
Dubai, UAE	290	278	91.6	7.7	0.2	0.5	2.2	0.0	1.4	522.1	450.7	500.6	410.8	512.5	.	660.6
Florida, US	120	93	77.4	16.3	5.9	0.3	20.6	0.0	0.9	560.4	507.5	544.0	559.2	542.1	.	499.0

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-07c (ATBG07C)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	434	82.7	13.9	2.6	0.8	5.7	0.0	1.7	529.7	503.9	507.7	471.7	510.2	.	488.7
Bahrain	345	340	70.9	22.9	6.2	0.0	1.9	0.0	0.0	465.2	444.8	449.8	.	420.5	.	.
Belgium (Flemish)	295	289	60.4	33.3	6.1	0.2	1.2	0.0	0.4	516.8	505.2	495.4	492.2	500.5	.	519.9
Bulgaria	233	232	74.4	24.5	1.1	0.0	0.0	0.0	0.3	540.7	523.2	488.1	.	.	.	490.4
Canada	699	652	73.7	23.5	2.0	0.8	5.5	0.0	1.2	527.0	518.8	520.7	530.5	520.0	.	531.3
Chile	180	160	43.5	40.1	12.2	4.2	6.9	0.0	3.6	494.9	466.6	475.1	438.8	473.8	.	458.7
Chinese Taipei	178	178	51.9	43.7	4.4	0.0	0.0	0.0	0.0	553.5	556.3	566.7	.	.	.	.
Croatia	223	220	52.9	44.3	2.8	0.0	1.5	0.0	0.0	533.7	531.7	557.4	.	531.0	.	.
Cyprus	242	238	74.1	22.3	3.2	0.4	1.1	0.0	0.5	482.2	478.7	473.2	483.0	494.5	.	485.2
Czech Republic	265	263	59.9	37.3	2.8	0.0	0.8	0.0	0.0	536.7	531.2	525.6	.	542.1	.	.
Denmark	196	167	67.9	27.3	3.9	0.9	11.8	0.0	1.5	529.8	520.4	515.4	484.4	531.2	.	540.4
England	214	194	79.3	17.8	2.9	0.0	5.1	0.0	0.0	536.9	536.7	528.9	.	521.2	.	.
Finland	341	328	64.9	31.7	3.0	0.4	4.3	0.0	0.1	556.1	551.1	530.2	551.1	557.2	.	542.0
France	273	261	46.9	42.2	9.2	1.7	4.0	0.0	0.6	497.6	485.8	454.9	452.1	471.5	.	508.4
Georgia	188	184	71.8	25.8	1.1	1.3	0.7	0.0	1.2	454.6	443.4	450.2	421.6	438.4	.	459.7
Germany	226	199	62.5	31.8	5.5	0.2	10.8	0.0	0.9	531.4	523.3	516.9	458.0	534.0	.	519.0
Hong Kong SAR	148	145	74.8	22.8	1.6	0.9	1.1	0.0	0.3	560.6	546.1	528.2	542.6	549.3	.	558.8
Hungary	244	237	59.4	35.6	5.0	0.0	1.1	0.0	1.8	546.5	537.4	522.9	.	588.9	.	510.1
Indonesia	293	293	78.0	18.7	2.8	0.5	0.0	0.0	0.0	400.6	389.3	340.3	378.3	.	.	.
Iran, Islamic Rep. of	291	289	67.8	27.0	3.3	1.8	0.0	0.0	1.3	422.8	424.1	382.0	363.7	.	.	442.1
Ireland	214	214	77.8	14.6	6.3	1.4	0.0	0.0	0.0	530.6	519.2	540.1	480.8	.	.	.
Italy	257	240	47.5	40.4	11.0	1.2	3.9	0.0	2.2	519.7	511.6	519.1	521.3	517.3	.	518.0
Japan	157	156	11.2	69.6	18.3	0.9	0.3	0.0	0.0	573.5	569.1	566.5	563.1	545.1	.	.
Kazakhstan	239	238	63.8	36.0	0.2	0.0	0.5	0.0	0.0	554.1	541.5	588.3	.	529.8	.	.
Korea, Rep. of	182	181	58.0	40.5	1.4	0.0	0.6	0.0	0.0	592.4	585.2	578.0	.	594.1	.	.
Kuwait	294	280	65.5	25.3	7.9	1.2	7.6	0.0	0.4	343.8	329.5	310.8	406.3	323.0	.	346.8
Lithuania	291	285	62.7	35.1	0.8	1.4	1.1	0.0	0.0	525.1	533.6	527.9	525.2	492.7	.	374.7
Morocco	367	347	36.8	29.2	14.3	19.7	4.4	0.0	1.4	366.9	346.9	349.2	330.5	338.3	.	452.6
Netherlands	223	169	63.0	34.5	2.5	0.0	21.4	0.0	0.6	520.8	512.0	512.3	.	516.1	.	501.4
New Zealand	461	443	76.0	21.7	1.8	0.4	2.2	0.0	0.9	512.7	486.4	498.0	388.2	483.8	.	489.3
Northern Ireland	154	130	80.1	15.7	4.2	0.0	17.4	0.0	0.5	523.6	508.1	513.6	.	514.8	.	533.3
Norway	227	196	67.0	29.7	3.3	0.0	11.9	0.0	0.5	542.5	532.7	518.6	.	527.0	.	572.1
Oman	357	350	62.7	35.7	1.4	0.2	0.4	0.0	1.0	433.3	427.3	442.4	325.2	395.6	.	432.4
Poland	254	254	81.6	18.1	0.4	0.0	0.0	0.0	0.0	547.0	548.7	526.3	.	.	.	.
Portugal	322	307	69.0	26.5	3.7	0.8	5.1	0.0	0.4	510.8	505.2	493.9	454.9	502.5	.	530.8
Qatar	227	226	83.6	15.6	0.8	0.0	0.0	0.0	0.8	439.6	421.3	363.6	.	.	.	453.3
Russian Federation	217	215	74.5	24.4	0.6	0.5	0.0	0.0	0.8	569.9	561.6	537.0	583.6	.	.	505.3
Saudi Arabia	189	187	59.7	31.4	7.3	1.6	0.5	0.0	0.3	391.4	387.2	403.0	350.5	351.8	.	463.8
Serbia	192	190	64.2	28.7	6.4	0.8	0.7	0.0	0.3	527.4	527.8	481.8	524.8	506.9	.	537.0
Singapore	358	352	73.8	23.5	2.7	0.0	1.5	0.0	0.3	593.8	584.5	556.0	.	598.2	.	529.9
Slovak Republic	328	327	73.7	22.8	3.5	0.0	0.7	0.0	0.0	522.6	519.7	471.4	.	567.2	.	.
Slovenia	256	241	42.9	51.9	5.2	0.0	5.4	0.0	0.9	544.9	543.6	522.9	.	533.3	.	543.6
Spain	393	376	72.3	22.5	3.7	1.5	4.1	0.0	0.1	523.3	511.9	475.2	468.2	519.3	.	547.7
Sweden	212	202	53.5	43.2	3.3	0.0	3.9	0.0	1.1	550.3	531.4	488.1	.	539.8	.	549.7
Turkey	251	251	47.4	40.1	9.5	3.0	0.0	0.0	0.0	495.5	474.0	459.3	494.2	.	.	.
United Arab Emirates	840	780	73.1	23.4	3.0	0.5	5.8	0.0	1.4	464.7	416.6	444.4	324.5	417.8	.	529.7
United States	492	435	64.7	25.7	8.8	0.8	12.7	0.0	0.2	554.5	536.3	512.1	511.5	547.0	.	547.3
International Avg (n=47)	13512	12875	64.3	30.0	4.6	1.1	3.7	0.0	0.6	510.5	499.8	490.0	459.3	501.2	.	500.4
Buenos Aires, Argentina	291	129	68.9	28.5	1.8	0.9	53.6	0.0	1.5	424.9	407.2	359.9	395.8	416.5	.	445.2
Ontario, Canada	275	252	74.5	20.6	3.2	1.7	6.3	0.0	2.4	532.3	527.6	541.3	530.5	512.1	.	531.3
Quebec, Canada	151	143	69.1	30.6	0.2	0.0	5.2	0.0	0.0	525.5	520.5	528.5	.	534.7	.	.
Norway (4)	223	198	70.4	25.6	4.0	0.0	9.9	0.0	0.0	495.6	491.3	464.2	.	491.1	.	.
Abu Dhabi, UAE	212	184	64.2	30.4	4.0	1.4	9.0	0.0	2.8	421.1	399.6	455.5	309.0	398.9	.	476.7
Dubai, UAE	290	278	83.9	14.2	1.8	0.1	2.2	0.0	1.4	525.5	466.2	466.7	523.8	512.5	.	660.6
Florida, US	120	93	59.3	21.8	18.6	0.2	20.6	0.0	0.9	561.2	540.0	529.4	598.4	542.1	.	499.0

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-07d (ATBG07D)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	63.3	31.4	4.5	0.9	5.7	0.0	1.5	538.6	505.4	486.2	450.1	510.2	.	485.5
Bahrain	345	340	43.1	39.6	13.2	4.2	1.9	0.0	0.0	477.5	449.9	440.9	425.4	420.5	.	.
Belgium (Flemish)	295	290	23.1	62.5	13.8	0.6	1.2	0.0	0.3	521.9	513.5	488.6	448.8	500.5	.	525.6
Bulgaria	233	231	24.1	63.6	10.6	1.7	0.0	0.0	0.7	565.5	531.4	525.2	386.0	.	.	426.0
Canada	699	653	40.0	46.7	11.2	2.1	5.5	0.0	0.9	533.6	521.0	516.9	487.5	520.0	.	541.8
Chile	180	161	31.2	41.2	18.0	9.6	6.9	0.0	3.0	500.9	481.0	455.2	443.5	473.8	.	450.0
Chinese Taipei	178	178	19.5	63.4	14.5	2.5	0.0	0.0	0.0	554.0	555.6	553.9	565.6	.	.	.
Croatia	223	220	24.6	65.2	9.5	0.7	1.5	0.0	0.0	530.0	534.8	530.6	575.3	531.0	.	.
Cyprus	242	238	43.1	42.7	9.1	5.1	1.1	0.0	0.5	486.4	479.2	468.2	475.1	494.5	.	485.2
Czech Republic	265	263	14.5	70.7	14.3	0.4	0.8	0.0	0.0	545.7	533.6	527.2	500.5	542.1	.	.
Denmark	196	168	28.6	50.9	17.9	2.6	11.8	0.0	0.6	538.1	525.7	512.4	513.8	531.2	.	511.7
England	214	194	62.0	30.1	7.9	0.0	5.1	0.0	0.0	543.3	530.0	509.5	.	521.2	.	.
Finland	341	328	17.0	69.3	13.5	0.1	4.3	0.0	0.1	561.3	553.9	543.3	513.3	557.2	.	542.0
France	273	261	16.0	60.7	18.7	4.6	4.0	0.0	0.6	501.0	492.1	472.2	451.0	471.5	.	508.4
Georgia	188	186	41.5	55.2	3.3	0.0	0.7	0.0	0.6	460.0	445.0	455.0	.	438.4	.	418.4
Germany	226	200	23.3	62.7	13.1	0.9	10.8	0.0	0.4	547.0	528.0	497.5	493.1	534.0	.	465.8
Hong Kong SAR	148	145	44.8	41.3	13.4	0.6	1.1	0.0	0.3	567.0	553.2	533.8	525.9	549.3	.	558.8
Hungary	244	237	21.6	58.9	15.8	3.7	1.1	0.0	1.8	567.7	543.2	514.5	491.6	588.9	.	510.1
Indonesia	293	293	80.8	18.0	1.1	0.0	0.0	0.0	0.0	396.0	399.8	391.7	.	.	.	.
Iran, Islamic Rep. of	291	288	41.4	48.8	8.5	1.4	0.0	0.0	1.1	427.0	420.6	399.0	398.3	.	.	410.8
Ireland	214	214	75.9	18.9	3.2	2.0	0.0	0.0	0.0	535.7	511.5	504.1	473.1	.	.	.
Italy	257	244	28.3	60.3	10.6	0.8	3.9	0.0	0.6	519.3	516.6	509.2	488.6	517.3	.	530.0
Japan	157	156	6.5	69.0	22.5	2.0	0.3	0.0	0.0	573.6	571.5	561.5	557.9	545.1	.	.
Kazakhstan	239	237	61.5	37.6	0.7	0.2	0.5	0.0	0.2	551.2	548.0	528.9	506.0	529.8	.	502.3
Korea, Rep. of	182	181	36.9	52.6	9.2	1.3	0.6	0.0	0.0	593.8	589.8	569.8	578.2	594.1	.	.
Kuwait	294	279	30.4	43.3	17.8	8.5	7.6	0.0	0.5	354.3	333.6	342.1	304.2	323.0	.	237.5
Lithuania	291	285	25.5	67.6	6.6	0.2	1.1	0.0	0.0	537.0	526.7	510.9	469.8	492.7	.	374.7
Morocco	367	351	39.4	42.5	14.5	3.5	4.4	0.0	0.3	377.6	333.2	339.8	371.7	338.3	.	301.1
Netherlands	223	171	40.8	50.0	8.9	0.3	21.4	0.0	0.0	526.5	514.1	494.9	501.0	516.1	.	.
New Zealand	461	443	60.8	28.7	10.1	0.4	2.2	0.0	0.9	520.9	492.6	459.0	437.3	483.8	.	489.3
Northern Ireland	154	130	75.0	19.8	5.3	0.0	17.4	0.0	0.5	524.3	512.8	499.5	.	514.8	.	533.3
Norway	227	196	53.2	40.1	5.2	1.4	11.9	0.0	0.5	544.3	534.0	520.8	535.9	527.0	.	572.1
Oman	357	351	28.8	53.0	16.5	1.7	0.4	0.0	0.9	436.9	428.0	432.5	415.2	395.6	.	435.5
Poland	254	253	15.0	72.3	12.8	0.0	0.0	0.0	0.3	552.2	545.8	549.4	.	.	.	529.2
Portugal	322	307	29.2	57.0	11.6	2.2	5.1	0.0	0.4	519.1	506.7	495.8	468.2	502.5	.	530.8
Qatar	227	227	53.2	40.7	4.8	1.3	0.0	0.0	0.0	445.4	428.7	406.4	407.2	.	.	.
Russian Federation	217	217	29.1	64.4	6.5	0.0	0.0	0.0	0.0	568.0	568.7	548.6	.	.	.	.
Saudi Arabia	189	187	45.0	39.4	14.0	1.6	0.5	0.0	0.6	395.9	392.5	371.4	337.3	351.8	.	448.8
Serbia	192	189	30.0	56.4	13.6	0.0	0.7	0.0	0.7	526.1	523.8	524.9	.	506.9	.	528.2
Singapore	358	352	38.2	45.1	14.6	2.2	1.5	0.0	0.3	600.4	589.3	565.4	614.0	598.2	.	529.9
Slovak Republic	328	327	18.7	63.2	16.4	1.7	0.7	0.0	0.0	527.4	524.6	503.1	442.8	567.2	.	.
Slovenia	256	242	3.3	74.5	21.7	0.5	5.4	0.0	0.2	563.5	543.3	539.5	552.5	533.3	.	505.9
Spain	393	377	46.5	41.3	11.6	0.6	4.1	0.0	0.0	528.2	515.4	494.2	388.0	519.3	.	.
Sweden	212	202	20.8	66.7	12.5	0.0	3.9	0.0	1.1	556.6	541.5	505.1	.	539.8	.	549.7
Turkey	251	251	25.3	60.6	10.2	4.0	0.0	0.0	0.0	495.2	483.7	454.6	477.6	.	.	.
United Arab Emirates	840	778	37.5	47.2	12.6	2.7	5.8	0.0	1.1	489.5	440.0	418.0	312.3	417.8	.	525.8
United States	492	436	42.8	38.3	14.1	4.8	12.7	0.0	0.0	560.2	543.6	519.7	510.9	547.0	.	505.7
International Avg (n=47)	13512	12892	36.2	50.5	11.5	1.8	3.7	0.0	0.5	516.7	503.3	489.2	469.1	501.2	.	483.4
Buenos Aires, Argentina	291	128	52.4	41.6	3.6	2.4	53.6	0.0	1.9	433.0	411.1	348.2	336.6	416.5	.	437.1
Ontario, Canada	275	253	42.1	41.8	12.8	3.3	6.3	0.0	1.9	536.4	530.7	518.9	523.9	512.1	.	541.8
Quebec, Canada	151	143	22.4	65.1	12.4	0.1	5.2	0.0	0.0	534.7	520.2	524.5	496.8	534.7	.	.
Norway (4)	223	198	49.9	40.7	6.8	2.6	9.9	0.0	0.0	495.1	496.1	481.2	443.3	491.1	.	.
Abu Dhabi, UAE	212	186	23.6	55.4	15.1	6.0	9.0	0.0	1.3	437.4	422.7	400.2	298.2	398.9	.	484.1
Dubai, UAE	290	278	50.4	37.9	11.7	0.0	2.2	0.0	1.4	546.6	496.0	449.2	.	512.5	.	660.6
Florida, US	120	93	49.1	24.9	16.6	9.4	20.6	0.0	0.9	568.6	531.6	545.0	518.5	542.1	.	499.0

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-07e (ATBG07E)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	63.6	29.3	6.1	1.0	5.7	0.0	1.5	539.1	505.2	482.4	472.2	510.2	.	485.5
Bahrain	345	340	42.0	38.6	15.6	3.8	1.9	0.0	0.0	473.5	452.8	445.8	430.8	420.5	.	.
Belgium (Flemish)	295	289	28.2	61.5	9.7	0.6	1.2	0.0	0.5	525.2	509.8	490.8	406.2	500.5	.	502.9
Bulgaria	233	232	36.7	55.8	7.0	0.5	0.0	0.0	0.3	554.0	526.2	527.1	406.8	.	.	490.4
Canada	699	652	42.9	46.1	9.8	1.1	5.5	0.0	1.0	532.2	521.5	508.9	524.2	520.0	.	542.2
Chile	180	160	49.6	33.3	15.9	1.1	6.9	0.0	3.7	497.9	467.0	450.2	400.4	473.8	.	455.9
Chinese Taipei	178	178	25.6	58.3	15.4	0.7	0.0	0.0	0.0	556.3	554.0	559.1	537.8	.	.	.
Croatia	223	220	27.8	66.1	4.7	1.3	1.5	0.0	0.0	532.1	534.1	527.8	552.6	531.0	.	.
Cyprus	242	238	38.6	44.7	11.3	5.4	1.1	0.0	0.5	488.4	479.7	465.1	475.3	494.5	.	485.2
Czech Republic	265	263	21.7	70.1	8.2	0.0	0.8	0.0	0.0	542.5	532.8	525.4	.	542.1	.	.
Denmark	196	168	28.4	50.3	19.4	1.9	11.8	0.0	0.6	537.1	524.8	516.9	513.8	531.2	.	511.7
England	214	194	61.0	32.0	5.6	1.4	5.1	0.0	0.0	540.2	535.1	515.9	499.9	521.2	.	.
Finland	341	328	19.2	71.5	8.9	0.4	4.3	0.0	0.1	559.2	553.8	541.8	529.7	557.2	.	542.0
France	273	260	28.8	61.5	9.1	0.6	4.0	0.0	0.7	497.6	485.2	480.6	427.9	471.5	.	500.4
Georgia	188	187	49.8	49.4	0.8	0.0	0.7	0.0	0.0	459.2	443.3	455.3	.	438.4	.	.
Germany	226	199	23.8	64.2	11.6	0.4	10.8	0.0	1.0	542.9	526.2	507.1	517.0	534.0	.	517.7
Hong Kong SAR	148	145	43.6	48.4	7.4	0.6	1.1	0.0	0.3	562.9	554.8	534.2	525.9	549.3	.	558.8
Hungary	244	237	20.6	61.3	16.3	1.8	1.1	0.0	1.8	553.7	548.6	508.9	485.0	588.9	.	510.1
Indonesia	293	292	84.2	14.1	1.7	0.0	0.0	0.0	0.2	395.6	411.4	349.1	.	.	.	242.3
Iran, Islamic Rep. of	291	290	58.7	35.2	5.0	1.0	0.0	0.0	0.3	425.3	417.1	403.7	402.4	.	.	383.5
Ireland	214	212	75.4	19.4	3.5	1.7	0.0	0.0	0.7	534.8	517.0	497.1	469.6	.	.	521.8
Italy	257	244	43.6	48.9	6.6	0.8	3.9	0.0	1.0	517.8	516.4	507.7	488.6	517.3	.	538.2
Japan	157	156	1.7	76.5	21.8	0.0	0.3	0.0	0.0	558.1	571.2	562.5	.	545.1	.	.
Kazakhstan	239	238	78.7	21.3	0.0	0.0	0.5	0.0	0.0	551.4	543.3	.	.	529.8	.	.
Korea, Rep. of	182	181	38.2	55.8	5.3	0.7	0.6	0.0	0.0	592.7	587.2	587.4	581.8	594.1	.	.
Kuwait	294	281	39.6	42.8	14.3	3.3	7.6	0.0	0.0	349.2	335.7	321.6	316.1	323.0	.	.
Lithuania	291	285	33.0	62.2	4.0	0.8	1.1	0.0	0.0	531.1	525.6	547.4	505.2	492.7	.	374.7
Morocco	367	352	61.7	28.4	7.1	2.9	4.4	0.0	0.0	361.0	336.6	325.9	404.5	338.3	.	.
Netherlands	223	170	47.0	41.9	11.2	0.0	21.4	0.0	0.8	524.4	515.0	499.5	.	516.1	.	488.8
New Zealand	461	443	60.3	32.8	6.4	0.4	2.2	0.0	0.9	516.8	493.7	474.2	449.0	483.8	.	489.3
Northern Ireland	154	130	77.3	21.8	0.9	0.0	17.4	0.0	0.5	523.7	511.8	488.6	.	514.8	.	533.3
Norway	227	196	45.5	47.3	6.5	0.7	11.9	0.0	0.5	545.1	534.5	526.1	537.9	527.0	.	572.1
Oman	357	350	44.5	44.5	10.0	1.0	0.4	0.0	1.0	434.0	430.0	424.9	416.1	395.6	.	429.0
Poland	254	250	22.9	71.8	5.3	0.0	0.0	0.0	1.9	552.7	545.9	545.1	.	.	.	534.7
Portugal	322	307	51.0	42.7	5.7	0.6	5.1	0.0	0.4	514.2	503.8	495.2	441.6	502.5	.	530.8
Qatar	227	227	57.8	35.8	6.1	0.3	0.0	0.0	0.0	448.9	425.6	383.2	368.1	.	.	.
Russian Federation	217	215	42.7	54.6	2.7	0.0	0.0	0.0	0.9	569.1	564.8	573.7	.	.	.	608.0
Saudi Arabia	189	187	49.2	37.5	9.1	4.1	0.5	0.0	0.4	405.7	371.7	399.0	366.5	351.8	.	346.6
Serbia	192	188	32.2	55.6	12.2	0.0	0.7	0.0	1.5	527.5	523.9	522.7	.	506.9	.	504.6
Singapore	358	351	40.8	46.1	11.7	1.5	1.5	0.0	0.6	600.0	583.5	585.8	594.0	598.2	.	537.9
Slovak Republic	328	326	18.6	62.6	16.0	2.9	0.7	0.0	0.3	533.9	521.6	505.9	477.0	567.2	.	528.5
Slovenia	256	242	5.2	73.0	20.6	1.2	5.4	0.0	0.2	560.6	543.5	537.6	546.6	533.3	.	505.9
Spain	393	376	58.6	35.4	5.9	0.1	4.1	0.0	0.1	528.1	508.6	476.0	505.1	519.3	.	547.7
Sweden	212	202	17.0	71.7	10.8	0.5	3.9	0.0	1.1	557.6	540.8	506.7	564.8	539.8	.	549.7
Turkey	251	251	42.5	47.5	7.0	3.0	0.0	0.0	0.0	499.8	475.6	446.6	461.2	.	.	.
United Arab Emirates	840	780	46.7	42.0	8.5	2.8	5.7	0.0	1.4	480.6	433.9	410.5	376.1	417.5	.	533.7
United States	492	434	45.0	37.7	13.9	3.4	12.7	0.0	0.6	558.9	544.2	521.1	502.5	547.0	.	487.5
International Avg (n=47)	13512	12881	41.9	47.9	9.0	1.2	3.7	0.0	0.6	514.7	501.9	488.4	472.4	501.2	.	496.8
Buenos Aires, Argentina	291	128	62.5	33.4	4.1	0.0	53.6	0.0	1.7	428.9	407.8	340.8	.	416.5	.	449.0
Ontario, Canada	275	253	42.8	43.3	11.7	2.3	6.3	0.0	1.9	538.9	526.2	524.8	524.2	512.1	.	541.8
Quebec, Canada	151	143	28.9	66.3	4.8	0.0	5.2	0.0	0.0	526.8	522.9	521.6	.	534.7	.	.
Norway (4)	223	198	47.8	41.9	8.3	2.0	9.9	0.0	0.0	498.8	492.4	482.3	422.6	491.1	.	.
Abu Dhabi, UAE	212	185	29.4	55.7	8.5	6.4	9.0	0.0	2.5	427.8	419.3	365.0	373.4	398.9	.	487.9
Dubai, UAE	290	277	58.8	31.8	9.1	0.4	2.2	0.0	1.7	542.3	481.3	468.3	537.4	512.5	.	624.7
Florida, US	120	93	47.3	32.0	13.3	7.3	20.6	0.0	0.9	563.7	546.2	533.4	518.9	542.1	.	499.0

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-07f (ATBG07F)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	434	54.6	38.4	6.2	0.7	5.7	0.0	1.5	538.0	514.3	486.3	453.0	510.2	.	485.1
Bahrain	345	340	41.0	42.7	10.3	6.0	1.9	0.0	0.0	477.8	450.2	443.0	429.8	420.5	.	.
Belgium (Flemish)	295	288	12.3	63.9	22.1	1.7	1.2	0.0	2.0	522.5	515.4	495.7	465.3	500.5	.	541.1
Bulgaria	233	232	29.8	56.0	11.3	2.9	0.0	0.0	0.3	564.9	528.5	514.6	460.9	.	.	490.4
Canada	699	652	38.6	48.5	11.7	1.2	5.5	0.0	1.1	532.7	522.3	507.9	535.1	520.0	.	545.5
Chile	180	160	45.2	34.2	13.6	7.0	6.9	0.0	3.9	494.6	470.9	452.3	464.8	473.8	.	463.0
Chinese Taipei	178	178	18.1	56.4	24.0	1.5	0.0	0.0	0.0	555.7	555.3	554.7	557.7	.	.	.
Croatia	223	219	22.9	66.3	10.0	0.7	1.5	0.0	0.4	530.7	534.2	532.9	575.3	531.0	.	517.8
Cyprus	242	237	31.0	50.1	17.2	1.6	1.1	0.0	0.9	487.1	479.9	475.5	460.9	494.5	.	494.3
Czech Republic	265	263	12.0	69.0	18.3	0.7	0.8	0.0	0.0	536.7	536.1	526.6	522.4	542.1	.	.
Denmark	196	168	17.7	48.9	26.8	6.6	11.8	0.0	0.6	540.2	529.0	514.4	521.3	531.2	.	511.7
England	214	194	54.8	33.1	9.4	2.7	5.1	0.0	0.0	542.0	534.5	515.6	527.1	521.2	.	.
Finland	341	328	12.8	73.1	14.1	0.0	4.3	0.0	0.1	561.6	554.0	545.0	.	557.2	.	542.0
France	273	259	18.8	68.1	11.4	1.7	4.0	0.0	1.4	494.9	491.3	464.1	419.2	471.5	.	515.4
Georgia	188	187	30.8	60.1	9.2	0.0	0.7	0.0	0.0	446.3	454.5	447.3	.	438.4	.	.
Germany	226	199	13.8	66.0	18.4	1.7	10.8	0.0	1.0	541.6	531.9	507.0	491.3	534.0	.	517.7
Hong Kong SAR	148	145	42.2	43.7	12.9	1.2	1.1	0.0	0.3	564.2	553.8	542.1	547.3	549.3	.	558.8
Hungary	244	237	22.3	56.0	20.8	0.9	1.1	0.0	1.8	561.5	546.4	511.6	496.1	588.9	.	510.1
Indonesia	293	293	66.7	27.7	5.3	0.2	0.0	0.0	0.0	395.8	408.5	348.3	355.7	.	.	.
Iran, Islamic Rep. of	291	288	50.6	39.6	7.5	2.2	0.0	0.0	0.8	427.0	417.7	395.6	417.6	.	.	451.5
Ireland	214	214	73.1	22.9	3.6	0.4	0.0	0.0	0.0	535.5	514.8	492.9	437.1	.	.	.
Italy	257	245	31.5	60.8	6.5	1.2	3.9	0.0	0.6	514.0	518.4	511.8	499.9	517.3	.	530.6
Japan	157	156	4.9	64.5	30.6	0.0	0.3	0.0	0.0	564.8	572.2	563.1	.	545.1	.	.
Kazakhstan	239	238	64.0	34.4	1.6	0.0	0.5	0.0	0.0	551.4	546.2	556.2	.	529.8	.	.
Korea, Rep. of	182	181	26.8	54.6	16.8	1.9	0.6	0.0	0.0	594.0	588.2	586.2	582.8	594.1	.	.
Kuwait	294	281	23.8	46.9	22.9	6.5	7.6	0.0	0.0	366.5	332.4	333.6	295.4	323.0	.	397.4
Lithuania	291	284	33.0	59.3	7.2	0.5	1.1	0.0	0.1	529.3	527.0	533.4	519.2	492.7	.	395.2
Morocco	367	351	39.9	40.0	14.0	6.1	4.4	0.0	0.3	373.1	341.1	344.9	313.3	338.3	.	397.4
Netherlands	223	170	33.6	46.8	18.6	1.0	21.4	0.0	0.3	525.8	514.9	508.5	511.5	516.1	.	532.9
New Zealand	461	443	45.7	40.8	11.8	1.7	2.2	0.0	0.9	518.5	500.1	487.5	450.8	483.8	.	489.3
Northern Ireland	154	129	74.5	23.3	2.2	0.0	17.4	0.0	1.0	522.9	516.6	500.8	.	514.8	.	508.4
Norway	227	193	46.1	41.1	12.1	0.7	12.5	0.0	1.4	542.2	538.8	525.8	537.9	527.8	.	552.1
Oman	357	351	30.8	54.5	13.0	1.7	0.4	0.0	0.9	429.8	434.3	421.1	427.2	395.6	.	435.5
Poland	254	252	20.4	69.9	9.6	0.0	0.0	0.0	1.0	557.4	542.6	557.2	.	.	.	564.9
Portugal	322	307	36.1	55.0	7.8	1.1	5.1	0.0	0.4	517.1	505.9	495.2	430.1	502.5	.	530.8
Qatar	227	226	55.1	35.3	8.3	1.4	0.0	0.0	0.2	446.6	431.8	391.7	407.2	.	.	432.5
Russian Federation	217	216	24.7	65.3	10.0	0.0	0.0	0.0	0.3	569.1	568.2	554.2	.	.	.	626.4
Saudi Arabia	189	187	37.3	44.0	10.5	8.2	0.5	0.0	0.6	407.3	384.4	377.9	365.8	351.8	.	351.9
Serbia	192	189	25.6	56.8	14.3	3.3	0.7	0.0	0.7	526.2	523.3	527.0	525.3	506.9	.	528.2
Singapore	358	352	40.4	46.4	11.2	2.0	1.5	0.0	0.3	599.1	587.5	575.1	577.0	598.2	.	529.9
Slovak Republic	328	327	13.2	55.3	25.1	6.4	0.7	0.0	0.0	536.4	525.0	512.0	476.7	567.2	.	.
Slovenia	256	242	5.3	70.6	23.4	0.8	5.4	0.0	0.2	560.0	542.7	540.0	568.6	533.3	.	505.9
Spain	393	377	56.7	37.3	5.3	0.7	4.1	0.0	0.0	523.5	517.8	471.9	450.3	519.3	.	.
Sweden	212	201	17.2	60.0	20.9	1.9	3.9	0.0	1.7	556.1	544.6	523.2	452.1	539.8	.	531.9
Turkey	251	251	25.1	49.2	18.6	7.1	0.0	0.0	0.0	491.7	491.8	462.1	451.4	.	.	.
United Arab Emirates	840	776	40.0	45.8	11.7	2.5	5.8	0.0	1.5	493.8	428.4	418.2	392.0	417.8	.	504.0
United States	492	436	44.1	39.0	12.0	4.9	12.7	0.0	0.0	560.5	542.7	523.9	491.4	547.0	.	505.7
International Avg (n=47)	13512	12876	34.1	50.3	13.4	2.2	3.8	0.0	0.6	515.5	504.5	491.0	471.6	501.2	.	503.0
Buenos Aires, Argentina	291	129	54.0	39.1	5.4	1.5	53.6	0.0	1.5	426.4	416.1	372.1	363.5	416.5	.	445.2
Ontario, Canada	275	252	37.0	46.2	14.3	2.4	6.3	0.0	2.3	537.2	529.8	520.0	535.1	512.1	.	545.5
Quebec, Canada	151	143	28.5	63.7	7.8	0.0	5.2	0.0	0.0	535.4	518.1	529.9	.	534.7	.	.
Norway (4)	223	198	50.7	40.1	7.2	2.0	9.9	0.0	0.0	497.3	492.8	486.8	422.6	491.1	.	.
Abu Dhabi, UAE	212	183	22.9	55.7	16.0	5.4	9.0	0.0	2.4	448.4	415.7	381.4	371.1	398.9	.	452.2
Dubai, UAE	290	277	54.8	33.0	11.9	0.3	2.2	0.0	1.7	545.0	475.2	493.6	509.5	512.5	.	645.5
Florida, US	120	93	41.4	32.2	19.8	6.5	20.6	0.0	0.9	562.9	550.1	536.3	521.2	542.1	.	499.0



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-07g (ATBG07G)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	78.6	18.6	1.9	1.0	5.7	0.0	1.5	527.1	520.5	507.5	480.4	510.2	.	485.5
Bahrain	345	340	63.8	22.2	10.9	3.1	1.9	0.0	0.0	466.6	448.7	444.0	447.4	420.5	.	.
Belgium (Flemish)	295	290	53.0	40.3	6.6	0.1	1.2	0.0	0.3	512.6	511.6	503.5	539.7	500.5	.	525.6
Bulgaria	233	232	77.2	21.6	1.2	0.0	0.0	0.0	0.3	539.7	523.1	515.5	.	.	.	490.4
Canada	699	652	60.0	30.0	8.2	1.8	5.5	0.0	1.0	522.5	527.5	530.6	536.2	520.0	.	540.7
Chile	180	161	55.5	32.3	9.5	2.7	6.9	0.0	3.0	485.6	473.2	473.8	428.5	473.8	.	450.0
Chinese Taipei	178	178	52.5	42.5	5.0	0.0	0.0	0.0	0.0	553.7	556.2	564.2	.	.	.	.
Croatia	223	220	55.3	41.2	3.6	0.0	1.5	0.0	0.0	530.2	536.5	549.4	.	531.0	.	.
Cyprus	242	238	66.1	26.4	7.3	0.2	1.1	0.0	0.5	484.3	474.1	478.4	451.5	494.5	.	485.2
Czech Republic	265	262	74.6	24.1	1.2	0.0	0.8	0.0	0.3	535.3	530.7	547.3	.	542.1	.	518.9
Denmark	196	169	37.6	40.6	17.2	4.7	11.8	0.0	0.0	531.9	522.1	524.3	529.4	531.2	.	.
England	214	194	79.6	16.7	2.4	1.4	5.1	0.0	0.0	537.6	537.0	523.8	498.6	521.2	.	.
Finland	341	328	51.2	44.6	3.3	0.9	4.3	0.0	0.1	554.3	554.7	539.0	520.7	557.2	.	542.0
France	273	262	47.9	47.7	4.0	0.4	4.0	0.0	0.1	487.4	490.4	467.3	461.6	471.5	.	588.3
Georgia	188	187	66.4	32.0	1.6	0.0	0.7	0.0	0.0	455.7	442.6	445.8	.	438.4	.	.
Germany	226	200	67.1	30.0	2.3	0.5	10.8	0.0	0.5	530.2	524.4	509.8	496.2	534.0	.	532.7
Hong Kong SAR	148	145	58.0	35.4	6.7	0.0	1.1	0.0	0.3	559.2	555.0	542.3	.	549.3	.	558.8
Hungary	244	237	66.8	26.1	6.6	0.5	1.1	0.0	1.8	543.9	539.5	531.8	568.5	588.9	.	510.1
Indonesia	293	293	87.5	11.7	0.8	0.0	0.0	0.0	0.0	396.0	402.8	379.8	.	.	.	.
Iran, Islamic Rep. of	291	290	69.2	27.5	2.4	0.8	0.0	0.0	0.3	420.8	422.3	404.9	453.0	.	.	383.5
Ireland	214	214	82.5	14.4	3.1	0.0	0.0	0.0	0.0	531.6	516.4	514.6	.	.	.	.
Italy	257	241	66.7	21.2	11.2	0.9	3.9	0.0	2.2	515.5	515.5	517.3	552.1	517.3	.	533.1
Japan	157	156	19.3	70.2	10.5	0.0	0.3	0.0	0.0	570.0	570.4	558.9	.	545.1	.	.
Kazakhstan	239	238	78.4	21.6	0.0	0.0	0.5	0.0	0.0	551.3	543.7	.	.	529.8	.	.
Korea, Rep. of	182	181	49.4	45.4	4.6	0.6	0.6	0.0	0.0	592.7	586.0	584.7	592.6	594.1	.	.
Kuwait	294	281	56.7	29.6	9.2	4.5	7.6	0.0	0.0	347.9	327.9	313.3	338.3	323.0	.	.
Lithuania	291	285	79.0	19.4	1.6	0.0	1.1	0.0	0.0	528.5	524.5	555.1	.	492.7	.	374.7
Morocco	367	350	49.9	33.8	13.7	2.7	4.4	0.0	0.2	366.6	344.9	322.9	358.8	338.3	.	202.6
Netherlands	223	171	62.5	36.2	1.3	0.0	21.4	0.0	0.0	514.8	522.1	513.9	.	516.1	.	.
New Zealand	461	443	71.7	22.0	5.4	0.9	2.2	0.0	0.9	508.7	502.8	487.9	497.4	483.8	.	489.3
Northern Ireland	154	130	92.1	7.7	0.2	0.0	17.4	0.0	0.5	520.5	524.2	488.7	.	514.8	.	533.3
Norway	227	196	78.4	19.4	2.2	0.0	11.9	0.0	0.5	540.4	533.5	531.0	.	527.0	.	572.1
Oman	357	351	59.1	30.1	9.2	1.6	0.4	0.0	0.9	435.1	426.7	424.8	399.6	395.6	.	435.5
Poland	254	253	79.8	19.8	0.4	0.0	0.0	0.0	0.8	547.2	547.4	526.3	.	.	.	553.1
Portugal	322	307	70.7	25.7	3.6	0.0	5.1	0.0	0.4	510.5	503.6	498.0	.	502.5	.	530.8
Qatar	227	227	73.5	22.6	3.3	0.7	0.0	0.0	0.0	443.3	419.5	411.6	347.3	.	.	.
Russian Federation	217	216	85.3	13.7	0.5	0.5	0.0	0.0	0.3	566.6	568.2	590.0	583.6	.	.	626.4
Saudi Arabia	189	187	53.9	31.7	10.4	4.0	0.5	0.0	0.6	404.0	377.5	381.1	344.6	351.8	.	339.6
Serbia	192	189	62.5	29.4	7.4	0.7	0.7	0.0	0.7	521.6	529.1	530.9	536.7	506.9	.	528.2
Singapore	358	352	67.1	26.8	4.3	1.7	1.5	0.0	0.3	594.7	582.7	574.8	593.2	598.2	.	529.9
Slovak Republic	328	327	69.0	25.8	3.9	1.4	0.7	0.0	0.0	521.5	523.0	497.8	463.6	567.2	.	.
Slovenia	256	242	48.0	46.9	5.1	0.0	5.4	0.0	0.2	544.2	543.1	534.1	.	533.3	.	505.9
Spain	393	377	77.7	18.9	2.7	0.7	4.1	0.0	0.0	519.9	515.7	501.1	463.0	519.3	.	.
Sweden	212	202	55.8	40.1	3.7	0.4	3.9	0.0	1.1	540.4	539.0	543.3	573.9	539.8	.	549.7
Turkey	251	251	47.6	41.3	8.7	2.5	0.0	0.0	0.0	487.9	480.4	465.9	508.5	.	.	.
United Arab Emirates	840	778	59.1	30.3	8.1	2.5	5.8	0.0	1.3	475.7	419.2	418.4	411.7	417.8	.	518.2
United States	492	436	65.3	24.1	7.5	3.1	12.7	0.0	0.0	549.7	544.4	525.1	523.9	547.0	.	505.7
International Avg (n=47)	13512	12894	64.4	29.4	5.2	1.0	3.7	0.0	0.4	509.0	502.6	495.5	483.3	501.2	.	498.0
Buenos Aires, Argentina	291	129	70.7	25.1	1.3	2.8	53.6	0.0	1.5	422.7	415.0	425.5	342.2	416.5	.	445.2
Ontario, Canada	275	252	53.6	33.6	10.4	2.4	6.3	0.0	2.1	530.6	527.3	544.6	549.7	512.1	.	540.7
Quebec, Canada	151	143	57.1	33.6	9.3	0.0	5.2	0.0	0.0	522.6	528.0	517.4	.	534.7	.	.
Norway (4)	223	198	83.3	13.0	2.0	1.7	9.9	0.0	0.0	496.5	486.8	459.8	418.8	491.1	.	.
Abu Dhabi, UAE	212	184	49.6	33.4	12.2	4.7	9.0	0.0	1.7	434.8	398.8	407.5	351.1	398.9	.	459.1
Dubai, UAE	290	276	70.1	21.9	6.5	1.5	2.2	0.0	2.7	534.9	470.2	475.4	527.6	512.5	.	564.3
Florida, US	120	93	60.2	23.7	12.5	3.6	20.6	0.0	0.9	556.7	546.2	540.4	518.5	542.1	.	499.0

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-07h (ATBG07H)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	64.3	31.7	2.6	1.4	5.7	0.0	1.5	530.8	515.9	510.7	494.0	510.2	.	485.5
Bahrain	345	340	59.8	28.7	8.6	3.0	1.9	0.0	0.0	468.1	445.4	454.0	440.6	420.5	.	.
Belgium (Flemish)	295	290	42.0	49.8	7.7	0.5	1.2	0.0	0.3	515.0	511.1	496.0	513.4	500.5	.	525.6
Bulgaria	233	232	78.8	17.8	3.4	0.0	0.0	0.0	0.3	540.6	510.1	559.8	.	.	.	490.4
Canada	699	653	48.2	36.7	12.4	2.8	5.5	0.0	0.9	521.3	528.4	526.6	532.0	520.0	.	541.8
Chile	180	161	29.4	44.4	17.0	9.1	6.9	0.0	3.0	501.9	471.1	475.5	449.3	473.8	.	450.0
Chinese Taipei	178	178	52.4	41.3	6.3	0.0	0.0	0.0	0.0	553.2	556.1	567.7	.	.	.	.
Croatia	223	220	37.6	52.2	8.9	1.3	1.5	0.0	0.0	527.8	537.4	529.5	563.6	531.0	.	.
Cyprus	242	238	62.2	28.9	8.9	0.0	1.1	0.0	0.5	481.5	480.1	481.9	.	494.5	.	485.2
Czech Republic	265	263	63.3	33.2	3.5	0.0	0.8	0.0	0.0	536.1	529.5	548.1	.	542.1	.	.
Denmark	196	169	33.3	40.9	21.8	3.9	11.8	0.0	0.0	531.8	524.9	519.5	536.3	531.2	.	.
England	214	194	71.8	22.2	4.8	1.2	5.1	0.0	0.0	537.7	538.2	524.0	496.1	521.2	.	.
Finland	341	327	26.9	61.9	9.9	1.4	4.3	0.0	0.2	553.4	555.3	547.3	536.3	557.2	.	521.4
France	273	261	46.7	46.0	7.3	0.0	4.0	0.0	0.3	486.7	489.5	488.8	.	471.5	.	460.4
Georgia	188	187	58.4	38.0	3.6	0.0	0.7	0.0	0.0	454.1	447.6	446.9	.	438.4	.	.
Germany	226	200	43.2	51.8	4.0	1.0	10.8	0.0	0.5	530.1	526.8	516.1	505.3	534.0	.	559.8
Hong Kong SAR	148	144	61.1	33.8	3.2	1.9	1.1	0.0	1.1	559.8	553.6	526.1	543.5	549.3	.	584.4
Hungary	244	237	37.6	47.1	14.5	0.8	1.1	0.0	1.8	545.2	539.3	542.9	542.0	588.9	.	510.1
Indonesia	293	293	89.6	9.5	1.0	0.0	0.0	0.0	0.0	396.2	401.9	389.1	.	.	.	.
Iran, Islamic Rep. of	291	290	71.7	25.4	1.2	1.6	0.0	0.0	0.3	417.3	432.2	389.4	439.6	.	.	383.5
Ireland	214	214	79.4	14.1	5.8	0.8	0.0	0.0	0.0	532.0	521.9	511.2	464.5	.	.	.
Italy	257	242	56.7	32.6	10.5	0.3	3.9	0.0	1.5	518.8	513.6	507.3	557.4	517.3	.	543.6
Japan	157	156	16.4	77.4	6.3	0.0	0.3	0.0	0.0	568.3	569.4	567.6	.	545.1	.	.
Kazakhstan	239	237	69.7	30.3	0.0	0.0	0.5	0.0	0.8	554.5	539.9	.	.	529.8	.	490.8
Korea, Rep. of	182	181	56.5	39.4	4.1	0.0	0.6	0.0	0.0	591.3	586.7	586.8	.	594.1	.	.
Kuwait	294	277	54.5	31.5	10.2	3.8	7.6	0.0	1.0	344.8	326.7	336.0	343.5	323.0	.	355.9
Lithuania	291	285	52.1	44.1	3.3	0.5	1.1	0.0	0.0	528.6	528.6	515.7	519.2	492.7	.	374.7
Morocco	367	351	56.3	30.3	12.6	0.7	4.4	0.0	0.1	363.8	342.6	327.9	393.1	338.3	.	200.5
Netherlands	223	171	51.0	46.4	2.5	0.0	21.4	0.0	0.0	518.4	516.5	514.3	.	516.1	.	.
New Zealand	461	442	66.4	24.9	7.5	1.2	2.2	0.0	1.0	509.3	504.0	486.0	513.0	483.8	.	482.8
Northern Ireland	154	130	88.3	10.2	1.5	0.0	17.4	0.0	0.5	519.7	530.9	511.3	.	514.8	.	533.3
Norway	227	196	60.6	31.4	6.7	1.3	11.9	0.0	0.5	543.3	533.0	523.4	548.4	527.0	.	572.1
Oman	357	351	54.0	36.9	8.3	0.9	0.4	0.0	0.9	431.3	432.2	433.7	340.5	395.6	.	435.5
Poland	254	253	52.1	45.6	2.3	0.0	0.0	0.0	0.8	546.0	549.1	535.6	.	.	.	553.1
Portugal	322	307	70.5	23.9	5.6	0.0	5.1	0.0	0.4	510.0	508.5	486.0	.	502.5	.	530.8
Qatar	227	226	76.4	17.0	5.6	1.0	0.0	0.0	0.3	438.6	427.9	434.6	370.3	.	.	555.5
Russian Federation	217	216	18.9	72.4	8.3	0.5	0.0	0.0	0.3	555.5	571.1	556.7	583.6	.	.	626.4
Saudi Arabia	189	187	55.0	30.5	11.0	3.4	0.5	0.0	0.6	402.2	390.2	334.7	393.3	351.8	.	339.6
Serbia	192	189	52.8	35.5	11.0	0.7	0.7	0.0	0.7	526.2	520.3	530.1	536.7	506.9	.	528.2
Singapore	358	352	60.4	31.6	6.3	1.7	1.5	0.0	0.3	594.3	581.2	602.7	586.4	598.2	.	529.9
Slovak Republic	328	327	53.7	37.5	6.3	2.5	0.7	0.0	0.0	523.0	519.3	522.3	466.8	567.2	.	.
Slovenia	256	242	26.7	56.9	16.0	0.4	5.4	0.0	0.2	546.3	543.4	536.9	554.7	533.3	.	505.9
Spain	393	370	67.9	26.5	5.5	0.0	7.1	0.0	0.7	520.4	520.9	484.9	.	512.7	.	527.0
Sweden	212	201	29.8	55.7	14.3	0.2	3.9	0.0	1.7	552.5	537.0	529.3	456.5	539.8	.	531.9
Turkey	251	251	54.9	37.9	6.5	0.7	0.0	0.0	0.0	492.6	470.5	478.6	501.5	.	.	.
United Arab Emirates	840	779	54.1	36.6	6.6	2.7	5.8	0.0	1.1	481.0	421.6	434.2	343.3	417.8	.	524.1
United States	492	436	48.9	34.6	11.2	5.2	12.7	0.0	0.0	553.5	546.2	526.8	511.2	547.0	.	505.7
International Avg (n=47)	13512	12881	54.5	36.9	7.4	1.2	3.8	0.0	0.5	509.7	503.1	496.8	486.7	501.0	.	492.3
Buenos Aires, Argentina	291	125	62.8	31.4	1.9	3.8	53.6	0.0	2.9	424.9	414.7	438.5	354.6	416.5	.	420.4
Ontario, Canada	275	253	46.5	37.3	11.9	4.3	6.3	0.0	1.9	530.0	532.0	532.0	538.8	512.1	.	541.8
Quebec, Canada	151	143	31.1	50.6	18.0	0.3	5.2	0.0	0.0	520.0	525.1	527.3	524.9	534.7	.	.
Norway (4)	223	197	59.7	33.5	4.3	2.5	9.9	0.0	0.4	494.3	494.5	492.3	451.8	491.1	.	492.5
Abu Dhabi, UAE	212	184	34.9	48.3	9.3	7.6	9.0	0.0	1.7	447.7	407.3	404.8	333.9	398.9	.	450.7
Dubai, UAE	290	278	67.6	24.1	8.0	0.3	2.2	0.0	1.4	535.6	474.8	473.9	513.7	512.5	.	660.6
Florida, US	120	93	48.1	29.9	15.6	6.5	20.6	0.0	0.9	559.4	540.2	553.8	528.7	542.1	.	499.0

Question: In your current school, how severe is each problem? The school building needs significant repair  
 Location: TQG-08a (ATBG08A)

Country	Sample	Valid N	1. Not a problem %	2. Minor problem %	3. Moderate problem %	4. Serious problem %	Not Administered %	Not Applicable %	Omitted %	1. Not a problem Mean	2. Minor problem Mean	3. Moderate problem Mean	4. Serious problem Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	438	55.5	34.5	7.8	2.2	5.7	0.0	0.6	523.5	523.9	544.8	502.0	510.2	.	460.0
Bahrain	345	339	56.2	25.3	13.1	5.3	1.9	0.0	0.4	460.8	457.3	470.1	432.1	420.5	.	453.2
Belgium (Flemish)	295	290	32.7	27.8	24.7	14.8	1.2	0.0	0.3	514.1	514.0	505.3	512.2	500.5	.	525.6
Bulgaria	233	233	53.6	22.8	18.2	5.4	0.0	0.0	0.0	535.4	524.2	552.8	529.2	.	.	.
Canada	699	648	46.6	35.5	14.7	3.2	5.5	0.0	2.1	523.0	522.6	535.6	525.4	520.0	.	536.0
Chile	180	160	48.1	24.0	16.8	11.1	6.9	0.0	3.3	496.4	473.8	456.1	448.5	473.8	.	454.0
Chinese Taipei	178	178	34.6	43.7	15.7	6.0	0.0	0.0	0.0	554.7	554.4	555.8	563.6	.	.	.
Croatia	223	220	25.9	45.7	19.5	8.9	1.5	0.0	0.0	525.0	531.7	541.3	550.0	531.0	.	.
Cyprus	242	238	26.8	39.8	23.1	10.2	1.1	0.0	0.5	483.6	479.6	476.9	490.0	494.5	.	485.2
Czech Republic	265	261	51.8	27.6	14.8	5.7	0.8	0.0	0.7	535.6	531.6	533.3	538.3	542.1	.	539.3
Denmark	196	167	30.1	33.0	32.2	4.7	11.8	0.0	1.1	529.6	526.4	528.0	507.5	531.2	.	487.2
England	214	194	54.4	34.5	10.0	1.2	5.1	0.0	0.0	539.9	530.9	537.8	543.1	521.2	.	.
Finland	341	329	28.9	32.1	23.2	15.8	4.3	0.0	0.0	553.0	554.8	553.5	552.8	557.2	.	488.3
France	273	262	31.5	35.3	21.7	11.5	4.0	0.0	0.1	492.4	489.3	484.2	478.5	471.5	.	588.3
Georgia	188	186	22.3	27.1	33.6	17.0	0.7	0.0	1.0	469.2	448.2	445.0	447.5	438.4	.	415.6
Germany	226	199	31.1	29.4	22.8	16.7	10.8	0.0	1.0	531.3	533.1	522.3	520.5	534.0	.	511.6
Hong Kong SAR	148	145	27.4	51.1	16.5	5.0	1.1	0.0	0.3	574.8	554.5	544.0	521.1	549.3	.	558.8
Hungary	244	238	29.0	24.7	25.2	21.1	1.1	0.0	1.5	541.1	541.5	546.5	538.8	588.9	.	501.1
Indonesia	293	292	13.4	16.8	30.8	39.0	0.0	0.0	0.2	411.1	425.2	395.3	381.0	.	.	298.0
Iran, Islamic Rep. of	291	289	33.2	40.7	13.3	12.8	0.0	0.0	0.4	421.8	430.4	425.2	383.1	.	.	473.4
Ireland	214	210	59.3	24.6	8.1	7.9	0.0	0.0	1.3	533.0	522.7	518.2	527.2	.	.	534.4
Italy	257	241	29.2	43.3	21.4	6.1	3.9	0.0	3.2	521.9	513.5	512.9	524.1	517.3	.	515.5
Japan	157	154	30.4	35.4	22.7	11.5	0.3	0.0	1.3	570.6	567.9	569.0	569.4	545.1	.	563.8
Kazakhstan	239	237	34.6	33.3	19.9	12.3	0.5	0.0	0.3	547.7	545.7	560.4	547.9	529.8	.	577.2
Korea, Rep. of	182	181	44.1	39.3	10.1	6.5	0.6	0.0	0.0	590.9	590.2	581.7	584.2	594.1	.	.
Kuwait	294	280	44.6	29.7	18.0	7.8	7.6	0.0	0.3	350.3	322.0	344.4	317.6	323.0	.	365.2
Lithuania	291	284	38.3	27.1	19.9	14.6	1.1	0.0	0.1	525.1	523.2	536.8	533.4	492.7	.	456.3
Morocco	367	350	35.3	21.9	24.2	18.6	4.4	0.0	0.4	369.4	366.2	333.5	331.4	338.3	.	328.5
Netherlands	223	171	57.2	20.4	11.4	10.9	21.4	0.0	0.0	512.8	518.1	523.5	533.6	516.1	.	.
New Zealand	461	442	49.9	33.4	11.5	5.2	2.2	0.0	1.1	512.9	497.7	498.4	514.0	483.8	.	488.3
Northern Ireland	154	130	52.8	24.4	17.2	5.6	17.4	0.0	0.5	524.8	514.8	516.1	523.2	514.8	.	533.3
Norway	227	196	42.4	30.1	20.5	7.1	11.9	0.0	0.5	544.3	538.5	532.7	524.9	527.0	.	572.1
Oman	357	345	48.3	31.6	16.6	3.6	0.4	0.0	2.4	431.9	435.5	423.8	442.0	395.6	.	394.2
Poland	254	250	44.6	30.2	17.3	7.9	0.0	0.0	1.7	549.8	545.0	543.2	546.9	.	.	559.4
Portugal	322	307	39.6	28.2	28.3	4.0	5.1	0.0	0.4	509.8	508.3	506.8	503.4	502.5	.	530.8
Qatar	227	223	64.3	23.0	8.3	4.3	0.0	0.0	2.1	442.2	415.4	452.0	426.0	.	.	439.3
Russian Federation	217	214	15.5	38.8	31.3	14.4	0.0	0.0	1.2	577.0	567.3	564.7	563.8	.	.	542.1
Saudi Arabia	189	186	52.9	22.7	13.4	11.0	0.5	0.0	1.0	386.9	408.9	369.6	397.4	351.8	.	373.5
Serbia	192	189	31.4	28.6	25.8	14.2	0.7	0.0	1.1	526.7	522.0	522.9	528.6	506.9	.	523.6
Singapore	358	351	53.1	34.9	10.7	1.3	1.5	0.0	0.5	585.5	593.2	603.3	627.6	598.2	.	528.3
Slovak Republic	328	327	48.6	21.7	21.0	8.7	0.7	0.0	0.0	512.7	527.4	532.6	513.8	567.2	.	.
Slovenia	256	242	55.1	21.0	17.3	6.7	5.4	0.0	0.2	540.5	543.7	546.0	556.8	533.3	.	505.9
Spain	393	376	39.4	28.7	23.5	8.5	4.1	0.0	0.1	519.8	519.5	512.1	522.1	519.3	.	547.7
Sweden	212	202	27.2	33.6	28.6	10.6	3.9	0.0	1.1	554.1	540.3	523.1	549.5	539.8	.	549.7
Turkey	251	251	41.1	24.4	19.0	15.6	0.0	0.0	0.0	493.7	485.0	471.6	468.1	.	.	.
United Arab Emirates	840	780	55.8	28.4	12.8	3.0	5.8	0.0	0.9	471.7	437.8	410.3	394.7	417.8	.	587.9
United States	492	436	47.6	33.5	14.6	4.3	12.7	0.0	0.2	553.3	543.0	535.6	520.7	547.0	.	470.9
International Avg (n=47)	13512	12861	40.8	30.7	19.0	9.6	3.7	0.0	0.8	510.1	505.5	504.2	501.2	501.2	.	493.9
Buenos Aires, Argentina	291	130	39.4	24.3	23.3	13.0	53.6	0.0	0.7	439.6	420.9	406.2	378.5	416.5	.	424.2
Ontario, Canada	275	249	48.4	32.6	16.6	2.4	6.3	0.0	3.7	530.7	525.6	545.9	506.7	512.1	.	546.3
Quebec, Canada	151	142	44.1	36.6	14.5	4.8	5.2	0.0	1.1	520.4	523.2	534.1	544.1	534.7	.	471.8
Norway (4)	223	198	45.6	30.6	15.7	8.1	9.9	0.0	0.0	498.3	488.2	494.4	481.2	491.1	.	.
Abu Dhabi, UAE	212	187	52.6	28.6	15.1	3.8	9.0	0.0	0.9	423.2	404.1	412.7	389.6	398.9	.	545.9
Dubai, UAE	290	277	66.2	26.5	6.2	1.2	2.2	0.0	1.9	535.9	487.2	448.6	373.8	512.5	.	636.6
Florida, US	120	93	43.7	36.7	14.6	5.0	20.6	0.0	0.9	557.6	547.2	547.0	528.8	542.1	.	499.0

Question: In your current school, how severe is each problem? Teachers do not have adequate workspace  
 Location: TQG-08b (ATBG08B)

Country	Sample	Valid N	1.Not a problem %	2.Mino r problem %	3.Mode rate problem %	4.Seri ous problem %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not a problem Mean	2.Mino r problem Mean	3.Mode rate problem Mean	4.Seri ous problem Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	58.1	30.5	9.2	2.3	5.7	0.0	0.6	525.1	522.6	528.8	531.7	510.2	.	460.0
Bahrain	345	340	50.7	26.5	17.8	5.0	1.9	0.0	0.0	456.7	461.0	466.5	456.7	420.5	.	.
Belgium (Flemish)	295	290	47.2	29.6	15.5	7.6	1.2	0.0	0.3	511.5	506.0	519.4	518.4	500.5	.	525.6
Bulgaria	233	233	47.3	31.2	17.0	4.4	0.0	0.0	0.0	530.1	533.1	547.9	567.3	.	.	.
Canada	699	649	53.6	26.5	15.2	4.6	5.5	0.0	1.9	519.5	528.4	537.7	525.9	520.0	.	532.3
Chile	180	160	47.1	20.1	19.2	13.5	6.9	0.0	3.3	490.8	473.2	469.8	458.8	473.8	.	454.0
Chinese Taipei	178	178	41.1	36.2	12.7	10.0	0.0	0.0	0.0	554.4	554.3	555.6	562.3	.	.	.
Croatia	223	220	34.1	26.8	23.8	15.3	1.5	0.0	0.0	529.5	527.0	539.5	544.4	531.0	.	.
Cyprus	242	238	39.7	33.3	18.4	8.6	1.1	0.0	0.5	482.9	479.9	482.6	474.4	494.5	.	485.2
Czech Republic	265	262	65.9	25.1	6.6	2.4	0.8	0.0	0.4	533.6	535.2	537.4	534.2	542.1	.	552.0
Denmark	196	168	35.1	30.0	21.4	13.6	11.8	0.0	0.5	530.5	526.5	523.1	522.5	531.2	.	493.6
England	214	194	39.5	44.0	13.1	3.5	5.1	0.0	0.0	531.1	542.0	534.3	539.9	521.2	.	.
Finland	341	328	35.0	32.9	24.8	7.3	4.3	0.0	0.4	552.3	557.5	550.8	551.0	557.2	.	583.8
France	273	262	49.1	27.5	14.9	8.5	4.0	0.0	0.1	489.6	482.0	493.5	487.4	471.5	.	588.3
Georgia	188	186	56.1	22.6	17.1	4.2	0.7	0.0	0.6	452.0	445.0	456.5	460.8	438.4	.	418.4
Germany	226	200	27.6	27.0	22.6	22.7	10.8	0.0	0.4	537.7	524.0	526.2	521.9	534.0	.	526.8
Hong Kong SAR	148	145	58.6	28.3	9.7	3.4	1.1	0.0	0.3	562.0	553.0	544.0	529.8	549.3	.	558.8
Hungary	244	238	36.6	24.3	21.1	18.0	1.1	0.0	1.5	524.9	554.2	547.3	554.5	588.9	.	501.1
Indonesia	293	292	28.9	19.6	27.2	24.3	0.0	0.0	0.3	404.1	403.8	394.5	384.9	.	.	360.0
Iran, Islamic Rep. of	291	291	34.1	37.5	15.7	12.7	0.0	0.0	0.0	431.8	425.6	406.6	396.1	.	.	.
Ireland	214	214	57.1	25.5	9.1	8.3	0.0	0.0	0.0	528.2	527.9	526.3	539.0	.	.	.
Italy	257	246	30.3	26.5	31.5	11.7	3.9	0.0	0.0	522.5	517.9	512.0	509.5	517.3	.	.
Japan	157	154	49.3	22.2	18.1	10.4	0.3	0.0	1.3	569.8	561.7	568.0	584.3	545.1	.	563.8
Kazakhstan	239	236	61.1	18.6	16.2	4.2	0.5	0.0	0.5	553.0	545.4	535.9	569.3	529.8	.	574.9
Korea, Rep. of	182	181	56.7	24.5	14.4	4.4	0.6	0.0	0.0	592.1	586.9	587.4	572.8	594.1	.	.
Kuwait	294	279	52.5	25.4	17.4	4.7	7.6	0.0	0.6	344.1	328.5	329.7	360.5	323.0	.	339.6
Lithuania	291	284	59.3	23.9	11.8	5.0	1.1	0.0	0.1	527.6	530.5	530.4	518.1	492.7	.	456.3
Morocco	367	348	29.1	20.8	30.3	19.8	4.4	0.0	0.6	396.7	335.7	334.2	335.0	338.3	.	348.9
Netherlands	223	171	45.3	27.4	19.7	7.6	21.4	0.0	0.0	516.9	514.3	517.7	531.2	516.1	.	.
New Zealand	461	442	43.7	37.1	15.0	4.2	2.2	0.0	1.1	504.8	508.2	506.8	501.1	483.8	.	488.3
Northern Ireland	154	130	48.7	27.4	17.4	6.4	17.4	0.0	0.5	524.4	517.4	510.8	534.4	514.8	.	533.3
Norway	227	193	35.6	34.2	26.2	4.0	11.9	0.0	1.6	542.8	541.1	530.6	531.5	527.0	.	563.5
Oman	357	351	59.0	25.5	13.3	2.2	0.4	0.0	0.8	434.5	423.9	432.8	410.9	395.6	.	441.5
Poland	254	251	41.4	22.9	23.1	12.6	0.0	0.0	1.4	544.0	549.3	545.0	557.2	.	.	553.3
Portugal	322	307	45.5	20.5	20.8	13.3	5.1	0.0	0.4	512.3	508.3	502.2	504.1	502.5	.	530.8
Qatar	227	226	66.7	17.2	11.1	5.0	0.0	0.0	0.5	429.5	455.9	424.8	484.2	.	.	433.9
Russian Federation	217	216	61.4	21.6	11.6	5.4	0.0	0.0	0.4	569.2	571.3	561.1	542.7	.	.	552.6
Saudi Arabia	189	185	46.0	22.0	19.2	12.7	0.5	0.0	1.7	398.8	392.0	371.3	393.7	351.8	.	341.8
Serbia	192	190	37.0	25.8	21.1	16.1	0.7	0.0	0.3	522.4	522.0	529.2	527.7	506.9	.	537.0
Singapore	358	351	53.5	30.5	11.7	4.3	1.5	0.0	0.5	588.7	591.8	591.5	604.2	598.2	.	528.3
Slovak Republic	328	327	59.9	26.0	9.3	4.9	0.7	0.0	0.0	520.2	522.2	522.3	504.4	567.2	.	.
Slovenia	256	242	35.9	25.6	21.9	16.6	5.4	0.0	0.2	540.9	544.9	543.6	545.1	533.3	.	505.9
Spain	393	375	56.1	22.2	17.8	4.0	4.1	0.0	0.2	520.7	517.5	511.6	517.3	519.3	.	469.3
Sweden	212	202	24.7	26.3	33.7	15.4	3.9	0.0	1.1	545.7	540.3	539.5	531.9	539.8	.	549.7
Turkey	251	251	33.7	26.2	23.1	17.1	0.0	0.0	0.0	498.0	485.7	471.6	466.9	.	.	.
United Arab Emirates	840	780	53.3	30.2	13.8	2.7	5.8	0.0	0.8	456.6	455.1	436.3	411.3	417.8	.	588.1
United States	492	436	62.6	23.9	9.6	4.0	12.7	0.0	0.2	548.0	542.9	551.0	518.1	547.0	.	470.9
International Avg (n=47)	13512	12880	46.6	26.8	17.7	8.9	3.7	0.0	0.5	508.6	505.8	503.9	504.9	501.2	.	497.5
Buenos Aires, Argentina	291	130	46.0	26.7	14.4	12.9	53.6	0.0	0.5	427.9	433.4	396.9	387.5	416.5	.	393.4
Ontario, Canada	275	250	51.9	29.2	16.4	2.6	6.3	0.0	3.2	527.1	532.0	546.0	508.9	512.1	.	543.5
Quebec, Canada	151	142	53.7	20.0	17.6	8.7	5.2	0.0	1.1	523.4	521.0	531.0	527.3	534.7	.	471.8
Norway (4)	223	198	43.5	26.0	22.9	7.5	9.9	0.0	0.0	494.2	496.3	492.4	479.2	491.1	.	.
Abu Dhabi, UAE	212	187	57.2	24.1	15.7	3.1	9.0	0.0	0.9	413.9	413.2	413.5	454.6	398.9	.	545.9
Dubai, UAE	290	277	50.0	39.1	10.6	0.3	2.2	0.0	1.5	525.3	515.1	475.0	516.3	512.5	.	650.0
Florida, US	120	92	69.8	21.4	6.5	2.3	20.6	0.0	1.9	552.1	547.8	562.6	499.5	542.1	.	532.9

Question: In your current school, how severe is each problem? Teachers do not have adequate instructional materials and supplies  
 Location: TQG-08c (ATBG08C)

Country	Sample	Valid N	1. Not a problem %	2. Minor problem %	3. Moderate problem %	4. Serious problem %	Not Administered %	Not Applicable %	Omitted %	1. Not a problem Mean	2. Minor problem Mean	3. Moderate problem Mean	4. Serious problem Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	438	60.1	28.4	10.4	1.2	5.7	0.0	0.6	526.9	522.4	519.6	524.9	510.2	.	460.0
Bahrain	345	340	50.9	26.4	17.5	5.2	1.9	0.0	0.0	460.8	452.8	470.9	443.7	420.5	.	.
Belgium (Flemish)	295	290	54.5	34.9	10.3	0.4	1.2	0.0	0.3	509.7	516.6	506.0	478.6	500.5	.	525.6
Bulgaria	233	233	50.1	30.1	17.9	1.9	0.0	0.0	0.0	543.4	524.7	533.6	528.1	.	.	.
Canada	699	648	45.7	36.7	14.8	2.8	5.5	0.0	2.0	526.0	524.6	525.7	507.2	520.0	.	532.3
Chile	180	160	53.9	27.4	10.2	8.5	6.9	0.0	3.3	488.1	474.4	446.9	473.3	473.8	.	454.0
Chinese Taipei	178	173	35.2	48.6	13.4	2.8	0.0	0.0	2.7	559.4	552.6	556.6	556.5	.	.	541.9
Croatia	223	220	28.5	37.3	22.9	11.4	1.5	0.0	0.0	529.5	537.9	527.6	540.8	531.0	.	.
Cyprus	242	238	36.8	44.8	16.2	2.2	1.1	0.0	0.5	482.2	480.6	481.3	471.4	494.5	.	485.2
Czech Republic	265	262	52.4	37.8	9.1	0.7	0.8	0.0	0.4	534.1	535.5	529.3	545.5	542.1	.	552.0
Denmark	196	168	32.3	40.9	19.6	7.1	11.8	0.0	0.5	529.6	526.3	524.8	520.3	531.2	.	493.6
England	214	194	57.6	27.6	12.4	2.5	5.1	0.0	0.0	537.3	538.6	535.1	505.9	521.2	.	.
Finland	341	329	33.6	46.8	17.2	2.3	4.3	0.0	0.0	554.5	554.4	551.3	544.0	557.2	.	488.3
France	273	260	32.9	40.9	18.0	8.1	4.0	0.0	1.0	495.2	491.5	475.9	464.3	471.5	.	525.2
Georgia	188	186	39.7	26.0	27.6	6.7	0.7	0.0	0.7	464.8	441.8	443.9	445.2	438.4	.	394.5
Germany	226	198	44.5	35.5	17.5	2.6	10.8	0.0	1.4	534.9	523.5	519.8	524.5	534.0	.	519.9
Hong Kong SAR	148	145	53.5	36.8	9.7	0.0	1.1	0.0	0.3	561.7	554.7	535.7	.	549.3	.	558.8
Hungary	244	238	29.2	28.0	30.0	12.8	1.1	0.0	1.5	541.3	536.2	547.3	544.5	588.9	.	501.1
Indonesia	293	292	30.1	26.1	19.6	24.3	0.0	0.0	0.3	398.1	411.8	388.4	385.6	.	.	360.0
Iran, Islamic Rep. of	291	290	17.1	37.1	27.6	18.2	0.0	0.0	0.3	444.5	440.9	411.0	373.8	.	.	415.2
Ireland	214	212	49.3	28.5	17.7	4.5	0.0	0.0	1.0	528.0	529.1	533.3	518.2	.	.	539.8
Italy	257	243	23.7	37.9	31.0	7.5	3.9	0.0	1.0	518.3	517.5	515.4	512.5	517.3	.	494.0
Japan	157	155	27.2	40.6	26.0	6.2	0.3	0.0	0.7	571.9	565.9	570.9	569.1	545.1	.	577.8
Kazakhstan	239	234	56.2	32.0	8.3	3.5	0.5	0.0	1.2	556.4	537.7	564.6	521.7	529.8	.	533.2
Korea, Rep. of	182	181	60.8	30.1	7.6	1.6	0.6	0.0	0.0	590.3	588.3	585.4	587.4	594.1	.	.
Kuwait	294	278	45.3	33.3	12.2	9.2	7.6	0.0	1.0	350.6	322.5	337.1	338.4	323.0	.	331.4
Lithuania	291	284	32.0	32.5	29.3	6.1	1.1	0.0	0.1	530.1	520.9	537.4	512.3	492.7	.	456.3
Morocco	367	347	27.1	19.0	33.8	20.1	4.4	0.0	1.2	384.1	364.5	335.1	325.1	338.3	.	423.6
Netherlands	223	170	54.0	34.8	9.6	1.6	21.4	0.0	0.5	515.0	518.7	527.2	499.1	516.1	.	552.1
New Zealand	461	441	60.3	30.3	8.7	0.8	2.2	0.0	1.2	509.8	506.1	478.1	534.1	483.8	.	496.9
Northern Ireland	154	130	60.7	28.8	9.9	0.5	17.4	0.0	0.5	519.5	520.7	526.1	560.8	514.8	.	533.3
Norway	227	196	27.7	49.4	20.7	2.2	11.9	0.0	0.5	542.3	542.4	525.7	539.9	527.0	.	572.1
Oman	357	351	40.7	33.6	21.9	3.8	0.4	0.0	0.8	430.1	437.6	425.7	413.3	395.6	.	441.5
Poland	254	248	38.3	33.7	25.4	2.5	0.0	0.0	2.3	549.7	543.4	546.6	549.0	.	.	564.5
Portugal	322	306	37.6	28.1	27.2	7.1	5.1	0.0	0.8	513.4	507.6	506.2	492.4	502.5	.	510.3
Qatar	227	225	63.0	23.2	9.8	3.9	0.0	0.0	0.9	435.2	436.7	459.7	397.8	.	.	412.2
Russian Federation	217	216	60.9	24.8	10.9	3.4	0.0	0.0	0.4	570.4	570.3	546.9	554.3	.	.	552.6
Saudi Arabia	189	185	29.5	26.5	27.6	16.5	0.5	0.0	1.5	391.5	386.9	390.4	393.0	351.8	.	409.6
Serbia	192	189	21.7	23.3	33.6	21.4	0.7	0.0	1.0	517.6	529.9	520.7	531.0	506.9	.	551.3
Singapore	358	351	57.8	32.1	8.9	1.3	1.5	0.0	0.5	590.7	590.8	588.9	597.7	598.2	.	528.3
Slovak Republic	328	327	43.5	31.9	18.9	5.7	0.7	0.0	0.0	519.2	517.0	528.0	519.2	567.2	.	.
Slovenia	256	241	41.5	33.6	21.3	3.6	5.4	0.0	0.6	541.0	543.3	546.5	545.9	533.3	.	537.2
Spain	393	375	49.1	34.1	15.7	1.1	4.1	0.0	1.3	519.2	520.8	511.7	493.1	519.3	.	507.6
Sweden	212	202	30.8	28.8	30.4	10.0	3.9	0.0	1.1	539.6	541.6	544.8	523.3	539.8	.	549.7
Turkey	251	251	20.9	24.1	29.2	25.7	0.0	0.0	0.0	518.3	488.0	477.2	457.7	.	.	.
United Arab Emirates	840	778	51.9	29.3	15.0	3.8	5.8	0.0	1.2	465.5	444.8	428.6	421.1	417.8	.	539.5
United States	492	437	46.9	32.6	16.0	4.6	12.7	0.0	0.0	552.8	545.7	532.2	520.8	547.0	.	.
International Avg (n=47)	13512	12855	42.5	32.7	18.5	6.4	3.7	0.0	0.8	510.5	506.0	502.6	495.8	501.2	.	498.0
Buenos Aires, Argentina	291	131	68.6	14.5	12.1	4.8	53.6	0.0	0.3	428.1	411.0	407.4	347.0	416.5	.	448.2
Ontario, Canada	275	249	39.6	40.3	16.1	4.0	6.3	0.0	3.5	534.9	531.8	528.5	499.0	512.1	.	542.7
Quebec, Canada	151	142	46.9	32.9	18.3	1.9	5.2	0.0	1.1	529.2	520.5	522.3	502.9	534.7	.	471.8
Norway (4)	223	198	30.3	51.5	15.1	3.1	9.9	0.0	0.0	493.8	495.1	495.7	444.1	491.1	.	.
Abu Dhabi, UAE	212	187	48.2	25.8	19.8	6.2	9.0	0.0	0.9	416.3	411.3	424.3	388.7	398.9	.	545.9
Dubai, UAE	290	277	63.7	24.3	10.6	1.4	2.2	0.0	1.9	528.2	501.1	466.5	571.4	512.5	.	636.6
Florida, US	120	93	44.0	40.0	9.6	6.4	20.6	0.0	0.9	548.7	557.3	544.8	533.1	542.1	.	499.0

Question: In your current school, how severe is each problem? The school classrooms are not cleaned often enough  
 Location: TQG-08d (ATBG08D)

Country	Sample	Valid N	1.Not a problem %	2.Mino r problem %	3.Mode rate problem %	4.Seri ous problem %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not a problem Mean	2.Mino r problem Mean	3.Mode rate problem Mean	4.Seri ous problem Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	74.6	18.7	4.7	2.1	5.7	0.0	0.6	524.5	530.2	523.4	491.7	510.2	.	460.0
Bahrain	345	340	77.0	14.6	5.7	2.7	1.9	0.0	0.0	462.6	448.8	450.5	450.7	420.5	.	.
Belgium (Flemish)	295	290	61.0	24.0	12.4	2.6	1.2	0.0	0.3	511.0	512.3	512.2	516.4	500.5	.	525.6
Bulgaria	233	232	69.9	24.1	4.5	1.5	0.0	0.0	0.2	535.4	535.3	541.1	547.3	.	.	471.5
Canada	699	649	56.5	30.8	8.3	4.4	5.5	0.0	1.9	527.1	521.7	516.4	535.8	520.0	.	532.3
Chile	180	159	76.9	14.1	7.4	1.6	6.9	0.0	4.0	482.0	471.7	464.9	452.4	473.8	.	459.6
Chinese Taipei	178	178	43.3	43.3	12.3	1.1	0.0	0.0	0.0	557.4	552.1	560.0	545.6	.	.	.
Croatia	223	219	57.2	30.5	10.8	1.4	1.5	0.0	0.8	531.3	539.6	533.5	510.6	531.0	.	498.5
Cyprus	242	237	51.5	31.2	11.5	5.7	1.1	0.0	0.9	480.3	480.9	489.7	471.1	494.5	.	492.2
Czech Republic	265	262	90.3	7.8	1.9	0.0	0.8	0.0	0.4	534.9	532.7	510.5	.	542.1	.	552.0
Denmark	196	168	31.4	38.2	19.4	10.9	11.8	0.0	0.5	526.9	525.8	526.9	528.6	531.2	.	493.6
England	214	193	80.8	14.6	4.6	0.0	5.1	0.0	0.2	534.2	543.4	554.5	.	521.2	.	609.3
Finland	341	329	48.1	33.5	14.0	4.4	4.3	0.0	0.0	551.5	554.8	557.8	556.3	557.2	.	488.3
France	273	262	63.2	25.8	7.4	3.6	4.0	0.0	0.1	487.4	495.0	473.0	477.1	471.5	.	588.3
Georgia	188	186	64.2	21.7	11.7	2.3	0.7	0.0	0.6	456.2	432.5	450.3	507.0	438.4	.	418.4
Germany	226	199	39.5	27.7	18.4	14.3	10.8	0.0	0.8	533.4	527.9	523.0	519.2	534.0	.	514.1
Hong Kong SAR	148	145	69.0	23.2	7.8	0.0	1.1	0.0	0.3	562.1	546.5	538.2	.	549.3	.	558.8
Hungary	244	238	56.2	24.8	12.8	6.3	1.1	0.0	1.5	537.3	540.7	555.9	562.6	588.9	.	501.1
Indonesia	293	291	45.8	20.7	12.7	20.9	0.0	0.0	0.5	401.2	393.9	381.4	398.9	.	.	388.7
Iran, Islamic Rep. of	291	291	62.1	27.2	8.2	2.6	0.0	0.0	0.0	426.8	416.0	398.5	406.5	.	.	.
Ireland	214	214	72.2	15.9	8.2	3.8	0.0	0.0	0.0	529.5	525.0	524.4	543.1	.	.	.
Italy	257	244	42.0	37.7	17.0	3.3	3.9	0.0	0.9	521.9	511.1	517.1	507.0	517.3	.	507.6
Japan	157	155	77.3	19.4	3.3	0.0	0.3	0.0	0.7	570.9	562.0	565.9	.	545.1	.	577.8
Kazakhstan	239	234	85.6	7.6	3.8	2.9	0.5	0.0	1.2	553.0	522.4	549.7	518.0	529.8	.	559.4
Korea, Rep. of	182	181	84.4	14.2	1.1	0.3	0.6	0.0	0.0	589.8	585.5	610.5	560.9	594.1	.	.
Kuwait	294	280	61.2	18.2	12.6	8.0	7.6	0.0	0.3	346.9	320.3	325.7	333.0	323.0	.	365.2
Lithuania	291	284	82.6	14.0	3.2	0.2	1.1	0.0	0.1	528.5	523.5	544.8	434.3	492.7	.	456.3
Morocco	367	348	37.2	20.6	23.2	19.0	4.4	0.0	0.9	381.3	340.6	328.7	341.1	338.3	.	330.8
Netherlands	223	170	46.4	29.8	18.0	5.8	21.4	0.0	0.5	513.6	519.6	520.0	531.0	516.1	.	497.1
New Zealand	461	442	78.6	16.7	4.2	0.6	2.2	0.0	1.1	506.6	509.9	483.3	515.8	483.8	.	488.3
Northern Ireland	154	130	83.3	11.4	5.4	0.0	17.4	0.0	0.5	519.3	528.5	527.1	.	514.8	.	533.3
Norway	227	196	59.9	30.4	8.5	1.1	11.9	0.0	0.5	540.5	535.4	536.4	562.0	527.0	.	572.1
Oman	357	350	62.0	21.3	13.7	3.0	0.4	0.0	1.0	431.9	422.5	443.8	423.0	395.6	.	415.2
Poland	254	249	79.9	13.1	5.7	1.3	0.0	0.0	2.1	545.8	548.9	547.3	594.7	.	.	558.0
Portugal	322	307	78.2	14.1	5.8	1.9	5.1	0.0	0.4	509.3	502.4	508.1	508.9	502.5	.	530.8
Qatar	227	225	79.4	10.6	3.9	6.2	0.0	0.0	0.8	438.2	429.3	407.7	435.9	.	.	479.7
Russian Federation	217	216	87.2	7.5	4.2	1.1	0.0	0.0	0.4	570.2	551.1	551.7	506.5	.	.	552.6
Saudi Arabia	189	185	50.2	28.6	14.4	6.8	0.5	0.0	1.7	395.8	377.4	403.0	392.6	351.8	.	341.8
Serbia	192	186	57.6	29.3	9.5	3.7	0.7	0.0	2.3	521.6	528.8	520.2	529.0	506.9	.	558.6
Singapore	358	351	59.1	29.3	8.7	2.9	1.5	0.0	0.5	586.8	599.8	586.5	588.7	598.2	.	528.3
Slovak Republic	328	327	83.7	13.5	1.9	0.9	0.7	0.0	0.0	517.5	530.7	536.0	577.7	567.2	.	.
Slovenia	256	242	78.2	13.8	6.7	1.3	5.4	0.0	0.2	542.5	547.4	540.2	555.4	533.3	.	505.9
Spain	393	377	74.9	18.4	5.0	1.8	4.1	0.0	0.0	519.9	513.5	518.1	492.1	519.3	.	.
Sweden	212	202	47.0	28.4	22.4	2.1	3.9	0.0	1.1	543.3	539.7	533.6	543.8	539.8	.	549.7
Turkey	251	251	43.7	27.5	20.5	8.3	0.0	0.0	0.0	490.5	489.0	464.7	473.4	.	.	.
United Arab Emirates	840	780	77.7	15.6	4.9	1.8	5.8	0.0	0.9	460.9	440.2	380.9	370.9	417.8	.	572.2
United States	492	435	63.2	22.7	10.0	4.1	12.7	0.0	0.3	552.6	533.3	542.3	519.9	547.0	.	523.8
International Avg (n=47)	13512	12867	64.9	21.8	9.4	3.8	3.7	0.0	0.7	508.3	503.0	501.7	496.1	501.2	.	501.5
Buenos Aires, Argentina	291	130	66.9	13.1	15.3	4.7	53.6	0.0	0.7	426.6	409.9	403.0	394.4	416.5	.	424.2
Ontario, Canada	275	250	60.8	27.7	6.0	5.5	6.3	0.0	3.2	532.6	528.4	528.5	532.3	512.1	.	543.5
Quebec, Canada	151	142	41.2	42.7	12.3	3.8	5.2	0.0	1.1	526.7	524.3	510.0	552.6	534.7	.	471.8
Norway (4)	223	197	65.6	21.5	9.2	3.8	9.9	0.0	0.7	490.0	501.1	500.1	492.0	491.1	.	473.2
Abu Dhabi, UAE	212	187	72.1	19.5	6.7	1.7	9.0	0.0	0.9	412.7	446.5	372.3	311.9	398.9	.	545.9
Dubai, UAE	290	277	88.0	9.2	2.0	0.9	2.2	0.0	1.8	524.3	470.2	402.8	448.1	512.5	.	611.7
Florida, US	120	93	50.2	33.1	11.2	5.4	20.6	0.0	0.9	551.4	554.2	545.2	536.2	542.1	.	499.0

Question: In your current school, how severe is each problem? The school classrooms need maintenance work  
 Location: TQG-08e (ATBG08E)

Country	Sample	Valid N	1.Not a problem %	2.Mino r problem %	3.Mode rate problem %	4.Seri ous problem %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not a problem Mean	2.Mino r problem Mean	3.Mode rate problem Mean	4.Seri ous problem Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	55.7	32.6	10.4	1.2	5.7	0.0	0.6	523.6	525.2	531.3	515.5	510.2	.	460.0
Bahrain	345	340	51.6	35.2	10.4	2.8	1.9	0.0	0.0	464.6	453.3	460.0	444.2	420.5	.	.
Belgium (Flemish)	295	289	49.5	24.8	17.0	8.8	1.2	0.0	0.4	515.0	511.5	505.8	504.2	500.5	.	519.9
Bulgaria	233	232	51.3	33.7	13.3	1.6	0.0	0.0	0.5	539.9	525.4	541.7	556.6	.	.	569.5
Canada	699	646	56.4	31.2	8.7	3.6	5.7	0.0	2.2	524.4	525.5	518.9	541.6	519.8	.	532.7
Chile	180	159	53.9	28.9	8.6	8.7	6.9	0.0	4.1	490.9	465.1	481.8	455.6	473.8	.	443.1
Chinese Taipei	178	178	37.4	47.0	14.3	1.4	0.0	0.0	0.0	554.8	554.7	559.6	544.5	.	.	.
Croatia	223	220	32.0	44.0	15.5	8.5	1.5	0.0	0.0	527.9	533.1	538.3	547.7	531.0	.	.
Cyprus	242	230	35.3	40.5	17.1	7.1	1.1	0.0	3.8	484.6	476.0	479.2	479.9	494.5	.	513.4
Czech Republic	265	262	65.1	28.2	6.1	0.6	0.8	0.0	0.4	536.3	531.4	526.4	524.3	542.1	.	552.0
Denmark	196	168	28.9	31.4	29.4	10.3	11.8	0.0	0.5	529.3	532.2	519.2	523.8	531.2	.	493.6
England	214	194	62.1	32.6	4.1	1.2	5.1	0.0	0.0	537.0	533.8	550.8	543.1	521.2	.	.
Finland	341	329	35.7	44.5	14.3	5.6	4.3	0.0	0.0	554.1	553.7	549.4	561.6	557.2	.	488.3
France	273	261	39.6	31.0	22.4	6.9	4.0	0.0	0.4	489.9	490.9	486.3	470.0	471.5	.	494.0
Georgia	188	186	22.9	20.5	34.0	22.6	0.7	0.0	0.3	471.6	446.7	443.0	447.4	438.4	.	463.2
Germany	226	198	41.3	33.3	19.7	5.7	10.8	0.0	1.5	532.8	529.6	519.5	508.5	534.0	.	530.6
Hong Kong SAR	148	143	33.8	43.5	17.6	5.2	1.1	0.0	1.5	572.0	552.1	543.6	525.3	549.3	.	600.1
Hungary	244	238	29.9	34.2	23.7	12.1	1.1	0.0	1.5	537.8	544.8	547.1	535.4	588.9	.	501.1
Indonesia	293	291	14.8	22.4	29.5	33.2	0.0	0.0	0.5	427.4	413.0	391.8	377.8	.	.	295.9
Iran, Islamic Rep. of	291	288	40.9	37.4	14.7	7.0	0.0	0.0	0.9	427.7	426.7	403.0	388.8	.	.	424.8
Ireland	214	214	59.3	26.3	8.3	6.1	0.0	0.0	0.0	532.3	522.1	523.7	532.3	.	.	.
Italy	257	243	29.3	41.0	24.6	5.1	3.9	0.0	1.4	518.0	517.6	512.4	519.7	517.3	.	510.7
Japan	157	155	46.3	44.0	9.7	0.0	0.3	0.0	0.7	569.5	568.1	570.7	.	545.1	.	577.8
Kazakhstan	239	237	37.1	41.2	14.5	7.2	0.5	0.0	0.2	546.7	555.2	541.2	549.9	529.8	.	571.4
Korea, Rep. of	182	181	54.8	31.4	10.2	3.7	0.6	0.0	0.0	591.1	589.4	583.4	577.7	594.1	.	.
Kuwait	294	280	41.1	34.3	15.1	9.6	7.6	0.0	0.3	349.6	338.0	320.9	318.6	323.0	.	365.2
Lithuania	291	284	38.8	30.5	24.2	6.5	1.1	0.0	0.1	526.4	525.4	535.3	524.7	492.7	.	456.3
Morocco	367	349	32.0	19.1	28.7	20.2	4.4	0.0	0.6	387.3	335.8	336.2	338.2	338.3	.	347.7
Netherlands	223	171	50.3	28.3	14.5	6.9	21.4	0.0	0.0	515.6	514.8	520.9	534.2	516.1	.	.
New Zealand	461	442	60.7	24.3	11.4	3.5	2.2	0.0	1.1	510.0	499.1	501.2	505.7	483.8	.	488.3
Northern Ireland	154	130	63.2	24.1	11.5	1.2	17.4	0.0	0.5	521.4	516.6	522.0	558.1	514.8	.	533.3
Norway	227	196	48.7	28.8	20.4	2.0	11.9	0.0	0.5	542.1	540.2	529.7	533.8	527.0	.	572.1
Oman	357	351	46.1	31.3	16.6	5.9	0.4	0.0	0.8	431.4	426.2	440.7	426.5	395.6	.	441.5
Poland	254	249	48.3	31.1	16.7	3.9	0.0	0.0	2.1	546.5	551.9	539.8	543.5	.	.	558.0
Portugal	322	303	44.3	32.7	18.9	4.1	5.1	0.0	1.2	510.7	509.4	503.7	493.1	502.5	.	517.7
Qatar	227	225	66.9	19.3	7.4	6.4	0.0	0.0	0.8	439.5	425.3	423.5	444.9	.	.	479.7
Russian Federation	217	215	26.4	50.6	15.3	7.6	0.0	0.0	0.9	571.1	567.2	551.5	583.2	.	.	582.5
Saudi Arabia	189	186	39.5	27.4	20.2	12.9	0.5	0.0	1.0	399.8	393.6	382.1	370.1	351.8	.	373.5
Serbia	192	189	38.4	35.1	20.6	5.9	0.7	0.0	0.7	517.4	531.2	526.4	526.6	506.9	.	528.2
Singapore	358	351	56.2	35.2	7.0	1.5	1.5	0.0	0.5	586.2	597.9	580.3	636.4	598.2	.	528.3
Slovak Republic	328	327	50.3	34.9	12.7	2.1	0.7	0.0	0.0	521.3	519.2	522.3	494.6	567.2	.	.
Slovenia	256	242	63.6	23.9	10.6	1.9	5.4	0.0	0.2	541.5	542.2	552.0	563.7	533.3	.	505.9
Spain	393	377	46.7	36.7	12.0	4.6	4.1	0.0	0.0	522.1	518.1	512.2	493.7	519.3	.	.
Sweden	212	202	34.2	33.6	23.5	8.7	3.9	0.0	1.1	548.5	536.3	538.8	525.3	539.8	.	549.7
Turkey	251	250	38.1	30.8	19.1	12.0	0.0	0.0	0.4	496.2	482.7	472.5	462.9	.	.	452.7
United Arab Emirates	840	781	64.6	24.7	8.0	2.8	5.8	0.0	0.8	468.1	435.2	399.2	385.1	417.8	.	573.6
United States	492	436	56.9	31.9	8.1	3.1	12.7	0.0	0.2	550.6	543.5	536.1	510.4	547.0	.	470.9
International Avg (n=47)	13512	12855	45.1	32.5	15.8	6.6	3.7	0.0	0.7	510.7	504.8	501.6	498.9	501.2	.	496.5
Buenos Aires, Argentina	291	130	42.4	22.6	22.8	12.2	53.6	0.0	0.7	437.4	412.4	412.8	378.9	416.5	.	444.8
Ontario, Canada	275	247	58.4	30.3	7.1	4.1	6.6	0.0	3.8	532.7	530.7	514.7	542.7	512.1	.	542.2
Quebec, Canada	151	142	50.2	28.4	15.6	5.7	5.2	0.0	1.1	521.8	529.3	518.8	541.0	534.7	.	471.8
Norway (4)	223	197	42.3	43.2	10.7	3.8	9.9	0.0	0.3	495.3	494.1	486.6	475.9	491.1	.	536.6
Abu Dhabi, UAE	212	187	60.0	31.2	5.5	3.3	9.0	0.0	0.9	414.2	428.9	364.3	378.9	398.9	.	545.9
Dubai, UAE	290	278	77.5	15.1	6.1	1.3	2.2	0.0	1.4	528.8	498.0	423.5	395.5	512.5	.	660.6
Florida, US	120	93	50.7	31.5	11.0	6.8	20.6	0.0	0.9	553.7	545.8	559.8	537.7	542.1	.	499.0

Question: In your current school, how severe is each problem? Teachers do not have adequate technological resources  
 Location: TQG-08f (ATBG08F)

Country	Sample	Valid N	1.Not a problem %	2.Mino r problem %	3.Mode rate problem %	4.Seri ous problem %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not a problem Mean	2.Mino r problem Mean	3.Mode rate problem Mean	4.Seri ous problem Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	46.9	32.0	15.1	6.0	5.7	0.0	0.6	532.0	515.8	522.1	523.7	510.2	.	460.5
Bahrain	345	340	56.2	25.5	13.9	4.4	1.9	0.0	0.0	460.5	456.0	469.2	437.6	420.5	.	.
Belgium (Flemish)	295	290	43.2	36.5	15.6	4.6	1.2	0.0	0.3	515.1	509.3	512.6	493.2	500.5	.	525.6
Bulgaria	233	231	45.9	28.5	19.8	5.8	0.0	0.0	1.2	538.0	531.1	538.0	524.5	.	.	575.9
Canada	699	649	49.6	26.9	17.9	5.6	5.5	0.0	1.9	522.8	526.0	529.4	523.8	520.0	.	532.3
Chile	180	160	62.8	18.2	11.6	7.4	6.9	0.0	3.3	480.8	484.0	459.7	479.5	473.8	.	454.0
Chinese Taipei	178	178	43.4	43.5	10.2	2.8	0.0	0.0	0.0	554.5	554.4	563.1	551.9	.	.	.
Croatia	223	220	25.1	38.6	17.6	18.6	1.5	0.0	0.0	532.2	534.6	528.9	537.2	531.0	.	.
Cyprus	242	238	52.2	28.3	16.9	2.6	1.1	0.0	0.5	484.9	480.8	471.6	470.4	494.5	.	485.2
Czech Republic	265	261	59.3	31.8	7.8	1.1	0.8	0.0	0.7	536.1	532.9	532.9	538.4	542.1	.	538.8
Denmark	196	168	29.4	42.6	17.9	10.1	11.8	0.0	0.5	531.9	523.5	531.9	515.7	531.2	.	493.6
England	214	194	48.7	33.0	13.6	4.8	5.1	0.0	0.0	532.5	545.0	537.3	518.3	521.2	.	.
Finland	341	329	31.4	38.7	23.7	6.1	4.3	0.0	0.0	556.1	554.7	549.9	549.3	557.2	.	488.3
France	273	261	21.6	22.4	30.4	25.6	4.0	0.0	0.5	496.5	491.9	484.1	481.4	471.5	.	525.3
Georgia	188	187	38.1	26.7	27.9	7.2	0.7	0.0	0.0	465.0	445.0	443.9	431.6	438.4	.	.
Germany	226	199	25.6	31.5	31.1	11.8	10.8	0.0	0.6	531.1	529.7	524.5	524.5	534.0	.	522.7
Hong Kong SAR	148	145	44.2	34.9	17.0	4.0	1.1	0.0	0.3	565.6	552.0	548.6	531.9	549.3	.	558.8
Hungary	244	238	27.2	30.2	28.7	13.9	1.1	0.0	1.5	532.6	542.8	549.4	543.8	588.9	.	501.1
Indonesia	293	292	14.5	21.9	27.3	36.4	0.0	0.0	0.3	419.2	417.5	406.2	368.3	.	.	360.0
Iran, Islamic Rep. of	291	290	6.1	37.8	36.3	19.8	0.0	0.0	0.6	462.3	443.4	404.1	397.3	.	.	399.2
Ireland	214	214	47.2	30.2	16.8	5.8	0.0	0.0	0.0	531.0	524.7	533.2	520.5	.	.	.
Italy	257	246	28.8	31.8	29.4	10.0	3.9	0.0	0.0	515.4	518.6	518.7	506.0	517.3	.	.
Japan	157	154	21.6	43.8	29.4	5.2	0.3	0.0	1.3	572.0	567.2	570.6	565.6	545.1	.	563.8
Kazakhstan	239	235	47.7	34.3	14.1	3.9	0.5	0.0	0.7	558.0	543.6	528.9	573.1	529.8	.	565.0
Korea, Rep. of	182	181	56.8	30.7	8.8	3.7	0.6	0.0	0.0	589.3	590.0	587.3	587.7	594.1	.	.
Kuwait	294	279	47.8	24.2	17.6	10.4	7.6	0.0	0.4	341.6	333.4	344.2	324.9	323.0	.	347.2
Lithuania	291	284	28.6	33.1	26.5	11.7	1.1	0.0	0.1	523.7	528.3	535.0	523.0	492.7	.	456.3
Morocco	367	345	14.0	15.3	26.0	44.6	4.4	0.0	1.7	417.6	351.9	348.9	333.8	338.3	.	385.9
Netherlands	223	170	52.5	27.3	16.1	4.0	21.4	0.0	0.3	515.5	521.5	517.2	517.0	516.1	.	489.6
New Zealand	461	442	46.7	28.0	20.0	5.3	2.2	0.0	1.1	507.6	510.6	497.9	502.3	483.8	.	488.3
Northern Ireland	154	130	60.5	30.3	5.9	3.3	17.4	0.0	0.5	521.9	515.8	524.9	538.0	514.8	.	533.3
Norway	227	195	35.2	41.4	18.3	5.0	11.9	0.0	0.9	542.8	539.8	531.3	533.3	527.0	.	545.3
Oman	357	349	43.5	30.5	20.6	5.5	0.4	0.0	1.8	425.3	437.8	437.1	415.9	395.6	.	434.9
Poland	254	245	40.0	34.3	20.2	5.4	0.0	0.0	3.3	551.6	540.0	550.5	541.1	.	.	558.1
Portugal	322	307	36.5	27.0	22.9	13.5	5.1	0.0	0.4	509.3	507.7	513.0	498.7	502.5	.	530.8
Qatar	227	226	64.4	19.0	8.0	8.7	0.0	0.0	0.5	433.7	433.5	447.5	451.1	.	.	433.9
Russian Federation	217	216	52.2	37.2	7.6	3.0	0.0	0.0	0.4	568.2	570.4	554.1	544.8	.	.	552.6
Saudi Arabia	189	186	33.9	21.9	27.3	16.9	0.5	0.0	1.0	396.9	395.5	382.4	385.4	351.8	.	373.5
Serbia	192	189	22.4	28.1	30.0	19.6	0.7	0.0	0.7	530.3	513.2	524.6	534.7	506.9	.	528.2
Singapore	358	351	61.2	31.7	6.3	0.8	1.5	0.0	0.5	591.9	588.0	590.1	603.2	598.2	.	528.3
Slovak Republic	328	327	47.8	35.4	14.2	2.6	0.7	0.0	0.0	518.5	520.3	525.9	517.3	567.2	.	.
Slovenia	256	242	47.5	29.5	19.4	3.6	5.4	0.0	0.2	541.0	540.9	551.9	543.7	533.3	.	505.9
Spain	393	377	42.9	26.5	24.7	5.9	4.1	0.0	0.0	519.6	520.6	511.1	525.9	519.3	.	.
Sweden	212	202	36.5	32.7	22.5	8.3	3.9	0.0	1.1	546.7	541.7	535.6	516.9	539.8	.	549.7
Turkey	251	251	28.3	25.1	25.2	21.4	0.0	0.0	0.0	519.0	491.5	461.8	452.1	.	.	.
United Arab Emirates	840	777	58.6	26.5	10.6	4.3	5.8	0.0	1.6	462.1	447.2	415.9	440.1	417.8	.	509.7
United States	492	435	43.6	30.6	18.6	7.2	12.7	0.0	0.3	548.9	547.9	540.5	531.9	547.0	.	523.8
International Avg (n=47)	13512	12862	40.8	30.6	19.3	9.3	3.7	0.0	0.7	511.7	506.6	503.8	499.4	501.2	.	495.2
Buenos Aires, Argentina	291	130	53.4	24.8	18.3	3.5	53.6	0.0	0.7	427.3	399.9	425.9	391.1	416.5	.	444.8
Ontario, Canada	275	250	37.8	32.3	22.3	7.6	6.3	0.0	3.2	530.6	533.0	532.2	523.3	512.1	.	543.5
Quebec, Canada	151	142	57.1	24.3	15.5	3.0	5.2	0.0	1.1	526.9	514.4	529.3	536.6	534.7	.	471.8
Norway (4)	223	198	42.3	39.4	13.4	4.9	9.9	0.0	0.0	495.3	492.0	500.1	466.4	491.1	.	.
Abu Dhabi, UAE	212	186	57.4	22.1	14.5	6.0	9.0	0.0	1.6	413.9	426.1	400.6	412.6	398.9	.	507.5
Dubai, UAE	290	278	65.2	25.2	7.2	2.5	2.2	0.0	1.4	526.6	492.3	505.3	507.9	512.5	.	660.6
Florida, US	120	93	45.8	19.2	20.1	14.8	20.6	0.0	0.9	547.8	546.1	561.8	551.0	542.1	.	499.0



Question: In your current school, how severe is each problem? Teachers do not have adequate support for using technology  
 Location: TQG-08g (ATBG08G)

Country	Sample	Valid N	1.Not a problem %	2.Mino r problem %	3.Mode rate problem %	4.Seri ous problem %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not a problem Mean	2.Mino r problem Mean	3.Mode rate problem Mean	4.Seri ous problem Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	38.5	38.5	16.4	6.6	5.7	0.0	0.6	531.1	517.3	528.6	522.4	510.2	.	460.0
Bahrain	345	340	67.7	18.8	9.1	4.4	1.9	0.0	0.0	464.0	452.6	453.2	434.0	420.5	.	.
Belgium (Flemish)	295	288	38.1	34.1	23.1	4.7	1.2	0.0	0.8	512.0	515.6	508.0	495.4	500.5	.	523.5
Bulgaria	233	232	68.9	21.9	5.1	4.1	0.0	0.0	0.5	538.5	527.4	529.4	537.4	.	.	569.5
Canada	699	649	39.5	32.4	20.6	7.5	5.5	0.0	1.9	521.1	526.8	526.4	532.9	520.0	.	532.3
Chile	180	159	55.6	23.4	14.9	6.1	6.9	0.0	4.0	478.5	488.2	476.2	467.6	473.8	.	438.6
Chinese Taipei	178	178	43.0	46.6	8.6	1.9	0.0	0.0	0.0	555.6	552.9	567.9	548.8	.	.	.
Croatia	223	220	43.3	33.1	14.3	9.3	1.5	0.0	0.0	531.4	534.5	534.9	537.1	531.0	.	.
Cyprus	242	238	54.1	29.2	12.8	3.9	1.1	0.0	0.5	483.8	480.0	478.3	462.7	494.5	.	485.2
Czech Republic	265	262	72.9	20.9	5.8	0.4	0.8	0.0	0.4	536.2	529.8	523.8	557.0	542.1	.	552.0
Denmark	196	168	20.9	46.3	23.5	9.4	11.8	0.0	0.5	529.2	526.2	529.3	516.8	531.2	.	493.6
England	214	194	48.0	34.5	13.2	4.4	5.1	0.0	0.0	533.6	543.2	536.8	516.9	521.2	.	.
Finland	341	329	23.3	40.6	30.0	6.1	4.3	0.0	0.0	550.4	552.4	559.6	544.9	557.2	.	488.3
France	273	260	17.5	20.7	29.7	32.1	4.0	0.0	0.4	486.3	491.7	482.8	491.6	471.5	.	489.6
Georgia	188	186	50.6	32.2	14.9	2.2	0.7	0.0	0.4	458.7	443.2	444.3	445.7	438.4	.	475.5
Germany	226	198	34.3	33.0	22.2	10.5	10.8	0.0	1.1	530.7	531.4	522.5	519.9	534.0	.	511.9
Hong Kong SAR	148	145	53.5	35.6	8.6	2.2	1.1	0.0	0.3	563.3	553.8	535.0	524.7	549.3	.	558.8
Hungary	244	237	37.4	37.7	20.8	4.2	1.1	0.0	1.8	538.5	537.4	556.8	546.3	588.9	.	503.8
Indonesia	293	291	13.9	18.9	30.9	36.2	0.0	0.0	0.6	413.5	436.2	402.5	366.3	.	.	295.9
Iran, Islamic Rep. of	291	289	22.4	41.8	20.9	14.8	0.0	0.0	1.3	431.9	437.0	386.7	409.7	.	.	401.6
Ireland	214	214	39.3	31.5	17.4	11.8	0.0	0.0	0.0	530.9	525.8	527.2	532.8	.	.	.
Italy	257	245	23.5	35.3	31.5	9.7	3.9	0.0	0.3	510.4	520.4	516.2	518.6	517.3	.	483.9
Japan	157	154	17.0	48.3	28.9	5.9	0.3	0.0	1.3	573.2	567.3	570.6	565.4	545.1	.	563.8
Kazakhstan	239	233	65.9	24.0	7.0	3.1	0.5	0.0	1.4	555.7	536.8	545.3	543.8	529.8	.	519.5
Korea, Rep. of	182	181	56.9	29.8	9.7	3.7	0.6	0.0	0.0	588.2	591.3	590.1	587.7	594.1	.	.
Kuwait	294	280	51.8	20.8	17.1	10.3	7.6	0.0	0.3	343.5	331.5	341.2	321.2	323.0	.	365.2
Lithuania	291	284	49.6	31.1	14.0	5.3	1.1	0.0	0.1	526.2	533.2	525.5	523.8	492.7	.	456.3
Morocco	367	346	12.7	13.7	29.7	44.0	4.4	0.0	1.3	414.6	367.2	341.3	336.2	338.3	.	419.3
Netherlands	223	169	39.5	32.4	23.5	4.6	21.4	0.0	1.3	514.2	521.2	518.9	512.6	516.1	.	512.7
New Zealand	461	442	44.2	35.1	16.2	4.5	2.2	0.0	1.1	505.6	510.6	499.4	502.9	483.8	.	488.3
Northern Ireland	154	130	54.1	23.7	20.7	1.5	17.4	0.0	0.5	521.6	519.0	519.9	529.0	514.8	.	533.3
Norway	227	195	40.6	35.9	19.6	3.9	11.9	0.0	0.9	540.5	545.1	525.7	539.3	527.0	.	524.1
Oman	357	350	45.3	27.9	20.8	6.0	0.4	0.0	1.0	428.0	435.0	439.9	405.4	395.6	.	433.8
Poland	254	244	40.1	40.8	11.4	7.7	0.0	0.0	3.6	548.3	546.2	543.8	549.4	.	.	552.5
Portugal	322	306	39.3	31.5	17.5	11.7	5.1	0.0	0.8	510.3	509.1	505.9	503.6	502.5	.	509.0
Qatar	227	226	62.6	19.3	11.4	6.7	0.0	0.0	0.5	436.8	426.6	445.2	444.3	.	.	433.9
Russian Federation	217	215	49.6	36.6	12.4	1.4	0.0	0.0	0.8	567.7	562.9	580.6	540.6	.	.	571.6
Saudi Arabia	189	185	35.6	23.5	26.0	14.9	1.1	0.0	1.0	402.0	381.7	387.7	381.4	395.1	.	373.5
Serbia	192	188	36.0	27.6	20.9	15.6	0.7	0.0	1.1	529.2	518.8	518.5	532.0	506.9	.	533.1
Singapore	358	350	59.4	33.2	6.5	0.8	1.5	0.0	0.8	589.9	592.8	584.1	603.2	598.2	.	563.0
Slovak Republic	328	327	67.2	23.0	8.5	1.3	0.7	0.0	0.0	521.0	512.7	535.4	507.3	567.2	.	.
Slovenia	256	242	64.8	21.1	11.4	2.7	5.4	0.0	0.2	540.8	546.3	549.9	547.4	533.3	.	505.9
Spain	393	375	35.9	34.4	24.5	5.2	4.1	0.0	0.1	517.8	515.5	523.9	509.9	519.3	.	545.3
Sweden	212	202	27.3	44.2	21.3	7.3	3.9	0.0	1.1	550.0	538.3	541.1	510.6	539.8	.	549.7
Turkey	251	251	34.9	23.6	23.1	18.5	0.0	0.0	0.0	508.6	490.0	464.3	451.3	.	.	.
United Arab Emirates	840	780	62.4	21.9	10.7	4.9	5.8	0.0	1.2	466.4	436.0	421.2	416.0	417.8	.	528.0
United States	492	435	43.8	31.9	18.3	6.1	12.7	0.0	0.3	548.6	543.5	550.0	525.6	547.0	.	523.8
International Avg (n=47)	13512	12850	43.5	30.7	17.6	8.3	3.8	0.0	0.8	510.2	506.4	504.2	498.3	502.3	.	494.1
Buenos Aires, Argentina	291	130	44.0	33.3	18.1	4.6	53.6	0.0	0.7	433.1	399.5	426.2	397.2	416.5	.	444.8
Ontario, Canada	275	250	33.7	31.8	25.3	9.2	6.3	0.0	3.2	527.5	535.7	531.3	529.0	512.1	.	543.5
Quebec, Canada	151	142	40.0	36.4	15.9	7.7	5.2	0.0	1.1	528.7	517.6	516.4	553.1	534.7	.	471.8
Norway (4)	223	197	51.6	32.4	12.5	3.5	10.1	0.0	0.0	496.1	491.5	487.6	485.7	491.3	.	.
Abu Dhabi, UAE	212	186	60.1	22.1	11.5	6.4	9.0	0.0	1.6	425.5	403.9	395.1	384.0	398.9	.	507.5
Dubai, UAE	290	278	68.4	21.6	8.0	2.0	2.2	0.0	1.4	524.6	502.2	481.9	507.5	512.5	.	660.6
Florida, US	120	93	40.9	30.5	18.4	10.2	20.6	0.0	0.9	546.4	558.5	544.2	557.3	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Discuss how to teach a particular topic  
 Location: TQG-09a (ATBG09A)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	33.1	41.0	22.8	3.1	5.7	0.0	0.6	526.6	530.4	511.5	530.1	510.2	.	460.0
Bahrain	345	339	36.4	36.9	21.6	5.0	1.9	0.0	0.4	464.6	455.1	462.0	439.2	420.5	.	535.4
Belgium (Flemish)	295	290	13.3	31.4	47.5	7.8	1.2	0.0	0.3	514.1	511.7	512.0	505.0	500.5	.	525.6
Bulgaria	233	233	40.1	40.9	18.1	0.9	0.0	0.0	0.0	535.9	538.6	531.3	489.8	.	.	.
Canada	699	652	29.5	37.4	29.2	3.9	5.5	0.0	1.3	520.2	527.7	527.9	508.2	520.0	.	546.2
Chile	180	162	21.4	39.8	30.6	8.1	6.9	0.0	2.6	485.5	470.5	483.8	484.1	473.8	.	445.6
Chinese Taipei	178	178	15.6	35.9	44.3	4.2	0.0	0.0	0.0	563.2	557.8	550.6	553.4	.	.	.
Croatia	223	220	28.1	44.5	25.9	1.5	1.5	0.0	0.0	534.3	530.2	536.7	558.3	531.0	.	.
Cyprus	242	238	28.2	38.1	26.9	6.8	1.1	0.0	0.5	474.2	479.4	487.7	494.0	494.5	.	485.2
Czech Republic	265	263	17.6	31.1	46.1	5.2	0.8	0.0	0.0	544.0	532.5	530.6	545.7	542.1	.	.
Denmark	196	167	10.2	33.0	47.8	9.0	11.8	0.0	0.8	513.3	525.7	530.2	526.5	530.3	.	518.2
England	214	194	42.4	37.6	19.0	1.0	5.1	0.0	0.0	539.8	532.2	539.5	512.8	521.2	.	.
Finland	341	329	14.9	40.4	42.2	2.5	4.3	0.0	0.0	551.7	548.7	559.2	551.1	557.2	.	488.3
France	273	262	23.6	32.3	39.5	4.7	4.0	0.0	0.1	482.5	481.2	496.3	491.4	471.5	.	588.3
Georgia	188	186	33.0	42.9	23.7	0.4	0.7	0.0	0.5	453.8	452.7	446.0	432.1	438.4	.	444.4
Germany	226	198	18.0	42.3	35.8	3.9	10.8	0.0	1.1	533.7	527.5	525.2	537.0	534.0	.	500.1
Hong Kong SAR	148	144	23.9	53.8	22.3	0.0	1.1	0.0	0.9	559.4	558.5	548.9	.	549.3	.	564.6
Hungary	244	237	19.6	54.1	25.9	0.4	1.1	0.0	2.3	538.6	545.1	539.6	532.5	588.9	.	504.7
Indonesia	293	238	28.8	54.7	16.1	0.4	0.0	0.0	0.0	385.0	407.2	384.5	290.9	.	.	.
Iran, Islamic Rep. of	291	291	40.8	41.2	16.9	1.1	0.0	0.0	0.0	425.2	412.9	427.6	468.4	.	.	.
Ireland	214	213	26.3	25.0	43.9	4.8	0.0	0.0	0.8	528.6	528.0	530.8	515.2	.	.	544.1
Italy	257	246	25.3	41.8	30.9	2.0	3.9	0.0	0.0	508.5	522.9	515.8	491.6	517.3	.	.
Japan	157	156	11.2	37.7	49.8	1.2	0.3	0.0	0.0	570.0	570.0	569.1	532.3	545.1	.	.
Kazakhstan	239	237	36.5	55.6	7.9	0.0	0.5	0.0	0.4	559.6	544.9	545.5	.	529.8	.	384.3
Korea, Rep. of	182	181	33.1	39.7	24.0	3.2	0.6	0.0	0.0	591.9	587.6	587.8	594.0	594.1	.	.
Kuwait	294	280	57.0	31.3	11.0	0.8	7.6	0.0	0.2	349.4	328.5	309.9	302.3	323.0	.	428.3
Lithuania	291	285	17.5	45.4	35.9	1.2	1.1	0.0	0.0	540.0	530.9	520.1	488.8	492.7	.	374.7
Morocco	367	352	15.3	28.9	49.0	6.8	4.4	0.0	0.0	385.9	343.7	349.8	338.9	338.3	.	.
Netherlands	223	171	14.1	49.7	31.3	4.9	21.4	0.0	0.0	511.7	514.5	529.0	489.8	516.1	.	.
New Zealand	461	441	36.9	37.5	24.8	0.7	2.2	0.0	1.9	505.4	503.8	510.1	503.5	483.8	.	509.8
Northern Ireland	154	130	31.0	38.4	25.2	5.4	17.4	0.0	0.8	518.1	525.1	516.5	526.5	514.8	.	521.0
Norway	227	196	9.9	35.3	44.9	9.8	11.9	0.0	0.5	534.6	540.6	539.4	534.1	527.0	.	572.1
Oman	357	350	50.7	28.3	18.9	2.1	0.4	0.0	1.7	440.6	419.2	423.4	410.3	395.6	.	456.4
Poland	254	254	29.5	48.9	21.6	0.0	0.0	0.0	0.0	548.6	544.8	550.6	.	.	.	.
Portugal	322	305	27.1	48.6	23.6	0.7	5.1	0.0	0.8	512.1	509.3	500.4	522.9	502.5	.	541.0
Qatar	227	225	57.6	32.2	9.1	1.1	0.0	0.0	0.6	446.0	418.8	444.5	374.6	.	.	427.1
Russian Federation	217	217	25.7	57.6	16.2	0.5	0.0	0.0	0.0	554.9	566.9	587.2	583.6	.	.	.
Saudi Arabia	189	188	18.4	42.7	35.5	3.5	0.5	0.0	0.0	412.9	391.6	383.5	331.1	351.8	.	.
Serbia	192	192	47.0	38.3	13.4	1.4	0.0	0.0	0.0	531.9	517.5	520.3	507.6	.	.	.
Singapore	358	351	19.0	53.1	26.9	1.0	1.5	0.0	0.7	598.0	593.0	580.8	600.8	598.2	.	534.6
Slovak Republic	328	326	39.9	41.2	18.7	0.3	0.7	0.0	0.1	520.5	520.5	520.3	408.3	567.2	.	518.5
Slovenia	256	242	29.8	51.9	17.2	1.1	5.4	0.0	0.2	542.1	544.9	541.6	520.5	533.3	.	505.9
Spain	393	376	22.6	42.7	30.3	4.4	4.1	0.0	0.2	520.9	520.5	512.1	524.1	519.3	.	499.3
Sweden	212	205	20.9	37.2	31.1	10.8	3.9	0.0	0.0	538.0	539.8	545.6	530.3	539.8	.	.
Turkey	251	250	12.1	46.6	38.8	2.5	0.0	0.0	0.1	496.4	483.3	483.2	431.4	.	.	355.0
United Arab Emirates	840	782	51.2	33.3	14.0	1.5	5.7	0.0	1.0	473.6	441.1	406.5	395.3	417.5	.	554.4
United States	492	435	38.9	36.1	21.2	3.8	12.7	0.0	0.3	548.8	545.2	542.7	537.2	547.0	.	540.6
International Avg (n=47)	13512	12900	28.1	40.7	28.0	3.1	3.7	0.0	0.5	509.2	504.7	504.2	487.4	501.0	.	495.8
Buenos Aires, Argentina	291	131	44.4	34.7	18.2	2.7	53.6	0.0	0.3	436.9	396.4	422.3	400.4	416.5	.	448.2
Ontario, Canada	275	252	23.8	38.9	32.4	4.9	6.3	0.0	2.6	523.5	535.8	534.8	507.9	512.1	.	546.2
Quebec, Canada	151	143	35.4	35.7	26.0	3.0	5.2	0.0	0.0	518.5	528.9	525.6	514.9	534.7	.	.
Norway (4)	223	198	19.0	37.5	33.5	10.1	9.9	0.0	0.0	497.4	493.8	493.8	481.5	491.1	.	.
Abu Dhabi, UAE	212	187	40.3	41.5	15.5	2.7	9.0	0.0	0.9	439.8	424.0	339.8	335.8	398.9	.	545.9
Dubai, UAE	290	276	57.8	33.0	7.6	1.5	2.2	0.0	2.3	528.6	504.7	486.5	502.8	512.5	.	558.7
Florida, US	120	93	44.9	27.5	24.8	2.7	20.6	0.0	0.9	549.5	557.1	539.8	608.4	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Collaborate in planning and preparing instructional materials  
 Location: TQG-09b (ATBG09B)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	40.0	32.4	26.3	1.3	5.7	0.0	0.6	530.5	528.5	512.9	500.1	510.2	.	460.0
Bahrain	345	339	32.1	40.8	20.7	6.5	1.9	0.0	0.4	457.6	457.5	466.7	455.5	420.5	.	535.4
Belgium (Flemish)	295	290	21.9	26.4	40.2	11.5	1.2	0.0	0.3	513.3	507.2	515.1	506.2	500.5	.	525.6
Bulgaria	233	228	16.5	19.4	22.7	41.4	0.0	0.0	2.9	543.0	535.3	529.9	536.7	.	.	528.3
Canada	699	651	27.3	32.9	31.0	8.8	5.5	0.0	1.4	521.4	531.1	523.1	518.0	520.0	.	541.1
Chile	180	160	11.8	34.6	35.0	18.7	6.9	0.0	3.7	484.0	484.4	479.2	465.8	473.8	.	451.9
Chinese Taipei	178	178	11.7	28.6	47.5	12.1	0.0	0.0	0.0	563.9	558.8	553.6	545.2	.	.	.
Croatia	223	220	36.7	46.0	16.1	1.1	1.5	0.0	0.0	537.6	529.3	536.0	535.7	531.0	.	.
Cyprus	242	238	20.2	34.8	37.8	7.2	1.1	0.0	0.5	471.3	483.0	482.8	490.9	494.5	.	485.2
Czech Republic	265	263	12.3	44.1	40.2	3.4	0.8	0.0	0.0	540.9	534.2	533.1	527.0	542.1	.	.
Denmark	196	168	6.3	24.3	55.1	14.3	11.8	0.0	0.5	507.3	524.4	528.9	530.6	530.3	.	507.3
England	214	194	43.4	39.3	14.9	2.4	5.1	0.0	0.0	541.3	528.3	543.2	547.8	521.2	.	.
Finland	341	329	12.7	29.0	50.1	8.2	4.3	0.0	0.0	547.3	553.5	554.0	562.0	557.2	.	488.3
France	273	262	13.9	29.4	45.2	11.5	4.0	0.0	0.1	483.9	491.0	485.8	492.9	471.5	.	588.3
Georgia	188	186	32.2	51.2	16.6	0.0	0.7	0.0	0.5	474.1	442.8	433.6	.	438.4	.	444.4
Germany	226	197	33.1	45.9	19.4	1.6	10.8	0.0	1.6	531.4	527.9	525.3	513.1	534.0	.	499.6
Hong Kong SAR	148	144	19.0	53.8	27.1	0.0	1.1	0.0	0.9	562.6	553.0	559.3	.	549.3	.	564.6
Hungary	244	237	15.9	52.6	28.2	3.3	1.1	0.0	2.3	540.8	542.0	542.9	550.5	588.9	.	504.7
Indonesia	293	293	23.0	57.7	18.9	0.4	0.0	0.0	0.0	403.7	393.9	398.9	290.9	.	.	.
Iran, Islamic Rep. of	291	291	38.1	39.8	19.5	2.6	0.0	0.0	0.0	430.0	401.7	437.2	463.4	.	.	.
Ireland	214	214	24.7	31.1	31.3	13.0	0.0	0.0	0.0	530.6	526.0	530.7	528.1	.	.	.
Italy	257	246	19.1	44.6	33.8	2.5	3.9	0.0	0.0	508.3	517.9	522.3	472.8	517.3	.	.
Japan	157	156	12.3	45.4	33.6	8.7	0.3	0.0	0.0	572.5	568.7	568.9	567.1	545.1	.	.
Kazakhstan	239	237	30.8	56.6	12.1	0.5	0.5	0.0	0.4	563.1	549.4	521.9	551.8	529.8	.	384.3
Korea, Rep. of	182	181	39.1	43.4	14.9	2.6	0.6	0.0	0.0	592.5	589.3	579.8	594.4	594.1	.	.
Kuwait	294	280	47.9	35.6	15.3	1.1	7.6	0.0	0.2	344.8	336.1	326.2	288.6	323.0	.	428.3
Lithuania	291	285	15.2	47.2	34.7	2.8	1.1	0.0	0.0	540.4	526.9	527.0	494.6	492.7	.	374.7
Morocco	367	351	11.2	19.2	43.3	26.2	4.4	0.0	0.5	398.1	357.6	353.4	330.8	338.3	.	260.8
Netherlands	223	170	19.6	34.5	34.3	11.5	21.4	0.0	0.2	513.9	516.9	519.0	519.8	516.1	.	527.7
New Zealand	461	441	35.7	38.7	22.2	3.4	2.2	0.0	1.9	498.5	511.1	508.4	508.9	483.8	.	509.8
Northern Ireland	154	130	49.0	24.0	21.1	5.9	17.4	0.0	0.8	519.4	529.8	516.2	512.8	514.8	.	521.0
Norway	227	196	8.8	28.2	43.3	19.7	11.9	0.0	0.5	537.9	536.1	541.8	536.7	527.0	.	572.1
Oman	357	350	59.4	21.7	16.8	2.1	0.4	0.0	1.7	438.9	421.4	417.8	396.1	395.6	.	456.4
Poland	254	254	25.8	48.9	23.2	2.1	0.0	0.0	0.0	551.9	547.8	541.4	539.6	.	.	.
Portugal	322	304	50.7	36.1	11.7	1.5	5.1	0.0	1.3	511.2	505.5	504.0	503.7	502.5	.	519.8
Qatar	227	225	61.4	28.2	10.1	0.2	0.0	0.0	0.6	443.2	422.5	432.0	467.6	.	.	427.1
Russian Federation	217	216	23.3	57.5	17.8	1.4	0.0	0.0	0.4	554.9	569.9	574.9	565.9	.	.	552.6
Saudi Arabia	189	188	15.1	41.3	30.4	13.2	0.5	0.0	0.0	421.1	395.8	382.5	357.5	351.8	.	.
Serbia	192	192	52.4	31.2	15.8	0.6	0.0	0.0	0.0	525.6	522.9	524.1	523.8	.	.	.
Singapore	358	351	16.1	44.9	36.4	2.6	1.5	0.0	0.7	598.1	591.5	586.1	597.3	598.2	.	534.6
Slovak Republic	328	326	34.7	42.5	20.1	2.6	0.7	0.0	0.1	525.5	516.0	522.1	501.7	567.2	.	518.5
Slovenia	256	242	22.4	42.9	28.5	6.2	5.4	0.0	0.2	539.4	543.1	549.9	526.8	533.3	.	505.9
Spain	393	377	32.3	41.8	24.7	1.2	4.1	0.0	0.0	525.0	515.4	514.1	510.6	519.3	.	.
Sweden	212	205	14.7	37.7	32.5	15.1	3.9	0.0	0.0	550.1	536.8	535.5	549.1	539.8	.	.
Turkey	251	251	15.6	43.8	35.0	5.6	0.0	0.0	0.0	504.3	475.3	487.5	462.9	.	.	.
United Arab Emirates	840	780	50.6	33.4	14.3	1.7	5.7	0.0	1.1	475.2	434.2	418.7	406.5	417.5	.	540.0
United States	492	435	41.5	34.6	19.8	4.0	12.7	0.0	0.3	547.1	544.1	548.1	535.6	547.0	.	540.6
International Avg (n=47)	13512	12889	27.6	38.3	27.4	6.7	3.7	0.0	0.6	511.0	504.6	504.2	497.4	501.0	.	493.5
Buenos Aires, Argentina	291	131	39.4	43.4	15.5	1.8	53.6	0.0	0.3	432.0	412.2	404.5	434.2	416.5	.	448.2
Ontario, Canada	275	251	15.8	34.7	37.5	12.1	6.3	0.0	2.9	525.7	537.1	530.9	523.2	512.1	.	541.1
Quebec, Canada	151	143	39.9	33.5	21.7	4.9	5.2	0.0	0.0	523.0	530.3	516.3	522.4	534.7	.	.
Norway (4)	223	197	17.1	30.6	42.3	9.9	9.9	0.0	0.5	492.2	499.8	491.9	477.8	491.1	.	537.3
Abu Dhabi, UAE	212	187	43.7	37.8	17.2	1.2	9.0	0.0	0.9	437.7	405.9	379.4	380.0	398.9	.	545.9
Dubai, UAE	290	275	54.3	32.0	12.0	1.8	2.2	0.0	2.4	533.4	508.2	470.5	493.3	512.5	.	555.3
Florida, US	120	93	49.9	26.8	21.6	1.7	20.6	0.0	0.9	546.0	557.4	558.5	490.8	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Share what I have learned about my teaching experiences  
 Location: TQG-09c (ATBG09C)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	29.8	38.8	27.4	4.0	5.7	0.0	0.6	527.4	532.4	510.5	530.5	510.2	.	458.5
Bahrain	345	339	42.3	35.3	20.0	2.5	1.9	0.0	0.4	457.4	461.5	462.2	435.7	420.5	.	535.4
Belgium (Flemish)	295	290	14.1	36.0	45.9	4.0	1.2	0.0	0.3	519.8	505.2	515.0	501.4	500.5	.	525.6
Bulgaria	233	231	40.4	39.1	17.9	2.5	0.0	0.0	0.7	529.9	536.0	550.6	525.4	.	.	516.1
Canada	699	652	22.4	40.6	33.1	3.9	5.5	0.0	1.3	520.8	527.9	523.1	528.8	520.0	.	546.2
Chile	180	162	15.2	36.6	38.1	10.0	6.9	0.0	2.6	485.4	476.8	479.2	475.7	473.8	.	445.6
Chinese Taipei	178	178	16.2	41.8	40.0	2.0	0.0	0.0	0.0	564.5	553.7	553.0	559.1	.	.	.
Croatia	223	220	33.0	45.9	20.0	1.1	1.5	0.0	0.0	534.2	529.8	539.6	553.9	531.0	.	.
Cyprus	242	238	32.8	40.3	25.9	1.1	1.1	0.0	0.5	474.4	484.8	484.6	465.2	494.5	.	485.2
Czech Republic	265	263	26.1	49.2	22.2	2.5	0.8	0.0	0.0	539.2	531.0	533.3	557.4	542.1	.	.
Denmark	196	168	13.2	44.5	41.1	1.1	11.8	0.0	0.5	517.9	524.4	531.8	532.3	530.3	.	507.3
England	214	194	34.5	36.2	28.6	0.7	5.1	0.0	0.0	538.2	537.8	533.3	530.8	521.2	.	.
Finland	341	329	25.0	45.6	28.7	0.7	4.3	0.0	0.0	556.5	550.7	555.9	555.6	557.2	.	488.3
France	273	260	16.8	33.2	44.4	5.6	4.0	0.0	0.7	485.0	486.2	492.4	471.0	471.5	.	510.8
Georgia	188	186	31.1	54.9	14.0	0.0	0.7	0.0	0.5	465.9	447.9	432.6	.	438.4	.	444.4
Germany	226	198	15.5	45.5	38.7	0.3	10.8	0.0	1.1	527.1	530.1	525.9	568.2	534.0	.	500.1
Hong Kong SAR	148	144	11.4	53.7	34.9	0.0	1.1	0.0	0.9	564.8	554.2	557.5	.	549.3	.	564.6
Hungary	244	237	25.0	56.8	17.5	0.7	1.1	0.0	2.3	538.4	542.8	546.0	552.2	588.9	.	504.7
Indonesia	293	292	19.7	56.3	23.7	0.4	0.0	0.0	0.6	378.1	410.1	381.9	290.9	.	.	403.8
Iran, Islamic Rep. of	291	290	50.6	33.9	15.3	0.1	0.0	0.0	0.3	412.8	421.0	449.5	409.7	.	.	355.7
Ireland	214	214	21.6	31.3	41.1	5.9	0.0	0.0	0.0	529.7	530.4	531.0	503.4	.	.	.
Italy	257	246	15.7	39.4	41.1	3.8	3.9	0.0	0.0	501.5	520.0	520.6	496.2	517.3	.	.
Japan	157	156	15.9	44.5	37.6	2.1	0.3	0.0	0.0	572.9	569.3	568.0	554.7	545.1	.	.
Kazakhstan	239	237	25.9	60.9	13.2	0.0	0.5	0.0	0.4	560.2	551.8	524.1	.	529.8	.	384.3
Korea, Rep. of	182	181	40.2	42.1	15.9	1.8	0.6	0.0	0.0	591.6	589.9	582.1	586.4	594.1	.	.
Kuwait	294	280	52.1	33.3	13.4	1.3	7.6	0.0	0.2	347.7	329.2	333.3	236.4	323.0	.	428.3
Lithuania	291	285	23.7	45.6	30.2	0.5	1.1	0.0	0.0	528.4	529.3	526.3	519.2	492.7	.	374.7
Morocco	367	350	17.0	30.3	41.1	11.6	4.4	0.0	0.9	384.5	352.6	345.1	324.7	338.3	.	471.1
Netherlands	223	171	18.5	46.9	32.7	1.8	21.4	0.0	0.0	517.3	514.6	523.3	485.3	516.1	.	.
New Zealand	461	441	35.2	37.4	25.7	1.7	2.2	0.0	1.9	503.5	509.4	504.1	505.9	483.8	.	509.8
Northern Ireland	154	130	31.8	36.8	24.4	6.9	17.4	0.0	0.8	516.1	521.3	524.0	528.1	514.8	.	521.0
Norway	227	196	17.9	35.5	38.5	8.1	11.9	0.0	0.5	537.6	537.4	541.7	534.3	527.0	.	572.1
Oman	357	350	62.9	25.5	9.9	1.6	0.4	0.0	1.7	433.3	429.3	430.6	351.1	395.6	.	456.4
Poland	254	254	21.2	54.9	23.9	0.0	0.0	0.0	0.0	548.6	547.9	544.3	.	.	.	.
Portugal	322	305	31.3	50.0	18.5	0.2	5.1	0.0	0.8	506.5	510.2	505.1	487.9	502.5	.	541.0
Qatar	227	225	51.1	37.9	9.8	1.3	0.0	0.0	0.6	434.8	436.4	434.8	506.6	.	.	427.1
Russian Federation	217	215	25.6	53.4	20.6	0.5	0.0	0.0	1.1	554.1	571.5	573.7	583.6	.	.	533.3
Saudi Arabia	189	186	26.4	41.9	29.7	2.0	0.5	0.0	1.0	414.8	388.8	373.6	357.3	351.8	.	394.0
Serbia	192	191	49.6	36.6	13.6	0.2	0.0	0.0	0.3	526.1	522.0	525.6	536.8	.	.	515.4
Singapore	358	351	15.8	45.5	36.5	2.2	1.5	0.0	0.7	597.0	590.0	590.3	568.0	598.2	.	534.6
Slovak Republic	328	326	44.9	41.3	12.7	1.1	0.7	0.0	0.1	522.9	519.4	514.4	498.5	567.2	.	518.5
Slovenia	256	242	38.5	49.9	10.7	0.9	5.4	0.0	0.2	543.8	545.3	535.5	493.3	533.3	.	505.9
Spain	393	375	29.1	35.4	34.3	1.2	4.1	0.0	0.5	524.6	519.4	512.6	515.1	519.3	.	452.6
Sweden	212	205	18.6	46.1	26.7	8.5	3.9	0.0	0.0	536.5	539.2	541.7	549.3	539.8	.	.
Turkey	251	251	22.3	50.5	22.0	5.1	0.0	0.0	0.0	482.3	483.4	485.0	481.0	.	.	.
United Arab Emirates	840	782	42.4	44.0	12.6	1.0	5.7	0.0	1.0	463.0	453.7	413.3	425.0	417.5	.	554.4
United States	492	435	32.1	36.8	27.0	4.1	12.7	0.0	0.3	549.2	544.5	546.6	524.6	547.0	.	540.6
International Avg (n=47)	13512	12888	28.6	42.5	26.4	2.5	3.7	0.0	0.6	507.8	506.4	504.4	492.9	501.0	.	486.5
Buenos Aires, Argentina	291	131	43.8	32.0	22.3	1.9	53.6	0.0	0.3	425.3	415.2	412.0	429.6	416.5	.	448.2
Ontario, Canada	275	252	15.2	45.3	34.8	4.8	6.3	0.0	2.6	523.0	535.4	528.6	536.0	512.1	.	546.2
Quebec, Canada	151	143	28.7	33.8	33.5	4.0	5.2	0.0	0.0	521.6	529.6	521.3	514.6	534.7	.	.
Norway (4)	223	197	20.3	46.5	27.0	6.2	10.1	0.0	0.0	496.4	496.1	491.3	468.9	491.3	.	.
Abu Dhabi, UAE	212	187	38.0	42.9	18.1	1.0	9.0	0.0	0.9	431.2	422.3	367.9	330.0	398.9	.	545.9
Dubai, UAE	290	276	43.5	48.9	6.6	1.0	2.2	0.0	2.3	522.3	514.2	503.0	522.5	512.5	.	558.7
Florida, US	120	93	42.8	26.5	29.2	1.4	20.6	0.0	0.9	552.4	548.6	550.5	547.5	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Visit another classroom to learn more about teaching  
 Location: TQG-09d (ATBG09D)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	7.0	16.1	48.7	28.2	5.7	0.0	0.6	515.2	519.3	530.0	521.4	510.2	.	460.0
Bahrain	345	338	18.4	36.1	40.6	4.9	1.9	0.0	0.6	465.6	453.9	464.3	433.3	420.5	.	509.7
Belgium (Flemish)	295	290	0.0	2.3	28.6	69.2	1.2	0.0	0.3	.	540.1	506.5	512.8	500.5	.	525.6
Bulgaria	233	233	3.8	10.2	70.3	15.8	0.0	0.0	0.0	523.8	539.9	536.6	531.8	.	.	.
Canada	699	651	5.6	11.3	43.6	39.5	5.5	0.0	1.3	517.3	521.7	525.0	526.4	520.0	.	546.1
Chile	180	161	1.6	9.4	27.0	62.0	6.9	0.0	3.2	480.2	472.1	475.4	481.2	473.8	.	456.4
Chinese Taipei	178	178	7.0	22.7	59.7	10.6	0.0	0.0	0.0	556.2	561.9	553.0	553.1	.	.	.
Croatia	223	220	9.3	10.8	46.0	33.8	1.5	0.0	0.0	536.3	531.0	536.1	530.0	531.0	.	.
Cyprus	242	238	4.1	14.9	52.6	28.4	1.1	0.0	0.5	498.2	476.8	476.9	488.8	494.5	.	485.2
Czech Republic	265	263	1.3	9.5	54.5	34.7	0.8	0.0	0.0	540.1	534.8	535.0	532.9	542.1	.	.
Denmark	196	168	0.0	3.1	18.0	79.0	11.8	0.0	0.5	.	518.0	518.2	529.0	530.3	.	507.3
England	214	194	9.7	24.5	52.7	13.2	5.1	0.0	0.0	531.2	541.0	538.4	525.3	521.2	.	.
Finland	341	329	1.7	5.8	53.2	39.2	4.3	0.0	0.0	551.8	559.7	551.3	556.1	557.2	.	488.3
France	273	261	1.4	3.4	15.7	79.5	4.0	0.0	0.4	513.6	491.7	486.9	487.6	471.5	.	501.9
Georgia	188	183	14.6	40.9	41.9	2.6	0.7	0.0	2.0	460.4	451.2	446.2	472.5	438.4	.	467.5
Germany	226	197	0.0	5.6	37.9	56.5	10.8	0.0	1.6	.	524.5	530.9	527.0	534.0	.	499.6
Hong Kong SAR	148	144	9.2	26.8	59.4	4.6	1.1	0.0	0.9	549.9	555.2	557.6	564.0	549.3	.	564.6
Hungary	244	237	4.0	14.8	68.9	12.3	1.1	0.0	2.3	531.1	537.0	542.6	550.7	588.9	.	504.7
Indonesia	293	293	9.8	39.8	48.5	1.9	0.0	0.0	0.0	389.5	388.4	406.6	352.5	.	.	.
Iran, Islamic Rep. of	291	291	12.9	28.3	40.2	18.6	0.0	0.0	0.0	384.2	421.2	422.7	442.6	.	.	.
Ireland	214	212	1.8	9.2	23.0	65.9	0.0	0.0	0.7	540.1	523.7	530.9	528.3	.	.	551.6
Italy	257	245	2.8	8.0	31.4	57.8	3.9	0.0	0.0	494.3	525.0	514.3	517.5	517.3	.	496.4
Japan	157	156	6.7	21.7	65.7	5.8	0.3	0.0	0.0	578.1	566.8	569.6	561.5	545.1	.	.
Kazakhstan	239	237	30.2	60.8	9.0	0.0	0.5	0.0	0.4	555.8	552.3	518.2	.	529.8	.	384.3
Korea, Rep. of	182	181	22.6	29.0	47.7	0.7	0.6	0.0	0.0	587.0	586.6	592.3	568.7	594.1	.	.
Kuwait	294	280	33.5	32.8	27.6	6.1	7.6	0.0	0.2	348.0	329.6	336.2	339.7	323.0	.	428.3
Lithuania	291	285	8.5	31.0	56.9	3.6	1.1	0.0	0.0	525.8	533.5	524.9	537.7	492.7	.	374.7
Morocco	267	351	6.4	13.6	44.1	35.9	4.4	0.0	0.2	365.6	374.4	358.8	335.0	338.3	.	375.4
Netherlands	323	171	2.0	17.0	39.8	41.2	21.4	0.0	0.0	462.0	512.4	517.6	522.0	516.1	.	.
New Zealand	461	441	8.3	18.1	53.1	20.6	2.2	0.0	1.9	496.4	494.8	507.8	514.7	483.8	.	509.8
Northern Ireland	154	130	8.8	15.4	50.6	25.2	17.4	0.0	0.8	519.3	522.3	522.0	518.0	514.8	.	521.0
Norway	227	195	1.3	4.1	28.2	66.5	11.9	0.0	0.7	523.2	533.8	543.9	537.1	527.0	.	580.7
Oman	357	350	31.3	35.4	30.6	2.7	0.4	0.0	1.7	432.0	435.2	428.5	379.7	395.6	.	456.4
Poland	254	252	1.6	14.1	60.3	24.0	0.0	0.0	0.7	535.9	548.0	547.8	546.3	.	.	536.8
Portugal	322	304	3.2	5.7	20.7	70.3	5.1	0.0	1.2	493.9	504.1	504.0	510.2	502.5	.	534.1
Qatar	227	225	35.2	27.4	28.4	9.0	0.0	0.0	0.6	404.7	443.7	459.8	463.3	.	.	427.1
Russian Federation	217	217	9.8	60.3	29.4	0.5	0.0	0.0	0.0	552.0	566.7	572.9	583.6	.	.	.
Saudi Arabia	189	188	20.3	38.8	35.2	5.7	0.5	0.0	0.0	417.6	394.5	377.9	345.1	351.8	.	.
Serbia	192	192	13.2	27.7	50.9	8.2	0.0	0.0	0.0	530.3	526.9	523.4	514.3	.	.	.
Singapore	358	351	3.6	19.6	56.5	20.3	1.5	0.0	0.7	600.9	591.9	592.1	584.1	598.2	.	534.6
Slovak Republic	328	326	6.2	11.8	58.4	23.6	0.7	0.0	0.1	520.0	486.8	526.4	521.3	567.2	.	518.5
Slovenia	256	242	4.3	13.6	56.0	26.1	5.4	0.0	0.2	539.9	533.5	546.0	542.7	533.3	.	505.9
Spain	393	375	6.9	14.6	47.7	30.7	4.1	0.0	0.6	524.6	523.7	515.5	517.5	519.3	.	549.2
Sweden	212	205	2.0	6.9	42.8	48.2	3.9	0.0	0.0	561.0	542.2	532.0	546.4	539.8	.	.
Turkey	251	250	1.9	4.7	48.4	45.1	0.0	0.0	0.3	475.2	466.1	487.2	481.5	.	.	478.5
United Arab Emirates	840	779	23.9	36.1	31.0	9.0	5.7	0.0	1.2	455.9	457.2	445.5	447.9	417.5	.	523.1
United States	492	435	6.8	13.8	41.0	38.4	12.7	0.0	0.3	552.5	537.5	544.9	548.5	547.0	.	540.6
International Avg (n=47)	13512	12882	9.0	19.7	43.0	28.2	3.7	0.0	0.6	503.1	505.4	506.0	502.9	501.0	.	495.3
Buenos Aires, Argentina	291	131	9.4	16.0	39.9	34.7	53.6	0.0	0.3	432.2	425.7	409.2	424.1	416.5	.	448.2
Ontario, Canada	275	252	4.2	11.5	46.5	37.8	6.3	0.0	2.6	528.9	534.9	532.5	528.7	512.1	.	546.2
Quebec, Canada	151	142	7.8	7.5	40.4	44.3	5.2	0.0	0.0	518.3	518.1	521.1	528.5	534.7	.	543.7
Norway (4)	223	198	2.0	3.8	23.4	70.8	9.9	0.0	0.0	518.6	506.6	495.3	491.1	491.1	.	.
Abu Dhabi, UAE	212	187	20.4	28.2	41.6	9.8	9.0	0.0	0.9	441.5	401.4	421.1	372.2	398.9	.	545.9
Dubai, UAE	290	276	22.8	46.9	23.5	6.7	2.2	0.0	2.3	506.0	517.1	523.2	533.8	512.5	.	558.7
Florida, US	120	93	11.5	17.3	36.0	35.1	20.6	0.0	0.9	555.5	540.0	567.3	537.6	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Work together to try out new ideas  
 Location: TQG-09e (ATBG09E)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	23.4	30.8	41.2	4.6	5.7	0.0	0.6	526.2	526.8	523.7	514.7	510.2	.	460.0
Bahrain	345	339	36.3	36.8	22.8	4.1	1.9	0.0	0.4	457.2	458.1	465.1	455.2	420.5	.	535.4
Belgium (Flemish)	295	290	7.5	27.2	57.8	7.5	1.2	0.0	0.3	499.9	517.1	512.2	498.7	500.5	.	525.6
Bulgaria	233	233	11.9	35.7	46.2	6.2	0.0	0.0	0.0	535.7	538.7	537.7	503.9	.	.	.
Canada	699	651	20.3	29.7	42.8	7.2	5.5	0.0	1.4	516.2	533.9	522.1	528.1	520.0	.	539.6
Chile	180	161	5.9	21.1	43.2	29.9	6.9	0.0	2.6	504.2	470.4	482.3	475.1	473.8	.	446.2
Chinese Taipei	178	178	5.5	28.9	53.7	11.9	0.0	0.0	0.0	562.4	558.8	553.3	552.0	.	.	.
Croatia	223	220	16.2	33.6	47.5	2.7	1.5	0.0	0.0	537.2	528.9	535.2	538.5	531.0	.	.
Cyprus	242	238	9.1	38.1	47.2	5.6	1.1	0.0	0.5	481.3	485.7	475.7	495.8	494.5	.	485.2
Czech Republic	265	263	5.0	16.6	57.3	21.1	0.8	0.0	0.0	545.6	535.2	533.7	532.6	542.1	.	.
Denmark	196	168	4.4	21.4	61.1	13.1	11.8	0.0	0.5	527.8	519.7	526.9	536.9	530.3	.	507.3
England	214	194	25.5	39.7	29.8	5.0	5.1	0.0	0.0	534.2	536.3	541.2	524.4	521.2	.	.
Finland	341	329	7.4	27.8	60.9	4.0	4.3	0.0	0.0	549.2	552.5	553.9	566.0	557.2	.	488.3
France	273	262	8.1	25.0	48.8	18.0	4.0	0.0	0.1	495.1	480.0	488.6	493.8	471.5	.	588.3
Georgia	188	186	22.4	45.1	32.1	0.4	0.7	0.0	0.5	475.9	442.3	448.2	355.0	438.4	.	444.4
Germany	226	198	8.4	35.4	51.3	4.9	10.8	0.0	1.1	530.1	525.3	529.7	529.5	534.0	.	500.1
Hong Kong SAR	148	144	11.6	40.0	47.8	0.7	1.1	0.0	0.9	571.1	553.0	556.5	524.3	549.3	.	564.6
Hungary	244	237	9.8	39.6	47.1	3.5	1.1	0.0	2.3	540.3	535.8	546.4	566.9	588.9	.	504.7
Indonesia	293	292	12.8	51.1	33.1	3.0	0.0	0.0	0.2	412.5	397.6	395.0	343.4	.	.	242.3
Iran, Islamic Rep. of	291	291	29.7	30.4	30.6	9.3	0.0	0.0	0.0	415.1	412.6	424.0	456.9	.	.	.
Ireland	214	214	12.1	26.1	46.3	15.4	0.0	0.0	0.0	527.3	530.6	526.1	535.6	.	.	.
Italy	257	245	10.5	25.9	50.2	13.4	3.9	0.0	0.0	514.0	515.5	518.1	513.8	517.3	.	496.4
Japan	157	155	5.9	31.2	53.7	9.2	0.3	0.0	0.6	579.0	566.6	571.2	558.0	545.1	.	583.4
Kazakhstan	239	236	23.4	69.8	6.8	0.0	0.5	0.0	0.7	557.4	545.7	572.4	.	529.8	.	469.5
Korea, Rep. of	182	181	38.2	36.9	22.3	2.6	0.6	0.0	0.0	591.4	591.3	583.2	581.7	594.1	.	.
Kuwait	294	280	49.3	33.5	15.2	2.0	7.6	0.0	0.2	348.4	330.8	329.4	276.1	323.0	.	428.3
Lithuania	291	285	7.7	38.4	48.0	5.9	1.1	0.0	0.0	527.1	525.4	529.2	538.4	492.7	.	374.7
Morocco	367	350	11.7	25.0	40.7	22.6	4.4	0.0	0.9	369.6	370.1	344.0	337.0	338.3	.	448.4
Netherlands	223	171	6.5	42.4	43.2	7.8	21.4	0.0	0.0	505.7	517.1	520.8	510.2	516.1	.	.
New Zealand	461	440	24.8	31.3	37.5	6.4	2.2	0.0	2.1	497.1	503.4	514.4	501.6	483.8	.	514.0
Northern Ireland	154	130	23.5	36.8	32.2	7.5	17.4	0.0	0.8	518.6	518.6	527.3	510.9	514.8	.	521.0
Norway	227	196	6.4	22.2	62.0	9.4	11.9	0.0	0.5	527.2	538.9	539.8	540.3	527.0	.	572.1
Oman	357	350	39.1	37.3	21.2	2.4	0.4	0.0	1.7	437.9	430.6	423.7	376.8	395.6	.	456.4
Poland	254	254	7.6	35.5	53.1	3.8	0.0	0.0	0.0	544.5	548.0	547.9	535.4	.	.	.
Portugal	322	305	20.7	32.1	40.2	7.0	5.1	0.0	0.8	514.3	509.5	503.4	509.8	502.5	.	541.0
Qatar	227	225	52.8	32.8	13.1	1.4	0.0	0.0	0.6	436.6	432.5	438.2	501.4	.	.	427.1
Russian Federation	217	217	13.5	61.6	23.6	1.3	0.0	0.0	0.0	563.5	566.0	573.6	546.7	.	.	.
Saudi Arabia	189	188	23.0	42.9	28.0	6.2	0.5	0.0	0.0	418.7	395.2	374.8	324.0	351.8	.	.
Serbia	192	192	21.5	40.9	35.0	2.5	0.0	0.0	0.0	528.9	524.9	522.2	512.2	.	.	.
Singapore	358	351	9.9	37.6	47.6	4.8	1.5	0.0	0.7	601.4	588.2	587.8	617.4	598.2	.	534.6
Slovak Republic	328	325	22.6	53.9	21.8	1.6	0.7	0.0	0.4	516.9	522.8	518.0	500.3	567.2	.	549.9
Slovenia	256	241	13.8	45.6	36.4	4.2	5.4	0.0	0.8	543.7	543.5	545.2	522.0	533.3	.	524.6
Spain	393	375	22.9	38.9	31.9	6.3	4.1	0.0	0.9	525.2	514.1	516.0	529.0	519.3	.	514.8
Sweden	212	205	8.7	34.2	46.8	10.3	3.9	0.0	0.0	547.2	538.8	539.4	542.9	539.8	.	.
Turkey	251	251	10.4	28.4	52.7	8.5	0.0	0.0	0.0	493.3	486.6	480.2	480.3	.	.	.
United Arab Emirates	840	779	38.5	40.1	19.1	2.4	5.8	0.0	1.1	461.1	463.3	411.3	448.0	417.7	.	550.4
United States	492	435	29.5	30.9	32.8	6.8	12.7	0.0	0.3	550.2	541.4	545.6	545.4	547.0	.	575.2
International Avg (n=47)	13512	12888	17.8	35.5	39.6	7.1	3.7	0.0	0.5	509.9	505.7	505.4	497.5	501.0	.	497.3
Buenos Aires, Argentina	291	131	30.0	36.9	28.3	4.8	53.6	0.0	0.3	429.9	407.6	422.9	419.3	416.5	.	448.2
Ontario, Canada	275	251	10.5	31.3	47.9	10.3	6.3	0.0	2.9	523.1	538.9	527.9	532.7	512.1	.	539.6
Quebec, Canada	151	143	29.2	30.0	37.5	3.3	5.2	0.0	0.0	518.3	535.1	520.8	508.4	534.7	.	.
Norway (4)	223	198	11.2	23.4	49.3	16.2	9.9	0.0	0.0	499.6	499.7	491.1	485.8	491.1	.	.
Abu Dhabi, UAE	212	187	35.5	33.3	28.9	2.3	9.0	0.0	0.9	450.7	416.8	374.3	347.1	398.9	.	545.9
Dubai, UAE	290	275	36.4	46.5	15.2	1.9	2.2	0.0	2.5	509.9	527.6	501.1	526.3	512.5	.	553.8
Florida, US	120	93	30.3	32.2	27.4	10.1	20.6	0.0	0.9	550.3	542.0	563.2	546.7	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Work as a group on implementing the curriculum  
 Location: TQG-09f (ATBG09F)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	436	40.6	37.7	19.3	2.5	5.7	0.0	1.2	529.0	527.9	510.2	508.2	510.2	.	525.4
Bahrain	345	339	37.9	35.4	19.9	6.8	1.9	0.0	0.4	456.3	461.9	464.6	446.5	420.5	.	535.4
Belgium (Flemish)	295	287	8.5	30.4	46.5	14.6	1.2	0.0	1.1	495.2	519.2	510.3	509.2	500.5	.	518.8
Bulgaria	233	233	38.1	47.4	13.4	1.1	0.0	0.0	0.0	542.4	529.6	537.3	547.8	.	.	.
Canada	699	652	17.8	33.1	35.2	14.0	5.5	0.0	1.3	516.2	527.6	529.7	516.7	520.0	.	546.2
Chile	180	162	6.3	25.0	49.8	18.9	6.9	0.0	2.6	509.0	469.6	484.3	467.2	473.8	.	445.6
Chinese Taipei	178	178	9.6	31.6	38.9	19.8	0.0	0.0	0.0	559.4	556.0	556.4	549.9	.	.	.
Croatia	223	220	36.1	43.8	18.9	1.3	1.5	0.0	0.0	537.2	528.7	535.3	566.1	531.0	.	.
Cyprus	242	238	15.2	49.5	31.0	4.4	1.1	0.0	0.5	472.4	481.6	485.3	476.4	494.5	.	485.2
Czech Republic	265	263	6.2	27.9	55.4	10.5	0.8	0.0	0.0	544.4	532.8	532.8	540.4	542.1	.	.
Denmark	196	166	3.4	20.3	47.8	28.5	11.8	0.0	1.5	510.9	524.6	526.0	531.1	530.3	.	521.7
England	214	194	41.1	33.6	22.8	2.5	5.1	0.0	0.0	537.8	533.6	537.7	548.5	521.2	.	.
Finland	341	329	8.5	30.3	54.2	7.0	4.3	0.0	0.0	548.3	552.1	555.3	554.8	557.2	.	488.3
France	273	261	13.5	37.6	42.8	6.1	4.0	0.0	0.2	488.5	486.9	491.5	468.3	471.5	.	543.7
Georgia	188	186	23.4	52.6	23.7	0.3	0.7	0.0	0.5	453.5	453.3	445.0	447.4	438.4	.	444.4
Germany	226	196	13.1	39.8	41.8	5.3	10.8	0.0	1.9	537.1	528.1	526.5	524.3	534.0	.	499.8
Hong Kong SAR	148	144	16.9	43.3	36.8	3.0	1.1	0.0	0.9	559.3	561.7	550.8	537.5	549.3	.	564.6
Hungary	244	237	11.5	39.0	42.4	7.2	1.1	0.0	2.3	541.8	528.7	555.9	537.6	588.9	.	504.7
Indonesia	293	292	17.5	56.6	23.5	2.4	0.0	0.0	0.5	411.8	395.8	389.2	366.7	.	.	452.9
Iran, Islamic Rep. of	291	290	30.1	35.9	29.4	4.6	0.0	0.0	0.1	417.8	405.6	439.0	446.1	.	.	483.3
Ireland	214	214	20.2	46.6	26.5	6.7	0.0	0.0	0.0	528.3	532.1	522.9	531.4	.	.	.
Italy	257	246	12.5	38.9	34.8	13.8	3.9	0.0	0.0	520.7	518.7	512.5	516.1	517.3	.	.
Japan	157	155	5.7	33.3	50.2	10.7	0.3	0.0	0.7	566.8	569.2	571.3	559.6	545.1	.	565.8
Kazakhstan	239	237	18.3	69.7	12.0	0.0	0.5	0.0	0.4	548.7	551.5	546.0	.	529.8	.	384.3
Korea, Rep. of	182	181	45.8	39.6	13.8	0.7	0.6	0.0	0.0	593.5	588.1	579.2	581.8	594.1	.	.
Kuwait	294	280	56.7	32.2	9.8	1.3	7.6	0.0	0.2	348.1	333.4	299.8	318.1	323.0	.	428.3
Lithuania	291	285	13.5	48.4	35.4	2.7	1.1	0.0	0.0	525.6	527.5	530.4	521.3	492.7	.	374.7
Morocco	367	352	14.5	23.2	36.2	26.1	4.4	0.0	0.0	404.1	360.2	334.5	343.3	338.3	.	.
Netherlands	223	169	5.1	38.4	40.9	15.6	21.4	0.0	1.2	488.6	518.8	516.4	524.6	516.1	.	531.6
New Zealand	461	441	34.5	38.4	24.0	3.0	2.2	0.0	1.9	503.9	507.3	508.1	494.4	483.8	.	509.8
Northern Ireland	154	130	42.4	35.0	18.9	3.8	17.4	0.0	0.8	518.8	524.4	516.7	531.4	514.8	.	521.0
Norway	227	196	7.8	38.9	42.0	11.3	11.9	0.0	0.5	530.5	539.7	540.4	535.7	527.0	.	572.1
Oman	357	348	48.3	31.6	16.9	3.2	0.4	0.0	2.3	438.7	425.1	424.8	383.6	395.6	.	465.0
Poland	254	252	2.4	19.2	57.8	20.5	0.0	0.0	0.7	535.1	546.0	548.8	545.7	.	.	531.5
Portugal	322	305	30.5	38.3	29.5	1.7	5.1	0.0	0.8	512.0	508.0	504.8	494.9	502.5	.	541.0
Qatar	227	225	64.5	27.0	7.2	1.3	0.0	0.0	0.6	434.0	437.0	454.1	438.1	.	.	427.1
Russian Federation	217	216	18.1	55.8	22.8	3.3	0.0	0.0	0.4	570.9	565.7	560.5	626.1	.	.	505.1
Saudi Arabia	189	187	23.3	39.1	25.1	12.5	0.5	0.0	0.5	417.9	389.3	379.2	363.5	351.8	.	463.1
Serbia	192	192	54.8	29.7	14.7	0.8	0.0	0.0	0.0	531.0	516.3	516.7	528.6	.	.	.
Singapore	358	351	15.2	47.3	32.6	4.9	1.5	0.0	0.7	604.1	591.4	585.0	580.8	598.2	.	534.6
Slovak Republic	328	326	40.4	41.6	14.0	4.0	0.7	0.0	0.1	520.7	519.2	523.8	511.1	567.2	.	518.5
Slovenia	256	242	16.1	45.8	33.8	4.4	5.4	0.0	0.2	549.3	541.7	545.4	519.2	533.3	.	505.9
Spain	393	376	30.0	43.2	21.8	5.0	4.1	0.0	0.2	527.9	512.1	516.7	519.5	519.3	.	466.7
Sweden	212	205	11.0	31.5	39.2	18.3	3.9	0.0	0.0	547.1	542.4	538.6	535.6	539.8	.	.
Turkey	251	251	10.7	31.8	44.0	13.5	0.0	0.0	0.0	492.5	480.7	483.9	480.8	.	.	.
United Arab Emirates	840	781	52.1	33.7	12.1	2.1	5.7	0.0	1.1	467.3	444.2	423.6	377.5	417.5	.	541.1
United States	492	435	35.3	33.8	24.5	6.5	12.7	0.0	0.3	547.8	548.0	538.9	549.0	547.0	.	540.6
International Avg (n=47)	13512	12881	23.9	37.9	30.5	7.6	3.7	0.0	0.6	509.4	505.2	504.0	500.1	501.0	.	499.6
Buenos Aires, Argentina	291	131	30.4	33.2	28.8	7.6	53.6	0.0	0.3	422.6	418.6	413.3	430.1	416.5	.	448.2
Ontario, Canada	275	252	9.8	29.2	44.1	16.9	6.3	0.0	2.6	523.2	539.9	530.7	521.9	512.1	.	546.2
Quebec, Canada	151	143	22.6	36.0	26.2	15.1	5.2	0.0	0.0	514.3	529.6	528.8	516.5	534.7	.	.
Norway (4)	223	197	12.9	34.8	42.8	9.5	9.9	0.0	0.3	497.1	496.7	491.9	483.4	491.1	.	426.7
Abu Dhabi, UAE	212	187	47.4	34.9	13.7	4.0	9.0	0.0	0.9	436.0	412.8	362.1	365.2	398.9	.	545.9
Dubai, UAE	290	276	52.2	34.6	12.4	0.8	2.2	0.0	2.3	529.3	508.2	490.3	520.0	512.5	.	558.7
Florida, US	120	93	35.0	32.3	24.2	8.5	20.6	0.0	0.9	549.6	551.7	547.1	562.9	542.1	.	499.0

Question: How often do you have the following types of interactions with other teachers? Work with teachers from other grades to ensure continuity in learning  
 Location: TQG-09g (ATBG09G)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	438	10.1	24.1	44.4	21.3	5.7	0.0	0.6	514.1	533.0	527.2	515.6	510.2	.	460.0
Bahrain	345	339	25.1	34.3	32.5	8.1	1.9	0.0	0.4	461.8	459.9	459.1	449.7	420.5	.	535.4
Belgium (Flemish)	295	290	5.3	27.0	54.4	13.3	1.2	0.0	0.3	490.6	517.7	513.0	502.0	500.5	.	525.6
Bulgaria	233	233	37.8	40.1	21.3	0.9	0.0	0.0	0.0	538.1	538.8	524.4	565.6	.	.	.
Canada	699	652	8.4	22.7	50.6	18.3	5.5	0.0	1.3	519.4	525.1	525.1	526.1	520.0	.	546.2
Chile	180	162	3.3	15.6	46.3	34.9	6.9	0.0	2.6	495.4	478.6	478.1	478.6	473.8	.	445.6
Chinese Taipei	178	178	5.9	25.7	46.3	22.1	0.0	0.0	0.0	561.2	557.4	554.4	553.1	.	.	.
Croatia	223	220	21.1	40.4	33.2	5.4	1.5	0.0	0.0	534.0	533.8	532.0	538.6	531.0	.	.
Cyprus	242	238	13.7	45.1	32.6	8.6	1.1	0.0	0.5	475.9	479.2	486.8	478.3	494.5	.	485.2
Czech Republic	265	263	11.2	33.3	48.8	6.7	0.8	0.0	0.0	543.8	531.4	533.0	542.5	542.1	.	.
Denmark	196	167	2.6	12.9	34.9	49.6	11.8	0.0	1.0	495.2	526.7	527.4	527.6	530.3	.	530.8
England	214	194	20.1	32.0	36.9	11.0	5.1	0.0	0.0	538.0	539.4	536.1	527.7	521.2	.	.
Finland	341	327	8.5	28.4	53.5	9.5	4.3	0.0	0.4	554.6	554.3	553.9	553.3	557.2	.	474.1
France	273	261	12.8	40.4	38.4	8.5	4.0	0.0	0.2	488.9	490.2	487.6	477.4	471.5	.	546.6
Georgia	188	186	17.8	50.6	30.8	0.8	0.7	0.0	0.5	456.6	453.9	444.4	448.0	438.4	.	444.4
Germany	226	197	11.0	32.7	41.5	14.7	10.8	0.0	1.6	554.7	522.0	528.8	521.5	534.0	.	499.6
Hong Kong SAR	148	144	10.2	34.1	45.9	9.9	1.1	0.0	0.9	546.2	560.1	561.0	534.5	549.3	.	564.6
Hungary	244	237	9.5	49.5	38.6	2.4	1.1	0.0	2.3	537.6	541.9	543.0	560.0	588.9	.	504.7
Indonesia	293	292	14.5	55.0	27.7	2.8	0.0	0.0	0.5	408.8	399.4	388.0	355.3	.	.	452.9
Iran, Islamic Rep. of	291	289	28.9	35.6	30.8	4.7	0.0	0.0	0.4	405.6	415.8	435.8	450.2	.	.	515.2
Ireland	214	214	8.6	35.6	37.2	18.6	0.0	0.0	0.0	527.5	532.0	524.7	532.0	.	.	.
Italy	257	243	9.3	36.0	43.0	11.7	3.9	0.0	1.3	507.7	520.4	516.1	510.6	517.3	.	531.9
Japan	157	156	2.1	20.1	55.7	22.1	0.3	0.0	0.0	566.4	563.2	571.3	569.2	545.1	.	.
Kazakhstan	239	234	20.5	67.4	12.1	0.0	0.5	0.0	1.5	564.5	547.1	543.2	.	529.8	.	512.1
Korea, Rep. of	182	181	28.1	22.2	35.4	14.3	0.6	0.0	0.0	590.3	586.2	591.8	586.1	594.1	.	.
Kuwait	294	279	36.5	32.3	25.7	5.4	7.6	0.0	0.3	346.3	331.8	338.5	321.7	323.0	.	364.8
Lithuania	291	285	10.2	37.1	46.4	6.3	1.1	0.0	0.0	529.0	517.0	535.9	534.6	492.7	.	374.7
Morocco	367	352	10.7	22.4	38.9	28.0	4.4	0.0	0.0	373.3	382.6	341.3	337.2	338.3	.	.
Netherlands	223	169	9.7	47.9	35.9	6.6	21.4	0.0	1.3	509.9	520.5	516.6	516.7	516.1	.	491.9
New Zealand	461	440	13.6	28.1	39.9	18.4	2.2	0.0	2.0	496.7	509.4	507.8	503.2	483.8	.	510.2
Northern Ireland	154	130	23.9	28.0	34.8	13.3	17.4	0.0	0.8	509.8	526.7	525.7	515.4	514.8	.	521.0
Norway	227	196	4.4	11.3	50.3	34.0	11.9	0.0	0.5	516.8	552.0	542.4	532.1	527.0	.	572.1
Oman	357	350	33.1	38.7	24.0	4.2	0.4	0.0	1.7	432.3	427.7	434.0	426.0	395.6	.	456.4
Poland	254	252	14.3	50.3	30.9	4.6	0.0	0.0	0.5	541.4	545.5	551.4	558.2	.	.	525.1
Portugal	322	302	9.9	28.9	46.3	14.9	5.1	0.0	1.9	511.6	510.1	508.7	498.9	502.5	.	531.8
Qatar	227	225	38.5	29.3	26.0	6.2	0.0	0.0	0.6	418.6	423.3	473.4	452.2	.	.	427.1
Russian Federation	217	216	13.1	51.9	31.9	3.0	0.0	0.0	0.4	565.1	566.6	569.8	568.2	.	.	505.1
Saudi Arabia	189	188	24.4	41.3	25.6	8.7	0.5	0.0	0.0	421.1	391.7	370.9	357.0	351.8	.	.
Serbia	192	192	23.2	46.8	26.0	4.0	0.0	0.0	0.0	531.1	525.2	518.8	515.3	.	.	.
Singapore	358	351	5.7	27.9	43.9	22.4	1.5	0.0	0.7	602.2	593.5	589.9	586.1	598.2	.	534.6
Slovak Republic	328	326	30.4	45.6	21.7	2.3	0.7	0.0	0.1	524.9	518.2	518.5	511.3	567.2	.	518.5
Slovenia	256	241	8.9	37.8	46.1	7.2	5.4	0.0	0.8	535.2	545.0	542.2	550.7	533.3	.	524.6
Spain	393	375	17.4	32.6	40.2	9.8	4.1	0.0	0.2	525.8	516.4	515.3	523.0	519.3	.	469.2
Sweden	212	205	3.2	14.5	52.2	30.1	3.9	0.0	0.0	551.6	551.4	542.2	530.3	539.8	.	.
Turkey	251	251	7.4	24.8	50.4	17.3	0.0	0.0	0.0	506.0	484.4	481.7	477.2	.	.	.
United Arab Emirates	840	780	30.9	35.9	26.6	6.7	5.7	0.0	1.1	458.9	450.8	458.3	405.9	417.5	.	540.0
United States	492	435	13.6	20.5	44.9	21.1	12.7	0.0	0.3	559.0	539.8	546.7	541.0	547.0	.	540.6
International Avg (n=47)	13512	12875	15.5	33.9	37.9	12.7	3.7	0.0	0.6	507.3	507.2	506.7	501.4	501.0	.	499.5
Buenos Aires, Argentina	291	131	28.3	42.6	20.7	8.4	53.6	0.0	0.3	426.3	421.6	411.4	402.2	416.5	.	448.2
Ontario, Canada	275	252	5.0	21.1	48.9	25.0	6.3	0.0	2.6	525.4	532.8	531.4	530.5	512.1	.	546.2
Quebec, Canada	151	143	12.1	26.7	48.8	12.4	5.2	0.0	0.0	528.2	515.2	528.6	520.4	534.7	.	.
Norway (4)	223	198	3.0	10.3	58.4	28.3	9.9	0.0	0.0	490.4	493.8	494.3	491.0	491.1	.	.
Abu Dhabi, UAE	212	187	25.8	38.0	23.7	12.5	9.0	0.0	0.9	440.9	432.4	386.7	361.7	398.9	.	545.9
Dubai, UAE	290	275	28.3	31.3	34.8	5.5	2.2	0.0	2.4	506.1	517.9	525.5	516.1	512.5	.	556.2
Florida, US	120	93	12.5	17.6	45.2	24.6	20.6	0.0	0.9	561.5	542.5	559.9	534.6	542.1	.	499.0



Question: How often do you feel the following way about being a teacher? I am content with my profession as a teacher  
 Location: TQG-10a (ATBG10A)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	50.7	42.5	6.6	0.2	5.7	0.0	1.1	524.8	527.4	510.9	531.6	510.2	.	473.9
Bahrain	345	339	60.6	29.6	9.5	0.4	1.9	0.0	0.4	462.5	453.4	456.2	483.0	420.5	.	535.4
Belgium (Flemish)	295	289	47.5	44.1	8.4	0.0	1.2	0.0	0.5	510.1	514.1	505.6	.	500.5	.	543.4
Bulgaria	233	232	34.7	47.9	16.7	0.7	0.0	0.0	0.5	530.9	540.4	537.9	414.1	.	.	530.0
Canada	699	650	52.1	36.7	11.0	0.2	5.5	0.0	1.5	522.9	525.0	533.2	511.8	520.0	.	542.0
Chile	180	159	67.4	29.3	2.4	0.9	6.9	0.0	4.4	480.9	477.1	474.8	466.6	473.8	.	447.5
Chinese Taipei	178	178	54.5	37.1	7.8	0.6	0.0	0.0	0.0	555.0	557.5	543.9	592.2	.	.	.
Croatia	223	220	65.6	31.7	2.7	0.0	1.5	0.0	0.0	533.3	532.9	544.0	.	531.0	.	.
Cyprus	242	234	43.4	40.4	16.2	0.0	1.1	0.0	2.3	481.2	477.0	483.8	.	494.5	.	531.9
Czech Republic	265	263	37.0	52.0	10.7	0.2	0.8	0.0	0.0	536.7	532.1	538.5	466.8	542.1	.	.
Denmark	196	169	40.0	45.1	14.1	0.8	11.8	0.0	0.0	530.8	520.5	535.5	504.0	530.3	.	.
England	214	194	34.1	44.9	20.0	0.9	5.1	0.0	0.0	543.6	533.2	532.4	538.6	521.2	.	.
Finland	341	329	47.9	45.8	6.3	0.0	4.3	0.0	0.2	553.5	554.8	547.1	.	557.2	.	537.7
France	273	260	26.4	53.9	19.0	0.7	4.0	0.0	0.8	490.0	489.7	481.2	483.2	471.5	.	481.8
Georgia	188	187	49.5	40.8	9.3	0.4	0.7	0.0	0.0	453.8	447.5	459.1	355.0	438.4	.	.
Germany	226	201	48.5	46.1	5.5	0.0	10.8	0.0	0.0	532.7	522.3	531.1	.	534.0	.	.
Hong Kong SAR	148	144	36.6	44.6	18.3	0.5	1.1	0.0	0.9	569.6	551.5	542.7	552.1	549.3	.	564.6
Hungary	244	238	29.2	58.7	12.1	0.0	1.1	0.0	1.5	544.1	541.7	539.1	.	588.9	.	501.1
Indonesia	293	289	59.8	33.3	5.8	1.1	0.0	0.0	1.4	396.7	399.0	369.8	371.1	.	.	470.1
Iran, Islamic Rep. of	291	291	81.8	14.6	3.4	0.2	0.0	0.0	0.0	419.5	431.6	421.0	297.1	.	.	.
Ireland	214	214	57.3	33.8	8.9	0.0	0.0	0.0	0.0	527.2	535.4	515.1	.	.	.	.
Italy	257	245	37.7	49.8	11.1	1.3	3.9	0.0	0.4	515.6	518.8	510.6	499.5	517.3	.	527.2
Japan	157	156	30.6	49.0	19.7	0.7	0.3	0.0	0.0	568.7	572.0	563.3	539.6	545.1	.	.
Kazakhstan	239	235	66.6	32.0	1.5	0.0	0.5	0.0	1.0	546.6	554.6	631.4	.	529.8	.	474.9
Korea, Rep. of	182	181	54.9	38.5	6.6	0.0	0.6	0.0	0.0	590.1	588.4	587.7	.	594.1	.	.
Kuwait	294	281	59.2	26.9	10.4	3.5	7.6	0.0	0.0	339.4	348.5	313.2	318.8	323.0	.	.
Lithuania	291	285	49.1	44.4	6.5	0.0	1.1	0.0	0.8	532.8	522.0	532.2	.	492.7	.	536.9
Morocco	367	352	61.8	29.1	7.7	1.4	4.4	0.0	0.0	355.3	352.8	323.7	405.2	338.3	.	.
Netherlands	223	171	40.6	49.2	10.2	0.0	21.4	0.0	0.0	519.4	513.9	526.4	.	516.1	.	.
New Zealand	461	439	44.2	40.2	15.0	0.6	2.2	0.0	2.7	508.8	507.4	495.4	468.9	483.8	.	506.5
Northern Ireland	154	128	53.8	38.1	8.1	0.0	17.4	0.0	1.6	524.5	517.6	511.9	.	514.8	.	518.5
Norway	227	196	43.8	49.0	7.2	0.0	11.9	0.0	0.5	541.2	537.0	536.6	.	527.0	.	572.1
Oman	357	352	68.5	22.4	8.8	0.3	0.4	0.0	0.8	430.5	430.9	435.0	439.8	395.6	.	442.2
Poland	254	253	29.3	56.7	14.0	0.0	0.0	0.0	0.4	552.3	545.7	543.7	.	.	.	510.7
Portugal	322	305	43.1	39.0	17.9	0.0	5.1	0.0	0.8	513.6	505.4	500.5	454.5	502.5	.	541.0
Qatar	227	223	74.7	19.2	6.0	0.1	0.0	0.0	1.2	430.5	445.7	461.8	560.4	.	.	502.0
Russian Federation	217	217	43.4	52.6	4.0	0.0	0.0	0.0	0.0	566.6	568.7	553.7	.	.	.	.
Saudi Arabia	189	187	60.2	35.7	2.5	1.7	0.5	0.0	0.4	400.2	377.3	382.7	316.3	351.8	.	481.5
Serbia	192	189	60.1	31.8	8.1	0.0	0.0	0.0	1.6	524.0	527.7	516.5	.	.	.	520.3
Singapore	358	351	34.5	52.1	12.8	0.6	1.5	0.0	0.7	595.4	587.5	593.3	554.6	598.2	.	534.6
Slovak Republic	328	326	47.7	38.3	13.7	0.4	0.7	0.0	0.3	520.4	521.8	515.9	472.2	567.2	.	514.0
Slovenia	256	242	45.6	51.8	2.6	0.0	5.4	0.0	0.2	544.6	541.7	547.3	.	533.3	.	505.9
Spain	393	374	56.6	32.9	10.5	0.0	4.1	0.0	1.1	525.3	512.1	504.0	.	519.3	.	465.8
Sweden	212	205	31.4	54.3	13.3	1.1	3.9	0.0	0.0	549.0	536.7	536.8	504.0	539.8	.	.
Turkey	251	250	54.7	36.9	7.6	0.8	0.0	0.0	0.2	485.2	487.0	458.6	430.9	.	.	466.0
United Arab Emirates	840	770	63.0	28.8	7.4	0.8	5.8	0.0	2.5	455.3	454.7	416.6	405.1	417.9	.	506.3
United States	492	435	44.2	37.0	17.6	1.2	12.7	0.0	0.3	547.7	548.3	536.1	536.4	547.0	.	549.4
International Avg (n=47)	13512	12865	49.4	40.2	9.9	0.5	3.7	0.0	0.7	508.1	506.1	502.9	464.6	501.0	.	510.8
Buenos Aires, Argentina	291	131	71.3	24.6	4.1	0.0	53.6	0.0	0.3	427.9	401.3	375.8	.	416.5	.	448.2
Ontario, Canada	275	251	50.1	38.4	11.0	0.4	6.3	0.0	2.9	529.8	531.6	537.4	511.8	512.1	.	541.7
Quebec, Canada	151	143	48.7	41.0	10.3	0.0	5.2	0.0	0.0	524.5	519.1	540.9	.	534.7	.	.
Norway (4)	223	197	45.0	44.0	11.1	0.0	10.1	0.0	0.0	498.9	489.5	484.4	.	491.3	.	.
Abu Dhabi, UAE	212	184	59.5	33.0	5.8	1.7	9.0	0.0	2.9	410.0	430.2	367.8	397.4	398.9	.	485.0
Dubai, UAE	290	271	60.5	31.6	7.3	0.6	2.4	0.0	3.8	518.7	516.0	496.5	404.6	508.2	.	581.9
Florida, US	120	93	37.2	46.5	13.0	3.3	20.6	0.0	0.9	556.5	551.5	537.0	530.4	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? I am satisfied with being a teacher at this school  
Location: TQG-10b (ATBG10B)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	56.5	35.6	7.3	0.5	5.7	0.0	1.1	529.8	521.9	504.2	509.8	510.2	.	473.9
Bahrain	345	339	54.1	32.8	8.0	5.1	1.9	0.0	0.4	466.4	455.6	444.0	430.8	420.5	.	535.4
Belgium (Flemish)	295	289	56.3	36.9	6.1	0.8	1.2	0.0	0.5	516.8	505.5	497.7	518.9	500.5	.	543.4
Bulgaria	233	232	47.2	39.9	12.8	0.2	0.0	0.0	0.5	538.9	540.0	510.1	561.2	.	.	530.0
Canada	699	649	53.9	37.4	8.3	0.5	5.5	0.0	1.6	525.5	524.6	522.3	515.9	520.0	.	537.8
Chile	180	159	46.3	45.8	7.0	0.9	6.9	0.0	4.4	485.3	477.6	464.2	398.1	473.8	.	447.5
Chinese Taipei	178	178	44.5	38.5	17.0	0.0	0.0	0.0	0.0	556.2	554.6	554.4	.	.	.	.
Croatia	223	220	65.4	31.7	3.0	0.0	1.5	0.0	0.0	534.0	531.3	545.7	.	531.0	.	.
Cyprus	242	234	44.0	43.3	10.2	2.5	1.1	0.0	2.3	481.5	478.8	475.9	488.8	494.5	.	531.9
Czech Republic	265	263	54.8	40.1	5.1	0.0	0.8	0.0	0.0	535.1	534.5	524.2	.	542.1	.	.
Denmark	196	168	49.5	38.2	11.4	0.9	11.8	0.0	0.4	529.6	520.3	536.3	504.0	530.3	.	527.6
England	214	194	41.1	44.5	12.3	2.1	5.1	0.0	0.0	538.5	539.0	526.0	512.8	521.2	.	.
Finland	341	329	47.2	45.4	7.4	0.0	4.3	0.0	0.2	554.9	553.8	545.3	.	557.2	.	537.7
France	273	261	44.2	43.0	12.8	0.0	4.0	0.0	0.3	494.5	487.2	469.4	.	471.5	.	472.8
Georgia	188	187	66.3	30.7	3.0	0.0	0.7	0.0	0.0	456.1	443.6	424.3	.	438.4	.	.
Germany	226	201	63.7	29.1	6.5	0.6	10.8	0.0	0.0	530.2	523.8	526.6	475.4	534.0	.	.
Hong Kong SAR	148	144	25.6	53.0	20.0	1.4	1.1	0.0	0.9	570.8	556.5	538.6	555.8	549.3	.	564.6
Hungary	244	238	43.4	46.9	9.2	0.5	1.1	0.0	1.5	548.7	539.6	522.3	568.5	588.9	.	501.1
Indonesia	293	288	60.8	33.1	4.6	1.5	0.0	0.0	1.7	397.8	398.5	369.0	341.2	.	.	444.3
Iran, Islamic Rep. of	291	291	68.7	21.0	8.4	1.9	0.0	0.0	0.0	422.2	414.7	426.0	425.8	.	.	.
Ireland	214	214	67.9	23.0	7.4	1.7	0.0	0.0	0.0	531.2	529.0	516.0	492.4	.	.	.
Italy	257	241	40.1	48.0	11.2	0.7	3.9	0.0	2.5	514.4	519.1	510.9	472.3	517.3	.	534.0
Japan	157	156	30.5	48.4	19.8	1.3	0.3	0.0	0.0	570.4	570.3	564.6	563.2	545.1	.	.
Kazakhstan	239	234	68.0	30.6	1.5	0.0	0.5	0.0	1.3	552.8	546.8	545.1	.	529.8	.	462.1
Korea, Rep. of	182	181	50.4	32.6	13.0	4.0	0.6	0.0	0.0	592.6	588.8	579.2	585.1	594.1	.	.
Kuwait	294	281	56.6	30.5	10.0	2.9	7.6	0.0	0.0	342.9	341.7	307.7	320.1	323.0	.	.
Lithuania	291	285	57.2	39.4	3.0	0.5	1.1	0.0	0.8	529.5	526.1	525.8	519.2	492.7	.	536.9
Morocco	367	352	48.5	32.9	13.1	5.5	4.4	0.0	0.0	355.6	353.1	348.6	336.4	338.3	.	.
Netherlands	223	171	59.4	32.8	7.6	0.2	21.4	0.0	0.0	515.7	519.3	521.8	543.9	516.1	.	.
New Zealand	461	440	47.0	38.3	14.1	0.6	2.2	0.0	2.5	509.3	506.1	495.8	468.6	483.8	.	507.7
Northern Ireland	154	129	61.1	28.2	10.7	0.0	17.4	0.0	1.3	522.2	521.5	512.5	.	514.8	.	510.3
Norway	227	196	51.0	41.1	8.0	0.0	11.9	0.0	0.5	541.6	535.6	537.8	.	527.0	.	572.1
Oman	357	352	71.3	22.4	5.1	1.1	0.4	0.0	0.8	435.4	422.7	414.2	396.6	395.6	.	442.2
Poland	254	254	43.5	48.8	7.4	0.4	0.0	0.0	0.0	550.9	545.8	535.4	526.3	.	.	.
Portugal	322	305	58.7	33.8	7.2	0.3	5.1	0.0	0.8	513.8	502.4	490.2	460.7	502.5	.	541.0
Qatar	227	224	71.3	23.3	5.0	0.4	0.0	0.0	0.8	434.4	434.8	470.6	386.6	.	.	459.2
Russian Federation	217	216	50.9	45.4	3.7	0.0	0.0	0.0	0.4	567.5	566.9	565.4	.	.	.	573.1
Saudi Arabia	189	185	53.7	27.8	13.8	4.7	0.5	0.0	1.5	406.4	375.6	366.6	358.5	351.8	.	419.9
Serbia	192	190	61.4	32.5	5.2	1.0	0.0	0.0	1.3	524.3	525.3	524.7	520.7	.	.	516.7
Singapore	358	350	31.4	46.8	20.8	1.0	1.5	0.0	1.0	594.6	589.8	590.6	548.4	598.2	.	521.0
Slovak Republic	328	326	54.4	34.0	11.5	0.1	0.7	0.0	0.3	526.2	514.8	509.4	350.3	567.2	.	514.0
Slovenia	256	241	57.2	37.4	5.4	0.0	5.4	0.0	0.5	545.2	542.8	524.7	.	533.3	.	532.0
Spain	393	373	58.9	31.0	9.2	0.9	4.1	0.0	1.6	523.1	519.5	489.9	512.6	519.3	.	479.2
Sweden	212	205	43.4	43.8	12.6	0.3	3.9	0.0	0.0	548.0	534.5	533.4	537.3	539.8	.	.
Turkey	251	250	43.0	39.1	16.2	1.7	0.0	0.0	0.2	498.1	482.2	455.0	414.0	.	.	466.0
United Arab Emirates	840	770	58.6	29.5	10.0	1.9	5.8	0.0	2.3	460.6	446.9	432.6	377.0	417.9	.	499.0
United States	492	434	50.9	30.4	17.2	1.6	12.7	0.0	0.5	552.6	544.1	529.7	540.1	547.0	.	522.5
International Avg (n=47)	13512	12856	52.8	36.6	9.6	1.1	3.7	0.0	0.8	510.0	504.4	496.3	473.3	501.0	.	508.0
Buenos Aires, Argentina	291	131	73.5	20.5	5.1	0.8	53.6	0.0	0.3	425.9	400.4	402.0	395.8	416.5	.	448.2
Ontario, Canada	275	251	53.1	36.9	9.6	0.4	6.3	0.0	2.9	532.9	531.8	521.1	511.8	512.1	.	541.7
Quebec, Canada	151	143	46.4	45.8	6.7	1.1	5.2	0.0	0.0	525.3	523.3	519.6	518.8	534.7	.	.
Norway (4)	223	198	53.7	30.8	14.3	1.1	9.9	0.0	0.0	497.5	490.3	484.7	476.7	491.1	.	.
Abu Dhabi, UAE	212	185	47.0	35.7	13.1	4.2	9.0	0.0	2.2	422.5	419.0	379.7	390.1	398.9	.	494.5
Dubai, UAE	290	271	57.0	29.1	13.8	0.1	2.4	0.0	3.1	518.2	520.0	500.0	488.9	508.2	.	579.6
Florida, US	120	93	40.7	36.5	20.4	2.4	20.6	0.0	0.9	560.9	557.0	523.8	512.9	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? I find my work full of meaning and purpose  
 Location: TQG-10c (ATBG10C)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	62.4	32.5	5.1	0.1	5.7	0.0	1.1	529.2	516.6	527.4	500.1	510.2	.	473.9
Bahrain	345	339	68.9	25.9	5.2	0.0	1.9	0.0	0.4	460.3	457.6	454.5	.	420.5	.	535.4
Belgium (Flemish)	295	289	64.2	33.2	2.6	0.0	1.2	0.0	0.5	513.2	509.3	495.7	.	500.5	.	543.4
Bulgaria	233	232	62.0	31.8	5.9	0.3	0.0	0.0	0.5	534.5	546.1	491.4	575.5	.	.	530.0
Canada	699	650	69.0	23.3	7.6	0.1	5.5	0.0	1.5	523.6	525.5	533.3	533.7	520.0	.	542.0
Chile	180	159	78.1	20.6	1.3	0.0	6.9	0.0	4.4	481.2	473.5	474.8	.	473.8	.	447.5
Chinese Taipei	178	178	51.0	40.3	8.2	0.6	0.0	0.0	0.0	555.2	555.6	551.5	592.2	.	.	.
Croatia	223	220	61.7	35.0	3.3	0.0	1.5	0.0	0.0	535.1	530.4	535.2	.	531.0	.	.
Cyprus	242	238	41.3	44.9	13.8	0.0	1.1	0.0	0.5	485.2	476.6	483.5	.	494.5	.	485.2
Czech Republic	265	263	42.3	41.5	16.2	0.0	0.8	0.0	0.0	539.3	530.7	530.5	.	542.1	.	.
Denmark	196	169	50.9	42.1	7.0	0.0	11.8	0.0	0.0	526.7	528.4	515.1	.	530.3	.	.
England	214	194	47.9	40.3	11.2	0.6	5.1	0.0	0.0	539.5	537.6	522.1	510.7	521.2	.	.
Finland	341	329	54.2	44.3	1.5	0.0	4.3	0.0	0.2	554.2	553.2	549.0	.	557.2	.	537.7
France	273	261	40.3	46.8	13.0	0.0	4.0	0.0	0.3	489.3	485.7	493.1	.	471.5	.	472.8
Georgia	188	187	81.4	17.5	1.0	0.0	0.7	0.0	0.0	453.5	441.4	450.2	.	438.4	.	.
Germany	226	201	64.3	34.8	0.9	0.0	10.8	0.0	0.0	529.6	524.7	520.1	.	534.0	.	.
Hong Kong SAR	148	144	35.9	48.0	15.4	0.7	1.1	0.0	0.9	569.7	551.2	543.3	537.2	549.3	.	564.6
Hungary	244	238	43.4	52.1	3.3	1.2	1.1	0.0	1.5	544.5	541.8	539.7	470.8	588.9	.	501.1
Indonesia	293	289	68.0	30.0	2.1	0.0	0.0	0.0	1.4	397.0	392.5	396.9	.	.	.	470.1
Iran, Islamic Rep. of	291	291	88.9	10.6	0.5	0.0	0.0	0.0	0.0	419.8	433.9	368.3	.	.	.	.
Ireland	214	213	58.4	30.3	11.4	0.0	0.0	0.0	0.4	530.4	530.6	516.1	.	.	.	543.2
Italy	257	244	55.8	37.6	5.6	1.0	3.9	0.0	0.6	514.9	520.1	510.2	485.0	517.3	.	534.3
Japan	157	155	32.4	52.8	14.2	0.7	0.3	0.0	0.7	567.9	570.8	565.7	539.6	545.1	.	590.2
Kazakhstan	239	233	61.5	37.4	1.2	0.0	0.5	0.0	1.7	558.6	538.6	535.6	.	529.8	.	481.4
Korea, Rep. of	182	181	57.7	34.2	8.2	0.0	0.6	0.0	0.0	591.0	588.3	581.2	.	594.1	.	.
Kuwait	294	280	67.8	28.4	2.6	1.3	7.6	0.0	0.3	341.5	335.2	297.1	313.8	323.0	.	378.6
Lithuania	291	285	67.6	31.1	1.3	0.0	1.1	0.0	0.8	529.8	524.9	505.3	.	492.7	.	536.9
Morocco	367	352	62.9	30.5	5.8	0.8	4.4	0.0	0.0	358.7	345.4	340.5	260.7	338.3	.	.
Netherlands	223	171	61.8	32.3	6.0	0.0	21.4	0.0	0.0	517.6	515.7	524.1	.	516.1	.	.
New Zealand	461	439	51.3	40.4	8.0	0.3	2.2	0.0	2.7	511.4	502.0	493.8	443.1	483.8	.	507.0
Northern Ireland	154	127	61.6	33.7	4.7	0.0	17.4	0.0	2.2	522.9	520.5	501.0	.	514.8	.	510.5
Norway	227	196	67.0	29.0	3.6	0.5	11.9	0.0	0.5	540.3	536.3	539.5	473.4	527.0	.	572.1
Oman	357	352	86.5	11.4	1.5	0.7	0.4	0.0	0.8	431.9	421.7	447.0	443.5	395.6	.	442.2
Poland	254	254	31.6	55.4	13.0	0.0	0.0	0.0	0.0	546.5	549.1	540.6	.	.	.	.
Portugal	322	304	71.0	25.3	3.7	0.0	5.1	0.0	0.9	511.7	499.8	496.0	.	502.5	.	537.7
Qatar	227	224	75.0	23.2	1.7	0.0	0.0	0.0	0.8	438.2	429.3	434.3	.	.	.	459.2
Russian Federation	217	217	60.3	37.6	2.2	0.0	0.0	0.0	0.0	566.9	566.1	594.6	.	.	.	.
Saudi Arabia	189	187	64.7	28.4	6.3	0.5	0.5	0.0	0.4	397.4	381.2	364.2	295.9	351.8	.	481.5
Serbia	192	190	76.3	20.2	3.5	0.0	0.0	0.0	1.3	525.4	523.3	514.4	.	.	.	516.7
Singapore	358	351	39.8	49.0	10.7	0.5	1.5	0.0	0.7	593.6	585.2	607.7	546.5	598.2	.	534.6
Slovak Republic	328	326	54.7	36.0	8.9	0.4	0.7	0.0	0.3	524.1	522.8	486.4	495.6	567.2	.	514.0
Slovenia	256	242	54.7	43.6	1.7	0.0	5.4	0.0	0.2	543.7	542.4	548.7	.	533.3	.	505.9
Spain	393	373	54.3	36.4	9.3	0.0	4.1	0.0	1.1	521.1	519.2	503.4	.	519.3	.	466.2
Sweden	212	205	69.4	28.4	2.2	0.0	3.9	0.0	0.0	542.8	535.9	515.2	.	539.8	.	.
Turkey	251	248	81.1	17.1	1.6	0.2	0.0	0.0	0.6	487.3	467.4	459.8	468.6	.	.	474.8
United Arab Emirates	840	771	69.2	25.6	4.9	0.3	5.8	0.0	2.2	455.1	455.9	407.8	291.1	417.9	.	484.7
United States	492	434	57.0	31.9	10.8	0.4	12.7	0.0	0.5	546.2	547.7	539.5	526.5	547.0	.	522.5
International Avg (n=47)	13512	12862	60.2	33.7	5.9	0.2	3.7	0.0	0.7	508.5	504.0	496.7	465.2	501.0	.	506.0
Buenos Aires, Argentina	291	131	80.1	17.6	2.3	0.0	53.6	0.0	0.3	425.8	395.7	367.4	.	416.5	.	448.2
Ontario, Canada	275	251	61.5	28.2	10.1	0.1	6.3	0.0	2.9	529.0	533.3	539.7	533.7	512.1	.	541.7
Quebec, Canada	151	143	76.8	17.5	5.7	0.0	5.2	0.0	0.0	525.6	519.0	516.2	.	534.7	.	.
Norway (4)	223	197	70.5	24.0	5.5	0.0	9.9	0.0	0.4	495.0	489.0	484.9	.	491.1	.	548.7
Abu Dhabi, UAE	212	185	60.8	30.5	7.9	0.8	9.0	0.0	2.2	422.9	421.0	335.4	291.1	398.9	.	494.5
Dubai, UAE	290	273	64.4	29.9	5.7	0.0	2.4	0.0	2.6	515.5	518.6	509.7	.	508.2	.	593.3
Florida, US	120	93	44.9	39.0	14.8	1.2	20.6	0.0	0.9	557.5	554.1	524.9	514.5	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? I am enthusiastic about my job  
 Location: TQG-10d (ATBG10D)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	60.7	35.9	3.4	0.0	5.7	0.0	1.1	528.8	519.3	517.9	486.8	510.2	.	473.9
Bahrain	345	339	57.9	34.6	7.5	0.0	1.9	0.0	0.4	459.7	459.0	457.5	.	420.5	.	535.4
Belgium (Flemish)	295	289	53.0	39.9	7.1	0.0	1.2	0.0	0.5	512.4	510.5	509.8	.	500.5	.	543.4
Bulgaria	233	232	43.4	42.9	13.7	0.0	0.0	0.0	0.5	535.4	539.6	524.8	.	.	.	530.0
Canada	699	649	54.0	39.1	6.9	0.1	5.5	0.0	1.6	525.3	522.9	532.7	529.3	520.0	.	538.3
Chile	180	157	71.8	26.7	1.4	0.0	6.9	0.0	5.8	480.7	477.1	453.3	.	473.8	.	457.7
Chinese Taipei	178	178	51.9	36.5	10.4	1.2	0.0	0.0	0.0	556.1	556.2	548.5	552.3	.	.	.
Croatia	223	220	63.6	33.1	3.3	0.0	1.5	0.0	0.0	534.0	532.8	531.4	.	531.0	.	.
Cyprus	242	238	41.8	41.5	15.4	1.3	1.1	0.0	0.5	485.4	478.1	477.2	487.7	494.5	.	485.2
Czech Republic	265	263	33.4	46.7	19.3	0.6	0.8	0.0	0.0	538.2	533.6	528.9	546.0	542.1	.	.
Denmark	196	168	31.7	41.0	25.3	1.9	11.8	0.0	0.5	529.3	521.6	530.5	524.0	530.3	.	570.2
England	214	194	48.4	40.2	11.4	0.0	5.1	0.0	0.0	536.1	538.5	532.3	.	521.2	.	.
Finland	341	329	40.8	52.4	6.7	0.0	4.3	0.0	0.2	553.4	554.0	553.1	.	557.2	.	537.7
France	273	261	29.7	48.2	20.8	1.2	4.0	0.0	0.3	495.0	484.3	488.0	474.2	471.5	.	472.8
Georgia	188	186	72.6	27.0	0.4	0.0	0.7	0.0	0.4	454.6	443.1	475.5	.	438.4	.	397.8
Germany	226	201	43.9	44.8	10.6	0.6	10.8	0.0	0.0	530.3	525.2	528.4	534.6	534.0	.	.
Hong Kong SAR	148	144	34.7	55.9	8.7	0.7	1.1	0.0	0.9	565.8	553.7	539.2	537.2	549.3	.	564.6
Hungary	244	238	47.0	49.8	2.6	0.6	1.1	0.0	1.5	539.6	545.6	558.6	392.1	588.9	.	501.1
Indonesia	293	289	61.8	35.4	2.6	0.2	0.0	0.0	1.4	393.9	397.4	422.8	274.8	.	.	470.1
Iran, Islamic Rep. of	291	291	84.1	14.7	0.9	0.2	0.0	0.0	0.0	417.8	438.3	468.6	297.1	.	.	.
Ireland	214	214	65.0	32.5	2.5	0.0	0.0	0.0	0.0	531.7	524.9	506.8	.	.	.	.
Italy	257	244	45.8	38.8	12.5	3.0	3.9	0.0	1.1	513.3	521.6	518.1	491.9	517.3	.	512.2
Japan	157	156	27.9	56.1	15.3	0.7	0.3	0.0	0.0	568.8	571.2	563.2	539.6	545.1	.	.
Kazakhstan	239	234	63.0	37.0	0.0	0.0	0.5	0.0	1.3	553.0	547.1	.	.	529.8	.	462.1
Korea, Rep. of	182	181	57.6	34.2	8.2	0.0	0.6	0.0	0.0	593.4	584.2	581.7	.	594.1	.	.
Kuwait	294	279	62.5	27.9	7.6	2.0	7.6	0.0	0.5	338.7	341.1	329.4	309.8	323.0	.	389.6
Lithuania	291	284	51.8	42.9	4.8	0.4	1.1	0.0	0.8	532.1	523.8	519.4	558.1	492.7	.	529.5
Morocco	367	350	62.8	30.9	6.1	0.2	4.4	0.0	0.5	359.0	347.0	329.1	233.2	338.3	.	277.5
Netherlands	223	171	56.6	38.1	5.3	0.0	21.4	0.0	0.0	518.3	517.0	510.2	.	516.1	.	.
New Zealand	461	440	52.6	40.7	6.7	0.0	2.2	0.0	2.5	510.3	500.3	506.2	.	483.8	.	507.7
Northern Ireland	154	129	62.9	30.1	7.0	0.0	17.4	0.0	1.3	520.7	524.3	509.0	.	514.8	.	510.3
Norway	227	196	54.2	40.0	5.8	0.0	11.9	0.0	0.5	539.2	538.7	536.2	.	527.0	.	572.1
Oman	357	352	69.7	23.9	6.1	0.3	0.4	0.0	0.8	431.9	432.3	421.1	326.1	395.6	.	442.2
Poland	254	254	43.1	50.3	6.6	0.0	0.0	0.0	0.0	548.3	546.4	545.4	.	.	.	.
Portugal	322	301	37.6	44.9	17.5	0.0	5.1	0.0	1.8	512.2	507.6	500.8	.	502.5	.	520.5
Qatar	227	224	77.6	18.9	3.5	0.0	0.0	0.0	0.8	438.5	426.7	433.1	.	.	.	459.2
Russian Federation	217	216	54.0	45.0	0.9	0.0	0.0	0.0	0.5	562.7	572.9	583.6	.	.	.	505.6
Saudi Arabia	189	187	54.4	37.9	6.4	1.3	0.5	0.0	0.4	403.4	381.5	341.9	325.9	351.8	.	481.5
Serbia	192	188	57.2	30.9	11.9	0.0	0.0	0.0	2.3	523.8	529.2	515.7	.	.	.	523.1
Singapore	358	351	37.2	49.5	12.8	0.5	1.5	0.0	0.7	592.8	587.2	599.4	572.4	598.2	.	534.6
Slovak Republic	328	326	39.3	40.0	19.2	1.5	0.7	0.0	0.3	521.6	523.6	512.7	485.2	567.2	.	514.0
Slovenia	256	242	41.8	50.8	7.4	0.0	5.4	0.0	0.2	543.9	544.0	533.2	.	533.3	.	505.9
Spain	393	374	66.4	27.2	6.4	0.0	4.1	0.0	1.1	521.7	513.7	509.6	.	519.3	.	465.8
Sweden	212	205	45.3	44.1	9.9	0.6	3.9	0.0	0.0	544.0	541.7	514.8	566.4	539.8	.	.
Turkey	251	249	55.9	35.2	8.4	0.5	0.0	0.0	0.6	489.0	474.0	486.4	419.8	.	.	516.7
United Arab Emirates	840	771	67.6	27.1	5.1	0.2	5.8	0.0	2.1	461.7	441.2	389.0	376.3	417.9	.	500.1
United States	492	434	49.7	39.7	10.0	0.6	12.7	0.0	0.5	546.4	548.2	534.4	539.0	547.0	.	522.5
International Avg (n=47)	13512	12855	52.9	38.3	8.3	0.4	3.7	0.0	0.8	508.3	505.2	500.2	455.2	501.0	.	495.2
Buenos Aires, Argentina	291	131	78.0	19.2	2.3	0.5	53.6	0.0	0.3	426.7	396.8	361.6	369.3	416.5	.	448.2
Ontario, Canada	275	251	53.8	40.9	5.2	0.0	6.3	0.0	2.9	530.4	530.5	546.3	.	512.1	.	541.7
Quebec, Canada	151	142	49.4	39.8	10.9	0.0	5.2	0.0	0.4	527.1	520.0	525.6	.	534.7	.	484.3
Norway (4)	223	198	51.0	39.3	9.7	0.0	9.9	0.0	0.0	497.4	490.7	481.7	.	491.1	.	.
Abu Dhabi, UAE	212	185	63.7	28.6	7.3	0.4	9.0	0.0	2.2	424.0	410.9	347.9	312.4	398.9	.	494.5
Dubai, UAE	290	272	69.6	26.5	3.6	0.3	2.4	0.0	2.8	522.6	505.4	474.1	468.7	508.2	.	588.5
Florida, US	120	93	52.4	37.3	9.2	1.0	20.6	0.0	0.9	560.1	547.5	517.0	500.4	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? My work inspires me  
 Location: TQG-10e (ATBG10E)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	437	52.4	39.8	7.3	0.5	5.7	0.0	1.1	527.0	522.6	519.1	584.1	510.2	.	473.9
Bahrain	345	339	56.5	32.4	9.5	1.6	1.9	0.0	0.4	463.0	452.4	467.9	413.9	420.5	.	535.4
Belgium (Flemish)	295	289	40.1	40.2	19.5	0.2	1.2	0.0	0.5	510.1	513.4	510.7	460.3	500.5	.	543.4
Bulgaria	233	232	43.4	43.5	13.2	0.0	0.0	0.0	0.5	538.7	534.5	530.1	.	.	.	530.0
Canada	699	648	50.6	36.9	12.1	0.5	5.5	0.0	1.8	525.4	522.0	530.9	510.4	520.0	.	543.1
Chile	180	156	65.1	31.3	2.7	0.9	6.9	0.0	6.0	484.3	472.2	452.4	466.6	473.8	.	456.3
Chinese Taipei	178	178	44.9	37.9	16.7	0.6	0.0	0.0	0.0	557.6	555.0	548.4	592.2	.	.	.
Croatia	223	220	58.6	34.9	6.5	0.0	1.5	0.0	0.0	533.8	532.9	533.8	.	531.0	.	.
Cyprus	242	237	43.6	39.3	16.1	1.0	1.1	0.0	0.7	483.6	478.0	480.9	492.7	494.5	.	497.2
Czech Republic	265	263	37.0	42.5	20.3	0.3	0.8	0.0	0.0	539.2	533.3	527.1	556.0	542.1	.	.
Denmark	196	169	27.4	43.5	27.7	1.4	11.8	0.0	0.0	528.3	522.9	531.2	517.7	530.3	.	.
England	214	194	44.0	38.1	17.9	0.0	5.1	0.0	0.0	537.0	536.5	536.0	.	521.2	.	.
Finland	341	329	38.7	50.6	10.7	0.0	4.3	0.0	0.2	554.5	553.4	552.3	.	557.2	.	537.7
France	273	261	35.1	48.2	14.7	2.0	4.0	0.0	0.3	495.5	486.6	476.1	482.6	471.5	.	472.8
Georgia	188	187	60.1	35.9	4.0	0.0	0.7	0.0	0.0	448.9	454.6	458.6	.	438.4	.	.
Germany	226	201	34.6	48.0	17.2	0.1	10.8	0.0	0.0	529.1	526.9	528.2	471.8	534.0	.	.
Hong Kong SAR	148	144	30.5	48.5	21.0	0.0	1.1	0.0	0.9	570.1	553.8	543.3	.	549.3	.	564.6
Hungary	244	238	46.2	49.2	3.9	0.6	1.1	0.0	1.5	538.9	545.8	557.2	392.1	588.9	.	501.1
Indonesia	293	289	58.0	37.0	4.0	1.0	0.0	0.0	1.4	396.0	395.7	397.0	360.9	.	.	470.1
Iran, Islamic Rep. of	291	290	83.6	15.0	1.3	0.0	0.0	0.0	0.2	421.3	421.1	392.9	.	.	.	469.1
Ireland	214	214	55.9	33.1	9.6	1.5	0.0	0.0	0.0	531.3	527.4	518.3	539.7	.	.	.
Italy	257	245	51.3	41.1	5.7	1.9	3.9	0.0	0.4	514.8	519.4	513.1	505.6	517.3	.	527.2
Japan	157	156	26.2	57.2	16.0	0.7	0.3	0.0	0.0	566.5	571.0	567.7	539.6	545.1	.	.
Kazakhstan	239	234	61.1	37.2	1.6	0.0	0.5	0.0	1.3	549.4	555.3	503.9	.	529.8	.	462.1
Korea, Rep. of	182	181	56.5	34.0	9.5	0.0	0.6	0.0	0.0	592.6	585.1	584.4	.	594.1	.	.
Kuwait	294	280	58.0	27.2	12.4	2.4	7.6	0.0	0.3	339.6	343.0	328.1	305.6	323.0	.	365.2
Lithuania	291	284	44.0	47.3	8.7	0.0	1.1	0.0	0.8	529.2	526.4	531.3	.	492.7	.	529.5
Morocco	367	350	54.7	30.4	13.4	1.5	4.4	0.0	0.6	361.0	349.1	336.3	264.3	338.3	.	385.7
Netherlands	223	170	45.4	41.4	13.2	0.0	21.4	0.0	0.5	516.6	517.9	519.4	.	516.1	.	501.9
New Zealand	461	439	49.7	38.9	10.9	0.5	2.2	0.0	2.6	510.5	503.2	496.5	483.0	483.8	.	506.9
Northern Ireland	154	127	54.2	32.2	13.6	0.0	17.4	0.0	3.1	523.6	519.7	515.2	.	514.8	.	511.2
Norway	227	196	47.1	44.6	8.3	0.0	11.9	0.0	0.5	539.6	538.5	536.2	.	527.0	.	572.1
Oman	357	352	66.4	25.8	7.5	0.3	0.4	0.0	0.8	433.4	428.6	422.5	326.1	395.6	.	442.2
Poland	254	254	36.0	50.3	13.7	0.0	0.0	0.0	0.0	548.2	546.4	547.5	.	.	.	.
Portugal	322	302	42.9	46.4	10.0	0.7	5.1	0.0	1.4	510.6	508.0	497.6	523.4	502.5	.	516.9
Qatar	227	224	68.1	26.5	5.4	0.0	0.0	0.0	0.8	437.6	429.2	450.9	.	.	.	459.2
Russian Federation	217	217	43.0	48.9	8.1	0.0	0.0	0.0	0.0	565.5	569.3	563.7	.	.	.	.
Saudi Arabia	189	187	59.8	29.3	10.5	0.4	0.5	0.0	0.4	397.3	378.6	383.3	355.3	351.8	.	481.5
Serbia	192	190	63.6	32.6	3.7	0.0	0.0	0.0	1.3	526.8	521.5	513.5	.	.	.	516.7
Singapore	358	351	34.0	48.6	16.4	1.0	1.5	0.0	0.7	594.5	585.1	601.3	566.1	598.2	.	534.6
Slovak Republic	328	326	45.4	39.7	14.8	0.1	0.7	0.0	0.3	523.7	519.1	513.1	320.3	567.2	.	514.0
Slovenia	256	242	40.8	51.4	7.8	0.0	5.4	0.0	0.2	546.0	541.3	541.0	.	533.3	.	505.9
Spain	393	374	61.8	31.1	7.2	0.0	4.1	0.0	1.1	520.9	515.8	513.1	.	519.3	.	465.8
Sweden	212	204	42.2	46.2	10.6	1.0	3.9	0.0	0.4	543.8	539.6	527.2	564.8	539.8	.	511.5
Turkey	251	249	55.0	34.8	10.0	0.3	0.0	0.0	0.6	489.2	478.2	467.9	457.8	.	.	516.7
United Arab Emirates	840	769	66.4	25.4	7.4	0.8	5.8	0.0	2.3	460.7	445.6	415.5	355.4	417.9	.	479.0
United States	492	433	47.3	37.1	14.7	0.8	12.7	0.0	1.2	547.4	547.4	536.7	525.1	547.0	.	553.6
International Avg (n=47)	13512	12851	49.5	39.0	11.0	0.5	3.7	0.0	0.8	508.6	504.8	500.4	461.9	501.0	.	498.7
Buenos Aires, Argentina	291	131	69.9	27.6	2.0	0.5	53.6	0.0	0.3	428.0	399.3	399.6	369.3	416.5	.	448.2
Ontario, Canada	275	250	48.1	37.3	14.4	0.2	6.3	0.0	3.3	531.0	527.6	541.1	533.7	512.1	.	542.6
Quebec, Canada	151	143	52.7	38.8	8.5	0.0	5.2	0.0	0.0	526.2	521.6	520.2	.	534.7	.	.
Norway (4)	223	198	46.6	37.1	16.4	0.0	9.9	0.0	0.0	499.7	492.1	477.4	.	491.1	.	.
Abu Dhabi, UAE	212	184	64.7	26.1	7.9	1.3	9.0	0.0	2.6	422.0	416.8	362.8	353.7	398.9	.	455.8
Dubai, UAE	290	273	63.2	30.3	6.2	0.3	2.4	0.0	2.6	525.8	501.4	491.7	468.7	508.2	.	593.3
Florida, US	120	93	45.8	35.7	17.2	1.2	20.6	0.0	0.9	559.8	542.0	547.9	514.5	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? I am proud of the work I do  
 Location: TQG-10f (ATBG10F)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	436	66.3	30.4	3.3	0.0	5.7	0.0	1.2	525.9	525.2	506.8	.	510.2	.	479.8
Bahrain	345	339	72.2	24.5	3.3	0.0	1.9	0.0	0.4	460.8	455.4	454.8	.	420.5	.	535.4
Belgium (Flemish)	295	289	51.0	37.7	11.3	0.0	1.2	0.0	0.5	509.8	513.9	511.0	.	500.5	.	543.4
Bulgaria	233	232	50.8	36.5	12.7	0.0	0.0	0.0	0.5	538.9	533.4	530.0	.	.	.	530.0
Canada	699	650	59.5	36.1	4.4	0.0	5.5	0.0	1.5	522.8	526.5	538.6	.	520.0	.	542.0
Chile	180	157	76.8	20.4	1.9	0.9	6.9	0.0	5.6	479.2	482.8	458.4	466.6	473.8	.	456.6
Chinese Taipei	178	178	49.3	38.7	11.5	0.6	0.0	0.0	0.0	556.7	554.9	548.5	592.2	.	.	.
Croatia	223	220	60.2	33.9	5.9	0.0	1.5	0.0	0.0	534.2	532.6	531.6	.	531.0	.	.
Cyprus	242	233	49.2	39.4	10.4	1.0	1.1	0.0	2.7	482.0	475.4	486.6	492.7	494.5	.	523.3
Czech Republic	265	263	36.6	34.6	27.8	1.1	0.8	0.0	0.0	535.7	534.3	532.2	541.9	542.1	.	.
Denmark	196	169	30.3	51.8	16.1	1.8	11.8	0.0	0.0	528.7	523.7	532.0	524.4	530.3	.	.
England	214	194	55.1	37.1	7.8	0.0	5.1	0.0	0.0	538.2	535.4	531.0	.	521.2	.	.
Finland	341	329	47.4	42.3	10.4	0.0	4.3	0.0	0.2	553.3	552.2	561.4	.	557.2	.	537.7
France	273	260	32.2	38.6	27.8	1.3	4.0	0.0	0.7	491.9	487.3	486.0	460.9	471.5	.	487.9
Georgia	188	187	70.9	20.6	8.5	0.0	0.7	0.0	0.0	453.8	444.7	447.3	.	438.4	.	.
Germany	226	201	39.5	44.7	15.4	0.3	10.8	0.0	0.0	528.2	525.7	533.7	478.6	534.0	.	.
Hong Kong SAR	148	144	30.8	47.0	19.1	3.1	1.1	0.0	0.9	570.1	556.1	539.2	535.5	549.3	.	564.6
Hungary	244	238	46.5	44.0	9.5	0.0	1.1	0.0	1.5	541.7	546.8	521.9	.	588.9	.	501.1
Indonesia	293	289	49.0	39.3	10.8	0.9	0.0	0.0	1.4	390.8	400.3	404.1	350.8	.	.	470.1
Iran, Islamic Rep. of	291	291	76.6	17.4	2.7	3.4	0.0	0.0	0.0	421.0	422.3	405.1	427.6	.	.	.
Ireland	214	214	63.9	30.5	5.6	0.0	0.0	0.0	0.0	529.7	527.1	529.6	.	.	.	.
Italy	257	245	54.0	36.6	8.3	1.2	3.9	0.0	0.4	515.7	519.4	513.4	476.2	517.3	.	527.2
Japan	157	156	36.2	50.9	13.0	0.0	0.3	0.0	0.0	568.6	571.7	560.3	.	545.1	.	.
Kazakhstan	239	234	69.6	28.1	2.3	0.0	0.5	0.0	1.3	553.6	545.0	538.4	.	529.8	.	462.1
Korea, Rep. of	182	181	65.0	28.3	6.7	0.0	0.6	0.0	0.0	589.2	590.4	585.7	.	594.1	.	.
Kuwait	294	281	72.2	23.3	3.5	1.0	7.6	0.0	0.0	340.3	338.4	300.3	331.7	323.0	.	.
Lithuania	291	285	52.5	37.1	10.3	0.0	1.1	0.0	0.8	527.1	529.0	529.1	.	492.7	.	536.9
Morocco	367	352	71.8	23.1	5.2	0.0	4.4	0.0	0.0	354.9	349.1	340.7	.	338.3	.	.
Netherlands	223	171	65.6	27.0	7.4	0.0	21.4	0.0	0.0	515.2	519.8	527.8	.	516.1	.	.
New Zealand	461	440	58.8	38.0	3.2	0.0	2.2	0.0	2.5	511.1	499.6	486.2	.	483.8	.	507.7
Northern Ireland	154	129	66.9	28.7	4.4	0.0	17.4	0.0	1.3	522.0	519.0	518.2	.	514.8	.	510.3
Norway	227	194	46.6	46.7	6.7	0.0	11.9	0.0	1.3	540.3	537.4	534.8	.	527.0	.	567.6
Oman	357	352	82.9	13.2	3.8	0.0	0.4	0.0	0.8	433.6	417.6	422.2	.	395.6	.	442.2
Poland	254	254	25.4	49.4	24.5	0.7	0.0	0.0	0.0	545.2	546.9	549.5	559.5	.	.	.
Portugal	322	303	72.5	24.6	2.9	0.0	5.1	0.0	1.0	509.8	504.4	499.3	.	502.5	.	527.6
Qatar	227	224	80.3	18.3	1.4	0.0	0.0	0.0	0.8	437.3	429.5	453.3	.	.	.	459.2
Russian Federation	217	217	43.2	47.4	9.4	0.0	0.0	0.0	0.0	562.5	570.9	570.1	.	.	.	.
Saudi Arabia	189	187	68.9	29.5	1.1	0.5	0.5	0.0	0.4	400.2	365.5	465.6	295.9	351.8	.	481.5
Serbia	192	190	75.7	19.3	5.0	0.0	0.0	0.0	1.3	524.1	525.5	528.9	.	.	.	516.7
Singapore	358	351	39.5	49.6	10.9	0.0	1.5	0.0	0.7	596.2	583.5	604.0	.	598.2	.	534.6
Slovak Republic	328	326	46.9	37.3	13.9	1.9	0.7	0.0	0.3	520.4	524.7	506.3	526.5	567.2	.	514.0
Slovenia	256	241	56.1	40.3	3.6	0.0	5.4	0.0	0.6	544.0	544.5	518.0	.	533.3	.	518.0
Spain	393	374	61.8	32.9	5.3	0.0	4.1	0.0	1.1	520.8	514.3	521.5	.	519.3	.	465.8
Sweden	212	205	41.2	46.2	11.7	1.0	3.9	0.0	0.0	545.7	539.0	539.7	370.9	539.8	.	.
Turkey	251	249	74.0	21.9	3.9	0.3	0.0	0.0	0.6	486.3	471.6	490.9	457.8	.	.	516.7
United Arab Emirates	840	770	74.6	22.1	3.2	0.1	5.8	0.0	2.1	459.3	436.1	401.1	373.1	417.9	.	502.0
United States	492	433	62.2	32.2	5.5	0.0	12.7	0.0	0.7	547.7	546.3	523.7	.	547.0	.	528.8
International Avg (n=47)	13512	12857	57.0	34.0	8.6	0.4	3.7	0.0	0.8	507.8	504.2	502.5	459.0	501.0	.	509.7
Buenos Aires, Argentina	291	131	78.5	19.4	2.1	0.0	53.6	0.0	0.3	425.5	395.0	407.0	.	416.5	.	448.2
Ontario, Canada	275	251	58.2	39.2	2.6	0.0	6.3	0.0	2.9	528.1	536.1	529.6	.	512.1	.	541.7
Quebec, Canada	151	143	54.9	36.0	9.1	0.0	5.2	0.0	0.0	521.9	521.7	545.2	.	534.7	.	.
Norway (4)	223	198	50.0	39.7	9.9	0.4	9.9	0.0	0.0	494.2	493.6	487.6	467.6	491.1	.	.
Abu Dhabi, UAE	212	185	66.7	27.6	5.4	0.2	9.0	0.0	2.2	421.6	405.4	374.4	309.4	398.9	.	494.5
Dubai, UAE	290	272	74.6	23.3	2.1	0.0	2.4	0.0	2.9	520.1	501.6	524.3	.	508.2	.	591.9
Florida, US	120	93	68.9	25.7	3.9	1.5	20.6	0.0	0.9	553.8	552.2	496.9	528.5	542.1	.	499.0

Question: How often do you feel the following way about being a teacher? I am going to continue teaching for as long as I can  
 Location: TQG-10g (ATBG10G)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	436	54.5	34.9	9.5	1.1	5.7	0.0	1.1	522.6	526.5	534.0	522.3	510.2	.	474.8
Bahrain	345	339	51.6	30.5	11.4	6.5	1.9	0.0	0.4	455.9	462.7	464.4	461.2	420.5	.	535.4
Belgium (Flemish)	295	287	48.6	37.3	13.9	0.2	1.2	0.0	1.8	511.9	509.4	513.2	494.5	500.5	.	540.1
Bulgaria	233	231	59.6	34.8	4.8	0.8	0.0	0.0	0.8	536.2	536.8	513.6	580.5	.	.	538.9
Canada	699	648	57.1	26.6	13.4	2.9	5.6	0.0	1.7	523.6	522.4	532.8	528.2	521.3	.	542.8
Chile	180	156	63.0	25.5	9.8	1.7	6.9	0.0	6.0	479.7	480.7	478.1	448.7	473.8	.	460.2
Chinese Taipei	178	177	52.2	34.9	11.6	1.3	0.0	0.0	0.3	556.0	557.1	545.0	563.0	.	.	591.7
Croatia	223	220	65.1	30.3	4.2	0.4	1.5	0.0	0.0	532.5	536.2	528.3	538.3	531.0	.	.
Cyprus	242	231	58.6	35.7	5.4	0.3	1.1	0.0	3.7	478.1	481.4	485.6	472.6	494.5	.	520.4
Czech Republic	265	263	46.4	36.5	14.6	2.5	0.8	0.0	0.0	534.1	534.5	534.8	532.9	542.1	.	.
Denmark	196	169	36.6	26.0	32.4	5.0	11.8	0.0	0.0	529.0	522.6	526.2	531.8	530.3	.	.
England	214	194	36.1	34.1	21.4	8.5	5.1	0.0	0.0	535.7	542.8	528.8	535.5	521.2	.	.
Finland	341	328	40.4	43.9	12.9	2.8	4.3	0.0	0.5	554.8	552.4	556.9	546.6	557.2	.	528.7
France	273	259	33.7	39.9	15.3	11.2	4.0	0.0	1.1	486.8	492.1	480.9	485.4	471.5	.	504.2
Georgia	188	186	69.5	24.5	6.0	0.0	0.7	0.0	0.8	452.7	448.8	441.4	.	438.4	.	486.7
Germany	226	197	56.9	35.2	6.6	1.3	10.8	0.0	0.8	528.0	530.9	520.4	507.4	534.0	.	475.0
Hong Kong SAR	148	144	37.5	47.1	14.6	0.7	1.1	0.0	0.9	562.2	554.2	550.5	537.2	549.3	.	564.6
Hungary	244	236	58.2	32.8	7.6	1.4	1.1	0.0	2.4	538.9	545.3	559.6	558.4	588.9	.	484.4
Indonesia	293	287	62.6	31.4	5.5	0.6	0.0	0.0	2.2	396.3	399.5	363.1	427.5	.	.	439.7
Iran, Islamic Rep. of	291	291	81.1	13.1	4.7	1.1	0.0	0.0	0.0	417.4	432.3	445.8	444.2	.	.	.
Ireland	214	214	56.3	26.9	15.2	1.6	0.0	0.0	0.0	530.8	531.9	518.0	514.0	.	.	.
Italy	257	240	43.9	29.3	18.2	8.7	3.9	0.0	3.1	513.4	519.1	517.6	506.9	517.3	.	551.5
Japan	157	156	36.9	41.9	18.6	2.7	0.3	0.0	0.0	568.4	572.1	564.8	560.5	545.1	.	.
Kazakhstan	239	234	67.9	29.8	2.4	0.0	0.5	0.0	1.3	555.5	543.4	511.2	.	529.8	.	462.1
Korea, Rep. of	182	181	61.1	32.7	5.9	0.3	0.6	0.0	0.0	587.3	592.3	592.5	592.4	594.1	.	.
Kuwait	294	280	60.4	22.5	13.6	3.5	7.6	0.0	0.3	343.7	338.8	319.1	317.0	323.0	.	365.2
Lithuania	291	284	37.7	39.1	15.7	7.5	1.1	0.0	0.9	531.0	527.7	529.1	512.5	492.7	.	533.9
Morocco	367	351	48.2	32.3	12.3	7.2	4.4	0.0	0.3	349.8	363.3	341.1	348.9	338.3	.	289.5
Netherlands	223	169	40.2	34.1	19.5	6.2	21.4	0.0	1.3	513.2	522.3	517.9	517.6	516.1	.	512.7
New Zealand	461	438	47.1	31.8	16.5	4.6	2.2	0.0	3.3	512.1	503.2	503.3	489.7	483.8	.	482.8
Northern Ireland	154	128	54.4	34.8	10.2	0.5	17.4	0.0	1.6	519.6	523.3	519.4	516.2	514.8	.	518.5
Norway	227	193	37.2	42.4	17.7	2.7	11.9	0.0	2.1	538.2	540.9	533.8	545.6	527.0	.	549.2
Oman	357	351	52.3	25.7	13.3	8.8	0.4	0.0	1.3	429.4	424.4	435.7	451.0	395.6	.	450.4
Poland	254	251	24.9	39.7	28.5	6.9	0.0	0.0	0.9	551.2	542.1	553.3	536.6	.	.	548.4
Portugal	322	299	72.7	20.2	5.8	1.3	5.1	0.0	2.2	511.7	496.7	504.3	512.9	502.5	.	513.6
Qatar	227	224	75.5	18.9	3.5	2.1	0.0	0.0	0.8	435.2	419.7	511.9	487.6	.	.	459.2
Russian Federation	217	217	41.0	44.3	12.9	1.8	0.0	0.0	0.0	561.6	573.1	569.8	532.5	.	.	.
Saudi Arabia	189	187	50.7	28.1	14.6	6.6	0.5	0.0	0.4	405.2	369.6	400.3	339.8	351.8	.	481.5
Serbia	192	190	68.4	25.7	5.6	0.4	0.0	0.0	1.3	523.4	526.7	526.8	567.5	.	.	516.7
Singapore	358	351	35.7	46.5	15.6	2.2	1.5	0.0	0.7	597.9	587.3	584.8	590.7	598.2	.	534.6
Slovak Republic	328	326	55.6	35.2	8.5	0.7	0.7	0.0	0.3	523.7	513.6	526.8	489.4	567.2	.	514.0
Slovenia	256	242	64.4	30.2	5.2	0.3	5.4	0.0	0.2	543.2	540.6	554.2	598.2	533.3	.	505.9
Spain	393	370	66.9	24.3	7.9	1.0	4.1	0.0	2.6	521.1	514.2	513.0	531.6	519.3	.	492.3
Sweden	212	205	36.8	33.0	25.3	5.0	3.9	0.0	0.0	539.6	539.3	546.0	520.9	539.8	.	.
Turkey	251	249	64.5	27.3	6.4	1.7	0.0	0.0	0.6	482.8	490.5	467.6	439.0	.	.	516.7
United Arab Emirates	840	769	65.8	21.4	10.0	2.8	5.8	0.0	2.3	458.5	439.6	441.6	432.2	417.9	.	503.4
United States	492	434	46.7	29.0	18.7	5.5	12.7	0.0	0.5	545.8	548.9	542.3	542.7	547.0	.	522.5
International Avg (n=47)	13512	12812	52.8	32.0	12.2	3.0	3.7	0.0	1.1	506.9	505.8	505.3	504.7	501.1	.	500.3
Buenos Aires, Argentina	291	131	82.9	14.6	2.5	0.0	53.6	0.0	0.3	424.9	396.0	366.1	.	416.5	.	448.2
Ontario, Canada	275	250	57.9	25.5	13.8	2.9	6.3	0.0	3.2	529.2	530.6	541.2	529.4	512.1	.	542.5
Quebec, Canada	151	143	60.9	25.5	10.4	3.3	5.2	0.0	0.0	523.8	520.2	532.3	529.8	534.7	.	.
Norway (4)	223	198	38.1	37.9	20.3	3.7	9.9	0.0	0.0	497.5	492.4	486.0	496.7	491.1	.	.
Abu Dhabi, UAE	212	184	64.9	22.9	9.7	2.4	9.0	0.0	2.7	414.8	390.6	450.0	455.5	398.9	.	502.5
Dubai, UAE	290	272	63.3	23.2	11.7	1.8	2.4	0.0	3.0	522.8	519.0	486.3	431.0	508.2	.	585.2
Florida, US	120	93	43.7	37.0	14.4	5.0	20.6	0.0	0.9	559.2	547.6	538.6	536.1	542.1	.	499.0

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-11a (ATBG11A)

Country	Sample	Valid N	1.Agre e a lot %	2.Agre e a little %	3.Disa gree a little %	4.Disa gree a lot %	Not Admini stered %	Not Applic able %	Omitte d %	1.Agre e a lot Mean	2.Agre e a little Mean	3.Disa gree a little Mean	4.Disa gree a lot Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	436	25.3	43.7	13.2	17.8	5.7	0.0	0.6	525.8	517.0	524.7	542.7	510.2	.	471.8
Bahrain	345	339	35.8	32.0	10.5	21.7	1.9	0.0	0.4	460.9	458.1	469.6	453.2	420.5	.	535.4
Belgium (Flemish)	295	287	23.9	34.6	32.4	9.1	1.2	0.0	1.0	515.6	510.7	510.3	509.2	500.5	.	514.6
Bulgaria	233	230	20.3	31.5	26.1	22.1	0.0	0.0	0.7	539.6	532.4	534.9	537.2	.	.	553.1
Canada	699	648	36.2	34.4	19.7	9.7	5.5	0.0	1.8	525.2	524.0	530.3	514.5	520.0	.	539.7
Chile	180	162	43.5	28.3	13.6	14.6	6.9	0.0	2.5	473.8	472.3	481.8	498.1	473.8	.	477.8
Chinese Taipei	178	178	12.5	35.4	36.7	15.3	0.0	0.0	0.0	561.6	560.8	551.7	546.1	.	.	.
Croatia	223	220	22.2	34.8	32.8	10.1	1.5	0.0	0.0	539.6	537.4	528.2	523.6	531.0	.	.
Cyprus	242	237	17.0	40.5	22.1	20.4	1.1	0.0	0.7	473.3	481.3	485.5	481.8	494.5	.	504.8
Czech Republic	265	262	23.6	34.1	30.8	11.6	0.8	0.0	0.3	541.6	536.1	531.8	521.3	542.1	.	521.5
Denmark	196	169	21.6	37.2	21.9	19.3	11.8	0.0	0.0	521.3	528.3	518.7	538.2	530.3	.	.
England	214	194	14.0	44.3	21.3	20.3	5.1	0.0	0.0	537.3	538.8	541.7	525.9	521.2	.	.
Finland	341	330	22.3	39.2	29.5	9.1	4.3	0.0	0.0	557.4	549.6	557.2	550.8	557.2	.	.
France	273	262	52.3	36.3	10.1	1.3	4.0	0.0	0.5	487.0	489.9	486.0	509.5	471.5	.	443.8
Georgia	188	182	37.0	28.5	18.5	16.0	0.7	0.0	1.5	446.8	450.7	439.0	476.8	438.4	.	455.6
Germany	226	200	29.9	32.2	25.8	12.1	10.8	0.0	0.6	524.0	529.6	526.8	534.9	534.0	.	516.9
Hong Kong SAR	148	145	19.0	40.8	23.7	16.6	1.1	0.0	0.3	563.9	553.8	541.4	577.0	549.3	.	558.8
Hungary	244	237	27.9	19.8	31.7	20.6	1.1	0.0	2.1	570.1	547.7	521.6	534.9	588.9	.	468.2
Indonesia	293	293	13.2	27.8	33.9	25.0	0.0	0.0	0.0	401.8	401.9	389.2	398.2	.	.	.
Iran, Islamic Rep. of	291	291	45.7	25.9	11.8	16.6	0.0	0.0	0.0	425.9	422.1	415.4	410.0	.	.	.
Ireland	214	213	54.3	25.3	11.4	8.9	0.0	0.0	0.2	531.4	522.0	538.0	521.4	.	.	521.8
Italy	257	243	37.2	35.7	15.6	11.5	3.9	0.0	0.6	522.0	512.5	510.6	518.1	517.3	.	527.8
Japan	157	156	23.1	31.3	36.2	9.5	0.3	0.0	0.0	568.9	572.0	568.2	563.3	545.1	.	.
Kazakhstan	239	235	12.6	27.7	49.1	10.5	0.5	0.0	0.9	547.7	559.3	543.6	565.1	529.8	.	435.9
Korea, Rep. of	182	181	19.9	31.4	41.7	6.9	0.6	0.0	0.0	590.2	596.3	584.1	586.6	594.1	.	.
Kuwait	294	280	33.9	29.3	22.1	14.7	7.6	0.0	0.2	322.9	337.6	355.0	349.2	323.0	.	428.3
Lithuania	291	284	34.3	28.5	16.7	20.5	1.1	0.0	0.1	539.2	533.5	515.3	512.5	492.7	.	421.3
Morocco	367	348	29.9	21.4	13.7	35.0	4.4	0.0	0.9	328.3	362.8	370.1	359.7	338.3	.	398.3
Netherlands	223	168	37.9	42.3	11.0	8.8	21.4	0.0	1.5	522.0	519.7	508.8	499.3	516.1	.	508.6
New Zealand	461	444	25.4	41.1	17.1	16.4	2.2	0.0	1.1	501.6	509.2	509.9	501.5	483.8	.	494.5
Northern Ireland	154	130	21.3	42.7	16.3	19.7	17.4	0.0	0.8	520.3	518.7	528.1	519.8	514.8	.	521.0
Norway	227	196	23.2	36.0	20.1	20.8	11.9	0.0	0.5	539.7	536.6	541.7	538.9	527.0	.	572.1
Oman	357	348	41.8	32.0	14.3	11.9	0.4	0.0	1.6	441.9	423.5	425.6	426.5	395.6	.	384.0
Poland	254	253	12.2	17.1	37.5	33.3	0.0	0.0	0.4	549.0	551.5	548.1	542.9	.	.	582.5
Portugal	322	304	62.7	20.9	6.5	9.9	5.1	0.0	1.4	505.7	508.4	504.6	524.2	502.5	.	532.1
Qatar	227	226	24.2	31.3	23.4	21.1	0.0	0.0	0.5	423.4	418.7	440.0	473.1	.	.	433.9
Russian Federation	217	217	13.0	30.7	37.6	18.7	0.0	0.0	0.0	563.1	578.3	566.7	552.9	.	.	.
Saudi Arabia	189	188	40.6	22.2	19.2	18.0	0.5	0.0	0.0	375.3	400.9	381.8	421.5	351.8	.	.
Serbia	192	190	37.6	29.0	14.7	18.7	0.1	0.0	0.4	529.4	532.6	503.5	519.8	478.0	.	488.6
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	13.8	37.8	19.6	28.9	0.7	0.0	0.3	526.2	521.1	513.0	520.2	567.2	.	574.0
Slovenia	256	242	29.1	36.1	30.2	4.6	5.4	0.0	0.2	541.7	544.3	545.1	531.9	533.3	.	505.9
Spain	393	374	43.3	29.7	20.4	6.6	4.1	0.0	0.9	519.8	519.7	513.3	526.2	519.3	.	444.8
Sweden	212	205	26.0	27.5	30.3	16.2	3.9	0.0	0.0	539.8	542.0	537.3	543.5	539.8	.	.
Turkey	251	249	26.8	26.7	15.7	30.9	0.0	0.0	0.7	476.9	480.2	494.1	487.1	.	.	452.0
United Arab Emirates	840	779	22.2	39.6	21.6	16.6	5.7	0.0	1.5	441.4	452.6	445.5	473.4	417.5	.	532.6
United States	492	436	25.4	39.4	17.9	17.3	12.7	0.0	0.2	547.4	546.9	535.6	552.1	547.0	.	470.9
International Avg (n=46)	13512	12517	28.6	32.5	22.7	16.2	3.8	0.0	0.6	504.5	505.3	502.5	506.8	497.8	.	493.9
Buenos Aires, Argentina	291	130	33.9	35.5	8.4	22.2	53.8	0.0	0.3	404.4	412.7	438.0	446.7	416.2	.	448.2
Ontario, Canada	275	249	33.1	35.6	18.4	12.9	6.3	0.0	3.6	532.0	527.3	538.8	529.7	512.1	.	539.6
Quebec, Canada	151	143	50.0	26.3	20.0	3.7	5.2	0.0	0.0	525.7	527.3	513.8	531.0	534.7	.	.
Norway (4)	223	197	28.7	37.1	15.1	19.1	9.9	0.0	0.5	487.0	494.3	499.4	495.4	491.1	.	499.4
Abu Dhabi, UAE	212	185	22.4	44.1	23.9	9.6	9.0	0.0	2.4	404.6	421.0	413.5	404.7	398.9	.	502.4
Dubai, UAE	290	277	24.9	40.9	16.6	17.6	2.2	0.0	1.8	505.5	515.9	499.8	547.2	512.5	.	616.7
Florida, US	120	93	13.3	39.8	23.6	23.2	20.6	0.0	0.9	536.0	551.5	557.2	551.6	542.1	.	499.0



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-11b (ATBG11B)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	436	53.4	38.1	7.4	1.1	5.7	0.0	0.6	528.1	520.8	518.4	545.2	510.2	.	471.8
Bahrain	345	339	23.5	47.4	20.8	8.3	1.9	0.0	0.4	463.3	454.0	470.3	450.6	420.5	.	535.4
Belgium (Flemish)	295	286	12.6	48.0	34.7	4.7	1.2	0.0	3.5	522.2	510.5	508.4	506.7	500.5	.	526.9
Bulgaria	233	231	46.9	38.3	11.6	3.3	0.0	0.0	0.6	528.7	541.8	535.3	564.4	.	.	543.4
Canada	699	648	45.6	36.6	15.5	2.3	5.5	0.0	1.7	525.7	525.9	519.3	523.3	520.0	.	543.1
Chile	180	156	36.0	40.3	15.7	7.9	6.9	0.0	6.2	474.3	482.1	482.8	476.5	473.8	.	464.4
Chinese Taipei	178	178	6.4	33.9	45.6	14.1	0.0	0.0	0.0	556.8	558.0	556.2	545.3	.	.	.
Croatia	223	220	18.5	37.2	39.0	5.3	1.5	0.0	0.0	531.0	531.9	535.6	537.5	531.0	.	.
Cyprus	242	236	48.2	39.9	11.5	0.4	1.1	0.0	1.3	479.7	479.9	492.5	465.7	494.5	.	478.7
Czech Republic	265	263	12.1	54.6	28.7	4.5	0.8	0.0	0.0	538.0	533.0	535.4	533.2	542.1	.	.
Denmark	196	168	21.4	44.4	27.5	6.7	11.8	0.0	0.5	527.3	525.4	526.6	533.8	530.3	.	507.3
England	214	193	33.5	43.6	15.6	7.3	5.1	0.0	0.5	533.2	539.5	535.0	541.9	521.2	.	484.4
Finland	341	330	11.1	38.2	42.6	8.1	4.3	0.0	0.0	558.3	549.6	556.7	550.6	557.2	.	.
France	273	262	60.4	36.7	2.4	0.4	4.0	0.0	0.4	486.7	489.0	499.3	528.9	471.5	.	489.4
Georgia	188	187	8.9	29.4	46.0	15.7	0.7	0.0	0.0	428.0	442.6	454.1	472.9	438.4	.	.
Germany	226	201	24.1	43.2	29.0	3.7	10.8	0.0	0.0	521.2	533.9	524.6	524.3	534.0	.	.
Hong Kong SAR	148	144	20.4	50.9	26.4	2.3	1.1	0.0	0.9	548.8	552.6	570.7	550.9	549.3	.	561.0
Hungary	244	237	37.9	44.4	13.9	3.7	1.1	0.0	2.1	553.1	537.7	528.5	559.1	588.9	.	468.2
Indonesia	293	293	16.2	37.3	39.6	6.9	0.0	0.0	0.0	382.5	400.4	401.0	384.8	.	.	.
Iran, Islamic Rep. of	291	290	44.9	37.5	12.3	5.3	0.0	0.0	0.6	426.9	416.0	401.0	441.7	.	.	528.0
Ireland	214	213	49.1	39.9	7.6	3.4	0.0	0.0	0.5	530.1	526.9	532.4	523.2	.	.	552.2
Italy	257	245	26.6	41.6	20.4	11.3	3.9	0.0	0.6	521.7	514.9	516.7	508.6	517.3	.	528.0
Japan	157	156	11.1	38.8	46.7	3.4	0.3	0.0	0.0	566.7	569.6	570.1	557.1	545.1	.	.
Kazakhstan	239	235	17.3	59.4	21.5	1.8	0.5	0.0	1.0	554.6	543.9	558.8	640.3	529.8	.	453.1
Korea, Rep. of	182	181	30.5	46.9	19.7	2.9	0.6	0.0	0.0	589.5	588.6	592.1	579.6	594.1	.	.
Kuwait	294	280	12.5	32.4	38.3	16.8	7.6	0.0	0.2	318.8	340.9	337.4	351.1	323.0	.	274.6
Lithuania	291	285	9.4	45.3	33.2	12.1	1.1	0.0	0.0	533.2	526.8	530.1	523.7	492.7	.	374.7
Morocco	367	343	48.0	25.3	13.6	13.2	4.4	0.0	2.7	337.2	369.7	362.5	346.9	338.3	.	447.7
Netherlands	223	170	15.4	48.1	32.3	4.2	21.4	0.0	0.4	506.2	523.3	516.9	499.8	516.1	.	482.0
New Zealand	461	442	34.4	49.8	13.2	2.6	2.2	0.0	1.6	508.5	510.5	481.5	516.2	483.8	.	499.2
Northern Ireland	154	130	36.1	49.9	9.4	4.6	17.4	0.0	0.8	525.9	516.9	514.5	536.1	514.8	.	521.0
Norway	227	196	20.1	52.7	19.0	8.2	11.9	0.0	0.5	537.4	538.1	542.4	538.6	527.0	.	572.1
Oman	357	347	41.1	35.7	17.0	6.2	0.4	0.0	2.0	427.3	433.6	440.6	422.8	395.6	.	410.3
Poland	254	252	15.4	34.6	40.8	9.3	0.0	0.0	1.0	547.2	545.0	549.4	544.9	.	.	555.2
Portugal	322	305	69.9	23.4	4.0	2.7	5.1	0.0	0.8	507.7	500.5	539.3	537.5	502.5	.	541.0
Qatar	227	224	17.0	35.7	32.4	14.9	0.0	0.0	1.2	414.1	442.4	435.6	443.5	.	.	491.5
Russian Federation	217	215	12.5	40.9	39.3	7.3	0.0	0.0	0.8	551.4	567.2	574.1	563.4	.	.	504.7
Saudi Arabia	189	185	39.3	37.8	17.7	5.2	0.5	0.0	1.7	383.5	392.0	394.1	433.2	351.8	.	356.0
Serbia	192	190	16.8	42.9	31.8	8.5	0.1	0.0	0.3	530.9	526.9	518.1	524.5	478.0	.	537.0
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	13.2	43.6	28.8	14.3	0.7	0.0	0.3	524.0	515.9	518.9	530.8	567.2	.	574.0
Slovenia	256	242	33.0	48.9	18.0	0.1	5.4	0.0	0.2	541.9	543.1	545.8	543.8	533.3	.	505.9
Spain	393	371	18.4	47.5	26.9	7.2	4.1	0.0	2.1	518.2	518.2	515.4	526.6	519.3	.	521.0
Sweden	212	205	24.6	41.1	31.0	3.3	3.9	0.0	0.0	533.6	538.6	546.8	547.8	539.8	.	.
Turkey	251	249	25.2	34.6	18.0	22.2	0.0	0.0	0.7	483.1	481.5	475.9	493.4	.	.	464.3
United Arab Emirates	840	774	21.7	37.8	25.5	15.0	5.8	0.0	1.8	410.8	455.0	462.5	485.5	417.8	.	529.2
United States	492	437	40.8	43.2	9.3	6.7	12.7	0.0	0.0	546.5	549.8	524.3	544.9	547.0	.	.
International Avg (n=46)	13512	12496	27.9	41.2	23.9	6.9	3.8	0.0	0.9	501.4	504.4	505.4	510.9	497.8	.	494.2
Buenos Aires, Argentina	291	121	21.1	51.2	17.7	10.0	53.8	0.0	2.9	428.1	410.0	409.8	458.7	416.2	.	435.8
Ontario, Canada	275	250	51.6	33.8	11.7	2.9	6.3	0.0	3.2	533.6	531.9	523.0	512.8	512.1	.	543.5
Quebec, Canada	151	142	38.4	34.1	26.4	1.1	5.2	0.0	0.0	521.1	521.7	530.3	542.5	534.7	.	490.6
Norway (4)	223	197	19.2	53.5	22.6	4.7	9.9	0.0	0.5	483.5	494.5	496.8	501.0	491.1	.	499.4
Abu Dhabi, UAE	212	185	28.4	33.0	31.5	7.1	9.0	0.0	2.0	366.8	426.3	444.3	414.9	398.9	.	506.8
Dubai, UAE	290	276	15.8	44.1	25.6	14.5	2.2	0.0	2.3	489.7	515.0	517.1	545.0	512.5	.	609.8
Florida, US	120	93	47.0	36.0	10.1	6.8	20.6	0.0	0.9	553.9	545.5	541.0	571.4	542.1	.	499.0

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too many teaching hours  
 Location: TQG-11c (ATBG11C)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	6.1	25.0	43.6	25.2	5.7	0.0	0.7	526.0	521.7	522.0	532.7	510.2	.	471.3
Bahrain	345	339	15.6	31.6	28.1	24.7	1.9	0.0	0.4	459.3	463.4	460.2	453.0	420.5	.	535.4
Belgium (Flemish)	295	288	1.6	11.7	58.1	28.6	1.2	0.0	0.7	518.8	526.9	509.3	508.9	500.5	.	543.8
Bulgaria	233	230	6.8	24.6	39.0	29.7	0.0	0.0	1.1	539.9	535.8	537.4	532.0	.	.	546.9
Canada	699	646	6.6	19.5	49.2	24.7	5.5	0.0	2.0	525.8	527.6	523.0	525.1	520.0	.	545.1
Chile	180	161	34.8	26.4	23.0	15.7	6.9	0.0	3.3	469.8	481.8	479.5	487.0	473.8	.	481.0
Chinese Taipei	178	178	8.3	29.7	48.0	14.0	0.0	0.0	0.0	555.0	557.2	553.9	556.2	.	.	.
Croatia	223	220	3.5	12.1	68.2	16.2	1.5	0.0	0.0	533.5	534.6	532.4	537.1	531.0	.	.
Cyprus	242	237	33.4	34.7	24.3	7.5	1.1	0.0	0.7	484.9	474.3	483.1	487.4	494.5	.	504.8
Czech Republic	265	263	3.7	16.7	53.1	26.4	0.8	0.0	0.0	531.7	539.6	533.7	532.5	542.1	.	.
Denmark	196	168	41.6	30.6	19.8	8.0	11.8	0.0	0.5	526.4	521.8	529.5	540.2	530.3	.	507.3
England	214	193	18.4	34.2	30.3	17.1	5.1	0.0	0.5	526.5	536.4	546.4	532.2	521.2	.	484.4
Finland	341	330	0.3	10.0	51.6	38.1	4.3	0.0	0.0	593.6	559.2	551.4	555.0	557.2	.	.
France	273	260	8.2	26.7	53.6	11.6	4.0	0.0	1.1	483.7	480.9	492.0	490.6	471.5	.	477.6
Georgia	188	185	0.9	3.7	39.3	56.1	0.7	0.0	0.6	456.5	426.3	447.6	455.4	438.4	.	461.5
Germany	226	199	14.3	29.8	35.5	20.4	10.8	0.0	0.6	521.2	531.2	525.5	530.6	534.0	.	549.6
Hong Kong SAR	148	145	10.1	17.4	38.5	34.1	1.1	0.0	0.3	565.7	546.4	553.2	563.0	549.3	.	558.8
Hungary	244	237	23.7	40.7	26.4	9.3	1.1	0.0	2.1	548.5	544.9	540.7	527.8	588.9	.	468.2
Indonesia	293	292	10.6	26.9	42.4	20.1	0.0	0.0	0.2	379.6	397.0	402.2	393.0	.	.	445.6
Iran, Islamic Rep. of	291	288	18.2	33.1	27.0	21.6	0.0	0.0	1.1	414.5	413.5	434.0	423.4	.	.	385.8
Ireland	214	212	1.9	20.4	44.6	33.2	0.0	0.0	0.9	521.9	528.5	534.5	522.9	.	.	496.8
Italy	257	243	1.0	18.2	31.8	49.0	3.9	0.0	0.9	530.3	510.5	517.8	517.5	517.3	.	518.9
Japan	157	156	9.9	30.7	51.8	7.7	0.3	0.0	0.0	571.3	569.7	570.6	553.8	545.1	.	.
Kazakhstan	239	235	0.8	9.4	71.2	18.6	0.5	0.0	1.0	529.0	532.0	547.0	575.8	529.8	.	436.6
Korea, Rep. of	182	181	24.1	44.7	27.4	3.7	0.6	0.0	0.0	587.7	588.7	589.2	606.8	594.1	.	.
Kuwait	294	278	9.7	31.7	33.3	25.3	8.0	0.0	0.5	313.9	323.2	335.7	367.6	329.1	.	378.5
Lithuania	291	285	3.2	3.7	16.7	76.4	1.1	0.0	0.0	513.9	530.2	528.8	528.5	492.7	.	374.7
Morocco	367	348	34.7	23.0	17.3	25.0	4.4	0.0	1.0	328.5	365.5	361.3	366.0	338.3	.	426.3
Netherlands	223	171	3.0	15.4	52.4	29.2	21.4	0.0	0.0	506.2	507.8	523.0	513.6	516.1	.	.
New Zealand	461	443	12.9	28.1	35.9	23.0	2.2	0.0	1.3	504.1	507.6	502.6	510.7	483.8	.	498.5
Northern Ireland	154	129	11.6	28.5	40.2	19.8	17.4	0.0	1.0	529.5	518.2	519.6	521.8	514.8	.	523.4
Norway	227	195	12.8	46.8	26.4	14.0	11.9	0.0	0.9	533.6	538.7	542.6	536.6	527.0	.	562.0
Oman	357	346	19.6	41.0	26.8	12.6	0.4	0.0	2.1	427.7	431.5	428.6	442.6	395.6	.	417.3
Poland	254	254	1.9	3.3	39.6	55.2	0.0	0.0	0.0	578.0	572.0	546.9	544.9	.	.	.
Portugal	322	304	40.2	37.2	13.2	9.5	5.1	0.0	1.2	509.0	505.2	506.2	521.1	502.5	.	507.0
Qatar	227	225	8.5	19.4	37.1	35.1	0.0	0.0	1.1	448.8	415.6	445.9	435.0	.	.	420.0
Russian Federation	217	216	4.2	14.3	52.0	29.5	0.0	0.0	0.4	564.9	568.0	566.6	568.6	.	.	542.6
Saudi Arabia	189	188	26.9	31.6	24.4	17.1	0.5	0.0	0.0	363.6	399.2	390.7	416.5	351.8	.	.
Serbia	192	190	17.4	31.4	32.2	19.0	0.1	0.0	0.7	531.1	517.9	531.6	518.7	478.0	.	496.0
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	4.9	21.3	34.3	39.6	0.7	0.0	0.3	523.2	527.5	513.5	521.2	567.2	.	574.0
Slovenia	256	242	9.3	26.2	60.3	4.2	5.4	0.0	0.2	540.2	538.5	545.5	545.0	533.3	.	505.9
Spain	393	376	19.1	35.6	31.1	14.2	4.1	0.0	0.4	509.5	516.7	524.1	519.6	519.3	.	551.5
Sweden	212	205	19.2	26.1	39.6	15.0	3.9	0.0	0.0	536.2	537.5	543.6	541.2	539.8	.	.
Turkey	251	250	12.5	29.1	25.1	33.4	0.0	0.0	0.5	499.5	488.0	466.7	485.0	.	.	543.3
United Arab Emirates	840	778	18.6	34.0	27.9	19.5	5.7	0.0	1.7	439.9	442.4	454.6	474.0	417.5	.	551.7
United States	492	435	11.0	22.2	37.7	29.2	12.7	0.0	0.4	540.3	549.8	548.9	541.7	547.0	.	468.7
International Avg (n=46)	13512	12505	13.2	25.2	37.6	24.1	3.8	0.0	0.7	503.1	503.3	505.3	507.8	497.9	.	493.4
Buenos Aires, Argentina	291	127	10.3	44.1	25.1	20.5	54.0	0.0	1.0	417.8	406.9	418.6	448.1	416.4	.	426.4
Ontario, Canada	275	250	3.3	16.6	47.7	32.3	6.3	0.0	3.2	552.9	541.2	525.1	532.7	512.1	.	543.5
Quebec, Canada	151	141	11.5	13.4	57.8	17.4	5.2	0.0	1.1	509.4	519.5	530.3	513.8	534.7	.	556.2
Norway (4)	223	196	15.8	40.9	29.8	13.5	10.1	0.0	0.5	497.1	488.5	495.8	496.8	491.3	.	499.4
Abu Dhabi, UAE	212	185	22.7	35.5	22.7	19.0	9.0	0.0	2.8	416.1	396.7	435.8	408.9	398.9	.	540.2
Dubai, UAE	290	277	18.1	29.8	30.4	21.8	2.2	0.0	1.5	497.9	515.9	509.7	540.0	512.5	.	650.2
Florida, US	120	92	6.4	14.3	39.6	39.7	20.6	0.0	1.6	541.0	543.0	551.2	555.8	542.1	.	504.3

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-11d (ATBGL1D)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	436	25.9	52.5	17.2	4.3	5.7	0.0	0.6	521.1	525.2	525.5	539.9	510.2	.	471.8
Bahrain	345	339	29.3	37.1	21.2	12.4	1.9	0.0	0.4	458.8	462.5	469.2	433.7	420.5	.	535.4
Belgium (Flemish)	295	289	8.3	32.7	42.7	16.3	1.2	0.0	0.9	524.3	513.8	506.3	513.4	500.5	.	533.8
Bulgaria	233	231	12.2	42.2	30.7	14.9	0.0	0.0	0.6	521.9	532.8	546.5	532.5	.	.	543.4
Canada	699	649	36.9	44.4	14.8	4.0	5.5	0.0	1.6	526.7	523.8	524.8	517.4	520.0	.	543.5
Chile	180	162	80.5	13.0	5.6	0.9	6.9	0.0	2.5	477.2	488.2	459.8	517.4	473.8	.	477.8
Chinese Taipei	178	178	13.2	48.8	30.5	7.4	0.0	0.0	0.0	555.0	559.4	549.9	550.8	.	.	.
Croatia	223	220	15.2	52.3	29.4	3.1	1.5	0.0	0.0	536.8	533.3	531.2	542.7	531.0	.	.
Cyprus	242	232	40.8	40.7	15.5	2.9	1.1	0.0	3.1	479.1	480.7	478.4	492.0	494.5	.	516.8
Czech Republic	265	263	11.4	42.2	35.1	11.4	0.8	0.0	0.0	535.6	532.5	536.0	534.4	542.1	.	.
Denmark	196	167	63.4	24.6	9.8	2.3	11.8	0.0	0.9	524.5	525.9	535.1	535.5	530.3	.	569.2
England	214	193	34.2	49.6	13.3	2.9	5.1	0.0	0.5	530.2	539.1	553.6	500.5	521.2	.	484.4
Finland	341	329	4.3	33.1	46.6	16.0	4.3	0.0	0.4	572.5	554.3	549.8	558.9	557.2	.	543.4
France	273	261	34.1	53.4	10.7	1.8	4.0	0.0	0.8	484.6	487.8	499.7	484.6	471.5	.	504.2
Georgia	188	185	6.4	37.5	34.5	21.6	0.7	0.0	1.0	444.9	443.3	453.6	463.7	438.4	.	452.2
Germany	226	199	19.0	40.8	32.1	8.0	10.8	0.0	0.8	525.3	529.6	526.4	527.3	534.0	.	553.9
Hong Kong SAR	148	145	41.0	41.1	12.9	4.9	1.1	0.0	0.3	554.0	550.9	568.6	594.8	549.3	.	558.8
Hungary	244	237	36.2	37.1	21.9	4.8	1.1	0.0	2.1	544.9	545.1	538.0	536.3	588.9	.	468.2
Indonesia	293	291	28.0	41.2	23.0	7.9	0.0	0.0	0.7	395.1	398.8	398.9	387.1	.	.	368.2
Iran, Islamic Rep. of	291	290	21.4	40.7	20.5	17.4	0.0	0.0	0.6	413.7	427.6	424.1	414.2	.	.	330.4
Ireland	214	212	32.5	42.7	18.6	6.2	0.0	0.0	0.7	529.1	528.5	530.8	521.0	.	.	557.0
Italy	257	245	20.6	40.7	21.3	17.4	3.9	0.0	0.3	519.7	515.5	519.0	512.9	517.3	.	437.1
Japan	157	156	42.2	47.5	9.5	0.8	0.3	0.0	0.0	568.8	570.9	562.2	559.7	545.1	.	.
Kazakhstan	239	234	21.9	51.5	22.1	4.5	0.5	0.0	1.8	538.6	556.8	538.9	609.6	529.8	.	460.2
Korea, Rep. of	182	181	27.9	53.5	16.4	2.2	0.6	0.0	0.0	589.2	588.5	590.0	604.2	594.1	.	.
Kuwait	294	280	22.7	36.6	21.6	19.1	7.6	0.0	0.3	347.8	321.3	327.0	372.2	323.0	.	365.2
Lithuania	291	284	24.1	49.2	17.6	9.1	1.1	0.0	0.1	531.7	529.7	529.1	508.2	492.7	.	454.8
Morocco	367	348	39.8	35.0	16.9	8.3	4.4	0.0	0.9	339.6	343.9	375.1	404.3	338.3	.	390.6
Netherlands	223	170	20.3	40.5	30.9	8.3	21.4	0.0	0.3	521.3	520.2	512.1	514.9	516.1	.	489.6
New Zealand	461	444	30.3	46.5	17.7	5.5	2.2	0.0	1.1	508.5	507.6	495.8	513.8	483.8	.	494.5
Northern Ireland	154	130	52.2	34.5	11.5	1.8	17.4	0.0	0.8	522.4	515.8	523.6	555.4	514.8	.	521.0
Norway	227	196	32.5	46.2	12.9	8.5	11.9	0.0	0.5	537.9	538.2	541.2	542.6	527.0	.	572.1
Oman	357	349	27.7	44.9	19.4	8.1	0.4	0.0	1.3	440.7	428.9	425.9	429.7	395.6	.	391.5
Poland	254	252	3.2	15.6	45.8	35.4	0.0	0.0	1.1	568.9	553.3	544.8	545.5	.	.	552.4
Portugal	322	305	51.8	36.5	8.8	3.0	5.1	0.0	0.8	507.5	510.9	497.4	514.7	502.5	.	541.0
Qatar	227	226	12.4	39.4	29.9	18.2	0.0	0.0	0.5	416.8	442.5	435.4	437.5	.	.	433.9
Russian Federation	217	214	11.0	51.1	30.4	7.5	0.0	0.0	1.3	546.1	567.3	573.2	580.1	.	.	526.8
Saudi Arabia	189	188	27.0	32.3	30.0	10.8	0.5	0.0	0.0	383.9	392.3	380.9	428.4	351.8	.	.
Serbia	192	190	21.1	43.5	29.9	5.4	0.1	0.0	0.7	524.5	528.3	521.1	517.7	478.0	.	496.0
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	13.3	42.2	28.4	16.0	0.7	0.0	0.3	509.6	522.7	518.7	523.7	567.2	.	574.0
Slovenia	256	242	12.3	48.0	38.9	0.7	5.4	0.0	0.2	548.2	540.4	545.0	546.3	533.3	.	505.9
Spain	393	377	42.1	38.6	15.4	4.0	4.1	0.0	0.0	520.8	515.6	516.2	522.5	519.3	.	.
Sweden	212	205	47.1	35.6	13.7	3.6	3.9	0.0	0.0	535.2	542.8	549.6	544.9	539.8	.	.
Turkey	251	251	12.1	36.1	28.2	23.6	0.0	0.0	0.0	471.7	482.1	474.5	501.9	.	.	.
United Arab Emirates	840	780	19.2	37.4	26.3	17.2	5.7	0.0	1.3	426.3	448.8	454.7	486.6	417.5	.	507.8
United States	492	436	36.6	40.6	17.6	5.2	12.7	0.0	0.2	550.4	547.5	533.0	545.3	547.0	.	470.9
International Avg (n=46)	13512	12517	27.5	40.7	22.8	9.0	3.8	0.0	0.7	502.9	504.7	504.2	511.3	497.8	.	491.8
Buenos Aires, Argentina	291	128	38.7	38.2	16.2	6.9	53.8	0.0	1.4	421.8	422.4	403.6	445.8	416.2	.	387.0
Ontario, Canada	275	250	26.1	47.0	20.9	5.9	6.3	0.0	3.2	533.6	531.3	531.8	517.2	512.1	.	543.5
Quebec, Canada	151	143	44.8	45.4	7.9	1.9	5.2	0.0	0.0	530.0	517.6	530.2	507.1	534.7	.	.
Norway (4)	223	196	38.8	39.5	18.3	3.5	10.1	0.0	0.5	494.9	488.0	497.1	511.2	491.3	.	499.4
Abu Dhabi, UAE	212	185	22.4	36.4	25.3	15.9	9.0	0.0	2.2	376.2	419.7	413.3	466.8	398.9	.	433.6
Dubai, UAE	290	277	18.1	41.6	26.5	13.8	2.2	0.0	1.8	504.4	507.3	520.7	547.5	512.5	.	636.4
Florida, US	120	93	50.8	37.0	7.2	5.1	20.6	0.0	0.9	557.9	544.3	533.9	551.0	542.1	.	499.0

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-11e (ATBG11E)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	434	59.4	37.8	2.1	0.6	5.7	0.0	0.7	518.8	533.1	538.1	553.5	510.2	.	468.3
Bahrain	345	339	49.5	35.2	12.7	2.7	1.9	0.0	0.4	463.8	453.2	462.8	438.9	420.5	.	535.4
Belgium (Flemish)	295	289	37.8	53.2	7.5	1.5	1.2	0.0	1.7	515.8	509.7	494.9	513.4	500.5	.	550.4
Bulgaria	233	231	44.8	43.6	9.0	2.6	0.0	0.0	0.6	537.1	531.1	561.5	499.2	.	.	543.4
Canada	699	651	75.7	20.4	3.2	0.6	5.5	0.0	1.3	523.1	533.5	508.1	533.9	520.0	.	546.1
Chile	180	162	81.7	14.6	3.4	0.4	6.9	0.0	2.5	477.7	477.6	485.7	486.6	473.8	.	477.8
Chinese Taipei	178	178	27.5	52.3	15.6	4.6	0.0	0.0	0.0	554.5	557.5	553.9	540.0	.	.	.
Croatia	223	220	33.6	57.4	8.2	0.8	1.5	0.0	0.0	537.0	531.3	534.7	528.8	531.0	.	.
Cyprus	242	232	77.6	19.2	3.1	0.0	1.1	0.0	2.9	478.6	482.8	488.7	.	494.5	.	528.0
Czech Republic	265	262	31.1	52.7	11.4	4.7	0.8	0.0	0.3	531.3	536.5	530.3	541.0	542.1	.	521.4
Denmark	196	167	75.6	20.1	3.3	1.0	11.8	0.0	0.9	524.1	533.1	527.0	533.1	530.3	.	569.2
England	214	193	48.8	44.3	5.3	1.6	5.1	0.0	0.5	532.1	539.1	565.8	522.0	521.2	.	484.4
Finland	341	330	38.3	51.3	9.8	0.7	4.3	0.0	0.0	552.1	552.8	564.3	552.8	557.2	.	.
France	273	262	69.3	28.7	2.0	0.0	4.0	0.0	0.1	486.9	491.2	477.7	.	471.5	.	588.3
Georgia	188	186	21.3	52.7	20.2	5.8	0.7	0.0	0.1	447.9	449.2	449.3	491.7	438.4	.	391.5
Germany	226	201	73.5	24.1	1.1	1.3	10.8	0.0	0.0	525.5	533.3	544.6	542.8	534.0	.	.
Hong Kong SAR	148	145	58.0	31.6	9.5	0.9	1.1	0.0	0.3	549.4	560.4	583.9	598.8	549.3	.	558.8
Hungary	244	236	39.6	49.3	8.8	2.3	1.1	0.0	2.5	541.9	543.4	541.7	558.2	588.9	.	481.9
Indonesia	293	293	47.4	44.1	7.1	1.3	0.0	0.0	0.0	395.2	396.4	412.1	375.7	.	.	.
Iran, Islamic Rep. of	291	291	53.2	35.1	6.8	4.9	0.0	0.0	0.0	419.6	423.1	440.9	394.0	.	.	.
Ireland	214	214	71.1	25.3	2.6	1.0	0.0	0.0	0.0	527.1	532.3	546.0	519.1	.	.	.
Italy	257	245	54.5	32.7	8.3	4.5	3.9	0.0	0.3	518.0	515.6	523.5	493.0	517.3	.	483.9
Japan	157	155	45.2	50.9	3.9	0.0	0.3	0.0	0.6	569.7	568.9	567.3	.	545.1	.	545.4
Kazakhstan	239	232	30.5	59.2	9.2	1.1	0.5	0.0	2.2	546.8	547.7	586.7	579.0	529.8	.	474.8
Korea, Rep. of	182	181	41.6	48.9	8.8	0.8	0.6	0.0	0.0	585.9	588.3	610.4	590.4	594.1	.	.
Kuwait	294	280	34.0	48.1	12.8	5.1	7.6	0.0	0.3	340.3	336.0	339.6	343.5	323.0	.	365.2
Lithuania	291	285	45.0	45.8	6.4	2.8	1.1	0.0	0.0	527.4	529.4	526.6	522.6	492.7	.	374.7
Morocco	367	348	64.9	27.5	4.6	3.0	4.4	0.0	0.9	343.6	368.8	344.2	395.4	338.3	.	430.2
Netherlands	223	171	61.2	35.5	3.3	0.0	21.4	0.0	0.0	519.5	512.7	528.0	.	516.1	.	.
New Zealand	461	443	56.7	34.5	7.9	0.8	2.2	0.0	1.3	502.4	514.0	494.3	548.9	483.8	.	498.0
Northern Ireland	154	130	64.0	32.1	2.5	1.3	17.4	0.0	0.8	520.8	518.4	539.8	546.0	514.8	.	521.0
Norway	227	196	62.9	31.8	3.4	1.9	11.9	0.0	0.5	537.3	542.0	528.5	553.0	527.0	.	572.1
Oman	357	349	65.5	26.5	5.1	3.0	0.4	0.0	1.3	432.3	431.1	436.1	413.4	395.6	.	391.5
Poland	254	252	12.4	43.6	31.5	12.5	0.0	0.0	0.5	555.9	550.4	540.5	545.2	.	.	525.1
Portugal	322	305	78.3	16.7	3.0	2.0	5.1	0.0	0.8	507.4	512.3	488.5	528.0	502.5	.	541.0
Qatar	227	226	32.8	49.0	11.9	6.3	0.0	0.0	0.5	431.2	433.0	440.0	481.5	.	.	433.9
Russian Federation	217	216	21.3	63.3	13.0	2.4	0.0	0.0	0.4	560.0	567.1	578.9	587.4	.	.	468.3
Saudi Arabia	189	188	48.7	32.2	15.8	3.3	0.5	0.0	0.0	381.2	399.5	392.4	430.8	351.8	.	.
Serbia	192	191	49.8	38.7	9.6	1.9	0.1	0.0	0.0	526.9	519.9	530.0	532.7	478.0	.	.
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	34.7	48.3	13.7	3.4	0.7	0.0	0.3	512.8	524.1	520.6	532.5	567.2	.	574.0
Slovenia	256	242	32.4	62.3	5.2	0.1	5.4	0.0	0.2	544.2	542.3	546.9	574.9	533.3	.	505.9
Spain	393	376	69.9	25.7	3.2	1.2	4.1	0.0	0.4	516.0	520.4	534.3	542.7	519.3	.	540.7
Sweden	212	205	76.4	20.6	3.0	0.0	3.9	0.0	0.0	538.0	544.3	567.6	.	539.8	.	.
Turkey	251	250	44.1	34.1	14.1	7.7	0.0	0.0	0.1	475.0	489.5	487.0	497.8	.	.	467.1
United Arab Emirates	840	782	41.9	42.6	10.8	4.8	5.7	0.0	0.9	427.8	462.2	477.3	519.9	417.5	.	573.6
United States	492	435	54.1	37.4	6.6	2.0	12.7	0.0	0.6	541.7	550.6	557.2	521.4	547.0	.	555.9
International Avg (n=46)	13512	12525	50.8	38.7	8.1	2.4	3.8	0.0	0.6	502.2	506.3	510.8	512.3	497.8	.	502.6
Buenos Aires, Argentina	291	129	66.0	19.7	10.6	3.7	53.8	0.0	0.8	417.2	413.3	425.9	482.1	416.2	.	419.7
Ontario, Canada	275	252	72.3	24.6	3.1	0.0	6.3	0.0	2.6	530.5	533.2	530.3	.	512.1	.	546.2
Quebec, Canada	151	143	82.0	12.4	3.3	2.4	5.2	0.0	0.0	522.5	528.3	535.1	534.2	534.7	.	.
Norway (4)	223	196	73.1	23.8	3.1	0.0	10.1	0.0	0.5	491.9	496.5	498.1	.	491.3	.	499.4
Abu Dhabi, UAE	212	187	47.0	38.6	10.5	3.8	9.0	0.0	0.9	384.0	436.5	447.7	487.1	398.9	.	545.9
Dubai, UAE	290	278	35.2	43.7	14.1	7.0	2.2	0.0	1.4	499.7	514.5	539.9	559.0	512.5	.	660.6
Florida, US	120	93	63.3	31.8	2.5	2.5	20.6	0.0	0.9	555.0	543.3	510.5	579.7	542.1	.	499.0

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-11f (ATBG11F)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	4.8	28.1	47.5	19.7	5.7	0.0	1.3	537.8	530.9	520.7	522.7	510.2	.	500.8
Bahrain	345	339	6.5	22.8	38.4	32.2	1.9	0.0	0.4	452.5	460.8	462.1	456.2	420.5	.	535.4
Belgium (Flemish)	295	290	3.4	26.3	57.3	13.0	1.2	0.0	0.3	512.9	520.1	513.8	484.6	500.5	.	525.6
Bulgaria	233	230	2.9	13.7	42.9	40.6	0.0	0.0	1.4	523.3	553.3	536.6	527.9	.	.	587.7
Canada	699	649	6.0	29.9	47.5	16.6	5.5	0.0	1.4	536.3	537.9	521.3	506.5	520.0	.	546.3
Chile	180	162	7.2	29.0	39.0	24.8	6.9	0.0	2.5	496.0	484.3	478.8	464.2	473.8	.	477.8
Chinese Taipei	178	178	4.8	18.4	57.8	19.1	0.0	0.0	0.0	559.4	553.8	555.2	556.1	.	.	.
Croatia	223	220	10.3	29.6	49.2	11.0	1.5	0.0	0.0	545.7	532.0	533.3	527.1	531.0	.	.
Cyprus	242	237	4.0	11.9	51.0	33.1	1.1	0.0	0.7	517.5	478.0	480.7	477.9	494.5	.	504.8
Czech Republic	265	263	11.2	23.8	54.1	10.9	0.8	0.0	0.0	544.6	535.1	529.9	544.3	542.1	.	.
Denmark	196	168	3.0	29.0	46.8	21.2	11.8	0.0	0.4	512.2	533.5	525.4	520.7	530.3	.	570.1
England	214	193	5.6	37.3	32.7	24.5	5.1	0.0	0.5	538.2	541.5	533.2	534.4	521.2	.	484.4
Finland	341	329	1.9	15.8	54.7	27.6	4.3	0.0	0.5	567.5	553.2	552.7	554.1	557.2	.	592.6
France	273	262	6.9	29.9	51.4	11.8	4.0	0.0	0.1	493.0	488.9	487.8	482.9	471.5	.	588.3
Georgia	188	186	2.0	1.3	37.3	59.4	0.7	0.0	0.6	442.5	398.6	455.2	450.7	438.4	.	418.4
Germany	226	200	6.1	31.6	46.1	16.2	10.8	0.0	0.5	539.2	538.3	525.8	508.6	534.0	.	520.7
Hong Kong SAR	148	145	16.2	42.6	29.2	11.9	1.1	0.0	0.3	553.5	553.8	568.6	541.6	549.3	.	558.8
Hungary	244	237	18.3	27.9	40.7	13.1	1.1	0.0	2.1	554.0	550.7	529.7	553.0	588.9	.	468.2
Indonesia	293	290	2.2	12.5	43.8	41.5	0.0	0.0	0.8	359.4	389.7	396.7	400.3	.	.	416.5
Iran, Islamic Rep. of	291	291	4.6	28.5	26.5	40.4	0.0	0.0	0.0	434.6	417.3	413.8	426.8	.	.	.
Ireland	214	214	6.4	27.9	35.0	30.7	0.0	0.0	0.0	532.6	534.0	526.7	525.9	.	.	.
Italy	257	245	5.8	23.4	36.8	34.0	3.9	0.0	0.3	529.4	528.7	513.1	509.8	517.3	.	483.9
Japan	157	155	2.8	15.1	65.1	17.1	0.3	0.0	0.6	574.1	577.0	568.8	563.1	545.1	.	545.4
Kazakhstan	239	235	3.7	20.6	53.7	22.0	0.5	0.0	1.0	515.3	550.7	541.3	580.3	529.8	.	437.9
Korea, Rep. of	182	181	8.0	35.3	46.1	10.6	0.6	0.0	0.0	593.4	589.8	588.4	588.0	594.1	.	.
Kuwait	294	280	7.8	21.8	43.4	27.0	7.6	0.0	0.3	337.6	328.8	337.9	346.8	323.0	.	365.2
Lithuania	291	285	2.8	15.4	37.7	44.0	1.1	0.0	0.0	532.8	547.3	526.4	522.6	492.7	.	374.7
Morocco	367	349	8.1	20.3	30.8	40.7	4.4	0.0	0.6	340.5	341.1	356.6	357.2	338.3	.	424.5
Netherlands	223	171	10.6	38.7	38.4	12.4	21.4	0.0	0.0	518.9	523.9	514.6	504.4	516.1	.	.
New Zealand	461	444	5.9	28.4	42.2	23.5	2.2	0.0	1.1	524.0	521.2	506.0	483.7	483.8	.	494.5
Northern Ireland	154	130	6.0	39.9	30.4	23.7	17.4	0.0	0.8	526.0	528.2	512.2	518.2	514.8	.	521.0
Norway	227	195	2.9	19.9	50.7	26.6	11.9	0.0	0.9	527.0	542.7	537.2	540.8	527.0	.	545.3
Oman	357	348	6.2	29.1	40.8	23.9	0.4	0.0	1.5	420.4	426.3	431.9	440.6	395.6	.	395.7
Poland	254	253	0.4	7.4	40.6	51.6	0.0	0.0	0.3	595.0	556.7	550.7	542.5	.	.	581.4
Portugal	322	301	6.7	36.0	39.6	17.7	5.1	0.0	2.3	516.0	506.9	508.3	506.1	502.5	.	526.1
Qatar	227	224	5.5	14.4	35.9	44.2	0.0	0.0	1.1	395.1	434.7	424.0	451.9	.	.	434.1
Russian Federation	217	216	1.6	11.6	48.5	38.3	0.0	0.0	0.4	574.4	557.2	568.8	569.1	.	.	468.3
Saudi Arabia	189	188	10.2	29.3	40.2	20.3	0.5	0.0	0.0	402.7	383.3	385.2	405.4	351.8	.	.
Serbia	192	191	8.5	26.3	33.5	31.7	0.1	0.0	0.0	522.3	516.2	529.2	527.2	478.0	.	.
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	8.6	36.7	33.1	21.6	0.7	0.0	0.3	519.0	525.7	517.0	515.2	567.2	.	574.0
Slovenia	256	242	16.5	45.6	34.5	3.4	5.4	0.0	0.2	544.3	547.5	536.8	545.6	533.3	.	505.9
Spain	393	377	4.9	29.0	39.2	26.9	4.1	0.0	0.0	526.2	526.7	519.0	506.3	519.3	.	.
Sweden	212	204	5.5	23.5	57.4	13.5	3.9	0.0	0.3	547.2	537.2	543.3	528.4	539.8	.	575.5
Turkey	251	249	6.5	19.3	34.8	39.4	0.0	0.0	0.9	495.1	492.4	491.3	470.3	.	.	475.9
United Arab Emirates	840	781	6.3	21.4	45.4	26.9	5.7	0.0	1.0	445.8	447.4	447.0	465.6	417.5	.	574.0
United States	492	436	6.2	22.5	45.1	26.2	12.7	0.0	0.2	563.1	559.8	544.8	531.8	547.0	.	470.9
International Avg (n=46)	13512	12524	6.4	25.0	42.9	25.8	3.8	0.0	0.6	507.4	506.2	503.2	501.9	497.8	.	502.0
Buenos Aires, Argentina	291	128	15.7	32.6	35.0	16.7	53.8	0.0	1.0	433.5	417.4	421.0	409.3	416.2	.	415.5
Ontario, Canada	275	252	5.1	27.1	46.5	21.3	6.3	0.0	2.6	538.0	544.5	528.7	518.1	512.1	.	546.2
Quebec, Canada	151	143	9.8	32.1	53.3	4.8	5.2	0.0	0.0	528.7	533.3	518.0	517.9	534.7	.	.
Norway (4)	223	197	3.0	23.1	40.0	33.9	9.9	0.0	0.5	499.1	497.9	491.8	491.1	491.1	.	499.4
Abu Dhabi, UAE	212	187	6.2	20.3	49.1	24.4	9.0	0.0	0.9	427.8	426.3	401.7	428.6	398.9	.	545.9
Dubai, UAE	290	278	5.1	25.3	41.5	28.2	2.2	0.0	1.4	531.6	502.7	516.1	524.9	512.5	.	660.6
Florida, US	120	93	9.1	25.2	34.8	30.9	20.6	0.0	0.9	563.9	562.4	553.3	534.6	542.1	.	499.0

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-11g (ATBG11G)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	436	12.2	48.1	31.4	8.3	5.7	0.0	0.6	524.3	527.2	521.3	524.6	510.2	.	471.8
Bahrain	345	339	3.9	17.1	33.2	45.9	1.9	0.0	0.4	438.3	454.5	466.5	457.6	420.5	.	535.4
Belgium (Flemish)	295	290	11.1	51.9	30.5	6.5	1.2	0.0	0.3	512.9	514.1	509.7	498.5	500.5	.	525.6
Bulgaria	233	231	3.3	19.2	39.6	37.9	0.0	0.0	0.6	493.6	527.4	538.6	540.5	.	.	543.4
Canada	699	651	11.3	34.1	39.5	15.0	5.5	0.0	1.3	534.1	528.3	523.9	511.9	520.0	.	546.1
Chile	180	162	4.4	25.7	27.0	42.8	6.9	0.0	2.5	471.1	476.0	484.8	475.6	473.8	.	477.8
Chinese Taipei	178	177	1.1	8.7	53.2	37.0	0.0	0.0	0.3	557.2	557.1	554.9	555.1	.	.	591.7
Croatia	223	219	3.9	12.9	60.5	22.8	1.5	0.0	0.3	549.6	534.8	531.2	536.4	531.0	.	515.7
Cyprus	242	237	10.1	33.5	42.5	13.9	1.1	0.0	0.7	469.1	479.4	482.6	488.4	494.5	.	504.8
Czech Republic	265	263	0.7	12.3	57.0	30.1	0.8	0.0	0.0	541.6	538.1	532.9	535.2	542.1	.	.
Denmark	196	164	17.8	39.8	34.5	7.9	11.8	0.0	2.3	526.1	523.9	527.9	532.3	530.3	.	537.5
England	214	192	24.5	37.9	28.3	9.3	5.1	0.0	0.8	538.1	531.7	548.6	519.4	521.2	.	500.7
Finland	341	330	3.7	27.5	55.7	13.1	4.3	0.0	0.0	554.6	556.9	551.9	554.1	557.2	.	.
France	273	262	12.9	46.0	36.7	4.4	4.0	0.0	0.1	480.5	488.5	488.8	495.6	471.5	.	588.3
Georgia	188	187	4.0	7.3	45.6	43.1	0.7	0.0	0.0	411.7	445.0	454.9	452.4	438.4	.	.
Germany	226	199	2.4	21.6	55.9	20.1	10.8	0.0	0.9	519.1	532.6	528.1	526.5	534.0	.	456.5
Hong Kong SAR	148	145	3.1	37.1	39.7	20.1	1.1	0.0	0.3	553.3	549.7	556.8	569.7	549.3	.	558.8
Hungary	244	237	6.0	25.1	50.4	18.5	1.1	0.0	2.1	543.3	545.0	540.5	547.2	588.9	.	468.2
Indonesia	293	291	12.1	41.2	32.6	14.1	0.0	0.0	0.6	364.4	392.7	396.9	434.6	.	.	413.3
Iran, Islamic Rep. of	291	290	9.4	35.7	28.1	26.8	0.0	0.0	0.7	428.6	401.6	424.4	440.3	.	.	428.9
Ireland	214	213	8.5	41.6	30.3	19.6	0.0	0.0	0.5	528.9	527.8	526.2	534.7	.	.	552.2
Italy	257	245	3.2	28.5	35.1	33.2	3.9	0.0	0.3	522.2	519.5	515.9	513.7	517.3	.	524.7
Japan	157	156	3.0	41.8	50.7	4.5	0.3	0.0	0.0	568.9	569.0	569.3	567.0	545.1	.	.
Kazakhstan	239	235	3.5	9.9	59.8	26.9	0.5	0.0	1.0	539.3	534.3	543.6	573.2	529.8	.	468.6
Korea, Rep. of	182	181	9.3	28.0	49.9	12.7	0.6	0.0	0.0	586.4	587.9	588.1	599.3	594.1	.	.
Kuwait	294	280	9.9	24.7	32.9	32.5	7.6	0.0	0.3	340.6	340.8	331.4	342.7	323.0	.	365.2
Lithuania	291	285	4.3	31.0	28.9	35.8	1.1	0.0	0.0	534.9	525.3	532.3	526.4	492.7	.	374.7
Morocco	367	349	13.8	37.5	25.6	23.2	4.4	0.0	0.6	325.5	345.0	363.0	368.6	338.3	.	424.5
Netherlands	223	168	10.0	34.0	35.5	20.5	21.4	0.0	2.0	524.0	514.1	520.3	515.3	516.1	.	512.3
New Zealand	461	442	11.0	40.5	33.0	15.5	2.2	0.0	1.6	512.8	507.9	500.8	509.2	483.8	.	488.6
Northern Ireland	154	130	16.5	39.0	28.4	16.1	17.4	0.0	0.8	521.8	513.9	524.9	529.3	514.8	.	521.0
Norway	227	195	9.0	45.6	32.3	13.1	11.9	0.0	0.9	540.1	537.5	538.3	543.5	527.0	.	559.4
Oman	357	349	2.7	25.8	33.5	38.0	0.4	0.0	1.3	433.0	426.2	426.2	440.0	395.6	.	391.5
Poland	254	252	2.2	9.7	39.4	48.6	0.0	0.0	0.7	539.6	547.9	551.4	544.2	.	.	531.5
Portugal	322	305	8.5	46.2	24.1	21.1	5.1	0.0	0.8	499.2	508.8	503.8	514.9	502.5	.	541.0
Qatar	227	226	1.9	14.4	29.0	54.7	0.0	0.0	0.5	440.6	433.4	437.1	436.4	.	.	433.9
Russian Federation	217	216	3.7	22.2	55.7	18.4	0.0	0.0	0.4	573.6	554.7	571.6	570.1	.	.	468.3
Saudi Arabia	189	187	10.5	29.9	27.6	32.0	1.3	0.0	0.0	354.7	386.0	400.5	398.9	349.2	.	.
Serbia	192	191	3.0	19.2	48.3	29.4	0.1	0.0	0.0	529.5	522.5	525.3	524.2	478.0	.	.
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	7.1	36.8	26.8	29.3	0.7	0.0	0.3	509.9	519.9	523.2	519.6	567.2	.	574.0
Slovenia	256	240	4.1	44.2	47.4	4.4	5.4	0.0	1.0	544.0	543.8	543.8	531.4	533.3	.	530.0
Spain	393	374	17.1	42.9	25.6	14.4	4.1	0.0	1.2	522.5	518.9	513.5	519.3	519.3	.	516.0
Sweden	212	205	4.0	15.1	48.5	32.4	3.9	0.0	0.0	538.7	536.0	543.2	537.9	539.8	.	.
Turkey	251	250	4.4	17.1	16.4	62.1	0.0	0.0	0.1	472.6	471.9	491.6	485.2	.	.	467.1
United Arab Emirates	840	779	6.5	19.3	40.2	34.0	5.7	0.0	1.3	427.7	442.3	440.2	476.1	417.5	.	549.4
United States	492	436	16.8	41.1	25.6	16.5	12.7	0.0	0.2	550.0	550.2	540.1	539.9	547.0	.	470.9
International Avg (n=46)	13512	12517	7.7	29.8	38.1	24.5	3.8	0.0	0.7	499.8	502.0	505.0	507.8	497.7	.	498.1
Buenos Aires, Argentina	291	129	1.3	31.4	21.0	46.3	53.8	0.0	0.8	421.7	405.9	408.4	434.2	416.2	.	419.7
Ontario, Canada	275	252	15.0	41.5	30.3	13.1	6.3	0.0	2.6	541.8	532.4	531.9	513.7	512.1	.	546.2
Quebec, Canada	151	143	10.9	18.1	54.5	16.5	5.2	0.0	0.0	517.7	530.6	520.5	532.2	534.7	.	.
Norway (4)	223	195	5.6	43.7	36.0	14.7	10.1	0.0	0.8	497.2	496.4	489.2	492.6	491.3	.	485.8
Abu Dhabi, UAE	212	186	10.1	22.8	39.3	27.8	9.0	0.0	1.2	408.4	409.8	409.8	428.2	398.9	.	529.1
Dubai, UAE	290	277	5.6	19.1	37.2	38.1	2.2	0.0	2.3	485.5	511.0	507.1	530.3	512.5	.	628.3
Florida, US	120	93	32.1	34.2	24.1	9.6	20.6	0.0	0.9	554.7	559.1	535.0	547.4	542.1	.	499.0

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too many administrative tasks  
 Location: TQG-11h (ATBG11H)

Country	Sample	Valid N	1. Agree a lot %	2. Agree a little %	3. Disagree a little %	4. Disagree a lot %	Not Administered %	Not Applicable %	Omitted %	1. Agree a lot Mean	2. Agree a little Mean	3. Disagree a little Mean	4. Disagree a lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	435	29.7	46.2	18.0	6.1	5.7	0.0	0.7	522.4	527.6	521.9	524.2	510.2	.	470.2
Bahrain	345	338	7.2	21.9	36.4	34.6	1.9	0.0	0.6	459.2	455.0	464.8	456.7	420.5	.	474.6
Belgium (Flemish)	295	290	50.7	39.9	7.9	1.6	1.2	0.0	0.3	514.1	508.8	509.8	512.3	500.5	.	525.6
Bulgaria	233	232	18.6	38.1	26.5	16.8	0.0	0.0	0.1	541.2	528.8	536.4	543.7	.	.	618.0
Canada	699	651	19.8	40.4	24.8	15.0	5.5	0.0	1.3	531.1	525.7	521.9	518.6	520.0	.	546.1
Chile	180	160	42.8	26.8	15.6	14.8	6.9	0.0	4.0	472.4	477.1	495.9	482.4	473.8	.	460.5
Chinese Taipei	178	178	8.9	22.1	33.7	35.3	0.0	0.0	0.0	557.2	554.3	554.2	556.4	.	.	.
Croatia	223	220	43.2	40.6	14.2	2.1	1.5	0.0	0.0	540.5	528.8	527.0	523.2	531.0	.	.
Cyprus	242	237	2.4	19.8	36.2	41.5	1.1	0.0	0.7	476.6	480.7	483.2	479.4	494.5	.	504.8
Czech Republic	265	263	20.3	46.7	26.9	6.2	0.8	0.0	0.0	535.1	530.0	540.8	536.3	542.1	.	.
Denmark	196	166	14.5	37.6	31.3	16.5	11.8	0.0	1.4	515.3	528.9	523.6	534.6	530.3	.	549.1
England	214	193	52.2	35.2	9.5	3.1	5.1	0.0	0.5	534.1	536.8	555.1	527.6	521.2	.	484.4
Finland	341	330	5.4	20.4	43.6	30.6	4.3	0.0	0.0	552.7	555.1	554.7	551.4	557.2	.	.
France	273	262	43.1	36.7	19.4	0.8	4.0	0.0	0.4	484.1	489.4	494.9	481.0	471.5	.	475.9
Georgia	188	187	2.7	9.4	34.6	53.3	0.7	0.0	0.0	403.8	450.1	451.0	454.2	438.4	.	.
Germany	226	201	29.1	38.4	25.6	7.0	10.8	0.0	0.0	525.4	525.7	531.9	534.1	534.0	.	.
Hong Kong SAR	148	145	21.2	45.2	28.4	5.2	1.1	0.0	0.3	551.3	553.6	567.9	543.1	549.3	.	558.8
Hungary	244	237	55.6	28.2	14.4	1.9	1.1	0.0	2.1	544.3	544.9	534.4	543.4	588.9	.	468.2
Indonesia	293	292	17.2	34.7	38.5	9.7	0.0	0.0	0.3	392.6	403.5	391.9	398.2	.	.	399.1
Iran, Islamic Rep. of	291	289	36.4	40.1	14.5	9.0	0.0	0.0	0.4	422.2	419.1	427.2	413.5	.	.	451.3
Ireland	214	212	36.1	38.0	15.7	10.2	0.0	0.0	0.9	529.2	532.0	525.1	519.0	.	.	562.4
Italy	257	244	9.1	18.5	14.6	57.8	3.9	0.0	1.1	517.3	518.9	515.3	515.2	517.3	.	547.8
Japan	157	155	28.8	43.9	25.1	2.2	0.3	0.0	0.6	571.1	567.5	571.2	557.9	545.1	.	545.4
Kazakhstan	239	235	2.3	15.8	59.8	22.0	0.5	0.0	1.0	544.2	551.0	546.8	560.9	529.8	.	468.6
Korea, Rep. of	182	181	30.6	40.3	23.7	5.4	0.6	0.0	0.0	588.6	589.2	590.7	587.8	594.1	.	.
Kuwait	294	279	18.2	25.9	30.2	25.6	7.6	0.0	0.5	330.3	344.5	326.2	352.8	323.0	.	320.5
Lithuania	291	285	6.3	29.8	34.3	29.7	1.1	0.0	0.0	517.6	531.5	528.0	527.1	492.7	.	374.7
Morocco	367	347	8.2	14.5	24.1	53.2	4.4	0.0	1.6	328.5	334.4	368.0	352.5	338.3	.	422.8
Netherlands	223	171	62.3	29.9	7.8	0.0	21.4	0.0	0.0	520.6	512.9	508.9	.	516.1	.	.
New Zealand	461	443	38.4	38.8	16.2	6.7	2.2	0.0	1.3	507.1	509.8	497.7	503.2	483.8	.	477.6
Northern Ireland	154	129	56.5	33.4	7.1	3.0	17.4	0.0	1.9	518.3	521.8	534.9	526.0	514.8	.	517.8
Norway	227	196	27.7	45.3	15.1	11.9	11.9	0.0	0.5	533.8	540.9	538.1	543.7	527.0	.	572.1
Oman	357	348	10.5	28.5	34.0	27.0	0.4	0.0	1.6	426.7	436.3	431.2	428.8	395.6	.	404.7
Poland	254	254	40.8	40.2	13.1	5.8	0.0	0.0	0.0	549.0	543.5	554.5	543.1	.	.	.
Portugal	322	304	38.9	31.3	16.2	13.6	5.1	0.0	1.3	505.4	505.1	511.3	519.8	502.5	.	517.6
Qatar	227	226	12.9	24.3	22.3	40.5	0.0	0.0	0.5	426.8	440.8	433.2	438.2	.	.	433.9
Russian Federation	217	216	1.9	11.4	32.2	54.5	0.0	0.0	0.4	567.7	578.4	563.6	567.7	.	.	468.3
Saudi Arabia	189	188	9.1	21.2	31.7	38.1	0.5	0.0	0.0	388.6	372.9	381.2	408.6	351.8	.	.
Serbia	192	191	69.5	23.0	4.6	2.9	0.1	0.0	0.0	528.9	510.2	533.5	520.2	478.0	.	.
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	48.0	29.9	16.1	6.0	0.7	0.0	0.3	516.8	523.7	519.7	527.7	567.2	.	574.0
Slovenia	256	242	69.4	27.0	2.6	1.0	5.4	0.0	0.2	543.4	542.5	543.4	545.5	533.3	.	505.9
Spain	393	377	36.1	38.3	14.9	10.7	4.1	0.0	0.0	512.6	522.7	516.8	522.4	519.3	.	.
Sweden	212	205	37.6	43.5	13.9	4.9	3.9	0.0	0.0	530.9	547.8	535.7	557.0	539.8	.	.
Turkey	251	248	3.6	12.6	15.0	68.8	0.0	0.0	0.7	462.2	473.5	493.0	484.0	.	.	501.0
United Arab Emirates	840	778	14.8	26.3	35.3	23.7	5.7	0.0	1.3	458.6	451.3	438.4	468.0	417.5	.	558.5
United States	492	436	21.0	31.8	26.9	20.3	12.7	0.0	0.2	553.1	549.7	539.6	540.8	547.0	.	470.9
International Avg (n=46)	13512	12522	27.4	31.1	22.9	18.6	3.8	0.0	0.6	501.2	503.8	505.1	505.2	497.8	.	491.8
Buenos Aires, Argentina	291	129	15.4	41.3	19.6	23.7	53.8	0.0	0.8	412.7	413.1	417.1	438.0	416.2	.	419.7
Ontario, Canada	275	252	15.7	46.0	22.4	15.8	6.3	0.0	2.6	543.0	530.5	525.3	529.8	512.1	.	546.2
Quebec, Canada	151	143	24.8	34.3	30.2	10.6	5.2	0.0	0.0	527.2	527.3	518.8	520.1	534.7	.	.
Norway (4)	223	196	31.2	50.1	12.8	5.9	9.9	0.0	0.9	494.2	493.0	491.4	489.5	491.1	.	520.0
Abu Dhabi, UAE	212	187	15.4	24.7	38.7	21.1	9.0	0.0	0.9	444.9	404.4	418.1	399.4	398.9	.	545.9
Dubai, UAE	290	276	13.9	28.7	30.6	26.9	2.2	0.0	2.5	526.3	526.4	488.6	528.3	512.5	.	622.8
Florida, US	120	93	32.4	25.8	30.5	11.3	20.6	0.0	0.9	546.6	565.1	546.1	542.6	542.1	.	499.0

Question: How many students are in this class?

Location: TQG-12A (ATBG12A)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	429	8.8	0.0	0.7	26.2	28.0	1.0	20.0	21.0	25.0	26.0	28.0	30.0	32.0	33.0
Bahrain	345	324	2.5	0.0	3.8	29.9	30.0	9.0	19.0	22.0	26.0	30.0	33.0	37.0	40.0	81.0
Belgium (Flemish)	295	287	1.2	0.0	1.2	20.5	20.0	6.0	13.0	15.0	18.0	20.0	24.0	26.0	27.0	35.0
Bulgaria	233	231	0.0	0.0	0.7	20.6	21.0	2.0	13.0	15.0	18.0	21.0	23.0	26.0	27.0	29.0
Canada	699	628	6.4	0.0	3.5	23.7	23.0	7.0	18.0	18.0	21.0	24.0	26.0	28.0	29.0	47.0
Chile	180	158	6.9	0.0	5.3	31.9	34.0	6.0	17.0	20.0	27.0	33.0	37.0	43.0	45.0	65.0
Chinese Taipei	178	175	0.0	0.0	2.0	24.9	27.0	2.0	16.0	19.0	24.0	26.0	27.0	29.0	29.0	42.0
Croatia	223	214	1.5	0.0	2.5	19.5	24.0	3.0	8.0	11.0	16.0	21.0	24.0	25.0	26.0	30.0
Cyprus	242	234	1.1	0.0	2.2	19.6	20.0	6.0	13.0	14.0	17.0	20.0	22.0	24.0	25.0	48.0
Czech Republic	265	263	0.8	0.0	0.0	21.6	24.0	2.0	12.0	15.0	18.0	22.0	25.0	28.0	30.0	32.0
Denmark	196	163	12.3	0.0	2.6	22.0	24.0	9.0	15.0	17.0	20.0	23.0	24.0	26.0	27.0	28.0
England	214	175	15.0	0.0	0.5	27.0	30.0	12.0	17.0	20.0	24.0	29.0	30.0	32.0	34.0	43.0
Finland	341	325	4.3	0.0	0.9	20.4	21.0	2.0	12.0	14.0	18.0	21.0	23.0	26.0	27.0	45.0
France	273	259	5.7	0.0	0.1	24.4	25.0	12.0	19.0	20.0	22.0	25.0	27.0	28.0	29.0	31.0
Georgia	188	177	0.7	0.0	5.2	22.8	30.0	2.0	10.0	11.0	18.0	24.0	29.0	31.0	33.0	57.0
Germany	226	201	10.8	0.0	0.0	21.1	24.0	6.0	14.0	16.0	19.0	21.0	24.0	25.0	27.0	30.0
Hong Kong SAR	148	139	1.1	0.0	6.1	27.6	25.0	7.0	20.0	22.0	24.0	27.0	31.0	35.0	36.0	40.0
Hungary	244	239	1.1	0.0	0.9	22.2	27.0	4.0	11.0	15.0	19.0	23.0	27.0	29.0	31.0	34.0
Indonesia	293	276	0.0	0.0	5.6	29.5	25.0	2.0	14.0	16.0	22.0	28.0	35.0	45.0	50.0	91.0
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	27.1	34.0	5.0	14.0	15.0	22.0	28.0	33.0	36.0	38.0	49.0
Ireland	214	213	0.0	0.0	0.4	25.8	27.0	3.0	18.0	20.0	24.0	26.0	29.0	31.0	32.0	37.0
Italy	257	238	3.9	0.0	3.4	20.3	21.0	2.0	12.0	14.0	18.0	21.0	24.0	25.0	26.0	28.0
Japan	157	154	0.3	0.0	1.4	30.7	31.0	4.0	18.0	22.0	27.0	32.0	35.0	37.0	40.0	41.0
Kazakhstan	239	235	0.5	0.0	1.0	21.6	26.0	2.0	10.0	13.0	17.0	22.0	26.0	28.0	32.0	42.0
Korea, Rep. of	182	180	0.6	0.0	0.7	26.9	26.0	1.0	18.0	20.0	23.0	26.0	28.0	31.0	36.0	70.0
Kuwait	294	264	7.9	0.0	5.9	29.1	24.0	9.0	20.0	21.0	24.0	27.0	32.0	42.0	44.0	68.0
Lithuania	291	286	1.1	0.0	0.0	20.0	20.0	2.0	10.0	12.0	17.0	21.0	24.0	26.0	26.0	29.0
Morocco	367	326	5.8	0.0	5.0	31.8	31.0	4.0	15.0	19.0	26.0	33.0	38.0	42.0	45.0	60.0
Netherlands	223	167	21.9	0.0	0.9	23.5	22.0	6.0	10.0	13.0	20.0	24.0	29.0	31.0	33.0	33.0
New Zealand	461	440	2.5	0.0	1.6	26.8	27.0	9.0	19.0	22.0	25.0	27.0	29.0	31.0	32.0	54.0
Northern Ireland	154	127	17.4	0.0	1.9	25.6	28.0	6.0	17.0	19.0	22.0	27.0	29.0	31.0	32.0	33.0
Norway (5)	227	149	16.9	0.0	14.1	22.7	21.0	3.0	11.0	15.0	18.0	22.0	26.0	29.0	34.0	53.0
Oman	357	287	0.6	0.0	16.8	29.3	30.0	7.0	21.0	22.0	26.0	29.0	31.0	34.0	45.0	71.0
Poland	254	235	0.0	0.0	7.5	22.6	20.0	5.0	11.0	15.0	18.0	22.0	25.0	28.0	40.0	54.0
Portugal	322	301	5.1	0.0	2.0	21.3	20.0	7.0	14.0	16.0	19.0	22.0	24.0	26.0	26.0	28.0
Qatar	227	213	0.0	0.0	5.1	27.5	30.0	1.0	18.0	20.0	23.0	28.0	30.0	35.0	38.0	57.0
Russian Federation	217	217	0.0	0.0	0.0	24.2	25.0	2.0	12.0	16.0	22.0	25.0	27.0	30.0	31.0	35.0
Saudi Arabia	189	158	6.2	0.0	11.3	25.6	20.0	6.0	12.0	16.0	20.0	24.0	31.0	38.0	43.0	58.0
Serbia	192	187	0.1	0.0	1.5	22.7	27.0	4.0	9.0	12.0	19.0	24.0	27.0	30.0	31.0	34.0
Singapore	358	351	1.5	0.0	0.7	35.6	40.0	9.0	19.0	26.0	34.0	38.0	40.0	41.0	42.0	44.0
Slovak Republic	328	311	1.1	0.0	4.2	19.3	20.0	5.0	11.0	13.0	16.0	20.0	23.0	25.0	26.0	30.0
Slovenia	256	242	5.4	0.0	0.2	20.9	24.0	4.0	13.0	14.0	17.0	21.0	24.0	26.0	27.0	71.0
Spain	393	374	4.1	0.0	0.0	23.0	25.0	3.0	13.0	16.0	21.0	24.0	26.0	28.0	29.0	33.0
Sweden	212	194	4.1	0.0	4.7	22.2	21.0	7.0	14.0	16.0	18.0	22.0	25.0	29.0	31.0	45.0
Turkey	251	250	0.0	0.0	1.1	27.0	28.0	4.0	9.0	14.0	20.0	27.0	34.0	40.0	42.0	51.0
United Arab Emirates	840	687	10.6	0.0	4.8	28.0	25.0	2.0	20.0	22.0	24.0	27.0	31.0	35.0	37.0	59.0
United States	492	432	12.7	0.0	1.3	24.4	22.0	8.0	17.0	18.0	20.0	23.0	27.0	32.0	34.0	60.0
International Avg (n=47)	13512	12406	4.5	0.0	3.0	24.7	25.5	4.9	14.6	17.1	21.2	25.0	28.2	31.3	33.5	46.1
Buenos Aires, Argentina	291	117	54.2	0.0	4.9	25.8	26.0	11.0	16.0	18.0	22.0	26.0	30.0	33.0	36.0	40.0
Ontario, Canada	275	245	7.2	0.0	5.4	24.6	23.0	12.0	18.0	20.0	22.0	24.0	27.0	29.0	30.0	47.0
Quebec, Canada	151	138	6.0	0.0	0.6	22.6	26.0	8.0	16.0	18.0	20.0	24.0	26.0	26.0	27.0	36.0
Norway (4)	223	157	12.4	0.0	12.7	21.8	20.0	7.0	13.0	15.0	18.0	21.0	25.0	28.0	33.0	46.0
Abu Dhabi, UAE	212	176	10.1	0.0	3.6	26.1	25.0	7.0	20.0	22.0	24.0	27.0	29.0	31.0	33.0	35.0
Dubai, UAE	290	239	8.1	0.0	9.4	28.7	25.0	2.0	20.0	22.0	25.0	28.0	32.0	36.0	40.0	59.0
Florida, US	120	92	20.6	0.0	1.3	21.4	21.0	11.0	17.0	17.0	19.0	21.0	23.0	25.0	27.0	39.0



Question: How many of the students in #G12A are in <fourth grade>?

Location: TQG-12B (ATBG12B)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	377	8.8	0.0	15.6	20.5	13.0	1.0	6.0	10.0	14.0	23.0	27.0	30.0	31.0	32.0
Bahrain	345	294	2.5	0.0	13.6	29.7	30.0	1.0	18.0	22.0	26.0	30.0	33.0	37.0	40.0	45.0
Belgium (Flemish)	295	33	1.2	0.0	90.6	12.4	6.0	1.0	1.0	6.0	8.0	13.0	16.0	20.0	20.0	22.0
Bulgaria	233	231	0.0	0.0	0.7	20.5	21.0	2.0	13.0	15.0	18.0	21.0	23.0	26.0	27.0	29.0
Canada	699	626	6.4	0.0	4.1	20.9	25.0	3.0	9.0	12.0	17.0	22.0	25.0	28.0	29.0	47.0
Chile	180	152	6.9	0.0	8.2	31.5	34.0	2.0	15.0	20.0	27.0	33.0	37.0	43.0	45.0	65.0
Chinese Taipei	178	169	0.0	0.0	5.4	24.9	27.0	2.0	17.0	19.0	24.0	26.0	27.0	29.0	29.0	42.0
Croatia	223	214	1.5	0.0	2.5	19.2	24.0	2.0	7.0	11.0	15.0	20.0	24.0	25.0	26.0	30.0
Cyprus	242	231	1.1	0.0	3.4	19.5	20.0	2.0	12.0	14.0	17.0	20.0	22.0	24.0	25.0	48.0
Czech Republic	265	261	0.8	0.0	0.7	21.3	24.0	2.0	10.0	14.0	18.0	22.0	25.0	28.0	30.0	32.0
Denmark	196	160	11.8	0.0	4.7	21.8	24.0	6.0	14.0	16.0	20.0	23.0	24.0	26.0	27.0	28.0
England	214	167	15.0	0.0	3.8	24.9	30.0	5.0	12.0	14.0	22.0	28.0	30.0	31.0	32.0	43.0
Finland	341	325	4.3	0.0	0.9	18.9	19.0	1.0	6.0	9.0	15.0	20.0	23.0	25.0	27.0	45.0
France	273	258	5.7	0.0	0.9	19.6	27.0	1.0	7.0	8.0	13.0	22.0	26.0	27.0	29.0	31.0
Georgia	188	173	0.7	0.0	8.6	22.3	30.0	1.0	9.0	10.0	18.0	23.0	29.0	31.0	32.0	35.0
Germany	226	201	10.8	0.0	0.0	20.4	24.0	3.0	13.0	15.0	19.0	21.0	23.0	25.0	26.0	30.0
Hong Kong SAR	148	133	1.1	0.0	12.2	27.8	25.0	7.0	20.0	23.0	24.0	27.0	31.0	35.0	36.0	40.0
Hungary	244	239	1.1	0.0	0.9	22.2	27.0	4.0	11.0	15.0	19.0	23.0	27.0	29.0	31.0	34.0
Indonesia	293	279	0.0	0.0	4.5	28.2	25.0	2.0	13.0	16.0	21.0	27.0	34.0	43.0	47.0	57.0
Iran, Islamic Rep. of	291	289	0.0	0.0	0.9	26.4	34.0	5.0	9.0	14.0	21.0	28.0	33.0	36.0	38.0	42.0
Ireland	214	214	0.0	0.0	0.0	22.3	26.0	1.0	8.0	11.0	18.0	24.0	28.0	30.0	31.0	37.0
Italy	257	0	0.0	0.0	0.0	22.3	26.0	1.0	8.0	11.0	18.0	24.0	28.0	30.0	31.0	37.0
Japan	157	154	0.3	0.0	1.4	30.7	31.0	4.0	18.0	22.0	27.0	32.0	35.0	37.0	40.0	41.0
Kazakhstan	239	233	0.5	0.0	1.7	21.1	24.0	2.0	10.0	13.0	17.0	22.0	25.0	28.0	31.0	37.0
Korea, Rep. of	182	180	0.6	0.0	0.7	26.8	26.0	1.0	18.0	20.0	23.0	26.0	28.0	31.0	36.0	70.0
Kuwait	294	223	7.9	0.0	22.6	27.2	24.0	6.0	15.0	20.0	24.0	26.0	30.0	38.0	43.0	45.0
Lithuania	291	286	1.1	0.0	0.0	20.0	20.0	2.0	10.0	12.0	17.0	21.0	24.0	26.0	26.0	29.0
Morocco	367	316	5.8	0.0	7.8	27.3	31.0	2.0	8.0	13.0	19.0	28.0	36.0	41.0	42.0	50.0
Netherlands	223	167	21.9	0.0	0.9	23.5	22.0	6.0	10.0	13.0	20.0	24.0	29.0	31.0	33.0	33.0
New Zealand	461	436	2.5	0.0	2.3	16.1	14.0	1.0	8.0	9.0	12.0	15.0	19.0	27.0	29.0	32.0
Northern Ireland	154	123	17.4	0.0	3.5	23.5	28.0	5.0	9.0	12.0	20.0	26.0	29.0	30.0	31.0	33.0
Norway (5)	227	146	16.9	0.0	16.6	22.5	21.0	1.0	10.0	14.0	18.0	22.0	26.0	29.0	34.0	53.0
Oman	357	130	0.6	0.0	64.6	26.6	24.0	1.0	12.0	15.0	21.0	27.0	30.0	40.0	46.0	50.0
Poland	254	241	0.0	0.0	5.7	21.2	20.0	5.0	11.0	15.0	18.0	21.0	24.0	27.0	28.0	54.0
Portugal	322	302	5.1	0.0	1.5	20.1	20.0	2.0	8.0	13.0	18.0	21.0	24.0	26.0	26.0	28.0
Qatar	227	181	0.0	0.0	22.9	26.1	30.0	1.0	15.0	17.0	22.0	27.0	30.0	34.0	35.0	46.0
Russian Federation	217	0	0.0	0.0	0.0	26.1	30.0	1.0	15.0	17.0	22.0	27.0	30.0	34.0	35.0	46.0
Saudi Arabia	189	144	1.3	0.0	23.1	24.1	20.0	2.0	9.0	14.0	19.0	24.0	30.0	36.0	40.0	48.0
Serbia	192	186	0.1	0.0	2.1	22.1	27.0	4.0	7.0	10.0	18.0	24.0	27.0	30.0	31.0	34.0
Singapore	358	351	1.5	0.0	0.7	35.6	40.0	9.0	19.0	26.0	34.0	38.0	40.0	41.0	42.0	44.0
Slovak Republic	328	302	1.1	0.0	6.8	18.8	20.0	2.0	8.0	11.0	16.0	20.0	23.0	25.0	26.0	30.0
Slovenia	256	242	5.4	0.0	0.2	19.9	24.0	1.0	10.0	13.0	16.0	20.0	24.0	26.0	27.0	29.0
Spain	393	370	4.1	0.0	2.1	22.7	25.0	1.0	13.0	15.0	20.0	24.0	26.0	28.0	29.0	33.0
Sweden	212	193	4.1	0.0	5.2	21.5	21.0	2.0	12.0	15.0	18.0	22.0	25.0	28.0	30.0	37.0
Turkey	251	250	0.0	0.0	1.1	27.0	28.0	4.0	9.0	14.0	20.0	27.0	34.0	40.0	42.0	51.0
United Arab Emirates	840	550	9.4	0.0	27.2	27.6	25.0	2.0	19.0	21.0	24.0	28.0	31.0	35.0	36.0	60.0
United States	492	419	12.7	0.0	4.1	24.1	22.0	2.0	15.0	17.0	20.0	23.0	27.0	32.0	34.0	60.0
International Avg (n=45)	13512	11151	4.4	0.0	9.0	23.4	24.5	2.7	11.4	14.6	19.4	24.1	27.6	31.0	32.8	40.9
Buenos Aires, Argentina	291	97	54.2	0.0	11.4	26.0	26.0	9.0	16.0	18.0	22.0	26.0	31.0	34.0	37.0	40.0
Ontario, Canada	275	243	7.2	0.0	6.6	20.7	24.0	4.0	9.0	11.0	15.0	22.0	25.0	28.0	30.0	47.0
Quebec, Canada	151	138	6.0	0.0	0.6	21.2	26.0	4.0	10.0	12.0	18.0	23.0	26.0	26.0	27.0	29.0
Norway (4)	223	154	12.4	0.0	13.9	21.0	20.0	4.0	10.0	13.0	18.0	21.0	24.0	28.0	30.0	46.0
Abu Dhabi, UAE	212	127	10.1	0.0	28.0	25.9	25.0	3.0	18.0	21.0	24.0	27.0	29.0	32.0	33.0	35.0
Dubai, UAE	290	183	8.1	0.0	31.3	28.8	25.0	2.0	19.0	21.0	24.0	28.0	33.0	36.0	40.0	59.0
Florida, US	120	92	20.6	0.0	1.3	21.2	21.0	4.0	16.0	17.0	19.0	21.0	23.0	25.0	27.0	39.0

Question: How many <fourth grade> students experience difficulties understanding spoken <language of test>?  
 Location: TQG-13 (ATBG13)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	426	8.8	0.0	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	20.0
Bahrain	345	324	2.5	0.0	4.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	10.0	22.0
Belgium (Flemish)	295	269	1.2	0.0	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	13.0
Bulgaria	233	220	0.0	0.0	6.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	15.0	22.0
Canada	699	626	6.4	0.0	3.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	25.0
Chile	180	143	6.9	0.0	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	12.0	20.0
Chinese Taipei	178	175	0.0	0.0	1.7	1.8	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	26.0
Croatia	223	220	1.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	9.0
Cyprus	242	225	1.1	0.0	6.6	2.3	0.0	0.0	0.0	0.0	0.0	2.0	3.0	6.0	7.0	12.0
Czech Republic	265	263	0.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	7.0	11.0
Denmark	196	164	11.8	0.0	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	14.0
England	214	174	15.0	0.0	0.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	9.0	25.0
Finland	341	328	4.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	24.0
France	273	253	5.7	0.0	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	10.0
Georgia	188	178	0.7	0.0	3.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	30.0
Germany	226	195	10.8	0.0	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	7.0	15.0
Hong Kong SAR	148	138	1.1	0.0	6.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	11.0
Hungary	244	236	1.1	0.0	1.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	6.0	25.0
Indonesia	293	180	0.0	0.0	35.5	5.4	2.0	0.0	1.0	1.0	2.0	4.0	6.0	11.0	15.0	26.0
Iran, Islamic Rep. of	291	286	0.0	0.0	1.2	2.5	0.0	0.0	0.0	0.0	0.0	1.0	3.0	8.0	10.0	22.0
Ireland	214	207	0.0	0.0	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	12.0
Italy	257	232	3.9	0.0	3.4	1.5	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	26.0
Japan	157	154	0.3	0.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	32.0
Kazakhstan	239	225	0.5	0.0	5.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	13.0	26.0
Korea, Rep. of	182	179	0.6	0.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	5.0
Kuwait	294	226	7.9	0.0	20.7	4.3	0.0	0.0	0.0	0.0	0.0	3.0	5.0	10.0	15.0	45.0
Lithuania	291	286	1.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	22.0
Morocco	367	319	5.8	0.0	7.5	7.0	0.0	0.0	0.0	0.0	2.0	6.0	10.0	15.0	20.0	45.0
Netherlands	223	167	21.9	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	9.0
New Zealand	461	432	2.5	0.0	3.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	13.0
Northern Ireland	154	128	17.4	0.0	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	12.0
Norway (5)	227	181	16.9	0.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	4.0	10.0
Oman	357	268	1.3	0.0	21.8	5.8	0.0	0.0	0.0	0.0	0.0	3.0	7.0	14.0	20.0	60.0
Poland	254	235	0.0	0.0	6.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	20.0
Portugal	322	296	5.1	0.0	3.3	1.7	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	6.0	12.0
Qatar	227	179	0.0	0.0	23.5	3.1	0.0	0.0	0.0	0.0	0.0	1.0	5.0	10.0	12.0	25.0
Russian Federation	217	217	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	10.0
Saudi Arabia	189	154	0.5	0.0	18.0	3.7	0.0	0.0	0.0	0.0	0.0	1.0	5.0	10.0	15.0	35.0
Serbia	192	159	0.1	0.0	17.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	26.0
Singapore	358	351	1.5	0.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0	40.0
Slovak Republic	328	323	1.1	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	25.0
Slovenia	256	242	5.4	0.0	0.2	1.6	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	7.0	11.0
Spain	393	365	4.1	0.0	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	29.0
Sweden	212	193	4.1	0.0	5.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	17.0
Turkey	251	249	0.0	0.0	1.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	9.0	9.0	28.0
United Arab Emirates	840	627	8.8	0.0	16.4	5.4	0.0	0.0	0.0	0.0	0.0	3.0	6.0	16.0	20.0	35.0
United States	492	435	12.7	0.0	0.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	8.0	30.0
International Avg (n=47)	13512	12052	4.3	0.0	5.7	1.8	0.0	0.0	0.0	0.0	0.1	0.6	2.0	5.0	7.3	22.2
Buenos Aires, Argentina	291	118	54.2	0.0	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	16.0
Ontario, Canada	275	244	7.2	0.0	4.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	18.0
Quebec, Canada	151	136	5.9	0.0	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	5.0	25.0
Norway (4)	223	190	12.4	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	5.0	12.0
Abu Dhabi, UAE	212	155	10.1	0.0	16.7	7.2	0.0	0.0	0.0	0.0	1.0	4.0	10.0	20.0	25.0	32.0
Dubai, UAE	290	217	8.1	0.0	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.0	15.0	33.0
Florida, US	120	93	20.6	0.0	0.9	2.2	0.0	0.0	0.0	0.0	0.0	1.0	3.0	7.0	10.0	20.0

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives  
 Location: TQG-14a (ATBG14A)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	55.6	36.3	8.1	0.0	8.8	0.0	0.8	524.7	529.1	524.6	.	499.5	.	485.2
Bahrain	345	336	79.6	16.4	4.0	0.0	2.5	0.0	0.6	458.7	468.5	433.0	.	427.2	.	502.6
Belgium (Flemish)	295	291	31.1	39.1	29.8	0.0	1.2	0.0	0.0	508.2	514.6	511.4	.	500.5	.	.
Bulgaria	233	233	64.4	27.1	8.5	0.0	0.0	0.0	0.0	533.5	546.3	519.0	.	.	.	.
Canada	699	638	50.9	37.5	11.7	0.0	6.4	0.0	1.8	525.4	521.0	531.1	.	523.5	.	548.3
Chile	180	163	80.4	18.1	1.5	0.0	6.9	0.0	1.7	475.8	490.4	464.4	.	473.8	.	462.0
Chinese Taipei	178	177	49.5	38.1	12.4	0.0	0.0	0.0	0.7	558.0	553.1	550.4	.	.	.	568.2
Croatia	223	220	86.0	10.2	3.8	0.0	1.5	0.0	0.0	533.6	538.6	517.4	.	531.0	.	.
Cyprus	242	238	84.2	12.4	3.4	0.0	1.1	0.0	0.2	483.0	473.1	465.9	.	494.5	.	445.3
Czech Republic	265	263	56.4	31.6	11.9	0.0	0.8	0.0	0.0	532.9	536.7	534.8	.	542.1	.	.
Denmark	196	168	35.1	39.8	25.1	0.0	12.3	0.0	0.0	528.9	526.3	524.0	.	530.0	.	.
England	214	176	44.9	37.1	18.0	0.0	15.0	0.0	0.2	547.1	526.7	539.5	.	522.3	.	553.6
Finland	341	327	44.4	38.0	17.6	0.0	4.3	0.0	0.2	553.5	553.5	554.6	.	557.1	.	535.4
France	273	256	32.8	36.0	31.3	0.0	5.7	0.0	1.1	484.6	492.0	488.3	.	472.7	.	475.9
Georgia	188	186	64.2	12.8	23.0	0.0	0.7	0.0	0.4	452.8	460.5	442.2	.	438.4	.	451.7
Germany	226	199	53.4	35.2	11.4	0.0	10.8	0.0	1.0	531.5	516.8	544.6	.	534.0	.	524.6
Hong Kong SAR	148	145	49.6	32.1	18.3	0.0	1.1	0.0	0.3	554.2	554.1	567.6	.	549.3	.	558.8
Hungary	244	239	72.9	20.7	5.9	0.4	1.1	0.0	0.9	541.6	544.2	535.1	590.1	588.9	.	486.2
Indonesia	293	293	77.6	13.6	8.5	0.3	0.0	0.0	0.0	400.0	389.0	381.7	298.1	.	.	.
Iran, Islamic Rep. of	291	291	54.6	30.7	14.7	0.0	0.0	0.0	0.0	421.5	424.1	412.8	.	.	.	.
Ireland	214	213	54.0	33.2	12.8	0.0	0.0	0.0	0.3	532.5	524.3	525.8	.	.	.	509.0
Italy	257	243	64.7	19.7	15.5	0.0	3.9	0.0	0.8	518.6	513.1	508.9	.	517.3	.	565.5
Japan	157	155	32.6	36.4	30.3	0.7	0.3	0.0	0.7	568.6	568.7	569.7	579.9	545.1	.	581.1
Kazakhstan	239	237	78.9	14.2	6.8	0.0	0.5	0.0	0.3	554.4	520.0	563.2	.	529.8	.	425.5
Korea, Rep. of	182	181	62.0	31.9	6.2	0.0	0.6	0.0	0.0	588.3	591.1	589.8	.	594.1	.	.
Kuwait	294	278	65.5	21.4	12.4	0.7	7.9	0.0	0.6	340.4	335.8	335.7	286.9	322.9	.	329.4
Lithuania	291	284	69.9	20.8	8.3	0.9	1.1	0.0	0.1	531.6	523.7	511.4	509.0	492.7	.	518.4
Morocco	367	346	50.2	15.1	34.2	0.6	5.8	0.0	0.2	353.3	341.4	358.9	311.3	337.9	.	311.8
Netherlands	223	168	32.3	43.3	24.4	0.0	21.4	0.0	0.7	514.8	518.3	519.2	.	516.1	.	521.1
New Zealand	461	436	49.9	39.5	10.6	0.0	2.5	0.0	1.9	506.3	504.5	512.2	.	494.2	.	484.6
Northern Ireland	154	131	41.1	46.6	12.3	0.0	17.4	0.0	0.0	522.9	517.3	526.9	.	514.8	.	.
Norway	227	183	33.0	36.3	30.7	0.0	16.9	0.0	0.5	539.1	539.4	536.7	.	532.2	.	572.1
Oman	357	349	79.9	15.0	5.1	0.0	0.6	0.0	1.1	435.2	414.0	424.1	.	399.2	.	407.3
Poland	254	254	77.1	17.3	5.7	0.0	0.0	0.0	0.0	548.6	544.8	534.9	.	.	.	.
Portugal	322	307	71.1	21.2	7.8	0.0	5.1	0.0	0.0	509.0	509.9	498.6	.	502.5	.	477.6
Qatar	227	225	75.5	18.5	6.0	0.0	0.0	0.0	0.6	440.1	425.8	421.0	.	.	.	427.1
Russian Federation	217	217	53.7	29.6	16.7	0.0	0.0	0.0	0.0	568.1	568.1	562.9	.	.	.	.
Saudi Arabia	189	188	65.7	23.7	10.6	0.0	0.5	0.0	0.0	401.2	374.2	361.2	.	351.8	.	.
Serbia	192	190	80.0	14.5	5.5	0.0	0.0	0.0	1.0	528.1	522.4	475.0	.	.	.	540.4
Singapore	358	351	46.2	32.8	21.0	0.0	1.5	0.0	0.7	593.7	589.5	586.2	.	598.2	.	534.6
Slovak Republic	328	325	67.6	20.1	12.3	0.0	1.1	0.0	0.0	518.9	523.3	521.9	.	549.3	.	.
Slovenia	256	242	58.3	34.0	7.7	0.0	5.4	0.0	0.2	545.4	541.7	533.0	.	533.3	.	505.9
Spain	393	376	77.6	14.9	7.6	0.0	4.1	0.0	0.0	519.8	506.5	524.3	.	519.3	.	.
Sweden	212	202	37.6	43.2	19.2	0.0	4.1	0.0	0.7	540.8	538.6	541.1	.	540.6	.	574.3
Turkey	251	250	64.0	16.0	19.4	0.6	0.0	0.0	0.4	487.7	472.3	480.9	390.2	.	.	492.9
United Arab Emirates	840	729	74.9	18.8	6.1	0.2	8.9	0.0	1.1	461.3	432.2	423.2	327.9	414.6	.	576.8
United States	492	435	68.2	20.2	11.4	0.2	12.7	0.0	0.4	549.0	543.5	531.6	495.6	547.0	.	530.5
International Avg (n=47)	13512	12766	59.6	26.8	13.5	0.1	4.3	0.0	0.5	507.8	503.5	500.4	421.0	501.0	.	499.5
Buenos Aires, Argentina	291	127	62.9	26.1	11.0	0.0	54.2	0.0	1.3	422.6	422.2	394.6	.	416.5	.	417.5
Ontario, Canada	275	246	52.4	38.4	9.2	0.0	7.2	0.0	3.6	528.6	533.1	533.7	.	516.1	.	548.3
Quebec, Canada	151	140	47.2	35.3	17.6	0.0	5.9	0.0	0.0	525.6	517.8	531.8	.	533.6	.	.
Norway (4)	223	189	39.2	36.8	23.9	0.0	12.4	0.0	0.4	495.7	489.9	494.5	.	491.7	.	466.7
Abu Dhabi, UAE	212	181	67.9	27.5	4.1	0.4	10.1	0.0	1.6	435.3	375.4	323.9	327.9	399.5	.	563.5
Dubai, UAE	290	251	78.9	17.4	3.8	0.0	8.1	0.0	1.4	520.8	529.3	526.5	.	442.3	.	660.6
Florida, US	120	93	72.8	19.5	7.6	0.0	20.6	0.0	0.9	551.6	560.9	516.9	.	542.1	.	499.0

Question: How often do you do the following in teaching this class? Ask students to explain their answers  
 Location: TQG-14b (ATBG14B)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	73.4	23.1	3.5	0.0	8.8	0.0	0.8	525.0	531.0	522.1	.	499.5	.	485.2
Bahrain	345	336	68.0	22.0	10.0	0.0	2.5	0.0	0.6	463.8	454.3	439.9	.	427.2	.	502.6
Belgium (Flemish)	295	290	65.0	26.2	8.7	0.0	1.2	0.0	0.4	510.5	515.4	509.3	.	500.5	.	498.6
Bulgaria	233	232	81.6	12.2	6.3	0.0	0.0	0.0	0.5	541.0	519.6	513.3	.	.	.	325.6
Canada	699	639	75.0	20.7	4.3	0.0	6.4	0.0	1.6	524.7	525.0	517.1	.	523.5	.	551.4
Chile	180	163	65.5	31.3	2.4	0.9	6.9	0.0	1.7	481.7	470.1	496.6	466.6	473.8	.	462.0
Chinese Taipei	178	177	27.5	31.2	41.3	0.0	0.0	0.0	0.6	558.2	554.9	554.0	.	.	.	534.5
Croatia	223	220	81.3	15.1	3.6	0.0	1.5	0.0	0.0	534.2	528.8	537.8	.	531.0	.	.
Cyprus	242	238	94.5	4.5	0.9	0.0	1.1	0.0	0.2	481.1	480.9	495.8	.	494.5	.	445.3
Czech Republic	265	263	72.2	18.6	8.5	0.8	0.8	0.0	0.0	537.0	527.3	530.3	499.3	542.1	.	.
Denmark	196	167	54.4	30.1	15.6	0.0	12.3	0.0	0.4	526.2	530.7	519.9	.	530.0	.	537.3
England	214	176	89.4	9.5	1.1	0.0	15.0	0.0	0.2	537.9	542.5	524.7	.	522.3	.	553.6
Finland	341	326	43.8	42.3	13.9	0.0	4.3	0.0	0.3	553.0	556.4	548.1	.	557.1	.	524.7
France	273	258	80.4	17.1	2.5	0.0	5.7	0.0	0.6	488.1	487.6	492.4	.	472.7	.	514.1
Georgia	188	186	89.0	7.7	3.4	0.0	0.7	0.0	0.4	452.4	447.2	433.9	.	438.4	.	451.7
Germany	226	201	64.4	26.0	9.6	0.0	10.8	0.0	0.0	531.8	519.4	523.7	.	534.0	.	.
Hong Kong SAR	148	145	52.1	34.5	13.4	0.0	1.1	0.0	0.3	563.1	548.6	552.3	.	549.3	.	558.8
Hungary	244	239	67.8	26.7	5.6	0.0	1.1	0.0	0.9	548.2	521.9	562.9	.	588.9	.	486.2
Indonesia	293	293	59.6	23.0	16.1	1.3	0.0	0.0	0.0	402.5	398.8	376.6	339.3	.	.	.
Iran, Islamic Rep. of	291	291	71.2	24.7	4.1	0.0	0.0	0.0	0.0	424.7	413.0	405.3	.	.	.	.
Ireland	214	213	66.4	27.7	5.8	0.0	0.0	0.0	0.3	527.0	529.9	546.5	.	.	.	509.0
Italy	257	245	75.2	17.9	6.9	0.0	3.9	0.0	0.3	518.1	521.0	484.3	.	517.3	.	564.7
Japan	157	155	41.8	45.7	12.5	0.0	0.3	0.0	0.7	571.2	569.0	561.6	.	545.1	.	581.1
Kazakhstan	239	237	85.1	13.5	1.4	0.0	0.5	0.0	0.3	554.6	522.9	535.7	.	529.8	.	425.5
Korea, Rep. of	182	181	50.3	30.7	19.0	0.0	0.6	0.0	0.0	590.8	588.4	586.9	.	594.1	.	.
Kuwait	294	278	56.3	28.7	14.4	0.6	7.9	0.0	0.6	349.6	327.2	315.9	352.4	322.9	.	349.1
Lithuania	291	285	77.0	19.6	3.4	0.0	1.1	0.0	0.0	528.6	530.4	503.8	.	492.7	.	374.7
Morocco	367	345	54.9	18.3	26.8	0.0	5.8	0.0	0.4	360.4	345.8	344.4	.	337.9	.	273.2
Netherlands	223	168	63.8	31.0	5.2	0.0	21.4	0.0	1.0	517.7	519.3	498.5	.	516.1	.	534.2
New Zealand	461	437	79.2	18.6	2.1	0.0	2.5	0.0	1.7	506.2	502.3	541.6	.	494.2	.	482.9
Northern Ireland	154	131	83.6	13.8	2.6	0.0	17.4	0.0	0.0	518.6	532.0	533.0	.	514.8	.	.
Norway	227	183	54.5	31.0	14.5	0.0	16.9	0.0	0.5	540.6	537.4	532.7	.	532.2	.	572.1
Oman	357	349	81.5	11.6	6.3	0.6	0.6	0.0	1.1	432.8	423.4	424.2	484.3	399.2	.	407.3
Poland	254	253	73.2	17.4	9.4	0.0	0.0	0.0	0.3	546.6	553.8	540.0	.	.	.	544.5
Portugal	322	307	83.4	13.9	2.7	0.0	5.1	0.0	0.0	509.0	504.7	509.0	.	502.5	.	477.6
Qatar	227	225	80.6	16.3	3.1	0.0	0.0	0.0	0.6	441.9	414.7	405.8	.	.	.	427.1
Russian Federation	217	217	89.5	6.0	4.5	0.0	0.0	0.0	0.0	568.2	560.4	555.9	.	.	.	.
Saudi Arabia	189	187	38.7	27.5	33.8	0.0	0.5	0.0	0.5	406.4	398.9	363.2	.	351.8	.	555.6
Serbia	192	191	81.5	15.1	3.4	0.0	0.0	0.0	0.3	528.9	507.4	495.4	.	.	.	533.5
Singapore	358	351	57.5	31.2	11.3	0.0	1.5	0.0	0.7	593.2	590.3	579.7	.	598.2	.	534.6
Slovak Republic	328	325	72.6	16.4	11.0	0.0	1.1	0.0	0.0	521.2	519.8	514.0	.	549.3	.	.
Slovenia	256	242	67.4	27.1	5.5	0.0	5.4	0.0	0.2	544.3	542.9	531.4	.	533.3	.	505.9
Spain	393	376	80.1	16.3	3.6	0.0	4.1	0.0	0.0	518.4	516.9	517.5	.	519.3	.	.
Sweden	212	202	66.6	30.6	2.9	0.0	4.1	0.0	0.7	537.0	545.7	546.6	.	540.6	.	574.3
Turkey	251	250	71.8	20.9	7.3	0.0	0.0	0.0	0.4	483.2	485.1	480.1	.	.	.	492.9
United Arab Emirates	840	727	70.9	22.5	6.5	0.1	8.9	0.0	1.5	468.1	422.8	398.0	436.0	414.6	.	543.0
United States	492	434	84.0	14.0	2.0	0.0	12.7	0.0	0.5	548.2	532.7	544.5	456.5	547.0	.	510.7
International Avg (n=47)	13512	12766	69.4	21.9	8.6	0.1	4.3	0.0	0.5	508.8	502.5	498.9	433.5	501.0	.	492.0
Buenos Aires, Argentina	291	128	79.7	18.8	1.6	0.0	54.2	0.0	1.1	421.8	416.7	340.7	.	416.5	.	411.4
Ontario, Canada	275	247	79.4	16.5	4.1	0.0	7.2	0.0	3.2	528.8	541.5	526.1	.	516.1	.	551.4
Quebec, Canada	151	140	72.2	21.5	6.3	0.0	5.9	0.0	0.0	525.7	519.7	518.1	.	533.6	.	.
Norway (4)	223	189	61.2	27.8	11.0	0.0	12.4	0.0	0.4	494.4	491.4	491.9	.	491.7	.	466.7
Abu Dhabi, UAE	212	181	68.4	25.9	5.7	0.1	10.1	0.0	1.6	424.5	391.7	384.8	406.1	399.5	.	563.5
Dubai, UAE	290	251	84.2	14.5	1.3	0.1	8.1	0.0	1.4	528.4	500.5	382.9	460.7	442.3	.	660.6
Florida, US	120	93	86.8	12.1	1.0	0.0	20.6	0.0	0.9	553.0	535.0	548.4	.	542.1	.	499.0

Question: How often do you do the following in teaching this class? Bring interesting materials to class  
 Location: TQG-14c (ATBG14C)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	430	24.2	53.4	21.9	0.5	8.8	0.0	1.4	529.9	526.1	521.2	592.8	499.5	.	504.4
Bahrain	345	336	62.6	26.6	10.6	0.1	2.5	0.0	0.6	461.6	459.2	448.2	278.1	427.2	.	502.6
Belgium (Flemish)	295	291	11.5	46.8	41.8	0.0	1.2	0.0	0.0	506.4	511.4	513.4	.	500.5	.	.
Bulgaria	233	232	28.6	41.0	30.4	0.0	0.0	0.0	0.1	542.1	534.8	530.7	.	.	.	618.0
Canada	699	636	17.8	48.7	33.4	0.1	6.5	0.0	2.0	521.2	521.5	530.2	542.1	523.5	.	547.0
Chile	180	162	31.6	44.3	23.2	0.9	6.9	0.0	1.9	464.0	489.2	478.2	466.6	473.8	.	455.5
Chinese Taipei	178	178	36.4	38.1	25.5	0.0	0.0	0.0	0.0	557.9	555.8	550.7	.	.	.	.
Croatia	223	220	26.8	48.6	24.6	0.0	1.5	0.0	0.0	536.8	534.7	527.5	.	531.0	.	.
Cyprus	242	238	49.5	40.9	9.6	0.0	1.1	0.0	0.2	483.6	479.4	477.1	.	494.5	.	445.3
Czech Republic	265	261	14.4	48.3	37.3	0.0	0.8	0.0	0.6	536.3	534.0	534.2	.	542.1	.	521.4
Denmark	196	168	13.4	40.7	45.0	0.8	12.3	0.0	0.0	534.9	523.9	526.7	522.1	530.0	.	.
England	214	176	30.3	49.6	19.5	0.6	15.0	0.0	0.2	539.1	537.5	540.9	462.2	522.3	.	553.6
Finland	341	327	6.3	40.6	52.7	0.5	4.3	0.0	0.2	550.8	552.6	555.1	539.2	557.1	.	535.4
France	273	259	8.0	28.3	62.6	1.1	5.7	0.0	0.1	475.5	491.3	488.7	469.1	472.7	.	588.3
Georgia	188	183	59.5	26.7	12.9	0.9	0.7	0.0	1.9	448.5	459.3	446.8	460.3	438.4	.	455.4
Germany	226	200	14.9	50.0	35.2	0.0	10.8	0.0	0.5	518.9	530.1	527.9	.	534.0	.	556.4
Hong Kong SAR	148	145	32.0	42.5	25.6	0.0	1.1	0.0	0.3	556.2	560.0	551.4	.	549.3	.	558.8
Hungary	244	239	27.9	54.6	17.5	0.0	1.1	0.0	0.9	530.6	550.8	532.4	.	588.9	.	486.2
Indonesia	293	292	41.4	22.0	36.3	0.3	0.0	0.0	0.2	403.9	403.0	385.7	298.1	.	.	350.6
Iran, Islamic Rep. of	291	289	35.8	39.8	24.0	0.5	0.0	0.0	0.6	429.6	414.8	417.4	420.7	.	.	463.0
Ireland	214	212	14.0	47.3	38.7	0.0	0.0	0.0	0.6	519.0	533.0	527.6	.	.	.	525.0
Italy	257	244	27.4	36.4	36.2	0.0	3.9	0.0	0.6	515.1	521.5	512.1	.	517.3	.	532.3
Japan	157	155	6.9	30.9	60.8	1.3	0.3	0.0	0.7	566.8	567.9	570.0	558.9	545.1	.	581.1
Kazakhstan	239	236	75.1	16.3	8.4	0.2	0.5	0.0	2.4	550.8	555.9	547.3	506.0	529.8	.	485.9
Korea, Rep. of	182	181	41.5	46.4	12.1	0.0	0.6	0.0	0.0	592.5	588.2	582.6	.	594.1	.	.
Kuwait	294	275	54.8	25.8	18.3	1.1	7.9	0.0	1.5	351.7	306.0	342.2	388.4	322.9	.	330.5
Lithuania	291	285	37.0	51.2	11.8	0.0	1.1	0.0	0.0	529.3	529.0	520.5	.	492.7	.	374.7
Morocco	367	347	12.9	21.0	61.4	4.8	5.8	0.0	0.0	357.4	352.1	353.8	336.5	337.9	.	356.3
Netherlands	223	170	6.0	34.8	58.6	0.5	21.4	0.0	0.2	501.4	519.3	517.9	517.0	516.1	.	514.2
New Zealand	461	437	14.8	58.3	26.5	0.4	2.5	0.0	1.7	503.2	503.4	514.0	516.4	494.2	.	482.9
Northern Ireland	154	130	15.7	38.1	46.2	0.0	17.4	0.0	0.5	517.6	526.8	517.5	.	514.8	.	483.9
Norway	227	183	21.7	36.4	42.0	0.0	16.9	0.0	0.5	538.0	541.4	536.2	.	532.2	.	572.1
Oman	357	344	54.7	35.7	9.6	0.0	0.6	0.0	2.5	432.0	428.3	433.1	.	399.2	.	445.0
Poland	254	253	30.7	45.3	24.0	0.0	0.0	0.0	1.2	550.7	545.6	544.6	.	.	.	569.3
Portugal	322	306	17.7	44.7	37.6	0.0	5.1	0.0	0.5	508.6	508.0	509.1	.	502.5	.	478.2
Qatar	227	223	55.7	24.8	19.5	0.0	0.0	0.0	2.7	430.4	433.6	457.4	.	.	.	429.1
Russian Federation	217	217	43.3	42.0	14.7	0.0	0.0	0.0	0.0	564.1	569.8	568.9	.	.	.	.
Saudi Arabia	189	187	35.0	36.0	27.6	1.5	0.5	0.0	0.5	402.2	395.1	374.3	307.5	351.8	.	381.9
Serbia	192	191	17.4	55.8	26.8	0.0	0.0	0.0	0.3	523.4	529.1	515.6	.	.	.	533.5
Singapore	358	351	12.8	47.0	40.2	0.0	1.5	0.0	0.7	587.9	598.5	582.6	.	598.2	.	534.6
Slovak Republic	328	325	29.5	48.5	22.0	0.0	1.1	0.0	0.0	516.9	523.4	517.4	.	549.3	.	.
Slovenia	256	242	15.3	63.5	21.2	0.0	5.4	0.0	0.2	549.7	540.6	546.3	.	533.3	.	505.9
Spain	393	374	15.0	39.9	45.1	0.0	4.1	0.0	0.9	520.6	523.6	512.4	.	519.3	.	523.2
Sweden	212	201	16.7	40.4	42.1	0.7	4.1	0.0	1.0	540.2	540.9	539.6	517.3	540.6	.	549.3
Turkey	251	250	13.0	22.6	63.5	0.9	0.0	0.0	0.4	498.1	479.0	484.1	332.0	.	.	492.9
United Arab Emirates	840	725	48.3	37.1	14.6	0.1	8.9	0.0	1.6	465.6	452.3	416.2	399.1	414.6	.	529.0
United States	492	434	28.2	47.6	23.6	0.6	12.7	0.0	0.5	546.7	549.4	537.5	571.4	547.0	.	510.7
International Avg (n=47)	13512	12740	28.4	40.5	30.7	0.4	4.3	0.0	0.7	506.6	507.0	503.5	454.6	501.0	.	496.6
Buenos Aires, Argentina	291	127	36.1	43.0	20.5	0.5	54.2	0.0	1.5	424.9	416.9	415.4	369.3	416.5	.	424.5
Ontario, Canada	275	245	16.3	51.1	32.6	0.0	7.2	0.0	4.1	529.3	523.9	542.2	.	516.1	.	547.0
Quebec, Canada	151	139	18.4	40.5	41.1	0.0	6.3	0.0	0.0	524.9	526.9	520.6	.	533.0	.	.
Norway (4)	223	188	14.2	48.2	37.6	0.0	12.4	0.0	0.7	497.2	493.5	491.5	.	491.7	.	480.3
Abu Dhabi, UAE	212	180	38.7	38.5	22.7	0.2	10.1	0.0	2.3	437.9	407.6	381.8	399.1	399.5	.	530.6
Dubai, UAE	290	251	53.7	40.4	6.0	0.0	8.1	0.0	1.4	514.5	535.1	508.8	.	442.3	.	660.6
Florida, US	120	93	32.2	49.5	18.3	0.0	20.6	0.0	0.9	556.2	555.7	527.9	.	542.1	.	499.0

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-14d (ATBG14D)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	25.1	42.3	32.1	0.4	8.8	0.0	0.8	534.4	527.1	519.6	471.7	499.5	.	485.2
Bahrain	345	334	26.2	44.7	25.2	3.9	2.5	0.0	1.1	452.2	466.5	458.5	429.2	427.2	.	487.8
Belgium (Flemish)	295	290	9.1	18.3	65.9	6.7	1.2	0.0	0.5	522.3	508.4	512.1	502.1	500.5	.	504.0
Bulgaria	233	232	13.6	30.6	49.5	6.3	0.0	0.0	0.1	554.5	533.0	530.4	548.7	.	.	618.0
Canada	699	639	16.1	40.3	40.7	2.9	6.4	0.0	1.6	522.2	522.6	527.2	522.5	523.5	.	551.4
Chile	180	162	30.2	41.7	26.4	1.7	6.9	0.0	1.9	470.1	478.6	488.3	454.8	473.8	.	470.1
Chinese Taipei	178	178	6.7	19.3	60.5	13.5	0.0	0.0	0.0	549.1	547.5	558.5	555.0	.	.	.
Croatia	223	220	18.9	45.3	35.0	0.7	1.5	0.0	0.0	538.7	536.3	528.1	481.2	531.0	.	.
Cyprus	242	238	26.7	42.6	29.3	1.4	1.1	0.0	0.2	487.6	482.3	473.6	485.7	494.5	.	445.3
Czech Republic	265	262	4.1	13.1	68.5	14.3	0.8	0.0	0.3	523.0	549.8	533.7	526.7	542.1	.	521.5
Denmark	196	166	6.4	17.9	67.9	7.8	12.3	0.0	0.8	527.3	526.3	528.9	511.1	530.0	.	491.7
England	214	176	46.3	43.5	10.2	0.0	15.0	0.0	0.2	532.6	544.3	537.4	.	522.3	.	553.6
Finland	341	327	3.7	26.2	69.2	1.0	4.3	0.0	0.2	568.2	556.9	551.9	544.3	557.1	.	535.4
France	273	259	4.1	23.4	60.6	11.9	5.7	0.0	0.1	492.9	495.1	487.3	476.9	472.7	.	588.3
Georgia	188	186	6.2	16.6	61.9	15.2	0.7	0.0	0.4	489.0	441.4	448.8	457.0	438.4	.	451.7
Germany	226	201	7.0	30.7	58.9	3.4	10.8	0.0	0.0	528.3	531.1	527.0	510.6	534.0	.	.
Hong Kong SAR	148	145	7.1	39.5	50.6	2.7	1.1	0.0	0.3	559.2	558.5	555.3	546.9	549.3	.	558.8
Hungary	244	238	21.4	33.0	45.5	0.1	1.1	0.0	1.1	525.0	558.3	538.1	503.9	588.9	.	504.9
Indonesia	293	292	27.5	25.0	38.8	8.7	0.0	0.0	0.4	402.9	412.6	389.1	366.3	.	.	359.3
Iran, Islamic Rep. of	291	291	22.6	39.3	33.0	5.2	0.0	0.0	0.0	432.5	416.1	424.1	388.6	.	.	.
Ireland	214	213	17.6	46.4	35.1	0.8	0.0	0.0	0.3	522.4	530.2	531.2	503.6	.	.	509.0
Italy	257	239	12.0	23.6	53.5	11.0	3.9	0.0	3.3	519.3	514.2	519.1	506.8	517.3	.	511.7
Japan	157	154	2.2	4.7	67.5	25.6	0.3	0.0	1.4	558.1	569.4	571.3	563.7	545.1	.	575.5
Kazakhstan	239	236	44.8	26.1	28.8	0.2	0.5	0.0	1.1	554.2	554.2	541.8	506.0	529.8	.	470.6
Korea, Rep. of	182	181	18.9	29.1	49.2	2.8	0.6	0.0	0.0	591.3	587.9	590.4	571.2	594.1	.	.
Kuwait	294	279	16.8	27.8	40.4	15.0	7.9	0.0	0.3	371.2	321.6	337.2	335.7	322.9	.	365.2
Lithuania	291	285	8.2	32.5	54.1	5.2	1.1	0.0	0.0	534.4	537.1	521.8	527.8	492.7	.	374.7
Morocco	367	347	6.9	13.0	47.0	33.1	5.8	0.0	0.0	379.2	341.7	348.7	358.4	337.9	.	356.3
Netherlands	223	169	14.6	46.2	39.3	0.0	21.4	0.0	0.7	516.5	517.8	516.7	.	516.1	.	541.2
New Zealand	461	436	30.9	49.4	19.5	0.2	2.5	0.0	1.9	512.1	505.1	499.8	471.2	494.2	.	488.5
Northern Ireland	154	128	21.3	32.3	44.1	2.3	17.4	0.0	2.6	518.2	517.1	523.4	534.5	514.8	.	528.9
Norway	227	183	5.9	26.1	61.1	6.8	16.9	0.0	0.5	551.1	536.5	539.4	527.3	532.2	.	572.1
Oman	357	348	22.9	45.5	30.4	1.2	0.6	0.0	1.2	431.8	431.1	433.0	405.2	399.2	.	402.3
Poland	254	254	8.5	25.6	65.1	0.9	0.0	0.0	0.0	548.5	550.2	546.2	520.3	.	.	.
Portugal	322	306	20.5	44.3	35.3	0.0	5.1	0.0	0.1	512.7	507.8	506.6	.	502.5	.	487.5
Qatar	227	225	32.8	29.6	31.2	6.4	0.0	0.0	0.6	438.0	452.3	424.3	411.5	.	.	427.1
Russian Federation	217	216	23.4	48.2	28.4	0.0	0.0	0.0	0.5	567.1	569.5	564.1	.	.	.	524.1
Saudi Arabia	189	188	8.5	21.2	47.1	23.3	0.5	0.0	0.0	396.6	394.3	392.4	381.2	351.8	.	.
Serbia	192	191	16.1	45.1	38.5	0.3	0.0	0.0	0.3	521.7	532.6	515.9	551.5	.	.	533.5
Singapore	358	351	14.3	34.3	48.1	3.2	1.5	0.0	0.7	610.3	612.1	576.4	490.6	598.2	.	534.6
Slovak Republic	328	324	6.1	17.5	65.9	10.4	1.1	0.0	0.3	549.8	522.0	522.7	487.0	549.3	.	408.3
Slovenia	256	242	8.4	42.9	46.1	2.6	5.4	0.0	0.2	549.2	543.5	541.9	542.0	533.3	.	505.9
Spain	393	375	16.0	28.1	51.3	4.6	4.1	0.0	0.3	518.4	521.0	515.8	523.6	519.3	.	556.9
Sweden	212	202	8.1	37.7	51.0	3.2	4.1	0.0	0.7	545.0	543.6	537.4	524.4	540.6	.	574.3
Turkey	251	250	10.4	12.2	56.8	20.7	0.0	0.0	0.4	501.0	486.3	485.5	466.8	.	.	492.9
United Arab Emirates	840	726	38.4	35.0	25.6	0.9	8.9	0.0	1.3	480.4	445.3	426.4	360.0	414.6	.	568.0
United States	492	434	34.3	44.1	21.2	0.4	12.7	0.0	0.5	553.4	544.5	537.4	525.7	547.0	.	510.7
International Avg (n=47)	13512	12750	17.0	32.0	44.9	6.2	4.3	0.0	0.6	512.0	508.1	503.9	485.6	501.0	.	498.7
Buenos Aires, Argentina	291	127	53.9	27.1	18.5	0.6	54.2	0.0	1.5	418.9	423.8	417.0	331.9	416.5	.	420.0
Ontario, Canada	275	247	18.2	45.9	35.0	0.9	7.2	0.0	3.2	528.8	528.9	534.6	519.1	516.1	.	551.4
Quebec, Canada	151	140	9.7	24.1	57.2	9.1	5.9	0.0	0.0	530.5	523.4	523.2	523.2	533.6	.	.
Norway (4)	223	189	7.6	26.0	62.0	4.4	12.4	0.0	0.4	498.6	498.0	491.2	485.9	491.7	.	466.7
Abu Dhabi, UAE	212	181	29.2	42.2	28.2	0.3	10.1	0.0	1.6	427.6	413.9	400.0	340.9	399.5	.	563.5
Dubai, UAE	290	249	59.2	31.8	9.0	0.0	8.1	0.0	1.9	531.0	507.9	516.1	.	442.3	.	633.0
Florida, US	120	93	45.4	37.2	17.4	0.0	20.6	0.0	0.9	563.3	548.6	522.8	.	542.1	.	499.0

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students  
Location: TQG-14e (ATBG14E)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	67.9	26.0	6.1	0.0	8.8	0.0	0.8	527.3	530.0	499.6	541.6	499.5	.	485.2
Bahrain	345	336	73.4	19.2	6.9	0.5	2.5	0.0	0.6	462.5	453.8	445.8	403.3	427.2	.	502.6
Belgium (Flemish)	295	291	6.5	24.8	65.4	3.4	1.2	0.0	0.0	514.2	511.6	511.4	511.1	500.5	.	.
Bulgaria	233	233	33.8	33.9	31.9	0.5	0.0	0.0	0.0	540.4	548.7	516.9	539.5	.	.	.
Canada	699	639	56.7	34.8	8.4	0.1	6.4	0.0	1.6	525.9	523.2	520.2	437.7	523.5	.	551.4
Chile	180	163	34.4	37.8	22.7	5.0	6.9	0.0	1.7	473.3	477.2	487.1	480.7	473.8	.	462.0
Chinese Taipei	178	178	31.1	36.7	32.1	0.0	0.0	0.0	0.0	557.5	557.3	550.8	.	.	.	.
Croatia	223	220	31.9	36.3	31.5	0.3	1.5	0.0	0.0	536.8	535.0	529.3	431.3	531.0	.	.
Cyprus	242	238	64.1	26.6	9.3	0.0	1.1	0.0	0.2	482.6	483.4	465.8	.	494.5	.	445.3
Czech Republic	265	263	26.1	29.2	42.2	2.5	0.8	0.0	0.0	537.4	535.5	531.6	534.8	542.1	.	.
Denmark	196	168	19.8	32.2	46.9	1.2	12.3	0.0	0.0	528.6	525.5	525.5	567.3	530.0	.	.
England	214	176	87.9	12.1	0.0	0.0	15.0	0.0	0.2	540.0	524.4	.	.	522.3	.	553.6
Finland	341	327	24.8	44.8	29.9	0.5	4.3	0.0	0.2	554.8	553.9	552.8	539.2	557.1	.	535.4
France	273	258	36.9	34.6	28.2	0.3	5.7	0.0	0.2	491.5	489.4	482.2	500.0	472.7	.	531.7
Georgia	188	186	25.8	47.2	27.1	0.0	0.7	0.0	0.4	447.9	455.4	447.5	.	438.4	.	451.7
Germany	226	200	18.7	41.2	39.2	0.9	10.8	0.0	0.1	526.8	530.7	525.7	512.5	534.0	.	458.0
Hong Kong SAR	148	145	25.9	47.0	27.0	0.0	1.1	0.0	0.3	558.4	554.3	558.9	.	549.3	.	558.8
Hungary	244	239	16.0	26.7	55.2	2.1	1.1	0.0	0.9	547.7	538.2	542.2	540.9	588.9	.	486.2
Indonesia	293	291	54.6	25.0	20.1	0.2	0.0	0.0	0.6	398.8	393.5	393.0	412.3	.	.	447.6
Iran, Islamic Rep. of	291	291	73.1	19.8	6.8	0.3	0.0	0.0	0.0	420.6	420.1	431.0	355.7	.	.	.
Ireland	214	213	58.0	32.4	9.3	0.2	0.0	0.0	0.3	529.3	528.1	529.3	539.5	.	.	509.0
Italy	257	243	56.1	26.5	16.6	0.8	3.9	0.0	1.0	517.5	518.4	511.6	488.8	517.3	.	506.1
Japan	157	154	13.0	33.5	50.1	3.4	0.3	0.0	1.2	565.6	572.6	568.1	564.2	545.1	.	564.8
Kazakhstan	239	234	59.3	19.2	20.8	0.7	0.5	0.0	1.8	556.7	530.0	553.5	564.9	529.8	.	480.0
Korea, Rep. of	182	181	18.9	41.2	36.1	3.8	0.6	0.0	0.0	590.0	589.3	589.6	582.6	594.1	.	.
Kuwait	294	279	60.2	22.9	16.6	0.3	7.9	0.0	0.3	352.3	318.4	315.0	357.4	322.9	.	365.2
Lithuania	291	285	61.3	23.9	14.7	0.0	1.1	0.0	0.0	530.0	517.7	537.2	.	492.7	.	374.7
Morocco	367	346	49.8	21.9	28.0	0.2	5.8	0.0	0.4	359.1	342.6	350.9	300.7	337.9	.	369.4
Netherlands	223	169	13.5	35.8	48.0	2.7	21.4	0.0	0.7	512.3	512.9	522.6	502.6	516.1	.	541.2
New Zealand	461	437	84.4	13.5	2.2	0.0	2.5	0.0	1.7	506.5	507.5	476.8	.	494.2	.	494.3
Northern Ireland	154	131	58.8	37.1	4.1	0.0	17.4	0.0	0.0	522.6	518.7	514.9	.	514.8	.	.
Norway	227	183	21.6	41.4	36.2	0.8	16.9	0.0	0.5	540.1	539.9	535.9	537.8	532.2	.	572.1
Oman	357	348	65.8	26.0	8.0	0.2	0.6	0.0	1.4	431.7	430.6	432.1	342.1	399.2	.	418.5
Poland	254	254	21.4	32.5	43.9	2.2	0.0	0.0	0.0	556.7	540.2	547.1	558.7	.	.	.
Portugal	322	307	38.3	33.9	27.6	0.2	5.1	0.0	0.0	508.6	504.8	512.3	513.6	502.5	.	477.6
Qatar	227	224	76.2	15.6	8.2	0.0	0.0	0.0	0.7	442.2	423.0	408.4	.	.	.	411.7
Russian Federation	217	216	48.2	28.7	23.1	0.0	0.0	0.0	0.5	567.5	570.2	563.8	.	.	.	524.1
Saudi Arabia	189	187	50.7	29.7	19.5	0.0	0.5	0.0	0.4	399.1	386.0	372.7	.	351.8	.	511.7
Serbia	192	191	62.7	22.2	15.1	0.0	0.0	0.0	0.3	527.1	530.2	505.1	.	.	.	533.5
Singapore	358	351	31.1	43.2	25.6	0.0	1.5	0.0	0.7	607.4	590.5	571.0	.	598.2	.	534.6
Slovak Republic	328	324	52.4	26.2	21.1	0.3	1.1	0.0	0.3	523.1	520.0	512.6	501.7	549.3	.	589.3
Slovenia	256	242	29.9	44.5	25.5	0.2	5.4	0.0	0.2	540.7	544.5	543.8	530.8	533.3	.	505.9
Spain	393	376	33.4	32.1	34.1	0.3	4.1	0.0	0.0	514.4	522.6	517.8	497.0	519.3	.	.
Sweden	212	202	36.2	42.6	20.5	0.7	4.1	0.0	0.7	546.7	536.7	535.6	517.3	540.6	.	574.3
Turkey	251	250	25.2	24.1	46.4	4.4	0.0	0.0	0.4	486.5	488.0	484.8	424.7	.	.	492.9
United Arab Emirates	840	727	66.5	26.0	7.2	0.4	8.9	0.0	1.4	468.0	423.9	424.3	396.4	414.6	.	558.0
United States	492	434	75.5	20.1	4.4	0.1	12.7	0.0	0.5	547.2	539.5	553.7	578.6	547.0	.	510.7
International Avg (n=47)	13512	12762	44.2	30.5	24.5	0.8	4.3	0.0	0.5	509.0	504.0	500.2	488.4	501.0	.	496.9
Buenos Aires, Argentina	291	128	69.2	25.4	5.4	0.0	54.2	0.0	1.1	422.7	412.8	412.1	.	416.5	.	411.4
Ontario, Canada	275	247	62.2	33.0	4.7	0.2	7.2	0.0	3.2	528.6	534.1	539.3	437.7	516.1	.	551.4
Quebec, Canada	151	140	35.4	44.6	20.0	0.0	5.9	0.0	0.0	522.1	528.7	516.5	.	533.6	.	.
Norway (4)	223	189	21.1	39.9	36.2	2.8	12.4	0.0	0.4	507.5	489.4	489.6	488.5	491.7	.	466.7
Abu Dhabi, UAE	212	180	60.8	34.6	4.6	0.1	10.1	0.0	2.5	424.9	399.5	356.2	406.1	399.5	.	537.6
Dubai, UAE	290	250	85.5	13.9	0.6	0.0	8.1	0.0	1.5	528.9	486.7	434.7	.	442.3	.	651.2
Florida, US	120	93	80.0	17.6	2.5	0.0	20.6	0.0	0.9	554.9	527.0	586.4	.	542.1	.	499.0

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge  
 Location: TQG-14f (ATBG14F)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	77.1	20.7	2.3	0.0	8.8	0.0	0.8	525.5	529.7	520.8	.	499.5	.	485.2
Bahrain	345	336	82.1	17.0	0.9	0.0	2.5	0.0	0.6	462.1	450.7	375.5	.	427.2	.	502.6
Belgium (Flemish)	295	291	54.3	36.8	8.9	0.0	1.2	0.0	0.0	512.7	509.9	512.1	.	500.5	.	.
Bulgaria	233	233	89.6	8.6	1.8	0.0	0.0	0.0	0.0	538.8	512.2	496.7	.	.	.	.
Canada	699	638	73.3	24.4	2.3	0.0	6.4	0.0	1.7	523.7	525.0	541.1	.	523.5	.	547.4
Chile	180	162	72.4	25.2	2.4	0.0	6.9	0.0	2.4	476.0	483.3	486.6	.	473.8	.	475.2
Chinese Taipei	178	178	43.3	40.8	16.0	0.0	0.0	0.0	0.0	557.0	556.0	548.9	.	.	.	.
Croatia	223	220	89.6	8.7	1.7	0.0	1.5	0.0	0.0	533.8	534.0	515.9	.	531.0	.	.
Cyprus	242	238	86.7	9.6	3.6	0.0	1.1	0.0	0.2	481.4	482.7	474.1	.	494.5	.	445.3
Czech Republic	265	263	78.2	19.6	2.2	0.0	0.8	0.0	0.0	534.3	537.7	506.1	.	542.1	.	.
Denmark	196	166	43.2	47.3	9.5	0.0	12.3	0.0	0.9	526.5	525.3	534.2	.	530.0	.	521.7
England	214	176	80.5	18.5	1.0	0.0	15.0	0.0	0.2	539.4	533.2	531.8	.	522.3	.	553.6
Finland	341	325	55.2	38.0	6.8	0.0	4.3	0.0	0.5	553.6	553.1	557.5	.	557.1	.	547.6
France	273	259	68.6	23.5	7.9	0.0	5.7	0.0	0.1	490.3	487.0	473.1	.	472.7	.	588.3
Georgia	188	185	90.1	7.0	2.9	0.0	0.7	0.0	0.9	452.1	447.4	439.6	.	438.4	.	444.1
Germany	226	201	67.3	30.2	2.4	0.0	10.8	0.0	0.0	530.0	523.0	525.1	.	534.0	.	.
Hong Kong SAR	148	145	40.0	49.0	11.0	0.0	1.1	0.0	0.3	561.7	552.0	558.5	.	549.3	.	558.8
Hungary	244	238	86.1	13.9	0.0	0.0	1.1	0.0	1.3	541.4	545.2	.	.	588.9	.	510.4
Indonesia	293	293	70.8	16.3	12.9	0.0	0.0	0.0	0.0	401.6	395.3	371.2	.	.	.	.
Iran, Islamic Rep. of	291	291	66.1	25.4	8.3	0.2	0.0	0.0	0.0	422.1	427.2	396.9	297.1	.	.	.
Ireland	214	213	76.7	18.9	4.4	0.0	0.0	0.0	0.3	530.1	528.3	511.4	.	.	.	509.0
Italy	257	245	80.4	12.9	6.7	0.0	3.9	0.0	0.3	516.5	516.0	514.1	.	517.3	.	564.7
Japan	157	155	26.4	51.3	22.3	0.0	0.3	0.0	0.7	570.7	568.2	568.9	.	545.1	.	581.1
Kazakhstan	239	235	92.0	6.4	1.5	0.0	0.5	0.0	2.0	551.6	548.3	519.4	.	529.8	.	489.0
Korea, Rep. of	182	181	48.0	38.2	13.8	0.1	0.6	0.0	0.0	588.5	590.7	588.7	441.8	594.1	.	.
Kuwait	294	278	74.8	18.9	5.6	0.7	7.9	0.0	0.7	339.7	333.1	338.8	330.8	322.9	.	354.8
Lithuania	291	285	89.5	8.7	1.7	0.0	1.1	0.0	0.0	528.9	519.7	530.3	.	492.7	.	374.7
Morocco	367	345	80.8	12.5	6.7	0.0	5.8	0.0	0.5	353.9	349.2	353.8	.	337.9	.	309.0
Netherlands	223	170	74.2	23.7	2.0	0.0	21.4	0.0	0.2	520.3	507.3	528.1	.	516.1	.	514.2
New Zealand	461	437	76.6	21.4	2.0	0.0	2.5	0.0	1.7	506.8	506.3	471.9	.	494.2	.	494.3
Northern Ireland	154	131	85.9	12.9	1.2	0.0	17.4	0.0	0.0	521.6	515.0	527.3	.	514.8	.	.
Norway	227	183	50.6	35.3	14.1	0.0	16.9	0.0	0.5	538.9	539.0	535.6	.	532.2	.	572.1
Oman	357	348	83.1	13.1	3.4	0.4	0.6	0.0	1.3	434.7	416.2	416.3	396.0	399.2	.	404.6
Poland	254	253	80.1	16.8	3.1	0.0	0.0	0.0	0.3	549.2	543.3	512.0	.	.	.	587.9
Portugal	322	305	79.2	15.5	5.2	0.0	5.1	0.0	0.5	509.6	504.8	501.5	.	502.5	.	488.8
Qatar	227	225	88.8	8.9	2.3	0.0	0.0	0.0	0.6	437.5	430.3	412.4	.	.	.	427.1
Russian Federation	217	216	85.7	10.2	4.1	0.0	0.0	0.0	0.5	569.0	558.9	555.5	.	.	.	524.1
Saudi Arabia	189	188	66.6	22.4	11.0	0.0	0.5	0.0	0.0	403.6	372.4	347.9	.	351.8	.	.
Serbia	192	191	91.1	6.9	2.1	0.0	0.0	0.0	0.3	527.1	493.4	511.5	.	.	.	533.5
Singapore	358	351	55.1	35.1	9.8	0.0	1.5	0.0	0.7	595.3	583.3	591.6	.	598.2	.	534.6
Slovak Republic	328	325	81.1	16.2	2.7	0.0	1.1	0.0	0.0	522.0	512.2	512.4	.	549.3	.	.
Slovenia	256	242	80.5	18.8	0.7	0.0	5.4	0.0	0.2	543.9	540.2	537.2	.	533.3	.	505.9
Spain	393	375	78.7	17.9	3.2	0.2	4.1	0.0	0.1	517.6	520.2	520.8	499.3	519.3	.	547.7
Sweden	212	200	47.3	40.4	12.3	0.0	4.1	0.0	1.2	540.4	540.1	536.2	.	540.6	.	572.4
Turkey	251	250	67.4	18.3	13.8	0.6	0.0	0.0	0.4	490.4	469.5	474.1	322.3	.	.	492.9
United Arab Emirates	840	728	81.3	15.4	3.2	0.0	8.9	0.0	1.2	459.7	427.0	423.6	406.1	414.6	.	559.4
United States	492	434	84.8	13.6	1.6	0.0	12.7	0.0	0.5	547.3	538.2	540.3	.	547.0	.	510.7
International Avg (n=47)	13512	12759	72.8	21.5	5.7	0.0	4.3	0.0	0.5	508.1	501.7	494.5	384.8	501.0	.	503.8
Buenos Aires, Argentina	291	127	92.2	7.3	0.5	0.0	54.2	0.0	1.3	419.6	421.5	369.3	.	416.5	.	417.5
Ontario, Canada	275	246	68.5	28.5	3.0	0.0	7.2	0.0	3.5	529.1	533.6	544.8	.	516.1	.	547.4
Quebec, Canada	151	140	72.9	24.8	2.3	0.0	5.9	0.0	0.0	525.3	517.2	552.4	.	533.6	.	.
Norway (4)	223	189	45.7	41.3	13.0	0.0	12.4	0.0	0.4	496.0	493.1	484.3	.	491.7	.	466.7
Abu Dhabi, UAE	212	181	79.1	19.2	1.6	0.1	10.1	0.0	1.6	420.9	395.1	282.2	406.1	399.5	.	563.5
Dubai, UAE	290	251	89.2	10.8	0.0	0.0	8.1	0.0	1.4	525.6	496.6	.	.	442.3	.	660.6
Florida, US	120	93	88.0	11.0	1.0	0.0	20.6	0.0	0.9	552.8	534.6	548.4	.	542.1	.	499.0



Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures  
 Location: TQG-14g (ATBG14G)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	27.1	48.0	24.9	0.0	8.8	0.0	0.8	533.5	525.4	520.3	381.8	499.5	.	485.2
Bahrain	345	336	31.5	40.0	26.5	2.0	2.5	0.0	0.6	460.0	465.2	453.2	411.3	427.2	.	502.6
Belgium (Flemish)	295	291	33.9	44.6	21.5	0.0	1.2	0.0	0.0	509.2	512.1	514.6	.	500.5	.	.
Bulgaria	233	233	34.8	43.7	21.5	0.0	0.0	0.0	0.0	529.8	547.1	522.0	.	.	.	.
Canada	699	637	39.9	41.4	16.8	1.9	6.4	0.0	1.8	518.8	529.1	526.9	520.7	523.5	.	547.6
Chile	180	163	42.2	39.3	15.6	3.0	6.9	0.0	1.7	483.0	474.5	477.2	467.1	473.8	.	462.0
Chinese Taipei	178	178	17.5	38.5	42.7	1.3	0.0	0.0	0.0	550.4	558.3	553.9	578.6	.	.	.
Croatia	223	220	28.2	39.1	32.7	0.0	1.5	0.0	0.0	536.8	533.0	531.2	.	531.0	.	.
Cyprus	242	238	56.8	33.6	9.6	0.0	1.1	0.0	0.2	484.4	475.2	484.0	.	494.5	.	445.3
Czech Republic	265	263	29.7	39.5	30.5	0.3	0.8	0.0	0.0	537.7	534.0	531.5	522.3	542.1	.	.
Denmark	196	167	22.8	42.1	34.5	0.6	12.3	0.0	0.4	528.7	526.5	524.7	562.0	530.0	.	531.5
England	214	176	35.0	46.8	17.8	0.4	15.0	0.0	0.2	538.5	538.4	537.1	526.0	522.3	.	553.6
Finland	341	327	15.6	40.4	43.1	0.9	4.3	0.0	0.2	559.6	552.8	552.2	564.2	557.1	.	535.4
France	273	255	40.7	35.5	23.6	0.2	5.7	0.0	1.2	489.0	488.2	486.7	446.8	472.7	.	502.2
Georgia	188	186	70.2	21.2	8.6	0.0	0.7	0.0	0.4	450.9	449.6	458.9	.	438.4	.	451.7
Germany	226	200	25.1	51.4	23.4	0.0	10.8	0.0	0.5	524.1	533.6	519.6	.	534.0	.	498.4
Hong Kong SAR	148	145	15.3	45.5	37.6	1.6	1.1	0.0	0.3	555.8	551.4	563.1	562.3	549.3	.	558.8
Hungary	244	239	27.4	32.0	40.0	0.6	1.1	0.0	0.9	549.5	548.0	532.2	529.5	588.9	.	486.2
Indonesia	293	293	42.6	26.9	28.0	2.5	0.0	0.0	0.0	403.0	407.1	382.0	340.8	.	.	.
Iran, Islamic Rep. of	291	288	48.3	39.1	12.1	0.6	0.0	0.0	1.0	420.8	418.6	429.4	436.4	.	.	415.6
Ireland	214	213	24.6	40.2	34.6	0.7	0.0	0.0	0.3	527.1	526.0	533.4	540.5	.	.	509.0
Italy	257	242	45.6	27.9	26.5	0.0	3.9	0.0	1.0	515.7	521.4	511.7	.	517.3	.	534.3
Japan	157	154	20.2	40.4	35.7	3.6	0.3	0.0	1.4	572.3	568.9	568.4	562.7	545.1	.	563.4
Kazakhstan	239	236	80.5	13.5	6.0	0.0	0.5	0.0	1.1	549.9	559.3	539.3	.	529.8	.	470.6
Korea, Rep. of	182	181	29.6	42.4	26.1	1.9	0.6	0.0	0.0	586.6	594.6	584.0	584.8	594.1	.	.
Kuwait	294	278	32.6	35.2	31.6	0.7	7.9	0.0	0.9	352.9	321.2	340.3	330.8	322.9	.	420.4
Lithuania	291	285	29.9	40.8	29.3	0.0	1.1	0.0	0.0	533.6	534.1	514.2	.	492.7	.	374.7
Morocco	367	346	36.0	24.9	37.8	1.3	5.8	0.0	0.2	366.6	333.2	352.8	388.7	337.9	.	208.6
Netherlands	223	169	38.3	49.3	12.4	0.0	21.4	0.0	0.7	514.0	521.2	513.7	.	516.1	.	504.2
New Zealand	461	436	36.2	48.0	15.3	0.5	2.5	0.0	1.9	504.4	508.7	501.7	508.9	494.2	.	493.1
Northern Ireland	154	131	36.7	47.5	15.8	0.0	17.4	0.0	0.0	520.8	523.3	513.2	.	514.8	.	.
Norway	227	183	13.1	34.6	46.5	5.8	16.9	0.0	0.5	536.8	536.6	540.8	534.8	532.2	.	572.1
Oman	357	349	45.4	35.8	18.7	0.1	0.6	0.0	1.1	434.3	425.2	436.3	411.9	399.2	.	407.3
Poland	254	253	21.1	37.3	39.6	2.0	0.0	0.0	0.3	545.7	547.1	548.3	541.7	.	.	544.5
Portugal	322	307	62.5	25.3	12.2	0.0	5.1	0.0	0.0	511.4	504.6	500.5	.	502.5	.	477.6
Qatar	227	225	40.5	38.8	18.3	2.3	0.0	0.0	0.6	450.1	424.0	434.4	416.8	.	.	427.1
Russian Federation	217	216	65.9	24.2	9.9	0.0	0.0	0.0	0.5	568.4	565.9	564.3	.	.	.	524.1
Saudi Arabia	189	188	24.2	35.8	37.1	2.9	0.5	0.0	0.0	401.8	401.3	377.8	326.7	351.8	.	.
Serbia	192	191	70.7	23.9	5.4	0.0	0.0	0.0	0.3	529.0	513.4	513.9	.	.	.	533.5
Singapore	358	351	16.3	35.7	43.6	4.3	1.5	0.0	0.7	600.2	601.6	582.8	545.5	598.2	.	534.6
Slovak Republic	328	325	39.3	32.9	27.8	0.0	1.1	0.0	0.0	521.5	526.8	510.5	.	549.3	.	.
Slovenia	256	242	23.5	46.3	29.8	0.4	5.4	0.0	0.2	549.8	542.3	539.8	506.8	533.3	.	505.9
Spain	393	374	44.4	36.2	19.2	0.2	4.1	0.0	0.5	518.3	520.3	513.4	542.1	519.3	.	515.3
Sweden	212	202	23.0	42.0	35.1	0.0	4.1	0.0	0.7	547.2	538.3	537.1	.	540.6	.	574.3
Turkey	251	250	60.6	21.5	16.7	1.2	0.0	0.0	0.4	492.5	475.6	466.6	395.3	.	.	492.9
United Arab Emirates	840	727	38.6	34.1	24.8	2.5	8.9	0.0	1.9	474.5	442.3	433.3	451.8	414.6	.	551.1
United States	492	434	47.2	41.0	11.4	0.4	12.7	0.0	0.5	542.7	548.4	549.7	577.6	547.0	.	510.7
International Avg (n=47)	13512	12755	36.8	37.1	25.1	1.0	4.3	0.0	0.6	509.2	506.3	502.6	484.4	501.0	.	492.6
Buenos Aires, Argentina	291	126	81.4	12.0	6.7	0.0	54.2	0.0	1.8	421.7	423.0	394.4	.	416.5	.	404.6
Ontario, Canada	275	246	40.7	44.3	15.0	0.0	7.2	0.0	3.6	528.5	534.8	525.0	.	516.1	.	548.3
Quebec, Canada	151	140	32.4	37.7	23.4	6.5	5.9	0.0	0.0	519.1	524.4	531.3	518.7	533.6	.	.
Norway (4)	223	188	12.3	33.9	51.8	2.0	12.4	0.0	0.5	502.1	496.4	489.4	483.8	491.7	.	480.6
Abu Dhabi, UAE	212	180	31.9	38.7	28.0	1.3	10.1	0.0	2.3	419.3	411.2	414.9	314.4	399.5	.	527.6
Dubai, UAE	290	251	55.6	33.6	10.9	0.0	8.1	0.0	1.4	535.3	514.6	481.5	.	442.3	.	660.6
Florida, US	120	93	59.8	30.1	10.1	0.0	20.6	0.0	0.9	552.5	554.6	529.3	.	542.1	.	499.0

Question: How often do you do the following in teaching this class? Encourage students to express their ideas in class  
 Location: TQG-14h (ATBG14H)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	431	81.0	17.2	1.8	0.0	8.8	0.0	0.9	527.1	524.8	505.7	.	499.5	.	490.5
Bahrain	345	335	78.4	15.3	6.3	0.0	2.5	0.0	0.8	459.8	467.5	433.9	.	427.2	.	492.2
Belgium (Flemish)	295	290	40.2	38.8	21.0	0.0	1.2	0.0	0.2	510.9	513.4	510.0	.	500.5	.	481.5
Bulgaria	233	233	66.7	22.0	11.3	0.0	0.0	0.0	0.0	531.8	545.6	539.3	.	.	.	.
Canada	699	637	83.8	14.5	1.7	0.0	6.4	0.0	1.8	524.3	524.1	530.7	.	523.5	.	547.6
Chile	180	163	85.5	11.8	2.7	0.0	6.9	0.0	1.7	480.7	465.4	459.6	.	473.8	.	462.0
Chinese Taipei	178	177	60.2	32.6	7.1	0.0	0.0	0.0	0.6	555.7	557.0	544.8	.	.	.	548.2
Croatia	223	220	71.0	19.2	9.8	0.0	1.5	0.0	0.0	534.8	533.0	524.7	.	531.0	.	.
Cyprus	242	238	87.8	10.3	1.9	0.0	1.1	0.0	0.2	481.9	478.3	466.9	.	494.5	.	445.3
Czech Republic	265	263	64.7	26.1	9.3	0.0	0.8	0.0	0.0	535.4	532.6	531.5	.	542.1	.	.
Denmark	196	168	35.5	38.7	24.3	1.5	12.3	0.0	0.0	525.3	529.8	522.7	539.0	530.0	.	.
England	214	176	87.1	12.9	0.0	0.0	15.0	0.0	0.2	537.2	544.8	.	.	522.3	.	553.6
Finland	341	327	53.3	31.9	14.6	0.3	4.3	0.0	0.2	554.5	554.2	550.5	520.5	557.1	.	535.4
France	273	258	70.0	22.8	7.2	0.0	5.7	0.0	0.4	486.9	489.8	496.0	.	472.7	.	508.5
Georgia	188	186	88.4	6.5	5.1	0.0	0.7	0.0	0.4	451.7	450.2	447.0	.	438.4	.	451.7
Germany	226	201	74.5	21.0	4.6	0.0	10.8	0.0	0.0	528.1	522.9	545.2	.	534.0	.	.
Hong Kong SAR	148	145	46.3	42.7	11.0	0.0	1.1	0.0	0.3	558.4	549.5	576.5	.	549.3	.	558.8
Hungary	244	239	66.2	26.2	7.7	0.0	1.1	0.0	0.9	547.5	541.5	496.0	.	588.9	.	486.2
Indonesia	293	291	57.9	23.6	18.2	0.3	0.0	0.0	0.5	396.5	406.7	384.5	298.1	.	.	445.2
Iran, Islamic Rep. of	291	291	80.9	16.2	2.9	0.0	0.0	0.0	0.0	421.1	420.4	422.3	.	.	.	.
Ireland	214	213	66.7	25.9	7.3	0.0	0.0	0.0	0.3	527.4	536.3	517.2	.	.	.	509.0
Italy	257	245	78.6	15.1	6.3	0.0	3.9	0.0	0.3	516.9	516.5	508.0	.	517.3	.	564.7
Japan	157	154	59.6	32.1	8.3	0.0	0.3	0.0	1.4	571.9	565.2	565.3	.	545.1	.	563.4
Kazakhstan	239	235	88.2	6.6	5.2	0.0	0.5	0.0	1.6	553.2	544.3	511.3	.	529.8	.	505.2
Korea, Rep. of	182	181	75.3	20.7	4.0	0.0	0.6	0.0	0.0	590.0	586.9	587.6	.	594.1	.	.
Kuwait	294	279	67.3	24.1	8.4	0.3	7.9	0.0	0.3	347.9	321.2	310.0	357.4	322.9	.	365.2
Lithuania	291	285	88.0	10.7	1.2	0.1	1.1	0.0	0.0	529.5	525.1	455.6	501.6	492.7	.	374.7
Morocco	367	347	79.3	12.5	8.2	0.0	5.8	0.0	0.0	355.8	323.8	371.5	327.2	337.9	.	356.3
Netherlands	223	168	40.2	39.1	20.6	0.0	21.4	0.0	1.5	516.5	521.3	512.1	.	516.1	.	512.9
New Zealand	461	436	86.0	13.8	0.2	0.0	2.5	0.0	1.9	506.5	503.2	497.1	.	494.2	.	494.0
Northern Ireland	154	131	80.9	18.5	0.7	0.0	17.4	0.0	0.0	524.4	504.6	534.4	.	514.8	.	.
Norway	227	182	41.5	38.0	20.5	0.0	16.9	0.0	0.9	538.1	539.2	537.9	.	532.2	.	559.4
Oman	357	349	77.9	16.6	5.5	0.0	0.6	0.0	1.1	432.9	427.6	422.4	.	399.2	.	407.3
Poland	254	253	35.7	37.2	27.2	0.0	0.0	0.0	0.3	549.3	548.2	542.7	.	.	.	569.8
Portugal	322	307	82.3	14.3	3.4	0.0	5.1	0.0	0.0	508.2	510.4	502.7	.	502.5	.	477.6
Qatar	227	225	86.9	10.4	2.7	0.0	0.0	0.0	0.6	442.9	395.2	381.8	.	.	.	427.1
Russian Federation	217	216	83.4	11.4	5.2	0.0	0.0	0.0	0.5	569.2	553.8	568.2	.	.	.	524.1
Saudi Arabia	189	188	58.8	30.7	10.5	0.0	0.5	0.0	0.0	400.3	374.4	383.0	.	351.8	.	.
Serbia	192	191	74.9	21.3	3.8	0.0	0.0	0.0	0.3	524.9	523.3	522.3	.	.	.	533.5
Singapore	358	351	51.5	35.1	13.1	0.2	1.5	0.0	0.7	596.3	589.7	573.6	496.0	598.2	.	534.6
Slovak Republic	328	325	73.8	15.0	11.2	0.0	1.1	0.0	0.0	523.7	504.3	518.3	.	549.3	.	.
Slovenia	256	242	55.5	35.9	8.6	0.0	5.4	0.0	0.2	544.0	543.2	538.3	.	533.3	.	505.9
Spain	393	375	80.6	13.0	6.4	0.0	4.1	0.0	0.4	517.5	522.2	518.9	.	519.3	.	513.4
Sweden	212	202	59.0	27.5	12.7	0.8	4.1	0.0	0.7	541.1	541.0	531.4	553.9	540.6	.	574.3
Turkey	251	247	86.4	8.8	4.8	0.0	0.0	0.0	1.7	486.8	473.1	430.3	.	.	.	510.3
United Arab Emirates	840	727	78.1	16.9	4.9	0.1	8.9	0.0	1.5	461.0	422.0	433.7	427.8	414.6	.	556.7
United States	492	433	84.4	13.8	1.8	0.0	12.7	0.0	0.9	547.9	530.1	561.9	.	547.0	.	548.2
International Avg (n=47)	13512	12756	70.2	21.6	8.1	0.1	4.3	0.0	0.6	508.0	502.1	496.2	446.8	501.0	.	499.8
Buenos Aires, Argentina	291	127	90.4	6.0	3.6	0.0	54.2	0.0	1.6	423.5	380.5	390.9	.	416.5	.	410.7
Ontario, Canada	275	246	84.8	14.1	1.1	0.0	7.2	0.0	3.6	530.5	534.1	512.9	.	516.1	.	548.3
Quebec, Canada	151	140	71.5	24.4	4.2	0.0	5.9	0.0	0.0	524.7	519.2	538.7	.	533.6	.	.
Norway (4)	223	189	38.8	38.1	23.0	0.0	12.4	0.0	0.4	493.8	493.5	492.1	.	491.7	.	466.7
Abu Dhabi, UAE	212	180	68.5	27.9	3.5	0.1	10.1	0.0	2.3	418.5	405.1	383.9	406.1	399.5	.	527.6
Dubai, UAE	290	250	88.9	9.1	2.1	0.0	8.1	0.0	2.1	525.8	501.9	449.8	.	442.3	.	632.1
Florida, US	120	93	86.6	11.0	2.5	0.0	20.6	0.0	0.9	552.0	533.4	586.4	.	542.1	.	499.0

Question: In your view, to what extent do the following limit how you teach this class? Students lacking prerequisite knowledge or skills  
 Location: TQG-15a (ATBG15A)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	432	17.1	67.5	15.4	8.8	0.0	0.8	545.1	527.6	499.4	499.5	.	485.2
Bahrain	345	333	22.3	62.1	15.6	2.5	0.0	1.1	460.9	464.0	438.1	427.2	.	486.1
Belgium (Flemish)	295	289	23.3	65.5	11.2	1.2	0.0	0.4	525.9	512.6	475.7	500.5	.	531.9
Bulgaria	233	231	14.0	77.7	8.3	0.0	0.0	0.6	571.5	532.4	502.6	.	.	577.5
Canada	699	637	15.2	64.5	20.3	6.4	0.0	2.1	539.3	527.8	503.9	523.5	.	532.6
Chile	180	162	7.3	55.1	37.7	6.9	0.0	2.5	498.4	488.4	459.7	473.8	.	465.8
Chinese Taipei	178	178	26.8	64.7	8.5	0.0	0.0	0.0	556.8	556.5	541.1	.	.	.
Croatia	223	219	18.0	70.2	11.8	1.5	0.0	0.3	538.7	534.0	523.0	531.0	.	515.7
Cyprus	242	238	5.6	35.2	59.2	1.1	0.0	0.2	485.5	482.0	480.4	494.5	.	445.3
Czech Republic	265	263	24.2	72.3	3.5	0.8	0.0	0.0	548.0	530.6	516.8	542.1	.	.
Denmark	196	166	18.8	67.0	14.2	12.3	0.0	1.0	538.9	524.5	516.1	530.0	.	574.3
England	214	176	21.3	61.8	16.9	15.0	0.0	0.2	562.5	535.5	517.0	522.3	.	553.6
Finland	341	327	25.3	69.4	5.3	4.3	0.0	0.3	567.9	552.1	514.3	557.1	.	414.4
France	273	257	9.1	53.0	37.9	5.7	0.0	0.7	509.5	498.2	468.3	472.7	.	538.9
Georgia	188	184	28.0	69.4	2.6	0.7	0.0	1.1	469.8	445.3	413.8	438.4	.	450.5
Germany	226	197	12.2	65.4	22.4	10.8	0.0	1.4	546.5	533.9	500.0	534.0	.	523.1
Hong Kong SAR	148	144	21.6	69.6	8.7	1.1	0.0	1.0	579.9	553.8	523.0	549.3	.	538.4
Hungary	244	237	25.2	65.8	8.9	1.1	0.0	1.6	567.1	536.1	514.1	588.9	.	513.0
Indonesia	293	291	9.6	82.1	8.3	0.0	0.0	0.4	397.9	399.1	369.3	.	.	438.7
Iran, Islamic Rep. of	291	291	5.7	56.3	38.0	0.0	0.0	0.0	425.8	434.0	401.0	.	.	.
Ireland	214	213	25.3	64.6	10.0	0.0	0.0	0.3	548.3	525.9	498.6	.	.	545.0
Italy	257	243	19.9	58.0	22.1	3.9	0.0	1.3	516.3	520.4	505.5	517.3	.	526.6
Japan	157	155	29.5	62.0	8.5	0.3	0.0	0.7	572.9	568.9	556.6	545.1	.	581.1
Kazakhstan	239	230	22.4	62.3	15.4	0.5	0.0	5.4	565.7	546.8	540.8	529.8	.	542.2
Korea, Rep. of	182	181	35.0	59.3	5.7	0.6	0.0	0.0	593.1	587.9	579.9	594.1	.	.
Kuwait	294	276	21.1	70.7	8.3	7.9	0.0	0.8	337.0	339.8	330.1	322.9	.	341.0
Lithuania	291	285	6.7	72.6	20.6	1.1	0.0	0.0	537.6	530.7	516.0	492.7	.	374.7
Morocco	367	344	4.3	62.8	32.9	5.8	0.0	1.2	409.6	360.3	331.5	337.9	.	364.0
Netherlands	223	171	19.1	73.4	7.4	21.4	0.0	0.0	529.0	518.0	482.2	516.1	.	.
New Zealand	461	438	15.7	70.9	13.5	2.5	0.0	1.5	531.8	505.5	478.5	494.2	.	495.8
Northern Ireland	154	130	21.3	66.7	11.9	17.4	0.0	0.5	538.8	518.5	503.6	514.8	.	483.9
Norway	227	183	32.4	57.5	10.1	16.9	0.0	0.5	547.4	535.6	526.2	532.2	.	572.1
Oman	357	347	18.7	56.6	24.6	0.6	0.0	1.6	439.8	430.0	428.4	399.2	.	412.1
Poland	254	246	34.3	60.0	5.7	0.0	0.0	3.0	554.2	545.5	525.5	.	.	542.0
Portugal	322	303	5.3	59.0	35.7	5.1	0.0	2.1	499.7	512.0	502.9	502.5	.	520.3
Qatar	227	222	18.5	69.0	12.4	0.0	0.0	2.8	445.8	439.1	417.8	.	.	386.4
Russian Federation	217	216	10.2	61.5	28.4	0.0	0.0	0.2	582.5	568.8	558.0	.	.	592.0
Saudi Arabia	189	188	16.3	65.2	18.5	0.5	0.0	0.0	408.1	391.7	370.9	351.8	.	.
Serbia	192	191	19.3	69.2	11.5	0.0	0.0	0.3	540.9	521.4	515.4	.	.	533.5
Singapore	358	351	24.0	63.1	12.9	1.5	0.0	0.7	633.8	589.4	517.2	598.2	.	534.6
Slovak Republic	328	324	26.3	58.0	15.7	1.1	0.0	0.2	548.0	514.3	494.9	549.3	.	544.6
Slovenia	256	242	12.3	68.3	19.5	5.4	0.0	0.2	553.4	542.8	538.2	533.3	.	505.9
Spain	393	373	21.4	59.2	19.3	4.1	0.0	0.4	533.9	520.8	491.8	519.3	.	550.0
Sweden	212	198	21.6	63.1	15.3	4.1	0.0	1.8	561.4	536.6	523.3	540.6	.	552.4
Turkey	251	249	2.4	63.1	34.4	0.0	0.0	0.6	453.4	495.1	464.5	.	.	457.6
United Arab Emirates	840	717	18.0	69.1	12.9	8.9	0.0	2.1	503.0	453.9	387.7	414.6	.	478.5
United States	492	434	12.9	61.8	25.3	12.7	0.0	0.6	580.1	550.5	516.6	547.0	.	553.0
International Avg (n=47)	13512	12702	18.4	64.3	17.3	4.3	0.0	1.0	521.3	507.2	484.7	501.0	.	501.8
Buenos Aires, Argentina	291	128	20.9	58.4	20.7	54.2	0.0	1.1	433.5	417.7	410.8	416.5	.	411.4
Ontario, Canada	275	247	13.7	64.9	21.4	7.2	0.0	3.3	541.2	532.5	520.3	516.1	.	541.8
Quebec, Canada	151	139	21.3	61.1	17.6	5.9	0.0	1.3	539.8	523.7	507.7	533.6	.	496.2
Norway (4)	223	190	22.1	69.2	8.7	12.4	0.0	0.0	501.8	493.9	465.9	491.7	.	.
Abu Dhabi, UAE	212	179	13.4	66.7	19.9	10.1	0.0	2.3	516.2	416.5	344.3	399.5	.	449.8
Dubai, UAE	290	249	22.5	69.2	8.3	8.1	0.0	2.4	543.2	518.8	489.9	442.3	.	625.9
Florida, US	120	92	4.8	58.0	37.2	20.6	0.0	1.6	617.8	558.4	529.7	542.1	.	536.7

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-15b (ATBG15B)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	432	67.7	30.3	1.9	8.8	0.0	0.8	537.7	502.1	506.7	499.5	.	485.2
Bahrain	345	334	44.8	49.4	5.8	2.5	0.0	1.0	461.6	457.9	452.2	427.2	.	492.1
Belgium (Flemish)	295	289	87.2	11.6	1.2	1.2	0.0	0.4	514.0	497.4	468.4	500.5	.	531.9
Bulgaria	233	230	87.1	11.2	1.7	0.0	0.0	0.7	537.8	512.9	560.4	.	.	583.1
Canada	699	637	62.5	33.1	4.5	6.4	0.0	1.7	533.8	516.2	458.0	523.4	.	540.1
Chile	180	161	42.7	40.7	16.7	6.9	0.0	3.3	498.9	466.0	455.0	473.8	.	473.1
Chinese Taipei	178	178	68.5	30.8	0.7	0.0	0.0	0.0	555.5	554.9	550.9	.	.	.
Croatia	223	219	73.7	23.6	2.6	1.5	0.0	0.3	535.7	528.4	519.3	531.0	.	515.7
Cyprus	242	235	71.9	23.4	4.6	1.1	0.0	1.6	481.5	477.9	476.1	494.5	.	523.5
Czech Republic	265	263	98.2	1.6	0.3	0.8	0.0	0.0	534.2	544.7	518.9	542.1	.	.
Denmark	196	165	74.6	23.4	2.0	12.3	0.0	1.5	530.0	517.2	485.8	530.0	.	554.0
England	214	176	62.8	35.1	2.1	15.0	0.0	0.2	544.6	528.2	512.5	522.3	.	553.6
Finland	341	327	90.6	9.4	0.0	4.3	0.0	0.3	554.5	549.3	.	557.1	.	414.4
France	273	256	83.7	13.9	2.4	5.7	0.0	1.8	490.5	471.0	504.8	472.7	.	495.6
Georgia	188	185	45.8	45.6	8.7	0.7	0.0	0.5	463.1	447.4	409.7	438.4	.	459.9
Germany	226	201	84.0	14.8	1.2	10.8	0.0	0.0	531.8	510.3	459.4	534.0	.	.
Hong Kong SAR	148	145	87.4	11.9	0.6	1.1	0.0	0.3	557.6	554.0	476.0	549.3	.	558.8
Hungary	244	237	65.6	31.2	3.2	1.1	0.0	1.6	555.0	521.2	476.2	588.9	.	513.0
Indonesia	293	291	62.4	33.5	4.1	0.0	0.0	0.4	411.0	377.3	333.9	.	.	438.7
Iran, Islamic Rep. of	291	291	23.0	56.4	20.6	0.0	0.0	0.0	461.9	415.2	391.2	.	.	.
Ireland	214	214	75.0	23.4	1.5	0.0	0.0	0.0	536.4	506.6	503.4	.	.	.
Italy	257	245	72.3	23.5	4.1	3.9	0.0	0.3	514.8	519.3	525.3	517.3	.	564.7
Japan	157	155	99.3	0.7	0.0	0.3	0.0	0.7	569.0	571.8	.	545.1	.	581.1
Kazakhstan	239	233	50.3	43.6	6.1	0.5	0.0	2.7	561.7	537.0	542.7	529.8	.	545.0
Korea, Rep. of	182	181	75.4	23.4	1.2	0.6	0.0	0.0	589.6	589.0	576.3	594.1	.	.
Kuwait	294	272	41.5	49.0	9.5	7.9	0.0	2.1	364.2	319.5	332.9	322.9	.	300.0
Lithuania	291	282	79.4	18.4	2.2	1.1	0.0	0.8	530.5	515.7	530.4	492.7	.	560.9
Morocco	367	343	20.1	52.4	27.5	5.8	0.0	1.0	395.0	350.8	326.7	337.9	.	353.8
Netherlands	223	170	83.1	14.2	2.7	21.4	0.0	0.8	519.7	510.8	492.9	516.1	.	488.8
New Zealand	461	438	55.5	39.1	5.4	2.5	0.0	1.5	529.6	479.5	454.7	494.2	.	495.8
Northern Ireland	154	131	74.5	24.0	1.6	17.4	0.0	0.0	525.9	507.3	486.4	514.8	.	.
Norway	227	183	70.1	29.4	0.5	16.9	0.0	0.5	541.9	530.4	543.6	532.2	.	572.1
Oman	357	344	38.9	43.9	17.2	0.6	0.0	2.3	425.2	436.0	435.6	399.2	.	407.2
Poland	254	247	94.4	5.6	0.0	0.0	0.0	3.2	547.3	553.6	.	.	.	534.1
Portugal	322	304	81.1	13.0	5.9	5.1	0.0	1.7	510.7	497.0	496.5	502.5	.	525.6
Qatar	227	221	54.2	38.8	7.0	0.0	0.0	4.1	449.3	427.2	397.4	.	.	416.0
Russian Federation	217	216	60.4	30.7	8.9	0.0	0.0	0.2	574.9	558.6	544.1	.	.	592.0
Saudi Arabia	189	188	31.3	56.7	12.0	0.5	0.0	0.0	391.9	396.8	357.5	351.8	.	.
Serbia	192	187	86.9	12.9	0.2	0.0	0.0	2.1	528.7	498.4	516.7	.	.	512.0
Singapore	358	350	78.8	20.2	1.0	1.5	0.0	1.0	603.4	545.8	536.0	598.2	.	523.2
Slovak Republic	328	322	92.3	6.9	0.8	1.1	0.0	1.0	524.3	482.7	361.1	549.3	.	532.6
Slovenia	256	242	70.3	22.4	7.3	5.4	0.0	0.2	541.0	547.4	551.3	533.3	.	505.9
Spain	393	372	82.9	16.7	0.3	4.1	0.0	1.2	523.2	495.1	455.6	519.3	.	510.1
Sweden	212	200	77.2	20.9	1.9	4.1	0.0	1.1	542.5	531.0	535.0	540.6	.	562.7
Turkey	251	249	28.8	56.0	15.2	0.0	0.0	0.6	503.6	478.2	465.4	.	.	457.6
United Arab Emirates	840	718	62.0	34.9	3.1	8.9	0.0	1.9	479.3	416.0	386.4	414.6	.	479.0
United States	492	433	52.7	44.7	2.5	12.7	0.0	0.7	562.2	529.0	503.3	547.0	.	533.6
International Avg (n=47)	13512	12692	67.5	27.6	4.9	4.3	0.0	1.0	514.4	495.3	474.4	501.0	.	504.8
Buenos Aires, Argentina	291	124	60.2	19.1	20.7	54.2	0.0	2.2	434.0	383.7	408.4	416.5	.	425.5
Ontario, Canada	275	247	61.9	34.9	3.2	7.2	0.0	3.3	538.3	522.6	483.8	516.1	.	541.8
Quebec, Canada	151	140	68.5	29.5	2.0	5.9	0.0	0.0	532.3	504.7	522.7	533.6	.	.
Norway (4)	223	190	73.7	24.5	1.8	12.4	0.0	0.0	496.8	481.7	502.4	491.7	.	.
Abu Dhabi, UAE	212	179	60.8	37.2	2.0	10.1	0.0	2.1	442.1	378.4	301.1	399.5	.	450.6
Dubai, UAE	290	250	73.3	25.8	0.9	8.1	0.0	2.0	539.2	480.0	429.7	442.3	.	600.9
Florida, US	120	92	59.9	34.0	6.0	20.6	0.0	1.6	560.4	536.6	530.9	542.1	.	536.7

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from not enough sleep  
 Location: TQG-15c (ATBG15C)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	429	34.0	59.6	6.3	8.8	0.0	1.8	535.0	523.1	502.2	499.5	.	531.8
Bahrain	345	333	46.5	48.3	5.3	2.5	0.0	1.4	462.4	456.9	445.2	427.2	.	511.4
Belgium (Flemish)	295	289	55.0	41.6	3.5	1.2	0.0	0.4	518.2	504.1	495.4	500.5	.	531.9
Bulgaria	233	231	65.4	30.9	3.7	0.0	0.0	0.6	544.1	518.7	528.0	.	.	543.4
Canada	699	638	31.4	57.0	11.6	6.4	0.0	1.7	533.3	524.3	502.4	523.5	.	540.1
Chile	180	160	23.6	53.0	23.5	6.9	0.0	3.7	503.9	476.4	456.7	473.8	.	471.3
Chinese Taipei	178	178	57.9	38.9	3.1	0.0	0.0	0.0	554.3	555.9	565.6	.	.	.
Croatia	223	219	54.5	38.1	7.5	1.5	0.0	0.3	532.8	535.6	528.2	531.0	.	515.7
Cyprus	242	234	54.1	38.1	7.8	1.1	0.0	2.1	484.3	477.6	462.3	494.5	.	533.2
Czech Republic	265	263	69.6	29.9	0.5	0.8	0.0	0.0	535.6	531.1	556.4	542.1	.	.
Denmark	196	161	37.4	56.0	6.6	12.3	0.0	3.7	530.3	525.4	508.5	530.0	.	538.3
England	214	176	30.1	61.4	8.5	15.0	0.0	0.2	545.3	537.8	515.6	522.3	.	553.6
Finland	341	327	33.7	65.0	1.3	4.3	0.0	0.3	562.4	550.2	531.1	557.1	.	414.4
France	273	258	17.0	60.4	22.6	5.7	0.0	0.2	506.6	489.4	470.9	472.7	.	559.2
Georgia	188	184	44.2	46.8	9.0	0.7	0.0	1.1	461.2	447.1	424.9	438.4	.	450.5
Germany	226	200	44.5	50.2	5.3	10.8	0.0	0.5	536.0	525.2	486.7	534.0	.	498.4
Hong Kong SAR	148	145	43.1	55.0	1.8	1.1	0.0	0.3	566.4	549.2	547.9	549.3	.	558.8
Hungary	244	237	39.0	53.0	7.9	1.1	0.0	1.6	550.9	538.9	518.1	588.9	.	513.0
Indonesia	293	290	72.3	26.4	1.3	0.0	0.0	0.6	399.8	387.5	380.3	.	.	450.4
Iran, Islamic Rep. of	291	290	34.6	52.7	12.8	0.0	0.0	0.2	417.1	427.4	407.8	.	.	297.1
Ireland	214	214	37.8	58.8	3.4	0.0	0.0	0.0	538.9	524.4	495.1	.	.	.
Italy	257	241	50.7	38.5	10.8	3.9	0.0	2.0	518.0	512.7	519.5	517.3	.	530.2
Japan	157	155	70.9	29.1	0.0	0.3	0.0	0.7	570.2	566.2	.	545.1	.	581.1
Kazakhstan	239	232	47.2	43.6	9.2	0.5	0.0	3.2	554.7	544.8	545.1	529.8	.	554.6
Korea, Rep. of	182	181	60.2	35.9	3.9	0.6	0.0	0.0	591.1	586.3	589.1	594.1	.	.
Kuwait	294	273	30.0	59.9	10.2	7.9	0.0	1.7	364.3	334.2	289.7	322.9	.	325.0
Lithuania	291	283	38.4	56.4	5.2	1.1	0.0	0.2	535.0	521.2	550.3	492.7	.	542.4
Morocco	367	345	26.5	56.3	17.2	5.8	0.0	0.8	377.2	347.7	336.1	337.9	.	300.3
Netherlands	223	171	49.0	45.8	5.1	21.4	0.0	0.0	522.4	515.7	484.5	516.1	.	.
New Zealand	461	438	27.2	61.5	11.3	2.5	0.0	1.5	532.9	499.7	475.2	494.2	.	495.8
Northern Ireland	154	131	31.3	60.7	8.1	17.4	0.0	0.0	535.9	514.9	506.5	514.8	.	.
Norway	227	183	49.4	47.0	3.5	16.9	0.0	0.5	542.0	536.7	513.2	532.2	.	572.1
Oman	357	343	38.4	45.0	16.5	0.6	0.0	2.8	427.0	435.3	431.5	399.2	.	419.9
Poland	254	249	73.9	25.0	1.2	0.0	0.0	2.1	549.3	539.8	581.1	.	.	542.3
Portugal	322	305	31.5	52.2	16.3	5.1	0.0	0.8	515.6	506.6	500.2	502.5	.	502.8
Qatar	227	223	33.2	56.8	10.0	0.0	0.0	2.6	452.1	433.8	411.0	.	.	385.4
Russian Federation	217	216	38.3	47.5	14.2	0.0	0.0	0.2	569.7	567.4	559.3	.	.	592.0
Saudi Arabia	189	187	24.1	59.5	16.4	0.5	0.0	0.5	387.4	392.3	390.3	351.8	.	333.3
Serbia	192	187	54.6	40.1	5.2	0.0	0.0	2.4	528.0	518.5	532.3	.	.	530.1
Singapore	358	351	56.3	40.4	3.3	1.5	0.0	0.7	604.6	571.7	587.4	598.2	.	534.6
Slovak Republic	328	323	65.1	32.4	2.5	1.1	0.0	0.4	530.5	504.3	452.5	549.3	.	554.6
Slovenia	256	242	38.6	50.9	10.5	5.4	0.0	0.2	541.2	543.1	551.1	533.3	.	505.9
Spain	393	370	53.5	42.6	3.9	4.1	0.0	1.4	526.8	508.2	504.5	519.3	.	528.6
Sweden	212	202	52.8	43.2	4.0	4.1	0.0	0.7	549.7	526.9	552.2	540.6	.	574.3
Turkey	251	248	22.9	59.2	17.9	0.0	0.0	0.9	491.8	485.1	469.8	.	.	425.6
United Arab Emirates	840	719	45.0	48.8	6.1	8.9	0.0	2.0	473.1	446.0	385.4	414.6	.	470.0
United States	492	434	23.7	64.7	11.6	12.7	0.0	0.6	568.1	542.1	520.1	547.0	.	553.0
International Avg (n=47)	13512	12688	43.8	48.2	8.0	4.3	0.0	1.1	514.4	502.3	490.6	501.0	.	496.7
Buenos Aires, Argentina	291	127	22.3	53.0	24.7	54.2	0.0	1.5	459.0	406.0	411.0	416.5	.	429.3
Ontario, Canada	275	247	30.3	59.7	10.0	7.2	0.0	3.3	540.9	527.0	525.7	516.1	.	541.8
Quebec, Canada	151	140	37.9	51.5	10.6	5.9	0.0	0.0	526.8	525.9	504.0	533.6	.	.
Norway (4)	223	190	48.9	48.7	2.4	12.4	0.0	0.0	497.9	488.5	493.5	491.7	.	.
Abu Dhabi, UAE	212	179	37.7	50.8	11.5	10.1	0.0	2.9	432.1	414.1	367.3	399.5	.	443.3
Dubai, UAE	290	251	55.8	43.1	1.1	8.1	0.0	1.4	536.1	505.3	502.8	442.3	.	660.6
Florida, US	120	92	19.0	65.2	15.8	20.6	0.0	1.6	580.5	550.6	514.0	542.1	.	536.7

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students  
 Location: TQG-15d (ATBG15D)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	432	22.5	61.8	15.7	8.8	0.0	0.8	547.5	521.8	513.7	499.5	.	485.2
Bahrain	345	332	23.6	50.4	26.1	2.5	0.0	1.6	479.8	458.2	444.2	427.2	.	457.7
Belgium (Flemish)	295	289	20.9	67.4	11.7	1.2	0.0	0.4	510.6	515.1	492.8	500.5	.	531.9
Bulgaria	233	233	28.4	60.5	11.0	0.0	0.0	0.0	548.9	535.5	502.7	.	.	.
Canada	699	638	11.6	62.6	25.8	6.4	0.0	1.7	544.6	527.2	509.3	523.5	.	540.1
Chile	180	161	16.5	45.3	38.1	6.9	0.0	3.0	491.6	493.0	455.7	473.8	.	462.3
Chinese Taipei	178	178	24.5	45.6	29.9	0.0	0.0	0.0	554.3	557.5	552.7	.	.	.
Croatia	223	219	29.8	47.2	23.0	1.5	0.0	0.3	532.8	532.2	537.1	531.0	.	515.7
Cyprus	242	238	20.6	41.1	38.3	1.1	0.0	0.2	486.4	483.5	476.0	494.5	.	445.3
Czech Republic	265	263	21.5	73.0	5.5	0.8	0.0	0.0	531.4	535.2	534.3	542.1	.	.
Denmark	196	166	11.7	59.0	29.3	12.3	0.0	1.0	541.9	526.5	518.7	530.0	.	574.3
England	214	176	40.1	49.9	10.1	15.0	0.0	0.2	550.3	531.8	521.2	522.3	.	553.6
Finland	341	327	29.7	56.7	13.7	4.3	0.0	0.3	560.8	553.3	542.4	557.1	.	414.4
France	273	254	22.4	40.5	37.1	5.7	0.0	1.2	499.3	498.4	471.8	472.7	.	456.1
Georgia	188	185	37.8	58.6	3.6	0.7	0.0	0.5	467.0	442.9	423.3	438.4	.	459.9
Germany	226	200	21.9	56.4	21.7	10.8	0.0	0.5	541.8	529.1	510.3	534.0	.	528.7
Hong Kong SAR	148	145	26.1	65.2	8.7	1.1	0.0	0.3	566.3	554.0	547.2	549.3	.	558.8
Hungary	244	237	46.3	44.6	9.1	1.1	0.0	1.6	554.0	535.2	514.0	588.9	.	513.0
Indonesia	293	291	32.0	66.5	1.6	0.0	0.0	0.4	385.5	401.9	394.9	.	.	438.7
Iran, Islamic Rep. of	291	289	32.0	38.3	29.7	0.0	0.0	0.4	433.0	422.3	405.9	.	.	461.5
Ireland	214	213	41.2	52.0	6.8	0.0	0.0	0.4	537.2	526.4	497.5	.	.	534.2
Italy	257	243	23.7	49.8	26.5	3.9	0.0	0.9	522.3	514.4	514.6	517.3	.	528.0
Japan	157	154	66.6	30.9	2.5	0.3	0.0	1.2	569.5	569.6	553.3	545.1	.	564.8
Kazakhstan	239	232	44.8	44.5	10.6	0.5	0.0	3.2	559.8	541.7	543.9	529.8	.	537.6
Korea, Rep. of	182	181	15.4	53.5	31.1	0.6	0.0	0.0	596.8	588.8	586.4	594.1	.	.
Kuwait	294	274	12.8	63.9	23.3	7.9	0.0	1.4	361.3	341.4	318.5	322.9	.	328.6
Lithuania	291	284	21.1	49.6	29.3	1.1	0.0	0.1	528.4	534.0	517.8	492.7	.	518.4
Morocco	367	345	20.2	59.8	20.1	5.8	0.0	0.5	363.5	356.9	332.2	337.9	.	322.2
Netherlands	223	171	17.7	64.7	17.6	21.4	0.0	0.0	530.0	517.3	505.1	516.1	.	.
New Zealand	461	436	29.8	58.0	12.2	2.5	0.0	2.0	524.0	503.1	476.8	494.2	.	492.7
Northern Ireland	154	129	44.2	47.1	8.7	17.4	0.0	0.9	529.4	516.0	505.2	514.8	.	501.9
Norway	227	183	35.2	48.2	16.6	16.9	0.0	0.5	546.2	535.4	531.0	532.2	.	572.1
Oman	357	343	21.8	46.5	31.7	0.6	0.0	2.0	443.1	423.8	435.4	399.2	.	406.4
Poland	254	253	28.1	57.9	14.0	0.0	0.0	0.8	549.0	547.5	541.7	.	.	553.1
Portugal	322	306	35.6	43.9	20.5	5.1	0.0	0.4	515.1	505.4	502.9	502.5	.	518.3
Qatar	227	222	26.0	59.5	14.5	0.0	0.0	3.4	455.1	436.8	408.3	.	.	401.9
Russian Federation	217	216	15.8	63.3	20.8	0.0	0.0	0.2	579.0	570.5	548.0	.	.	592.0
Saudi Arabia	189	187	15.1	64.1	20.9	0.5	0.0	0.6	413.5	388.2	383.1	351.8	.	330.0
Serbia	192	189	42.6	46.2	11.2	0.0	0.0	1.4	524.3	522.9	533.2	.	.	512.7
Singapore	358	351	25.7	58.3	16.0	1.5	0.0	0.7	605.8	589.4	571.6	598.2	.	534.6
Slovak Republic	328	323	41.4	43.0	15.6	1.1	0.0	0.4	538.2	514.3	487.7	549.3	.	554.6
Slovenia	256	242	7.5	45.3	47.3	5.4	0.0	0.2	540.7	545.0	541.9	533.3	.	505.9
Spain	393	373	38.5	46.6	14.9	4.1	0.0	0.6	527.6	516.6	497.3	519.3	.	549.5
Sweden	212	202	26.4	52.7	21.0	4.1	0.0	0.7	561.4	537.3	519.5	540.6	.	574.3
Turkey	251	248	13.1	57.9	28.9	0.0	0.0	1.1	489.4	488.4	470.9	.	.	477.8
United Arab Emirates	840	716	24.8	62.1	13.1	8.9	0.0	2.1	488.7	453.1	391.3	414.6	.	498.2
United States	492	434	16.6	61.8	21.6	12.7	0.0	0.6	562.7	548.1	525.7	547.0	.	553.0
International Avg (n=47)	13512	12703	27.0	53.7	19.3	4.3	0.0	0.9	516.8	506.1	491.7	501.0	.	496.7
Buenos Aires, Argentina	291	128	15.4	50.4	34.1	54.2	0.0	1.1	447.1	424.0	400.7	416.5	.	411.4
Ontario, Canada	275	247	10.1	65.6	24.3	7.2	0.0	3.3	552.9	532.7	517.7	516.1	.	541.8
Quebec, Canada	151	140	15.2	58.0	26.8	5.9	0.0	0.0	542.3	521.6	518.5	533.6	.	.
Norway (4)	223	190	26.9	56.7	16.4	12.4	0.0	0.0	496.5	493.9	485.4	491.7	.	.
Abu Dhabi, UAE	212	179	21.5	60.3	18.2	10.1	0.0	2.0	441.5	423.7	358.0	399.5	.	452.6
Dubai, UAE	290	248	34.3	60.0	5.8	8.1	0.0	2.9	550.1	511.7	460.0	442.3	.	609.5
Florida, US	120	92	14.9	64.9	20.2	20.6	0.0	1.6	569.9	551.3	533.9	542.1	.	536.7

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students  
 Location: TQG-15e (ATBG15E)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	432	34.8	57.7	7.5	8.8	0.0	0.8	545.8	517.1	506.9	499.5	.	485.2
Bahrain	345	334	19.6	62.1	18.3	2.5	0.0	1.2	469.7	460.2	445.9	427.2	.	469.0
Belgium (Flemish)	295	288	36.9	55.6	7.5	1.2	0.0	0.9	521.7	508.2	484.7	500.5	.	534.0
Bulgaria	233	230	18.0	74.8	7.2	0.0	0.0	1.2	564.5	533.5	492.6	.	.	498.9
Canada	699	637	20.4	67.3	12.2	6.4	0.0	2.2	530.3	525.9	506.8	523.5	.	542.3
Chile	180	160	11.5	58.1	30.4	6.9	0.0	3.9	519.6	479.0	462.7	473.8	.	461.6
Chinese Taipei	178	178	20.9	60.0	19.1	0.0	0.0	0.0	557.6	556.6	548.6	.	.	.
Croatia	223	219	20.9	66.3	12.8	1.5	0.0	0.3	532.4	535.2	526.7	531.0	.	515.7
Cyprus	242	238	16.9	47.6	35.5	1.1	0.0	0.2	486.8	483.3	475.8	494.5	.	445.3
Czech Republic	265	263	38.2	59.1	2.7	0.8	0.0	0.0	539.2	531.2	532.7	542.1	.	.
Denmark	196	166	6.0	74.3	19.7	12.3	0.0	1.0	543.3	526.1	520.4	530.0	.	574.3
England	214	176	36.2	58.8	5.0	15.0	0.0	0.2	547.4	535.0	508.6	522.3	.	553.6
Finland	341	327	25.9	70.1	4.1	4.3	0.0	0.3	564.0	551.7	531.2	557.1	.	414.4
France	273	256	14.8	57.3	27.9	5.7	0.0	0.9	501.1	492.9	472.0	472.7	.	489.5
Georgia	188	184	13.4	78.3	8.4	0.7	0.0	0.9	458.0	450.9	448.5	438.4	.	416.3
Germany	226	201	26.1	66.1	7.8	10.8	0.0	0.0	533.3	528.4	504.6	534.0	.	.
Hong Kong SAR	148	145	38.0	53.7	8.3	1.1	0.0	0.3	563.6	552.7	550.0	549.3	.	558.8
Hungary	244	237	36.4	55.7	7.9	1.1	0.0	1.6	554.1	538.0	513.8	588.9	.	513.0
Indonesia	293	291	44.8	52.8	2.4	0.0	0.0	0.4	396.0	398.3	364.6	.	.	438.7
Iran, Islamic Rep. of	291	289	16.0	62.3	21.7	0.0	0.0	0.4	454.8	419.6	399.6	.	.	440.3
Ireland	214	212	32.1	64.0	3.9	0.0	0.0	0.8	534.5	528.4	488.8	.	.	537.9
Italy	257	245	16.2	61.5	22.3	3.9	0.0	0.3	530.0	513.4	514.4	517.3	.	564.7
Japan	157	153	55.0	44.3	0.8	0.3	0.0	2.0	573.2	564.2	552.6	545.1	.	569.7
Kazakhstan	239	231	33.2	56.1	10.7	0.5	0.0	3.8	578.9	535.6	535.1	529.8	.	543.3
Korea, Rep. of	182	181	24.0	55.6	20.4	0.6	0.0	0.0	591.5	589.6	586.0	594.1	.	.
Kuwait	294	270	15.5	66.1	18.5	7.9	0.0	2.6	354.1	342.3	316.7	322.9	.	306.1
Lithuania	291	284	13.4	64.2	22.4	1.1	0.0	0.3	536.9	526.9	525.7	492.7	.	545.6
Morocco	367	344	9.6	64.1	26.3	5.8	0.0	0.9	405.5	349.2	344.9	337.9	.	311.7
Netherlands	223	169	29.6	63.3	7.1	21.4	0.0	0.9	527.2	514.8	498.5	516.1	.	524.7
New Zealand	461	437	32.8	64.4	2.8	2.5	0.0	1.8	510.6	505.3	468.6	494.2	.	495.2
Northern Ireland	154	130	26.4	67.3	6.3	17.4	0.0	0.5	537.8	516.2	502.4	514.8	.	483.9
Norway	227	183	37.4	56.6	6.0	16.9	0.0	0.5	548.6	532.8	528.8	532.2	.	572.1
Oman	357	346	18.5	54.6	26.9	0.6	0.0	1.7	438.6	431.3	427.0	399.2	.	410.4
Poland	254	253	31.9	64.4	3.7	0.0	0.0	0.8	552.6	546.2	516.4	.	.	553.1
Portugal	322	305	13.1	63.2	23.8	5.1	0.0	0.7	517.4	509.6	500.1	502.5	.	507.6
Qatar	227	222	21.6	66.4	12.0	0.0	0.0	2.7	483.7	431.6	387.6	.	.	386.9
Russian Federation	217	216	21.0	59.5	19.5	0.0	0.0	0.2	578.4	565.3	560.7	.	.	592.0
Saudi Arabia	189	187	12.3	58.9	28.8	0.5	0.0	0.4	411.9	392.2	376.5	351.8	.	490.1
Serbia	192	191	27.5	60.6	11.9	0.0	0.0	0.3	530.2	523.4	516.7	.	.	533.5
Singapore	358	351	24.6	65.9	9.4	1.5	0.0	0.7	616.4	585.9	557.8	598.2	.	534.6
Slovak Republic	328	323	29.1	56.4	14.5	1.1	0.0	0.4	538.7	519.1	486.4	549.3	.	554.6
Slovenia	256	242	11.6	56.2	32.3	5.4	0.0	0.2	556.9	542.5	539.5	533.3	.	505.9
Spain	393	372	21.2	60.5	18.3	4.1	0.0	0.9	532.7	519.4	495.7	519.3	.	545.4
Sweden	212	201	43.0	47.6	9.4	4.1	0.0	1.1	551.7	533.0	523.8	540.6	.	538.1
Turkey	251	248	4.5	58.0	37.5	0.0	0.0	1.0	510.8	488.8	472.9	.	.	437.5
United Arab Emirates	840	717	24.1	65.2	10.7	8.9	0.0	1.9	486.4	455.4	374.9	414.6	.	481.9
United States	492	432	15.2	68.5	16.2	12.7	0.0	0.9	563.5	547.1	524.1	547.0	.	536.1
International Avg (n=47)	13512	12696	24.3	61.1	14.7	4.3	0.0	1.0	520.9	505.0	487.6	501.0	.	498.0
Buenos Aires, Argentina	291	126	17.4	59.2	23.3	54.2	0.0	2.2	423.8	425.6	398.7	416.5	.	427.3
Ontario, Canada	275	247	18.8	69.6	11.6	7.2	0.0	3.3	529.6	531.7	530.0	516.1	.	541.8
Quebec, Canada	151	139	25.0	62.1	12.9	5.9	0.0	1.8	531.7	521.3	518.0	533.6	.	550.3
Norway (4)	223	189	32.3	59.8	7.9	12.4	0.0	0.6	499.5	492.6	473.1	491.7	.	478.8
Abu Dhabi, UAE	212	180	19.9	66.8	13.3	10.1	0.0	1.9	445.8	421.5	340.2	399.5	.	456.5
Dubai, UAE	290	250	31.1	66.4	2.5	8.1	0.0	1.9	549.1	514.2	400.2	442.3	.	636.6
Florida, US	120	92	11.8	64.7	23.5	20.6	0.0	1.6	577.8	557.2	518.4	542.1	.	536.7

Question: In your view, to what extent do the following limit how you teach this class? Students with physical disabilities  
 Location: TQG-15f (ATBG15F)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	432	86.0	11.9	2.2	8.8	0.0	0.8	525.9	529.1	526.4	499.5	.	485.2
Bahrain	345	335	82.1	17.1	0.8	2.5	0.0	0.9	460.4	451.8	498.3	427.2	.	498.8
Belgium (Flemish)	295	289	95.9	4.1	0.0	1.2	0.0	0.4	511.5	512.2	.	500.5	.	531.9
Bulgaria	233	229	86.1	13.9	0.0	0.0	0.0	1.2	538.7	522.2	.	.	.	476.5
Canada	699	637	84.0	15.3	0.7	6.4	0.0	1.9	524.7	524.6	508.5	523.5	.	539.0
Chile	180	162	86.7	11.4	1.9	6.9	0.0	2.5	480.0	463.3	492.5	473.8	.	465.8
Chinese Taipei	178	176	93.4	6.1	0.6	0.0	0.0	0.6	555.0	555.8	572.4	.	.	570.9
Croatia	223	219	83.8	14.9	1.4	1.5	0.0	0.3	533.6	533.4	530.6	531.0	.	515.7
Cyprus	242	234	79.7	17.6	2.7	1.1	0.0	2.1	479.6	481.6	482.1	494.5	.	533.2
Czech Republic	265	263	85.0	14.0	1.0	0.8	0.0	0.0	535.0	532.1	509.7	542.1	.	.
Denmark	196	166	90.8	9.2	0.0	12.3	0.0	1.0	527.4	512.0	.	530.0	.	574.3
England	214	176	85.6	13.3	1.1	15.0	0.0	0.2	542.2	513.8	514.8	522.3	.	553.6
Finland	341	327	92.9	7.1	0.0	4.3	0.0	0.3	554.5	547.7	.	557.1	.	414.4
France	273	257	94.3	5.7	0.0	5.7	0.0	0.5	488.6	483.7	.	472.7	.	486.0
Georgia	188	182	81.5	16.3	2.2	0.7	0.0	1.6	454.9	433.5	456.7	438.4	.	444.4
Germany	226	201	89.5	10.5	0.0	10.8	0.0	0.0	528.9	518.2	.	534.0	.	.
Hong Kong SAR	148	145	97.4	2.0	0.7	1.1	0.0	0.3	557.3	521.7	565.8	549.3	.	558.8
Hungary	244	237	97.6	1.9	0.5	1.1	0.0	1.6	542.2	548.3	451.2	588.9	.	513.0
Indonesia	293	291	83.3	16.4	0.3	0.0	0.0	0.4	401.6	372.4	298.1	.	.	438.7
Iran, Islamic Rep. of	291	288	63.6	26.6	9.8	0.0	0.0	1.0	430.1	395.6	430.8	.	.	421.3
Ireland	214	214	86.8	12.9	0.3	0.0	0.0	0.0	529.9	521.8	523.7	.	.	.
Italy	257	243	79.0	20.0	1.0	3.9	0.0	1.2	517.8	512.4	493.9	517.3	.	511.1
Japan	157	155	96.4	3.6	0.0	0.3	0.0	0.7	569.4	557.7	.	545.1	.	581.1
Kazakhstan	239	227	66.4	25.7	7.9	0.5	0.0	5.2	556.8	537.8	527.3	529.8	.	550.7
Korea, Rep. of	182	181	75.9	22.4	1.7	0.6	0.0	0.0	589.8	588.3	581.5	594.1	.	.
Kuwait	294	272	79.9	18.0	2.1	7.9	0.0	1.7	346.1	309.8	309.1	322.9	.	322.6
Lithuania	291	280	82.0	15.1	2.8	1.1	0.0	1.2	528.2	528.0	531.6	492.7	.	511.5
Morocco	367	339	69.5	28.2	2.3	5.8	0.0	1.8	366.3	320.2	336.8	337.9	.	378.0
Netherlands	223	171	87.1	12.0	0.8	21.4	0.0	0.0	517.3	517.0	529.5	516.1	.	.
New Zealand	461	437	87.3	11.8	0.9	2.5	0.0	1.8	508.6	488.0	482.3	494.2	.	497.5
Northern Ireland	154	131	93.8	6.2	0.0	17.4	0.0	0.0	520.2	530.1	.	514.8	.	.
Norway	227	183	90.7	9.3	0.0	16.9	0.0	0.5	539.2	531.6	.	532.2	.	572.1
Oman	357	344	64.4	23.7	12.0	0.6	0.0	2.2	431.1	434.6	424.6	399.2	.	432.2
Poland	254	253	96.8	3.2	0.0	0.0	0.0	0.8	547.0	550.0	.	.	.	553.1
Portugal	322	303	67.0	24.5	8.5	5.1	0.0	1.2	513.1	496.2	505.8	502.5	.	512.1
Qatar	227	223	82.0	17.7	0.3	0.0	0.0	2.6	443.1	414.4	317.8	.	.	385.4
Russian Federation	217	213	57.8	34.0	8.2	0.0	0.0	1.8	573.5	565.5	533.6	.	.	551.4
Saudi Arabia	189	186	66.7	28.4	4.9	1.4	0.0	0.0	395.9	376.5	392.7	395.0	.	.
Serbia	192	186	77.7	19.0	3.4	0.0	0.0	2.7	525.8	517.8	534.2	.	.	523.3
Singapore	358	350	88.6	10.8	0.6	1.5	0.0	0.9	593.4	574.5	507.9	598.2	.	538.5
Slovak Republic	328	323	91.4	8.6	0.0	1.1	0.0	0.4	520.6	514.3	.	549.3	.	554.6
Slovenia	256	242	83.1	14.5	2.4	5.4	0.0	0.2	542.7	544.9	549.1	533.3	.	505.9
Spain	393	374	94.1	5.2	0.7	4.1	0.0	0.4	519.8	491.6	474.5	519.3	.	550.0
Sweden	212	201	90.8	7.9	1.3	4.1	0.0	1.1	541.7	519.5	530.9	540.6	.	577.1
Turkey	251	247	87.6	10.3	2.1	0.0	0.0	1.4	485.2	467.4	509.1	.	.	448.6
United Arab Emirates	840	718	83.3	14.6	2.2	8.9	0.0	2.0	462.4	414.5	402.5	414.6	.	484.2
United States	492	433	83.4	16.3	0.3	12.7	0.0	0.7	547.4	538.3	525.9	547.0	.	533.6
International Avg (n=47)	13512	12675	84.0	14.0	2.0	4.3	0.0	1.1	508.6	496.1	482.3	502.2	.	502.4
Buenos Aires, Argentina	291	125	70.1	25.1	4.9	54.2	0.0	1.9	421.8	414.2	402.3	416.5	.	430.1
Ontario, Canada	275	247	84.2	15.6	0.2	7.2	0.0	3.3	532.6	523.2	525.1	516.1	.	541.8
Quebec, Canada	151	139	79.3	19.4	1.3	5.9	0.0	0.6	522.6	529.1	527.2	533.6	.	525.7
Norway (4)	223	190	89.9	8.9	1.2	12.4	0.0	0.0	493.9	487.1	488.1	491.7	.	.
Abu Dhabi, UAE	212	179	84.0	13.4	2.6	10.1	0.0	2.8	423.8	362.2	399.5	399.5	.	462.8
Dubai, UAE	290	250	89.2	9.8	1.0	8.1	0.0	1.6	530.0	471.5	360.4	442.3	.	636.9
Florida, US	120	92	88.8	11.2	0.0	20.6	0.0	1.6	552.3	536.1	.	542.1	.	536.7



Question: In your view, to what extent do the following limit how you teach this class? Students with mental, emotional, or psychological disabilities  
 Location: TQG-15g (ATBG15G)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	431	33.9	59.1	7.0	8.8	0.0	0.9	538.3	522.4	501.4	499.5	.	490.5
Bahrain	345	334	46.9	47.4	5.7	2.5	0.0	1.1	461.3	458.3	448.6	427.2	.	500.9
Belgium (Flemish)	295	288	38.9	57.3	3.8	1.2	0.0	0.8	512.5	512.1	500.6	500.5	.	490.7
Bulgaria	233	228	34.1	61.6	4.4	0.0	0.0	1.3	554.6	531.1	469.4	.	.	484.6
Canada	699	637	27.4	61.9	10.7	6.6	0.0	1.7	529.5	525.6	506.2	523.4	.	540.1
Chile	180	160	27.4	56.3	16.3	6.9	0.0	3.0	492.9	474.6	465.7	473.8	.	473.6
Chinese Taipei	178	178	45.2	43.7	11.2	0.0	0.0	0.0	556.6	556.1	546.9	.	.	.
Croatia	223	219	41.5	50.2	8.3	1.5	0.0	0.3	531.8	533.9	540.1	531.0	.	515.7
Cyprus	242	234	27.9	50.5	21.6	1.1	0.0	2.1	485.9	481.0	470.2	494.5	.	533.2
Czech Republic	265	263	59.3	38.5	2.2	0.8	0.0	0.0	539.3	526.4	538.8	542.1	.	.
Denmark	196	166	48.2	41.0	10.8	12.3	0.0	1.0	531.7	520.6	521.3	530.0	.	574.3
England	214	176	40.9	53.1	6.1	15.0	0.0	0.2	549.5	532.6	510.8	522.3	.	553.6
Finland	341	327	44.5	49.3	6.2	4.3	0.0	0.3	562.9	547.6	541.9	557.1	.	414.4
France	273	256	53.1	36.8	10.1	5.7	0.0	0.6	490.2	486.2	486.0	472.7	.	488.9
Georgia	188	183	55.6	40.5	3.9	0.7	0.0	1.2	458.7	442.7	442.2	438.4	.	433.8
Germany	226	201	35.2	55.3	9.5	10.8	0.0	0.0	539.5	524.4	504.7	534.0	.	.
Hong Kong SAR	148	145	51.3	46.7	1.9	1.1	0.0	0.3	562.9	552.1	500.0	549.3	.	558.8
Hungary	244	237	35.8	56.3	7.9	1.1	0.0	1.6	553.5	538.3	516.0	588.9	.	513.0
Indonesia	293	291	62.9	36.9	0.2	0.0	0.0	0.4	397.5	394.4	481.0	.	.	438.7
Iran, Islamic Rep. of	291	289	24.8	51.0	24.3	0.0	0.0	0.5	426.7	420.5	416.1	.	.	430.0
Ireland	214	212	51.7	42.2	6.1	0.0	0.0	1.1	535.6	523.8	506.0	.	.	531.1
Italy	257	241	32.8	49.6	17.6	3.9	0.0	2.6	518.9	514.7	516.5	517.3	.	518.0
Japan	157	155	67.9	31.5	0.7	0.3	0.0	0.7	569.0	569.6	546.0	545.1	.	581.1
Kazakhstan	239	227	51.5	32.9	15.6	0.5	0.0	5.7	557.9	542.9	535.3	529.8	.	553.0
Korea, Rep. of	182	181	40.2	44.1	15.8	0.6	0.0	0.0	588.4	589.7	590.4	594.1	.	.
Kuwait	294	273	55.5	41.2	3.2	7.9	0.0	1.6	351.5	322.5	324.1	322.9	.	325.6
Lithuania	291	283	26.5	50.5	23.0	1.1	0.0	0.2	534.5	527.6	521.5	492.7	.	542.4
Morocco	367	342	40.9	52.1	7.0	5.8	0.0	1.5	366.7	341.6	358.7	337.9	.	356.9
Netherlands	223	170	12.2	74.1	13.7	21.4	0.0	0.5	526.4	516.2	514.5	516.1	.	552.1
New Zealand	461	438	42.3	49.6	8.1	2.5	0.0	1.5	520.8	496.4	486.7	494.2	.	495.8
Northern Ireland	154	131	55.5	39.3	5.2	17.4	0.0	0.0	527.9	515.4	485.8	514.8	.	.
Norway	227	183	53.7	36.7	9.7	16.9	0.0	0.5	542.7	534.7	529.4	532.2	.	572.1
Oman	357	344	33.8	43.7	22.4	0.6	0.0	2.2	424.4	432.6	438.3	399.2	.	432.2
Poland	254	250	43.5	50.2	6.3	0.0	0.0	1.8	554.3	542.7	536.9	.	.	538.3
Portugal	322	304	32.2	52.3	15.5	5.1	0.0	1.0	514.5	505.2	506.1	502.5	.	509.5
Qatar	227	223	64.1	34.1	1.8	0.0	0.0	2.6	451.0	415.7	374.3	.	.	385.4
Russian Federation	217	216	27.8	47.0	25.2	0.0	0.0	0.2	570.5	571.0	556.3	.	.	592.0
Saudi Arabia	189	188	48.4	44.7	6.9	0.5	0.0	0.0	409.1	369.8	394.9	351.8	.	.
Serbia	192	188	47.6	38.0	14.4	0.0	0.0	1.5	519.3	526.2	538.0	.	.	517.7
Singapore	358	351	58.0	38.8	3.2	1.5	0.0	0.7	604.5	575.7	523.3	598.2	.	534.6
Slovak Republic	328	323	47.9	39.2	12.9	1.1	0.0	0.4	533.4	507.7	507.7	549.3	.	554.6
Slovenia	256	242	24.6	60.1	15.3	5.4	0.0	0.2	543.1	543.7	541.2	533.3	.	505.9
Spain	393	372	43.7	49.0	7.2	4.1	0.0	0.6	527.4	515.1	480.7	519.3	.	549.4
Sweden	212	202	33.3	52.2	14.6	4.1	0.0	0.7	554.1	533.3	531.4	540.6	.	574.3
Turkey	251	248	51.5	41.6	6.9	0.0	0.0	1.0	485.8	485.4	460.0	.	.	437.5
United Arab Emirates	840	716	58.3	38.7	2.9	8.9	0.0	2.3	461.2	445.8	416.3	414.6	.	487.2
United States	492	433	26.7	64.3	9.0	12.7	0.0	0.7	554.8	542.2	545.5	547.0	.	533.6
International Avg (n=47)	13512	12679	42.7	47.5	9.8	4.3	0.0	1.0	513.3	501.9	493.1	501.0	.	502.8
Buenos Aires, Argentina	291	125	33.2	51.5	15.3	54.2	0.0	1.9	429.4	420.1	394.8	416.5	.	421.2
Ontario, Canada	275	247	26.2	63.4	10.3	7.2	0.0	3.3	538.5	530.0	519.1	516.1	.	541.8
Quebec, Canada	151	139	29.0	61.7	9.3	6.7	0.0	0.0	527.3	523.5	516.8	532.0	.	.
Norway (4)	223	190	55.3	38.4	6.3	12.4	0.0	0.0	497.2	489.5	480.9	491.7	.	.
Abu Dhabi, UAE	212	179	58.1	38.0	3.8	10.1	0.0	2.8	429.0	398.8	362.1	399.5	.	462.8
Dubai, UAE	290	247	58.8	39.7	1.5	8.1	0.0	3.2	525.5	521.6	461.4	442.3	.	569.5
Florida, US	120	92	32.4	62.0	5.6	20.6	0.0	1.6	561.5	544.9	548.9	542.1	.	536.7

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 %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	425	74.5	25.5	8.8	0.0	2.1	527.5	523.0	499.5	.	509.0
Bahrain	345	329	72.2	27.8	2.5	0.0	3.0	465.6	443.0	427.2	.	470.4
Belgium (Flemish)	295	286	87.0	13.0	1.2	0.0	0.7	514.4	493.6	500.5	.	509.0
Bulgaria	233	231	94.9	5.1	0.0	0.0	0.4	535.3	541.5	.	.	567.9
Canada	699	622	81.7	18.3	6.4	0.0	3.9	525.7	517.7	523.5	.	539.4
Chile	180	157	62.4	37.6	6.9	0.0	3.0	484.8	467.9	473.8	.	463.7
Chinese Taipei	178	174	81.8	18.2	0.0	0.0	2.8	554.8	556.8	.	.	558.5
Croatia	223	220	72.7	27.3	1.5	0.0	0.0	535.3	528.6	531.0	.	.
Cyprus	242	238	93.5	6.5	1.1	0.0	0.4	480.9	487.2	494.5	.	440.6
Czech Republic	265	263	91.5	8.5	0.8	0.0	0.0	534.8	529.4	542.1	.	.
Denmark	196	166	89.1	10.9	12.3	0.0	0.9	528.5	513.0	530.0	.	504.2
England	214	174	83.9	16.1	15.0	0.0	1.1	539.6	532.2	522.3	.	519.5
Finland	341	326	91.8	8.2	4.3	0.0	0.4	554.4	544.9	557.1	.	562.5
France	273	258	93.1	6.9	5.7	0.0	0.6	489.9	469.0	472.7	.	462.5
Georgia	188	183	96.9	3.1	0.7	0.0	1.8	450.5	477.3	438.4	.	451.9
Germany	226	197	23.5	76.5	10.8	0.0	1.5	526.2	528.6	534.0	.	516.7
Hong Kong SAR	148	141	33.9	66.1	1.1	0.0	3.5	568.5	549.9	549.3	.	569.1
Hungary	244	238	87.4	12.6	1.1	0.0	1.2	543.7	529.7	588.9	.	507.3
Indonesia	293	288	78.6	21.4	0.3	0.0	0.9	393.2	408.2	305.8	.	456.8
Iran, Islamic Rep. of	291	285	97.6	2.4	0.0	0.0	1.7	420.1	440.2	.	.	449.0
Ireland	214	212	73.7	26.3	0.0	0.0	0.4	530.6	524.7	.	.	487.8
Italy	257	240	68.4	31.6	3.9	0.0	2.0	516.3	518.0	517.3	.	497.1
Japan	157	154	100.0	0.0	0.3	0.0	1.1	569.2	.	545.1	.	560.5
Kazakhstan	239	229	87.9	12.1	0.5	0.0	4.3	553.5	526.5	529.8	.	536.4
Korea, Rep. of	182	181	91.6	8.4	0.6	0.0	0.0	589.6	586.4	594.1	.	.
Kuwait	294	273	76.6	23.4	7.9	0.0	1.7	337.4	342.9	322.9	.	323.1
Lithuania	291	285	89.1	10.9	1.1	0.0	0.0	527.2	535.5	492.7	.	374.7
Morocco	367	317	58.3	41.7	5.8	0.0	7.0	348.6	356.9	337.9	.	365.4
Netherlands	223	169	71.7	28.3	22.3	0.0	0.0	520.6	510.4	514.9	.	.
New Zealand	461	433	43.4	56.6	2.5	0.0	2.9	503.4	509.2	494.2	.	477.6
Northern Ireland	154	131	9.0	91.0	17.4	0.0	0.0	511.0	521.8	514.8	.	.
Norway	227	179	92.4	7.6	16.9	0.0	3.5	538.7	543.4	532.2	.	531.4
Oman	357	342	73.2	26.8	0.6	0.0	2.8	432.6	427.9	399.2	.	423.4
Poland	254	254	100.0	0.0	0.0	0.0	0.0	547.2	.	.	.	.
Portugal	322	295	25.4	74.6	5.1	0.0	3.4	506.8	509.3	502.5	.	500.5
Qatar	227	221	74.4	25.6	0.0	0.0	3.3	436.5	437.6	.	.	420.5
Russian Federation	217	217	74.9	25.1	0.0	0.0	0.0	566.4	569.4	.	.	.
Saudi Arabia	189	184	77.9	22.1	0.5	0.0	1.6	388.5	394.3	351.8	.	434.7
Serbia	192	184	72.4	27.6	0.0	0.0	4.2	526.5	518.9	.	.	527.5
Singapore	358	351	90.2	9.8	1.5	0.0	0.7	589.6	600.9	598.2	.	534.6
Slovak Republic	328	323	96.2	3.8	1.1	0.0	0.4	519.8	529.0	549.3	.	521.9
Slovenia	256	241	80.0	20.0	5.4	0.0	0.5	542.9	544.6	533.3	.	517.7
Spain	393	366	45.8	54.2	4.1	0.0	1.4	523.5	513.7	519.3	.	516.0
Sweden	212	198	94.1	5.9	3.4	0.0	2.4	539.8	552.6	532.4	.	538.8
Turkey	251	249	90.9	9.1	0.0	0.0	0.9	485.4	462.3	.	.	494.4
United Arab Emirates	840	701	75.6	24.4	8.8	0.0	3.8	457.3	447.2	414.4	.	455.1
United States	492	429	86.9	13.1	12.7	0.0	1.1	547.6	533.8	547.0	.	540.7
International Avg (n=47)	13512	12559	76.8	23.2	4.3	0.0	1.7	507.0	502.2	495.6	.	490.9
Buenos Aires, Argentina	291	124	70.0	30.0	53.9	0.0	2.7	419.4	422.2	416.8	.	398.6
Ontario, Canada	275	235	77.4	22.6	7.2	0.0	6.1	532.4	526.8	516.1	.	536.4
Quebec, Canada	151	138	84.2	15.8	5.9	0.0	2.5	521.1	536.2	533.6	.	541.1
Norway (4)	223	186	82.7	17.3	12.4	0.0	2.2	493.1	492.3	491.7	.	501.2
Abu Dhabi, UAE	212	179	66.5	33.5	10.1	0.0	1.1	425.0	400.7	399.5	.	379.6
Dubai, UAE	290	243	73.1	26.9	8.1	0.0	5.5	529.9	515.8	442.3	.	500.6
Florida, US	120	92	74.3	25.7	20.6	0.0	1.6	549.4	553.6	542.1	.	536.7

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

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	411	8.8	0.0	4.8	85.4	60.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	150.0	360.0
Bahrain	345	310	2.5	0.0	11.7	172.6	165.0	3.0	105.0	120.0	150.0	165.0	180.0	240.0	250.0	405.0
Belgium (Flemish)	295	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Bulgaria	233	223	0.0	0.0	3.7	77.2	60.0	25.0	40.0	40.0	60.0	70.0	80.0	120.0	120.0	360.0
Canada	699	611	6.4	0.0	6.2	130.9	120.0	0.0	54.0	60.0	80.0	120.0	180.0	210.0	250.0	400.0
Chile	180	147	6.9	0.0	9.0	145.6	135.0	2.0	90.0	120.0	135.0	135.0	180.0	180.0	180.0	315.0
Chinese Taipei	178	176	0.0	0.0	1.0	122.3	120.0	40.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	480.0
Croatia	223	220	1.5	0.0	0.0	138.8	135.0	0.0	120.0	135.0	135.0	135.0	135.0	150.0	180.0	400.0
Cyprus	242	229	1.1	0.0	4.5	81.1	80.0	20.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	280.0
Czech Republic	265	263	0.8	0.0	0.0	58.7	90.0	1.0	1.0	2.0	2.0	68.0	90.0	90.0	120.0	180.0
Denmark	196	164	12.3	0.0	2.2	120.0	135.0	43.0	60.0	80.0	90.0	135.0	135.0	150.0	180.0	420.0
England	214	173	15.0	0.0	2.1	96.8	120.0	30.0	50.0	60.0	60.0	90.0	120.0	140.0	160.0	360.0
Finland	341	327	4.3	0.0	0.1	129.6	135.0	0.0	70.0	90.0	120.0	135.0	135.0	180.0	180.0	300.0
France	273	243	5.7	0.0	5.6	88.3	60.0	20.0	45.0	45.0	60.0	90.0	120.0	120.0	130.0	420.0
Georgia	188	172	0.7	0.0	8.0	140.7	135.0	45.0	90.0	135.0	135.0	135.0	135.0	180.0	190.0	540.0
Germany	226	159	10.8	0.0	19.2	94.4	45.0	10.0	15.0	25.0	45.0	85.0	135.0	180.0	225.0	450.0
Hong Kong SAR	148	51	1.1	0.0	63.5	140.4	175.0	15.0	35.0	40.0	100.0	150.0	175.0	240.0	250.0	250.0
Hungary	244	238	1.1	0.0	1.2	103.2	90.0	45.0	45.0	68.0	90.0	90.0	110.0	150.0	180.0	360.0
Indonesia	293	275	0.3	0.0	5.7	169.0	140.0	3.0	70.0	105.0	140.0	150.0	210.0	240.0	300.0	420.0
Iran, Islamic Rep. of	291	288	0.0	0.0	0.5	157.3	135.0	1.0	110.0	130.0	135.0	150.0	180.0	200.0	240.0	490.0
Ireland	214	207	0.0	0.0	2.6	52.7	60.0	15.0	30.0	30.0	40.0	60.0	60.0	60.0	65.0	180.0
Italy	257	242	3.9	0.0	1.7	121.8	120.0	2.0	60.0	100.0	120.0	120.0	120.0	150.0	180.0	360.0
Japan	157	154	0.3	0.0	1.1	135.5	135.0	120.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	180.0
Kazakhstan	239	227	1.2	0.0	4.0	103.9	90.0	1.0	45.0	90.0	90.0	90.0	90.0	135.0	180.0	450.0
Korea, Rep. of	182	181	0.6	0.0	0.0	117.4	120.0	40.0	80.0	80.0	120.0	120.0	120.0	120.0	120.0	200.0
Kuwait	294	233	7.9	0.0	16.3	122.5	120.0	2.0	20.0	30.0	99.0	120.0	135.0	225.0	225.0	350.0
Lithuania	291	284	1.1	0.0	0.2	96.8	90.0	2.0	90.0	90.0	90.0	90.0	90.0	120.0	135.0	400.0
Morocco	367	299	5.8	0.0	14.3	87.0	90.0	1.0	60.0	60.0	90.0	90.0	90.0	90.0	100.0	415.0
Netherlands	223	165	22.3	0.0	1.9	49.3	60.0	2.0	20.0	30.0	30.0	45.0	60.0	60.0	75.0	180.0
New Zealand	461	395	2.5	0.0	11.3	66.2	60.0	0.0	15.0	20.0	30.0	60.0	90.0	120.0	180.0	400.0
Northern Ireland	154	120	17.4	0.0	5.2	58.0	30.0	10.0	30.0	30.0	30.0	45.0	60.0	120.0	150.0	210.0
Norway (5)	227	179	16.9	0.0	3.7	93.8	90.0	0.0	60.0	60.0	90.0	90.0	105.0	120.0	120.0	240.0
Oman	357	309	0.6	0.0	12.2	212.7	200.0	1.0	120.0	160.0	200.0	200.0	225.0	280.0	350.0	455.0
Poland	254	252	0.0	0.0	0.6	136.2	135.0	90.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	495.0
Portugal	322	282	5.1	0.0	6.8	195.9	180.0	2.0	60.0	80.0	180.0	200.0	240.0	300.0	300.0	450.0
Qatar	227	211	0.0	0.0	7.2	199.1	200.0	2.0	60.0	100.0	150.0	200.0	240.0	280.0	300.0	600.0
Russian Federation	217	209	0.0	0.0	3.2	86.3	90.0	40.0	45.0	60.0	80.0	90.0	90.0	90.0	120.0	240.0
Saudi Arabia	189	161	0.5	0.0	14.7	112.6	90.0	9.0	45.0	70.0	90.0	90.0	130.0	180.0	225.0	450.0
Serbia	192	174	0.0	0.0	9.0	125.9	90.0	15.0	45.0	90.0	90.0	90.0	135.0	270.0	315.0	500.0
Singapore	358	351	1.5	0.0	0.7	138.2	120.0	2.0	120.0	120.0	120.0	120.0	150.0	180.0	200.0	600.0
Slovak Republic	328	323	1.1	0.0	0.4	81.9	90.0	15.0	45.0	45.0	45.0	90.0	90.0	120.0	150.0	400.0
Slovenia	256	242	5.4	0.0	0.2	136.9	135.0	0.0	125.0	135.0	135.0	135.0	135.0	135.0	180.0	360.0
Spain	393	358	4.1	0.0	3.9	209.8	240.0	50.0	100.0	135.0	180.0	210.0	240.0	270.0	300.0	500.0
Sweden	212	190	3.4	0.0	5.7	131.7	120.0	40.0	75.0	90.0	120.0	130.0	150.0	160.0	180.0	240.0
Turkey	251	248	0.0	0.0	1.1	138.3	120.0	9.0	120.0	120.0	120.0	120.0	160.0	180.0	240.0	300.0
United Arab Emirates	840	631	8.8	0.0	10.9	179.4	180.0	4.0	60.0	100.0	160.0	180.0	200.0	240.0	300.0	540.0
United States	492	412	12.7	0.0	3.8	164.8	150.0	6.0	45.0	60.0	100.0	150.0	200.0	300.0	300.0	600.0
International Avg (n=46)	13512	11719	4.4	0.0	6.3	121.9	116.1	17.7	67.1	81.7	101.4	117.1	136.4	166.6	190.1	380.1
Buenos Aires, Argentina	291	120	53.9	0.0	4.2	185.8	120.0	2.0	80.0	90.0	120.0	160.0	240.0	300.0	350.0	560.0
Ontario, Canada	275	229	7.2	0.0	10.1	140.5	120.0	0.0	60.0	80.0	100.0	120.0	180.0	200.0	240.0	300.0
Quebec, Canada	151	135	6.0	0.0	3.1	72.2	60.0	0.0	30.0	30.0	60.0	60.0	90.0	120.0	120.0	300.0
Norway (4)	223	184	12.4	0.0	3.3	75.1	60.0	0.0	45.0	45.0	60.0	60.0	90.0	120.0	135.0	200.0
Abu Dhabi, UAE	212	169	10.1	0.0	6.9	182.3	180.0	15.0	60.0	100.0	160.0	180.0	225.0	240.0	270.0	360.0
Dubai, UAE	290	219	8.1	0.0	9.6	181.1	200.0	30.0	60.0	100.0	150.0	180.0	200.0	280.0	320.0	375.0
Florida, US	120	88	20.6	0.0	4.3	170.4	150.0	5.0	60.0	60.0	100.0	150.0	225.0	300.0	300.0	600.0

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Inspiring students to learn science  
 Location: TQS-02a (ATBS02A)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	18.3	46.6	32.0	3.2	8.8	0.0	2.8	533.1	526.7	525.2	500.8	499.5	.	506.4
Bahrain	345	337	72.5	25.2	2.3	0.0	2.5	0.0	0.4	460.8	455.8	460.1	.	427.2	.	486.2
Belgium (Flemish)	295	288	28.4	52.8	18.3	0.5	1.2	0.0	0.3	509.7	511.9	514.7	480.5	500.5	.	518.6
Bulgaria	233	232	50.2	46.7	3.1	0.0	0.0	0.0	0.1	546.4	525.4	516.0	.	.	.	618.0
Canada	699	625	27.8	46.5	25.4	0.3	6.4	0.0	3.7	522.7	522.6	529.3	518.9	523.5	.	538.9
Chile	180	162	61.7	33.4	4.8	0.2	6.9	0.0	1.1	480.8	476.0	467.1	496.8	473.8	.	427.1
Chinese Taipei	178	178	29.9	49.1	21.0	0.0	0.0	0.0	0.0	557.2	555.7	551.7	.	.	.	.
Croatia	223	220	61.0	36.4	2.7	0.0	1.5	0.0	0.0	534.2	532.2	533.4	.	531.0	.	.
Cyprus	242	234	37.8	51.6	10.6	0.0	1.1	0.0	2.2	479.7	482.5	469.9	.	494.5	.	527.0
Czech Republic	265	262	25.9	57.8	16.3	0.0	0.8	0.0	1.0	534.1	534.1	535.1	.	542.1	.	539.2
Denmark	196	167	38.4	43.9	16.5	1.1	12.3	0.0	0.5	531.8	523.0	525.6	527.9	530.0	.	481.9
England	214	176	27.8	53.3	17.2	1.7	15.0	0.0	0.2	549.3	531.7	544.6	494.5	522.3	.	553.6
Finland	341	324	38.6	53.6	7.9	0.0	4.3	0.0	0.4	550.6	556.0	557.4	.	557.1	.	484.2
France	273	257	23.0	57.2	19.4	0.5	5.7	0.0	0.7	483.4	489.7	488.8	496.3	472.7	.	510.9
Georgia	188	186	47.2	51.4	1.4	0.0	0.7	0.0	0.8	457.1	446.0	446.8	.	438.4	.	460.3
Germany	226	193	29.1	50.2	20.0	0.6	10.8	0.0	2.9	524.1	531.2	528.7	545.1	534.0	.	500.9
Hong Kong SAR	148	140	15.9	53.9	27.2	3.0	1.1	0.0	4.4	563.8	556.5	555.5	509.8	549.3	.	570.2
Hungary	244	238	41.0	50.5	8.5	0.0	1.1	0.0	1.2	541.3	548.5	505.2	.	588.9	.	507.3
Indonesia	293	292	45.7	45.1	9.2	0.0	0.3	0.0	0.0	398.3	401.6	366.9	.	305.8	.	.
Iran, Islamic Rep. of	291	289	66.9	30.8	2.3	0.0	0.0	0.0	0.5	419.7	420.9	463.8	.	.	.	413.5
Ireland	214	213	16.9	51.9	28.1	3.1	0.0	0.0	0.2	532.3	528.8	527.0	530.3	.	.	495.8
Italy	257	243	29.6	57.3	13.1	0.0	3.9	0.0	1.7	512.8	518.4	518.5	.	517.3	.	500.0
Japan	157	154	6.3	37.2	52.4	4.2	0.3	0.0	1.1	568.0	571.7	566.9	576.5	545.1	.	560.5
Kazakhstan	239	234	42.1	54.4	3.5	0.0	0.5	0.0	1.9	560.5	543.1	516.2	.	529.8	.	559.1
Korea, Rep. of	182	181	49.5	44.0	6.5	0.0	0.6	0.0	0.0	594.3	586.0	573.1	.	594.1	.	.
Kuwait	294	277	71.5	25.3	2.9	0.3	7.9	0.0	0.8	341.3	331.5	326.4	357.4	322.9	.	334.7
Lithuania	291	285	39.2	54.9	5.9	0.0	1.1	0.0	0.0	527.2	530.2	514.4	.	492.7	.	374.7
Morocco	367	316	49.7	46.5	3.8	0.0	6.0	0.0	7.1	361.2	342.5	335.7	316.2	338.6	.	372.0
Netherlands	223	170	15.0	43.8	39.6	1.6	21.4	0.0	0.4	520.5	516.3	516.6	530.0	516.1	.	544.1
New Zealand	461	439	16.7	40.9	38.0	4.5	2.5	0.0	1.1	514.3	513.6	498.5	471.2	494.2	.	482.7
Northern Ireland	154	129	10.1	52.5	33.3	4.1	17.4	0.0	1.2	510.0	527.5	513.3	516.6	514.8	.	538.5
Norway	227	179	34.3	47.5	16.8	1.4	16.9	0.0	3.5	536.0	538.8	542.9	570.9	532.2	.	533.0
Oman	357	345	61.1	36.0	2.9	0.0	0.6	0.0	2.1	428.6	434.9	431.7	.	399.2	.	440.9
Poland	254	253	44.9	52.9	2.3	0.0	0.0	0.0	0.3	553.9	542.7	515.2	.	.	.	569.8
Portugal	322	306	54.6	38.5	6.4	0.5	5.1	0.0	0.5	509.7	509.0	493.7	512.8	502.5	.	495.9
Qatar	227	223	82.1	15.2	2.6	0.1	0.0	0.0	2.3	434.1	449.9	413.6	561.6	.	.	444.5
Russian Federation	217	217	38.3	59.5	1.7	0.5	0.0	0.0	0.0	564.6	569.5	560.3	515.2	.	.	.
Saudi Arabia	189	186	76.7	20.7	2.6	0.0	0.5	0.0	1.0	393.6	397.7	268.6	.	351.8	.	319.9
Serbia	192	192	36.0	56.0	8.0	0.0	0.0	0.0	0.0	531.4	525.1	489.5	.	.	.	.
Singapore	358	351	26.7	56.2	16.2	0.9	1.5	0.0	0.7	592.1	594.4	577.6	559.0	598.2	.	534.6
Slovak Republic	328	315	34.5	56.6	8.9	0.0	1.1	0.0	3.0	523.1	520.4	507.1	.	549.3	.	521.8
Slovenia	256	238	33.9	56.5	9.6	0.0	5.4	0.0	0.9	542.0	543.1	547.1	.	533.3	.	541.1
Spain	393	372	41.0	48.9	10.2	0.0	4.1	0.0	0.7	519.5	516.6	520.6	499.8	519.3	.	512.1
Sweden	212	202	33.3	50.3	15.9	0.5	3.4	0.0	1.0	544.3	537.8	541.3	543.0	532.4	.	531.9
Turkey	251	249	33.6	57.4	9.0	0.0	0.0	0.0	0.9	490.1	483.3	460.9	.	.	.	464.9
United Arab Emirates	840	719	61.1	34.1	4.4	0.3	8.8	0.0	1.9	461.9	448.6	425.6	307.8	414.4	.	434.9
United States	492	416	37.7	39.9	21.8	0.6	12.7	0.0	3.2	544.1	550.3	538.1	517.5	547.0	.	562.8
International Avg (n=47)	13512	12621	39.6	46.2	13.5	0.7	4.3	0.0	1.3	508.3	506.4	496.3	498.2	495.7	.	495.5
Buenos Aires, Argentina	291	125	49.6	45.9	4.5	0.0	53.9	0.0	2.5	424.8	416.7	409.9	.	416.8	.	395.2
Ontario, Canada	275	238	26.0	46.4	27.4	0.2	7.2	0.0	5.4	528.3	529.3	536.4	520.0	516.1	.	539.6
Quebec, Canada	151	137	24.2	46.4	29.0	0.4	5.9	0.0	3.3	522.0	523.5	524.7	505.8	533.6	.	538.3
Norway (4)	223	184	27.2	59.2	13.2	0.4	12.4	0.0	3.0	489.9	495.3	490.2	527.2	491.7	.	490.6
Abu Dhabi, UAE	212	180	60.9	31.9	6.2	1.0	10.1	0.0	0.2	434.3	396.9	357.5	307.8	399.5	.	437.7
Dubai, UAE	290	246	61.3	33.3	5.3	0.0	8.1	0.0	2.7	530.4	518.4	534.5	.	442.3	.	456.2
Florida, US	120	92	39.1	37.3	17.3	6.3	20.6	0.0	1.6	548.8	555.2	554.4	522.8	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Explaining science concepts or principles by doing science experiments  
 Location: TQS-02b (ATBS02B)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	418	12.1	40.4	42.4	5.1	8.8	0.0	2.8	529.6	527.7	526.3	513.2	499.5	.	506.6
Bahrain	345	337	50.8	34.8	13.4	1.0	2.5	0.0	0.4	468.0	456.0	434.2	487.6	427.2	.	486.2
Belgium (Flemish)	295	288	12.7	35.9	46.7	4.6	1.2	0.0	0.3	527.7	504.1	513.3	508.5	500.5	.	518.6
Bulgaria	233	232	17.1	48.7	32.0	2.2	0.0	0.0	0.1	549.2	531.3	537.7	495.3	.	.	618.0
Canada	699	625	20.1	40.3	34.7	4.9	6.4	0.0	3.7	524.0	522.5	525.8	529.7	523.5	.	538.9
Chile	180	162	34.4	50.1	15.5	0.0	6.9	0.0	1.1	475.9	478.7	484.4	.	473.8	.	427.1
Chinese Taipei	178	178	40.6	50.5	8.9	0.0	0.0	0.0	0.0	555.4	555.3	554.3	.	.	.	.
Croatia	223	220	26.4	47.3	25.5	0.7	1.5	0.0	0.0	535.5	532.5	533.6	520.0	531.0	.	.
Cyprus	242	234	38.1	48.6	13.3	0.0	1.1	0.0	2.2	479.9	481.2	476.5	.	494.5	.	527.0
Czech Republic	265	260	8.6	26.8	55.6	9.0	0.8	0.0	1.6	539.6	534.7	534.3	528.2	542.1	.	532.7
Denmark	196	166	19.5	45.0	27.2	8.3	12.3	0.0	1.1	517.5	530.2	528.5	527.7	530.0	.	491.7
England	214	176	24.0	52.4	22.8	0.8	15.0	0.0	0.2	551.9	533.8	534.3	522.1	522.3	.	553.6
Finland	341	321	22.7	45.0	29.9	2.3	4.3	0.0	1.0	550.0	552.0	559.8	561.3	557.1	.	513.1
France	273	257	14.0	33.5	47.3	5.2	5.7	0.0	0.7	485.4	489.0	489.1	481.2	472.7	.	510.9
Georgia	188	187	24.2	52.9	22.9	0.0	0.7	0.0	0.0	458.7	444.6	459.3	.	438.4	.	.
Germany	226	194	10.2	48.8	37.1	4.0	10.8	0.0	2.4	523.5	528.8	528.5	540.3	534.0	.	499.0
Hong Kong SAR	148	140	19.7	45.3	30.8	4.3	1.1	0.0	4.4	587.5	544.3	557.0	527.5	549.3	.	570.2
Hungary	244	238	21.8	43.8	30.7	3.7	1.1	0.0	1.2	530.6	551.1	542.7	492.4	588.9	.	507.3
Indonesia	293	292	22.0	47.4	28.6	2.0	0.3	0.0	0.0	421.1	397.4	380.8	351.3	305.8	.	.
Iran, Islamic Rep. of	291	290	52.5	36.8	10.1	0.6	0.0	0.0	0.2	430.7	416.7	379.8	494.6	.	.	497.2
Ireland	214	213	11.0	47.5	34.9	6.6	0.0	0.0	0.2	540.8	533.3	519.7	526.3	.	.	495.8
Italy	257	241	14.1	40.8	43.5	1.6	3.9	0.0	2.8	509.7	516.9	518.4	541.6	517.3	.	498.6
Japan	157	154	3.7	36.4	56.1	3.8	0.3	0.0	1.1	566.7	569.2	570.0	559.1	545.1	.	560.5
Kazakhstan	239	233	26.0	52.0	22.0	0.0	0.5	0.0	2.4	546.3	553.6	542.1	.	529.8	.	569.0
Korea, Rep. of	182	181	60.3	34.0	5.2	0.4	0.6	0.0	0.0	592.7	585.6	576.7	557.6	594.1	.	.
Kuwait	294	277	56.9	35.9	6.5	0.7	7.9	0.0	0.8	343.0	331.3	327.0	448.3	322.9	.	334.7
Lithuania	291	283	18.0	55.3	26.7	0.0	1.1	0.0	0.6	522.3	529.5	528.8	.	492.7	.	537.3
Morocco	367	317	23.6	42.9	28.1	5.5	6.0	0.0	6.8	352.5	359.9	343.3	328.4	338.6	.	369.6
Netherlands	223	170	2.8	22.2	51.9	23.0	21.4	0.0	0.4	513.7	522.9	517.2	512.3	516.1	.	544.1
New Zealand	461	439	11.2	34.3	48.6	5.9	2.5	0.0	1.1	514.5	511.1	502.6	489.3	494.2	.	482.7
Northern Ireland	154	129	9.3	41.4	40.7	8.5	17.4	0.0	1.2	520.5	524.1	515.8	526.1	514.8	.	538.5
Norway	227	179	17.1	36.0	41.9	5.0	16.9	0.0	3.5	536.7	540.4	538.6	538.7	532.2	.	533.0
Oman	357	346	67.4	28.7	3.9	0.0	0.6	0.0	1.9	433.8	425.7	419.9	.	399.2	.	442.7
Poland	254	254	38.1	51.2	10.4	0.2	0.0	0.0	0.0	547.2	546.7	549.7	557.5	.	.	.
Portugal	322	306	20.9	44.2	32.6	2.4	5.1	0.0	0.5	509.2	504.6	511.3	532.1	502.5	.	495.9
Qatar	227	224	58.5	28.7	12.8	0.0	0.0	0.0	2.1	427.4	442.7	460.2	.	.	.	448.0
Russian Federation	217	217	18.7	73.9	7.4	0.0	0.0	0.0	0.0	566.2	567.3	568.4	.	.	.	.
Saudi Arabia	189	187	48.8	37.2	11.3	2.7	0.5	0.0	0.3	393.2	392.2	385.8	339.6	351.8	.	390.4
Serbia	192	192	17.8	50.4	29.9	1.9	0.0	0.0	0.0	529.8	528.8	522.5	394.5	.	.	.
Singapore	358	351	35.5	54.1	10.4	0.0	1.5	0.0	0.7	603.6	588.0	561.5	.	598.2	.	534.6
Slovak Republic	328	315	18.7	46.9	33.5	0.9	1.1	0.0	3.0	526.1	522.5	514.6	472.9	549.3	.	521.8
Slovenia	256	238	24.9	57.7	17.0	0.3	5.4	0.0	0.9	538.6	544.6	544.6	541.9	533.3	.	541.1
Spain	393	372	10.1	31.7	47.0	11.2	4.1	0.0	0.1	525.0	516.2	519.3	512.6	519.3	.	533.0
Sweden	212	202	14.1	46.4	36.8	2.6	3.4	0.0	1.0	538.4	536.9	546.5	533.5	532.4	.	531.9
Turkey	251	250	20.3	45.3	28.1	6.3	0.0	0.0	0.2	498.0	485.8	481.1	436.2	.	.	297.4
United Arab Emirates	840	719	47.2	41.7	9.8	1.3	8.8	0.0	1.9	466.4	449.9	425.7	441.7	414.4	.	434.9
United States	492	415	27.6	37.1	30.1	5.3	12.7	0.0	3.3	544.5	550.1	541.1	533.2	547.0	.	564.7
International Avg (n=47)	13512	12619	25.8	43.2	27.7	3.3	4.3	0.0	1.3	509.5	506.2	502.8	497.4	495.7	.	500.0
Buenos Aires, Argentina	291	125	35.9	33.8	26.5	3.8	53.9	0.0	2.5	421.6	419.6	420.5	416.6	416.8	.	395.2
Ontario, Canada	275	238	19.1	41.3	34.9	4.8	7.2	0.0	5.4	533.7	531.6	526.9	544.2	516.1	.	539.6
Quebec, Canada	151	137	15.3	32.5	43.5	8.7	5.9	0.0	3.3	522.3	524.2	525.5	512.0	533.6	.	538.3
Norway (4)	223	184	10.4	38.6	46.2	4.8	12.4	0.0	3.0	490.9	496.4	490.0	504.5	491.7	.	490.6
Abu Dhabi, UAE	212	180	35.4	51.4	10.7	2.5	10.1	0.0	0.2	437.2	418.3	343.8	394.5	399.5	.	437.7
Dubai, UAE	290	246	48.1	38.3	12.4	1.2	8.1	0.0	2.7	529.8	522.8	524.1	546.1	442.3	.	456.2
Florida, US	120	92	27.4	38.1	26.8	7.7	20.6	0.0	1.6	537.8	561.7	550.6	539.8	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Providing challenging tasks  
 for the highest achieving students  
 Location: TQS-02c (ATBS02C)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	418	8.8	34.4	46.2	10.5	8.8	0.0	2.8	521.7	529.8	525.1	526.3	499.5	.	506.6
Bahrain	345	337	31.2	54.5	13.8	0.4	2.5	0.0	0.4	463.5	455.6	466.7	440.0	427.2	.	486.2
Belgium (Flemish)	295	288	5.0	22.7	52.3	20.0	1.2	0.0	0.3	503.9	516.8	511.9	506.8	500.5	.	518.6
Bulgaria	233	231	25.3	60.3	14.4	0.0	0.0	0.0	0.8	548.4	537.7	510.6	.	.	.	438.0
Canada	699	625	11.0	32.0	46.8	10.2	6.4	0.0	3.7	528.1	518.9	527.3	523.3	523.5	.	538.9
Chile	180	162	32.1	50.2	17.8	0.0	6.9	0.0	1.1	474.6	475.8	493.8	.	473.8	.	427.1
Chinese Taipei	178	178	8.3	38.5	39.7	13.5	0.0	0.0	0.0	550.1	555.7	555.0	558.3	.	.	.
Croatia	223	220	17.9	50.9	29.5	1.6	1.5	0.0	0.0	535.7	533.0	532.1	549.2	531.0	.	.
Cyprus	242	234	16.9	40.9	38.6	3.6	1.1	0.0	2.2	483.1	480.6	478.8	473.4	494.5	.	527.0
Czech Republic	265	262	8.5	33.9	47.3	10.3	0.8	0.0	1.0	534.0	534.5	534.6	532.3	542.1	.	539.2
Denmark	196	166	12.9	40.9	37.0	9.2	12.3	0.0	1.1	524.6	525.2	529.3	531.4	530.0	.	482.0
England	214	176	16.1	40.7	37.5	5.8	15.0	0.0	0.2	552.4	535.0	537.0	528.4	522.3	.	553.6
Finland	341	323	19.7	46.0	30.8	3.5	4.3	0.0	0.7	551.6	552.3	555.5	576.0	557.1	.	511.7
France	273	256	4.2	14.1	50.4	31.3	5.7	0.0	1.1	484.6	475.5	490.4	491.3	472.7	.	483.6
Georgia	188	186	16.9	55.9	26.7	0.5	0.7	0.0	0.6	483.3	439.5	456.0	492.3	438.4	.	418.4
Germany	226	193	9.6	40.4	45.9	4.0	10.8	0.0	2.9	517.7	528.8	530.0	539.4	534.0	.	500.9
Hong Kong SAR	148	141	8.7	40.1	47.1	4.0	1.1	0.0	3.6	585.0	562.5	548.5	515.3	549.3	.	574.2
Hungary	244	238	26.3	43.7	29.3	0.6	1.1	0.0	1.2	533.9	545.5	543.3	559.2	588.9	.	507.3
Indonesia	293	292	21.1	46.7	30.1	2.1	0.3	0.0	0.0	404.5	400.7	390.1	334.8	305.8	.	.
Iran, Islamic Rep. of	291	290	37.1	38.5	23.0	1.4	0.0	0.0	0.2	431.0	410.3	419.3	466.1	.	.	497.2
Ireland	214	213	4.4	30.2	50.9	14.5	0.0	0.0	0.2	532.2	530.4	530.2	520.6	.	.	495.8
Italy	257	241	5.5	36.2	42.1	16.2	3.9	0.0	2.7	502.5	516.3	520.7	512.6	517.3	.	504.2
Japan	157	154	1.4	17.5	52.8	28.3	0.3	0.0	1.1	557.1	566.6	571.2	567.6	545.1	.	560.5
Kazakhstan	239	234	36.9	54.3	8.9	0.0	0.5	0.0	1.9	559.7	545.5	531.4	.	529.8	.	559.1
Korea, Rep. of	182	181	28.8	36.2	30.2	4.9	0.6	0.0	0.0	592.4	591.5	585.6	577.2	594.1	.	.
Kuwait	294	276	39.0	42.6	16.4	2.1	7.9	0.0	1.1	343.9	331.0	341.1	379.3	322.9	.	314.4
Lithuania	291	285	16.6	59.0	24.3	0.0	1.1	0.0	0.0	520.8	528.8	531.5	.	492.7	.	374.7
Morocco	367	316	9.5	50.6	32.7	7.2	6.0	0.0	7.1	334.3	356.2	351.9	340.0	338.6	.	371.7
Netherlands	223	170	3.9	15.3	52.6	28.3	21.4	0.0	0.4	522.8	520.0	517.7	514.2	516.1	.	544.1
New Zealand	461	438	8.0	27.2	55.1	9.7	2.5	0.0	1.2	523.1	510.2	503.7	494.8	494.2	.	476.6
Northern Ireland	154	129	4.9	31.3	46.8	16.9	17.4	0.0	1.2	525.5	520.3	516.5	530.8	514.8	.	538.5
Norway	227	179	10.2	28.6	56.5	4.8	16.9	0.0	3.5	532.4	542.7	537.1	551.8	532.2	.	533.0
Oman	357	346	42.7	51.2	6.1	0.0	0.6	0.0	1.9	432.3	430.1	428.1	.	399.2	.	442.7
Poland	254	251	17.4	54.7	26.3	1.6	0.0	0.0	1.0	544.4	550.4	542.3	539.3	.	.	561.2
Portugal	322	306	25.7	47.3	26.1	0.9	5.1	0.0	0.5	510.1	505.2	513.5	485.9	502.5	.	495.9
Qatar	227	224	41.6	43.8	14.4	0.2	0.0	0.0	2.1	432.9	431.3	460.0	385.8	.	.	448.0
Russian Federation	217	217	19.6	73.1	6.8	0.5	0.0	0.0	0.0	565.1	569.6	549.7	530.6	.	.	.
Saudi Arabia	189	187	36.3	43.0	18.1	2.6	0.5	0.0	0.3	391.4	398.1	377.7	341.7	351.8	.	390.4
Serbia	192	191	21.4	40.8	35.4	2.4	0.0	0.0	0.8	523.2	529.4	526.6	431.0	.	.	492.8
Singapore	358	351	11.8	48.7	33.8	5.7	1.5	0.0	0.7	611.8	598.9	581.1	535.1	598.2	.	534.6
Slovak Republic	328	315	13.4	38.2	41.9	6.6	1.1	0.0	3.0	522.8	526.6	515.4	507.5	549.3	.	521.8
Slovenia	256	238	25.2	51.2	22.5	1.1	5.4	0.0	0.9	542.7	541.0	548.5	538.3	533.3	.	541.1
Spain	393	372	10.8	43.2	41.7	4.3	4.1	0.0	0.4	524.9	516.1	517.2	531.9	519.3	.	517.5
Sweden	212	202	10.5	25.5	54.9	9.1	3.4	0.0	1.0	542.0	534.8	541.7	548.2	532.4	.	531.9
Turkey	251	250	15.4	42.4	38.0	4.2	0.0	0.0	0.2	492.1	484.4	480.8	475.5	.	.	297.4
United Arab Emirates	840	719	36.3	44.3	18.1	1.3	8.8	0.0	1.9	467.4	456.3	424.1	512.7	414.4	.	434.9
United States	492	416	20.1	33.1	40.9	5.9	12.7	0.0	3.1	547.0	547.6	544.0	532.6	547.0	.	562.5
International Avg (n=47)	13512	12617	18.2	41.2	34.0	6.6	4.3	0.0	1.3	508.7	506.2	504.8	500.7	495.7	.	489.4
Buenos Aires, Argentina	291	124	23.0	41.1	31.6	4.3	53.9	0.0	2.8	425.2	417.5	419.1	429.8	416.8	.	399.6
Ontario, Canada	275	238	10.4	34.6	51.1	3.9	7.2	0.0	5.4	541.0	526.7	530.8	544.3	516.1	.	539.6
Quebec, Canada	151	137	8.3	19.7	47.6	24.4	5.9	0.0	3.3	529.5	517.7	525.3	522.2	533.6	.	538.3
Norway (4)	223	184	7.7	29.4	56.5	6.4	12.4	0.0	3.0	482.6	495.1	492.3	506.1	491.7	.	490.6
Abu Dhabi, UAE	212	180	29.2	39.9	28.5	2.4	10.1	0.0	0.2	443.4	414.3	386.8	472.3	399.5	.	437.7
Dubai, UAE	290	246	44.7	43.1	10.6	1.6	8.1	0.0	2.7	518.3	535.3	517.6	587.1	442.3	.	456.2
Florida, US	120	91	18.9	35.9	32.6	12.7	20.6	0.0	2.7	549.3	550.1	552.4	547.4	542.1	.	546.0

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Adapting my teaching to engage students' interest  
 Location: TQS-02d (ATBS02D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	Not Admini stered %	Not Applic able %	Omitte d %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	418	16.8	53.8	26.3	3.2	8.8	0.0	2.8	526.2	529.5	524.3	496.9	499.5	.	506.6
Bahrain	345	337	54.7	37.3	8.0	0.0	2.5	0.0	0.4	462.2	461.4	432.4	.	427.2	.	486.2
Belgium (Flemish)	295	288	23.3	47.3	28.7	0.8	1.2	0.0	0.3	509.0	505.0	524.2	529.7	500.5	.	518.6
Bulgaria	233	232	35.6	54.7	9.6	0.0	0.0	0.0	0.1	549.7	527.1	532.0	.	.	.	618.0
Canada	699	625	25.0	54.0	19.9	1.0	6.4	0.0	3.7	522.2	525.8	523.9	504.2	523.5	.	538.9
Chile	180	162	56.9	38.8	4.4	0.0	6.9	0.0	1.1	476.8	484.5	450.0	.	473.8	.	427.1
Chinese Taipei	178	178	36.3	48.8	14.8	0.0	0.0	0.0	0.0	552.5	557.8	554.0	.	.	.	.
Croatia	223	220	38.0	52.3	9.0	0.7	1.5	0.0	0.0	534.6	530.7	541.6	575.3	531.0	.	.
Cyprus	242	233	30.7	57.7	11.5	0.0	1.1	0.0	3.2	479.8	481.8	473.4	.	494.5	.	509.3
Czech Republic	265	262	23.6	63.5	12.9	0.0	0.8	0.0	1.0	537.9	531.5	541.1	.	542.1	.	539.2
Denmark	196	167	23.2	55.5	21.2	0.0	12.3	0.0	0.5	526.8	527.4	525.5	.	530.0	.	481.9
England	214	176	26.6	57.8	15.6	0.0	15.0	0.0	0.2	543.5	537.5	531.5	.	522.3	.	553.6
Finland	341	323	21.7	55.5	20.5	2.2	4.3	0.0	0.7	550.3	554.2	554.9	576.9	557.1	.	511.7
France	273	257	16.0	52.8	28.8	2.4	5.7	0.0	0.7	490.4	489.4	486.1	470.2	472.7	.	510.9
Georgia	188	185	31.2	65.5	3.3	0.0	0.7	0.0	0.7	468.6	444.3	433.0	.	438.4	.	429.0
Germany	226	193	27.4	56.3	15.7	0.6	10.8	0.0	2.9	525.3	530.6	527.1	545.1	534.0	.	500.9
Hong Kong SAR	148	141	8.5	59.4	31.3	0.8	1.1	0.0	3.6	564.9	558.6	550.1	497.9	549.3	.	574.2
Hungary	244	237	41.5	52.5	6.0	0.0	1.1	0.0	1.5	540.3	542.5	548.0	.	588.9	.	510.8
Indonesia	293	292	31.5	53.8	14.5	0.3	0.3	0.0	0.0	404.4	398.7	374.4	392.4	305.8	.	.
Iran, Islamic Rep. of	291	290	42.5	47.5	10.0	0.0	0.0	0.0	0.2	418.5	421.8	425.9	.	.	.	497.2
Ireland	214	212	10.6	60.4	24.0	5.1	0.0	0.0	1.0	528.7	528.3	530.3	527.9	.	.	535.4
Italy	257	241	27.4	55.4	17.2	0.0	3.9	0.0	2.7	512.3	519.2	516.5	.	517.3	.	503.6
Japan	157	154	6.0	39.5	49.4	5.1	0.3	0.0	1.1	558.0	569.8	569.5	573.7	545.1	.	560.5
Kazakhstan	239	233	37.0	56.0	7.1	0.0	0.5	0.0	2.4	558.4	548.0	510.7	.	529.8	.	569.0
Korea, Rep. of	182	181	49.0	43.5	7.5	0.0	0.6	0.0	0.0	590.7	588.6	584.4	.	594.1	.	.
Kuwait	294	277	57.4	36.0	5.8	0.8	7.9	0.0	0.8	344.8	331.2	317.2	363.0	322.9	.	334.7
Lithuania	291	285	29.2	54.0	16.8	0.0	1.1	0.0	0.0	527.7	527.2	531.8	.	492.7	.	374.7
Morocco	367	317	18.9	63.0	17.3	0.9	6.0	0.0	6.8	359.3	353.6	340.9	278.0	338.6	.	369.6
Netherlands	223	170	13.0	50.3	36.7	0.0	21.4	0.0	0.4	520.3	515.8	518.2	.	516.1	.	544.1
New Zealand	461	439	15.9	47.4	35.7	1.0	2.5	0.0	1.1	516.9	512.7	493.2	480.3	494.2	.	482.7
Northern Ireland	154	128	11.7	50.6	34.6	3.1	17.4	0.0	1.9	520.2	520.3	520.7	522.2	514.8	.	533.2
Norway	227	179	17.9	50.6	29.3	2.2	16.9	0.0	3.5	537.8	538.8	538.4	558.9	532.2	.	533.0
Oman	357	346	60.5	36.7	2.9	0.0	0.6	0.0	1.9	430.8	434.4	389.3	.	399.2	.	442.7
Poland	254	254	35.6	58.2	5.7	0.5	0.0	0.0	0.0	551.9	544.4	547.5	529.9	.	.	.
Portugal	322	306	40.4	51.2	8.3	0.2	5.1	0.0	0.5	510.3	508.0	502.0	498.5	502.5	.	495.9
Qatar	227	224	65.5	31.8	2.8	0.0	0.0	0.0	2.1	433.6	440.4	442.3	.	.	.	448.0
Russian Federation	217	216	20.0	69.8	10.2	0.0	0.0	0.0	0.5	566.8	569.9	550.0	.	.	.	552.0
Saudi Arabia	189	187	45.6	43.3	10.4	0.6	0.5	0.0	0.3	394.3	392.8	370.6	289.6	351.8	.	390.4
Serbia	192	192	28.6	61.0	10.4	0.0	0.0	0.0	0.0	531.2	522.1	520.3	.	.	.	.
Singapore	358	351	21.8	57.9	20.0	0.3	1.5	0.0	0.7	596.8	593.7	575.8	574.4	598.2	.	534.6
Slovak Republic	328	314	35.4	58.6	5.9	0.0	1.1	0.0	3.5	517.3	521.3	525.1	.	549.3	.	522.7
Slovenia	256	238	28.4	61.4	10.1	0.0	5.4	0.0	0.9	542.9	543.0	544.3	.	533.3	.	541.1
Spain	393	372	36.9	49.3	13.8	0.0	4.1	0.0	0.1	524.1	512.0	524.0	.	519.3	.	512.2
Sweden	212	202	22.1	59.1	18.8	0.0	3.4	0.0	1.0	549.3	537.3	540.5	.	532.4	.	531.9
Turkey	251	250	32.6	58.1	9.3	0.0	0.0	0.0	0.4	490.6	482.1	462.9	.	.	.	554.8
United Arab Emirates	840	716	50.4	44.0	5.6	0.0	8.8	0.0	2.4	467.4	447.3	413.5	.	414.4	.	428.3
United States	492	416	27.7	49.4	22.2	0.7	12.7	0.0	3.1	546.1	548.7	537.4	503.3	547.0	.	562.5
International Avg (n=47)	13512	12616	31.0	52.4	16.0	0.7	4.3	0.0	1.3	508.8	506.2	499.4	489.9	495.7	.	501.7
Buenos Aires, Argentina	291	125	44.6	49.6	5.4	0.4	53.9	0.0	2.5	429.0	413.4	411.2	457.6	416.8	.	395.2
Ontario, Canada	275	238	21.3	56.1	21.6	1.0	7.2	0.0	5.4	525.4	531.7	534.9	520.6	516.1	.	539.6
Quebec, Canada	151	137	22.0	58.1	18.1	1.8	5.9	0.0	3.3	528.1	523.1	523.2	478.8	533.6	.	538.3
Norway (4)	223	184	10.5	56.6	31.6	1.3	12.4	0.0	3.0	483.2	493.7	494.6	521.7	491.7	.	490.6
Abu Dhabi, UAE	212	177	43.7	45.7	10.6	0.0	10.1	0.0	1.6	442.8	399.5	382.1	.	399.5	.	406.8
Dubai, UAE	290	246	54.7	41.6	3.7	0.0	8.1	0.0	2.7	523.0	533.7	501.2	.	442.3	.	456.2
Florida, US	120	92	31.3	39.0	23.4	6.3	20.6	0.0	1.6	557.9	542.4	561.7	522.8	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Helping students appreciate the value of learning science  
 Location: TQS-02e (ATBS02E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	16.5	52.8	27.0	3.7	8.8	0.0	2.8	529.4	527.5	526.7	498.9	499.5	.	506.6
Bahrain	345	336	53.3	41.2	5.5	0.0	2.5	0.0	0.7	459.4	461.9	448.6	.	427.2	.	433.6
Belgium (Flemish)	295	287	18.8	55.1	24.5	1.5	1.2	0.0	0.6	508.3	512.1	512.7	509.0	500.5	.	537.0
Bulgaria	233	232	40.7	53.6	5.7	0.0	0.0	0.0	0.1	546.1	529.9	515.4	.	.	.	618.0
Canada	699	625	25.1	50.7	22.5	1.7	6.4	0.0	3.7	520.2	525.1	527.3	523.1	523.5	.	538.9
Chile	180	162	59.4	36.1	4.5	0.0	6.9	0.0	1.1	481.8	471.4	493.8	.	473.8	.	427.1
Chinese Taipei	178	178	33.4	47.7	18.3	0.7	0.0	0.0	0.0	552.3	556.5	557.7	551.6	.	.	.
Croatia	223	220	48.7	46.8	4.5	0.0	1.5	0.0	0.0	535.1	530.2	549.5	.	531.0	.	.
Cyprus	242	234	41.3	47.4	11.3	0.0	1.1	0.0	2.2	482.0	482.0	464.9	.	494.5	.	527.0
Czech Republic	265	262	25.7	56.1	17.6	0.7	0.8	0.0	1.0	535.4	532.4	538.2	543.4	542.1	.	539.2
Denmark	196	167	31.2	45.7	21.0	2.2	12.3	0.0	0.5	532.7	525.7	523.4	501.4	530.0	.	481.9
England	214	176	25.4	51.4	22.0	1.2	15.0	0.0	0.2	550.3	534.2	536.4	481.0	522.3	.	553.6
Finland	341	324	29.1	57.6	12.5	0.8	4.3	0.0	0.4	553.5	553.7	554.3	586.5	557.1	.	484.2
France	273	257	13.4	51.9	32.3	2.4	5.7	0.0	0.7	490.4	485.6	491.4	486.0	472.7	.	510.9
Georgia	188	186	51.4	48.6	0.0	0.0	0.7	0.0	0.6	462.4	440.0	.	.	438.4	.	418.4
Germany	226	193	19.5	55.1	24.4	1.0	10.8	0.0	2.9	523.3	532.7	523.8	533.2	534.0	.	500.9
Hong Kong SAR	148	139	7.6	62.4	27.1	2.9	1.1	0.0	5.1	584.7	557.9	545.5	533.1	549.3	.	570.3
Hungary	244	238	33.9	60.0	6.1	0.0	1.1	0.0	1.2	539.4	544.8	526.8	.	588.9	.	507.3
Indonesia	293	292	32.3	56.7	10.7	0.3	0.3	0.0	0.0	403.3	401.9	351.3	392.4	305.8	.	.
Iran, Islamic Rep. of	291	290	55.4	41.2	3.4	0.0	0.0	0.0	0.2	421.3	421.1	408.8	.	.	.	497.2
Ireland	214	213	14.9	56.6	25.5	2.9	0.0	0.0	0.2	542.8	525.5	528.1	532.5	.	.	495.8
Italy	257	243	34.1	53.6	12.3	0.0	3.9	0.0	1.7	513.9	516.1	527.5	.	517.3	.	500.0
Japan	157	154	4.1	41.1	48.6	6.2	0.3	0.0	1.1	561.1	571.2	568.3	567.9	545.1	.	560.5
Kazakhstan	239	234	35.1	58.4	6.5	0.0	0.5	0.0	1.9	554.7	549.7	519.4	.	529.8	.	559.1
Korea, Rep. of	182	181	49.5	43.4	7.0	0.0	0.6	0.0	0.0	593.6	586.6	575.0	.	594.1	.	.
Kuwait	294	277	54.9	39.3	5.5	0.3	7.9	0.0	0.8	352.7	325.4	289.2	357.4	322.9	.	334.7
Lithuania	291	285	41.8	50.9	7.2	0.0	1.1	0.0	0.0	526.7	528.7	532.3	.	492.7	.	374.7
Morocco	367	316	34.8	53.8	10.0	1.5	6.0	0.0	7.0	361.5	351.9	314.3	342.9	338.6	.	374.4
Netherlands	223	170	14.7	38.6	46.1	0.6	21.4	0.0	0.4	506.7	522.1	516.3	539.8	516.1	.	544.1
New Zealand	461	438	16.3	40.5	40.3	2.9	2.5	0.0	1.3	520.7	512.1	498.2	451.3	494.2	.	481.6
Northern Ireland	154	129	9.3	49.5	36.2	5.0	17.4	0.0	1.2	532.7	519.9	516.0	537.5	514.8	.	538.5
Norway	227	179	21.4	55.7	20.7	2.2	16.9	0.0	3.5	540.1	538.7	536.2	558.9	532.2	.	533.0
Oman	357	346	64.6	33.2	2.2	0.0	0.6	0.0	1.9	433.8	426.0	421.5	.	399.2	.	442.7
Poland	254	254	46.2	51.8	1.9	0.0	0.0	0.0	0.0	548.1	546.7	538.0	.	.	.	.
Portugal	322	305	43.9	45.7	10.4	0.0	5.1	0.0	0.7	510.4	507.7	504.1	.	502.5	.	487.4
Qatar	227	224	66.6	30.9	2.5	0.0	0.0	0.0	2.1	438.0	436.9	372.2	.	.	.	448.0
Russian Federation	217	217	34.8	63.0	2.2	0.0	0.0	0.0	0.0	572.5	564.6	556.6	.	.	.	.
Saudi Arabia	189	186	55.2	37.9	6.9	0.0	0.5	0.0	0.9	386.4	398.0	378.7	.	351.8	.	419.1
Serbia	192	192	37.8	56.9	3.7	1.6	0.0	0.0	0.0	528.7	527.5	501.7	373.9	.	.	.
Singapore	358	351	25.0	58.7	15.7	0.6	1.5	0.0	0.7	600.9	587.9	586.5	560.6	598.2	.	534.6
Slovak Republic	328	314	31.8	58.4	9.8	0.0	1.1	0.0	3.5	516.1	521.9	522.4	.	549.3	.	522.7
Slovenia	256	238	26.0	61.5	12.5	0.0	5.4	0.0	0.9	538.5	543.5	550.9	.	533.3	.	541.1
Spain	393	371	38.2	48.6	13.2	0.0	4.1	0.0	0.4	521.6	515.2	517.5	.	519.3	.	571.0
Sweden	212	202	19.6	50.0	30.0	0.3	3.4	0.0	1.0	547.4	538.2	539.8	547.7	532.4	.	531.9
Turkey	251	250	37.4	51.0	11.6	0.0	0.0	0.0	0.2	483.2	489.1	462.8	.	.	.	297.4
United Arab Emirates	840	719	54.8	38.9	5.5	0.7	8.8	0.0	1.9	460.7	458.7	392.4	332.3	414.4	.	434.9
United States	492	416	33.4	44.3	21.4	0.8	12.7	0.0	3.1	546.8	545.1	543.2	529.2	547.0	.	562.5
International Avg (n=47)	13512	12619	34.2	49.6	15.2	1.0	4.3	0.0	1.3	509.6	506.0	498.0	494.9	495.7	.	493.5
Buenos Aires, Argentina	291	125	47.5	40.5	12.0	0.0	53.9	0.0	2.5	428.1	418.1	397.6	.	416.8	.	395.2
Ontario, Canada	275	238	19.4	53.9	24.7	2.0	7.2	0.0	5.4	522.9	533.7	531.0	534.5	516.1	.	539.6
Quebec, Canada	151	137	30.9	42.1	25.3	1.7	5.9	0.0	3.3	523.3	526.0	519.9	514.6	533.6	.	538.3
Norway (4)	223	184	18.8	56.1	24.7	0.4	12.4	0.0	3.0	490.9	496.2	487.8	527.2	491.7	.	490.6
Abu Dhabi, UAE	212	180	43.4	43.5	11.1	2.1	10.1	0.0	0.2	442.4	413.6	341.0	332.3	399.5	.	437.7
Dubai, UAE	290	246	56.3	39.4	4.4	0.0	8.1	0.0	2.7	518.7	536.2	541.9	.	442.3	.	456.2
Florida, US	120	92	35.7	37.5	19.3	7.5	20.6	0.0	1.6	552.9	548.1	561.4	523.1	542.1	.	536.7



Question: In teaching science to this class, how would you characterize your confidence in doing the following? Assessing student comprehension of science  
 Location: TQS-02f (ATBS02F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	418	10.9	45.8	38.4	4.8	8.8	0.0	2.8	523.1	529.4	525.2	518.3	499.5	.	506.6
Bahrain	345	336	39.5	53.3	7.0	0.1	2.5	0.0	0.8	460.3	461.7	436.7	278.1	427.2	.	510.2
Belgium (Flemish)	295	288	13.0	52.0	34.3	0.6	1.2	0.0	0.3	508.8	509.0	516.8	500.0	500.5	.	518.6
Bulgaria	233	232	36.0	59.2	4.7	0.0	0.0	0.0	0.1	546.3	534.5	469.2	.	.	.	618.0
Canada	699	625	17.5	54.0	27.2	1.4	6.4	0.0	3.7	523.1	524.3	526.9	487.8	523.5	.	538.9
Chile	180	161	54.2	40.6	5.2	0.0	6.9	0.0	1.3	479.9	481.3	441.1	.	473.8	.	445.8
Chinese Taipei	178	178	23.7	64.9	11.4	0.0	0.0	0.0	0.0	558.8	553.5	558.3	.	.	.	.
Croatia	223	220	36.5	54.3	8.5	0.7	1.5	0.0	0.0	535.4	531.8	532.8	575.3	531.0	.	.
Cyprus	242	234	29.6	59.3	11.1	0.0	1.1	0.0	2.2	476.3	482.8	475.9	.	494.5	.	527.0
Czech Republic	265	262	23.2	58.7	17.9	0.2	0.8	0.0	1.0	532.4	534.9	535.5	466.8	542.1	.	539.2
Denmark	196	166	15.7	54.4	26.6	3.3	12.3	0.0	0.7	530.2	526.3	525.9	528.1	530.0	.	496.9
England	214	175	12.2	51.1	32.4	4.3	15.0	0.0	0.9	552.8	543.4	528.6	513.4	522.3	.	515.3
Finland	341	324	18.9	57.9	22.1	1.1	4.3	0.0	0.4	553.2	553.7	554.9	566.5	557.1	.	484.2
France	273	255	14.6	46.1	38.4	0.9	5.7	0.0	1.3	484.3	487.8	489.6	490.1	472.7	.	507.7
Georgia	188	186	39.8	56.5	3.7	0.0	0.7	0.0	0.6	461.7	443.4	466.7	.	438.4	.	418.4
Germany	226	193	14.5	50.6	33.5	1.4	10.8	0.0	2.9	533.5	526.3	530.5	522.6	534.0	.	500.9
Hong Kong SAR	148	139	4.9	58.8	34.2	2.1	1.1	0.0	5.4	576.9	556.6	553.0	530.3	549.3	.	571.4
Hungary	244	238	30.0	57.0	13.0	0.0	1.1	0.0	1.2	535.1	550.5	520.1	.	588.9	.	507.3
Indonesia	293	292	25.5	56.2	17.5	0.9	0.3	0.0	0.0	402.1	402.1	380.5	245.0	305.8	.	.
Iran, Islamic Rep. of	291	285	49.4	42.4	8.2	0.0	0.0	0.0	1.5	422.4	421.4	403.9	.	.	.	456.5
Ireland	214	213	6.0	39.1	43.7	11.2	0.0	0.0	0.2	526.1	531.1	529.4	521.1	.	.	495.8
Italy	257	243	18.2	55.9	25.9	0.0	3.9	0.0	1.7	504.6	518.4	521.7	503.1	517.3	.	500.0
Japan	157	154	3.5	35.1	58.3	3.1	0.3	0.0	1.1	563.3	570.9	568.6	567.9	545.1	.	560.5
Kazakhstan	239	233	28.5	64.3	7.1	0.0	0.5	0.0	2.4	561.0	546.3	532.1	.	529.8	.	557.6
Korea, Rep. of	182	181	39.9	47.0	11.5	1.5	0.6	0.0	0.0	591.0	588.9	583.8	597.2	594.1	.	.
Kuwait	294	276	46.8	46.4	6.5	0.3	7.9	0.0	1.0	348.5	326.2	354.2	357.4	322.9	.	331.2
Lithuania	291	284	27.9	59.1	13.0	0.0	1.1	0.0	0.1	523.5	528.5	536.6	.	492.7	.	448.6
Morocco	367	317	18.3	55.6	24.3	1.8	6.0	0.0	6.8	372.5	356.7	325.5	343.9	338.6	.	369.6
Netherlands	223	170	8.7	33.8	52.8	4.6	21.4	0.0	0.4	519.4	514.5	520.7	494.1	516.1	.	544.1
New Zealand	461	439	7.1	28.5	54.7	9.7	2.5	0.0	1.1	504.6	512.6	505.1	493.4	494.2	.	482.7
Northern Ireland	154	129	5.7	34.2	48.1	12.0	17.4	0.0	1.2	527.0	520.6	520.5	517.8	514.8	.	538.5
Norway	227	179	11.1	53.0	32.9	2.9	16.9	0.0	3.5	537.0	538.1	540.4	545.5	532.2	.	533.0
Oman	357	345	50.0	44.3	5.3	0.3	0.6	0.0	2.0	434.6	427.9	422.0	426.8	399.2	.	442.9
Poland	254	254	33.6	56.9	9.4	0.0	0.0	0.0	0.0	549.0	548.1	535.0	.	.	.	.
Portugal	322	304	27.9	54.6	16.8	0.7	5.1	0.0	1.0	508.8	508.1	509.6	502.5	502.5	.	491.5
Qatar	227	224	59.9	35.1	5.0	0.0	0.0	0.0	2.1	426.0	455.2	421.5	.	.	.	448.0
Russian Federation	217	217	21.3	75.4	3.4	0.0	0.0	0.0	0.0	563.7	568.7	556.6	.	.	.	.
Saudi Arabia	189	187	33.5	47.2	18.9	0.4	0.5	0.0	0.3	385.4	400.3	376.9	314.9	351.8	.	390.4
Serbia	192	192	24.8	60.2	15.0	0.0	0.0	0.0	0.0	530.5	528.8	497.4	.	.	.	.
Singapore	358	351	19.9	61.0	19.0	0.1	1.5	0.0	0.7	601.1	594.1	569.6	511.5	598.2	.	534.6
Slovak Republic	328	314	34.2	57.5	8.3	0.0	1.1	0.0	3.3	522.9	517.1	527.6	.	549.3	.	527.7
Slovenia	256	238	25.3	66.7	8.0	0.0	5.4	0.0	0.9	543.5	542.8	544.6	.	533.3	.	541.1
Spain	393	371	30.7	54.7	14.6	0.0	4.1	0.0	0.6	517.4	517.8	519.1	.	519.3	.	562.3
Sweden	212	202	10.8	52.2	34.8	2.2	3.4	0.0	1.0	550.5	535.8	544.1	547.9	532.4	.	531.9
Turkey	251	250	28.6	59.5	11.9	0.0	0.0	0.0	0.2	493.9	482.8	465.0	.	.	.	297.4
United Arab Emirates	840	712	43.5	47.5	7.8	1.1	8.8	0.0	3.2	470.8	444.3	440.4	431.1	414.4	.	439.3
United States	492	415	25.5	47.2	25.5	1.7	12.7	0.0	3.3	549.2	546.5	539.0	535.0	547.0	.	563.0
International Avg (n=47)	13512	12601	25.6	52.0	20.8	1.6	4.3	0.0	1.4	509.0	506.9	499.6	481.1	495.7	.	494.9
Buenos Aires, Argentina	291	125	39.2	54.7	5.5	0.5	53.9	0.0	2.5	427.9	418.2	398.0	322.8	416.8	.	395.2
Ontario, Canada	275	238	16.1	55.2	28.7	0.0	7.2	0.0	5.4	530.5	532.6	528.1	.	516.1	.	539.6
Quebec, Canada	151	137	13.6	46.2	35.3	4.8	5.9	0.0	3.3	521.0	524.6	528.3	483.1	533.6	.	538.3
Norway (4)	223	184	7.6	53.9	37.3	1.1	12.4	0.0	3.0	492.9	495.5	489.3	517.8	491.7	.	490.6
Abu Dhabi, UAE	212	178	36.4	50.1	10.9	2.5	10.1	0.0	1.2	447.3	403.1	385.0	398.1	399.5	.	368.4
Dubai, UAE	290	245	46.3	43.4	9.5	0.7	8.1	0.0	3.1	525.7	528.9	524.1	570.1	442.3	.	448.8
Florida, US	120	92	28.2	41.4	22.7	7.7	20.6	0.0	1.6	550.3	551.5	552.7	539.8	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Improving the understanding of struggling students  
 Location: TQS-02g (ATBS02G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	6.7	43.7	42.6	7.0	8.8	0.0	2.9	522.4	524.5	530.9	517.0	499.5	.	507.3
Bahrain	345	337	31.3	52.9	15.7	0.1	2.5	0.0	0.4	452.2	465.4	454.1	453.8	427.2	.	486.2
Belgium (Flemish)	295	287	11.5	37.0	48.2	3.3	1.2	0.0	0.6	510.3	502.4	519.3	503.3	500.5	.	535.4
Bulgaria	233	232	29.3	55.5	15.2	0.0	0.0	0.0	0.1	551.3	527.6	534.6	.	.	.	618.0
Canada	699	625	13.0	51.1	32.2	3.7	6.4	0.0	3.7	524.3	524.0	527.0	504.7	523.5	.	538.9
Chile	180	162	42.0	45.3	11.8	0.9	6.9	0.0	1.1	482.0	473.6	486.7	466.6	473.8	.	427.1
Chinese Taipei	178	178	14.9	55.6	28.0	1.5	0.0	0.0	0.0	548.1	556.4	557.3	546.5	.	.	.
Croatia	223	220	24.7	50.8	23.8	0.7	1.5	0.0	0.0	534.6	532.2	533.7	575.3	531.0	.	.
Cyprus	242	234	32.1	51.0	16.9	0.0	1.1	0.0	2.2	482.4	479.4	477.9	.	494.5	.	527.0
Czech Republic	265	262	12.5	53.8	33.4	0.3	0.8	0.0	1.0	533.8	535.1	533.4	507.8	542.1	.	539.2
Denmark	196	166	13.7	46.2	35.3	4.8	12.3	0.0	1.1	528.4	524.8	530.3	520.0	530.0	.	492.2
England	214	176	15.5	54.8	28.9	0.7	15.0	0.0	0.2	546.6	537.7	535.2	506.7	522.3	.	553.6
Finland	341	324	13.6	48.7	34.2	3.5	4.3	0.0	0.4	551.3	551.2	557.5	569.5	557.1	.	484.2
France	273	257	5.1	39.8	47.7	7.4	5.7	0.0	0.7	490.6	488.0	488.9	482.2	472.7	.	510.9
Georgia	188	186	26.1	59.8	13.7	0.4	0.7	0.0	0.6	479.2	442.1	440.0	438.8	438.4	.	418.4
Germany	226	193	15.4	50.5	33.2	0.8	10.8	0.0	2.9	525.9	533.2	523.7	506.2	534.0	.	500.9
Hong Kong SAR	148	140	4.5	60.4	32.3	2.9	1.1	0.0	4.4	575.3	560.2	546.3	546.6	549.3	.	570.2
Hungary	244	238	20.9	53.9	24.9	0.4	1.1	0.0	1.2	541.3	540.9	545.3	493.3	588.9	.	507.3
Indonesia	293	292	34.6	50.8	14.3	0.3	0.3	0.0	0.0	402.4	398.3	380.8	298.1	305.8	.	.
Iran, Islamic Rep. of	291	289	41.8	40.3	17.9	0.0	0.0	0.0	0.4	418.5	426.3	413.5	.	.	.	492.8
Ireland	214	213	8.4	42.6	42.6	6.3	0.0	0.0	0.2	537.3	530.1	528.8	510.9	.	.	495.8
Italy	257	243	16.4	50.7	31.7	1.2	3.9	0.0	1.7	517.9	513.9	519.9	540.3	517.3	.	500.0
Japan	157	154	4.1	29.5	61.3	5.0	0.3	0.0	1.1	566.4	572.5	567.1	576.8	545.1	.	560.5
Kazakhstan	239	234	24.8	60.5	14.7	0.0	0.5	0.0	1.9	546.8	554.8	532.1	.	529.8	.	559.1
Korea, Rep. of	182	181	41.6	46.9	10.5	1.1	0.6	0.0	0.0	591.3	588.1	588.2	575.5	594.1	.	.
Kuwait	294	277	34.5	48.9	15.8	0.8	7.9	0.0	0.8	350.8	336.0	321.5	292.6	322.9	.	334.7
Lithuania	291	284	27.3	59.8	12.9	0.0	1.1	0.0	0.7	520.0	530.7	532.9	.	492.7	.	523.8
Morocco	367	314	18.3	45.1	33.8	2.8	6.0	0.0	7.7	352.7	359.2	342.5	291.2	338.6	.	382.3
Netherlands	223	170	8.3	35.9	48.5	7.3	21.4	0.0	0.4	513.1	510.4	524.7	505.9	516.1	.	544.1
New Zealand	461	439	6.3	30.6	55.3	7.8	2.5	0.0	1.1	511.4	514.3	503.7	486.6	494.2	.	482.7
Northern Ireland	154	128	4.7	35.1	48.8	11.3	17.4	0.0	1.9	518.2	527.1	517.6	518.9	514.8	.	507.4
Norway	227	179	10.9	45.5	39.3	4.3	16.9	0.0	3.5	538.3	535.6	541.4	553.5	532.2	.	533.0
Oman	357	346	30.1	48.3	21.1	0.6	0.6	0.0	1.9	432.3	428.8	434.0	423.1	399.2	.	442.7
Poland	254	253	38.6	57.1	4.3	0.0	0.0	0.0	0.2	546.5	547.8	548.7	.	.	.	493.4
Portugal	322	305	33.6	51.9	14.3	0.2	5.1	0.0	0.7	505.5	508.9	514.3	498.5	502.5	.	487.4
Qatar	227	222	52.4	41.0	6.6	0.0	0.0	0.0	3.9	437.8	435.7	414.6	.	.	.	457.9
Russian Federation	217	217	24.6	71.6	3.8	0.0	0.0	0.0	0.0	568.3	568.6	534.0	.	.	.	.
Saudi Arabia	189	186	35.6	41.6	21.0	1.8	0.5	0.0	1.0	391.5	398.7	379.0	328.9	351.8	.	371.5
Serbia	192	192	22.0	53.0	25.0	0.0	0.0	0.0	0.0	527.6	528.6	513.1	.	.	.	.
Singapore	358	351	15.9	54.6	28.9	0.6	1.5	0.0	0.7	594.0	594.7	582.0	559.9	598.2	.	534.6
Slovak Republic	328	315	27.1	58.9	13.4	0.6	1.1	0.0	3.0	524.4	519.4	510.4	611.1	549.3	.	521.8
Slovenia	256	237	23.3	53.9	22.8	0.0	5.4	0.0	1.2	539.0	545.3	542.1	.	533.3	.	543.4
Spain	393	371	24.9	52.3	21.9	0.9	4.1	0.0	0.6	524.2	517.6	510.3	539.2	519.3	.	562.3
Sweden	212	201	10.9	38.1	49.7	1.2	3.4	0.0	2.3	550.1	538.2	539.9	531.3	532.4	.	550.6
Turkey	251	250	33.1	54.6	12.0	0.3	0.0	0.0	0.2	494.1	481.6	464.6	525.1	.	.	297.4
United Arab Emirates	840	717	34.0	52.7	12.2	1.0	8.8	0.0	2.5	465.7	458.3	414.0	382.6	414.4	.	461.2
United States	492	416	21.1	45.8	31.8	1.2	12.7	0.0	3.1	546.9	551.2	536.1	521.7	547.0	.	562.5
International Avg (n=47)	13512	12610	22.2	49.1	26.7	2.0	4.3	0.0	1.4	508.8	506.8	501.6	492.2	495.7	.	498.0
Buenos Aires, Argentina	291	125	34.5	60.6	3.7	1.1	53.9	0.0	2.5	432.1	414.7	415.9	387.5	416.8	.	395.2
Ontario, Canada	275	238	13.9	52.2	31.0	2.8	7.2	0.0	5.4	528.8	533.1	528.8	525.9	516.1	.	539.6
Quebec, Canada	151	137	7.9	44.9	39.8	7.4	5.9	0.0	3.3	528.0	521.2	531.2	490.0	533.6	.	538.3
Norway (4)	223	184	7.7	49.7	39.4	3.1	12.4	0.0	3.0	490.4	495.0	491.2	461.9	491.7	.	490.6
Abu Dhabi, UAE	212	180	30.4	51.4	16.8	1.3	10.1	0.0	0.2	444.3	420.2	364.5	283.4	399.5	.	437.7
Dubai, UAE	290	245	36.2	53.3	10.5	0.0	8.1	0.0	2.8	520.2	533.6	516.5	.	442.3	.	451.0
Florida, US	120	91	28.6	39.1	26.0	6.4	20.6	0.0	2.6	549.3	543.5	564.3	522.8	542.1	.	578.8

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Making science relevant to students  
 Location: TQS-02h (ATBS02H)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	418	16.7	56.1	24.7	2.5	8.8	0.0	2.8	523.6	533.0	517.4	492.9	499.5	.	506.6
Bahrain	345	337	63.5	30.6	5.7	0.1	2.5	0.0	0.4	461.1	458.6	451.1	278.1	427.2	.	486.2
Belgium (Flemish)	295	288	19.8	54.5	25.4	0.3	1.2	0.0	0.3	505.3	511.5	516.9	491.8	500.5	.	518.6
Bulgaria	233	232	31.8	57.4	10.7	0.0	0.0	0.0	0.1	552.0	529.0	522.4	.	.	.	618.0
Canada	699	624	28.4	51.9	19.0	0.7	6.4	0.0	3.7	522.5	525.0	525.8	515.3	523.5	.	537.2
Chile	180	162	51.2	41.8	6.9	0.0	6.9	0.0	1.1	477.9	477.8	488.7	.	473.8	.	427.1
Chinese Taipei	178	178	39.7	49.4	11.0	0.0	0.0	0.0	0.0	557.0	554.5	552.4	.	.	.	.
Croatia	223	220	50.6	45.0	4.4	0.0	1.5	0.0	0.0	535.5	530.2	543.8	.	531.0	.	.
Cyprus	242	233	67.5	30.1	2.4	0.0	1.1	0.0	3.2	482.9	474.0	480.7	.	494.5	.	509.3
Czech Republic	265	262	24.8	57.6	17.3	0.3	0.8	0.0	1.0	534.9	531.7	541.8	531.0	542.1	.	539.2
Denmark	196	167	29.9	53.9	16.2	0.0	12.3	0.0	0.5	529.4	524.8	529.0	.	530.0	.	481.9
England	214	176	25.8	53.9	20.2	0.1	15.0	0.0	0.2	553.4	533.6	530.7	548.3	522.3	.	553.6
Finland	341	324	26.4	53.8	18.4	1.4	4.3	0.0	0.4	554.3	553.9	553.1	562.3	557.1	.	484.2
France	273	257	22.0	56.1	20.9	1.0	5.7	0.0	0.7	488.3	487.6	490.5	461.2	472.7	.	510.9
Georgia	188	186	43.3	53.6	3.1	0.0	0.7	0.0	0.6	460.4	443.4	469.9	.	438.4	.	418.4
Germany	226	193	17.1	52.1	30.2	0.6	10.8	0.0	2.9	521.8	530.0	530.9	505.1	534.0	.	500.9
Hong Kong SAR	148	140	21.0	60.5	17.8	0.7	1.1	0.0	4.4	565.1	557.2	544.1	476.0	549.3	.	570.2
Hungary	244	238	20.6	58.1	21.3	0.0	1.1	0.0	1.2	540.3	545.1	534.7	.	588.9	.	507.3
Indonesia	293	292	31.8	53.6	14.1	0.6	0.3	0.0	0.0	400.4	401.6	372.6	359.8	305.8	.	.
Iran, Islamic Rep. of	291	288	47.3	44.4	8.3	0.0	0.0	0.0	1.1	418.4	422.4	420.0	.	.	.	486.1
Ireland	214	213	19.4	53.4	22.3	4.9	0.0	0.0	0.2	531.7	529.6	523.5	534.8	.	.	495.8
Italy	257	243	33.0	53.9	13.1	0.0	3.9	0.0	1.7	511.8	520.0	516.1	.	517.3	.	500.0
Japan	157	154	5.3	41.4	50.8	2.6	0.3	0.0	1.1	574.0	569.5	569.5	548.2	545.1	.	560.5
Kazakhstan	239	234	28.6	59.6	11.9	0.0	0.5	0.0	1.9	547.3	556.1	521.3	.	529.8	.	559.1
Korea, Rep. of	182	181	51.3	43.4	5.3	0.0	0.6	0.0	0.0	589.9	588.6	589.2	.	594.1	.	.
Kuwait	294	275	58.7	36.1	5.0	0.3	7.9	0.0	1.5	342.3	336.3	314.5	357.4	322.9	.	318.4
Lithuania	291	285	37.8	55.5	6.7	0.0	1.1	0.0	0.0	527.6	527.9	532.4	.	492.7	.	374.7
Morocco	367	316	21.7	62.5	15.6	0.3	6.0	0.0	7.0	369.9	356.2	309.4	329.5	338.6	.	368.9
Netherlands	223	170	10.6	49.8	39.5	0.0	21.4	0.0	0.4	513.1	516.5	519.3	.	516.1	.	544.1
New Zealand	461	439	16.9	45.2	35.7	2.2	2.5	0.0	1.1	515.4	510.5	497.7	479.1	494.2	.	482.7
Northern Ireland	154	129	11.3	53.4	33.4	1.8	17.4	0.0	1.2	504.7	524.8	519.0	521.3	514.8	.	538.5
Norway	227	179	17.8	57.2	22.8	2.2	16.9	0.0	3.5	537.0	537.1	543.2	558.9	532.2	.	533.0
Oman	357	346	75.5	23.9	0.6	0.0	0.6	0.0	1.9	432.0	428.9	378.3	.	399.2	.	442.7
Poland	254	253	59.5	39.1	1.4	0.0	0.0	0.0	0.3	549.1	544.0	558.7	.	.	.	534.8
Portugal	322	305	38.6	50.2	10.5	0.6	5.1	0.0	0.7	509.2	507.0	514.2	492.1	502.5	.	487.4
Qatar	227	224	75.3	21.0	2.6	1.0	0.0	0.0	2.1	435.2	441.3	406.3	461.6	.	.	448.0
Russian Federation	217	217	24.0	70.8	4.7	0.5	0.0	0.0	0.0	568.4	567.3	563.3	530.6	.	.	.
Saudi Arabia	189	185	54.8	39.8	4.7	0.7	0.5	0.0	1.0	395.7	392.7	323.1	373.7	351.8	.	349.1
Serbia	192	192	29.1	57.3	13.6	0.0	0.0	0.0	0.0	530.3	525.6	507.6	.	.	.	.
Singapore	358	351	32.6	55.0	12.4	0.0	1.5	0.0	0.7	601.5	588.0	575.0	.	598.2	.	534.6
Slovak Republic	328	314	22.0	59.9	18.1	0.0	1.1	0.0	3.5	514.4	523.1	516.9	.	549.3	.	522.7
Slovenia	256	238	30.2	58.5	11.3	0.0	5.4	0.0	0.9	539.8	545.5	539.3	.	533.3	.	541.1
Spain	393	372	35.0	52.6	12.4	0.0	4.1	0.0	0.1	522.6	516.9	511.0	.	519.3	.	512.2
Sweden	212	202	17.9	58.8	23.2	0.1	3.4	0.0	1.0	551.0	540.2	533.4	537.7	532.4	.	531.9
Turkey	251	250	33.3	58.0	8.7	0.0	0.0	0.0	0.2	488.9	485.9	450.8	.	.	.	297.4
United Arab Emirates	840	718	59.0	36.6	4.2	0.2	8.8	0.0	2.1	462.8	451.6	395.6	269.9	414.4	.	423.3
United States	492	416	31.3	50.3	18.0	0.4	12.7	0.0	3.1	547.7	547.3	534.3	559.6	547.0	.	562.5
International Avg (n=47)	13512	12616	34.3	50.2	15.0	0.6	4.3	0.0	1.3	508.5	506.5	497.4	471.1	495.7	.	490.7
Buenos Aires, Argentina	291	125	41.1	45.8	13.0	0.0	53.9	0.0	2.5	433.1	411.4	412.1	.	416.8	.	395.2
Ontario, Canada	275	237	27.4	52.4	19.4	0.8	7.2	0.0	5.6	528.9	530.6	535.9	520.7	516.1	.	537.3
Quebec, Canada	151	137	24.3	49.2	25.3	1.1	5.9	0.0	3.3	523.5	528.2	514.7	508.5	533.6	.	538.3
Norway (4)	223	184	12.9	62.4	24.3	0.4	12.4	0.0	3.0	494.5	493.0	492.8	527.2	491.7	.	490.6
Abu Dhabi, UAE	212	181	52.9	38.2	8.4	0.5	10.1	0.0	0.1	440.3	398.8	354.4	269.9	399.5	.	417.2
Dubai, UAE	290	245	54.9	43.1	1.9	0.0	8.1	0.0	2.9	526.9	527.7	512.1	.	442.3	.	452.8
Florida, US	120	92	35.4	39.6	17.8	7.3	20.6	0.0	1.6	551.6	549.0	561.4	527.0	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Developing students' higher-order thinking skills  
 Location: TQS-02i (ATBS02I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	418	10.7	41.6	42.0	5.8	8.8	0.0	2.8	518.3	529.8	526.0	522.6	499.5	.	506.6
Bahrain	345	335	46.1	41.2	11.6	1.1	2.5	0.0	1.2	462.5	457.4	462.3	428.9	427.2	.	428.6
Belgium (Flemish)	295	288	7.9	28.3	53.1	10.7	1.2	0.0	0.3	518.9	508.5	512.2	511.6	500.5	.	518.6
Bulgaria	233	232	25.0	53.8	21.2	0.0	0.0	0.0	0.1	558.7	531.5	518.8	.	.	.	618.0
Canada	699	625	13.3	44.4	35.5	6.7	6.4	0.0	3.7	521.4	522.6	529.4	514.2	523.5	.	538.9
Chile	180	162	33.7	48.8	16.1	1.4	6.9	0.0	1.1	470.0	483.7	482.0	469.7	473.8	.	427.1
Chinese Taipei	178	178	15.6	47.7	31.5	5.3	0.0	0.0	0.0	554.7	557.4	554.9	539.7	.	.	.
Croatia	223	218	35.1	53.5	10.7	0.7	1.5	0.0	0.6	538.1	530.4	530.9	575.3	531.0	.	532.9
Cyprus	242	234	36.8	43.8	17.9	1.5	1.1	0.0	2.2	483.9	476.6	481.8	471.0	494.5	.	527.0
Czech Republic	265	262	14.7	47.2	36.5	1.6	0.8	0.0	1.0	534.3	534.2	535.3	512.6	542.1	.	539.2
Denmark	196	167	16.8	41.4	35.0	6.8	12.3	0.0	0.5	533.9	523.7	526.1	532.8	530.0	.	481.9
England	214	176	17.4	42.6	37.9	2.0	15.0	0.0	0.2	556.0	533.5	535.8	529.2	522.3	.	553.6
Finland	341	323	20.4	51.6	26.2	1.8	4.3	0.0	0.5	551.1	557.2	551.3	534.1	557.1	.	486.3
France	273	257	9.5	47.5	39.3	3.7	5.7	0.0	0.7	492.1	489.2	486.7	480.2	472.7	.	510.9
Georgia	188	186	17.1	56.2	25.5	1.2	0.7	0.0	0.6	463.9	449.7	446.3	468.3	438.4	.	418.4
Germany	226	186	7.5	38.8	48.0	5.7	10.8	0.0	6.0	525.0	531.2	527.7	524.2	534.0	.	516.1
Hong Kong SAR	148	140	9.2	56.2	33.2	1.4	1.1	0.0	4.4	573.1	552.5	560.2	483.9	549.3	.	570.2
Hungary	244	237	22.2	48.9	27.4	1.5	1.1	0.0	1.5	536.6	547.7	541.2	445.8	588.9	.	510.8
Indonesia	293	292	21.0	48.3	28.9	1.7	0.3	0.0	0.0	400.4	398.4	398.7	286.6	305.8	.	.
Iran, Islamic Rep. of	291	289	36.0	45.1	18.2	0.7	0.0	0.0	0.8	427.0	410.9	434.0	372.2	.	.	465.0
Ireland	214	213	8.6	46.3	37.3	7.8	0.0	0.0	0.2	534.2	527.6	528.4	533.3	.	.	495.8
Italy	257	242	15.8	49.1	34.4	0.7	3.9	0.0	2.1	520.1	516.5	515.5	511.2	517.3	.	504.7
Japan	157	154	1.4	15.6	64.9	18.0	0.3	0.0	1.1	557.1	576.3	569.3	563.6	545.1	.	560.5
Kazakhstan	239	233	26.4	60.8	10.7	2.1	0.5	0.0	2.1	545.1	552.1	554.6	495.9	529.8	.	564.4
Korea, Rep. of	182	181	28.4	39.6	28.6	3.3	0.6	0.0	0.0	592.8	590.3	586.3	573.7	594.1	.	.
Kuwait	294	277	44.8	42.8	11.6	0.8	7.9	0.0	0.8	348.2	327.9	338.2	363.0	322.9	.	334.7
Lithuania	291	285	18.8	57.1	24.1	0.0	1.1	0.0	0.0	526.5	527.3	531.3	.	492.7	.	374.7
Morocco	367	316	16.8	53.3	27.8	2.1	6.0	0.0	7.1	360.4	355.4	339.0	350.3	338.6	.	371.7
Netherlands	223	170	7.7	26.0	57.9	8.4	21.4	0.0	0.4	507.3	518.9	519.8	504.1	516.1	.	544.1
New Zealand	461	438	10.6	35.6	48.4	5.4	2.5	0.0	1.3	510.5	514.8	500.8	491.2	494.2	.	467.2
Northern Ireland	154	129	3.4	36.9	47.0	12.7	17.4	0.0	1.2	507.9	524.5	517.7	523.0	514.8	.	538.5
Norway	227	179	13.7	59.0	24.8	2.5	16.9	0.0	3.5	540.2	538.0	538.8	556.3	532.2	.	533.0
Oman	357	346	50.2	45.3	4.4	0.0	0.6	0.0	1.9	430.2	436.2	386.1	.	399.2	.	442.7
Poland	254	252	41.3	55.7	3.0	0.0	0.0	0.0	0.8	549.2	546.1	538.1	.	.	.	556.4
Portugal	322	305	19.6	50.5	27.5	2.4	5.1	0.0	0.7	511.1	507.5	506.2	534.6	502.5	.	487.4
Qatar	227	223	54.4	37.5	8.1	0.0	0.0	0.0	2.7	432.0	435.8	469.1	.	.	.	428.6
Russian Federation	217	214	13.6	73.9	11.7	0.7	0.0	0.0	1.3	584.9	568.1	546.5	537.5	.	.	531.3
Saudi Arabia	189	187	37.5	46.6	15.3	0.6	0.5	0.0	0.3	394.9	397.1	364.0	289.6	351.8	.	390.4
Serbia	192	192	23.6	53.1	23.3	0.0	0.0	0.0	0.0	529.5	527.5	512.6	.	.	.	.
Singapore	358	351	14.3	49.4	34.1	2.2	1.5	0.0	0.7	612.8	595.2	578.7	535.5	598.2	.	534.6
Slovak Republic	328	314	18.5	63.5	17.8	0.2	1.1	0.0	3.2	525.9	522.0	507.5	490.3	549.3	.	523.5
Slovenia	256	238	18.3	56.3	23.9	1.4	5.4	0.0	0.9	542.3	541.2	549.1	529.7	533.3	.	541.1
Spain	393	372	19.3	50.0	25.5	5.2	4.1	0.0	0.1	523.7	518.0	514.1	518.9	519.3	.	512.2
Sweden	212	202	11.8	52.8	34.4	1.1	3.4	0.0	1.0	540.7	537.1	545.8	538.0	532.4	.	531.9
Turkey	251	250	27.5	52.4	19.9	0.2	0.0	0.0	0.2	496.7	482.3	471.4	362.5	.	.	297.4
United Arab Emirates	840	719	45.2	42.6	11.3	0.8	8.8	0.0	1.9	473.5	444.5	428.5	371.0	414.4	.	434.9
United States	492	416	25.4	44.0	29.6	1.1	12.7	0.0	3.1	547.3	549.8	537.0	528.2	547.0	.	562.5
International Avg (n=47)	13512	12603	22.0	47.3	27.7	3.0	4.3	0.0	1.4	509.9	506.5	502.9	485.5	495.7	.	493.4
Buenos Aires, Argentina	291	125	36.9	60.0	3.0	0.0	53.9	0.0	2.5	433.5	413.7	393.0	.	416.8	.	395.2
Ontario, Canada	275	238	14.3	47.4	35.4	2.9	7.2	0.0	5.4	527.9	530.8	532.4	531.3	516.1	.	539.6
Quebec, Canada	151	137	6.2	33.1	42.9	17.9	5.9	0.0	3.3	519.6	525.4	528.2	509.5	533.6	.	538.3
Norway (4)	223	184	13.9	53.9	31.8	0.4	12.4	0.0	3.0	489.6	496.1	489.7	527.2	491.7	.	490.6
Abu Dhabi, UAE	212	180	41.5	40.6	16.3	1.6	10.1	0.0	0.2	453.8	398.6	374.6	323.2	399.5	.	437.7
Dubai, UAE	290	246	48.3	44.0	7.7	0.0	8.1	0.0	2.7	528.8	525.5	519.7	.	442.3	.	456.2
Florida, US	120	92	26.5	44.2	23.0	6.3	20.6	0.0	1.6	551.6	552.5	552.9	522.8	542.1	.	536.7

Question: In teaching science to this class, how would you characterize your confidence in doing the following? Teaching science using inquiry methods  
 Location: TQS-02j (ATBS02J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	Not Administered %	Not Applicable %	Omitted %	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	14.2	41.1	40.7	3.9	8.8	0.0	2.8	525.1	525.6	528.6	520.2	499.5	.	506.6
Bahrain	345	337	45.2	42.2	12.0	0.6	2.5	0.0	0.4	451.9	471.7	448.2	403.0	427.2	.	486.2
Belgium (Flemish)	295	288	9.0	31.8	50.2	9.0	1.2	0.0	0.3	507.8	510.0	511.8	520.2	500.5	.	518.6
Bulgaria	233	231	11.9	36.6	50.1	1.4	0.0	0.0	0.6	552.0	543.9	525.6	527.7	.	.	577.5
Canada	699	625	16.3	42.2	33.6	7.9	6.4	0.0	3.7	524.6	524.0	526.3	516.6	523.5	.	538.9
Chile	180	162	31.7	50.8	15.7	1.8	6.9	0.0	1.1	472.3	479.7	493.0	433.2	473.8	.	427.1
Chinese Taipei	178	177	21.5	50.1	27.0	1.5	0.0	0.0	0.6	554.7	558.1	550.2	569.9	.	.	534.5
Croatia	223	220	35.1	52.7	11.1	1.1	1.5	0.0	0.0	533.6	532.4	534.1	576.5	531.0	.	.
Cyprus	242	234	36.3	51.0	12.7	0.0	1.1	0.0	2.2	485.0	477.8	475.5	.	494.5	.	527.0
Czech Republic	265	262	11.3	45.4	40.7	2.6	0.8	0.0	1.0	538.4	533.7	533.0	545.3	542.1	.	539.2
Denmark	196	167	25.6	37.3	30.4	6.8	12.3	0.0	0.5	527.0	524.9	528.4	530.5	530.0	.	481.9
England	214	176	21.8	47.2	27.4	3.6	15.0	0.0	0.2	554.4	533.8	537.3	503.9	522.3	.	553.6
Finland	341	322	13.0	44.2	35.2	7.6	4.3	0.0	0.9	553.6	550.8	555.9	564.6	557.1	.	516.2
France	273	257	14.7	37.5	39.8	8.0	5.7	0.0	0.7	490.7	490.5	484.6	490.1	472.7	.	510.9
Georgia	188	186	19.4	52.0	28.6	0.0	0.7	0.0	0.6	475.8	441.9	452.5	.	438.4	.	418.4
Germany	226	192	14.6	42.6	35.5	7.3	10.8	0.0	3.5	527.8	533.1	527.3	514.1	534.0	.	500.5
Hong Kong SAR	148	140	14.6	53.5	30.1	1.7	1.1	0.0	4.4	565.3	549.8	565.4	504.4	549.3	.	570.2
Hungary	244	238	20.1	45.5	32.5	1.9	1.1	0.0	1.2	538.2	545.7	540.3	518.6	588.9	.	507.3
Indonesia	293	292	31.1	50.1	17.4	1.4	0.3	0.0	0.0	392.3	403.4	387.7	384.5	305.8	.	.
Iran, Islamic Rep. of	291	290	41.1	39.6	16.9	2.5	0.0	0.0	0.2	428.1	410.5	433.7	376.1	.	.	497.2
Ireland	214	213	13.5	37.2	40.7	8.6	0.0	0.0	0.2	538.0	531.7	523.9	526.5	.	.	495.8
Italy	257	243	13.7	48.6	34.7	3.1	3.9	0.0	1.7	515.8	515.7	516.8	537.1	517.3	.	500.0
Japan	157	153	2.2	22.7	60.5	14.6	0.3	0.0	1.9	581.3	570.4	567.8	570.5	545.1	.	570.9
Kazakhstan	239	234	21.7	60.2	18.1	0.0	0.5	0.0	1.9	556.6	550.3	538.3	.	529.8	.	559.1
Korea, Rep. of	182	181	43.2	39.3	15.7	1.8	0.6	0.0	0.0	592.2	587.1	588.6	573.4	594.1	.	.
Kuwait	294	276	44.7	41.9	12.8	0.7	7.9	0.0	1.2	354.1	329.5	308.1	363.7	322.9	.	371.2
Lithuania	291	283	16.0	48.2	33.9	1.9	1.1	0.0	0.5	521.4	528.9	528.3	555.3	492.7	.	538.6
Morocco	367	304	8.5	31.4	40.6	19.4	6.0	0.0	10.8	342.6	347.6	353.7	355.1	338.6	.	368.3
Netherlands	223	170	8.7	27.3	47.8	16.2	21.4	0.0	0.4	513.6	519.5	518.8	511.0	516.1	.	544.1
New Zealand	461	439	19.6	41.0	35.6	3.7	2.5	0.0	1.1	515.1	513.1	497.2	466.2	494.2	.	482.7
Northern Ireland	154	129	3.9	35.5	46.2	14.4	17.4	0.0	1.2	511.9	529.5	513.5	523.3	514.8	.	538.5
Norway	227	179	13.3	37.3	44.4	5.0	16.9	0.0	3.5	537.4	539.0	538.2	549.4	532.2	.	533.0
Oman	357	346	48.0	43.3	8.6	0.1	0.6	0.0	1.9	437.0	426.1	421.6	411.9	399.2	.	442.7
Poland	254	252	30.1	54.9	13.9	1.1	0.0	0.0	0.6	548.4	546.2	550.1	538.0	.	.	532.0
Portugal	322	305	15.1	39.1	39.3	6.5	5.1	0.0	0.7	506.1	506.6	508.2	527.1	502.5	.	487.4
Qatar	227	223	62.1	30.4	7.5	0.0	0.0	0.0	2.2	430.8	438.1	469.9	502.6	.	.	449.6
Russian Federation	217	217	11.6	65.1	22.8	0.5	0.0	0.0	0.0	562.9	570.9	559.2	543.8	.	.	.
Saudi Arabia	189	186	36.9	40.1	20.2	2.8	0.5	0.0	0.8	400.4	386.9	387.8	334.7	351.8	.	382.1
Serbia	192	192	15.6	39.1	42.7	2.7	0.0	0.0	0.0	537.0	527.8	515.8	542.4	.	.	.
Singapore	358	351	21.2	48.3	29.1	1.4	1.5	0.0	0.7	606.0	593.4	575.6	581.9	598.2	.	534.6
Slovak Republic	328	315	21.4	53.9	23.2	1.4	1.1	0.0	3.0	523.7	524.9	506.5	508.3	549.3	.	521.8
Slovenia	256	238	14.3	52.3	31.1	2.3	5.4	0.0	0.9	540.3	542.3	545.5	546.6	533.3	.	541.1
Spain	393	369	14.7	34.0	40.2	11.1	4.1	0.0	1.0	526.6	518.7	517.6	506.9	519.3	.	519.6
Sweden	212	202	20.7	43.3	33.7	2.3	3.4	0.0	1.0	545.5	535.3	542.2	570.5	532.4	.	531.9
Turkey	251	250	27.0	50.7	21.6	0.8	0.0	0.0	0.2	498.5	485.3	467.7	332.0	.	.	297.4
United Arab Emirates	840	718	43.7	43.3	12.1	0.8	8.8	0.0	1.9	474.2	443.4	431.4	424.5	414.4	.	432.8
United States	492	416	23.8	42.6	31.0	2.5	12.7	0.0	3.1	547.6	554.0	533.7	511.7	547.0	.	562.5
International Avg (n=47)	13512	12597	22.6	43.5	29.7	4.2	4.3	0.0	1.4	509.9	506.5	503.5	498.0	495.7	.	498.8
Buenos Aires, Argentina	291	124	38.7	47.1	13.7	0.5	53.9	0.0	3.1	434.4	412.5	413.5	322.8	416.8	.	396.9
Ontario, Canada	275	238	12.0	47.4	35.8	4.9	7.2	0.0	5.4	530.6	531.3	530.0	535.8	516.1	.	539.6
Quebec, Canada	151	137	14.8	30.9	38.9	15.4	5.9	0.0	3.3	523.4	528.4	525.9	507.1	533.6	.	538.3
Norway (4)	223	183	8.1	32.6	55.7	3.6	12.4	0.0	3.3	492.0	496.1	490.6	512.8	491.7	.	490.8
Abu Dhabi, UAE	212	179	37.8	47.3	14.2	0.7	10.1	0.0	0.3	444.3	402.9	389.6	377.8	399.5	.	398.4
Dubai, UAE	290	246	48.2	42.8	9.0	0.0	8.1	0.0	2.7	526.2	530.5	510.6	.	442.3	.	456.2
Florida, US	120	92	31.4	30.1	28.1	10.4	20.6	0.0	1.6	547.7	550.8	557.8	538.4	542.1	.	536.7

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-03a (ATBS03A)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	30.0	36.7	31.9	1.5	8.8	0.0	3.7	517.8	534.9	524.8	517.7	499.5	.	517.3
Bahrain	345	337	68.0	14.2	16.9	0.8	2.5	0.0	0.2	454.2	462.4	479.8	433.9	427.2	.	509.3
Belgium (Flemish)	295	288	44.2	33.5	20.0	2.4	1.2	0.0	0.7	514.2	509.2	510.7	507.9	500.5	.	508.6
Bulgaria	233	232	97.4	0.7	2.0	0.0	0.0	0.0	0.1	535.5	545.5	538.3	.	.	.	618.0
Canada	699	624	36.8	39.8	22.4	1.1	6.4	0.0	3.8	520.8	524.8	528.5	541.3	523.5	.	537.8
Chile	180	158	77.0	18.0	5.0	0.0	6.9	0.0	4.0	474.7	487.4	499.1	.	473.8	.	473.5
Chinese Taipei	178	176	25.0	45.9	29.1	0.0	0.0	0.0	1.3	562.2	550.8	557.4	.	.	.	535.4
Croatia	223	219	86.4	9.6	3.9	0.0	1.5	0.0	0.3	533.0	540.1	524.4	.	531.0	.	569.9
Cyprus	242	236	85.9	8.3	4.3	1.5	1.1	0.0	1.0	480.8	482.8	486.1	494.7	494.5	.	457.6
Czech Republic	265	262	69.3	25.6	4.8	0.3	0.8	0.0	1.0	533.3	537.2	535.1	494.4	542.1	.	539.2
Denmark	196	165	41.0	40.7	18.2	0.0	12.8	0.0	1.1	528.7	527.0	525.1	.	528.1	.	486.6
England	214	175	43.6	31.7	24.7	0.0	15.0	0.0	0.7	542.1	534.9	535.4	.	522.3	.	543.2
Finland	341	326	65.4	26.0	8.6	0.0	4.3	0.0	0.1	550.4	560.8	557.4	.	557.1	.	505.7
France	273	252	32.9	39.7	23.7	3.7	5.7	0.0	2.4	481.1	489.0	498.5	474.0	472.7	.	495.6
Georgia	188	186	83.2	7.0	8.5	1.3	0.7	0.0	0.3	453.2	455.9	435.5	408.5	438.4	.	463.1
Germany	226	191	30.9	28.8	39.9	0.4	10.8	0.0	3.7	533.2	526.2	527.9	529.2	534.0	.	498.4
Hong Kong SAR	148	142	28.3	43.1	28.0	0.7	1.1	0.0	2.8	552.2	551.7	567.0	476.0	549.3	.	589.9
Hungary	244	237	73.5	14.0	11.4	1.0	1.1	0.0	1.6	539.8	552.3	539.3	578.6	588.9	.	516.4
Indonesia	293	292	78.3	13.3	8.2	0.3	0.5	0.0	0.0	391.0	415.4	418.7	497.4	369.7	.	.
Iran, Islamic Rep. of	291	290	79.5	13.0	7.5	0.0	0.0	0.0	0.2	418.5	417.4	451.6	.	.	.	497.2
Ireland	214	211	49.9	33.4	16.7	0.0	0.0	0.0	1.0	530.0	526.3	532.2	.	.	.	503.7
Italy	257	242	77.3	9.7	10.7	2.4	3.9	0.0	1.9	516.2	518.1	521.2	497.2	517.3	.	515.2
Japan	157	152	57.2	28.7	14.0	0.0	0.3	0.0	2.5	567.3	570.8	573.3	.	545.1	.	566.3
Kazakhstan	239	232	89.0	3.7	7.3	0.0	0.5	0.0	2.4	545.0	587.9	588.5	.	529.8	.	545.4
Korea, Rep. of	182	181	62.7	32.0	5.3	0.0	0.6	0.0	0.0	587.9	592.0	589.5	.	594.1	.	.
Kuwait	294	278	68.5	19.0	10.1	2.4	7.9	0.0	0.5	340.1	334.8	318.4	409.6	322.9	.	318.2
Lithuania	291	285	66.1	22.0	11.9	0.0	1.1	0.0	0.0	529.5	523.0	530.0	.	492.7	.	374.7
Morocco	367	316	81.0	8.0	10.6	0.3	6.0	0.0	7.6	353.7	333.3	354.5	473.6	338.6	.	359.4
Netherlands	223	167	51.8	25.5	22.3	0.4	21.4	0.0	1.9	520.6	525.9	500.3	532.9	516.1	.	514.9
New Zealand	461	433	10.5	29.2	55.6	4.8	2.5	0.0	2.9	497.0	514.9	505.0	479.9	494.2	.	503.9
Northern Ireland	154	131	20.7	33.8	41.7	3.7	17.4	0.0	0.0	517.3	522.6	520.6	527.2	514.8	.	.
Norway	227	178	34.3	39.1	25.0	1.6	16.9	0.0	4.2	536.7	539.0	541.0	557.0	532.2	.	533.1
Oman	357	345	79.4	9.5	9.0	2.1	0.6	0.0	2.0	433.1	425.6	428.0	403.5	399.2	.	422.3
Poland	254	252	84.9	11.6	3.5	0.0	0.0	0.0	0.5	546.6	548.2	561.6	.	.	.	518.5
Portugal	322	306	70.1	18.3	11.6	0.0	5.1	0.0	0.5	506.6	512.4	513.1	.	502.5	.	495.9
Qatar	227	223	65.4	17.3	15.3	2.0	0.0	0.0	2.6	433.5	435.4	435.9	500.3	.	.	462.7
Russian Federation	217	212	56.5	26.4	15.9	1.2	0.0	0.0	1.9	560.2	577.3	576.3	601.6	.	.	537.8
Saudi Arabia	189	185	67.4	17.3	8.8	6.5	0.5	0.0	1.3	403.4	359.4	375.3	350.5	351.8	.	438.5
Serbia	192	190	80.3	12.0	7.7	0.0	0.0	0.0	1.0	526.1	524.3	506.3	.	.	.	536.7
Singapore	358	351	37.8	41.3	19.8	1.1	1.5	0.0	0.7	582.9	594.6	595.2	634.0	598.2	.	534.6
Slovak Republic	328	324	70.8	18.6	10.3	0.2	1.1	0.0	0.3	518.0	515.8	542.6	548.5	549.3	.	519.9
Slovenia	256	238	45.2	34.9	17.8	2.1	5.4	0.0	1.1	544.1	541.3	545.2	548.9	533.3	.	517.1
Spain	393	371	69.1	21.1	9.8	0.0	4.1	0.0	0.8	522.3	506.1	514.5	.	519.3	.	518.6
Sweden	212	198	50.9	32.2	16.9	0.0	3.4	0.0	3.5	535.6	545.6	544.5	.	532.4	.	544.0
Turkey	251	251	89.4	7.9	2.4	0.3	0.0	0.0	0.0	483.8	478.1	480.6	528.3	.	.	.
United Arab Emirates	840	711	52.9	25.2	17.1	4.8	8.9	0.0	3.3	443.5	450.5	475.9	520.2	414.6	.	462.8
United States	492	415	37.9	33.3	25.8	2.9	12.7	0.0	3.4	539.4	550.8	548.0	527.7	547.0	.	562.4
International Avg (n=47)	13512	12580	59.7	23.4	15.8	1.1	4.3	0.0	1.6	505.0	507.6	509.7	503.2	497.3	.	503.9
Buenos Aires, Argentina	291	125	71.9	13.8	10.3	4.0	53.9	0.0	2.5	419.4	411.5	416.8	478.0	416.8	.	395.2
Ontario, Canada	275	238	26.9	42.5	29.3	1.3	7.2	0.0	5.5	519.9	535.3	535.1	534.1	516.1	.	538.0
Quebec, Canada	151	138	58.0	32.5	8.6	1.0	5.9	0.0	3.2	522.6	520.9	531.1	583.0	533.6	.	540.6
Norway (4)	223	183	35.0	44.5	19.6	0.9	12.4	0.0	3.5	491.6	495.2	492.4	465.6	491.7	.	494.6
Abu Dhabi, UAE	212	180	51.3	32.7	12.6	3.4	10.1	0.0	1.2	423.8	423.3	390.1	392.3	399.5	.	282.7
Dubai, UAE	290	243	33.8	27.2	28.1	11.0	8.1	0.0	4.2	498.7	510.8	543.3	582.7	442.3	.	543.6
Florida, US	120	89	36.4	28.3	31.8	3.5	20.6	0.0	4.3	547.4	552.7	553.3	527.8	542.1	.	552.9

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-03b (ATBS03B)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	11.6	43.0	42.0	3.4	8.8	0.0	3.7	529.0	529.0	523.7	514.7	499.5	.	517.3
Bahrain	345	338	39.7	33.4	26.0	1.0	2.5	0.0	0.0	459.6	459.7	460.3	437.8	427.2	.	.
Belgium (Flemish)	295	287	8.1	27.9	62.5	1.5	1.2	0.0	1.0	490.6	510.6	514.3	536.8	500.5	.	506.6
Bulgaria	233	232	19.8	34.4	45.8	0.0	0.0	0.0	0.1	519.9	544.5	535.8	.	.	.	618.0
Canada	699	624	11.2	36.2	48.7	4.0	6.4	0.0	3.9	516.8	520.6	528.3	529.3	523.5	.	538.0
Chile	180	160	29.9	38.0	30.4	1.7	6.9	0.0	2.1	478.0	480.3	476.1	494.1	473.8	.	452.3
Chinese Taipei	178	178	18.0	50.7	31.3	0.0	0.0	0.0	0.0	558.9	554.2	555.0	.	.	.	.
Croatia	223	219	38.9	27.5	33.6	0.0	1.5	0.0	0.3	535.4	533.4	531.0	.	531.0	.	569.9
Cyprus	242	236	51.0	39.2	9.7	0.0	1.1	0.0	0.9	480.1	479.6	493.7	.	494.5	.	475.0
Czech Republic	265	262	20.4	41.1	38.1	0.3	0.8	0.0	1.0	536.9	530.4	537.1	531.0	542.1	.	539.2
Denmark	196	166	8.2	31.3	58.5	2.0	12.8	0.0	0.6	529.9	526.0	527.4	519.4	528.1	.	506.2
England	214	175	8.7	36.5	52.1	2.8	15.0	0.0	0.7	541.5	550.9	527.9	553.4	522.3	.	543.2
Finland	341	325	18.9	41.7	39.4	0.0	4.3	0.0	0.4	546.9	554.5	556.1	.	557.1	.	542.3
France	273	253	7.7	40.4	49.2	2.7	5.7	0.0	2.0	488.1	490.3	487.0	487.7	472.7	.	481.2
Georgia	188	185	44.5	19.2	36.3	0.0	0.7	0.0	1.0	450.7	454.0	450.0	.	438.4	.	478.5
Germany	226	196	11.7	40.2	48.1	0.0	10.8	0.0	2.2	533.3	532.8	523.9	.	534.0	.	496.3
Hong Kong SAR	148	142	9.3	27.6	60.8	2.3	1.1	0.0	2.8	561.3	549.4	558.3	536.9	549.3	.	589.9
Hungary	244	237	27.8	30.3	41.0	0.9	1.1	0.0	1.6	541.3	543.8	541.1	533.3	588.9	.	516.4
Indonesia	293	292	35.4	33.1	30.1	1.4	0.5	0.0	0.0	387.3	414.1	390.3	365.8	369.7	.	.
Iran, Islamic Rep. of	291	290	55.9	30.1	14.0	0.0	0.0	0.0	0.2	414.5	427.2	432.4	.	.	.	497.2
Ireland	214	211	14.8	38.3	44.4	2.4	0.0	0.0	1.0	534.5	525.1	531.9	509.0	.	.	503.7
Italy	257	243	33.9	32.4	33.4	0.4	3.9	0.0	1.9	510.5	521.9	518.3	517.1	517.3	.	497.5
Japan	157	152	31.2	40.2	28.6	0.0	0.3	0.0	2.5	573.8	568.6	564.9	.	545.1	.	566.3
Kazakhstan	239	233	55.7	22.3	21.9	0.0	0.5	0.0	2.2	549.0	567.7	533.7	.	529.8	.	543.6
Korea, Rep. of	182	181	23.6	43.3	32.4	0.7	0.6	0.0	0.0	585.7	590.4	590.6	581.8	594.1	.	.
Kuwait	294	275	36.8	31.6	30.3	1.2	7.9	0.0	1.5	328.5	329.4	357.5	408.2	322.9	.	332.5
Lithuania	291	285	17.2	26.1	56.7	0.0	1.1	0.0	0.0	526.6	522.9	531.0	.	492.7	.	374.7
Morocco	367	315	40.3	25.8	32.4	1.5	6.0	0.0	7.5	354.3	346.3	353.0	342.8	338.6	.	369.6
Netherlands	223	168	9.7	25.7	60.7	3.9	21.4	0.0	1.4	519.5	522.4	515.0	517.5	516.1	.	515.1
New Zealand	461	434	7.4	36.6	50.1	5.9	2.5	0.0	2.8	511.1	512.6	500.4	501.8	494.2	.	508.6
Northern Ireland	154	131	3.7	23.1	66.6	6.6	17.4	0.0	0.0	496.6	510.5	525.7	521.5	514.8	.	.
Norway	227	178	1.3	24.8	69.3	4.6	16.9	0.0	4.2	540.1	535.1	539.8	546.8	532.2	.	533.1
Oman	357	346	52.5	28.0	19.2	0.4	0.6	0.0	1.8	435.0	423.7	433.1	396.0	399.2	.	422.3
Poland	254	252	24.5	41.6	33.9	0.0	0.0	0.0	0.7	540.0	549.1	550.8	.	.	.	513.9
Portugal	322	306	20.7	28.5	50.3	0.5	5.1	0.0	0.5	506.0	507.3	510.6	452.3	502.5	.	495.9
Qatar	227	223	43.1	30.9	26.0	0.0	0.0	0.0	2.6	426.3	449.7	434.1	.	.	.	462.7
Russian Federation	217	216	16.7	37.0	45.4	0.9	0.0	0.0	0.3	569.5	563.7	570.9	521.2	.	.	456.0
Saudi Arabia	189	185	40.5	38.8	20.6	0.0	0.5	0.0	1.3	403.6	383.4	375.1	.	351.8	.	438.5
Serbia	192	191	29.7	40.4	30.0	0.0	0.0	0.0	0.3	526.2	526.3	520.2	.	.	.	533.5
Singapore	358	351	19.9	38.7	38.8	2.7	1.5	0.0	0.7	581.2	595.1	590.7	600.3	598.2	.	534.6
Slovak Republic	328	323	30.8	44.9	24.3	0.0	1.1	0.0	0.5	523.9	518.2	518.6	.	549.3	.	536.5
Slovenia	256	238	14.9	44.1	40.1	0.9	5.4	0.0	1.1	533.0	547.2	542.8	555.3	533.3	.	517.1
Spain	393	371	28.5	30.5	40.8	0.3	4.1	0.0	0.2	516.2	521.2	517.2	508.2	519.3	.	534.7
Sweden	212	200	8.0	23.7	65.6	2.7	3.4	0.0	2.1	542.0	543.1	540.0	524.1	532.4	.	540.9
Turkey	251	251	47.0	19.5	32.4	1.0	0.0	0.0	0.0	486.4	477.5	482.2	497.6	.	.	.
United Arab Emirates	840	719	42.7	32.0	24.3	0.9	8.9	0.0	1.8	464.7	447.8	449.3	506.3	414.6	.	398.1
United States	492	416	18.6	32.6	42.3	6.5	12.7	0.0	3.2	545.8	544.8	545.6	538.6	547.0	.	567.4
International Avg (n=47)	13512	12605	25.3	33.7	39.5	1.4	4.3	0.0	1.4	504.9	507.2	506.2	502.8	497.3	.	501.6
Buenos Aires, Argentina	291	124	34.3	24.9	38.8	2.0	53.9	0.0	2.7	420.6	411.0	429.2	391.2	416.8	.	388.2
Ontario, Canada	275	236	8.0	33.5	54.0	4.4	7.2	0.0	6.0	521.7	523.9	536.1	540.3	516.1	.	537.8
Quebec, Canada	151	138	11.6	28.0	58.4	1.9	5.9	0.0	3.2	523.8	527.8	522.3	487.7	533.6	.	540.6
Norway (4)	223	183	5.0	21.1	72.1	1.8	12.4	0.0	3.5	493.7	502.5	490.5	484.9	491.7	.	494.6
Abu Dhabi, UAE	212	180	39.7	34.5	25.2	0.6	10.1	0.0	1.2	430.3	397.9	424.6	538.3	399.5	.	282.7
Dubai, UAE	290	247	40.9	29.3	28.2	1.6	8.1	0.0	1.9	528.0	528.5	519.7	538.3	442.3	.	458.3
Florida, US	120	89	20.7	32.7	40.9	5.7	20.6	0.0	4.3	550.7	554.4	550.6	519.5	542.1	.	552.9

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-03c (ATBS03C)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	6.8	27.9	58.2	7.1	8.8	0.0	3.7	520.2	524.6	527.3	530.4	499.5	.	517.3
Bahrain	345	336	46.9	29.9	21.6	1.5	2.5	0.0	5.5	460.1	462.2	468.8	446.6	427.2	.	413.2
Belgium (Flemish)	295	287	2.1	5.3	78.5	14.0	1.2	0.0	0.9	493.9	510.6	511.7	514.6	500.5	.	505.9
Bulgaria	233	232	22.6	24.5	52.4	0.5	0.0	0.0	0.1	531.3	525.7	542.3	519.3	.	.	618.0
Canada	699	625	6.7	33.7	55.5	4.1	6.4	0.0	3.8	515.8	520.8	526.7	532.3	523.5	.	540.1
Chile	180	158	13.8	37.7	45.7	2.8	6.9	0.0	3.2	470.9	476.4	482.8	500.8	473.8	.	442.7
Chinese Taipei	178	176	14.9	42.3	41.9	1.0	0.0	0.0	1.4	552.3	553.7	558.1	553.8	.	.	552.1
Croatia	223	219	40.5	21.6	37.3	0.6	1.5	0.0	0.3	532.5	533.3	534.4	525.9	531.0	.	569.9
Cyprus	242	237	37.7	37.4	21.4	3.5	1.1	0.0	0.5	476.7	478.3	487.3	525.7	494.5	.	456.4
Czech Republic	265	262	6.8	20.4	68.3	4.5	0.8	0.0	1.0	538.1	533.3	534.1	535.4	542.1	.	539.2
Denmark	196	166	0.8	13.5	67.4	18.3	12.8	0.0	0.6	543.7	508.9	530.4	527.2	528.1	.	506.2
England	214	174	7.7	37.7	48.4	6.3	15.0	0.0	1.3	538.3	539.0	541.1	515.6	522.3	.	522.5
Finland	341	326	6.0	18.0	70.7	5.3	4.3	0.0	0.1	538.7	550.3	556.4	547.5	557.1	.	505.7
France	273	254	2.1	20.9	63.5	13.5	5.7	0.0	2.0	459.4	483.3	490.9	486.1	472.7	.	502.3
Georgia	188	186	18.3	16.6	60.4	4.7	0.7	0.0	0.2	447.3	461.8	452.0	422.5	438.4	.	428.8
Germany	226	195	2.4	20.3	71.2	6.1	10.8	0.0	2.6	555.5	529.9	529.3	507.1	534.0	.	499.4
Hong Kong SAR	148	141	8.2	28.2	59.9	3.6	1.1	0.0	3.2	558.2	559.8	554.8	538.5	549.3	.	578.4
Hungary	244	237	24.2	20.2	54.5	1.1	1.1	0.0	1.6	536.4	547.3	542.9	512.5	588.9	.	516.4
Indonesia	293	291	36.6	22.4	40.8	0.2	0.5	0.0	0.2	397.5	414.2	387.6	274.8	369.7	.	324.5
Iran, Islamic Rep. of	291	289	59.2	24.0	13.4	3.4	0.0	0.0	0.9	419.3	410.7	428.7	476.9	.	.	485.5
Ireland	214	211	13.8	35.6	47.7	2.9	0.0	0.0	1.0	538.3	528.3	527.1	529.0	.	.	503.7
Italy	257	242	24.5	23.9	49.4	2.2	3.9	0.0	2.3	513.0	515.5	518.3	541.5	517.3	.	500.1
Japan	157	152	24.1	31.1	43.2	1.5	0.3	0.0	2.5	571.4	567.1	569.1	579.0	545.1	.	566.3
Kazakhstan	239	232	39.0	25.4	35.2	0.4	0.5	0.0	3.1	555.1	564.1	534.8	631.2	529.8	.	522.0
Korea, Rep. of	182	181	24.3	31.2	40.8	3.7	0.6	0.0	0.0	585.1	585.1	593.8	602.5	594.1	.	.
Kuwait	294	276	52.1	25.6	20.3	2.0	7.9	0.0	1.2	329.9	349.8	339.2	419.1	322.9	.	324.7
Lithuania	291	285	9.3	23.4	65.8	1.5	1.1	0.0	0.0	502.4	534.6	530.2	496.9	492.7	.	374.7
Morocco	367	315	66.0	16.4	16.5	1.2	6.0	0.0	8.0	358.5	336.6	344.3	361.8	338.6	.	358.3
Netherlands	223	168	3.3	8.7	74.5	13.6	21.4	0.0	1.4	535.6	513.7	516.5	520.4	516.1	.	515.1
New Zealand	461	436	3.2	21.5	66.9	8.3	2.5	0.0	2.4	493.7	508.5	505.2	508.2	494.2	.	506.5
Northern Ireland	154	131	2.4	12.0	75.6	10.1	17.4	0.0	0.0	505.0	517.9	521.8	520.9	514.8	.	.
Norway	227	178	0.9	17.4	72.7	9.0	16.9	0.0	4.2	551.9	534.0	540.0	539.1	532.2	.	533.1
Oman	357	343	63.5	25.5	8.9	2.1	0.6	0.0	2.7	431.6	424.2	440.3	444.0	399.2	.	446.0
Poland	254	251	18.7	29.9	50.7	0.6	0.0	0.0	1.0	543.6	547.6	548.9	518.8	.	.	534.5
Portugal	322	303	13.0	24.3	60.7	2.1	5.1	0.0	1.4	505.5	503.3	511.5	504.2	502.5	.	493.8
Qatar	227	223	36.5	29.1	32.9	1.4	0.0	0.0	2.6	422.7	435.4	450.6	418.8	.	.	462.7
Russian Federation	217	216	8.2	31.5	58.9	1.3	0.0	0.0	0.3	561.2	564.8	571.0	522.2	.	.	456.0
Saudi Arabia	189	185	56.1	32.9	10.0	1.0	0.5	0.0	1.3	405.6	366.2	389.5	289.6	351.8	.	438.5
Serbia	192	191	30.0	29.8	39.9	0.3	0.0	0.0	0.3	524.1	527.8	521.5	626.7	.	.	533.5
Singapore	358	351	16.4	42.8	40.6	0.2	1.5	0.0	0.7	575.2	595.0	592.6	568.6	598.2	.	534.6
Slovak Republic	328	323	19.3	38.0	42.6	0.1	1.1	0.0	0.5	523.8	519.2	519.3	320.3	549.3	.	556.3
Slovenia	256	238	10.0	28.9	56.3	4.8	5.4	0.0	1.1	544.3	541.8	543.7	548.3	533.3	.	517.1
Spain	393	370	8.2	14.8	67.4	9.6	4.1	0.0	0.7	517.3	523.2	517.5	513.5	519.3	.	544.5
Sweden	212	201	8.3	16.1	70.0	5.5	3.4	0.0	1.7	551.5	535.5	539.2	556.8	532.4	.	532.5
Turkey	251	248	56.8	20.8	20.0	2.4	0.0	0.0	1.1	489.2	478.2	471.4	501.3	.	.	458.1
United Arab Emirates	840	717	37.7	29.6	30.1	2.6	8.9	0.0	2.2	442.9	460.9	463.4	504.2	414.6	.	404.9
United States	492	415	11.2	23.6	54.8	10.4	12.7	0.0	3.4	526.1	550.3	546.2	547.7	547.0	.	562.4
International Avg (n=47)	13512	12587	21.7	25.4	48.6	4.3	4.3	0.0	1.7	504.1	505.4	507.5	502.7	497.3	.	493.4
Buenos Aires, Argentina	291	124	17.1	26.3	40.0	16.5	53.9	0.0	2.7	393.6	425.2	427.7	426.4	416.8	.	388.2
Ontario, Canada	275	238	2.8	29.6	63.0	4.6	7.2	0.0	5.5	502.9	529.7	533.0	531.0	516.1	.	538.0
Quebec, Canada	151	138	18.8	34.4	42.2	4.6	5.9	0.0	3.2	520.6	513.1	531.7	534.3	533.6	.	540.6
Norway (4)	223	182	1.3	9.0	81.8	7.9	12.4	0.0	4.0	500.5	502.2	491.3	499.5	491.7	.	496.4
Abu Dhabi, UAE	212	177	26.2	35.6	36.0	2.2	10.1	0.0	2.4	408.1	443.8	400.8	409.1	399.5	.	352.7
Dubai, UAE	290	247	25.5	27.9	40.7	5.8	8.1	0.0	2.2	502.1	507.0	548.7	566.2	442.3	.	459.3
Florida, US	120	89	6.4	34.0	49.7	9.9	20.6	0.0	4.3	545.2	556.5	546.3	550.2	542.1	.	552.9



Question: In teaching science to the students in this class, how often do you ask them to do the following? Design or plan experiments or investigations  
 Location: TQS-03d (ATBS03D)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	8.4	42.4	45.1	4.1	8.8	0.0	3.7	522.8	527.1	528.3	503.9	499.5	.	517.3
Bahrain	345	337	23.1	36.6	39.3	1.0	2.5	0.0	0.1	461.3	462.5	456.2	437.8	427.2	.	526.1
Belgium (Flemish)	295	286	2.5	9.9	73.9	13.7	1.2	0.0	1.1	493.4	503.2	514.3	507.3	500.5	.	507.0
Bulgaria	233	231	6.1	15.4	72.3	6.1	0.0	0.0	0.6	501.7	544.1	535.1	552.2	.	.	577.5
Canada	699	623	7.5	33.6	51.8	7.1	6.4	0.0	4.0	527.3	520.3	524.5	538.4	523.5	.	537.7
Chile	180	159	7.7	32.2	54.8	5.3	6.9	0.0	2.7	455.1	482.1	480.1	480.1	473.8	.	450.7
Chinese Taipei	178	178	16.5	43.8	36.3	3.4	0.0	0.0	0.0	553.1	554.5	557.0	557.3	.	.	.
Croatia	223	219	15.0	16.8	63.7	4.5	1.5	0.0	0.3	530.5	534.8	533.3	537.7	531.0	.	569.9
Cyprus	242	237	46.8	35.0	17.1	1.1	1.1	0.0	0.5	480.8	482.4	479.2	496.0	494.5	.	456.4
Czech Republic	265	262	2.7	15.9	68.5	12.9	0.8	0.0	1.0	529.2	543.4	531.9	536.8	542.1	.	539.2
Denmark	196	166	6.5	35.8	53.3	4.4	12.8	0.0	0.6	517.2	527.1	529.0	516.4	528.1	.	506.2
England	214	174	14.6	52.0	33.4	0.0	15.0	0.0	1.1	543.1	538.0	536.0	.	522.3	.	546.1
Finland	341	326	0.5	7.5	72.1	19.9	4.3	0.0	0.1	567.9	560.0	553.4	552.1	557.1	.	505.7
France	273	256	5.7	35.3	54.1	4.9	5.7	0.0	0.9	498.4	487.7	488.8	474.6	472.7	.	490.6
Georgia	188	185	9.0	19.2	69.7	2.1	0.7	0.0	0.8	457.9	447.7	450.2	481.3	438.4	.	484.0
Germany	226	195	2.4	21.8	67.1	8.7	10.8	0.0	2.4	551.1	533.8	527.2	520.3	534.0	.	497.7
Hong Kong SAR	148	141	3.3	23.8	65.3	7.6	1.1	0.0	3.4	538.9	571.7	551.9	547.3	549.3	.	578.8
Hungary	244	237	2.2	11.1	77.5	9.2	1.1	0.0	1.6	539.0	538.1	541.8	547.6	588.9	.	516.4
Indonesia	293	290	26.9	28.2	43.1	1.8	0.5	0.0	0.9	408.5	403.4	387.0	356.9	369.7	.	384.2
Iran, Islamic Rep. of	291	289	43.0	40.9	16.1	0.0	0.0	0.0	0.5	427.8	408.9	431.8	.	.	.	483.6
Ireland	214	211	14.5	39.0	40.5	6.0	0.0	0.0	1.0	538.1	530.2	524.6	531.6	.	.	503.7
Italy	257	241	13.6	33.5	51.0	1.9	3.9	0.0	2.5	508.4	516.3	519.3	516.3	517.3	.	505.8
Japan	157	152	27.4	40.7	30.1	1.9	0.3	0.0	2.5	568.4	571.2	567.0	569.6	545.1	.	566.3
Kazakhstan	239	233	27.3	27.6	45.1	0.0	0.5	0.0	2.2	545.7	559.3	546.4	.	529.8	.	543.6
Korea, Rep. of	182	181	34.6	41.5	21.7	2.1	0.6	0.0	0.0	591.5	587.0	590.6	584.5	594.1	.	.
Kuwait	294	275	30.4	35.2	32.4	2.1	7.9	0.0	1.4	357.2	317.6	340.5	374.4	322.9	.	353.0
Lithuania	291	285	2.6	20.0	73.6	3.8	1.1	0.0	0.0	519.9	522.8	530.9	508.3	492.7	.	374.7
Morocco	367	312	31.3	25.9	38.6	4.1	6.0	0.0	8.0	360.1	342.7	354.2	309.7	338.6	.	372.7
Netherlands	223	168	1.6	10.1	72.6	15.7	21.4	0.0	1.4	520.8	526.4	514.3	526.0	516.1	.	515.1
New Zealand	461	434	5.0	37.0	50.0	7.9	2.5	0.0	3.0	515.6	509.1	503.2	497.9	494.2	.	512.1
Northern Ireland	154	131	2.2	20.6	70.7	6.6	17.4	0.0	0.0	506.7	519.4	521.5	522.6	514.8	.	.
Norway	227	178	0.6	19.6	74.4	5.4	16.9	0.0	4.2	536.2	537.3	539.2	542.7	532.2	.	533.1
Oman	357	347	49.0	33.4	17.1	0.4	0.6	0.0	1.6	432.2	420.5	451.2	318.8	399.2	.	435.6
Poland	254	252	6.6	23.6	67.6	2.3	0.0	0.0	0.6	556.5	537.6	550.1	538.8	.	.	532.7
Portugal	322	305	5.5	24.1	68.2	2.2	5.1	0.0	0.5	499.1	510.5	508.2	515.7	502.5	.	495.3
Qatar	227	223	34.0	31.8	33.9	0.3	0.0	0.0	2.6	418.1	446.8	442.3	450.1	.	.	462.7
Russian Federation	217	215	5.5	26.7	66.7	1.1	0.0	0.0	0.6	555.1	570.9	567.7	550.0	.	.	484.5
Saudi Arabia	189	185	24.6	39.1	33.9	2.4	0.5	0.0	1.3	398.2	388.9	387.2	358.0	351.8	.	438.5
Serbia	192	191	9.3	23.1	66.1	1.6	0.0	0.0	0.3	529.0	525.6	523.3	529.9	.	.	533.5
Singapore	358	351	8.9	31.1	48.9	11.1	1.5	0.0	0.7	588.4	597.9	590.6	573.2	598.2	.	534.6
Slovak Republic	328	324	12.3	30.4	51.4	6.0	1.1	0.0	0.3	534.5	523.3	516.0	510.9	549.3	.	519.9
Slovenia	256	238	2.9	27.6	65.1	4.5	5.4	0.0	1.1	548.2	540.5	544.1	547.4	533.3	.	517.1
Spain	393	369	4.3	17.7	68.9	9.1	4.1	0.0	1.3	520.9	521.3	517.7	513.1	519.3	.	527.1
Sweden	212	201	9.2	20.2	65.1	5.6	3.4	0.0	1.7	551.5	543.7	539.4	525.5	532.4	.	532.5
Turkey	251	251	23.7	29.8	41.7	4.9	0.0	0.0	0.0	487.5	482.4	481.7	483.5	.	.	.
United Arab Emirates	840	717	37.3	35.6	25.4	1.7	8.9	0.0	2.2	466.2	450.9	448.3	488.0	414.6	.	382.0
United States	492	415	12.8	26.7	50.7	9.8	12.7	0.0	3.4	539.8	545.2	547.6	538.5	547.0	.	562.4
International Avg (n=47)	13512	12590	14.6	28.3	52.0	5.1	4.3	0.0	1.5	506.4	506.7	506.5	501.6	497.3	.	498.0
Buenos Aires, Argentina	291	123	12.6	23.8	52.5	11.0	53.9	0.0	3.5	416.2	410.4	430.4	399.1	416.8	.	402.6
Ontario, Canada	275	237	5.7	33.5	52.0	8.8	7.2	0.0	6.0	517.1	531.6	529.3	547.3	516.1	.	538.8
Quebec, Canada	151	137	11.8	27.9	54.3	6.0	5.9	0.0	3.4	537.2	517.6	523.1	524.9	533.6	.	539.5
Norway (4)	223	183	0.3	7.9	79.7	12.1	12.4	0.0	3.5	512.7	503.5	490.1	505.7	491.7	.	494.6
Abu Dhabi, UAE	212	179	26.7	35.4	36.3	1.6	10.1	0.0	1.9	420.8	408.1	429.0	434.8	399.5	.	273.7
Dubai, UAE	290	247	42.3	37.8	18.0	1.9	8.1	0.0	1.9	525.2	528.0	518.1	558.8	442.3	.	476.6
Florida, US	120	89	10.4	39.1	40.2	10.3	20.6	0.0	4.3	544.0	549.1	552.7	549.7	542.1	.	552.9

Question: In teaching science to the students in this class, how often do you ask them to do the following? Conduct experiments or investigations  
 Location: TQS-03e (ATBS03E)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	13.7	46.2	39.0	1.1	8.8	0.0	3.7	522.6	533.5	519.0	530.5	499.5	.	517.3
Bahrain	345	335	26.0	38.7	33.6	1.7	2.5	0.0	0.8	473.4	458.8	449.6	448.6	427.2	.	495.1
Belgium (Flemish)	295	287	3.2	12.3	81.0	3.5	1.2	0.0	1.5	492.2	505.1	513.4	508.7	500.5	.	516.1
Bulgaria	233	232	3.7	16.6	77.6	2.1	0.0	0.0	0.1	503.4	543.0	536.5	501.5	.	.	618.0
Canada	699	624	14.3	42.3	41.2	2.2	6.5	0.0	3.8	527.4	523.7	524.5	509.7	524.1	.	538.7
Chile	180	159	9.7	25.4	58.9	6.0	6.9	0.0	2.3	458.0	479.2	481.1	480.6	473.8	.	464.7
Chinese Taipei	178	178	22.7	56.6	20.7	0.0	0.0	0.0	0.0	559.8	552.2	558.8	.	.	.	.
Croatia	223	219	11.7	20.7	65.7	1.9	1.5	0.0	0.3	529.3	535.9	532.7	550.9	531.0	.	569.9
Cyprus	242	237	49.5	34.2	16.4	0.0	1.1	0.0	0.5	483.9	476.4	483.5	.	494.5	.	456.4
Czech Republic	265	262	3.4	18.7	73.8	4.1	0.8	0.0	1.0	541.4	532.6	535.0	522.4	542.1	.	539.2
Denmark	196	166	9.7	40.2	47.9	2.1	12.8	0.0	0.6	518.0	528.6	527.8	519.7	528.1	.	506.2
England	214	175	19.6	54.3	25.5	0.6	15.0	0.0	0.7	542.1	536.9	539.7	462.2	522.3	.	543.2
Finland	341	326	0.9	11.7	81.1	6.3	4.3	0.0	0.1	554.4	551.9	554.4	548.0	557.1	.	505.7
France	273	256	9.8	45.1	43.1	2.1	5.7	0.0	0.9	504.1	486.4	487.0	480.7	472.7	.	490.6
Georgia	188	186	7.1	15.0	75.6	2.3	0.7	0.0	0.4	458.9	455.2	448.9	480.7	438.4	.	462.5
Germany	226	196	4.9	28.9	64.0	2.2	10.8	0.0	2.2	541.1	533.2	526.6	498.6	534.0	.	496.3
Hong Kong SAR	148	142	3.8	25.5	66.9	3.9	1.1	0.0	2.8	567.8	575.9	548.8	528.9	549.3	.	589.9
Hungary	244	236	2.0	12.8	84.0	1.2	1.1	0.0	2.2	529.6	545.7	542.6	553.9	588.9	.	480.4
Indonesia	293	292	22.7	27.6	48.0	1.7	0.5	0.0	0.0	404.3	402.9	393.5	288.8	369.7	.	.
Iran, Islamic Rep. of	291	280	43.2	39.2	17.7	0.0	0.0	0.0	2.7	426.8	417.4	411.5	.	.	.	442.8
Ireland	214	211	18.2	46.0	34.6	1.2	0.0	0.0	1.0	542.7	529.8	520.6	541.5	.	.	503.7
Italy	257	242	14.4	27.4	58.2	0.0	3.9	0.0	2.3	519.5	510.6	519.4	500.4	517.3	.	493.5
Japan	157	152	45.0	50.9	4.1	0.0	0.3	0.0	2.4	570.3	569.2	560.9	.	545.1	.	559.6
Kazakhstan	239	230	24.2	30.4	45.5	0.0	0.5	0.0	2.9	549.9	552.7	548.1	.	529.8	.	540.7
Korea, Rep. of	182	181	50.3	36.7	13.0	0.0	0.6	0.0	0.0	590.1	588.5	588.6	.	594.1	.	.
Kuwait	294	275	31.9	36.8	30.0	1.2	7.9	0.0	1.6	338.6	330.5	345.1	421.8	322.9	.	332.1
Lithuania	291	283	1.8	19.6	78.1	0.5	1.1	0.0	0.7	497.0	527.5	528.9	549.2	492.7	.	512.4
Morocco	367	313	33.1	23.0	41.1	2.7	6.0	0.0	7.8	365.4	343.5	347.9	322.7	338.6	.	364.9
Netherlands	223	167	2.3	9.1	81.0	7.6	21.4	0.0	1.7	536.8	515.2	516.8	520.1	516.1	.	518.4
New Zealand	461	435	10.4	42.2	44.1	3.3	2.5	0.0	2.6	519.4	507.8	501.0	501.0	494.2	.	506.4
Northern Ireland	154	131	2.2	23.3	69.9	4.7	17.4	0.0	0.0	506.7	524.2	519.8	525.6	514.8	.	.
Norway	227	178	2.5	26.4	70.8	0.3	16.9	0.0	4.2	529.2	539.3	539.2	546.0	532.2	.	533.1
Oman	357	346	57.6	29.3	12.7	0.4	0.6	0.0	1.9	432.8	430.2	429.9	318.8	399.2	.	427.7
Poland	254	253	5.3	21.5	71.9	1.3	0.0	0.0	0.3	556.8	542.0	548.4	533.8	.	.	519.0
Portugal	322	303	5.5	22.8	71.4	0.4	5.1	0.0	0.8	505.6	508.6	508.6	523.5	502.5	.	489.8
Qatar	227	222	32.8	34.4	32.9	0.0	0.0	0.0	3.2	425.1	439.3	442.6	.	.	.	452.5
Russian Federation	217	215	4.0	22.7	72.2	1.1	0.0	0.0	0.7	560.1	572.4	567.2	522.2	.	.	500.4
Saudi Arabia	189	182	26.1	31.6	38.1	4.2	0.5	0.0	3.4	408.7	387.6	384.4	369.1	351.8	.	373.7
Serbia	192	190	6.7	27.0	64.4	2.0	0.0	0.0	1.0	531.9	528.2	526.0	395.2	.	.	535.0
Singapore	358	351	24.9	52.4	22.5	0.2	1.5	0.0	0.7	605.9	590.4	575.9	496.0	598.2	.	534.6
Slovak Republic	328	324	14.1	29.8	54.8	1.3	1.1	0.0	0.3	529.9	525.9	516.2	456.8	549.3	.	519.9
Slovenia	256	237	3.6	37.0	58.2	1.2	5.4	0.0	1.9	552.5	545.9	540.3	551.2	533.3	.	552.2
Spain	393	370	5.3	16.2	73.4	5.2	4.1	0.0	0.7	517.7	527.1	515.2	527.9	519.3	.	544.5
Sweden	212	201	9.8	34.6	54.7	0.8	3.4	0.0	1.7	547.5	538.4	541.6	485.7	532.4	.	532.5
Turkey	251	251	27.8	26.8	43.2	2.2	0.0	0.0	0.0	490.3	486.8	476.6	489.4	.	.	.
United Arab Emirates	840	718	36.7	35.4	27.8	0.1	8.9	0.0	2.4	465.0	460.7	435.2	487.6	414.6	.	438.4
United States	492	415	18.5	34.1	42.7	4.7	12.7	0.0	3.4	549.1	549.2	539.8	546.9	547.0	.	562.4
International Avg (n=47)	13512	12578	16.9	30.6	50.5	1.9	4.3	0.0	1.6	508.1	507.4	504.2	488.7	497.3	.	501.9
Buenos Aires, Argentina	291	124	17.5	26.9	51.6	4.0	53.9	0.0	2.7	404.6	417.7	427.4	431.9	416.8	.	388.2
Ontario, Canada	275	238	9.2	41.0	49.0	0.8	7.2	0.0	5.5	535.4	533.0	528.2	558.8	516.1	.	538.0
Quebec, Canada	151	137	18.9	38.3	35.8	7.0	5.9	0.0	3.8	531.5	519.0	527.7	500.1	533.6	.	542.1
Norway (4)	223	183	0.3	10.0	84.3	5.3	12.4	0.0	3.5	512.7	500.9	491.5	503.0	491.7	.	494.6
Abu Dhabi, UAE	212	179	29.8	33.2	36.9	0.0	10.1	0.0	1.3	434.8	412.1	410.7	.	399.5	.	283.7
Dubai, UAE	290	248	41.3	40.3	18.4	0.0	8.1	0.0	2.0	524.0	531.3	515.1	.	442.3	.	494.1
Florida, US	120	89	11.9	34.5	46.5	7.0	20.6	0.0	4.3	542.7	552.4	550.1	550.8	542.1	.	552.9

Question: In teaching science to the students in this class, how often do you ask them to do the following? Present data from experiments or investigations  
 Location: TQS-03f (ATBS03F)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	9.4	39.9	48.1	2.6	8.8	0.0	3.7	528.2	532.9	520.9	518.2	499.5	.	517.3
Bahrain	345	338	17.5	36.8	43.5	2.2	2.5	0.0	0.0	460.1	474.5	448.9	418.1	427.2	.	.
Belgium (Flemish)	295	287	2.4	10.2	80.5	6.9	1.2	0.0	1.5	491.9	507.0	513.5	503.1	500.5	.	516.1
Bulgaria	233	231	3.6	14.3	80.5	1.6	0.0	0.0	0.4	500.9	542.2	536.9	471.5	.	.	613.7
Canada	699	625	8.5	33.8	52.6	5.1	6.4	0.0	3.7	521.6	523.4	525.7	521.0	523.5	.	538.2
Chile	180	159	7.6	27.9	56.9	7.7	6.9	0.0	2.7	460.6	479.7	479.6	488.1	473.8	.	450.7
Chinese Taipei	178	178	14.4	49.7	34.5	1.4	0.0	0.0	0.0	562.6	552.6	557.1	530.2	.	.	.
Croatia	223	219	12.9	19.7	65.8	1.5	1.5	0.0	0.3	530.8	532.1	534.1	540.3	531.0	.	569.9
Cyprus	242	237	53.0	29.8	17.2	0.0	1.1	0.0	0.5	482.1	479.1	482.5	.	494.5	.	456.4
Czech Republic	265	262	4.4	15.8	72.1	7.8	0.8	0.0	1.0	545.8	538.5	532.9	532.3	542.1	.	539.2
Denmark	196	166	3.4	21.0	69.1	6.4	12.8	0.0	0.6	526.4	519.8	529.6	523.2	528.1	.	506.2
England	214	175	10.5	45.1	42.8	1.6	15.0	0.0	0.7	537.5	542.4	536.5	468.0	522.3	.	543.2
Finland	341	326	1.1	10.4	82.2	6.3	4.3	0.0	0.1	536.5	554.7	554.3	548.1	557.1	.	505.7
France	273	256	9.8	38.6	48.1	3.6	5.7	0.0	0.9	496.9	490.0	486.0	477.8	472.7	.	490.6
Georgia	188	186	8.2	17.0	73.4	1.4	0.7	0.0	0.3	464.0	452.4	449.0	485.8	438.4	.	463.1
Germany	226	196	3.6	22.7	70.0	3.7	10.8	0.0	2.2	549.0	531.3	528.4	495.3	534.0	.	496.3
Hong Kong SAR	148	142	7.2	19.9	68.0	4.9	1.1	0.0	2.8	573.1	563.1	551.9	552.3	549.3	.	589.9
Hungary	244	237	1.6	6.6	83.9	7.8	1.1	0.0	1.6	536.0	548.3	540.7	550.7	588.9	.	516.4
Indonesia	293	291	25.2	26.3	45.7	2.8	0.5	0.0	0.7	413.4	399.8	385.2	382.3	369.7	.	504.9
Iran, Islamic Rep. of	291	289	34.8	44.2	20.5	0.4	0.0	0.0	0.4	433.7	415.9	408.9	444.0	.	.	492.8
Ireland	214	211	8.6	35.8	51.1	4.4	0.0	0.0	1.0	530.5	535.4	525.0	523.9	.	.	503.7
Italy	257	244	13.7	27.0	56.2	3.0	3.9	0.0	1.4	520.1	515.2	517.4	509.4	517.3	.	484.4
Japan	157	153	32.5	46.8	20.0	0.7	0.3	0.0	1.8	567.6	570.4	569.3	565.8	545.1	.	561.5
Kazakhstan	239	232	22.7	27.0	47.6	2.7	0.5	0.0	2.8	559.4	546.2	547.8	541.3	529.8	.	545.1
Korea, Rep. of	182	181	42.9	45.2	11.9	0.0	0.6	0.0	0.0	591.3	587.6	588.4	.	594.1	.	.
Kuwait	294	274	26.3	34.7	37.6	1.4	7.9	0.0	1.6	336.6	331.3	343.5	417.8	322.9	.	336.2
Lithuania	291	285	2.2	18.7	77.5	1.6	1.1	0.0	0.0	506.4	527.6	528.3	555.5	492.7	.	374.7
Morocco	367	312	27.0	20.3	48.1	4.6	6.0	0.0	8.8	363.6	345.4	350.2	318.2	338.6	.	369.7
Netherlands	223	167	1.7	9.0	69.9	19.3	21.4	0.0	1.7	502.8	518.7	518.2	515.0	516.1	.	518.4
New Zealand	461	435	6.0	31.7	54.8	7.5	2.5	0.0	2.7	511.4	508.5	505.5	491.0	494.2	.	510.1
Northern Ireland	154	130	0.9	15.6	75.3	8.2	17.4	0.0	0.2	483.0	525.0	518.9	533.5	514.8	.	562.8
Norway	227	178	0.6	15.0	80.3	4.1	16.9	0.0	4.2	536.2	540.8	539.5	522.8	532.2	.	533.1
Oman	357	346	43.3	37.8	18.3	0.6	0.6	0.0	1.8	431.7	429.9	433.0	398.8	399.2	.	434.1
Poland	254	253	8.5	22.3	69.2	0.0	0.0	0.0	0.3	547.5	542.8	548.7	.	.	.	519.0
Portugal	322	305	5.1	21.6	71.6	1.7	5.1	0.0	0.5	511.9	505.6	509.0	508.6	502.5	.	495.3
Qatar	227	223	27.4	33.2	39.4	0.0	0.0	0.0	2.6	420.4	440.7	441.8	.	.	.	462.7
Russian Federation	217	216	4.2	23.5	70.9	1.4	0.0	0.0	0.3	556.4	574.3	566.6	539.0	.	.	456.0
Saudi Arabia	189	184	23.7	24.8	46.4	5.2	0.5	0.0	1.6	408.1	386.8	386.7	350.8	351.8	.	425.3
Serbia	192	191	6.6	24.0	66.1	3.2	0.0	0.0	0.3	525.1	528.6	527.4	434.0	.	.	533.5
Singapore	358	351	16.5	42.6	38.7	2.1	1.5	0.0	0.7	598.5	597.5	580.7	579.1	598.2	.	534.6
Slovak Republic	328	324	16.4	30.1	50.5	2.9	1.1	0.0	0.3	534.4	524.2	517.6	445.0	549.3	.	519.9
Slovenia	256	238	4.1	34.2	60.7	1.1	5.4	0.0	1.1	554.8	545.0	541.7	543.3	533.3	.	517.1
Spain	393	368	4.3	22.2	63.1	10.5	4.1	0.0	0.8	523.7	519.0	517.3	517.3	519.3	.	545.3
Sweden	212	201	4.5	29.1	61.3	5.1	3.4	0.0	1.7	535.1	533.9	547.0	507.1	532.4	.	532.5
Turkey	251	251	23.7	25.9	47.8	2.6	0.0	0.0	0.0	500.5	482.3	476.2	470.5	.	.	.
United Arab Emirates	840	719	32.1	36.0	30.9	0.9	8.9	0.0	2.0	467.0	462.2	437.5	415.9	414.6	.	415.5
United States	492	415	14.2	28.9	49.9	7.1	12.7	0.0	3.4	549.4	545.3	545.3	533.5	547.0	.	562.4
International Avg (n=47)	13512	12601	14.0	27.5	54.7	3.8	4.3	0.0	1.4	506.9	507.4	504.9	492.7	497.3	.	501.5
Buenos Aires, Argentina	291	124	19.0	22.9	47.8	10.3	53.9	0.0	2.7	416.3	414.4	426.2	419.9	416.8	.	388.2
Ontario, Canada	275	238	6.8	29.0	60.3	3.9	7.2	0.0	5.5	527.9	529.7	532.0	532.5	516.1	.	538.0
Quebec, Canada	151	138	9.4	37.4	45.0	8.3	5.9	0.0	3.2	537.1	519.7	526.5	507.1	533.6	.	540.6
Norway (4)	223	183	0.3	2.8	88.4	8.4	12.4	0.0	3.5	512.7	499.4	492.0	501.6	491.7	.	494.6
Abu Dhabi, UAE	212	180	21.3	36.2	41.1	1.4	10.1	0.0	1.2	423.0	429.3	404.7	461.2	399.5	.	282.7
Dubai, UAE	290	247	37.0	38.0	25.0	0.0	8.1	0.0	2.4	528.2	527.5	517.4	.	442.3	.	499.7
Florida, US	120	88	10.5	30.8	47.5	11.2	20.6	0.0	5.2	549.9	547.6	552.6	551.2	542.1	.	545.0

Question: In teaching science to the students in this class, how often do you ask them to do the following? Interpret data from experiments or investigations  
 Location: TQS-03g (ATBS03G)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	413	9.7	39.3	47.5	3.4	8.8	0.0	4.2	527.6	531.2	522.2	513.3	499.5	.	525.6
Bahrain	345	338	16.5	27.8	45.5	10.2	2.5	0.0	0.0	465.4	471.7	453.7	443.5	427.2	.	.
Belgium (Flemish)	295	287	2.2	11.1	81.7	5.0	1.2	0.0	1.5	489.8	507.9	513.0	505.3	500.5	.	516.1
Bulgaria	233	231	3.4	15.9	77.0	3.7	0.0	0.0	0.6	521.5	530.6	538.6	503.0	.	.	577.5
Canada	699	624	10.5	35.4	50.2	3.9	6.4	0.0	3.8	523.4	524.7	524.4	522.0	523.5	.	538.1
Chile	180	159	9.6	31.1	51.6	7.7	6.9	0.0	2.7	469.0	477.4	480.2	487.5	473.8	.	450.7
Chinese Taipei	178	178	15.8	50.8	32.0	1.4	0.0	0.0	0.0	558.8	553.7	557.0	530.2	.	.	.
Croatia	223	219	14.2	19.6	64.9	1.3	1.5	0.0	0.3	531.6	530.6	534.0	561.5	531.0	.	569.9
Cyprus	242	237	60.1	32.2	7.7	0.0	1.1	0.0	0.5	483.9	479.0	470.7	.	494.5	.	456.4
Czech Republic	265	262	2.8	17.3	71.5	8.3	0.8	0.0	1.0	536.7	539.8	533.5	528.1	542.1	.	539.2
Denmark	196	165	4.9	21.7	62.5	10.8	12.8	0.0	1.0	519.4	518.1	531.2	523.8	528.1	.	519.3
England	214	175	11.0	46.1	42.0	1.0	15.0	0.0	0.7	542.0	544.2	532.0	471.7	522.3	.	543.2
Finland	341	325	1.1	11.6	78.6	8.6	4.3	0.0	0.2	542.7	553.1	555.0	545.1	557.1	.	497.6
France	273	256	9.3	44.0	43.4	3.2	5.7	0.0	0.9	507.4	487.8	485.3	479.5	472.7	.	490.6
Georgia	188	186	8.3	22.5	67.8	1.4	0.7	0.0	0.3	467.7	445.9	450.4	485.8	438.4	.	463.1
Germany	226	196	3.1	22.7	69.3	5.0	10.8	0.0	2.2	554.8	530.0	528.5	506.9	534.0	.	496.3
Hong Kong SAR	148	142	4.5	28.7	63.0	3.8	1.1	0.0	2.8	552.7	565.6	552.9	529.2	549.3	.	589.9
Hungary	244	237	3.1	7.6	84.7	4.7	1.1	0.0	1.6	531.9	559.6	539.6	560.5	588.9	.	516.4
Indonesia	293	291	21.0	29.4	46.4	3.3	0.5	0.0	0.4	407.4	402.5	390.2	371.7	369.7	.	384.8
Iran, Islamic Rep. of	291	290	34.3	44.6	20.4	0.7	0.0	0.0	0.2	430.6	414.2	416.8	479.2	.	.	497.2
Ireland	214	210	12.1	32.2	51.5	4.2	0.0	0.0	1.4	535.8	534.1	523.5	540.5	.	.	514.3
Italy	257	244	14.1	30.6	51.3	4.0	3.9	0.0	1.4	523.3	513.2	518.7	500.3	517.3	.	484.4
Japan	157	153	30.5	51.3	17.5	0.7	0.3	0.0	1.8	571.4	569.6	564.6	565.8	545.1	.	561.5
Kazakhstan	239	231	19.4	22.0	56.4	2.2	0.5	0.0	3.6	554.5	565.9	541.8	530.5	529.8	.	559.2
Korea, Rep. of	182	181	45.2	40.1	14.0	0.7	0.6	0.0	0.0	592.0	586.5	589.0	581.8	594.1	.	.
Kuwait	294	276	26.3	40.5	31.5	1.7	7.9	0.0	1.2	332.1	336.8	340.3	442.3	322.9	.	341.4
Lithuania	291	283	2.1	18.6	70.7	8.6	1.1	0.0	0.3	505.1	527.5	528.5	531.8	492.7	.	491.7
Morocco	367	314	33.4	20.9	41.5	4.2	6.0	0.0	7.7	363.3	344.2	349.1	322.9	338.6	.	368.4
Netherlands	223	168	1.9	12.8	71.5	13.7	21.4	0.0	1.4	534.1	518.2	517.3	515.0	516.1	.	515.1
New Zealand	461	436	7.0	31.9	52.9	8.2	2.5	0.0	2.4	516.7	506.4	508.0	480.0	494.2	.	506.5
Northern Ireland	154	131	0.9	21.2	72.5	5.3	17.4	0.0	0.0	483.0	527.1	518.3	536.3	514.8	.	.
Norway	227	178	0.6	15.1	79.5	4.8	16.9	0.0	4.2	536.2	536.3	540.3	527.0	532.2	.	533.1
Oman	357	344	53.6	29.1	16.4	0.9	0.6	0.0	2.3	431.9	430.3	429.6	441.9	399.2	.	432.0
Poland	254	252	10.9	25.4	63.1	0.6	0.0	0.0	0.5	548.7	539.9	550.3	529.7	.	.	508.4
Portugal	322	305	8.9	24.6	65.6	0.9	5.1	0.0	0.5	511.1	507.3	508.4	515.1	502.5	.	495.3
Qatar	227	222	26.2	37.0	36.5	0.4	0.0	0.0	3.4	428.6	432.8	446.9	381.6	.	.	425.5
Russian Federation	217	216	5.7	24.3	68.3	1.7	0.0	0.0	0.3	569.3	570.5	567.5	525.7	.	.	456.0
Saudi Arabia	189	185	22.2	39.7	32.2	5.9	0.5	0.0	1.3	415.3	382.1	385.2	372.3	351.8	.	438.5
Serbia	192	191	8.0	26.0	62.8	3.2	0.0	0.0	0.3	522.2	530.3	526.4	444.8	.	.	533.5
Singapore	358	351	17.3	50.0	32.3	0.4	1.5	0.0	0.7	602.1	595.6	577.1	595.8	598.2	.	534.6
Slovak Republic	328	324	16.6	29.5	51.3	2.6	1.1	0.0	0.3	534.1	521.9	518.6	442.0	549.3	.	519.9
Slovenia	256	237	3.5	32.6	61.6	2.4	5.4	0.0	1.8	553.8	544.9	541.6	546.4	533.3	.	535.5
Spain	393	370	6.7	22.5	65.3	5.5	4.1	0.0	0.3	527.1	518.9	517.1	515.8	519.3	.	539.0
Sweden	212	200	5.1	27.5	62.8	4.5	3.4	0.0	2.3	541.5	535.8	544.4	519.2	532.4	.	529.6
Turkey	251	251	29.0	30.1	38.8	2.1	0.0	0.0	0.0	501.2	479.6	473.5	474.9	.	.	.
United Arab Emirates	840	718	33.8	36.0	29.2	1.1	8.9	0.0	2.3	465.8	463.7	435.8	429.6	414.6	.	412.0
United States	492	414	14.4	31.2	48.4	6.1	12.7	0.0	3.6	552.5	544.8	543.3	541.8	547.0	.	562.9
International Avg (n=47)	13512	12596	14.9	29.0	52.2	3.9	4.3	0.0	1.5	508.9	507.1	504.6	497.8	497.3	.	499.3
Buenos Aires, Argentina	291	122	17.6	30.4	44.8	7.2	53.9	0.0	3.6	405.6	415.2	430.7	430.1	416.8	.	389.7
Ontario, Canada	275	238	6.2	34.1	56.1	3.6	7.2	0.0	5.5	532.1	535.8	528.4	525.2	516.1	.	538.0
Quebec, Canada	151	137	14.3	29.9	51.5	4.3	5.9	0.0	3.5	531.5	523.9	521.9	509.4	533.6	.	540.0
Norway (4)	223	183	0.3	3.4	84.5	11.8	12.4	0.0	3.5	512.7	497.7	491.7	501.7	491.7	.	494.6
Abu Dhabi, UAE	212	180	22.2	38.8	37.2	1.9	10.1	0.0	1.2	435.0	423.8	399.9	471.8	399.5	.	282.7
Dubai, UAE	290	247	39.3	36.9	23.9	0.0	8.1	0.0	2.4	523.5	531.8	518.7	.	442.3	.	493.1
Florida, US	120	89	10.4	29.5	48.0	12.2	20.6	0.0	4.3	549.9	545.2	553.9	546.9	542.1	.	552.9

Question: In teaching science to the students in this class, how often do you ask them to do the following? Use evidence from experiments or investigations to support conclusions  
 Location: TQS-03h (ATBS03H)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	16.8	37.7	42.8	2.7	8.8	0.0	4.0	527.3	527.9	526.1	513.7	499.5	.	510.3
Bahrain	345	338	21.3	34.8	38.3	5.6	2.5	0.0	0.0	461.1	472.7	449.4	442.5	427.2	.	.
Belgium (Flemish)	295	285	2.6	11.2	78.5	7.7	1.2	0.0	2.7	491.8	512.4	512.6	505.0	500.5	.	517.5
Bulgaria	233	231	12.2	26.1	59.7	2.1	0.0	0.0	0.6	530.7	535.6	541.6	439.4	.	.	377.5
Canada	699	622	13.7	40.1	44.0	2.2	6.4	0.0	3.8	522.0	521.1	528.3	520.5	523.5	.	537.3
Chile	180	159	10.0	34.3	48.0	7.7	6.9	0.0	2.3	471.2	476.8	481.9	473.8	473.8	.	459.8
Chinese Taipei	178	178	17.3	52.5	28.8	1.4	0.0	0.0	0.0	557.6	555.2	555.3	530.2	.	.	.
Croatia	223	220	24.8	24.0	50.5	0.7	1.5	0.0	0.0	533.4	533.5	532.9	575.3	531.0	.	.
Cyprus	242	237	56.9	35.2	7.9	0.0	1.1	0.0	0.5	485.6	475.1	477.5	.	494.5	.	456.4
Czech Republic	265	261	3.6	14.0	74.5	8.0	0.8	0.0	1.3	551.5	537.1	533.5	529.1	542.1	.	535.4
Denmark	196	165	3.4	21.3	58.1	17.3	12.8	0.0	1.0	519.6	515.1	532.2	525.7	528.1	.	516.0
England	214	175	18.9	44.7	36.5	0.0	15.0	0.0	0.7	540.7	537.9	537.2	.	522.3	.	543.2
Finland	341	324	3.0	16.3	72.1	8.5	4.3	0.0	0.7	543.1	547.9	555.5	553.0	557.1	.	555.8
France	273	253	13.7	47.9	36.6	1.8	5.7	0.0	1.9	495.7	487.3	487.5	458.5	472.7	.	502.2
Georgia	188	184	29.1	28.4	41.1	1.4	0.7	0.0	1.1	455.4	453.5	446.1	485.8	438.4	.	437.4
Germany	226	196	4.1	22.8	67.8	5.4	10.8	0.0	2.2	544.8	531.0	529.5	494.1	534.0	.	496.3
Hong Kong SAR	148	142	6.1	25.5	64.6	3.8	1.1	0.0	2.8	555.3	552.4	558.5	529.2	549.3	.	589.9
Hungary	244	237	4.8	13.2	77.7	4.4	1.1	0.0	1.6	566.8	545.0	541.0	520.8	588.9	.	516.4
Indonesia	293	292	26.5	29.3	41.5	2.7	0.5	0.0	0.0	405.7	398.3	391.3	377.7	369.7	.	.
Iran, Islamic Rep. of	291	289	34.1	43.8	20.3	1.8	0.0	0.0	0.4	431.8	414.0	422.1	362.8	.	.	475.1
Ireland	214	211	11.5	37.7	47.6	3.3	0.0	0.0	1.0	542.1	529.5	526.6	516.4	.	.	503.7
Italy	257	241	17.0	33.1	46.1	3.9	3.9	0.0	2.7	521.9	512.7	518.3	496.8	517.3	.	523.6
Japan	157	153	31.0	46.2	21.7	1.1	0.3	0.0	1.8	570.4	569.4	567.2	565.5	545.1	.	561.5
Kazakhstan	239	230	31.4	28.0	38.8	1.8	0.5	0.0	3.2	553.1	549.1	545.1	555.7	529.8	.	570.6
Korea, Rep. of	182	181	42.3	39.9	16.9	0.9	0.6	0.0	0.0	588.3	592.5	585.8	561.2	594.1	.	.
Kuwait	294	276	27.7	40.6	29.5	2.1	7.9	0.0	1.2	328.3	339.6	342.6	389.5	322.9	.	341.4
Lithuania	291	281	4.3	24.4	68.8	2.6	1.1	0.0	1.8	546.7	525.5	527.7	529.2	492.7	.	530.7
Morocco	367	315	48.8	17.4	30.5	3.3	6.0	0.0	7.4	359.6	333.7	349.5	347.3	338.6	.	370.0
Netherlands	223	167	3.0	9.8	65.1	22.2	21.4	0.0	1.6	540.1	519.2	516.1	517.0	516.1	.	519.6
New Zealand	461	434	10.9	33.6	50.7	4.8	2.5	0.0	2.8	520.9	503.9	505.7	485.8	494.2	.	505.4
Northern Ireland	154	131	3.0	20.3	72.8	3.9	17.4	0.0	0.0	508.8	527.9	518.4	539.0	514.8	.	.
Norway	227	177	1.6	15.6	74.5	8.4	16.9	0.0	4.6	548.9	538.8	539.4	535.2	532.2	.	531.9
Oman	357	341	52.3	22.8	23.6	1.3	0.6	0.0	2.7	428.0	432.7	435.1	432.0	399.2	.	444.2
Poland	254	253	10.8	26.5	62.7	0.0	0.0	0.0	0.3	548.3	538.5	550.8	.	.	.	519.0
Portugal	322	305	10.8	25.7	61.3	2.2	5.1	0.0	0.5	512.9	505.5	508.9	508.3	502.5	.	495.3
Qatar	227	223	31.2	34.6	33.4	0.8	0.0	0.0	2.6	410.5	446.2	447.2	465.8	.	.	462.7
Russian Federation	217	216	6.1	29.1	63.3	1.5	0.0	0.0	0.3	574.4	568.8	567.3	526.3	.	.	456.0
Saudi Arabia	189	184	28.2	32.6	32.9	6.3	0.5	0.0	1.9	412.7	379.9	377.1	401.7	351.8	.	436.8
Serbia	192	189	10.6	27.6	59.3	2.6	0.0	0.0	1.7	528.5	528.4	526.0	421.7	.	.	541.0
Singapore	358	351	34.1	49.5	16.3	0.0	1.5	0.0	0.7	606.5	588.3	565.1	.	598.2	.	534.6
Slovak Republic	328	324	22.4	32.4	42.4	2.8	1.1	0.0	0.3	528.4	522.6	517.9	460.7	549.3	.	519.9
Slovenia	256	238	4.3	35.1	59.3	1.3	5.4	0.0	1.4	551.3	540.7	543.9	561.2	533.3	.	527.7
Spain	393	369	7.2	21.8	64.0	7.1	4.1	0.0	0.3	529.4	520.6	516.7	510.6	519.3	.	542.4
Sweden	212	200	7.1	28.3	60.4	4.1	3.4	0.0	2.0	558.9	540.2	540.7	510.6	532.4	.	533.5
Turkey	251	251	27.3	27.8	41.1	3.8	0.0	0.0	0.0	499.5	485.1	474.2	454.9	.	.	.
United Arab Emirates	840	715	39.7	34.7	24.7	0.8	8.9	0.0	2.4	464.5	463.4	433.2	413.3	414.6	.	412.0
United States	492	414	21.8	34.8	38.9	4.5	12.7	0.0	3.7	539.7	548.9	543.2	546.4	547.0	.	571.9
International Avg (n=47)	13512	12573	18.5	30.1	47.6	3.9	4.3	0.0	1.6	510.9	506.0	504.9	490.4	497.3	.	499.5
Buenos Aires, Argentina	291	122	19.4	35.5	38.1	6.9	53.9	0.0	3.6	425.3	414.0	425.1	421.9	416.8	.	396.0
Ontario, Canada	275	238	9.7	37.4	52.6	0.2	7.2	0.0	5.5	524.1	529.8	533.4	499.6	516.1	.	538.0
Quebec, Canada	151	137	16.5	35.9	40.6	7.0	5.9	0.0	3.3	530.0	519.7	523.8	523.8	533.6	.	540.0
Norway (4)	223	182	0.9	11.2	71.0	16.9	12.4	0.0	3.9	479.0	486.5	494.6	492.4	491.7	.	493.4
Abu Dhabi, UAE	212	179	27.6	38.2	32.6	1.6	10.1	0.0	1.3	427.0	425.5	401.9	434.8	399.5	.	285.8
Dubai, UAE	290	244	47.9	34.0	18.1	0.0	8.1	0.0	3.5	520.3	535.7	523.8	.	442.3	.	484.5
Florida, US	120	88	12.7	33.9	43.0	10.4	20.6	0.0	4.4	544.2	551.1	554.8	554.9	542.1	.	516.5

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-03i (ATBS03I)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	4.4	22.3	54.5	18.9	8.8	0.0	4.0	510.2	522.7	525.8	537.7	499.5	.	510.0
Bahrain	345	338	43.2	25.2	30.5	1.2	2.5	0.0	0.0	449.3	463.2	472.9	417.3	427.2	.	.
Belgium (Flemish)	295	287	23.8	46.2	25.7	4.3	1.2	0.0	1.5	513.9	513.4	503.4	528.6	500.5	.	516.1
Bulgaria	233	231	67.4	26.3	6.3	0.0	0.0	0.0	0.5	533.8	539.7	541.9	.	.	.	494.9
Canada	699	623	15.6	34.3	41.7	8.3	6.4	0.0	3.7	522.8	524.1	526.5	516.9	523.5	.	538.0
Chile	180	160	50.0	32.2	16.8	0.9	6.9	0.0	2.1	480.4	479.6	471.7	473.2	473.8	.	452.3
Chinese Taipei	178	177	18.1	30.2	50.2	1.4	0.0	0.0	0.3	557.8	551.0	557.0	549.6	.	.	570.9
Croatia	223	220	70.7	18.9	10.4	0.0	1.5	0.0	0.0	534.4	527.2	538.6	.	531.0	.	.
Cyprus	242	235	55.1	32.7	12.2	0.0	1.1	0.0	1.5	483.6	481.1	471.5	.	494.5	.	470.1
Czech Republic	265	262	34.1	36.5	28.7	0.7	0.8	0.0	1.0	537.3	531.9	535.0	476.4	542.1	.	539.2
Denmark	196	166	14.7	36.2	46.6	2.4	12.8	0.0	0.6	529.7	525.9	525.6	553.8	528.1	.	506.2
England	214	175	2.4	17.4	57.3	22.9	15.0	0.0	0.7	551.6	536.3	541.6	529.5	522.3	.	543.2
Finland	341	326	66.8	25.5	7.4	0.3	4.3	0.0	0.1	553.8	554.5	552.1	523.4	557.1	.	505.7
France	273	254	20.1	43.7	32.4	3.8	5.7	0.0	1.7	490.2	488.2	487.1	490.0	472.7	.	488.3
Georgia	188	186	61.9	29.0	9.1	0.0	0.7	0.0	0.5	451.8	452.0	445.7	.	438.4	.	464.5
Germany	226	196	15.3	42.9	38.4	3.4	10.8	0.0	2.2	536.2	526.9	528.8	513.8	534.0	.	496.3
Hong Kong SAR	148	142	17.5	32.4	45.2	4.9	1.1	0.0	2.8	550.0	551.4	558.0	582.2	549.3	.	589.9
Hungary	244	237	74.1	22.9	3.0	0.0	1.1	0.0	1.6	540.4	545.8	548.1	.	588.9	.	516.4
Indonesia	293	292	45.1	28.6	22.8	3.5	0.5	0.0	0.0	410.9	395.6	378.9	340.5	369.7	.	.
Iran, Islamic Rep. of	291	289	57.4	29.3	12.6	0.7	0.0	0.0	0.4	425.9	414.7	410.4	450.4	.	.	454.5
Ireland	214	210	26.6	39.0	28.3	6.1	0.0	0.0	1.5	529.6	523.4	538.1	520.9	.	.	517.9
Italy	257	243	53.9	28.0	17.5	0.6	3.9	0.0	2.1	515.8	514.3	525.6	497.5	517.3	.	491.5
Japan	157	153	42.8	36.5	20.3	0.4	0.3	0.0	1.8	568.7	569.6	569.3	587.2	545.1	.	561.5
Kazakhstan	239	231	69.3	19.2	11.5	0.0	0.5	0.0	2.9	550.5	549.1	544.3	.	529.8	.	554.8
Korea, Rep. of	182	181	59.8	29.4	9.2	1.6	0.6	0.0	0.0	586.7	594.9	590.5	576.5	594.1	.	.
Kuwait	294	274	44.0	24.9	29.6	1.5	7.9	0.0	1.9	351.3	317.6	336.6	346.0	322.9	.	337.2
Lithuania	291	281	57.6	28.5	13.9	0.0	1.1	0.0	1.8	529.8	530.0	516.6	.	492.7	.	530.7
Morocco	367	315	35.7	21.8	37.1	5.4	6.0	0.0	7.4	374.1	336.7	343.5	318.1	338.6	.	370.2
Netherlands	223	167	44.4	25.3	22.5	7.8	21.4	0.0	1.6	519.4	521.5	514.0	502.2	516.1	.	519.6
New Zealand	461	434	2.3	17.9	61.8	18.1	2.5	0.0	2.7	520.5	508.3	505.5	503.0	494.2	.	503.1
Northern Ireland	154	131	5.7	14.9	62.7	16.7	17.4	0.0	0.0	535.8	512.1	518.4	532.3	514.8	.	.
Norway	227	177	18.2	55.2	26.0	0.5	16.9	0.0	4.6	537.7	539.6	538.8	549.2	532.2	.	531.9
Oman	357	346	46.8	32.2	19.8	1.2	0.6	0.0	1.8	431.4	433.5	431.3	353.8	399.2	.	434.1
Poland	254	253	49.3	30.4	19.6	0.7	0.0	0.0	0.3	548.8	545.1	546.5	557.6	.	.	519.0
Portugal	322	305	48.1	31.5	20.0	0.4	5.1	0.0	0.5	510.3	506.2	506.9	530.8	502.5	.	495.3
Qatar	227	223	54.0	19.0	23.2	3.9	0.0	0.0	2.6	430.0	423.1	449.5	491.6	.	.	462.7
Russian Federation	217	215	66.3	20.4	12.8	0.5	0.0	0.0	0.8	568.9	564.9	563.5	590.0	.	.	528.9
Saudi Arabia	189	185	33.3	30.0	32.3	4.4	0.5	0.0	1.3	397.3	385.2	392.9	343.4	351.8	.	438.5
Serbia	192	190	55.9	30.1	14.0	0.0	0.0	0.0	1.0	530.2	520.4	509.7	.	.	.	536.7
Singapore	358	351	19.2	31.8	40.5	8.4	1.5	0.0	0.7	577.0	593.1	589.5	619.3	598.2	.	534.6
Slovak Republic	328	324	46.3	31.4	22.3	0.0	1.1	0.0	0.3	524.0	519.1	513.9	.	549.3	.	519.9
Slovenia	256	237	29.5	38.7	31.8	0.0	5.4	0.0	2.1	544.6	543.6	542.6	.	533.3	.	521.2
Spain	393	371	40.7	35.2	23.7	0.4	4.1	0.0	0.1	522.5	516.3	512.2	584.3	519.3	.	529.6
Sweden	212	201	16.6	32.1	50.1	1.2	3.4	0.0	1.7	542.6	542.3	538.6	552.2	532.4	.	532.5
Turkey	251	250	62.3	23.1	14.3	0.4	0.0	0.0	0.5	490.4	465.9	486.2	317.0	.	.	465.4
United Arab Emirates	840	718	44.9	20.9	28.6	5.5	8.9	0.0	1.9	460.9	450.1	442.1	506.3	414.6	.	408.9
United States	492	413	28.2	31.5	36.3	4.0	12.7	0.0	3.9	537.4	549.4	544.7	556.4	547.0	.	571.2
International Avg (n=47)	13512	12589	39.6	29.6	27.3	3.6	4.3	0.0	1.5	508.5	504.3	504.9	497.8	497.3	.	501.7
Buenos Aires, Argentina	291	120	44.3	47.2	7.8	0.7	53.9	0.0	4.3	421.0	414.4	427.9	466.5	416.8	.	421.2
Ontario, Canada	275	238	13.9	40.6	43.0	2.5	7.2	0.0	5.5	522.9	534.3	531.5	517.3	516.1	.	538.0
Quebec, Canada	151	137	27.4	27.9	32.5	12.2	5.9	0.0	3.3	522.5	526.6	518.6	530.4	533.6	.	540.0
Norway (4)	223	183	31.3	41.8	25.1	1.8	12.4	0.0	3.5	492.8	491.5	497.2	480.7	491.7	.	494.6
Abu Dhabi, UAE	212	179	39.4	16.1	38.7	5.8	10.1	0.0	1.3	443.6	384.8	405.2	428.4	399.5	.	285.8
Dubai, UAE	290	247	40.2	22.6	26.0	11.2	8.1	0.0	2.1	513.2	515.3	534.5	569.1	442.3	.	488.6
Florida, US	120	88	30.0	41.4	26.7	1.9	20.6	0.0	4.4	545.5	544.7	574.2	513.3	542.1	.	516.5

Question: In teaching science to the students in this class, how often do you ask them to do the following? Have students memorize facts and principles  
 Location: TQS-03j (ATBS03J)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	1.2	12.0	54.4	32.4	8.8	0.0	4.0	532.0	520.0	522.7	535.7	499.5	.	510.3
Bahrain	345	337	51.2	27.1	19.3	2.4	2.5	0.0	0.6	456.6	448.7	475.8	510.7	427.2	.	477.3
Belgium (Flemish)	295	285	1.3	24.4	61.7	12.7	1.2	0.0	2.1	513.9	517.1	510.1	507.9	500.5	.	514.6
Bulgaria	233	232	74.5	17.4	8.1	0.0	0.0	0.0	0.1	534.2	545.3	527.9	.	.	.	618.0
Canada	699	622	3.0	17.9	54.7	24.4	6.4	0.0	3.9	510.1	527.9	524.8	522.5	523.5	.	537.4
Chile	180	159	16.9	36.3	39.9	6.9	6.9	0.0	2.3	471.2	476.6	483.2	476.7	473.8	.	465.4
Chinese Taipei	178	178	3.5	17.9	66.6	12.0	0.0	0.0	0.0	547.1	551.6	556.3	557.4	.	.	.
Croatia	223	220	61.5	24.5	13.6	0.5	1.5	0.0	0.0	532.1	533.4	540.8	500.2	531.0	.	.
Cyprus	242	237	1.9	13.7	56.8	27.6	1.1	0.0	0.5	463.1	480.9	481.7	481.9	494.5	.	456.4
Czech Republic	265	262	3.1	19.1	60.1	17.7	0.8	0.0	1.0	537.0	540.0	535.3	524.2	542.1	.	539.2
Denmark	196	165	3.4	11.1	50.6	34.8	12.8	0.0	1.0	513.8	526.6	531.2	522.2	528.1	.	519.3
England	214	173	3.0	16.9	59.6	20.5	15.0	0.0	1.6	524.4	543.6	540.3	527.6	522.3	.	560.0
Finland	341	324	6.5	23.2	63.1	7.2	4.3	0.0	0.6	549.0	555.0	554.4	547.9	557.1	.	545.2
France	273	253	16.9	37.9	39.5	5.7	5.7	0.0	2.4	482.7	488.2	492.2	476.1	472.7	.	493.3
Georgia	188	184	66.7	26.4	6.9	0.0	0.7	0.0	1.3	453.0	448.3	451.2	.	438.4	.	430.3
Germany	226	193	2.5	13.6	63.8	20.0	10.8	0.0	3.7	537.3	530.1	527.5	529.1	534.0	.	514.2
Hong Kong SAR	148	142	10.4	36.1	45.5	8.1	1.1	0.0	2.8	540.9	555.9	556.5	568.5	549.3	.	589.9
Hungary	244	237	36.9	35.9	24.9	2.3	1.1	0.0	1.6	539.5	538.8	549.2	547.2	588.9	.	516.4
Indonesia	293	291	31.7	28.5	36.8	3.1	0.5	0.0	0.2	393.2	416.4	384.1	407.6	369.7	.	348.1
Iran, Islamic Rep. of	291	289	42.1	38.0	17.8	2.0	0.0	0.0	1.0	420.5	421.0	429.6	433.3	.	.	257.7
Ireland	214	210	5.0	18.5	50.2	26.3	0.0	0.0	1.8	512.9	527.3	532.0	527.6	.	.	521.6
Italy	257	243	41.8	31.7	23.4	3.1	3.9	0.0	2.1	517.5	512.2	520.6	532.2	517.3	.	491.8
Japan	157	153	30.9	37.7	29.6	1.8	0.3	0.0	1.8	570.0	568.0	570.6	557.8	545.1	.	561.5
Kazakhstan	239	232	66.6	18.0	15.4	0.0	0.5	0.0	3.2	549.3	555.1	549.7	.	529.8	.	528.2
Korea, Rep. of	182	181	26.6	34.4	34.7	4.3	0.6	0.0	0.0	588.0	588.7	589.9	597.3	594.1	.	.
Kuwait	294	275	47.7	27.7	21.5	3.1	7.9	0.0	1.6	342.0	322.6	344.3	396.1	322.9	.	317.5
Lithuania	291	280	36.6	39.4	23.9	0.0	1.1	0.0	1.9	530.6	530.9	519.3	.	492.7	.	529.6
Morocco	367	312	55.8	19.7	21.7	2.8	6.0	0.0	8.4	361.6	339.9	337.1	343.6	338.6	.	368.7
Netherlands	223	167	8.9	15.2	45.2	30.7	21.4	0.0	1.6	505.0	520.6	519.7	515.8	516.1	.	519.6
New Zealand	461	435	0.4	7.9	38.6	53.1	2.5	0.0	2.5	484.4	481.3	506.7	509.1	494.2	.	503.0
Northern Ireland	154	130	1.9	5.3	49.1	43.7	17.4	0.0	0.8	521.0	502.1	516.9	527.5	514.8	.	521.0
Norway	227	177	1.2	19.5	53.3	26.0	16.9	0.0	4.6	559.5	540.1	537.5	540.8	532.2	.	531.9
Oman	357	338	67.3	24.6	6.7	1.5	0.6	0.0	5.2	432.2	427.5	432.0	395.9	399.2	.	442.9
Poland	254	251	29.0	23.2	42.9	4.8	0.0	0.0	1.2	545.2	548.6	547.0	553.9	.	.	547.5
Portugal	322	303	27.2	36.0	34.8	2.0	5.1	0.0	1.4	511.4	504.0	510.5	515.6	502.5	.	498.3
Qatar	227	222	54.6	18.4	23.1	3.9	0.0	0.0	2.7	425.2	418.9	468.0	465.2	.	.	463.6
Russian Federation	217	216	29.1	32.7	34.4	3.8	0.0	0.0	0.3	565.2	559.5	575.6	582.3	.	.	456.0
Saudi Arabia	189	185	43.1	22.8	30.7	3.3	0.5	0.0	1.4	406.5	377.3	374.0	410.0	351.8	.	430.6
Serbia	192	189	41.9	33.0	25.1	0.0	0.0	0.0	1.9	526.4	529.6	516.4	.	.	.	502.2
Singapore	358	351	12.7	28.0	48.0	11.4	1.5	0.0	0.7	577.5	579.3	596.6	608.9	598.2	.	534.6
Slovak Republic	328	324	10.4	22.8	55.8	11.1	1.1	0.0	0.3	515.2	517.0	521.2	526.2	549.3	.	519.9
Slovenia	256	238	19.6	42.7	37.7	0.0	5.4	0.0	1.4	544.3	543.9	542.2	.	533.3	.	527.7
Spain	393	372	16.5	38.1	40.5	4.8	4.1	0.0	0.1	522.3	518.0	515.4	528.9	519.3	.	512.2
Sweden	212	200	3.9	22.6	61.5	12.0	3.4	0.0	2.0	530.7	539.7	541.0	543.1	532.4	.	537.5
Turkey	251	251	15.2	22.4	46.5	15.9	0.0	0.0	0.0	484.4	475.1	482.5	496.5	.	.	.
United Arab Emirates	840	711	40.6	20.7	28.7	9.9	8.9	0.0	3.1	456.7	449.3	460.7	450.5	414.6	.	428.4
United States	492	414	8.8	15.6	60.4	15.3	12.7	0.0	3.7	523.3	545.0	549.7	536.0	547.0	.	571.9
International Avg (n=47)	13512	12558	25.1	24.6	38.9	11.4	4.3	0.0	1.8	503.4	504.0	507.5	508.2	497.3	.	494.4
Buenos Aires, Argentina	291	123	9.4	22.6	49.7	18.4	53.9	0.0	3.0	432.5	412.0	416.6	436.6	416.8	.	394.4
Ontario, Canada	275	237	2.8	15.4	59.9	21.9	7.2	0.0	5.8	509.2	535.8	528.1	538.6	516.1	.	537.2
Quebec, Canada	151	137	5.6	32.1	39.0	23.3	5.9	0.0	3.3	509.1	526.7	523.6	521.9	533.6	.	540.0
Norway (4)	223	183	0.9	17.1	59.0	23.0	12.4	0.0	3.5	504.0	487.6	493.4	496.2	491.7	.	494.6
Abu Dhabi, UAE	212	175	32.4	16.8	38.6	12.2	10.1	0.0	3.5	458.8	398.0	413.0	347.1	399.5	.	396.5
Dubai, UAE	290	244	29.6	20.4	33.1	16.9	8.1	0.0	3.7	500.3	512.4	546.4	551.1	442.3	.	476.3
Florida, US	120	88	11.9	25.5	41.1	21.4	20.6	0.0	4.4	553.2	527.9	563.5	559.0	542.1	.	516.5

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-03k (ATBS03K)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	1.1	22.6	67.3	9.0	8.8	0.0	4.0	492.3	526.5	527.2	527.3	499.5	.	510.3
Bahrain	345	337	4.3	17.7	64.4	13.7	2.5	0.0	0.4	443.0	473.1	462.2	436.0	427.2	.	423.5
Belgium (Flemish)	295	285	0.3	10.4	86.5	2.8	1.2	0.0	3.2	520.2	507.1	511.7	502.1	500.5	.	531.1
Bulgaria	233	232	5.6	9.3	80.4	4.8	0.0	0.0	0.1	519.6	533.4	536.3	546.8	.	.	618.0
Canada	699	620	0.5	9.9	65.3	24.2	6.5	0.0	4.0	560.4	520.7	524.1	525.7	523.1	.	537.1
Chile	180	159	7.0	15.2	57.5	20.2	6.9	0.0	2.8	475.6	476.0	478.4	483.7	473.8	.	448.9
Chinese Taipei	178	178	2.5	15.5	80.9	1.1	0.0	0.0	0.0	584.0	548.0	555.6	566.8	.	.	.
Croatia	223	220	8.3	22.6	67.8	1.3	1.5	0.0	0.0	530.1	536.0	533.6	504.6	531.0	.	.
Cyprus	242	237	2.7	13.7	79.2	4.4	1.1	0.0	0.5	460.0	485.2	481.3	482.0	494.5	.	456.4
Czech Republic	265	262	0.3	17.8	79.8	2.2	0.8	0.0	1.0	549.7	537.6	533.4	537.6	542.1	.	539.2
Denmark	196	165	2.2	19.2	73.3	5.2	12.8	0.0	0.9	511.2	518.0	530.6	519.5	528.1	.	498.8
England	214	175	2.1	12.3	80.6	5.0	15.0	0.0	0.7	513.1	534.8	539.4	537.0	522.3	.	543.2
Finland	341	326	0.0	7.4	83.0	9.6	4.3	0.0	0.1	.	549.3	554.5	550.8	557.1	.	505.7
France	273	255	0.2	6.1	68.1	25.6	5.7	0.0	1.3	500.5	510.6	489.4	479.5	472.7	.	493.8
Georgia	188	184	3.4	19.6	74.2	2.8	0.7	0.0	2.0	463.6	450.1	452.2	463.6	438.4	.	396.9
Germany	226	195	1.3	8.7	87.2	2.8	10.8	0.0	2.7	563.7	525.5	529.3	510.5	534.0	.	490.5
Hong Kong SAR	148	142	0.7	5.3	71.3	22.7	1.1	0.0	2.8	537.2	546.6	557.5	552.5	549.3	.	589.9
Hungary	244	237	5.8	18.8	74.3	1.2	1.1	0.0	1.6	531.6	549.5	540.7	547.6	588.9	.	516.4
Indonesia	293	291	6.4	27.2	60.1	6.3	0.5	0.0	0.4	381.0	404.1	396.9	385.4	369.7	.	320.2
Iran, Islamic Rep. of	291	290	31.0	41.9	25.6	1.5	0.0	0.0	0.2	431.7	416.8	415.1	405.0	.	.	497.2
Ireland	214	211	1.6	10.2	81.9	6.3	0.0	0.0	1.0	537.9	541.5	527.5	527.9	.	.	503.7
Italy	257	243	3.5	12.5	66.6	17.3	3.9	0.0	2.1	539.5	522.9	517.0	508.2	517.3	.	491.8
Japan	157	153	5.1	15.0	70.8	9.0	0.3	0.0	1.8	565.6	568.1	569.8	569.1	545.1	.	561.5
Kazakhstan	239	230	18.9	21.8	57.0	2.3	0.5	0.0	3.9	546.6	542.9	554.0	537.1	529.8	.	547.3
Korea, Rep. of	182	181	6.3	13.1	72.1	8.5	0.6	0.0	0.0	582.1	588.6	589.8	591.5	594.1	.	.
Kuwait	294	274	10.7	24.9	49.0	15.4	7.9	0.0	1.9	347.4	305.8	350.4	351.8	322.9	.	302.3
Lithuania	291	281	0.4	10.7	83.7	5.1	1.1	0.0	1.8	513.6	520.5	528.2	541.4	492.7	.	530.7
Morocco	367	316	3.3	11.5	53.6	31.6	6.0	0.0	7.1	309.7	360.9	360.8	337.9	338.6	.	368.0
Netherlands	223	167	2.5	3.6	69.3	24.5	21.4	0.0	1.6	500.0	466.3	519.5	520.7	516.1	.	519.6
New Zealand	461	432	1.4	18.8	67.6	12.2	2.5	0.0	3.1	462.8	509.1	508.9	489.5	494.2	.	502.3
Northern Ireland	154	131	0.0	4.4	69.4	26.2	17.4	0.0	0.0	.	511.4	521.1	521.5	514.8	.	.
Norway	227	177	0.0	9.2	85.9	4.9	16.9	0.0	4.6	.	529.4	541.0	523.3	532.2	.	531.9
Oman	357	345	8.3	29.1	60.0	2.6	0.6	0.0	2.3	436.6	425.9	431.9	438.9	399.2	.	448.8
Poland	254	253	1.9	16.5	80.5	1.2	0.0	0.0	0.3	569.4	545.8	547.3	531.1	.	.	519.0
Portugal	322	305	2.7	11.3	68.5	17.5	5.1	0.0	0.5	506.8	505.0	509.9	505.2	502.5	.	495.3
Qatar	227	222	10.4	16.9	63.3	9.3	0.0	0.0	2.7	400.4	433.7	441.7	436.0	.	.	463.6
Russian Federation	217	216	2.3	15.3	76.4	6.0	0.0	0.0	0.3	532.8	565.2	571.7	534.4	.	.	456.0
Saudi Arabia	189	186	6.8	20.9	60.0	12.3	0.5	0.0	0.8	425.1	389.2	389.9	377.0	351.8	.	390.5
Serbia	192	190	9.2	19.1	70.7	1.0	0.0	0.0	0.5	518.1	517.4	527.5	511.1	.	.	519.1
Singapore	358	350	4.0	15.8	62.4	17.8	1.5	0.0	0.8	587.2	587.1	595.2	579.6	598.2	.	534.1
Slovak Republic	328	324	1.8	12.9	80.3	5.0	1.1	0.0	0.3	516.0	532.7	518.7	512.9	549.3	.	519.9
Slovenia	256	237	0.7	8.5	87.6	3.2	5.4	0.0	1.7	534.9	543.3	543.4	542.8	533.3	.	531.7
Spain	393	369	3.2	8.1	61.4	27.2	4.1	0.0	0.5	528.9	517.0	517.1	519.6	519.3	.	522.9
Sweden	212	198	1.7	3.0	49.4	45.9	3.4	0.0	2.8	555.5	529.2	543.5	537.4	532.4	.	540.5
Turkey	251	251	15.2	24.7	52.1	7.9	0.0	0.0	0.0	487.1	490.8	482.3	459.9	.	.	.
United Arab Emirates	840	716	9.2	24.8	57.5	8.5	8.9	0.0	2.8	459.8	463.8	447.4	472.2	414.6	.	457.4
United States	492	413	4.4	11.0	52.6	32.0	12.7	0.0	4.0	513.4	537.1	550.2	542.2	547.0	.	570.3
International Avg (n=47)	13512	12576	4.7	15.2	68.9	11.2	4.3	0.0	1.7	501.0	504.2	507.6	501.8	497.3	.	493.9
Buenos Aires, Argentina	291	122	5.1	14.4	51.5	29.0	53.9	0.0	3.4	425.9	399.8	428.5	416.9	416.8	.	395.4
Ontario, Canada	275	236	0.4	11.4	69.3	19.0	7.2	0.0	6.2	578.0	524.5	531.0	534.4	516.1	.	536.8
Quebec, Canada	151	137	0.4	4.3	50.4	44.8	5.9	0.0	3.3	545.5	515.2	527.4	519.4	533.6	.	540.0
Norway (4)	223	183	0.5	11.0	84.3	4.3	12.4	0.0	3.5	505.8	495.3	493.2	484.4	491.7	.	494.6
Abu Dhabi, UAE	212	179	9.7	22.4	52.4	15.5	10.1	0.0	1.9	415.8	435.3	401.4	451.2	399.5	.	339.7
Dubai, UAE	290	244	9.1	28.6	55.4	6.9	8.1	0.0	5.0	552.2	515.9	521.3	541.8	442.3	.	535.9
Florida, US	120	87	3.5	13.7	61.5	21.3	20.6	0.0	5.5	557.6	547.5	561.6	526.7	542.1	.	524.9



Question: In teaching science to the students in this class, how often do you ask them to do the following? Take a written test or quiz  
 Location: TQS-031 (ATBS03L)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	0.4	4.5	75.4	19.7	8.8	0.0	4.0	538.5	530.3	525.3	530.7	499.5	.	510.3
Bahrain	345	338	47.3	32.7	19.1	0.9	2.5	0.0	0.0	452.5	457.5	478.6	504.9	427.2	.	.
Belgium (Flemish)	295	287	3.7	12.1	83.0	1.2	1.2	0.0	1.5	507.8	510.1	512.4	478.3	500.5	.	516.1
Bulgaria	233	231	2.3	15.9	81.8	0.0	0.0	0.0	0.6	545.8	528.9	536.4	.	.	.	577.5
Canada	699	622	1.5	9.6	80.7	8.2	6.4	0.0	3.8	518.5	518.8	524.6	529.2	523.5	.	537.4
Chile	180	157	11.1	42.9	45.9	0.0	6.9	0.0	3.8	454.4	478.8	484.6	.	473.8	.	460.0
Chinese Taipei	178	177	2.1	15.5	82.4	0.0	0.0	0.0	0.3	558.8	549.9	556.1	.	.	.	573.0
Croatia	223	220	5.7	11.7	82.6	0.0	1.5	0.0	0.0	533.9	528.1	534.2	.	531.0	.	.
Cyprus	242	237	3.7	17.5	73.3	5.5	1.1	0.0	0.5	474.0	481.9	481.5	481.3	494.5	.	456.4
Czech Republic	265	262	1.6	18.2	79.9	0.4	0.8	0.0	1.0	532.7	533.4	534.2	588.8	542.1	.	539.2
Denmark	196	165	1.8	8.3	65.9	24.0	12.8	0.0	1.1	528.4	521.1	526.9	529.4	528.1	.	515.4
England	214	175	0.2	7.0	70.5	22.3	15.0	0.0	0.7	522.6	533.3	542.2	527.2	522.3	.	543.2
Finland	341	326	0.6	5.9	92.7	0.7	4.3	0.0	0.1	529.0	545.7	554.6	525.6	557.1	.	505.7
France	273	253	12.6	16.7	69.1	1.6	5.7	0.0	2.2	495.6	481.9	488.5	488.6	472.7	.	489.8
Georgia	188	187	16.5	31.0	52.5	0.0	0.7	0.0	0.0	465.2	453.3	445.8	.	438.4	.	.
Germany	226	194	0.6	9.4	87.8	2.3	10.8	0.0	2.5	561.5	527.9	529.5	497.8	534.0	.	493.5
Hong Kong SAR	148	142	2.3	18.1	63.8	15.7	1.1	0.0	2.8	554.5	545.1	559.9	550.9	549.3	.	589.9
Hungary	244	236	16.5	32.6	51.0	0.0	1.1	0.0	2.0	541.8	549.6	538.0	.	588.9	.	497.0
Indonesia	293	290	46.2	28.0	24.9	0.9	0.5	0.0	0.9	392.1	414.6	384.8	362.4	369.7	.	450.5
Iran, Islamic Rep. of	291	290	57.0	33.2	9.2	0.6	0.0	0.0	0.2	422.9	423.2	401.1	389.1	.	.	497.2
Ireland	214	211	1.1	10.9	53.2	34.8	0.0	0.0	1.0	547.1	531.9	526.4	531.9	.	.	503.7
Italy	257	243	12.0	25.8	61.2	1.1	3.9	0.0	2.1	524.6	507.5	519.0	547.1	517.3	.	491.8
Japan	157	153	12.5	15.7	70.4	1.4	0.3	0.0	1.8	573.0	570.8	568.3	566.1	545.1	.	561.5
Kazakhstan	239	231	31.8	22.7	45.0	0.5	0.5	0.0	3.7	544.2	539.3	558.9	607.4	529.8	.	539.6
Korea, Rep. of	182	181	18.7	34.0	46.1	1.3	0.6	0.0	0.0	582.8	588.9	592.1	593.3	594.1	.	.
Kuwait	294	275	31.9	38.3	27.9	1.9	7.9	0.0	1.6	351.7	325.1	339.9	404.5	322.9	.	290.7
Lithuania	281	281	1.3	6.7	92.0	0.0	1.1	0.0	1.8	531.1	521.9	528.4	.	492.7	.	530.7
Morocco	367	317	35.5	32.7	31.1	0.7	6.0	0.0	6.8	357.2	355.1	345.0	227.4	338.6	.	369.6
Netherlands	223	167	7.9	5.5	58.6	28.0	21.4	0.0	1.6	502.9	501.4	524.8	508.9	516.1	.	519.6
New Zealand	461	433	0.8	4.5	50.7	44.0	2.5	0.0	3.1	423.8	497.8	507.8	505.9	494.2	.	504.3
Northern Ireland	154	131	0.6	0.6	44.4	54.4	17.4	0.0	0.0	569.6	539.8	518.2	522.2	514.8	.	.
Norway	227	177	1.2	8.9	85.9	4.0	16.9	0.0	4.6	565.9	533.5	539.4	536.9	532.2	.	531.9
Oman	357	339	42.7	33.7	23.1	0.5	0.6	0.0	3.9	430.9	435.5	424.6	475.9	399.2	.	430.0
Poland	254	251	4.3	7.4	88.3	0.0	0.0	0.0	0.9	537.4	543.3	548.2	.	.	.	526.9
Portugal	322	305	5.3	31.4	62.9	0.5	5.1	0.0	0.5	513.7	509.5	507.4	511.8	502.5	.	495.3
Qatar	227	221	38.8	27.9	31.1	2.2	0.0	0.0	3.3	423.4	425.4	452.3	504.6	.	.	481.9
Russian Federation	217	216	8.6	28.4	62.5	0.5	0.0	0.0	0.3	547.0	575.8	566.9	530.6	.	.	456.0
Saudi Arabia	189	185	40.1	35.5	24.4	0.0	0.5	0.0	1.1	406.9	385.2	370.6	.	351.8	.	410.5
Serbia	192	190	7.3	26.9	65.8	0.0	0.0	0.0	1.1	528.6	519.6	525.6	.	.	.	553.6
Singapore	358	351	6.4	24.5	65.9	3.1	1.5	0.0	0.7	564.3	597.2	589.4	623.6	598.2	.	534.6
Slovak Republic	328	324	2.5	14.1	83.5	0.0	1.1	0.0	0.3	521.8	520.9	520.0	.	549.3	.	519.9
Slovenia	256	237	1.4	4.4	92.0	2.3	5.4	0.0	2.1	544.9	549.8	542.9	545.3	533.3	.	534.7
Spain	393	371	11.9	12.6	75.0	0.5	4.1	0.0	0.1	516.6	517.3	518.6	508.4	519.3	.	513.6
Sweden	212	200	0.8	3.8	81.8	13.6	3.4	0.0	2.0	464.5	529.6	542.7	534.7	532.4	.	538.8
Turkey	251	251	45.0	29.4	25.6	0.0	0.0	0.0	0.0	482.8	485.1	482.5	.	.	.	.
United Arab Emirates	840	717	44.9	20.6	30.8	3.7	8.9	0.0	2.0	472.4	433.9	441.1	497.6	414.6	.	413.4
United States	492	415	10.2	16.2	67.3	6.3	12.7	0.0	3.5	519.9	536.8	549.5	550.3	547.0	.	576.9
International Avg (n=47)	13512	12577	14.0	19.0	60.4	6.6	4.3	0.0	1.7	503.8	504.1	506.2	509.1	497.3	.	502.0
Buenos Aires, Argentina	291	121	8.5	14.9	73.9	2.7	53.9	0.0	3.9	411.6	407.2	423.8	443.9	416.8	.	399.1
Ontario, Canada	275	238	2.1	10.1	81.0	6.8	7.2	0.0	5.5	526.3	523.9	531.7	535.0	516.1	.	538.0
Quebec, Canada	151	137	1.5	11.1	77.7	9.7	5.9	0.0	3.3	496.1	517.6	523.2	535.4	533.6	.	540.0
Norway (4)	223	183	0.0	9.2	78.3	12.4	12.4	0.0	3.5	.	491.6	494.8	483.5	491.7	.	494.6
Abu Dhabi, UAE	212	179	31.2	18.6	46.9	3.4	10.1	0.0	1.3	455.8	391.4	403.4	427.0	399.5	.	283.7
Dubai, UAE	290	247	45.8	18.9	28.9	6.4	8.1	0.0	2.2	528.6	498.5	533.5	545.2	442.3	.	493.9
Florida, US	120	88	12.5	28.1	56.4	3.0	20.6	0.0	4.4	533.5	546.3	561.6	510.4	542.1	.	516.5

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-03m (ATBS03M)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	31.2	35.3	30.1	3.4	8.8	0.0	4.4	530.5	524.3	527.8	511.6	499.5	.	507.5
Bahrain	345	337	60.5	30.7	8.7	0.1	2.5	0.0	0.2	467.5	440.1	472.2	573.6	427.2	.	459.9
Belgium (Flemish)	295	287	10.1	23.6	60.6	5.7	1.2	0.0	1.5	505.2	503.0	514.8	524.3	500.5	.	516.1
Bulgaria	233	232	6.1	16.6	75.8	1.5	0.0	0.0	0.1	515.9	527.5	538.2	574.1	.	.	618.0
Canada	699	623	15.8	40.0	39.6	4.6	6.4	0.0	3.7	520.5	525.9	524.7	520.3	523.5	.	538.0
Chile	180	157	14.7	33.2	47.0	5.1	6.9	0.0	4.2	473.2	479.2	476.5	507.4	473.8	.	468.3
Chinese Taipei	178	178	26.9	26.0	41.5	5.6	0.0	0.0	0.0	556.6	554.8	553.8	562.5	.	.	.
Croatia	223	220	8.6	23.1	66.6	1.7	1.5	0.0	0.0	530.4	532.8	533.6	554.8	531.0	.	.
Cyprus	242	233	69.2	21.7	8.9	0.2	1.1	0.0	2.4	481.1	481.7	469.5	442.5	494.5	.	524.4
Czech Republic	265	262	4.6	32.2	62.0	1.2	0.8	0.0	1.0	534.4	535.1	534.0	524.0	542.1	.	539.2
Denmark	196	165	11.4	44.8	35.4	8.5	12.8	0.0	1.1	520.4	531.0	526.1	518.8	528.1	.	515.4
England	214	175	41.3	36.4	21.2	1.0	15.0	0.0	0.7	530.6	546.9	535.5	590.8	522.3	.	543.2
Finland	341	326	18.0	28.4	50.4	3.2	4.3	0.0	0.1	553.1	552.4	554.9	551.3	557.1	.	505.7
France	273	254	15.5	31.9	43.5	9.1	5.7	0.0	1.5	487.5	498.9	481.2	486.6	472.7	.	486.7
Georgia	188	185	11.2	35.3	50.3	3.2	0.7	0.0	0.5	465.1	448.8	449.7	456.3	438.4	.	451.5
Germany	226	196	12.6	32.9	50.0	4.6	10.8	0.0	2.2	535.0	525.7	528.5	532.0	534.0	.	496.3
Hong Kong SAR	148	142	11.2	28.9	56.0	3.9	1.1	0.0	2.8	561.5	565.6	551.0	531.6	549.3	.	589.9
Hungary	244	237	12.3	28.8	57.2	1.7	1.1	0.0	1.6	534.3	539.1	544.8	545.1	588.9	.	516.4
Indonesia	293	291	27.8	37.2	34.8	0.3	0.5	0.0	0.5	398.3	404.5	386.8	298.1	369.7	.	492.0
Iran, Islamic Rep. of	291	288	46.2	42.2	10.5	1.0	0.0	0.0	0.7	421.8	419.4	417.5	469.2	.	.	450.4
Ireland	214	210	24.0	41.5	30.4	4.1	0.0	0.0	1.2	530.0	533.1	518.9	559.7	.	.	507.2
Italy	257	243	12.5	21.0	59.2	7.4	3.9	0.0	2.1	522.1	513.9	518.2	507.4	517.3	.	491.8
Japan	157	153	63.4	18.8	12.0	5.8	0.3	0.0	1.8	570.2	571.0	559.6	572.9	545.1	.	561.5
Kazakhstan	239	231	45.2	29.9	24.5	0.4	0.5	0.0	3.7	550.4	542.3	559.8	500.6	529.8	.	539.6
Korea, Rep. of	182	181	41.7	33.2	20.6	4.5	0.6	0.0	0.0	588.4	590.2	591.5	580.8	594.1	.	.
Kuwait	294	273	55.4	24.6	19.4	0.6	7.9	0.0	2.7	347.4	323.7	339.1	336.5	322.9	.	290.2
Lithuania	291	281	12.4	29.9	57.3	0.4	1.1	0.0	1.8	518.3	540.1	523.7	543.9	492.7	.	530.7
Morocco	367	315	21.4	29.4	43.2	6.0	6.0	0.0	7.7	341.1	341.4	366.2	345.3	338.6	.	361.7
Netherlands	223	166	24.3	14.1	39.0	22.5	21.4	0.0	2.1	523.3	519.2	513.9	515.9	516.1	.	518.5
New Zealand	461	435	36.2	31.8	27.0	4.9	2.5	0.0	2.5	513.7	511.2	493.5	481.9	494.2	.	503.0
Northern Ireland	154	131	25.2	36.5	36.7	1.5	17.4	0.0	0.0	520.7	525.3	515.5	541.8	514.8	.	.
Norway	227	177	7.3	23.5	60.5	8.7	16.9	0.0	4.6	545.2	533.5	540.1	541.9	532.2	.	531.9
Oman	357	343	52.4	34.5	12.6	0.5	0.6	0.0	3.0	430.2	427.2	434.1	577.5	399.2	.	456.8
Poland	254	253	7.3	32.0	59.6	1.0	0.0	0.0	0.3	555.2	543.9	548.3	535.9	.	.	519.0
Portugal	322	303	15.8	23.5	58.0	2.7	5.1	0.0	1.2	506.3	508.1	508.0	530.2	502.5	.	508.2
Qatar	227	221	55.7	26.1	17.6	0.6	0.0	0.0	3.3	430.2	444.0	437.1	380.4	.	.	481.9
Russian Federation	217	216	14.9	41.9	42.4	0.8	0.0	0.0	0.3	556.2	565.8	573.9	535.8	.	.	456.0
Saudi Arabia	189	186	44.3	30.3	23.0	2.4	0.5	0.0	0.8	411.3	383.7	365.4	334.6	351.8	.	390.5
Serbia	192	191	9.6	35.1	55.0	0.3	0.0	0.0	0.3	525.2	529.3	520.7	626.7	.	.	533.5
Singapore	358	351	21.1	41.9	34.3	2.7	1.5	0.0	0.7	589.1	593.8	584.2	639.3	598.2	.	534.6
Slovak Republic	328	323	4.9	29.3	64.7	1.2	1.1	0.0	0.9	524.4	515.3	521.4	529.8	549.3	.	558.8
Slovenia	256	238	1.7	25.4	70.9	2.0	5.4	0.0	1.4	537.9	548.0	541.4	557.4	533.3	.	527.7
Spain	393	369	20.6	26.3	48.3	4.7	4.1	0.0	1.0	520.3	519.4	516.8	519.0	519.3	.	503.3
Sweden	212	201	16.5	41.9	39.9	1.8	3.4	0.0	1.7	545.4	540.3	537.6	571.6	532.4	.	532.5
Turkey	251	251	24.8	24.3	44.2	6.7	0.0	0.0	0.0	483.0	475.6	487.7	484.9	.	.	.
United Arab Emirates	840	717	59.1	26.3	14.0	0.5	8.9	0.0	2.1	468.6	432.4	441.2	509.8	414.6	.	428.1
United States	492	414	36.4	32.5	27.2	3.8	12.7	0.0	3.7	541.4	547.0	544.3	557.1	547.0	.	571.9
International Avg (n=47)	13512	12575	25.7	30.5	40.2	3.5	4.3	0.0	1.7	506.8	505.4	504.8	514.8	497.3	.	501.4
Buenos Aires, Argentina	291	120	24.3	32.2	35.3	8.1	53.9	0.0	4.0	408.2	434.2	412.7	444.0	416.8	.	396.9
Ontario, Canada	275	238	11.6	44.0	42.6	1.7	7.2	0.0	5.5	527.7	530.4	532.6	533.0	516.1	.	538.0
Quebec, Canada	151	137	22.2	26.5	39.1	12.2	5.9	0.0	3.3	532.9	525.8	518.8	515.4	533.6	.	540.0
Norway (4)	223	183	5.7	20.0	66.2	8.0	12.4	0.0	3.5	470.9	497.4	494.3	488.8	491.7	.	494.6
Abu Dhabi, UAE	212	180	51.1	32.9	16.0	0.0	10.1	0.0	1.2	440.6	391.3	402.6	.	399.5	.	282.7
Dubai, UAE	290	246	58.6	28.3	13.1	0.0	8.1	0.0	2.5	526.1	520.5	531.6	587.8	442.3	.	500.6
Florida, US	120	88	33.3	37.6	25.9	3.2	20.6	0.0	4.4	547.6	565.3	543.3	517.7	542.1	.	516.5

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-03n (ATBS03N)

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 %	Not Admini stered %	Not Applic able %	Omitte d %	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	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	2.2	25.2	42.8	29.8	8.8	0.0	4.1	539.7	521.3	527.1	529.6	499.5	.	511.0
Bahrain	345	337	19.3	20.0	39.8	20.9	2.5	0.0	0.2	448.4	447.2	466.0	469.6	427.2	.	459.9
Belgium (Flemish)	295	285	2.2	10.1	61.3	26.4	1.2	0.0	3.1	486.9	505.0	511.7	514.9	500.5	.	522.3
Bulgaria	233	232	7.6	18.2	73.4	0.8	0.0	0.0	0.1	516.1	536.7	537.3	546.8	.	.	618.0
Canada	699	621	4.1	29.8	49.8	16.3	6.4	0.0	3.9	525.3	522.4	527.1	519.3	523.5	.	536.9
Chile	180	158	10.2	23.6	48.0	18.3	6.9	0.0	3.4	474.2	474.7	474.8	496.0	473.8	.	463.3
Chinese Taipei	178	177	3.3	20.8	50.2	25.7	0.0	0.0	0.3	570.5	553.8	554.9	555.2	.	.	559.6
Croatia	223	220	5.5	15.8	67.4	11.3	1.5	0.0	0.0	531.0	535.0	531.7	543.2	531.0	.	.
Cyprus	242	232	2.7	6.9	26.3	64.1	1.1	0.0	2.8	475.7	477.4	480.7	480.2	494.5	.	520.9
Czech Republic	265	262	1.6	20.0	63.8	14.6	0.8	0.0	1.0	550.9	532.9	533.3	538.8	542.1	.	539.2
Denmark	196	164	4.5	32.0	54.2	9.3	12.8	0.0	1.6	506.0	528.9	527.5	525.1	528.1	.	532.6
England	214	175	5.1	41.2	37.0	16.7	15.0	0.0	0.7	535.5	541.4	536.7	534.2	522.3	.	543.2
Finland	341	324	5.7	26.9	56.1	11.3	4.3	0.0	0.9	547.7	551.2	555.0	554.9	557.1	.	565.3
France	273	255	0.5	12.9	48.8	37.7	5.7	0.0	1.3	469.0	494.2	487.1	487.8	472.7	.	493.8
Georgia	188	185	7.2	26.5	54.3	11.9	0.7	0.0	0.5	448.3	435.8	459.3	451.8	438.4	.	451.5
Germany	226	194	5.7	24.1	59.3	10.9	10.8	0.0	2.7	545.0	526.9	529.3	518.7	534.0	.	507.1
Hong Kong SAR	148	142	0.9	14.8	64.8	19.4	1.1	0.0	2.8	542.6	538.7	557.7	562.2	549.3	.	589.9
Hungary	244	237	3.4	23.2	61.1	12.3	1.1	0.0	1.6	537.0	544.8	539.0	551.9	588.9	.	516.4
Indonesia	293	291	16.1	29.6	40.1	14.2	0.5	0.0	0.5	387.9	395.4	397.3	405.0	369.7	.	492.0
Iran, Islamic Rep. of	291	286	29.6	35.6	27.1	7.6	0.0	0.0	1.4	410.9	415.2	428.3	453.3	.	.	461.7
Ireland	214	210	4.5	30.0	39.3	26.3	0.0	0.0	1.2	526.3	531.3	522.9	536.5	.	.	507.2
Italy	257	243	7.4	15.2	49.9	27.6	3.9	0.0	2.1	507.3	513.7	516.4	522.5	517.3	.	491.8
Japan	157	153	2.9	4.2	15.0	77.9	0.3	0.0	1.8	590.0	570.2	567.2	568.8	545.1	.	561.5
Kazakhstan	239	231	46.6	24.0	29.1	0.4	0.5	0.0	3.7	547.8	546.6	555.4	644.3	529.8	.	539.6
Korea, Rep. of	182	181	8.5	23.7	42.4	25.4	0.6	0.0	0.0	583.8	589.8	591.8	586.5	594.1	.	.
Kuwait	294	276	21.3	21.7	32.8	24.2	7.9	0.0	1.3	335.2	308.2	344.7	361.8	322.9	.	307.0
Lithuania	291	281	9.9	30.8	57.7	1.6	1.1	0.0	1.8	527.5	533.0	526.0	506.7	492.7	.	530.7
Morocco	367	316	9.9	21.6	47.0	21.5	6.0	0.0	7.1	338.3	349.4	357.1	346.2	338.6	.	375.2
Netherlands	223	167	19.3	14.8	37.0	28.9	21.4	0.0	1.6	519.2	516.4	514.7	520.0	516.1	.	519.6
New Zealand	461	434	3.2	20.9	48.1	27.9	2.5	0.0	2.8	520.1	508.8	501.8	508.9	494.2	.	505.4
Northern Ireland	154	131	1.9	28.2	47.8	22.1	17.4	0.0	0.0	535.6	526.2	515.8	523.4	514.8	.	.
Norway	227	176	0.5	14.6	62.9	21.9	16.9	0.0	5.0	548.2	533.9	538.3	544.6	532.2	.	532.9
Oman	357	344	11.8	23.2	33.5	31.5	0.6	0.0	2.8	417.2	423.6	431.5	439.2	399.2	.	457.1
Poland	254	251	1.9	7.7	47.4	43.0	0.0	0.0	0.9	544.9	546.4	543.6	551.9	.	.	525.9
Portugal	322	304	4.2	15.7	59.9	20.2	5.1	0.0	1.1	508.1	505.7	507.1	514.4	502.5	.	507.4
Qatar	227	221	20.6	27.8	39.0	12.6	0.0	0.0	3.3	389.1	446.7	443.3	456.6	.	.	481.9
Russian Federation	217	216	11.2	37.0	44.3	7.5	0.0	0.0	0.3	548.6	568.7	575.7	542.6	.	.	456.0
Saudi Arabia	189	186	18.4	24.1	40.9	16.5	0.5	0.0	0.8	413.9	379.7	388.0	386.4	351.8	.	390.5
Serbia	192	191	6.6	20.6	59.0	13.9	0.0	0.0	0.3	512.2	533.9	520.8	532.0	.	.	533.5
Singapore	358	350	7.5	27.8	40.2	24.5	1.5	0.0	1.1	606.6	596.7	586.0	586.1	598.2	.	575.4
Slovak Republic	328	324	3.5	22.3	61.1	13.1	1.1	0.0	0.3	528.3	511.8	522.0	523.7	549.3	.	519.9
Slovenia	256	238	0.9	16.4	73.8	8.9	5.4	0.0	1.4	537.4	546.3	541.9	550.5	533.3	.	527.7
Spain	393	367	5.8	8.7	59.1	26.4	4.1	0.0	1.5	528.8	517.5	515.7	521.7	519.3	.	514.5
Sweden	212	201	2.1	11.7	34.9	51.4	3.4	0.0	1.7	534.1	541.7	538.0	542.4	532.4	.	532.5
Turkey	251	251	14.7	17.8	54.7	12.8	0.0	0.0	0.0	484.9	479.6	481.3	495.8	.	.	.
United Arab Emirates	840	714	21.1	27.5	38.1	13.3	8.9	0.0	3.3	455.3	457.2	453.4	448.1	414.6	.	472.9
United States	492	414	13.8	25.5	40.4	20.3	12.7	0.0	3.7	526.3	549.5	543.3	553.3	547.0	.	571.9
International Avg (n=47)	13512	12562	8.9	21.7	48.1	21.3	4.3	0.0	1.8	503.5	504.5	506.5	511.8	497.3	.	507.5
Buenos Aires, Argentina	291	120	9.2	25.0	40.4	25.4	53.9	0.0	4.0	423.4	409.2	407.9	453.1	416.8	.	396.9
Ontario, Canada	275	238	0.8	31.3	54.3	13.6	7.2	0.0	5.5	497.5	524.9	536.1	527.1	516.1	.	538.0
Quebec, Canada	151	136	8.7	27.7	40.8	22.9	5.9	0.0	3.7	543.1	525.8	522.3	514.9	533.6	.	537.8
Norway (4)	223	183	2.6	11.4	63.9	22.2	12.4	0.0	3.5	487.5	500.4	493.2	489.9	491.7	.	494.6
Abu Dhabi, UAE	212	179	19.3	24.7	43.7	12.3	10.1	0.0	1.8	423.5	392.4	427.9	426.7	399.5	.	331.9
Dubai, UAE	290	243	16.6	37.4	36.4	9.6	8.1	0.0	6.6	505.4	524.4	527.5	530.2	442.3	.	546.3
Florida, US	120	88	10.2	25.4	50.9	13.5	20.6	0.0	4.4	528.1	562.2	552.5	550.7	542.1	.	516.5

Question: Do the students in this class have computers (including tablets) available to use during their science lessons?  
Location: TQS-04A (ATBS04A)

Country	Sample	Valid N	1.Yes %	2.No %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	420	62.9	37.1	8.8	0.0	2.5	528.3	523.8	499.5	.	502.7
Bahrain	345	335	37.2	62.8	2.5	0.0	0.8	468.3	454.1	427.2	.	485.4
Belgium (Flemish)	295	286	78.5	21.5	1.2	0.0	1.0	513.4	504.8	500.5	.	517.4
Bulgaria	233	225	30.9	69.1	0.0	0.0	3.6	538.0	533.5	.	.	557.9
Canada	699	624	63.5	36.5	6.5	0.0	3.8	524.0	524.8	523.8	.	537.7
Chile	180	155	48.7	51.3	6.9	0.0	4.5	484.2	472.9	473.8	.	470.2
Chinese Taipei	178	174	46.9	53.1	0.0	0.0	2.7	557.2	553.6	.	.	556.4
Croatia	223	220	10.4	89.6	1.5	0.0	0.0	537.2	533.0	531.0	.	.
Cyprus	242	238	51.1	48.9	1.1	0.0	0.4	484.1	478.4	494.5	.	440.6
Czech Republic	265	263	35.0	65.0	0.8	0.0	0.0	535.0	533.9	542.1	.	.
Denmark	196	166	90.3	9.7	12.8	0.0	0.6	527.0	526.9	528.1	.	506.2
England	214	175	71.0	29.0	15.0	0.0	0.7	536.1	543.3	522.3	.	543.2
Finland	341	326	64.1	35.9	4.3	0.0	0.1	553.9	553.4	557.1	.	505.7
France	273	256	32.7	67.3	5.7	0.0	1.1	495.2	484.8	472.7	.	495.7
Georgia	188	185	82.1	17.9	0.7	0.0	2.0	449.2	459.2	438.4	.	466.9
Germany	226	197	53.8	46.2	10.8	0.0	1.6	530.2	526.8	534.0	.	480.6
Hong Kong SAR	148	137	47.3	52.7	1.1	0.0	5.3	564.4	548.9	549.3	.	564.0
Hungary	244	237	33.4	66.6	1.1	0.0	1.6	528.9	548.4	588.9	.	516.4
Indonesia	293	286	7.1	92.9	0.5	0.0	2.1	410.0	396.5	369.7	.	367.2
Iran, Islamic Rep. of	291	278	27.5	72.5	0.0	0.0	4.7	450.0	412.9	.	.	378.3
Ireland	214	210	41.5	58.5	0.0	0.0	1.8	532.0	526.9	.	.	521.6
Italy	257	242	43.8	56.2	3.9	0.0	2.0	522.1	512.7	517.3	.	498.2
Japan	157	150	65.2	34.8	0.3	0.0	3.5	567.9	571.6	545.1	.	566.7
Kazakhstan	239	230	49.6	50.4	0.5	0.0	4.7	557.1	543.0	529.8	.	543.2
Korea, Rep. of	182	181	21.8	78.2	0.6	0.0	0.0	589.4	589.3	594.1	.	.
Kuwait	294	266	36.7	63.3	7.9	0.0	3.7	332.0	341.9	322.9	.	341.7
Lithuania	291	285	41.1	58.9	1.1	0.0	0.0	525.2	530.1	492.7	.	374.7
Morocco	367	315	10.2	89.8	6.0	0.0	7.2	368.2	350.1	338.6	.	366.7
Netherlands	223	166	62.6	37.4	22.5	0.0	0.6	515.3	521.1	515.1	.	547.6
New Zealand	461	435	91.1	8.9	2.5	0.0	2.9	508.2	477.4	494.2	.	517.8
Northern Ireland	154	129	75.8	24.2	17.4	0.0	0.8	522.6	515.6	514.8	.	513.4
Norway	227	178	66.4	33.6	16.9	0.0	4.2	539.7	537.6	532.2	.	533.1
Oman	357	342	14.5	85.5	0.6	0.0	3.0	421.8	432.0	399.2	.	451.2
Poland	254	248	43.3	56.7	0.0	0.0	2.3	546.6	547.4	.	.	552.5
Portugal	322	304	22.8	77.2	5.1	0.0	1.2	506.6	508.9	502.5	.	506.7
Qatar	227	215	42.6	57.4	0.0	0.0	5.2	427.4	443.7	.	.	426.8
Russian Federation	217	217	66.2	33.8	0.0	0.0	0.0	568.8	564.0	.	.	.
Saudi Arabia	189	184	39.7	60.3	0.5	0.0	1.6	399.1	384.2	351.8	.	415.7
Serbia	192	188	21.3	78.7	0.0	0.0	1.6	526.3	523.8	.	.	536.1
Singapore	358	351	48.7	51.3	1.5	0.0	0.7	594.3	587.4	598.2	.	534.6
Slovak Republic	328	324	35.4	64.6	1.1	0.0	0.3	526.3	516.8	549.3	.	519.9
Slovenia	256	240	22.2	77.8	5.4	0.0	0.4	536.0	545.2	533.3	.	524.4
Spain	393	366	40.4	59.6	4.1	0.0	1.5	515.9	520.9	519.3	.	473.1
Sweden	212	202	72.9	27.1	4.0	0.0	0.5	543.9	531.2	533.0	.	545.5
Turkey	251	249	33.0	67.0	0.0	0.0	0.4	504.7	473.1	.	.	448.7
United Arab Emirates	840	697	33.7	66.3	8.9	0.0	4.1	482.4	442.5	414.6	.	430.9
United States	492	421	47.1	52.9	12.7	0.0	2.4	546.7	543.2	547.0	.	576.7
International Avg (n=47)	13512	12518	46.0	54.0	4.4	0.0	2.0	509.4	504.2	497.3	.	492.1
Buenos Aires, Argentina	291	120	58.5	41.5	53.9	0.0	4.1	400.9	447.7	416.8	.	405.1
Ontario, Canada	275	238	61.8	38.2	7.2	0.0	5.7	535.3	524.5	516.1	.	536.8
Quebec, Canada	151	137	55.0	45.0	6.3	0.0	3.2	523.7	522.7	534.2	.	540.6
Norway (4)	223	183	60.5	39.5	12.4	0.0	3.5	496.7	487.6	491.7	.	494.6
Abu Dhabi, UAE	212	176	29.6	70.4	10.1	0.0	2.3	413.1	417.3	399.5	.	430.5
Dubai, UAE	290	247	53.4	46.6	8.1	0.0	2.1	544.9	506.1	442.3	.	428.1
Florida, US	120	91	56.0	44.0	20.6	0.0	2.5	559.7	539.8	542.1	.	528.7

Question: What access do the students have to computers? Each student has a computer  
 Location: TQS-04Ba (ATBS04BA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	420	12.6	50.3	8.8	37.1	2.5	535.3	526.5	499.5	523.8	502.7
Bahrain	345	331	4.8	31.9	2.5	63.3	1.5	471.0	469.5	427.2	454.1	444.0
Belgium (Flemish)	295	282	4.9	73.1	1.2	22.0	3.2	509.7	513.2	500.5	504.8	524.8
Bulgaria	233	225	2.6	28.4	0.0	69.1	3.6	572.6	534.9	.	533.5	557.9
Canada	699	620	10.3	53.0	6.4	36.7	4.4	512.9	526.1	523.5	524.8	537.2
Chile	180	155	12.6	36.1	6.9	51.3	4.5	478.0	486.4	473.8	472.9	470.2
Chinese Taipei	178	174	2.3	44.6	0.0	53.1	2.7	517.3	559.2	.	553.6	556.4
Croatia	223	220	2.1	8.3	1.5	89.6	0.0	523.6	540.6	531.0	533.0	.
Cyprus	242	233	2.1	47.9	1.1	50.0	2.5	497.0	483.7	494.5	478.4	474.6
Czech Republic	265	263	6.5	28.5	0.8	65.0	0.0	525.3	537.3	542.1	533.9	.
Denmark	196	165	30.6	59.7	12.8	9.7	1.2	519.0	531.1	528.1	526.9	517.9
England	214	175	8.9	62.1	15.0	29.0	0.7	541.3	535.3	522.3	543.3	543.2
Finland	341	325	5.9	58.0	4.3	36.1	0.6	563.3	553.3	557.1	553.4	510.2
France	273	256	1.6	31.1	5.7	67.3	1.1	503.5	494.7	472.7	484.8	495.7
Georgia	188	185	72.0	10.1	0.7	17.9	2.0	447.2	463.9	438.4	459.2	466.9
Germany	226	196	3.5	50.0	10.8	46.5	2.1	530.8	530.0	534.0	526.8	496.0
Hong Kong SAR	148	136	18.6	28.1	1.1	53.3	6.3	567.9	564.2	549.3	548.9	555.5
Hungary	244	237	3.4	30.0	1.1	66.6	1.6	532.0	528.6	588.9	548.4	516.4
Indonesia	293	284	0.5	5.8	0.5	93.7	2.9	432.4	424.0	369.7	396.5	348.0
Iran, Islamic Rep. of	291	274	2.1	24.9	0.0	73.0	5.4	499.7	443.7	.	412.9	397.3
Ireland	214	209	1.8	39.6	0.0	58.5	1.9	573.8	530.0	.	526.9	523.4
Italy	257	242	3.0	40.9	3.9	56.2	2.0	502.0	523.6	517.3	512.7	498.2
Japan	157	149	10.7	54.2	0.3	35.1	4.2	567.4	567.5	545.1	571.6	572.0
Kazakhstan	239	225	17.8	30.6	0.5	51.6	6.9	554.8	560.5	529.8	543.0	538.6
Korea, Rep. of	182	181	4.3	17.6	0.6	78.2	0.0	570.5	594.0	594.1	589.3	.
Kuwait	294	264	3.4	32.8	7.9	63.8	4.4	296.8	335.2	322.9	341.9	343.8
Lithuania	291	283	1.5	39.2	1.1	59.4	0.8	526.6	525.4	492.7	530.1	504.6
Morocco	367	315	0.0	10.2	6.0	89.8	7.2	.	368.2	338.6	350.1	366.7
Netherlands	223	167	2.4	60.3	22.1	37.3	0.6	478.3	516.2	516.4	521.1	547.6
New Zealand	461	430	8.8	82.2	2.5	9.0	4.1	498.7	509.2	494.2	477.4	514.6
Northern Ireland	154	128	3.2	72.3	17.4	24.5	1.9	530.1	522.4	514.8	515.6	514.4
Norway	227	178	9.8	56.6	16.9	33.6	4.2	535.7	540.4	532.2	537.6	533.1
Oman	357	341	1.2	13.2	0.6	85.6	3.2	426.6	421.1	399.2	432.0	451.1
Poland	254	246	4.5	38.4	0.0	57.1	2.9	542.1	546.8	.	547.4	555.9
Portugal	322	304	0.0	22.8	5.1	77.2	1.2	532.6	506.6	502.5	508.9	506.7
Qatar	227	213	12.0	30.0	0.0	57.9	6.1	438.7	425.7	.	443.7	413.7
Russian Federation	217	217	5.9	60.4	0.0	33.8	0.0	572.3	568.5	.	564.0	.
Saudi Arabia	189	171	3.0	32.2	0.5	64.8	8.4	393.0	409.1	351.8	384.2	369.6
Serbia	192	185	2.0	18.0	0.0	80.1	3.3	546.0	523.3	.	523.8	535.4
Singapore	358	351	25.2	23.5	1.5	51.3	0.7	596.7	591.6	598.2	587.4	534.6
Slovak Republic	328	324	8.1	27.4	1.1	64.6	0.3	537.2	523.1	549.3	516.8	519.9
Slovenia	256	240	1.3	21.0	5.4	77.8	0.4	538.2	535.9	533.3	545.2	524.4
Spain	393	364	4.3	35.6	4.9	60.1	1.5	537.0	512.7	523.3	520.9	473.1
Sweden	212	202	15.5	57.3	4.0	27.1	0.5	531.4	547.3	533.0	531.2	545.5
Turkey	251	245	1.5	29.8	0.0	68.7	2.8	533.2	501.3	.	473.1	517.6
United Arab Emirates	840	694	8.6	24.9	8.9	66.5	4.4	514.8	472.3	414.6	442.5	428.7
United States	492	421	12.9	34.1	12.7	52.9	2.4	537.2	550.3	547.0	543.2	576.7
International Avg (n=47)	13512	12445	8.1	37.6	4.4	54.3	2.7	515.0	510.1	497.4	504.2	495.9
Buenos Aires, Argentina	291	118	38.8	19.1	53.9	42.1	4.6	394.7	415.6	416.8	447.7	401.3
Ontario, Canada	275	235	7.2	54.1	7.2	38.7	6.8	522.2	537.1	516.1	524.5	536.0
Quebec, Canada	151	138	9.4	45.8	5.9	44.8	3.2	519.3	524.8	533.6	522.7	540.6
Norway (4)	223	183	5.4	55.1	12.4	39.5	3.5	510.2	495.4	491.7	487.6	494.6
Abu Dhabi, UAE	212	174	4.2	24.8	10.1	71.0	3.1	469.5	404.4	399.5	417.3	420.4
Dubai, UAE	290	246	22.0	31.3	8.1	46.7	2.3	537.5	550.7	442.3	506.1	430.5
Florida, US	120	91	8.9	47.1	20.6	44.0	2.5	533.6	564.7	542.1	539.8	528.7

Question: What access do the students have to computers? The class has computers that students can share  
 Location: TQS-04Bb (ATBS04BB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	420	48.2	14.7	8.8	37.1	2.5	525.9	536.1	499.5	523.8	502.7
Bahrain	345	333	9.2	27.6	2.5	63.2	1.3	466.4	469.7	427.2	454.1	462.2
Belgium (Flemish)	295	282	52.0	26.0	1.2	22.0	3.2	516.4	506.1	500.5	504.8	524.8
Bulgaria	233	225	7.1	23.8	0.0	69.1	3.6	543.2	536.5	.	533.5	557.9
Canada	699	620	44.0	19.3	6.4	36.7	4.4	521.9	528.8	523.5	524.8	537.2
Chile	180	155	20.8	27.9	6.9	51.3	4.5	480.1	487.3	473.8	472.9	470.2
Chinese Taipei	178	174	28.7	18.2	0.0	53.1	2.7	559.5	553.5	.	553.6	556.4
Croatia	223	220	1.7	8.7	1.5	89.6	0.0	555.2	533.7	531.0	533.0	.
Cyprus	242	233	23.3	26.7	1.1	50.0	2.5	480.7	487.3	494.5	478.4	474.6
Czech Republic	265	263	13.2	21.8	0.8	65.0	0.0	544.1	529.6	542.1	533.9	.
Denmark	196	164	23.6	66.6	12.8	9.8	1.8	533.3	525.0	528.1	526.9	514.2
England	214	175	44.3	26.7	15.0	29.0	0.7	534.5	538.6	522.3	543.3	543.2
Finland	341	325	29.1	34.8	4.3	36.1	0.6	559.1	550.2	557.1	553.4	510.2
France	273	256	15.2	17.5	5.7	67.3	1.1	493.9	496.2	472.7	484.8	495.7
Georgia	188	185	30.0	52.1	0.7	17.9	2.0	466.6	439.2	438.4	459.2	466.9
Germany	226	197	40.0	13.8	10.8	46.2	1.6	527.2	538.9	534.0	526.8	480.6
Hong Kong SAR	148	136	24.2	22.5	1.1	53.3	6.3	567.7	563.4	549.3	548.9	555.5
Hungary	244	237	11.9	21.5	1.1	66.6	1.6	516.5	535.8	588.9	548.4	516.4
Indonesia	293	284	1.4	4.9	0.5	93.7	2.9	444.4	419.1	369.7	396.5	348.0
Iran, Islamic Rep. of	291	272	6.0	20.3	0.0	73.7	6.3	493.1	436.2	.	412.9	400.7
Ireland	214	209	28.1	13.4	0.0	58.5	1.9	533.8	528.1	.	526.9	523.4
Italy	257	242	24.4	19.5	3.9	56.2	2.0	524.9	518.7	517.3	512.7	498.2
Japan	157	149	21.0	43.9	0.3	35.1	4.2	563.5	569.4	545.1	571.6	572.0
Kazakhstan	239	226	39.3	9.4	0.5	51.3	6.4	553.7	578.3	529.8	543.0	537.2
Korea, Rep. of	182	181	5.4	16.5	0.6	78.2	0.0	592.5	588.4	594.1	589.3	.
Kuwait	294	264	16.2	20.0	7.9	63.8	4.4	345.5	320.3	322.9	341.9	343.8
Lithuania	291	284	19.2	21.6	1.1	59.2	0.5	518.9	531.9	492.7	530.1	468.2
Morocco	367	315	1.6	8.6	6.0	89.8	7.2	438.0	355.4	338.6	350.1	366.7
Netherlands	223	168	56.4	6.5	21.9	37.2	0.6	513.4	526.9	516.2	521.1	547.6
New Zealand	461	432	78.2	12.8	2.5	9.0	3.7	508.5	505.7	494.2	477.4	518.1
Northern Ireland	154	129	52.9	22.9	17.4	24.2	0.8	519.3	530.1	514.8	515.6	513.4
Norway	227	177	43.6	22.6	16.9	33.7	4.5	536.8	544.9	532.2	537.6	535.1
Oman	357	339	6.9	6.9	0.6	86.2	3.9	443.1	399.0	399.2	432.0	447.5
Poland	254	243	10.8	31.5	0.0	57.7	3.9	541.3	547.2	.	547.4	559.8
Portugal	322	303	8.3	14.0	5.1	77.7	1.7	518.8	500.1	502.5	508.9	500.5
Qatar	227	212	19.2	22.5	0.0	58.3	6.6	418.9	437.3	.	443.7	418.4
Russian Federation	217	217	44.8	21.5	0.0	33.8	0.0	565.0	576.8	.	564.0	.
Saudi Arabia	189	171	15.7	19.5	0.5	64.8	8.4	398.5	415.1	351.8	384.2	369.6
Serbia	192	186	8.7	11.5	0.0	79.8	2.9	529.6	522.2	.	523.8	537.5
Singapore	358	351	20.7	27.9	1.5	51.3	0.7	578.9	605.6	598.2	587.4	534.6
Slovak Republic	328	324	12.0	23.5	1.1	64.6	0.3	540.8	519.0	549.3	516.8	519.9
Slovenia	256	240	6.7	15.6	5.4	77.8	0.4	537.1	535.5	533.3	545.2	524.4
Spain	393	363	12.9	26.9	4.9	60.2	1.8	519.3	513.3	523.3	520.9	480.7
Sweden	212	201	34.0	38.7	4.0	27.2	0.9	550.2	538.0	533.0	531.2	562.2
Turkey	251	246	22.8	9.3	0.0	67.8	1.6	510.7	490.5	.	473.1	488.7
United Arab Emirates	840	694	17.8	15.6	8.9	66.6	4.5	499.6	463.6	414.6	442.5	433.5
United States	492	421	38.8	8.3	12.7	52.9	2.4	548.1	540.5	547.0	543.2	576.7
International Avg (n=47)	13512	12443	24.3	21.4	4.4	54.3	2.7	514.4	508.8	497.4	504.2	495.2
Buenos Aires, Argentina	291	118	34.6	23.3	53.9	42.1	4.6	395.2	411.1	416.8	447.7	401.3
Ontario, Canada	275	235	41.4	19.9	7.2	38.7	6.8	535.2	535.5	516.1	524.5	536.0
Quebec, Canada	151	138	47.5	7.7	5.9	44.8	3.2	522.4	532.7	533.6	522.7	540.6
Norway (4)	223	182	43.4	16.8	12.4	39.7	4.0	493.5	504.8	491.7	487.6	495.1
Abu Dhabi, UAE	212	175	13.5	15.6	10.1	70.9	3.0	438.3	393.0	399.5	417.3	419.1
Dubai, UAE	290	245	29.7	23.3	8.1	47.0	2.8	546.3	543.0	442.3	506.1	459.2
Florida, US	120	91	51.1	4.9	20.6	44.0	2.5	561.7	539.6	542.1	539.8	528.7

Question: What access do the students have to computers? The school has computers that the class can use sometimes  
Location: TQS-04Bc (ATBS04BC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1.Yes Mean	2.No Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	420	52.2	10.7	8.8	37.1	2.5	528.7	526.1	499.5	523.8	502.7
Bahrain	345	333	34.7	2.1	2.5	63.2	1.3	470.7	439.1	427.2	454.1	462.2
Belgium (Flemish)	295	279	63.7	14.1	1.2	22.2	4.0	511.5	520.0	500.5	504.8	521.3
Bulgaria	233	225	30.2	0.8	0.0	69.1	3.6	541.2	414.1	.	533.5	557.9
Canada	699	619	57.7	5.6	6.4	36.7	4.5	524.4	519.1	523.5	524.8	537.2
Chile	180	153	45.5	2.9	6.9	51.7	5.2	485.2	470.5	473.8	472.9	470.9
Chinese Taipei	178	174	34.2	12.8	0.0	53.1	2.7	561.8	544.7	.	553.6	556.4
Croatia	223	220	10.4	0.0	1.5	89.6	0.0	537.2	.	531.0	533.0	.
Cyprus	242	237	44.8	6.1	1.1	49.1	0.8	483.9	485.5	494.5	478.4	460.8
Czech Republic	265	263	32.6	2.4	0.8	65.0	0.0	535.9	523.7	542.1	533.9	.
Denmark	196	165	70.8	19.5	12.8	9.7	1.0	529.8	518.8	528.1	526.9	486.0
England	214	175	63.4	7.7	15.0	29.0	0.7	537.4	524.9	522.3	543.3	543.2
Finland	341	326	62.2	1.9	4.3	35.9	0.1	553.9	554.2	557.1	553.4	505.7
France	273	256	28.0	4.7	5.7	67.3	1.1	494.0	502.3	472.7	484.8	495.7
Georgia	188	185	75.3	6.8	0.7	17.9	2.0	449.4	447.6	438.4	459.2	466.9
Germany	226	194	42.8	10.8	10.8	46.5	2.1	532.5	524.7	534.0	526.8	475.3
Hong Kong SAR	148	136	41.0	5.7	1.1	53.3	6.3	564.6	573.5	549.3	548.9	555.5
Hungary	244	237	28.8	4.6	1.1	66.6	1.6	524.4	557.2	588.9	548.4	516.4
Indonesia	293	284	3.3	3.0	0.5	93.7	2.9	463.9	381.2	369.7	396.5	348.0
Iran, Islamic Rep. of	291	271	17.6	8.3	0.0	74.2	6.9	454.4	431.9	.	412.9	411.2
Ireland	214	209	32.9	8.0	0.0	59.0	2.7	530.5	537.4	.	526.9	527.4
Italy	257	242	40.0	3.8	3.9	56.2	2.0	520.9	535.0	517.3	512.7	498.2
Japan	157	149	62.9	2.0	0.3	35.1	4.2	567.6	564.8	545.1	571.6	572.0
Kazakhstan	239	226	45.2	3.5	0.5	51.3	6.4	556.6	582.7	529.8	543.0	537.2
Korea, Rep. of	182	181	20.4	1.5	0.6	78.2	0.0	591.0	567.3	594.1	589.3	.
Kuwait	294	262	27.8	7.9	7.9	64.4	5.2	328.5	332.4	322.9	341.9	354.9
Lithuania	291	282	38.5	2.3	1.1	59.3	0.6	525.3	535.2	492.7	530.1	473.7
Morocco	367	315	8.9	1.3	6.0	89.8	7.2	372.4	340.6	338.6	350.1	366.7
Netherlands	223	169	47.1	16.1	21.4	36.9	0.6	515.5	513.0	516.1	521.1	547.6
New Zealand	461	425	61.6	29.3	2.5	9.1	5.1	509.6	506.2	494.2	477.4	509.0
Northern Ireland	154	127	54.8	20.1	17.4	25.1	3.8	525.9	518.6	514.8	515.6	499.0
Norway	227	178	57.3	9.0	16.9	33.6	4.2	541.7	526.9	532.2	537.6	533.1
Oman	357	339	12.7	1.1	0.6	86.2	3.9	425.3	371.3	399.2	432.0	447.5
Poland	254	244	38.8	3.6	0.0	57.6	3.8	545.9	554.5	.	547.4	550.1
Portugal	322	303	22.7	0.1	5.1	77.2	1.2	506.5	519.8	502.5	508.9	506.5
Qatar	227	212	35.9	5.8	0.0	58.3	6.6	429.9	422.1	.	443.7	418.4
Russian Federation	217	217	60.0	6.2	0.0	33.8	0.0	570.4	553.3	.	564.0	.
Saudi Arabia	189	170	31.7	3.2	0.5	65.1	8.8	402.7	457.0	351.8	384.2	371.5
Serbia	192	186	17.4	2.8	0.0	79.8	2.9	527.2	514.3	.	523.8	537.5
Singapore	358	351	45.1	3.6	1.5	51.3	0.7	593.6	602.0	598.2	587.4	534.6
Slovak Republic	328	324	31.6	3.8	1.1	64.6	0.3	524.4	542.3	549.3	516.8	519.9
Slovenia	256	239	20.9	1.1	5.4	78.0	0.7	536.0	541.7	533.3	545.2	519.5
Spain	393	363	36.8	3.1	4.9	60.1	1.6	515.2	517.0	523.3	520.9	474.0
Sweden	212	201	46.3	26.5	4.0	27.2	0.8	544.5	542.7	533.0	531.2	554.3
Turkey	251	244	18.4	13.1	0.0	68.5	2.5	503.6	504.0	.	473.1	508.0
United Arab Emirates	840	694	28.3	5.2	8.9	66.5	4.4	476.3	521.2	414.6	442.5	428.7
United States	492	421	40.5	6.5	12.7	52.9	2.4	545.6	553.9	547.0	543.2	576.7
International Avg (n=47)	13512	12425	38.8	6.8	4.3	54.4	2.8	511.0	505.1	497.4	504.2	493.9
Buenos Aires, Argentina	291	118	54.5	3.4	53.9	42.1	4.6	403.1	377.3	416.8	447.7	401.3
Ontario, Canada	275	234	57.2	4.0	7.2	38.8	6.9	535.3	536.0	516.1	524.5	536.0
Quebec, Canada	151	138	47.1	8.1	5.9	44.8	3.2	525.1	516.7	533.6	522.7	540.6
Norway (4)	223	181	49.5	10.6	12.4	39.9	4.4	494.2	505.5	491.7	487.6	500.6
Abu Dhabi, UAE	212	174	26.3	2.7	10.1	71.0	3.1	406.8	481.7	399.5	417.3	420.4
Dubai, UAE	290	246	45.0	8.3	8.1	46.7	2.3	546.3	539.6	442.3	506.1	430.5
Florida, US	120	91	51.0	5.0	20.6	44.0	2.5	559.3	563.8	542.1	539.8	528.7

Question: How often do you have the students do the following activities on computers during science lessons? Practice skills and procedures  
Location: TQS-04Ca (ATBS04CA)

Country	Sample	Valid N	1.Ever y or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Ever y or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	419	1.4	17.1	21.0	23.5	8.8	37.1	2.6	537.5	529.0	527.8	527.8	499.5	523.8	502.1
Bahrain	345	330	2.9	11.2	14.3	7.8	2.5	63.8	2.3	457.2	485.6	453.0	476.8	427.2	454.1	469.2
Belgium (Flemish)	295	280	0.0	14.1	47.7	16.0	1.2	22.2	4.0	.	511.4	515.3	507.3	500.5	504.8	523.4
Bulgaria	233	222	0.4	2.4	22.3	5.0	0.0	69.9	4.8	613.4	599.6	538.8	494.7	.	533.5	557.1
Canada	699	619	0.4	13.7	28.0	21.1	6.4	36.8	4.5	527.6	517.5	522.7	529.2	523.5	524.8	539.1
Chile	180	155	2.9	9.0	25.6	11.2	6.9	51.3	4.5	467.0	478.8	484.8	491.6	473.8	472.9	470.2
Chinese Taipei	178	172	2.7	13.6	15.2	14.8	0.0	53.7	3.8	573.3	556.3	556.0	556.6	.	553.6	555.3
Croatia	223	220	0.3	3.5	4.8	1.8	1.5	89.6	0.0	546.0	547.6	525.7	546.4	531.0	533.0	.
Cyprus	242	238	0.0	4.9	30.2	15.9	1.1	48.9	0.4	.	489.8	482.6	485.1	494.5	478.4	440.6
Czech Republic	265	263	0.8	4.7	21.0	8.6	0.8	65.0	0.0	534.1	538.5	537.5	527.1	542.1	533.9	.
Denmark	196	165	2.3	13.3	34.7	40.0	12.8	9.7	1.0	494.8	527.4	530.9	525.6	528.1	526.9	505.9
England	214	174	0.0	9.1	33.7	28.1	15.0	29.1	1.1	.	540.8	538.6	532.5	522.3	543.3	519.5
Finland	341	326	1.4	7.5	38.7	16.5	4.3	35.9	0.1	547.0	550.7	556.0	551.0	557.1	553.4	505.7
France	273	256	0.0	1.5	5.2	26.0	5.7	67.3	1.1	.	500.3	491.8	495.5	472.7	484.8	495.7
Georgia	188	178	8.0	38.4	32.5	2.6	0.7	18.5	5.4	430.5	451.6	452.0	442.3	438.4	459.2	453.8
Germany	226	192	0.0	3.0	18.8	30.8	10.8	47.4	3.8	.	529.4	532.8	528.2	534.0	526.8	513.4
Hong Kong SAR	148	136	1.2	8.6	19.5	17.4	1.1	53.3	6.3	587.7	574.2	555.9	570.8	549.3	548.9	555.5
Hungary	244	237	1.7	9.0	15.6	7.1	1.1	66.6	1.6	524.9	536.7	535.2	506.2	588.9	548.4	516.4
Indonesia	293	284	0.2	1.7	2.3	2.2	0.5	93.7	2.9	531.6	449.0	466.2	354.1	369.7	396.5	348.0
Iran, Islamic Rep. of	291	273	1.8	7.5	8.4	8.9	0.0	73.4	6.0	479.7	449.1	442.1	448.8	.	412.9	398.5
Ireland	214	210	0.0	1.9	19.8	19.7	0.0	58.5	1.8	.	522.5	524.7	540.3	.	526.9	521.6
Italy	257	239	4.7	20.4	8.6	9.8	3.9	56.5	2.6	524.8	526.5	509.7	522.9	517.3	512.7	502.1
Japan	157	149	0.0	0.5	12.6	51.8	0.3	35.1	4.2	.	539.9	571.1	566.9	545.1	571.6	572.0
Kazakhstan	239	227	12.1	27.4	8.8	0.7	0.5	51.0	5.8	560.2	551.4	570.8	564.9	529.8	543.0	544.1
Korea, Rep. of	182	181	1.9	3.8	8.3	7.8	0.6	78.2	0.0	581.0	576.7	585.4	601.9	594.1	589.3	.
Kuwait	294	263	7.4	15.3	8.0	5.1	7.9	64.2	5.0	311.5	340.7	337.1	327.8	322.9	341.9	339.4
Lithuania	291	285	1.3	8.4	27.1	4.3	1.1	58.9	0.0	509.0	521.0	529.2	513.1	492.7	530.1	374.7
Morocco	367	315	0.0	2.9	1.8	5.5	6.0	89.8	7.2	.	418.2	334.6	353.1	338.6	350.1	366.7
Netherlands	223	166	4.5	19.1	13.3	25.7	21.4	37.4	1.8	502.7	510.8	512.3	522.7	516.1	521.1	511.7
New Zealand	461	425	2.2	15.3	28.0	45.3	2.5	9.2	5.9	501.6	509.3	502.8	511.8	494.2	477.4	510.5
Northern Ireland	154	128	0.9	9.2	27.0	38.4	17.4	24.5	1.8	562.2	518.7	515.7	526.1	514.8	515.6	540.6
Norway	227	177	0.2	10.0	36.5	19.5	16.9	33.8	4.6	530.3	536.9	540.0	540.0	532.2	537.6	535.5
Oman	357	339	2.3	6.9	4.6	0.0	0.6	86.2	3.9	393.2	426.1	427.1	.	399.2	432.0	447.5
Poland	254	244	3.6	8.5	24.2	6.2	0.0	57.6	3.7	550.9	548.7	542.5	550.1	.	547.4	562.4
Portugal	322	302	0.5	4.8	12.2	5.2	5.1	77.3	1.3	519.0	509.5	504.2	508.7	502.5	508.9	505.0
Qatar	227	211	8.6	12.5	16.1	4.3	0.0	58.5	7.0	395.6	431.5	431.6	491.2	.	443.7	411.0
Russian Federation	217	217	5.1	25.2	28.6	7.4	0.0	33.8	0.0	556.2	566.9	567.6	588.6	.	564.0	.
Saudi Arabia	189	168	5.2	13.4	13.7	1.9	0.5	65.8	9.8	370.5	414.0	421.6	376.7	351.8	384.2	372.8
Serbia	192	185	1.2	4.9	12.2	1.4	0.0	80.3	3.6	553.2	522.3	525.5	510.3	.	523.8	535.7
Singapore	358	351	2.9	13.6	19.8	12.4	1.5	51.3	0.7	635.3	577.5	596.0	600.5	598.2	587.4	534.6
Slovak Republic	328	324	1.7	9.5	21.7	2.6	1.1	64.6	0.3	538.9	519.5	526.6	541.4	549.3	516.8	519.9
Slovenia	256	238	0.0	2.5	12.7	6.7	5.4	78.1	0.8	.	540.6	535.2	535.8	533.3	545.2	530.5
Spain	393	360	1.6	10.2	15.1	12.4	4.9	60.6	2.4	540.5	531.3	506.1	509.5	523.3	520.9	491.1
Sweden	212	202	0.3	7.1	17.0	48.5	4.0	27.1	0.5	493.4	543.2	555.8	540.2	533.0	531.2	545.5
Turkey	251	245	10.2	17.7	2.9	0.9	0.0	68.3	2.2	509.3	502.9	498.5	497.2	.	473.1	500.3
United Arab Emirates	840	687	3.8	14.0	10.7	4.4	8.9	67.1	5.1	475.4	486.9	484.0	458.4	414.6	442.5	449.8
United States	492	420	2.4	12.5	15.5	16.6	12.7	53.0	2.6	520.1	538.9	554.3	549.3	547.0	543.2	575.2
International Avg (n=47)	13512	12397	2.4	10.5	18.4	14.2	4.3	54.5	3.0	512.8	512.7	509.7	509.7	497.4	504.2	492.3
Buenos Aires, Argentina	291	118	3.7	23.5	25.0	5.6	53.9	42.1	4.6	416.7	401.7	403.0	384.7	416.8	447.7	401.3
Ontario, Canada	275	234	0.3	13.7	28.1	19.1	7.2	38.8	7.0	514.8	529.3	533.6	541.3	516.1	524.5	538.5
Quebec, Canada	151	138	0.3	9.8	24.6	20.5	5.9	44.8	3.2	528.5	515.6	526.8	524.1	533.6	522.7	540.6
Norway (4)	223	182	0.8	8.5	31.3	19.6	12.4	39.7	4.0	473.2	482.6	499.9	498.6	491.7	487.6	495.1
Abu Dhabi, UAE	212	174	1.2	11.7	9.8	6.2	10.1	71.0	3.1	357.6	421.8	419.6	390.7	399.5	417.3	437.0
Dubai, UAE	290	242	6.4	23.5	15.7	6.6	8.1	47.8	4.4	499.0	537.8	568.8	546.1	442.3	506.1	504.5
Florida, US	120	91	8.8	13.2	14.8	19.2	20.6	44.0	2.5	582.8	557.2	544.1	563.0	542.1	539.8	528.7



Question: How often do you have the students do the following activities on computers during science lessons? Look up ideas and information  
Location: TQS-04Cb (ATBS04CB)

Country	Sample	Valid N	1.Ever y or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Ever y or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	419	4.9	26.9	28.1	3.0	8.8	37.1	2.6	529.7	522.6	533.1	532.8	499.5	523.8	502.1
Bahrain	345	331	4.0	17.1	12.9	2.7	2.5	63.4	1.8	453.4	489.3	450.9	454.4	427.2	454.1	454.4
Belgium (Flemish)	295	281	3.7	20.5	51.3	2.5	1.2	22.1	3.7	504.9	510.7	515.7	489.1	500.5	504.8	523.1
Bulgaria	233	224	0.4	4.2	25.9	0.0	0.0	69.4	4.1	613.4	562.2	532.4	.	.	533.5	558.6
Canada	699	619	3.4	26.6	29.2	3.9	6.4	36.8	4.5	514.1	521.9	525.8	530.4	523.5	524.8	539.1
Chile	180	155	5.1	12.7	25.5	5.5	6.9	51.3	4.5	484.9	467.2	486.9	510.5	473.8	472.9	470.2
Chinese Taipei	178	172	2.7	15.1	18.2	10.4	0.0	53.7	3.8	573.3	553.8	562.0	549.9	.	553.6	555.3
Croatia	223	220	1.1	5.6	3.3	0.4	1.5	89.6	0.0	524.4	550.4	521.1	517.8	531.0	533.0	.
Cyprus	242	238	0.3	8.3	37.5	5.0	1.1	48.9	0.4	514.8	487.9	481.5	495.1	494.5	478.4	440.6
Czech Republic	265	263	1.3	7.1	22.0	4.7	0.8	65.0	0.0	547.1	542.3	532.1	534.5	542.1	533.9	.
Denmark	196	165	4.5	24.7	52.3	8.7	12.8	9.7	1.0	520.8	526.4	526.7	535.3	528.1	526.9	505.9
England	214	175	0.3	25.1	44.0	1.7	15.0	29.0	0.7	450.0	523.2	543.1	557.2	522.3	543.3	543.2
Finland	341	326	1.8	14.0	45.3	2.9	4.3	35.9	0.1	544.4	554.1	554.6	548.1	557.1	553.4	505.7
France	273	256	0.0	2.9	17.8	12.0	5.7	67.3	1.1	.	479.7	501.1	490.0	472.7	484.8	495.7
Georgia	188	184	9.5	41.4	29.6	1.6	0.7	17.9	2.4	443.8	450.7	450.9	436.3	438.4	459.2	449.5
Germany	226	195	0.6	12.0	34.1	6.7	10.8	46.6	2.2	515.8	536.2	533.7	508.7	534.0	526.8	479.9
Hong Kong SAR	148	136	0.3	12.3	24.0	10.0	1.1	53.3	6.3	582.8	565.3	566.0	564.7	549.3	548.9	555.5
Hungary	244	237	1.1	8.3	17.5	6.6	1.1	66.6	1.6	501.5	531.2	541.2	498.2	588.9	548.4	516.4
Indonesia	293	284	0.4	1.3	2.5	2.2	0.5	93.7	2.9	511.3	430.4	470.6	354.1	369.7	396.5	348.0
Iran, Islamic Rep. of	291	273	2.6	7.1	12.8	3.9	0.0	73.7	6.3	464.0	449.5	443.9	449.3	.	412.9	403.8
Ireland	214	210	0.6	9.1	26.5	5.2	0.0	58.5	1.8	530.2	532.2	529.7	543.3	.	526.9	521.6
Italy	257	240	7.5	20.5	12.6	2.8	3.9	56.5	2.6	527.9	520.5	529.9	490.3	517.3	512.7	497.3
Japan	157	149	0.0	1.1	27.6	36.2	0.3	35.1	4.2	.	549.3	566.3	569.0	545.1	571.6	572.0
Kazakhstan	239	225	11.7	27.2	9.5	0.2	0.5	51.4	6.6	565.8	563.3	536.8	564.3	529.8	543.0	535.3
Korea, Rep. of	182	181	0.0	7.3	11.2	3.3	0.6	78.2	0.0	.	583.0	587.6	609.7	594.1	589.3	.
Kuwait	294	263	13.7	10.8	9.1	2.3	7.9	64.2	5.0	359.2	315.5	319.7	296.0	322.9	341.9	339.4
Lithuania	291	285	4.9	16.5	19.2	0.4	1.1	58.9	0.0	508.2	527.3	528.2	505.7	492.7	530.1	374.7
Morocco	367	315	0.0	3.8	4.4	2.0	6.0	89.8	7.2	.	406.6	350.9	334.3	338.6	350.1	366.7
Netherlands	223	167	3.3	25.0	26.6	7.7	21.4	37.4	1.6	498.8	509.8	516.7	535.8	516.1	521.1	513.8
New Zealand	461	429	14.2	42.1	30.6	4.1	2.5	9.1	4.9	514.3	508.6	505.5	509.4	494.2	477.4	508.9
Northern Ireland	154	128	1.4	36.1	31.4	6.6	17.4	24.5	1.8	538.7	524.4	520.6	510.7	514.8	515.6	540.6
Norway	227	178	0.7	15.7	42.5	7.5	16.9	33.6	4.2	542.2	542.3	540.1	531.9	532.2	537.6	533.1
Oman	357	339	2.7	5.7	5.3	0.0	0.6	86.2	3.9	429.1	398.7	441.0	.	399.2	432.0	447.5
Poland	254	244	3.7	8.2	22.7	7.9	0.0	57.6	3.7	559.7	550.7	540.2	548.9	.	547.4	562.4
Portugal	322	304	2.2	9.5	10.5	0.5	5.1	77.2	1.2	515.1	502.6	506.9	533.8	502.5	508.9	506.7
Qatar	227	212	8.8	17.0	15.6	0.3	0.0	58.3	6.7	426.0	419.4	443.9	395.1	.	443.7	413.0
Russian Federation	217	217	12.2	25.8	24.2	4.0	0.0	33.8	0.0	575.4	561.1	573.6	569.2	.	564.0	.
Saudi Arabia	189	169	8.4	17.0	8.4	0.8	0.5	65.3	9.2	412.7	407.8	413.0	348.1	351.8	384.2	369.0
Serbia	192	186	3.0	5.3	9.4	2.5	0.0	79.8	2.9	543.7	530.8	515.1	531.0	.	523.8	537.5
Singapore	358	351	3.4	14.7	24.4	6.1	1.5	51.3	0.7	655.8	582.3	590.9	601.8	598.2	587.4	534.6
Slovak Republic	328	324	3.8	18.8	12.9	0.0	1.1	64.6	0.3	547.7	521.9	526.5	.	549.3	516.8	519.9
Slovenia	256	239	1.5	7.8	10.7	2.0	5.4	78.0	0.7	542.3	543.4	528.2	545.6	533.3	545.2	524.3
Spain	393	363	4.8	10.8	20.3	3.8	4.9	60.3	1.9	531.7	516.4	510.8	513.2	523.3	520.9	486.6
Sweden	212	202	2.5	16.5	42.5	11.4	4.0	27.1	0.5	533.3	558.6	541.4	534.8	533.0	531.2	545.5
Turkey	251	245	10.0	19.0	2.7	0.0	0.0	68.3	2.2	517.4	499.4	491.1	.	.	473.1	500.3
United Arab Emirates	840	690	10.3	14.3	8.0	0.8	8.9	66.6	4.5	507.0	476.3	478.3	321.5	414.6	442.5	435.5
United States	492	420	4.8	16.5	18.7	6.8	12.7	53.0	2.6	523.0	546.2	553.6	545.7	547.0	543.2	575.2
International Avg (n=47)	13512	12428	4.0	15.2	21.7	4.7	4.3	54.4	2.8	516.3	509.6	509.8	501.1	497.4	504.2	490.9
Buenos Aires, Argentina	291	117	7.0	30.7	19.4	0.5	53.9	42.3	4.9	416.2	387.9	418.9	369.3	416.8	447.7	401.2
Ontario, Canada	275	234	1.2	32.1	25.3	2.6	7.2	38.8	7.0	539.9	532.3	537.5	541.5	516.1	524.5	538.5
Quebec, Canada	151	138	3.9	15.0	29.4	6.9	5.9	44.8	3.2	538.9	518.3	520.6	541.2	533.6	522.7	540.6
Norway (4)	223	183	1.7	15.1	33.4	10.3	12.4	39.5	3.5	485.9	501.7	496.6	491.6	491.7	487.6	494.6
Abu Dhabi, UAE	212	176	2.9	15.8	9.2	1.8	10.1	70.4	2.3	392.5	421.3	427.6	299.7	399.5	417.3	430.5
Dubai, UAE	290	243	20.9	21.6	10.2	0.1	8.1	47.2	3.2	542.1	541.9	564.2	460.7	442.3	506.1	451.2
Florida, US	120	91	12.2	18.1	22.4	3.2	20.6	44.0	2.5	563.6	565.2	553.5	557.1	542.1	539.8	528.7

Question: How often do you have the students do the following activities on computers during science lessons? Do scientific procedures or experiments  
 Location: TQS-04Cc (ATBS04CC)

Country	Sample	Valid N	1.Ever y or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Ever y or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	419	1.1	9.9	25.8	26.2	8.8	37.1	2.6	527.9	535.7	525.6	528.3	499.5	523.8	502.1
Bahrain	345	329	2.7	14.2	12.4	7.0	2.5	63.7	2.2	477.5	466.3	459.8	487.7	427.2	454.1	462.3
Belgium (Flemish)	295	279	0.0	1.5	16.5	59.8	1.2	22.2	4.1	.	514.9	504.0	515.6	500.5	504.8	520.6
Bulgaria	233	220	0.0	0.0	13.4	16.2	0.0	70.3	5.4	.	.	543.1	529.9	.	533.5	562.8
Canada	699	619	0.8	11.0	24.3	27.2	6.4	36.8	4.5	513.7	515.8	526.5	524.9	523.5	524.8	539.1
Chile	180	155	1.8	4.0	23.9	19.0	6.9	51.3	4.5	459.7	476.6	483.8	488.6	473.8	472.9	470.2
Chinese Taipei	178	172	4.1	14.2	13.1	14.9	0.0	53.7	3.8	562.4	552.7	564.5	553.9	.	553.6	555.3
Croatia	223	220	0.0	1.1	6.2	3.1	1.5	89.6	0.0	.	562.1	540.7	522.0	531.0	533.0	.
Cyprus	242	238	0.3	3.1	28.8	18.9	1.1	48.9	0.4	468.3	487.5	482.1	486.8	494.5	478.4	440.6
Czech Republic	265	263	0.0	1.9	16.0	17.1	0.8	65.0	0.0	.	540.5	537.4	532.3	542.1	533.9	.
Denmark	196	165	1.6	6.1	30.5	52.1	12.8	9.7	1.0	488.1	521.5	525.4	530.0	528.1	526.9	505.9
England	214	174	0.0	9.9	32.4	28.6	15.0	29.1	1.1	.	527.0	533.2	543.3	522.3	543.3	519.5
Finland	341	326	0.7	2.9	21.5	38.9	4.3	35.9	0.1	539.0	550.3	552.5	555.3	557.1	553.4	505.7
France	273	256	0.0	2.3	5.2	25.2	5.7	67.3	1.1	.	493.3	482.5	497.9	472.7	484.8	495.7
Georgia	188	181	0.2	11.6	49.8	20.1	0.7	18.2	3.9	460.9	467.7	449.5	439.6	438.4	459.2	449.3
Germany	226	194	0.0	1.7	8.7	42.8	10.8	46.8	2.7	.	517.1	538.1	530.1	534.0	526.8	488.5
Hong Kong SAR	148	136	0.3	5.3	27.4	13.6	1.1	53.3	6.3	582.8	558.5	566.1	567.1	549.3	548.9	555.5
Hungary	244	237	0.0	1.9	17.5	14.1	1.1	66.6	1.6	.	508.1	531.9	527.9	588.9	548.4	516.4
Indonesia	293	284	0.2	1.5	2.0	2.6	0.5	93.7	2.9	531.6	452.8	473.1	365.8	369.7	396.5	348.0
Iran, Islamic Rep. of	291	272	2.6	9.6	8.9	4.6	0.0	74.3	7.0	456.7	462.2	440.1	433.0	.	412.9	406.4
Ireland	214	210	0.0	2.3	12.1	27.2	0.0	58.5	1.8	.	518.7	530.7	533.7	.	526.9	521.6
Italy	257	240	2.4	13.4	17.5	10.1	3.9	56.5	2.5	524.8	522.7	516.9	530.1	517.3	512.7	502.2
Japan	157	149	0.0	0.8	11.3	52.9	0.3	35.1	4.2	.	577.8	567.3	567.4	545.1	571.6	572.0
Kazakhstan	239	225	1.7	21.3	25.3	0.3	0.5	51.4	6.6	520.9	561.2	554.9	610.7	529.8	543.0	548.8
Korea, Rep. of	182	181	1.8	5.1	11.0	4.0	0.6	78.2	0.0	563.4	577.8	595.9	598.1	594.1	589.3	.
Kuwait	294	263	6.9	18.9	5.3	4.7	7.9	64.2	5.0	325.3	346.0	297.6	325.0	322.9	341.9	339.4
Lithuania	291	285	0.5	6.8	18.9	14.9	1.1	58.9	0.0	476.4	517.8	527.6	527.2	492.7	530.1	374.7
Morocco	367	315	0.4	2.7	3.8	3.3	6.0	89.8	7.2	361.3	397.5	367.7	345.0	338.6	350.1	366.7
Netherlands	223	167	0.0	5.5	16.7	40.4	21.4	37.4	1.6	.	508.1	514.6	516.6	516.1	521.1	513.8
New Zealand	461	429	3.1	11.6	37.0	39.2	2.5	9.1	4.9	514.7	515.5	502.3	511.8	494.2	477.4	508.9
Northern Ireland	154	128	0.0	3.8	18.7	52.9	17.4	24.5	1.8	.	507.5	523.9	522.2	514.8	515.6	540.6
Norway	227	178	0.2	4.4	37.1	24.6	16.9	33.6	4.2	530.3	554.2	539.6	537.3	532.2	537.6	533.1
Oman	357	339	2.0	4.5	6.1	1.2	0.6	86.2	3.9	416.7	407.2	421.1	478.2	399.2	432.0	447.5
Poland	254	244	2.5	6.3	20.5	13.0	0.0	57.6	3.7	562.3	543.0	543.3	547.0	.	547.4	562.4
Portugal	322	302	0.5	4.8	7.2	9.8	5.1	77.7	1.8	519.0	507.8	507.9	504.6	502.5	508.9	505.5
Qatar	227	211	8.0	13.9	11.4	8.2	0.0	58.5	7.0	400.1	429.5	417.4	479.2	.	443.7	411.0
Russian Federation	217	217	1.2	10.8	32.7	21.5	0.0	33.8	0.0	550.9	564.3	569.6	570.9	.	564.0	.
Saudi Arabia	189	169	6.9	13.2	11.0	3.6	0.5	65.3	9.2	417.5	408.6	410.5	387.6	351.8	384.2	369.0
Serbia	192	185	0.9	3.2	4.7	10.8	0.0	80.3	3.6	527.3	538.0	521.6	523.1	.	523.8	535.7
Singapore	358	351	3.2	13.9	17.8	13.8	1.5	51.3	0.7	653.1	591.2	583.4	597.8	598.2	587.4	534.6
Slovak Republic	328	324	0.9	2.4	18.6	13.5	1.1	64.6	0.3	548.1	536.3	518.6	533.8	549.3	516.8	519.9
Slovenia	256	239	0.0	1.7	9.0	11.2	5.4	78.0	0.7	.	528.4	532.5	540.3	533.3	545.2	524.3
Spain	393	362	0.0	3.4	15.7	20.6	4.9	60.3	1.9	.	529.0	512.3	514.6	523.3	520.9	488.7
Sweden	212	202	0.9	3.4	17.6	51.0	4.0	27.1	0.5	508.4	554.9	544.8	543.6	533.0	531.2	545.5
Turkey	251	245	5.7	16.0	8.9	1.1	0.0	68.3	2.2	514.0	510.1	486.2	519.1	.	473.1	500.3
United Arab Emirates	840	690	3.6	13.2	10.2	6.3	8.9	66.7	4.6	489.2	489.6	483.7	468.1	414.6	442.5	428.3
United States	492	420	1.4	7.7	19.2	18.6	12.7	53.0	2.6	506.5	540.6	549.3	549.5	547.0	543.2	575.2
International Avg (n=47)	13512	12409	1.5	7.0	17.2	19.8	4.3	54.5	2.9	500.0	510.7	508.5	511.5	497.4	504.2	491.0
Buenos Aires, Argentina	291	117	0.1	16.2	21.6	19.8	53.9	42.3	4.9	491.0	408.0	407.3	389.8	416.8	447.7	401.2
Ontario, Canada	275	234	0.0	10.5	24.6	26.1	7.2	38.8	7.0	.	524.4	534.7	539.6	516.1	524.5	538.5
Quebec, Canada	151	138	1.5	9.8	15.4	28.6	5.9	44.8	3.2	519.4	517.6	523.9	526.2	533.6	522.7	540.6
Norway (4)	223	183	0.0	2.9	20.0	37.6	12.4	39.5	3.5	.	491.8	498.4	496.2	491.7	487.6	494.6
Abu Dhabi, UAE	212	175	0.4	11.2	9.7	7.8	10.1	70.9	3.0	327.3	436.2	423.7	374.7	399.5	417.3	419.1
Dubai, UAE	290	246	5.5	25.8	12.8	9.2	8.1	46.7	2.3	517.7	537.3	553.4	573.0	442.3	506.1	430.5
Florida, US	120	91	3.6	18.0	18.4	16.0	20.6	44.0	2.5	571.4	567.0	553.3	556.3	542.1	539.8	528.7

Question: How often do you have the students do the following activities on computers during science lessons? Study natural phenomena through simulations  
 Location: TQS-04CD (ATBS04CD)

Country	Sample	Valid N	1.Ever y or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Neve r or almost never %	Not Admini stered %	Not Applic able %	Omitte d %	1.Ever y or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Neve r or almost never Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	419	0.6	8.5	36.3	17.4	8.8	37.1	2.6	530.8	534.9	530.5	520.4	499.5	523.8	502.1
Bahrain	345	330	3.9	11.3	14.1	7.0	2.5	63.8	2.3	466.7	473.4	452.0	495.5	427.2	454.1	469.2
Belgium (Flemish)	295	282	1.1	3.0	24.7	49.3	1.2	21.9	2.6	553.6	500.9	507.5	516.5	500.5	504.8	510.8
Bulgaria	233	221	0.0	0.0	15.9	13.9	0.0	70.2	5.1	.	.	543.2	528.0	.	533.5	562.7
Canada	699	619	0.2	12.0	28.2	22.8	6.4	36.8	4.5	553.8	516.1	520.4	531.7	523.5	524.8	539.1
Chile	180	155	3.8	2.2	28.0	14.7	6.9	51.3	4.5	477.4	449.2	484.5	490.8	473.8	472.9	470.2
Chinese Taipei	178	172	2.8	13.2	14.8	15.6	0.0	53.7	3.8	576.6	557.1	555.2	556.0	.	553.6	555.3
Croatia	223	219	0.0	1.4	4.9	3.7	1.5	90.0	0.4	.	552.8	535.1	536.5	531.0	533.0	517.8
Cyprus	242	238	0.5	9.3	36.6	4.7	1.1	48.9	0.4	479.4	490.8	485.5	460.4	494.5	478.4	440.6
Czech Republic	265	263	0.0	3.6	16.2	15.2	0.8	65.0	0.0	.	544.4	538.6	529.0	542.1	533.9	.
Denmark	196	165	1.6	5.5	41.6	41.6	12.8	9.7	1.0	488.1	534.9	524.5	530.3	528.1	526.9	505.9
England	214	175	0.8	9.5	44.0	16.7	15.0	29.0	0.7	520.1	539.7	536.0	535.0	522.3	543.3	543.2
Finland	341	326	0.7	2.3	18.9	42.1	4.3	35.9	0.1	539.0	562.1	551.8	554.7	557.1	553.4	505.7
France	273	256	0.0	1.3	13.9	17.5	5.7	67.3	1.1	.	505.0	493.3	495.9	472.7	484.8	495.7
Georgia	188	183	2.8	22.5	49.0	7.6	0.7	18.1	3.2	415.8	441.6	456.3	439.3	438.4	459.2	459.6
Germany	226	194	0.0	2.2	11.4	39.5	10.8	46.9	2.8	.	535.3	536.9	529.1	534.0	526.8	487.7
Hong Kong SAR	148	136	0.3	5.9	21.0	19.5	1.1	53.3	6.3	582.8	573.6	555.5	573.9	549.3	548.9	555.5
Hungary	244	237	0.4	2.9	16.2	13.9	1.1	66.6	1.6	557.2	514.4	529.8	530.0	588.9	548.4	516.4
Indonesia	293	284	0.2	1.8	1.9	2.6	0.5	93.5	2.7	531.6	400.6	440.6	378.4	369.7	396.5	385.2
Iran, Islamic Rep. of	291	273	4.1	5.4	10.5	5.9	0.0	74.1	6.8	436.4	456.1	458.4	433.5	.	412.9	405.2
Ireland	214	210	0.0	1.5	20.6	19.4	0.0	58.5	1.8	.	508.6	531.0	534.9	.	526.9	521.6
Italy	257	239	2.6	16.0	15.2	9.5	3.9	56.8	3.0	535.3	519.4	524.2	521.2	517.3	512.7	502.1
Japan	157	149	0.0	3.0	32.1	29.9	0.3	35.1	4.2	.	564.1	568.8	566.5	545.1	571.6	572.0
Kazakhstan	239	226	7.4	20.3	17.9	3.3	0.5	51.1	6.1	526.8	570.8	558.2	535.1	529.8	543.0	545.7
Korea, Rep. of	182	181	2.0	5.6	8.3	5.9	0.6	78.2	0.0	574.0	575.9	592.5	602.9	594.1	589.3	.
Kuwait	294	263	7.0	16.6	8.5	3.6	7.9	64.2	5.0	315.6	351.5	295.4	361.0	322.9	341.9	339.4
Lithuania	291	284	0.0	3.1	15.1	22.9	1.1	58.9	0.1	.	529.4	526.1	524.2	492.7	530.1	456.3
Morocco	367	315	0.6	2.4	5.3	1.9	6.0	89.8	7.2	473.9	369.9	364.9	339.5	338.6	350.1	366.7
Netherlands	223	167	0.0	2.8	17.7	42.2	21.4	37.4	1.6	.	525.6	514.3	515.1	516.1	521.1	513.8
New Zealand	461	429	1.0	14.7	39.3	35.9	2.5	9.1	4.9	507.8	512.4	508.1	507.3	494.2	477.4	508.9
Northern Ireland	154	128	0.0	11.4	27.7	36.4	17.4	24.5	1.8	.	510.6	518.5	528.0	514.8	515.6	540.6
Norway	227	178	0.0	3.9	31.8	30.7	16.9	33.6	4.2	.	537.1	540.3	539.3	532.2	537.6	533.1
Oman	357	339	2.7	5.6	4.0	1.5	0.6	86.2	3.9	439.7	398.4	432.7	442.2	399.2	432.0	447.5
Poland	254	246	1.8	7.4	21.6	12.1	0.0	57.1	2.9	566.2	552.0	542.9	546.0	.	547.4	555.9
Portugal	322	301	1.0	4.5	7.7	8.8	5.1	78.1	2.2	495.1	508.9	500.7	511.4	502.5	508.9	508.2
Qatar	227	211	4.8	12.3	16.1	8.3	0.0	58.5	7.0	413.3	407.3	439.8	455.8	.	443.7	411.0
Russian Federation	217	217	2.1	8.8	28.3	27.0	0.0	33.8	0.0	548.2	565.9	572.3	567.7	.	564.0	.
Saudi Arabia	189	170	6.7	15.9	10.2	2.2	0.5	65.1	8.8	388.6	415.1	415.4	379.0	351.8	384.2	370.8
Serbia	192	185	0.3	1.8	5.7	11.8	0.0	80.3	3.6	516.9	534.9	533.8	520.1	.	523.8	535.7
Singapore	358	351	2.1	9.2	19.8	17.5	1.5	51.3	0.7	636.9	586.3	588.8	599.6	598.2	587.4	534.6
Slovak Republic	328	324	0.9	4.5	20.4	9.6	1.1	64.6	0.3	548.1	522.0	521.2	537.3	549.3	516.8	519.9
Slovenia	256	239	0.0	1.6	15.3	5.1	5.4	78.0	0.7	.	556.1	537.1	526.8	533.3	545.2	524.3
Spain	393	363	0.2	3.5	16.9	19.0	4.9	60.3	1.9	552.8	518.7	522.8	507.1	523.3	520.9	486.6
Sweden	212	202	0.0	6.6	22.9	43.4	4.0	27.1	0.5	.	546.8	542.9	544.1	533.0	531.2	545.5
Turkey	251	245	4.0	12.7	8.3	6.8	0.0	68.2	2.1	520.2	509.5	497.5	498.2	.	473.1	486.8
United Arab Emirates	840	690	2.6	13.8	11.9	5.1	8.9	66.6	4.6	486.8	501.6	473.8	455.3	414.6	442.5	429.2
United States	492	419	1.4	7.6	18.4	19.5	12.7	53.2	2.8	493.6	538.4	554.6	547.4	547.0	543.2	567.3
International Avg (n=47)	13512	12418	1.6	7.2	19.5	17.2	4.3	54.4	2.9	507.3	509.1	509.7	508.0	497.4	504.2	494.3
Buenos Aires, Argentina	291	117	0.6	17.0	20.5	19.5	53.9	42.3	4.9	362.4	398.4	411.4	395.4	416.8	447.7	401.2
Ontario, Canada	275	234	0.0	14.1	28.8	18.4	7.2	38.8	7.0	.	526.7	531.8	546.2	516.1	524.5	538.5
Quebec, Canada	151	138	0.6	7.2	15.3	32.1	5.9	44.8	3.2	532.8	513.1	524.7	525.7	533.6	522.7	540.6
Norway (4)	223	183	0.0	4.5	23.7	32.3	12.4	39.5	3.5	.	492.1	496.3	497.7	491.7	487.6	494.6
Abu Dhabi, UAE	212	175	0.4	11.5	10.2	7.0	10.1	70.9	3.0	327.3	440.1	405.4	389.0	399.5	417.3	419.1
Dubai, UAE	290	246	4.0	24.9	17.3	7.0	8.1	46.7	2.3	499.3	546.2	554.9	544.6	442.3	506.1	430.5
Florida, US	120	91	4.1	19.9	17.7	14.3	20.6	44.0	2.5	579.0	561.5	564.4	546.0	542.1	539.8	528.7

Question: When students in this class have been taught each of the following science topics. Life Science: Characteristics of living things and the major groups of living things  
 Location: TQS-05Aa (ATBS05AA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean	
Australia	484	412	55.4	38.2	6.5	8.8	0.0	4.4	529.6	519.3	532.2	499.5	.	528.6	
Bahrain	345	332	38.9	58.5	2.7	2.5	0.0	2.0	467.3	454.7	446.6	427.2	.	470.3	
Belgium (Flemish)	295	284	21.1	43.8	35.2	1.2	0.0	1.6	502.6	512.3	517.1	500.5	.	491.7	
Bulgaria	233	231	46.0	54.0	0.0	0.0	0.0	0.4	530.6	539.4	.	.	.	614.2	
Canada	699	624	50.5	33.0	16.5	6.4	0.0	4.1	522.1	527.7	523.0	523.5	.	540.9	
Chile	180	158	78.2	17.9	3.9	6.9	0.0	3.2	479.0	488.0	438.8	473.8	.	448.7	
Chinese Taipei	178	178	31.9	60.4	7.7	0.0	0.0	0.0	558.5	554.0	551.9	.	.	.	
Croatia	223	220	13.0	58.7	28.2	1.5	0.0	0.0	528.0	532.0	539.0	531.0	.	.	
Cyprus	242	234	33.6	49.1	17.2	1.1	0.0	2.0	486.4	478.7	478.1	494.5	.	478.6	
Czech Republic	265	262	38.8	56.3	5.0	0.8	0.0	0.2	536.5	533.5	527.6	542.1	.	500.8	
Denmark	196	160	41.7	35.2	23.1	12.8	0.0	3.6	529.4	523.4	530.6	528.1	.	510.7	
England	214	175	41.8	41.3	16.8	15.0	0.0	0.7	545.7	526.9	547.3	522.3	.	543.2	
Finland	341	324	71.5	20.4	8.1	4.3	0.0	0.4	555.6	548.9	549.3	557.1	.	537.5	
France	273	251	48.9	37.5	13.6	5.7	0.0	2.5	491.2	485.7	485.1	472.7	.	487.1	
Georgia	188	183	24.3	68.3	7.3	0.7	0.0	1.6	446.9	454.7	439.0	438.4	.	434.1	
Germany	226	193	64.9	16.9	18.2	10.8	0.0	3.5	528.5	517.4	540.1	534.0	.	504.7	
Hong Kong SAR	148	141	62.1	19.0	18.9	1.1	0.0	3.2	558.5	553.7	549.1	549.3	.	581.9	
Hungary	244	237	81.5	16.6	1.9	1.1	0.0	1.6	539.3	553.7	550.6	588.9	.	516.4	
Indonesia	293	292	38.9	50.7	10.4	0.0	0.0	0.1	385.0	403.0	409.8	.	.	363.8	
Iran, Islamic Rep. of	291	288	57.0	41.4	1.6	0.0	0.0	0.5	428.6	409.0	433.4	.	.	506.4	
Ireland	214	211	49.5	43.6	6.9	0.0	0.0	1.4	532.8	523.6	531.4	.	.	543.9	
Italy	257	241	24.0	67.8	8.3	3.9	0.0	2.4	514.6	520.0	503.2	517.3	.	481.8	
Japan	157	153	21.4	23.0	55.6	0.3	0.0	1.5	573.0	567.8	568.6	545.1	.	552.4	
Kazakhstan	239	218	79.7	16.2	4.0	0.5	0.0	7.6	553.7	549.0	518.1	529.8	.	527.5	
Korea, Rep. of	182	181	23.1	51.0	25.9	0.6	0.0	0.0	588.3	588.9	590.8	594.1	.	.	
Kuwait	294	269	50.4	39.8	9.7	7.9	0.0	3.1	334.9	346.0	332.3	322.9	.	320.6	
Lithuania	291	284	49.7	46.3	3.9	1.1	0.0	0.1	529.3	529.9	493.5	492.7	.	386.4	
Morocco	367	314	19.2	78.4	2.4	6.0	0.0	7.7	338.8	354.3	323.6	338.6	.	381.0	
Netherlands	223	164	28.3	46.2	25.6	21.4	0.0	2.4	523.6	516.1	511.5	516.1	.	529.7	
New Zealand	461	421	56.5	29.3	14.1	2.5	0.0	6.4	511.1	507.6	474.9	494.2	.	518.4	
Northern Ireland	154	131	49.3	32.5	18.2	17.4	0.0	0.0	521.2	519.6	522.0	514.8	.	.	
Norway	227	174	42.2	41.7	16.1	16.9	0.0	6.7	539.1	538.9	538.4	532.2	.	536.2	
Oman	357	337	91.2	7.3	1.5	0.6	0.0	5.8	434.1	408.7	382.2	399.2	.	425.1	
Poland	254	239	4.8	16.1	79.1	0.0	0.0	5.8	549.7	542.7	549.1	.	.	532.0	
Portugal	322	305	96.5	2.9	0.5	5.1	0.0	0.5	508.6	504.2	506.8	502.5	.	492.5	
Qatar	227	213	43.0	52.4	4.5	0.0	0.0	6.6	434.9	436.1	470.3	.	.	423.5	
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	179	49.3	47.7	3.1	1.0	0.0	4.0	391.6	385.8	451.1	386.8	.	383.5	
Serbia	192	189	41.0	42.8	16.2	0.0	0.0	1.5	519.3	528.3	524.5	.	.	558.3	
Singapore	358	351	93.9	6.1	0.0	1.5	0.0	0.7	592.8	559.6	.	598.2	.	534.6	
Slovak Republic	328	323	47.5	50.7	1.9	1.1	0.0	0.8	517.0	522.7	526.0	549.3	.	537.7	
Slovenia	256	240	6.7	53.5	39.7	5.4	0.0	0.4	551.4	544.3	540.2	533.3	.	524.4	
Spain	393	358	69.4	30.1	0.6	4.1	0.0	3.0	517.4	520.4	503.1	519.3	.	515.6	
Sweden	212	197	38.5	38.6	22.9	3.4	0.0	3.6	540.4	545.8	531.9	532.4	.	538.3	
Turkey	251	247	14.1	27.3	58.5	0.0	0.0	1.4	473.1	488.5	483.1	.	.	500.6	
United Arab Emirates	840	707	60.9	33.0	6.1	8.9	0.0	3.2	449.0	463.0	449.0	414.6	.	486.4	
United States	492	414	52.2	36.2	11.6	12.7	0.0	3.6	551.4	535.6	544.1	547.0	.	567.5	
International Avg (n=46)	13512	12239	46.6	38.6	14.8	4.4	0.0	2.5	505.2	503.6	499.1	501.7	.	496.6	
Buenos Aires, Argentina	291	120	34.7	62.2	3.1	53.9	0.0	4.3	416.3	420.6	443.6	416.8	.	411.6	
Ontario, Canada	275	237	52.5	31.5	16.0	7.2	0.0	6.3	530.3	529.3	534.5	516.1	.	542.7	
Quebec, Canada	151	137	36.6	49.1	14.3	5.9	0.0	3.6	523.4	525.7	515.7	533.6	.	537.0	
Norway (4)	223	179	47.8	31.9	20.3	12.4	0.0	5.1	495.8	490.9	489.3	491.7	.	497.6	
Abu Dhabi, UAE	212	181	55.4	41.8	2.7	10.1	0.0	0.1	407.7	428.5	409.6	399.5	.	378.8	
Dubai, UAE	290	236	58.9	32.4	8.7	8.1	0.0	7.7	519.0	540.3	508.0	442.3	.	521.0	
Florida, US	120	90	45.4	42.5	12.1	20.6	0.0	2.9	557.0	544.9	549.7	542.1	.	531.0	

Question: When students in this class have been taught each of the following science topics. Life Science: Major body structures and their functions  
 in humans, other animals, and plants  
 Location: TQS-05Ab (ATBS05AB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	412	33.9	25.5	40.6	8.8	0.0	4.7	527.2	527.4	523.8	499.5	.	527.6
Bahrain	345	332	19.1	40.7	40.2	2.5	0.0	1.9	463.8	450.3	466.3	427.2	.	475.2
Belgium (Flemish)	295	284	13.0	42.0	45.0	1.2	0.0	1.7	509.6	512.4	511.9	500.5	.	503.5
Bulgaria	233	230	48.6	46.4	5.0	0.0	0.0	0.8	531.4	541.1	519.9	.	.	586.2
Canada	699	620	23.1	22.9	54.0	6.5	0.0	4.6	527.4	522.9	524.2	523.8	.	528.9
Chile	180	157	26.4	72.2	1.5	6.9	0.0	3.5	481.3	476.9	496.3	473.8	.	469.8
Chinese Taipei	178	177	40.2	45.7	14.1	0.0	0.0	0.3	558.9	552.4	553.9	.	.	571.2
Croatia	223	220	8.9	84.2	6.9	1.5	0.0	0.0	526.9	533.6	540.3	531.0	.	.
Cyprus	242	232	35.2	31.7	33.1	1.1	0.0	3.0	488.6	476.0	481.1	494.5	.	450.9
Czech Republic	265	262	30.3	35.3	34.4	0.8	0.0	0.2	535.5	534.6	533.1	542.1	.	500.8
Denmark	196	157	22.4	47.9	29.8	12.8	0.0	5.1	525.5	529.2	525.9	528.1	.	518.7
England	214	173	50.1	30.1	19.7	15.0	0.0	1.9	538.6	536.0	539.6	522.3	.	547.2
Finland	341	324	43.3	18.5	38.2	4.3	0.0	0.4	555.1	551.8	553.1	557.1	.	537.5
France	273	247	17.9	58.9	23.2	5.7	0.0	3.5	491.9	488.0	485.8	472.7	.	490.9
Georgia	188	175	20.4	40.0	39.5	0.7	0.0	6.2	454.3	449.4	448.4	438.4	.	471.7
Germany	226	193	45.7	30.1	24.2	10.8	0.0	3.4	524.7	531.6	533.1	534.0	.	502.5
Hong Kong SAR	148	140	17.1	76.1	6.7	1.1	0.0	3.8	558.9	555.3	555.7	549.3	.	573.0
Hungary	244	237	72.0	24.9	3.1	1.1	0.0	1.6	541.3	544.9	531.4	588.9	.	516.4
Indonesia	293	293	25.3	65.9	8.8	0.0	0.0	0.0	379.5	404.1	389.9	.	.	.
Iran, Islamic Rep. of	291	285	9.3	70.8	19.8	0.0	0.0	2.2	426.2	416.8	432.4	.	.	429.8
Ireland	214	211	20.8	57.6	21.7	0.0	0.0	1.2	523.6	528.6	535.0	.	.	524.7
Italy	257	239	6.2	43.2	50.7	3.9	0.0	2.5	500.2	518.5	516.2	517.3	.	524.8
Japan	157	154	4.1	64.9	31.0	0.3	0.0	0.8	557.9	568.4	572.1	545.1	.	568.5
Kazakhstan	239	218	71.7	27.1	1.2	0.5	0.0	7.1	556.9	536.7	522.4	529.8	.	531.8
Korea, Rep. of	182	181	13.8	33.7	52.6	0.6	0.0	0.0	583.8	591.3	589.5	594.1	.	.
Kuwait	294	267	39.7	51.2	9.1	7.9	0.0	3.8	334.3	343.7	336.1	322.9	.	319.2
Lithuania	291	283	34.4	65.0	0.6	1.1	0.0	0.1	530.3	527.2	512.1	492.7	.	426.6
Morocco	367	304	26.7	47.1	26.2	6.0	0.0	10.0	362.4	349.5	342.4	338.6	.	369.9
Netherlands	223	165	8.8	51.3	39.9	21.4	0.0	1.6	518.3	517.3	516.6	516.1	.	533.1
New Zealand	461	422	38.2	32.5	29.3	2.5	0.0	6.0	510.1	507.8	494.9	494.2	.	519.7
Northern Ireland	154	130	36.3	39.8	23.9	17.4	0.0	0.9	513.7	524.6	524.4	514.8	.	542.6
Norway	227	176	13.0	72.1	14.8	16.9	0.0	5.0	549.5	535.4	545.6	532.2	.	537.8
Oman	357	334	76.4	9.6	14.0	0.6	0.0	5.6	429.7	424.0	438.0	399.2	.	444.9
Poland	254	248	1.2	62.5	36.3	0.0	0.0	2.5	521.6	550.0	544.3	.	.	531.7
Portugal	322	302	66.3	33.0	0.6	5.1	0.0	1.2	510.2	504.9	497.0	502.5	.	510.0
Qatar	227	216	50.3	34.9	14.8	0.0	0.0	5.5	428.0	446.1	448.6	.	.	417.8
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	178	32.7	61.1	6.3	0.5	0.0	5.3	391.2	391.0	372.8	351.8	.	401.6
Serbia	192	189	34.0	40.1	25.9	0.0	0.0	1.1	518.3	529.0	525.2	.	.	537.0
Singapore	358	350	56.1	38.3	5.6	1.5	0.0	1.0	596.0	583.0	597.3	598.2	.	521.0
Slovak Republic	328	323	36.3	61.7	2.0	1.1	0.0	0.8	528.4	514.9	527.2	549.3	.	537.7
Slovenia	256	240	9.0	79.1	11.9	5.4	0.0	0.4	544.9	543.4	540.3	533.3	.	524.4
Spain	393	358	42.0	54.3	3.7	4.1	0.0	3.1	522.1	515.4	517.7	519.3	.	513.3
Sweden	212	196	27.8	16.8	55.4	3.4	0.0	4.0	537.1	543.5	541.6	532.4	.	534.9
Turkey	251	248	10.3	53.8	35.9	0.0	0.0	0.9	475.6	481.2	487.5	.	.	534.7
United Arab Emirates	840	704	35.8	50.6	13.6	8.9	0.0	3.0	469.2	442.7	461.9	414.6	.	454.1
United States	492	412	26.7	33.3	40.0	12.7	0.0	4.0	548.3	542.8	545.2	547.0	.	557.2
International Avg (n=46)	13512	12198	30.9	46.2	22.9	4.4	0.0	2.7	504.5	504.3	504.3	500.8	.	502.8
Buenos Aires, Argentina	291	121	18.6	62.9	18.5	53.9	0.0	4.1	393.9	429.4	411.7	416.8	.	413.8
Ontario, Canada	275	237	23.9	17.6	58.4	7.2	0.0	6.3	533.2	522.0	532.1	516.1	.	543.6
Quebec, Canada	151	135	23.7	36.6	39.8	6.3	0.0	3.6	526.0	527.0	518.4	534.2	.	537.1
Norway (4)	223	180	35.3	31.7	33.0	12.4	0.0	4.4	497.0	496.1	486.2	491.7	.	493.9
Abu Dhabi, UAE	212	179	32.6	56.5	10.8	10.1	0.0	1.4	448.8	396.9	429.8	399.5	.	355.7
Dubai, UAE	290	237	36.2	43.8	20.0	8.1	0.0	4.4	521.6	529.6	519.0	442.3	.	525.4
Florida, US	120	90	24.0	27.6	48.4	20.6	0.0	2.9	556.0	549.5	549.3	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Life Science: Life cycles of common plants and animals  
 Location: TQS-05Ac (ATBS05AC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean	
Australia	484	412	44.1	51.4	4.5	8.8	0.0	4.8	527.0	524.9	528.1	499.5	.	526.3	
Bahrain	345	333	39.1	25.4	35.5	2.5	0.0	1.5	465.3	468.6	445.7	427.2	.	486.4	
Belgium (Flemish)	295	283	18.0	54.6	27.4	1.2	0.0	2.3	504.7	510.8	515.9	500.5	.	533.7	
Bulgaria	233	231	10.6	88.4	1.0	0.0	0.0	0.4	531.3	536.8	451.4	.	.	614.2	
Canada	699	623	57.4	23.8	18.8	6.4	0.0	4.1	526.3	521.8	520.6	523.5	.	541.1	
Chile	180	156	64.6	30.6	4.8	6.9	0.0	4.7	483.1	473.9	451.7	473.8	.	463.5	
Chinese Taipei	178	178	22.9	62.4	14.7	0.0	0.0	0.0	559.0	555.0	550.7	.	.	.	
Croatia	223	220	9.8	50.4	39.8	1.5	0.0	0.0	523.8	532.2	537.5	531.0	.	.	
Cyprus	242	231	52.9	21.0	26.1	1.1	0.0	3.1	482.2	478.6	483.7	494.5	.	460.6	
Czech Republic	265	261	21.4	58.3	20.3	0.8	0.0	0.4	538.9	532.2	536.2	542.1	.	511.9	
Denmark	196	158	30.9	35.1	33.9	12.8	0.0	4.5	519.5	526.8	534.8	528.1	.	519.1	
England	214	175	33.1	48.0	18.9	15.0	0.0	0.7	544.8	530.6	545.9	522.3	.	543.2	
Finland	341	324	52.7	29.2	18.1	4.3	0.0	0.4	556.4	551.5	549.5	557.1	.	537.5	
France	273	250	57.7	20.9	21.4	5.7	0.0	2.6	495.8	472.7	483.7	472.7	.	485.0	
Georgia	188	180	5.4	94.6	0.0	0.7	0.0	2.7	456.2	451.7	.	438.4	.	428.2	
Germany	226	194	49.7	24.1	26.2	10.8	0.0	3.0	528.3	525.9	532.2	534.0	.	500.7	
Hong Kong SAR	148	141	44.1	27.2	28.7	1.1	0.0	3.2	557.6	558.0	550.9	549.3	.	581.9	
Hungary	244	237	51.3	39.4	9.3	1.1	0.0	1.6	544.5	540.5	533.4	588.9	.	516.4	
Indonesia	293	291	21.4	73.8	4.8	0.0	0.0	0.9	370.1	403.3	396.6	.	.	482.0	
Iran, Islamic Rep. of	291	286	48.6	35.1	16.3	0.0	0.0	1.2	417.4	416.3	435.2	.	.	512.5	
Ireland	214	210	62.2	25.5	12.3	0.0	0.0	1.2	532.0	520.9	535.4	.	.	467.5	
Italy	257	243	17.6	69.4	13.0	3.9	0.0	1.8	520.0	514.6	519.9	517.3	.	529.0	
Japan	157	154	24.6	56.8	18.5	0.3	0.0	0.8	569.1	570.0	566.3	545.1	.	568.5	
Kazakhstan	239	218	63.7	25.5	10.8	0.5	0.0	7.2	555.3	550.3	529.2	529.8	.	529.6	
Korea, Rep. of	182	181	25.6	67.5	6.9	0.6	0.0	0.0	593.4	588.7	580.1	594.1	.	.	
Kuwait	294	269	46.4	48.1	5.6	7.9	0.0	3.1	333.0	340.3	379.0	322.9	.	321.1	
Lithuania	291	284	65.2	30.9	3.9	1.1	0.0	0.1	529.5	529.2	498.0	492.7	.	386.4	
Morocco	367	312	16.2	80.2	3.6	6.0	0.0	8.4	338.2	350.4	401.9	338.6	.	381.6	
Netherlands	223	164	24.8	46.8	28.4	21.4	0.0	2.4	511.6	522.0	513.5	516.1	.	529.7	
New Zealand	461	421	61.3	22.6	16.1	2.5	0.0	6.0	509.9	505.7	486.6	494.2	.	515.1	
Northern Ireland	154	130	58.9	27.0	14.1	17.4	0.0	0.6	518.8	521.6	526.6	514.8	.	543.5	
Norway	227	175	33.8	28.6	37.5	16.9	0.0	5.3	538.6	544.3	534.3	532.2	.	539.6	
Oman	357	337	86.6	9.1	4.3	0.6	0.0	5.3	435.6	402.5	398.0	399.2	.	434.4	
Poland	254	244	2.6	16.5	80.9	0.0	0.0	3.8	549.0	553.7	546.5	.	.	532.1	
Portugal	322	304	84.1	9.7	6.2	5.1	0.0	1.0	508.5	508.9	508.4	502.5	.	489.2	
Qatar	227	216	25.5	65.6	8.8	0.0	0.0	5.0	427.4	435.7	474.1	.	.	422.8	
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	178	46.3	46.3	7.3	1.8	0.0	3.8	403.1	384.2	372.6	316.9	.	381.2	
Serbia	192	189	20.9	31.4	47.8	0.0	0.0	1.1	529.0	523.2	523.1	.	.	537.0	
Singapore	358	351	50.6	49.2	0.2	1.5	0.0	0.7	589.2	592.4	579.8	598.2	.	534.6	
Slovak Republic	328	323	21.9	71.5	6.6	1.1	0.0	0.8	518.2	520.1	525.6	549.3	.	537.7	
Slovenia	256	240	28.5	31.5	40.0	5.4	0.0	0.4	544.1	547.4	539.2	533.3	.	524.4	
Spain	393	353	47.4	50.0	2.7	4.1	0.0	3.6	518.2	518.0	508.8	519.3	.	525.9	
Sweden	212	196	32.5	36.2	31.3	3.4	0.0	4.0	536.2	541.8	543.3	532.4	.	540.4	
Turkey	251	246	9.8	29.5	60.7	0.0	0.0	1.9	453.2	482.8	488.1	.	.	499.0	
United Arab Emirates	840	709	46.6	44.8	8.6	8.9	0.0	2.5	449.0	461.7	444.5	414.6	.	472.3	
United States	492	414	51.9	35.3	12.8	12.7	0.0	3.6	549.5	540.4	538.2	547.0	.	567.5	
International Avg (n=46)	13512	12225	38.9	42.4	18.7	4.4	0.0	2.5	504.2	504.0	503.2	499.8	.	501.3	
Buenos Aires, Argentina	291	121	23.6	66.0	10.4	53.9	0.0	4.1	415.8	419.8	426.4	416.8	.	413.8	
Ontario, Canada	275	238	68.1	20.5	11.4	7.2	0.0	6.0	533.4	525.7	522.6	516.1	.	544.7	
Quebec, Canada	151	136	45.7	23.1	31.2	5.9	0.0	3.9	523.8	523.4	523.2	533.6	.	532.7	
Norway (4)	223	178	37.5	33.9	28.6	12.4	0.0	5.2	494.5	497.6	486.5	491.7	.	492.2	
Abu Dhabi, UAE	212	180	44.4	48.5	7.1	10.1	0.0	0.9	436.3	391.7	452.6	399.5	.	475.0	
Dubai, UAE	290	239	39.5	54.6	5.9	8.1	0.0	4.1	509.7	538.2	499.2	442.3	.	523.5	
Florida, US	120	90	30.7	59.3	10.1	20.6	0.0	2.9	549.3	554.7	534.2	542.1	.	531.0	

Question: When students in this class have been taught each of the following science topics. Life Science: Understanding that some characteristics are inherited and some are the result of the environment  
 Location: TQS-05Ad (ATBS05AD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	411	13.8	30.7	55.5	8.8	0.0	4.4	531.6	523.5	526.1	499.5	.	523.9
Bahrain	345	330	7.6	22.4	70.0	2.5	0.0	2.6	471.7	458.0	458.8	427.2	.	459.9
Belgium (Flemish)	295	283	4.1	19.4	76.4	1.2	0.0	1.9	497.2	515.6	511.9	500.5	.	494.6
Bulgaria	233	226	14.0	38.1	47.9	0.0	0.0	2.4	553.7	520.1	542.4	.	.	545.6
Canada	699	618	16.0	34.5	49.5	6.4	0.0	4.6	518.3	529.1	522.4	523.5	.	540.5
Chile	180	155	26.7	46.3	27.0	6.9	0.0	5.0	483.0	472.8	483.9	473.8	.	468.3
Chinese Taipei	178	178	7.0	26.0	67.0	0.0	0.0	0.0	559.1	553.6	555.5	.	.	.
Croatia	223	219	7.5	17.7	74.8	1.5	0.0	0.6	531.2	526.7	535.5	531.0	.	514.5
Cyprus	242	229	9.7	55.6	34.7	1.1	0.0	4.6	482.5	480.3	479.6	494.5	.	499.2
Czech Republic	265	261	5.2	33.1	61.7	0.8	0.0	0.3	543.6	537.5	531.9	542.1	.	513.3
Denmark	196	155	8.0	20.4	71.6	12.8	0.0	5.7	519.7	528.3	528.8	528.1	.	510.9
England	214	175	15.3	22.8	61.9	15.0	0.0	0.7	538.4	529.3	541.4	522.3	.	543.2
Finland	341	324	17.9	14.2	68.0	4.3	0.0	0.4	558.5	551.8	552.9	557.1	.	537.5
France	273	248	15.8	14.7	69.5	5.7	0.0	3.6	486.6	488.0	489.1	472.7	.	481.8
Georgia	188	177	1.4	46.0	52.7	0.7	0.0	4.2	472.6	449.8	452.7	438.4	.	444.6
Germany	226	192	7.7	16.8	75.5	10.8	0.0	3.1	522.3	524.0	530.5	534.0	.	500.3
Hong Kong SAR	148	141	11.3	33.2	55.5	1.1	0.0	3.2	570.6	551.0	555.6	549.3	.	581.9
Hungary	244	236	12.6	19.1	68.3	1.1	0.0	2.0	555.0	534.9	541.5	588.9	.	519.1
Indonesia	293	291	14.1	54.5	31.4	0.0	0.0	0.7	393.3	393.5	403.6	.	.	398.2
Iran, Islamic Rep. of	291	280	12.6	20.8	66.6	0.0	0.0	2.9	422.7	411.7	424.3	.	.	405.1
Ireland	214	212	12.3	32.4	55.3	0.0	0.0	0.7	512.5	529.2	532.3	.	.	527.5
Italy	257	241	8.3	28.6	63.1	3.9	0.0	2.6	526.2	517.1	515.3	517.3	.	507.1
Japan	157	154	0.0	1.6	98.4	0.3	0.0	0.8	.	553.8	569.3	545.1	.	568.5
Kazakhstan	239	215	36.1	32.3	31.6	0.5	0.0	7.5	562.7	545.2	544.2	529.8	.	530.6
Korea, Rep. of	182	181	7.1	10.3	82.6	0.6	0.0	0.0	582.6	582.3	590.7	594.1	.	.
Kuwait	294	263	17.5	29.4	53.1	7.9	0.0	4.9	330.7	326.8	347.2	322.9	.	340.3
Lithuania	291	284	37.2	46.5	16.3	1.1	0.0	0.1	531.2	525.3	529.5	492.7	.	386.4
Morocco	367	311	4.8	18.9	76.3	6.0	0.0	9.9	385.0	360.3	347.1	338.6	.	367.0
Netherlands	223	163	5.0	24.4	70.6	21.4	0.0	2.5	509.9	523.5	515.0	516.1	.	536.4
New Zealand	461	421	14.7	29.8	55.4	2.5	0.0	6.7	505.5	511.8	502.2	494.2	.	509.0
Northern Ireland	154	128	20.7	26.7	52.5	17.4	0.0	1.3	520.1	513.2	524.8	514.8	.	525.5
Norway	227	174	9.5	28.7	61.8	16.9	0.0	6.2	541.8	539.7	537.5	532.2	.	540.8
Oman	357	334	32.9	16.8	50.3	0.6	0.0	6.2	427.0	417.1	437.5	399.2	.	439.1
Poland	254	241	1.8	22.9	75.3	0.0	0.0	6.9	583.1	546.8	547.6	.	.	535.3
Portugal	322	303	54.3	26.5	19.2	5.1	0.0	1.3	509.3	506.0	510.7	502.5	.	484.9
Qatar	227	215	13.8	25.4	60.8	0.0	0.0	6.1	421.1	433.0	441.1	.	.	435.9
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	177	16.3	39.1	44.6	0.5	0.0	5.0	394.4	373.8	406.0	351.8	.	371.5
Serbia	192	187	16.3	23.2	60.5	0.0	0.0	2.3	527.4	531.1	520.7	.	.	537.4
Singapore	358	351	11.7	8.0	80.3	1.5	0.0	0.7	588.1	586.0	591.6	598.2	.	534.6
Slovak Republic	328	323	15.5	33.8	50.7	1.1	0.0	0.8	517.0	522.1	519.6	549.3	.	537.7
Slovenia	256	240	2.9	59.4	37.7	5.4	0.0	0.4	536.0	543.7	542.9	533.3	.	524.4
Spain	393	356	17.7	35.9	46.4	4.1	0.0	2.7	521.3	516.5	518.5	519.3	.	513.2
Sweden	212	195	8.7	18.4	72.9	3.4	0.0	4.7	525.1	545.3	541.0	532.4	.	541.5
Turkey	251	246	7.8	31.8	60.4	0.0	0.0	1.8	457.5	475.1	490.4	.	.	507.9
United Arab Emirates	840	700	16.4	31.5	52.2	8.9	0.0	4.1	442.4	455.0	459.5	414.6	.	445.1
United States	492	413	15.3	53.4	31.3	12.7	0.0	3.7	547.0	546.2	542.0	547.0	.	562.9
International Avg (n=46)	13512	12157	13.8	28.7	57.5	4.4	0.0	3.1	504.8	502.3	506.4	500.8	.	495.3
Buenos Aires, Argentina	291	118	11.3	54.4	34.2	53.9	0.0	4.8	405.4	419.8	426.9	416.8	.	405.2
Ontario, Canada	275	236	16.7	43.2	40.1	7.2	0.0	6.8	526.0	531.8	530.6	516.1	.	545.3
Quebec, Canada	151	135	16.1	27.5	56.4	5.9	0.0	3.9	517.8	530.6	521.4	533.6	.	536.8
Norway (4)	223	180	9.1	29.5	61.5	12.4	0.0	4.4	492.4	487.5	496.0	491.7	.	493.9
Abu Dhabi, UAE	212	177	20.4	33.4	46.2	10.1	0.0	2.7	416.6	403.6	426.2	399.5	.	408.6
Dubai, UAE	290	238	16.3	29.6	54.1	8.1	0.0	4.4	511.4	533.9	524.3	442.3	.	516.5
Florida, US	120	90	8.7	75.1	16.2	20.6	0.0	2.9	530.3	556.2	537.6	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Life Science: How physical features and behaviors help living things survive in their environments  
Location: TQS-05Ae (ATBS05AE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	21.0	61.3	17.8	8.8	0.0	4.1	535.3	522.6	526.3	499.5	.	526.6
Bahrain	345	330	25.0	60.7	14.3	2.5	0.0	1.9	480.5	453.7	446.3	427.2	.	472.3
Belgium (Flemish)	295	282	6.3	65.1	28.6	1.2	0.0	2.2	488.1	512.6	515.2	500.5	.	504.9
Bulgaria	233	231	28.7	69.5	1.8	0.0	0.0	0.4	554.3	529.6	455.9	.	.	614.2
Canada	699	615	15.8	57.5	26.7	6.9	0.0	4.8	517.2	525.6	523.2	526.8	.	542.8
Chile	180	156	18.1	69.8	12.2	6.9	0.0	3.7	473.4	481.8	464.8	473.8	.	472.5
Chinese Taipei	178	178	9.5	56.1	34.5	0.0	0.0	0.0	564.1	554.7	553.8	.	.	.
Croatia	223	220	13.8	48.8	37.5	1.5	0.0	0.0	534.5	529.6	538.2	531.0	.	.
Cyprus	242	233	7.6	89.6	2.9	1.1	0.0	2.3	471.3	482.2	480.8	494.5	.	472.0
Czech Republic	265	262	13.3	71.0	15.7	0.8	0.0	0.2	539.6	534.8	528.1	542.1	.	500.8
Denmark	196	160	14.7	48.6	36.7	12.8	0.0	3.4	525.3	530.7	523.9	528.1	.	514.0
England	214	175	31.6	30.0	38.3	15.0	0.0	0.7	545.4	534.2	535.3	522.3	.	543.2
Finland	341	324	34.5	36.3	29.2	4.3	0.0	0.4	558.0	550.4	552.8	557.1	.	537.5
France	273	248	18.7	29.5	51.7	5.7	0.0	3.3	497.8	492.3	482.6	472.7	.	487.6
Georgia	188	178	8.0	79.4	12.6	0.7	0.0	3.8	453.4	451.0	445.7	438.4	.	472.5
Germany	226	192	27.8	25.2	47.0	10.8	0.0	4.0	531.5	526.6	528.2	534.0	.	508.1
Hong Kong SAR	148	141	15.6	36.2	48.2	1.1	0.0	3.2	562.0	551.4	557.0	549.3	.	581.9
Hungary	244	235	45.8	35.9	18.3	1.1	0.0	2.2	541.9	543.4	536.9	588.9	.	538.1
Indonesia	293	291	19.0	57.3	23.7	0.0	0.0	0.3	370.6	399.7	410.2	.	.	393.4
Iran, Islamic Rep. of	291	279	22.1	34.1	43.7	0.0	0.0	4.7	424.7	415.4	428.3	.	.	377.7
Ireland	214	211	19.4	56.6	24.0	0.0	0.0	1.0	521.6	530.6	530.1	.	.	544.1
Italy	257	239	18.6	56.6	24.8	3.9	0.0	2.5	518.7	516.6	515.7	517.3	.	505.1
Japan	157	154	2.1	14.3	83.5	0.3	0.0	0.8	562.8	569.8	569.1	545.1	.	568.5
Kazakhstan	239	217	46.8	43.2	10.0	0.5	0.0	7.2	560.2	543.0	544.2	529.8	.	530.4
Korea, Rep. of	182	181	14.4	57.6	27.9	0.6	0.0	0.0	591.9	587.0	592.7	594.1	.	.
Kuwait	294	266	32.3	54.6	13.2	7.9	0.0	4.2	336.6	338.8	346.2	322.9	.	325.2
Lithuania	291	283	38.9	55.9	5.2	1.1	0.0	0.4	529.5	527.2	525.9	492.7	.	532.3
Morocco	367	312	8.9	26.7	64.4	6.0	0.0	8.5	356.2	343.9	354.8	338.6	.	363.6
Netherlands	223	165	7.9	42.0	50.1	21.4	0.0	1.9	529.2	519.6	513.5	516.1	.	521.6
New Zealand	461	418	24.5	46.9	28.6	2.5	0.0	7.1	507.5	511.0	491.9	494.2	.	520.2
Northern Ireland	154	128	36.5	39.4	24.1	17.4	0.0	1.4	520.9	518.9	524.8	514.8	.	507.9
Norway	227	175	10.9	29.1	60.0	16.9	0.0	5.9	537.7	540.8	537.8	532.2	.	539.4
Oman	357	335	25.0	71.1	3.9	0.6	0.0	5.2	422.7	435.3	426.4	399.2	.	419.7
Poland	254	241	3.8	57.0	39.2	0.0	0.0	4.1	543.1	547.3	548.5	.	.	536.7
Portugal	322	306	75.0	11.9	13.1	5.1	0.0	0.5	509.8	501.8	506.4	502.5	.	495.9
Qatar	227	215	27.4	48.6	24.0	0.0	0.0	5.3	430.9	437.9	438.8	.	.	437.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	25.5	58.5	16.0	0.5	0.0	3.8	402.9	389.3	377.5	351.8	.	380.8
Serbia	192	190	41.5	41.5	17.1	0.0	0.0	0.9	519.1	529.0	526.0	.	.	535.2
Singapore	358	351	15.5	7.7	76.8	1.5	0.0	0.7	591.4	586.0	591.1	598.2	.	534.6
Slovak Republic	328	322	22.1	66.7	11.2	1.1	0.0	1.1	519.6	520.8	514.7	549.3	.	550.9
Slovenia	256	238	5.7	46.4	48.0	5.4	0.0	1.2	551.3	542.3	542.9	533.3	.	541.7
Spain	393	356	21.4	64.6	14.0	4.1	0.0	3.1	520.6	517.8	514.2	519.3	.	525.0
Sweden	212	195	12.8	45.2	42.0	3.4	0.0	4.1	518.1	543.5	544.1	532.4	.	540.1
Turkey	251	248	10.2	43.5	46.3	0.0	0.0	1.0	467.7	475.3	493.5	.	.	529.0
United Arab Emirates	840	702	30.9	48.8	20.3	8.9	0.0	3.3	467.9	451.9	440.9	414.6	.	459.4
United States	492	413	17.4	70.2	12.4	12.7	0.0	3.7	551.7	543.5	544.1	547.0	.	562.9
International Avg (n=46)	13512	12185	21.6	49.3	29.2	4.4	0.0	2.7	505.6	504.2	501.9	500.9	.	501.6
Buenos Aires, Argentina	291	119	14.5	72.6	12.9	53.9	0.0	4.8	414.3	424.7	394.2	416.8	.	417.1
Ontario, Canada	275	232	10.3	70.7	19.0	8.3	0.0	7.3	525.3	530.3	530.6	522.8	.	544.8
Quebec, Canada	151	136	12.7	44.7	42.6	5.9	0.0	3.8	514.4	531.5	517.7	533.6	.	536.3
Norway (4)	223	180	13.4	37.7	48.8	12.4	0.0	4.4	491.5	488.2	497.4	491.7	.	493.9
Abu Dhabi, UAE	212	178	28.9	51.6	19.4	10.1	0.0	1.1	449.0	400.7	407.3	399.5	.	451.9
Dubai, UAE	290	237	39.0	48.8	12.3	8.1	0.0	5.0	534.2	521.1	501.1	442.3	.	539.5
Florida, US	120	90	13.0	73.0	14.1	20.6	0.0	2.9	544.4	553.5	543.7	542.1	.	531.0



Question: When students in this class have been taught each of the following science topics. Life Science: Relationships in communities and ecosystems  
 Location: TQS-05Af (ATBS05AF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	24.4	54.5	21.2	8.8	0.0	4.1	528.7	523.8	528.2	499.5	.	526.6
Bahrain	345	333	31.1	57.0	11.9	2.5	0.0	1.5	472.0	460.4	420.1	427.2	.	486.4
Belgium (Flemish)	295	286	5.6	58.0	36.4	1.2	0.0	1.0	509.4	508.9	516.8	500.5	.	494.7
Bulgaria	233	231	50.5	49.5	0.0	0.0	0.0	0.4	540.1	530.6	.	.	.	614.2
Canada	699	622	12.1	64.5	23.4	6.4	0.0	4.5	516.4	525.5	523.1	523.5	.	545.2
Chile	180	157	16.2	71.8	12.0	6.9	0.0	4.1	469.1	482.7	464.4	473.8	.	472.2
Chinese Taipei	178	177	7.9	48.8	43.3	0.0	0.0	0.4	554.9	555.2	555.2	.	.	583.4
Croatia	223	220	12.3	56.2	31.5	1.5	0.0	0.0	530.3	532.8	536.0	531.0	.	.
Cyprus	242	234	58.3	34.0	7.7	1.1	0.0	2.0	485.1	477.0	474.1	494.5	.	464.2
Czech Republic	265	262	16.7	79.8	3.5	0.8	0.0	0.2	540.4	533.3	530.3	542.1	.	500.8
Denmark	196	161	27.8	47.8	24.4	12.8	0.0	3.0	526.0	527.6	528.5	528.1	.	512.5
England	214	174	44.2	23.4	32.5	15.0	0.0	1.0	541.3	540.0	532.8	522.3	.	534.3
Finland	341	323	47.6	43.0	9.4	4.3	0.0	0.6	557.0	551.4	547.9	557.1	.	546.6
France	273	248	47.2	34.0	18.9	5.7	0.0	2.9	496.6	483.5	475.6	472.7	.	492.1
Georgia	188	181	21.6	46.7	31.7	0.7	0.0	3.6	448.9	449.2	457.4	438.4	.	440.7
Germany	226	192	37.4	38.7	23.9	10.8	0.0	3.9	529.1	530.7	526.7	534.0	.	498.8
Hong Kong SAR	148	141	18.5	23.3	58.2	1.1	0.0	3.2	569.3	554.4	552.0	549.3	.	581.9
Hungary	244	236	62.9	28.7	8.5	1.1	0.0	2.2	542.4	541.5	540.6	588.9	.	518.8
Indonesia	293	291	19.3	71.9	8.8	0.0	0.0	0.7	372.9	402.2	404.8	.	.	384.6
Iran, Islamic Rep. of	291	283	19.6	42.5	37.9	0.0	0.0	2.6	403.5	424.4	423.5	.	.	459.4
Ireland	214	213	23.8	56.5	19.7	0.0	0.0	0.3	522.3	531.6	529.0	.	.	543.7
Italy	257	243	24.1	50.0	25.9	3.9	0.0	1.7	510.7	519.4	517.1	517.3	.	501.8
Japan	157	154	0.0	9.9	90.1	0.3	0.0	0.8	.	570.3	569.0	545.1	.	568.5
Kazakhstan	239	216	42.3	41.0	16.7	0.5	0.0	7.4	560.6	550.9	528.2	529.8	.	530.5
Korea, Rep. of	182	181	10.6	14.9	74.5	0.6	0.0	0.0	593.2	583.3	589.9	594.1	.	.
Kuwait	294	268	37.5	56.1	6.4	7.9	0.0	3.4	335.4	339.0	360.0	322.9	.	324.4
Lithuania	291	283	54.9	42.2	3.0	1.1	0.0	0.1	528.4	529.7	502.5	492.7	.	429.3
Morocco	367	313	45.4	44.4	10.2	6.0	0.0	8.0	354.1	350.7	335.8	338.6	.	378.1
Netherlands	223	166	9.7	48.4	41.9	21.4	0.0	1.3	517.6	519.8	513.9	516.1	.	535.7
New Zealand	461	420	30.7	43.1	26.3	2.5	0.0	6.3	511.8	508.1	492.5	494.2	.	515.4
Northern Ireland	154	130	23.7	44.6	31.7	17.4	0.0	1.0	516.1	518.4	527.6	514.8	.	525.5
Norway	227	175	24.4	37.0	38.6	16.9	0.0	5.9	538.2	540.7	537.0	532.2	.	539.4
Oman	357	338	18.0	77.2	4.7	0.6	0.0	4.1	417.5	436.2	403.4	399.2	.	429.0
Poland	254	247	5.9	91.2	2.9	0.0	0.0	2.4	552.2	547.8	532.7	.	.	529.0
Portugal	322	305	87.7	8.8	3.6	5.1	0.0	1.0	508.9	507.5	502.8	502.5	.	490.8
Qatar	227	213	27.8	21.9	50.3	0.0	0.0	6.5	454.0	444.1	422.3	.	.	441.6
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	179	30.3	65.0	4.7	0.5	0.0	4.2	395.7	391.5	357.5	351.8	.	376.5
Serbia	192	190	73.5	25.8	0.7	0.0	0.0	0.9	522.3	529.2	563.1	.	.	535.2
Singapore	358	351	5.7	2.9	91.4	1.5	0.0	0.7	576.0	579.0	592.0	598.2	.	534.6
Slovak Republic	328	323	27.7	63.7	8.7	1.1	0.0	0.8	521.7	518.7	524.5	549.3	.	537.7
Slovenia	256	239	15.2	25.5	59.3	5.4	0.0	1.0	546.9	537.5	544.5	533.3	.	543.7
Spain	393	356	20.0	72.8	7.3	4.1	0.0	2.2	516.5	518.4	519.1	519.3	.	522.7
Sweden	212	195	11.4	63.9	24.7	3.4	0.0	4.2	536.1	543.3	536.7	532.4	.	531.5
Turkey	251	247	12.9	32.5	54.6	0.0	0.0	1.9	494.0	486.6	477.3	.	.	531.7
United Arab Emirates	840	708	34.3	42.1	23.7	8.9	0.0	2.4	465.4	451.6	444.0	414.6	.	464.7
United States	492	414	18.5	66.1	15.3	12.7	0.0	3.6	550.7	542.6	547.3	547.0	.	567.5
International Avg (n=46)	13512	12233	28.2	46.1	25.7	4.4	0.0	2.5	504.0	505.0	500.2	500.8	.	501.9
Buenos Aires, Argentina	291	120	19.8	51.0	29.2	53.9	0.0	4.5	422.4	423.0	411.9	416.8	.	413.3
Ontario, Canada	275	236	5.9	77.9	16.1	7.2	0.0	6.8	506.1	531.4	533.7	516.1	.	546.3
Quebec, Canada	151	136	17.6	55.1	27.3	5.9	0.0	4.1	524.3	525.2	517.8	533.6	.	543.7
Norway (4)	223	180	21.5	63.0	15.4	12.4	0.0	4.6	497.0	494.4	483.1	491.7	.	492.6
Abu Dhabi, UAE	212	181	32.1	46.8	21.1	10.1	0.0	0.1	437.2	406.2	407.7	399.5	.	378.8
Dubai, UAE	290	239	43.0	40.5	16.5	8.1	0.0	3.9	527.9	522.4	522.4	442.3	.	521.0
Florida, US	120	90	14.4	73.4	12.3	20.6	0.0	2.9	554.1	554.9	523.5	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Life Science: Human health  
 Location: TQS-05Ag (ATBS05Ag)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just intro- duced %	Not Admini- stered %	Not Applic- able %	Omitte- d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just intro- duced Mean	Not Admini- stered Mean	Not Applic- able Mean	Omitte- d Mean
Australia	484	413	15.4	32.3	52.3	8.8	0.0	4.1	520.9	527.3	526.5	499.5	.	526.6
Bahrain	345	333	17.0	27.9	55.1	2.5	0.0	1.5	462.6	459.2	458.2	427.2	.	486.4
Belgium (Flemish)	295	284	16.1	60.0	23.9	1.2	0.0	1.8	500.9	513.9	514.1	500.5	.	499.9
Bulgaria	233	230	38.5	55.6	5.9	0.0	0.0	0.9	530.8	538.4	533.5	.	.	591.6
Canada	699	622	14.8	35.5	49.8	6.4	0.0	4.5	528.4	520.6	525.1	523.5	.	542.3
Chile	180	153	27.4	58.6	14.0	6.9	0.0	5.2	480.2	475.4	493.3	473.8	.	458.1
Chinese Taipei	178	178	14.2	33.3	52.6	0.0	0.0	0.0	549.9	548.5	561.0	.	.	.
Croatia	223	219	49.7	50.3	0.0	1.5	0.0	0.3	533.9	533.2	.	531.0	.	509.6
Cyprus	242	228	29.4	18.6	52.0	1.1	0.0	4.9	485.5	469.2	482.1	494.5	.	490.1
Czech Republic	265	262	37.1	30.4	32.5	0.8	0.0	0.2	533.7	534.8	534.7	542.1	.	500.8
Denmark	196	157	12.1	45.9	42.0	12.8	0.0	5.2	525.6	530.7	525.1	528.1	.	513.0
England	214	175	28.3	29.0	42.7	15.0	0.0	0.7	549.0	536.4	532.2	522.3	.	543.2
Finland	341	324	23.9	52.7	23.4	4.3	0.0	0.5	557.3	551.5	554.9	557.1	.	554.1
France	273	250	31.2	45.1	23.7	5.7	0.0	3.2	491.8	489.8	480.2	472.7	.	492.2
Georgia	188	181	23.5	64.6	12.0	0.7	0.0	2.5	447.5	453.8	454.3	438.4	.	410.5
Germany	226	191	55.3	34.4	10.3	10.8	0.0	4.0	529.5	527.5	528.9	534.0	.	507.3
Hong Kong SAR	148	141	10.9	71.9	17.3	1.1	0.0	3.2	549.4	553.1	570.8	549.3	.	581.9
Hungary	244	237	62.5	35.3	2.3	1.1	0.0	1.6	546.9	533.4	537.0	588.9	.	516.4
Indonesia	293	289	25.9	58.7	15.5	0.0	0.0	1.7	381.6	400.8	398.7	.	.	462.4
Iran, Islamic Rep. of	291	283	23.6	45.8	30.6	0.0	0.0	1.7	406.5	420.3	431.7	.	.	450.0
Ireland	214	213	25.3	61.8	12.9	0.0	0.0	0.3	534.7	526.7	528.2	.	.	514.6
Italy	257	243	8.5	13.7	77.9	3.9	0.0	1.7	514.2	518.1	516.7	517.3	.	501.8
Japan	157	154	1.7	17.0	81.2	0.3	0.0	0.8	557.1	576.5	567.8	545.1	.	568.5
Kazakhstan	239	218	58.5	35.2	6.4	0.5	0.0	7.0	561.1	539.3	525.1	529.8	.	529.4
Korea, Rep. of	182	181	15.7	27.5	56.8	0.6	0.0	0.0	596.7	589.4	587.2	594.1	.	.
Kuwait	294	264	35.2	53.0	11.9	7.9	0.0	4.6	322.2	347.4	360.5	322.9	.	307.0
Lithuania	291	283	47.8	48.4	3.8	1.1	0.0	0.4	527.6	528.5	531.0	492.7	.	504.8
Morocco	367	311	16.6	45.7	37.7	6.0	0.0	8.4	341.8	353.2	350.1	338.6	.	382.6
Netherlands	223	165	9.3	55.3	35.5	21.4	0.0	1.7	523.5	517.3	514.5	516.1	.	540.1
New Zealand	461	423	23.3	47.6	29.1	2.5	0.0	5.6	506.5	504.1	506.7	494.2	.	512.2
Northern Ireland	154	129	32.2	45.5	22.4	17.4	0.0	0.5	520.4	521.1	520.9	514.8	.	519.6
Norway	227	174	16.8	46.2	37.0	16.9	0.0	6.2	537.7	538.1	539.5	532.2	.	540.8
Oman	357	339	72.3	9.7	18.1	0.6	0.0	4.1	437.6	399.8	422.9	399.2	.	428.1
Poland	254	247	4.9	76.5	18.6	0.0	0.0	2.2	553.2	549.8	537.3	.	.	528.2
Portugal	322	306	71.1	26.9	2.0	5.1	0.0	0.5	508.9	506.4	517.3	502.5	.	495.9
Qatar	227	215	19.7	57.3	23.0	0.0	0.0	5.0	424.0	427.5	467.7	.	.	440.2
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	29.9	27.0	43.1	0.5	0.0	3.6	397.9	367.2	400.4	351.8	.	386.4
Serbia	192	189	61.6	33.9	4.5	0.0	0.0	1.5	521.4	529.9	515.3	.	.	558.3
Singapore	358	351	6.0	9.1	84.9	1.5	0.0	0.7	586.0	585.2	591.7	598.2	.	534.6
Slovak Republic	328	323	52.3	40.1	7.7	1.1	0.0	0.8	523.6	514.3	525.6	549.3	.	537.7
Slovenia	256	239	15.1	73.9	11.0	5.4	0.0	0.7	548.6	541.6	545.9	533.3	.	538.9
Spain	393	358	31.4	59.9	8.7	4.1	0.0	2.6	520.4	516.0	522.9	519.3	.	525.2
Sweden	212	197	18.8	19.2	62.0	3.4	0.0	3.6	539.3	540.4	541.0	532.4	.	538.3
Turkey	251	248	24.2	56.2	19.6	0.0	0.0	1.1	479.7	482.9	485.1	.	.	560.6
United Arab Emirates	840	702	21.1	35.6	43.3	8.9	0.0	3.8	449.1	468.0	444.6	414.6	.	476.2
United States	492	413	14.9	26.2	58.9	12.7	0.0	3.7	559.0	545.3	541.3	547.0	.	562.9
International Avg (n=46)	13512	12215	28.1	42.0	29.9	4.4	0.0	2.6	504.4	503.3	505.5	500.8	.	503.8
Buenos Aires, Argentina	291	121	21.8	28.9	49.3	53.9	0.0	4.1	416.0	414.8	423.9	416.8	.	413.8
Ontario, Canada	275	236	17.2	43.5	39.3	7.2	0.0	6.8	534.5	523.8	535.9	516.1	.	545.4
Quebec, Canada	151	137	6.4	29.4	64.3	5.9	0.0	3.6	540.4	520.4	523.1	533.6	.	537.0
Norway (4)	223	180	8.0	70.1	22.0	12.4	0.0	4.4	510.4	490.6	495.0	491.7	.	493.9
Abu Dhabi, UAE	212	178	23.6	36.9	39.5	10.1	0.0	0.9	412.7	423.7	411.3	399.5	.	436.6
Dubai, UAE	290	238	19.8	41.4	38.8	8.1	0.0	7.8	526.6	538.2	510.7	442.3	.	517.5
Florida, US	120	90	15.3	23.6	61.2	20.6	0.0	2.9	551.4	558.1	548.1	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: States of matter and properties of the states of matter ; how the state of matter changes by heating or cooling  
 Location: TQS-05Ba (ATBS05BA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	416	29.4	37.6	33.0	8.8	0.0	2.8	529.3	522.8	528.4	499.5	.	506.6
Bahrain	345	333	29.3	62.2	8.5	2.5	0.0	1.5	468.9	458.6	430.6	427.2	.	486.4
Belgium (Flemish)	295	285	4.4	32.6	63.0	1.2	0.0	1.3	514.7	509.7	512.7	500.5	.	496.7
Bulgaria	233	231	53.7	44.4	1.8	0.0	0.0	0.4	544.1	528.6	443.0	.	.	614.2
Canada	699	618	38.8	18.1	43.1	6.4	0.0	4.5	523.1	523.0	525.4	523.5	.	541.0
Chile	180	158	22.1	75.4	2.5	6.9	0.0	3.3	474.2	480.4	460.5	473.8	.	462.6
Chinese Taipei	178	177	39.1	27.7	33.2	0.0	0.0	0.7	559.7	548.5	555.9	.	.	549.8
Croatia	223	220	29.0	62.9	8.1	1.5	0.0	0.0	533.5	533.1	536.1	531.0	.	.
Cyprus	242	234	22.6	34.1	43.2	1.1	0.0	2.0	487.7	480.6	479.0	494.5	.	464.2
Czech Republic	265	262	35.8	50.0	14.2	0.8	0.0	0.2	533.2	535.2	534.4	542.1	.	500.8
Denmark	196	157	17.1	36.9	46.0	12.8	0.0	4.8	532.4	525.0	528.5	528.1	.	509.5
England	214	175	25.7	63.7	10.5	15.0	0.0	0.7	544.7	538.4	521.0	522.3	.	543.2
Finland	341	323	33.5	37.7	28.8	4.3	0.0	1.0	556.3	552.0	552.7	557.1	.	556.3
France	273	246	58.5	29.3	12.1	5.7	0.0	4.8	487.5	490.7	489.7	472.7	.	481.2
Georgia	188	179	20.5	28.6	50.8	0.7	0.0	4.2	450.5	444.5	456.9	438.4	.	435.2
Germany	226	192	56.2	24.0	19.7	10.8	0.0	3.6	524.5	539.4	527.1	534.0	.	508.8
Hong Kong SAR	148	140	15.1	71.6	13.3	1.1	0.0	3.5	550.0	556.6	557.0	549.3	.	581.7
Hungary	244	236	85.0	11.8	3.2	1.1	0.0	1.8	542.2	533.9	562.7	588.9	.	519.0
Indonesia	293	293	20.3	70.1	9.6	0.0	0.0	0.0	405.8	394.9	390.2	.	.	.
Iran, Islamic Rep. of	291	288	64.7	24.4	10.8	0.0	0.0	0.5	420.6	418.4	425.1	.	.	506.4
Ireland	214	213	26.3	53.0	20.6	0.0	0.0	0.2	530.0	530.5	523.0	.	.	557.2
Italy	257	239	42.1	49.4	8.5	3.9	0.0	2.3	516.7	516.4	520.3	517.3	.	499.0
Japan	157	154	0.0	95.7	4.3	0.3	0.0	0.8	.	568.7	577.4	545.1	.	568.5
Kazakhstan	239	214	55.9	35.5	8.6	0.5	0.0	8.7	556.8	553.2	522.0	529.8	.	519.8
Korea, Rep. of	182	181	6.9	91.4	1.7	0.6	0.0	0.0	596.0	588.7	594.3	594.1	.	.
Kuwait	294	267	49.8	38.3	12.0	7.9	0.0	3.8	335.2	340.3	354.2	322.9	.	314.9
Lithuania	291	283	20.1	46.9	32.9	1.1	0.0	0.1	534.2	524.0	530.4	492.7	.	444.0
Morocco	367	315	30.2	68.6	1.2	6.0	0.0	7.3	359.4	348.2	275.9	338.6	.	380.9
Netherlands	223	165	1.4	33.0	65.6	21.4	0.0	1.5	526.1	521.4	514.6	516.1	.	537.6
New Zealand	461	424	33.2	38.6	28.2	2.5	0.0	5.7	512.8	505.9	495.3	494.2	.	515.8
Northern Ireland	154	130	30.0	24.9	45.1	17.4	0.0	0.5	527.8	518.3	518.1	514.8	.	483.9
Norway	227	172	19.3	38.1	42.6	16.9	0.0	6.8	550.1	536.5	535.1	532.2	.	540.8
Oman	357	343	87.5	7.6	4.8	0.6	0.0	3.2	435.0	388.4	421.0	399.2	.	443.4
Poland	254	248	2.5	66.1	31.5	0.0	0.0	2.1	554.0	547.5	546.4	.	.	540.1
Portugal	322	306	9.4	80.1	10.5	5.1	0.0	0.5	504.7	508.7	509.3	502.5	.	495.9
Qatar	227	215	29.9	62.2	7.9	0.0	0.0	5.4	420.7	441.4	462.9	.	.	424.9
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	178	38.8	58.3	2.9	1.0	0.0	4.0	407.2	381.0	380.6	310.1	.	389.9
Serbia	192	188	59.7	39.9	0.4	0.0	0.0	1.9	525.9	522.3	567.5	.	.	519.0
Singapore	358	350	13.3	86.0	0.7	1.5	0.0	1.0	579.2	592.2	631.5	598.2	.	546.9
Slovak Republic	328	324	79.4	19.4	1.2	1.1	0.0	0.3	521.8	513.7	518.3	549.3	.	519.9
Slovenia	256	239	7.1	86.1	6.8	5.4	0.0	0.7	539.6	543.5	543.8	533.3	.	524.3
Spain	393	359	32.8	55.5	11.7	4.1	0.0	1.9	520.5	516.0	520.6	519.3	.	525.6
Sweden	212	198	18.8	64.9	16.3	3.4	0.0	2.8	541.2	539.3	546.1	532.4	.	530.3
Turkey	251	249	16.2	82.7	1.2	0.0	0.0	0.7	486.8	483.4	392.4	.	.	545.9
United Arab Emirates	840	712	34.1	58.7	7.2	8.9	0.0	2.4	456.5	453.4	456.0	414.6	.	460.9
United States	492	411	32.8	45.6	21.6	12.7	0.0	3.8	557.9	539.9	534.9	547.0	.	567.5
International Avg (n=46)	13512	12240	32.1	49.3	18.5	4.4	0.0	2.4	506.2	503.0	500.2	499.6	.	503.7
Buenos Aires, Argentina	291	118	12.8	59.8	27.4	53.9	0.0	5.4	396.0	418.8	431.3	416.8	.	417.2
Ontario, Canada	275	236	39.2	7.6	53.2	7.2	0.0	6.3	533.1	526.0	529.5	516.1	.	542.9
Quebec, Canada	151	136	29.7	48.4	22.0	5.9	0.0	3.6	528.8	523.7	515.7	533.6	.	535.7
Norway (4)	223	179	17.2	36.8	45.9	12.4	0.0	5.2	493.9	491.0	494.7	491.7	.	493.2
Abu Dhabi, UAE	212	182	33.9	57.7	8.4	10.1	0.0	0.0	430.8	409.4	406.6	399.5	.	437.1
Dubai, UAE	290	241	33.8	58.3	7.9	8.1	0.0	3.7	521.8	527.0	519.9	442.3	.	522.4
Florida, US	120	90	13.5	79.7	6.8	20.6	0.0	2.9	552.5	549.9	560.7	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Classifying materials based on physical properties  
 Location: TQS-05Bb (ATBS05BB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	15.8	42.3	41.9	8.8	0.0	2.8	529.2	523.8	528.4	499.5	.	506.5
Bahrain	345	332	22.3	60.5	17.2	2.5	0.0	1.7	469.5	463.6	429.2	427.2	.	492.1
Belgium (Flemish)	295	285	3.2	12.7	84.1	1.2	0.0	1.8	494.9	506.4	513.1	500.5	.	512.8
Bulgaria	233	229	26.3	70.4	3.3	0.0	0.0	1.7	527.2	541.6	493.6	.	.	502.8
Canada	699	617	17.9	23.2	58.9	6.5	0.0	4.4	522.9	516.5	527.2	523.1	.	543.8
Chile	180	157	13.1	74.3	12.6	6.9	0.0	3.5	467.3	481.2	474.5	473.8	.	464.6
Chinese Taipei	178	176	10.2	35.6	54.1	0.0	0.0	1.0	557.8	554.7	555.1	.	.	563.1
Croatia	223	219	9.7	14.7	75.6	1.5	0.0	0.3	533.9	530.8	534.0	531.0	.	515.7
Cyprus	242	230	14.1	21.3	64.5	1.1	0.0	4.0	482.0	486.2	477.5	494.5	.	508.8
Czech Republic	265	262	6.8	39.3	53.9	0.8	0.0	0.2	526.4	533.6	536.0	542.1	.	500.8
Denmark	196	159	17.4	20.6	62.0	12.8	0.0	4.1	530.9	523.8	527.8	528.1	.	514.3
England	214	175	33.7	50.7	15.6	15.0	0.0	0.7	546.1	538.1	521.2	522.3	.	543.2
Finland	341	324	10.0	30.4	59.6	4.3	0.0	0.4	560.1	551.2	554.0	557.1	.	537.5
France	273	247	12.4	18.7	68.9	5.7	0.0	4.1	487.0	483.8	488.8	472.7	.	503.1
Georgia	188	179	6.8	73.3	19.9	0.7	0.0	4.1	453.2	447.9	463.4	438.4	.	450.7
Germany	226	194	31.7	34.9	33.3	10.8	0.0	2.6	537.5	526.3	522.6	534.0	.	500.6
Hong Kong SAR	148	141	12.0	24.5	63.5	1.1	0.0	3.2	568.7	558.5	552.3	549.3	.	581.9
Hungary	244	237	32.4	16.2	51.4	1.1	0.0	1.6	550.6	531.9	539.5	588.9	.	516.4
Indonesia	293	293	11.6	62.2	26.2	0.0	0.0	0.0	393.4	394.8	402.6	.	.	.
Iran, Islamic Rep. of	291	287	28.5	38.8	32.7	0.0	0.0	1.1	419.9	411.8	433.6	.	.	400.0
Ireland	214	213	13.6	54.4	32.0	0.0	0.0	0.2	534.7	526.6	530.1	.	.	557.2
Italy	257	239	20.5	25.3	54.1	3.9	0.0	3.2	519.6	505.3	522.7	517.3	.	482.1
Japan	157	153	12.1	50.8	37.1	0.3	0.0	1.5	569.5	569.3	568.8	545.1	.	565.3
Kazakhstan	239	214	29.2	39.2	31.5	0.5	0.0	8.7	555.9	558.4	542.1	529.8	.	519.8
Korea, Rep. of	182	181	7.1	21.0	71.9	0.6	0.0	0.0	589.4	589.5	589.2	594.1	.	.
Kuwait	294	267	40.4	37.6	22.0	7.9	0.0	3.8	328.6	337.8	361.9	322.9	.	314.9
Lithuania	291	283	13.3	39.6	47.1	1.1	0.0	0.1	523.1	528.6	529.3	492.7	.	409.7
Morocco	367	310	19.6	60.3	20.1	6.0	0.0	8.4	338.5	352.6	355.5	338.6	.	380.4
Netherlands	223	164	0.3	17.5	82.2	21.4	0.0	1.9	563.0	516.5	517.0	516.1	.	530.5
New Zealand	461	423	22.3	27.3	50.4	2.5	0.0	6.0	514.7	509.3	499.4	494.2	.	510.3
Northern Ireland	154	130	27.1	24.7	48.2	17.4	0.0	0.5	526.3	522.8	517.2	514.8	.	483.9
Norway	227	173	3.1	31.4	65.6	16.9	0.0	6.5	542.9	538.6	538.2	532.2	.	540.9
Oman	357	336	36.6	53.1	10.3	0.6	0.0	5.9	429.1	432.3	417.5	399.2	.	455.6
Poland	254	248	0.3	3.1	96.5	0.0	0.0	1.9	539.7	548.9	547.3	.	.	540.2
Portugal	322	305	12.0	50.7	37.3	5.1	0.0	0.6	507.5	507.0	510.8	502.5	.	493.9
Qatar	227	216	26.3	43.3	30.4	0.0	0.0	4.8	426.7	435.3	446.5	.	.	433.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	25.9	71.6	2.5	0.5	0.0	3.7	402.5	386.0	390.1	351.8	.	393.6
Serbia	192	190	41.8	56.8	1.5	0.0	0.0	0.9	524.7	525.0	493.0	.	.	535.2
Singapore	358	349	33.7	64.1	2.2	1.5	0.0	1.3	586.6	592.7	615.3	598.2	.	533.3
Slovak Republic	328	323	51.0	45.5	3.5	1.1	0.0	0.3	520.2	521.9	501.8	549.3	.	478.3
Slovenia	256	239	1.6	77.3	21.1	5.4	0.0	0.7	542.2	544.4	539.1	533.3	.	524.3
Spain	393	355	11.3	45.9	42.8	4.1	0.0	3.1	512.1	520.8	516.9	519.3	.	518.1
Sweden	212	198	9.7	24.9	65.4	3.4	0.0	2.8	544.3	539.0	540.9	532.4	.	530.3
Turkey	251	249	7.5	78.5	13.9	0.0	0.0	0.7	468.8	481.2	500.5	.	.	545.9
United Arab Emirates	840	712	21.5	45.6	33.0	8.9	0.0	2.1	458.7	450.5	457.4	414.6	.	466.0
United States	492	411	13.8	61.7	24.5	12.7	0.0	3.8	556.3	545.9	536.2	547.0	.	563.6
International Avg (n=46)	13512	12219	18.2	41.7	40.1	4.4	0.0	2.5	506.2	504.2	503.5	500.8	.	499.2
Buenos Aires, Argentina	291	117	6.7	54.0	39.3	53.9	0.0	5.4	411.8	410.0	434.7	416.8	.	413.1
Ontario, Canada	275	235	22.6	9.3	68.1	7.5	0.0	6.2	531.4	521.4	531.8	515.7	.	543.0
Quebec, Canada	151	136	7.4	59.5	33.1	5.9	0.0	3.6	534.4	521.2	525.1	533.6	.	535.7
Norway (4)	223	179	5.2	5.4	89.4	12.4	0.0	5.2	484.8	502.6	493.1	491.7	.	493.2
Abu Dhabi, UAE	212	180	24.0	43.3	32.7	10.1	0.0	0.2	429.3	414.8	409.5	399.5	.	346.7
Dubai, UAE	290	241	22.3	45.1	32.6	8.1	0.0	3.7	530.6	515.9	532.8	442.3	.	522.4
Florida, US	120	90	12.8	77.8	9.4	20.6	0.0	2.9	536.6	555.5	533.0	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Mixtures and how to separate a mixture into its components  
 Location: TQS-05Bc (ATBS05BC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	16.3	20.8	62.8	8.8	0.0	2.9	527.7	524.6	527.1	499.5	.	504.0
Bahrain	345	333	21.4	58.6	20.0	2.5	0.0	1.5	479.6	460.6	433.3	427.2	.	486.4
Belgium (Flemish)	295	284	2.4	10.6	87.0	1.2	0.0	2.8	462.8	507.8	513.0	500.5	.	525.6
Bulgaria	233	230	4.4	45.7	49.9	0.0	0.0	1.0	532.2	534.2	537.4	.	.	534.2
Canada	699	615	19.5	12.0	68.5	6.5	0.0	4.8	519.9	519.3	526.4	523.1	.	536.2
Chile	180	157	9.4	32.8	57.7	6.9	0.0	4.3	477.0	463.8	487.7	473.8	.	461.1
Chinese Taipei	178	178	12.1	9.2	78.7	0.0	0.0	0.0	554.8	540.7	557.1	.	.	.
Croatia	223	220	11.1	13.6	75.4	1.5	0.0	0.0	524.1	540.5	533.6	531.0	.	.
Cyprus	242	229	27.0	8.9	64.1	1.1	0.0	4.3	479.0	491.2	479.3	494.5	.	500.5
Czech Republic	265	262	5.3	13.9	80.8	0.8	0.0	0.2	526.1	543.4	533.4	542.1	.	500.8
Denmark	196	158	10.1	12.7	77.2	12.8	0.0	4.5	531.1	518.9	528.6	528.1	.	513.2
England	214	175	21.1	58.7	20.2	15.0	0.0	0.7	544.9	540.1	525.3	522.3	.	543.2
Finland	341	323	9.1	8.4	82.5	4.3	0.0	0.8	554.5	559.2	553.1	557.1	.	545.5
France	273	251	20.3	25.6	54.1	5.7	0.0	2.7	488.6	485.1	489.4	472.7	.	494.3
Georgia	188	179	4.7	37.5	57.8	0.7	0.0	4.4	443.1	444.7	456.3	438.4	.	451.5
Germany	226	192	21.8	16.0	62.2	10.8	0.0	3.3	536.3	541.4	522.8	534.0	.	504.2
Hong Kong SAR	148	141	3.4	24.0	72.6	1.1	0.0	3.2	558.2	562.1	553.6	549.3	.	581.9
Hungary	244	237	39.6	19.4	41.1	1.1	0.0	1.6	547.7	542.4	536.1	588.9	.	516.4
Indonesia	293	293	8.7	42.2	49.2	0.0	0.0	0.0	393.2	393.7	399.8	.	.	.
Iran, Islamic Rep. of	291	287	5.8	89.1	5.1	0.0	0.0	1.1	414.6	423.5	389.6	.	.	400.0
Ireland	214	211	14.5	40.5	45.0	0.0	0.0	1.3	518.0	533.9	527.6	.	.	536.3
Italy	257	238	30.3	27.7	42.0	3.9	0.0	3.0	516.7	511.3	520.7	517.3	.	503.0
Japan	157	154	3.4	18.3	78.3	0.3	0.0	0.8	565.4	571.3	568.7	545.1	.	568.5
Kazakhstan	239	213	21.3	36.8	41.9	0.5	0.0	8.9	564.3	558.0	540.8	529.8	.	524.5
Korea, Rep. of	182	181	56.0	27.9	16.1	0.6	0.0	0.0	592.1	584.2	588.3	594.1	.	.
Kuwait	294	267	24.8	36.0	39.2	7.9	0.0	3.9	325.4	332.6	352.5	322.9	.	334.1
Lithuania	291	283	13.8	29.6	56.6	1.1	0.0	0.1	533.8	520.7	530.8	492.7	.	409.7
Morocco	367	308	6.5	24.7	68.8	6.0	0.0	8.6	370.0	332.0	356.1	338.6	.	373.1
Netherlands	223	164	4.9	22.2	72.9	21.4	0.0	2.3	502.3	516.6	518.3	516.1	.	526.0
New Zealand	461	421	23.1	20.8	56.1	2.5	0.0	6.8	515.6	511.0	499.4	494.2	.	509.4
Northern Ireland	154	131	12.0	12.5	75.5	17.4	0.0	0.0	512.8	514.0	523.2	514.8	.	.
Norway	227	173	5.1	35.8	59.1	16.9	0.0	6.5	541.8	540.5	537.0	532.2	.	540.9
Oman	357	341	80.8	7.9	11.3	0.6	0.0	3.8	437.0	392.6	412.7	399.2	.	441.3
Poland	254	248	1.0	25.2	73.8	0.0	0.0	1.9	553.6	543.3	548.8	.	.	534.4
Portugal	322	304	23.3	31.6	45.1	5.1	0.0	0.7	509.2	505.9	509.8	502.5	.	495.2
Qatar	227	215	12.0	25.3	62.6	0.0	0.0	4.9	409.0	459.0	432.3	.	.	436.0
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	179	16.6	77.2	6.2	0.5	0.0	4.2	392.1	391.8	384.1	351.8	.	371.4
Serbia	192	190	22.8	68.0	9.2	0.0	0.0	0.9	521.5	524.2	533.4	.	.	535.2
Singapore	358	350	15.2	24.7	60.1	1.5	0.0	1.0	582.3	602.8	588.0	598.2	.	546.9
Slovak Republic	328	324	33.4	46.1	20.4	1.1	0.0	0.3	527.3	521.5	505.7	549.3	.	519.9
Slovenia	256	239	3.6	82.8	13.6	5.4	0.0	0.7	530.4	545.5	533.2	533.3	.	524.3
Spain	393	358	7.5	32.2	60.3	4.1	0.0	1.9	533.4	519.5	515.3	519.3	.	525.6
Sweden	212	196	16.5	40.2	43.3	3.4	0.0	3.7	554.9	541.5	534.7	532.4	.	533.0
Turkey	251	249	6.1	91.6	2.4	0.0	0.0	0.7	477.5	484.3	445.4	.	.	545.9
United Arab Emirates	840	707	15.2	45.0	39.8	8.9	0.0	2.7	460.1	457.0	450.2	414.6	.	455.1
United States	492	410	14.8	37.4	47.7	12.7	0.0	4.0	548.4	541.6	546.3	547.0	.	564.0
International Avg (n=46)	13512	12212	16.5	33.2	50.3	4.4	0.0	2.6	504.1	504.2	501.9	500.8	.	498.9
Buenos Aires, Argentina	291	120	20.0	32.7	47.4	53.9	0.0	4.6	437.9	399.8	425.8	416.8	.	412.8
Ontario, Canada	275	233	21.4	4.8	73.8	7.5	0.0	6.8	532.6	516.3	531.2	515.7	.	540.9
Quebec, Canada	151	135	8.3	34.3	57.4	5.9	0.0	4.7	525.1	519.4	526.2	533.6	.	526.8
Norway (4)	223	178	4.9	4.2	91.0	12.4	0.0	5.5	489.0	483.5	493.9	491.7	.	492.1
Abu Dhabi, UAE	212	180	12.2	44.4	43.4	10.1	0.0	0.6	433.0	405.3	423.9	399.5	.	367.6
Dubai, UAE	290	239	17.7	43.4	39.0	8.1	0.0	4.1	522.5	534.9	514.4	442.3	.	522.0
Florida, US	120	90	8.9	55.1	36.0	20.6	0.0	2.9	559.3	554.4	543.6	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Chemical changes in everyday life  
 Location: TQS-05Bd (ATBS05BD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	412	19.2	27.3	53.6	8.8	0.0	3.8	528.7	526.4	526.9	499.5	.	499.0
Bahrain	345	332	23.3	54.1	22.6	2.5	0.0	1.9	474.9	457.2	444.7	427.2	.	514.1
Belgium (Flemish)	295	285	2.3	9.9	87.8	1.2	0.0	1.3	506.1	519.1	511.2	500.5	.	496.5
Bulgaria	233	226	9.1	39.1	51.8	0.0	0.0	2.1	528.5	537.4	536.2	.	.	524.3
Canada	699	614	9.1	11.5	79.4	7.0	0.0	4.8	520.6	524.8	524.4	524.3	.	537.4
Chile	180	156	8.6	19.2	72.2	6.9	0.0	5.0	475.7	463.6	482.8	473.8	.	468.9
Chinese Taipei	178	178	8.2	9.8	81.9	0.0	0.0	0.0	556.0	558.2	554.8	.	.	.
Croatia	223	220	11.4	24.0	64.6	1.5	0.0	0.0	529.3	538.6	532.3	531.0	.	.
Cyprus	242	228	5.7	8.0	86.3	1.1	0.0	4.6	467.0	482.9	480.9	494.5	.	499.7
Czech Republic	265	261	8.5	18.4	73.1	0.8	0.0	0.7	539.8	533.7	533.8	542.1	.	543.5
Denmark	196	159	10.3	21.5	68.2	12.8	0.0	4.1	512.8	518.5	532.5	528.1	.	514.3
England	214	174	20.4	41.7	37.9	15.0	0.0	1.1	540.8	540.1	535.3	522.3	.	519.5
Finland	341	324	10.7	14.1	75.2	4.3	0.0	0.4	553.4	555.9	553.4	557.1	.	537.5
France	273	251	6.0	5.4	88.6	5.7	0.0	2.9	480.4	492.0	488.3	472.7	.	497.2
Georgia	188	179	5.4	14.5	80.1	0.7	0.0	4.7	459.1	450.6	449.3	438.4	.	478.9
Germany	226	193	27.0	20.7	52.3	10.8	0.0	2.8	528.7	532.2	527.3	534.0	.	501.3
Hong Kong SAR	148	141	6.0	56.6	37.4	1.1	0.0	3.2	563.4	556.7	553.2	549.3	.	581.9
Hungary	244	237	33.2	16.3	50.5	1.1	0.0	1.6	539.5	533.3	546.2	588.9	.	516.4
Indonesia	293	288	7.9	39.1	53.0	0.0	0.0	1.2	385.8	393.3	400.0	.	.	429.3
Iran, Islamic Rep. of	291	286	12.6	21.2	66.2	0.0	0.0	1.9	404.1	403.6	428.9	.	.	453.2
Ireland	214	212	17.7	27.8	54.5	0.0	0.0	0.6	529.8	527.9	529.2	.	.	521.7
Italy	257	238	14.0	30.1	55.9	3.9	0.0	3.1	510.1	515.1	519.3	517.3	.	506.3
Japan	157	154	1.7	4.0	94.4	0.3	0.0	0.8	563.5	566.2	569.3	545.1	.	568.5
Kazakhstan	239	210	27.6	36.3	36.1	0.5	0.0	10.6	553.4	559.8	544.7	529.8	.	525.1
Korea, Rep. of	182	181	3.3	8.5	88.2	0.6	0.0	0.0	583.5	587.5	589.7	594.1	.	.
Kuwait	294	269	18.6	31.8	49.6	7.9	0.0	3.3	336.5	319.2	352.0	322.9	.	332.9
Lithuania	291	282	17.4	46.4	36.2	1.1	0.0	0.2	525.1	529.1	528.6	492.7	.	443.5
Morocco	367	311	3.8	7.5	88.6	6.0	0.0	8.4	320.2	369.8	350.0	338.6	.	380.7
Netherlands	223	164	5.1	30.4	64.6	21.4	0.0	1.7	511.1	518.4	516.9	516.1	.	533.0
New Zealand	461	420	25.6	27.6	46.8	2.5	0.0	6.1	514.2	508.4	498.9	494.2	.	511.2
Northern Ireland	154	129	26.6	15.7	57.8	17.4	0.0	1.3	521.4	515.4	522.8	514.8	.	492.3
Norway	227	172	9.3	44.1	46.6	16.9	0.0	6.9	548.7	539.3	535.7	532.2	.	540.6
Oman	357	336	29.5	12.3	58.2	0.6	0.0	4.9	432.2	423.3	433.6	399.2	.	416.3
Poland	254	248	0.9	25.4	73.6	0.0	0.0	2.0	593.9	547.5	547.1	.	.	524.0
Portugal	322	303	12.5	26.7	60.9	5.1	0.0	1.1	504.9	506.0	509.7	502.5	.	527.2
Qatar	227	214	17.6	25.9	56.5	0.0	0.0	5.8	409.5	454.3	436.3	.	.	436.2
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	177	25.2	69.9	4.9	0.5	0.0	5.2	397.1	390.9	377.1	351.8	.	367.9
Serbia	192	189	34.6	54.7	10.7	0.0	0.0	1.5	526.8	522.9	523.5	.	.	539.0
Singapore	358	350	3.5	5.3	91.2	1.5	0.0	1.0	573.7	587.5	591.6	598.2	.	546.9
Slovak Republic	328	322	38.2	40.8	21.0	1.1	0.0	0.6	520.6	520.6	520.7	549.3	.	447.2
Slovenia	256	239	3.9	30.0	66.1	5.4	0.0	0.7	551.8	542.3	543.2	533.3	.	524.3
Spain	393	355	8.2	22.8	69.0	4.1	0.0	3.3	518.5	517.1	518.3	519.3	.	521.1
Sweden	212	198	11.2	31.5	57.2	3.4	0.0	2.8	539.5	547.0	537.6	532.4	.	530.3
Turkey	251	249	5.9	72.2	21.9	0.0	0.0	0.7	449.2	485.3	484.4	.	.	545.9
United Arab Emirates	840	701	19.4	36.0	44.6	8.9	0.0	3.5	462.5	470.6	440.4	414.6	.	435.9
United States	492	410	12.1	41.2	46.7	12.7	0.0	3.9	553.8	546.4	541.6	547.0	.	560.0
International Avg (n=46)	13512	12177	13.9	27.8	58.4	4.4	0.0	2.8	503.2	505.1	504.5	500.8	.	497.5
Buenos Aires, Argentina	291	118	5.7	25.6	68.8	53.9	0.0	5.0	399.8	399.3	429.2	416.8	.	411.4
Ontario, Canada	275	233	11.3	10.7	78.0	7.9	0.0	6.5	538.2	529.2	529.3	520.1	.	543.5
Quebec, Canada	151	135	1.0	14.8	84.2	5.9	0.0	4.7	541.0	527.0	523.0	533.6	.	526.8
Norway (4)	223	178	13.5	30.5	56.0	12.4	0.0	5.6	496.1	488.1	495.0	491.7	.	495.2
Abu Dhabi, UAE	212	175	20.1	33.3	46.5	10.1	0.0	2.2	466.8	413.1	398.7	399.5	.	384.4
Dubai, UAE	290	240	17.8	43.9	38.3	8.1	0.0	4.0	501.3	543.7	513.9	442.3	.	521.6
Florida, US	120	90	6.6	76.7	16.7	20.6	0.0	2.9	582.5	552.3	532.4	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Common sources of energy and uses of energy  
 Location: TQS-05Be (ATBS05BE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	28.1	36.6	35.3	8.8	0.0	3.3	526.2	522.5	531.7	499.5	.	503.9
Bahrain	345	332	21.6	56.4	22.0	2.5	0.0	1.8	476.1	455.5	451.7	427.2	.	487.4
Belgium (Flemish)	295	284	2.7	68.7	28.6	1.2	0.0	2.8	475.9	512.0	512.1	500.5	.	531.4
Bulgaria	233	231	16.1	81.6	2.3	0.0	0.0	0.4	549.2	532.9	525.7	.	.	614.2
Canada	699	615	14.5	45.1	40.4	6.9	0.0	4.8	531.8	523.0	522.4	525.4	.	537.5
Chile	180	156	20.4	35.9	43.7	6.9	0.0	4.6	482.1	464.5	489.3	473.8	.	460.0
Chinese Taipei	178	178	23.1	56.3	20.6	0.0	0.0	0.0	562.8	553.9	550.7	.	.	.
Croatia	223	220	21.3	66.1	12.6	1.5	0.0	0.0	531.4	536.0	523.9	531.0	.	.
Cyprus	242	233	10.9	75.2	13.8	1.1	0.0	2.4	477.8	481.5	482.9	494.5	.	476.5
Czech Republic	265	261	17.8	48.3	33.9	0.8	0.0	0.5	540.1	537.6	526.6	542.1	.	529.1
Denmark	196	158	13.7	59.3	27.0	12.8	0.0	4.7	538.8	524.1	528.5	528.1	.	519.5
England	214	174	35.8	30.9	33.2	15.0	0.0	1.1	534.6	530.7	549.8	522.3	.	519.5
Finland	341	324	18.3	48.5	33.1	4.3	0.0	0.4	556.6	554.6	551.0	557.1	.	537.5
France	273	252	10.1	48.5	41.4	5.7	0.0	1.9	499.9	484.1	489.4	472.7	.	506.3
Georgia	188	180	13.0	55.0	32.0	0.7	0.0	3.0	450.6	452.8	449.5	438.4	.	447.1
Germany	226	192	25.5	45.0	29.5	10.8	0.0	3.2	532.5	528.4	525.0	534.0	.	510.4
Hong Kong SAR	148	141	21.2	53.8	25.0	1.1	0.0	3.2	552.4	555.7	558.8	549.3	.	581.9
Hungary	244	236	17.9	53.9	28.2	1.1	0.0	2.2	552.5	534.6	552.6	588.9	.	480.4
Indonesia	293	293	14.4	79.1	6.5	0.0	0.0	0.0	396.2	402.2	331.3	.	.	.
Iran, Islamic Rep. of	291	283	10.9	84.2	5.0	0.0	0.0	2.9	410.3	422.5	423.4	.	.	413.2
Ireland	214	208	28.9	65.6	5.5	0.0	0.0	2.4	531.9	527.9	522.2	.	.	533.9
Italy	257	238	13.1	48.2	38.8	3.9	0.0	3.6	508.4	514.7	521.1	517.3	.	517.9
Japan	157	154	8.2	40.4	51.4	0.3	0.0	0.8	573.6	568.0	569.2	545.1	.	568.5
Kazakhstan	239	214	32.7	47.5	19.8	0.5	0.0	8.7	552.0	559.0	537.7	529.8	.	519.8
Korea, Rep. of	182	181	8.5	27.7	63.9	0.6	0.0	0.0	584.8	587.6	590.6	594.1	.	.
Kuwait	294	265	35.7	51.8	12.5	7.9	0.0	4.8	322.6	344.0	360.8	322.9	.	338.5
Lithuania	291	284	33.9	55.7	10.4	1.1	0.0	0.1	527.4	526.2	541.0	492.7	.	386.4
Morocco	367	308	13.6	32.9	53.5	6.0	0.0	9.2	333.5	345.5	358.1	338.6	.	376.0
Netherlands	223	165	6.0	68.1	25.9	21.4	0.0	1.5	522.1	521.3	504.7	516.1	.	537.6
New Zealand	461	422	31.4	38.1	30.5	2.5	0.0	6.0	509.9	511.7	492.5	494.2	.	513.7
Northern Ireland	154	130	33.9	39.6	26.4	17.4	0.0	0.6	525.3	525.5	508.9	514.8	.	488.5
Norway	227	174	26.4	26.4	47.2	16.9	0.0	6.2	541.0	535.2	539.2	532.2	.	539.6
Oman	357	339	16.7	76.4	6.9	0.6	0.0	3.8	420.1	436.3	395.5	399.2	.	441.6
Poland	254	246	1.8	8.4	89.9	0.0	0.0	3.1	546.0	549.2	547.6	.	.	531.3
Portugal	322	305	35.0	37.2	27.8	5.1	0.0	0.6	509.3	507.6	508.5	502.5	.	498.2
Qatar	227	215	28.0	36.1	36.0	0.0	0.0	5.2	439.7	440.6	428.0	.	.	444.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	33.8	54.3	11.9	0.5	0.0	3.9	402.8	382.9	387.5	351.8	.	398.6
Serbia	192	190	39.7	59.6	0.6	0.0	0.0	0.9	525.2	523.7	544.3	.	.	535.2
Singapore	358	350	3.5	63.9	32.5	1.5	0.0	1.0	584.7	586.4	600.1	598.2	.	546.9
Slovak Republic	328	324	17.5	80.5	2.0	1.1	0.0	0.3	531.1	517.9	515.5	549.3	.	519.9
Slovenia	256	239	3.8	80.8	15.4	5.4	0.0	0.7	548.5	543.8	539.2	533.3	.	524.3
Spain	393	359	19.9	63.5	16.6	4.1	0.0	1.8	515.6	518.4	519.4	519.3	.	524.9
Sweden	212	195	7.9	52.2	39.9	3.4	0.0	3.6	544.6	543.6	535.8	532.4	.	537.9
Turkey	251	247	12.7	73.6	13.7	0.0	0.0	1.4	485.0	480.8	495.6	.	.	484.7
United Arab Emirates	840	710	23.8	54.0	22.3	8.9	0.0	2.7	458.5	451.3	455.7	414.6	.	481.3
United States	492	411	12.3	69.6	18.1	12.7	0.0	3.8	552.3	543.9	544.0	547.0	.	563.6
International Avg (n=46)	13512	12210	19.3	53.9	26.8	4.4	0.0	2.6	505.9	504.4	503.0	500.8	.	500.2
Buenos Aires, Argentina	291	117	7.6	49.5	42.9	53.9	0.0	5.7	407.1	418.1	428.8	416.8	.	399.0
Ontario, Canada	275	233	19.6	36.6	43.9	8.3	0.0	6.9	536.7	525.9	531.7	520.3	.	540.2
Quebec, Canada	151	136	10.8	47.5	41.8	5.9	0.0	3.6	526.5	529.6	515.8	533.6	.	535.7
Norway (4)	223	180	25.4	18.2	56.5	12.4	0.0	4.9	494.7	493.0	492.8	491.7	.	491.0
Abu Dhabi, UAE	212	182	24.7	56.0	19.3	10.1	0.0	0.0	455.2	391.7	438.3	399.5	.	437.1
Dubai, UAE	290	240	17.2	60.6	22.2	8.1	0.0	4.7	514.2	527.2	523.6	442.3	.	532.9
Florida, US	120	90	11.2	83.9	5.0	20.6	0.0	2.9	538.2	554.0	528.5	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Light and sound in everyday life  
 Location: TQS-05Bf (ATBS05BF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	416	29.7	19.9	50.4	8.8	0.0	2.8	530.9	513.6	529.1	499.5	.	506.5
Bahrain	345	329	20.8	37.2	41.9	2.5	0.0	2.9	474.9	456.2	454.4	427.2	.	468.5
Belgium (Flemish)	295	287	3.8	34.2	62.1	1.2	0.0	0.8	498.2	511.9	512.5	500.5	.	499.4
Bulgaria	233	229	3.8	66.3	29.9	0.0	0.0	1.8	528.8	532.3	539.4	.	.	612.2
Canada	699	618	8.2	64.9	26.9	6.7	0.0	4.0	531.8	524.7	520.6	522.8	.	542.0
Chile	180	158	54.6	22.1	23.3	6.9	0.0	3.3	489.9	457.6	472.0	473.8	.	462.6
Chinese Taipei	178	178	19.4	57.5	23.2	0.0	0.0	0.0	562.8	554.1	551.9	.	.	.
Croatia	223	220	9.3	19.0	71.7	1.5	0.0	0.0	536.2	529.2	534.3	531.0	.	.
Cyprus	242	234	7.2	70.8	22.1	1.1	0.0	2.2	488.9	479.2	485.2	494.5	.	478.8
Czech Republic	265	261	4.4	3.3	92.2	0.8	0.0	1.2	552.7	525.0	533.8	542.1	.	533.9
Denmark	196	158	15.7	23.8	60.5	12.8	0.0	4.5	528.2	525.3	528.7	528.1	.	509.6
England	214	174	51.6	23.4	25.0	15.0	0.0	0.9	538.9	536.3	538.6	522.3	.	535.5
Finland	341	325	10.3	60.2	29.5	4.3	0.0	0.2	561.8	552.7	553.1	557.1	.	504.0
France	273	249	20.0	21.4	58.7	5.7	0.0	3.0	491.4	492.4	485.3	472.7	.	495.9
Georgia	188	181	10.0	79.0	11.0	0.7	0.0	3.1	467.6	448.5	459.1	438.4	.	444.0
Germany	226	190	32.0	10.4	57.5	10.8	0.0	4.2	527.4	533.9	528.4	534.0	.	510.1
Hong Kong SAR	148	141	13.1	31.6	55.3	1.1	0.0	3.2	557.5	559.4	553.3	549.3	.	581.9
Hungary	244	236	16.7	10.8	72.5	1.1	0.0	1.8	551.2	522.4	542.8	588.9	.	512.6
Indonesia	293	291	13.4	74.7	11.9	0.0	0.0	0.6	390.6	397.0	401.7	.	.	384.9
Iran, Islamic Rep. of	291	279	35.8	40.9	23.3	0.0	0.0	4.3	418.5	413.8	431.1	.	.	454.8
Ireland	214	212	26.1	55.1	18.7	0.0	0.0	0.6	532.5	528.2	525.0	.	.	554.7
Italy	257	238	5.3	11.1	83.5	3.9	0.0	3.5	515.8	501.4	519.3	517.3	.	499.0
Japan	157	152	27.4	8.7	63.9	0.3	0.0	2.1	568.7	577.4	568.4	545.1	.	561.9
Kazakhstan	239	212	28.5	27.8	43.7	0.5	0.0	9.6	554.2	546.7	554.4	529.8	.	525.8
Korea, Rep. of	182	181	26.7	58.0	15.3	0.6	0.0	0.0	592.0	588.2	588.6	594.1	.	.
Kuwait	294	266	35.5	46.8	17.7	7.9	0.0	3.9	333.6	328.2	377.4	322.9	.	329.1
Lithuania	291	283	31.3	36.4	32.3	1.1	0.0	0.1	523.8	525.8	535.2	492.7	.	409.7
Morocco	367	310	60.7	12.3	27.0	6.0	0.0	9.2	357.9	341.8	342.3	338.6	.	365.3
Netherlands	223	164	10.4	44.2	45.4	21.4	0.0	1.9	532.9	515.3	515.3	516.1	.	530.5
New Zealand	461	423	36.9	18.9	44.2	2.5	0.0	5.9	513.9	500.8	499.8	494.2	.	515.3
Northern Ireland	154	130	30.7	25.7	43.6	17.4	0.0	0.6	522.0	532.6	513.5	514.8	.	488.5
Norway	227	171	20.4	13.4	66.2	16.9	0.0	7.1	543.2	538.4	537.1	532.2	.	540.6
Oman	357	337	80.1	8.1	11.8	0.6	0.0	4.6	433.9	420.0	416.4	399.2	.	440.0
Poland	254	248	0.6	3.6	95.8	0.0	0.0	2.5	562.5	538.9	547.8	.	.	532.6
Portugal	322	304	29.9	20.5	49.6	5.1	0.0	0.7	508.9	503.6	510.3	502.5	.	493.6
Qatar	227	217	21.2	51.3	27.5	0.0	0.0	4.5	439.9	425.5	454.4	.	.	431.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	179	37.2	42.1	20.7	0.5	0.0	4.4	405.7	383.7	377.9	351.8	.	386.3
Serbia	192	190	26.8	58.8	14.4	0.0	0.0	0.9	521.8	526.9	519.3	.	.	535.2
Singapore	358	350	2.3	86.7	11.0	1.5	0.0	1.0	586.8	588.9	606.5	598.2	.	546.9
Slovak Republic	328	324	15.1	66.9	18.1	1.1	0.0	0.3	539.5	514.1	526.6	549.3	.	519.9
Slovenia	256	239	11.9	43.0	45.2	5.4	0.0	0.7	548.0	541.0	544.1	533.3	.	524.3
Spain	393	356	10.1	41.0	48.9	4.1	0.0	2.4	516.8	519.3	517.2	519.3	.	522.8
Sweden	212	198	6.5	15.9	77.6	3.4	0.0	2.8	553.4	540.2	539.8	532.4	.	530.3
Turkey	251	247	8.4	87.8	3.8	0.0	0.0	1.4	463.5	487.5	439.0	.	.	470.0
United Arab Emirates	840	703	16.7	47.4	35.9	8.9	0.0	3.4	477.9	427.3	480.5	414.6	.	453.3
United States	492	410	20.9	40.3	38.8	12.7	0.0	3.9	543.5	546.0	544.7	547.0	.	562.6
International Avg (n=46)	13512	12198	21.9	37.9	40.2	4.4	0.0	2.7	509.1	501.2	505.6	500.7	.	495.5
Buenos Aires, Argentina	291	117	3.5	19.2	77.2	53.9	0.0	5.3	409.8	405.2	425.0	416.8	.	406.5
Ontario, Canada	275	238	4.5	77.3	18.2	7.2	0.0	6.0	529.2	530.6	530.8	516.1	.	544.7
Quebec, Canada	151	136	15.2	26.8	58.0	5.9	0.0	3.6	532.1	528.3	519.0	533.6	.	535.7
Norway (4)	223	178	33.9	10.1	56.0	12.4	0.0	5.5	496.5	500.5	490.1	491.7	.	491.9
Abu Dhabi, UAE	212	179	17.6	54.3	28.1	10.1	0.0	1.3	439.0	385.7	461.2	399.5	.	422.7
Dubai, UAE	290	239	16.6	38.8	44.6	8.1	0.0	4.8	538.5	504.0	538.2	442.3	.	517.3
Florida, US	120	90	12.1	68.0	19.9	20.6	0.0	2.9	527.2	559.1	537.5	542.1	.	531.0



Question: When students in this class have been taught each of the following science topics. Physical Science: Electricity and simple circuits  
 Location: TQS-05Bg (ATBS05Bg)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	9.4	10.6	80.0	8.8	0.0	3.4	526.5	507.2	528.6	499.5	.	520.6
Bahrain	345	331	26.9	26.7	46.4	2.5	0.0	2.0	479.0	451.3	452.4	427.2	.	475.3
Belgium (Flemish)	295	286	2.2	40.0	57.7	1.2	0.0	1.0	492.5	511.2	513.0	500.5	.	494.7
Bulgaria	233	228	3.9	29.5	66.6	0.0	0.0	1.0	537.4	535.8	535.2	.	.	561.4
Canada	699	621	6.6	9.3	84.1	6.4	0.0	4.5	527.5	524.8	523.9	523.5	.	538.4
Chile	180	157	13.8	11.9	74.3	6.9	0.0	4.3	471.9	464.7	482.4	473.8	.	461.1
Chinese Taipei	178	178	16.5	54.2	29.3	0.0	0.0	0.0	567.1	552.8	553.3	.	.	.
Croatia	223	220	3.8	5.0	91.2	1.5	0.0	0.0	527.0	535.8	533.6	531.0	.	.
Cyprus	242	234	2.8	78.3	18.9	1.1	0.0	2.2	484.0	482.7	474.5	494.5	.	478.8
Czech Republic	265	262	0.0	2.5	97.5	0.8	0.0	0.2	.	521.4	534.7	542.1	.	500.8
Denmark	196	160	25.5	31.4	43.1	12.8	0.0	3.6	529.2	519.6	531.8	528.1	.	516.8
England	214	174	55.2	22.8	22.0	15.0	0.0	1.5	543.7	526.9	537.5	522.3	.	522.0
Finland	341	324	11.2	42.7	46.0	4.3	0.0	0.4	557.0	553.4	553.3	557.1	.	537.5
France	273	248	22.1	34.9	43.0	5.7	0.0	3.3	493.5	489.7	484.3	472.7	.	490.3
Georgia	188	179	3.0	18.0	79.0	0.7	0.0	4.0	447.8	446.0	453.3	438.4	.	439.5
Germany	226	193	26.7	32.0	41.3	10.8	0.0	2.8	538.6	528.6	521.4	534.0	.	512.4
Hong Kong SAR	148	141	4.3	10.1	85.7	1.1	0.0	3.2	557.1	557.3	555.5	549.3	.	581.9
Hungary	244	236	1.9	0.6	97.5	1.1	0.0	1.8	547.8	526.2	541.7	588.9	.	530.5
Indonesia	293	291	7.3	48.2	44.5	0.0	0.0	0.5	395.7	393.3	400.1	.	.	433.7
Iran, Islamic Rep. of	291	287	2.0	95.9	2.1	0.0	0.0	1.2	374.4	422.1	375.3	.	.	492.3
Ireland	214	213	20.0	45.7	34.4	0.0	0.0	0.2	528.9	529.9	527.3	.	.	557.2
Italy	257	242	1.5	5.3	93.2	3.9	0.0	1.7	515.8	498.3	517.8	517.3	.	501.7
Japan	157	154	15.0	69.2	15.8	0.3	0.0	0.8	575.2	567.6	569.8	545.1	.	568.5
Kazakhstan	239	213	13.4	25.9	60.7	0.5	0.0	8.9	572.0	558.9	545.8	529.8	.	518.8
Korea, Rep. of	182	181	2.8	5.4	91.8	0.6	0.0	0.0	608.3	584.3	589.0	594.1	.	.
Kuwait	294	268	29.3	55.6	15.1	7.9	0.0	3.4	324.7	338.0	367.3	322.9	.	335.6
Lithuania	291	283	12.8	49.8	37.4	1.1	0.0	0.2	500.8	526.2	540.3	492.7	.	429.5
Morocco	367	316	23.6	60.8	15.6	6.0	0.0	7.3	359.8	352.7	329.4	338.6	.	380.9
Netherlands	223	164	3.2	32.9	63.8	21.4	0.0	1.9	526.9	518.8	515.7	516.1	.	530.5
New Zealand	461	421	22.1	21.9	56.0	2.5	0.0	7.0	505.1	509.7	504.2	494.2	.	508.8
Northern Ireland	154	130	35.1	24.2	40.8	17.4	0.0	0.6	521.2	522.7	520.0	514.8	.	488.5
Norway	227	173	6.5	15.7	77.8	16.9	0.0	6.5	535.7	544.4	537.5	532.2	.	540.9
Oman	357	343	14.5	75.9	9.5	0.6	0.0	3.2	430.4	432.8	414.6	399.2	.	443.4
Poland	254	246	0.6	0.3	99.1	0.0	0.0	3.1	562.5	610.0	547.4	.	.	531.3
Portugal	322	304	12.2	27.8	60.0	5.1	0.0	0.9	505.4	506.8	510.0	502.5	.	491.4
Qatar	227	216	23.2	18.3	58.5	0.0	0.0	5.0	439.1	410.0	444.0	.	.	428.6
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	181	15.6	69.5	14.9	0.5	0.0	3.3	393.8	392.5	377.8	351.8	.	391.7
Serbia	192	190	37.6	53.5	8.9	0.0	0.0	0.9	523.7	526.6	514.2	.	.	535.2
Singapore	358	349	2.9	8.9	88.2	1.5	0.0	1.3	566.4	578.3	592.8	598.2	.	563.9
Slovak Republic	328	324	20.7	71.7	7.6	1.1	0.0	0.3	532.4	518.3	505.2	549.3	.	519.9
Slovenia	256	238	0.2	84.7	15.0	5.4	0.0	1.4	556.0	544.3	535.5	533.3	.	551.2
Spain	393	355	4.0	21.9	74.2	4.1	0.0	2.8	533.2	514.3	518.8	519.3	.	509.3
Sweden	212	198	9.8	28.7	61.6	3.4	0.0	2.8	527.5	544.5	541.1	532.4	.	530.3
Turkey	251	248	3.5	21.3	75.2	0.0	0.0	1.2	459.6	482.3	484.6	.	.	496.2
United Arab Emirates	840	709	18.4	36.7	44.9	8.9	0.0	2.6	487.0	433.0	459.7	414.6	.	450.4
United States	492	411	5.9	69.6	24.6	12.7	0.0	4.0	546.3	545.5	542.0	547.0	.	567.3
International Avg (n=46)	13512	12234	13.0	34.9	52.1	4.4	0.0	2.4	505.2	503.1	503.0	500.8	.	499.0
Buenos Aires, Argentina	291	119	5.3	55.7	39.0	53.9	0.0	4.9	429.1	410.2	433.4	416.8	.	408.5
Ontario, Canada	275	236	6.9	10.8	82.3	7.2	0.0	6.9	537.9	528.3	530.5	516.1	.	539.6
Quebec, Canada	151	136	5.4	11.1	83.5	5.9	0.0	3.6	553.7	519.3	522.1	533.6	.	535.7
Norway (4)	223	178	5.2	4.0	90.8	12.4	0.0	5.6	481.6	497.0	493.7	491.7	.	492.4
Abu Dhabi, UAE	212	181	23.1	35.6	41.3	10.1	0.0	0.5	445.2	394.9	419.0	399.5	.	415.9
Dubai, UAE	290	241	24.9	25.9	49.2	8.1	0.0	3.5	545.9	508.2	523.0	442.3	.	517.5
Florida, US	120	89	11.7	42.2	46.2	20.6	0.0	4.0	511.5	559.2	551.1	542.1	.	556.6

Question: When students in this class have been taught each of the following science topics. Physical Science: Properties of magnets  
 Location: TQS-05Bh (ATBS05BH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	416	18.7	28.1	53.2	8.8	0.0	2.8	533.2	518.4	528.5	499.5	.	506.5
Bahrain	345	332	40.4	30.4	29.2	2.5	0.0	1.7	473.5	456.1	442.2	427.2	.	489.9
Belgium (Flemish)	295	286	11.3	13.1	75.7	1.2	0.0	1.1	512.0	503.9	513.1	500.5	.	497.3
Bulgaria	233	230	10.6	56.0	33.4	0.0	0.0	0.8	520.8	535.0	540.4	.	.	593.1
Canada	699	619	41.8	11.3	46.9	6.4	0.0	4.7	524.0	519.2	525.3	523.5	.	540.3
Chile	180	156	9.3	56.8	33.8	6.9	0.0	4.9	483.9	487.8	462.2	473.8	.	464.7
Chinese Taipei	178	177	60.2	17.9	21.9	0.0	0.0	0.6	558.0	553.6	550.4	.	.	510.8
Croatia	223	220	20.9	9.0	70.1	1.5	0.0	0.0	527.5	529.7	535.7	531.0	.	.
Cyprus	242	229	48.9	8.6	42.5	1.1	0.0	4.1	486.8	471.6	476.9	494.5	.	477.9
Czech Republic	265	262	7.2	27.6	65.2	0.8	0.0	0.2	526.2	538.6	533.5	542.1	.	500.8
Denmark	196	158	35.5	18.1	46.4	12.8	0.0	4.4	530.3	526.4	525.8	528.1	.	515.1
England	214	175	59.8	21.8	18.4	15.0	0.0	0.7	538.8	542.0	531.4	522.3	.	543.2
Finland	341	324	23.1	21.0	55.9	4.3	0.0	0.4	554.0	554.3	553.5	557.1	.	537.5
France	273	248	19.9	7.4	72.7	5.7	0.0	4.4	480.2	492.8	489.8	472.7	.	491.7
Georgia	188	182	3.9	94.4	1.8	0.7	0.0	2.5	455.3	451.3	458.7	438.4	.	443.8
Germany	226	190	41.5	16.3	42.2	10.8	0.0	4.0	536.0	529.7	522.1	534.0	.	499.8
Hong Kong SAR	148	141	22.7	9.0	68.3	1.1	0.0	3.2	550.5	573.6	555.2	549.3	.	581.9
Hungary	244	236	69.2	16.3	14.5	1.1	0.0	2.4	542.5	551.4	529.7	588.9	.	516.2
Indonesia	293	292	9.2	47.8	43.0	0.0	0.0	0.2	386.1	397.3	397.7	.	.	498.8
Iran, Islamic Rep. of	291	285	7.6	91.3	1.1	0.0	0.0	1.9	423.1	419.9	344.5	.	.	509.8
Ireland	214	213	36.9	47.8	15.3	0.0	0.0	0.2	536.3	522.3	531.0	.	.	557.2
Italy	257	241	0.8	6.0	93.2	3.9	0.0	2.1	523.4	507.7	517.7	517.3	.	487.4
Japan	157	154	83.7	9.8	6.5	0.3	0.0	0.8	570.5	564.5	557.5	545.1	.	568.5
Kazakhstan	239	214	16.5	35.5	48.0	0.5	0.0	8.7	563.8	564.7	539.6	529.8	.	519.8
Korea, Rep. of	182	181	57.3	15.5	27.2	0.6	0.0	0.0	592.9	585.1	584.0	594.1	.	.
Kuwait	294	268	40.2	48.0	11.8	7.9	0.0	3.4	324.8	338.9	387.6	322.9	.	324.4
Lithuania	291	283	35.3	29.7	35.0	1.1	0.0	0.1	530.6	527.4	526.4	492.7	.	409.7
Morocco	367	316	14.9	7.1	78.0	6.0	0.0	7.3	341.6	362.4	351.4	338.6	.	380.9
Netherlands	223	165	13.0	15.0	72.0	21.4	0.0	1.5	515.7	508.2	519.1	516.1	.	537.6
New Zealand	461	423	31.7	14.3	53.9	2.5	0.0	5.7	512.6	508.2	500.4	494.2	.	512.7
Northern Ireland	154	130	21.5	5.9	72.6	17.4	0.0	0.6	522.5	520.3	520.7	514.8	.	488.5
Norway	227	172	5.2	63.7	31.2	16.9	0.0	6.9	548.8	539.6	534.4	532.2	.	541.3
Oman	357	342	81.2	9.1	9.8	0.6	0.0	3.5	435.9	410.1	409.1	399.2	.	435.8
Poland	254	245	0.9	4.1	94.9	0.0	0.0	3.0	582.1	550.9	547.2	.	.	532.0
Portugal	322	305	47.1	23.7	29.1	5.1	0.0	0.6	510.6	505.7	507.1	502.5	.	498.2
Qatar	227	217	51.1	13.7	35.2	0.0	0.0	4.5	431.6	410.9	453.6	.	.	431.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	181	26.8	62.3	10.8	0.5	0.0	3.3	408.3	384.6	380.3	351.8	.	391.7
Serbia	192	189	43.9	54.4	1.6	0.0	0.0	0.9	524.8	524.3	517.1	.	.	535.3
Singapore	358	350	57.9	40.8	1.3	1.5	0.0	1.0	592.2	586.2	674.5	598.2	.	546.9
Slovak Republic	328	324	11.4	85.9	2.7	1.1	0.0	0.3	538.2	518.1	511.4	549.3	.	519.9
Slovenia	256	239	1.5	88.9	9.6	5.4	0.0	0.7	540.3	543.6	540.4	533.3	.	524.3
Spain	393	355	13.2	32.6	54.1	4.1	0.0	2.5	515.5	516.4	519.7	519.3	.	521.3
Sweden	212	197	7.2	19.1	73.7	3.4	0.0	3.1	526.5	545.0	541.3	532.4	.	527.0
Turkey	251	249	6.6	57.9	35.6	0.0	0.0	0.7	483.6	481.4	485.3	.	.	545.9
United Arab Emirates	840	707	31.3	32.4	36.2	8.9	0.0	2.6	458.8	439.7	464.1	414.6	.	463.8
United States	492	411	15.4	62.6	22.0	12.7	0.0	3.8	547.1	547.4	536.4	547.0	.	563.6
International Avg (n=46)	13512	12229	28.6	32.4	39.1	4.4	0.0	2.4	507.0	503.6	503.8	500.8	.	501.9
Buenos Aires, Argentina	291	119	5.3	64.5	30.2	53.9	0.0	4.9	439.1	411.7	435.3	416.8	.	408.5
Ontario, Canada	275	234	49.7	7.3	42.9	7.2	0.0	7.3	529.3	507.0	536.0	516.1	.	542.0
Quebec, Canada	151	136	14.4	27.0	58.5	5.9	0.0	3.6	526.4	523.4	522.8	533.6	.	535.7
Norway (4)	223	179	9.1	6.0	84.8	12.4	0.0	5.6	490.5	519.2	491.9	491.7	.	489.6
Abu Dhabi, UAE	212	181	34.7	32.5	32.8	10.1	0.0	0.1	423.3	406.8	419.0	399.5	.	353.4
Dubai, UAE	290	239	37.7	22.2	40.1	8.1	0.0	4.2	529.3	512.2	527.3	442.3	.	522.6
Florida, US	120	90	7.0	72.4	20.6	20.6	0.0	2.9	512.9	555.7	547.3	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Physical Science: Forces that cause objects to move  
 Location: TQS-05Bi (ATBS05Bi)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	416	23.4	56.3	20.3	8.8	0.0	3.3	527.5	526.2	527.5	499.5	.	503.9
Bahrain	345	333	24.1	54.4	21.5	2.5	0.0	1.5	466.5	463.3	440.7	427.2	.	486.4
Belgium (Flemish)	295	284	1.9	12.2	85.9	1.2	0.0	1.8	513.3	513.9	511.6	500.5	.	496.6
Bulgaria	233	231	4.8	85.5	9.7	0.0	0.0	0.4	535.2	538.2	510.7	.	.	614.2
Canada	699	620	24.5	37.2	38.2	6.6	0.0	4.4	517.9	530.1	522.0	524.2	.	540.6
Chile	180	159	10.2	69.8	20.0	6.9	0.0	2.6	467.2	483.3	468.9	473.8	.	450.7
Chinese Taipei	178	178	23.5	35.7	40.8	0.0	0.0	0.0	562.4	552.1	554.0	.	.	.
Croatia	223	220	2.5	6.5	91.1	1.5	0.0	0.0	530.0	525.6	534.1	531.0	.	.
Cyprus	242	227	20.6	13.7	65.7	1.1	0.0	5.0	490.5	472.6	478.3	494.5	.	502.2
Czech Republic	265	261	1.6	17.1	81.3	0.8	0.0	0.6	509.6	540.8	533.4	542.1	.	546.1
Denmark	196	158	21.6	29.6	48.8	12.8	0.0	4.5	522.9	529.1	528.7	528.1	.	513.2
England	214	175	22.1	63.9	14.0	15.0	0.0	0.7	537.7	537.6	541.3	522.3	.	543.2
Finland	341	324	19.0	19.8	61.1	4.3	0.0	0.4	559.2	554.2	551.9	557.1	.	537.5
France	273	251	2.2	12.2	85.6	5.7	0.0	2.4	507.0	484.7	488.3	472.7	.	488.8
Georgia	188	179	30.9	33.9	35.2	0.7	0.0	4.1	447.6	445.9	461.1	438.4	.	441.1
Germany	226	190	23.6	16.6	59.8	10.8	0.0	4.0	533.0	530.9	527.1	534.0	.	499.8
Hong Kong SAR	148	141	10.9	14.5	74.6	1.1	0.0	3.2	564.9	556.2	554.4	549.3	.	581.9
Hungary	244	237	5.5	5.9	88.6	1.1	0.0	1.6	537.0	538.1	542.4	588.9	.	516.4
Indonesia	293	293	14.6	80.5	4.9	0.0	0.0	0.0	383.5	399.6	387.7	.	.	.
Iran, Islamic Rep. of	291	287	41.4	23.9	34.7	0.0	0.0	0.8	428.9	408.5	419.2	.	.	465.0
Ireland	214	213	23.3	64.7	12.0	0.0	0.0	0.2	532.0	528.7	523.1	.	.	557.2
Italy	257	242	2.0	9.8	88.3	3.9	0.0	1.7	517.1	512.6	517.2	517.3	.	501.7
Japan	157	154	4.6	5.9	89.5	0.3	0.0	0.8	569.8	571.9	568.9	545.1	.	568.5
Kazakhstan	239	213	16.4	27.5	56.1	0.5	0.0	8.9	561.4	566.5	543.3	529.8	.	519.2
Korea, Rep. of	182	181	6.2	28.5	65.3	0.6	0.0	0.0	591.1	585.7	590.7	594.1	.	.
Kuwait	294	268	38.5	53.7	7.8	7.9	0.0	3.4	324.4	341.9	390.6	322.9	.	324.4
Lithuania	291	283	12.7	25.8	61.5	1.1	0.0	0.1	526.3	532.0	527.0	492.7	.	409.7
Morocco	367	316	5.0	6.5	88.5	6.0	0.0	7.3	323.1	330.1	353.8	338.6	.	380.9
Netherlands	223	162	5.4	26.1	68.5	21.4	0.0	2.8	503.0	510.0	521.0	516.1	.	524.2
New Zealand	461	424	33.1	25.1	41.9	2.5	0.0	5.4	511.8	509.1	498.5	494.2	.	510.7
Northern Ireland	154	130	25.6	32.1	42.3	17.4	0.0	0.6	528.8	521.8	515.8	514.8	.	488.5
Norway	227	173	8.6	40.4	51.0	16.9	0.0	6.5	543.3	539.2	537.3	532.2	.	539.5
Oman	357	337	35.4	28.4	36.2	0.6	0.0	5.3	426.1	432.5	435.3	399.2	.	429.4
Poland	254	248	1.4	2.1	96.5	0.0	0.0	2.5	543.4	547.0	547.6	.	.	532.6
Portugal	322	302	31.3	23.7	45.0	5.1	0.0	1.2	509.5	505.3	509.4	502.5	.	500.9
Qatar	227	217	44.8	19.6	35.6	0.0	0.0	4.5	422.2	461.8	440.5	.	.	431.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	181	30.1	65.4	4.5	0.5	0.0	3.3	406.1	386.1	350.2	351.8	.	391.7
Serbia	192	186	29.8	49.8	20.4	0.0	0.0	2.6	514.0	532.0	523.0	.	.	513.2
Singapore	358	350	5.7	7.4	86.9	1.5	0.0	1.0	577.2	597.3	591.1	598.2	.	546.9
Slovak Republic	328	324	12.3	86.3	1.4	1.1	0.0	0.3	520.8	520.0	525.5	549.3	.	519.9
Slovenia	256	239	4.3	68.4	27.3	5.4	0.0	0.7	549.5	543.2	542.4	533.3	.	524.3
Spain	393	358	15.1	50.3	34.7	4.1	0.0	2.6	518.9	519.6	515.5	519.3	.	522.0
Sweden	212	198	15.7	21.1	63.2	3.4	0.0	2.8	546.7	537.5	540.4	532.4	.	530.3
Turkey	251	249	7.5	88.0	4.5	0.0	0.0	0.7	491.2	481.8	490.6	.	.	545.9
United Arab Emirates	840	708	30.8	53.1	16.1	8.9	0.0	2.6	457.9	458.9	433.5	414.6	.	464.9
United States	492	411	17.1	58.6	24.3	12.7	0.0	3.8	550.6	546.8	536.5	547.0	.	563.6
International Avg (n=46)	13512	12231	17.2	36.0	46.8	4.4	0.0	2.5	504.5	505.4	503.3	500.8	.	501.6
Buenos Aires, Argentina	291	118	6.6	41.8	51.6	53.9	0.0	5.3	395.2	414.8	428.1	416.8	.	408.7
Ontario, Canada	275	235	39.3	28.3	32.4	7.6	0.0	6.8	526.7	531.2	534.6	517.8	.	542.5
Quebec, Canada	151	136	5.2	47.3	47.5	5.9	0.0	3.6	526.4	532.3	514.3	533.6	.	535.7
Norway (4)	223	179	9.9	23.2	66.9	12.4	0.0	5.2	496.0	491.6	493.3	491.7	.	493.2
Abu Dhabi, UAE	212	182	31.1	49.9	19.0	10.1	0.0	0.0	429.3	415.1	398.8	399.5	.	437.1
Dubai, UAE	290	239	35.3	47.6	17.1	8.1	0.0	4.4	521.3	538.5	493.9	442.3	.	520.0
Florida, US	120	90	14.1	64.1	21.7	20.6	0.0	2.9	533.7	556.3	546.5	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Common features of the Earth's landscape  
 and their relationship to human use  
 Location: TQS-05Ca (ATBS05CA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	21.0	46.5	32.5	8.8	0.0	3.5	530.0	525.7	525.0	499.5	.	514.4
Bahrain	345	329	24.3	23.6	52.1	2.5	0.0	2.7	457.5	440.0	467.8	427.2	.	491.0
Belgium (Flemish)	295	284	3.5	23.2	73.3	1.2	0.0	1.7	509.0	508.9	513.0	500.5	.	497.7
Bulgaria	223	223	33.6	47.7	18.7	0.0	0.0	4.6	532.3	536.4	533.6	.	.	560.3
Canada	699	622	17.7	47.6	34.6	6.4	0.0	4.2	520.6	528.6	519.6	523.5	.	542.5
Chile	180	159	32.3	47.5	20.2	6.9	0.0	3.6	472.1	477.4	491.9	473.8	.	462.8
Chinese Taipei	178	177	11.8	17.9	70.3	0.0	0.0	0.7	556.1	556.3	554.8	.	.	566.6
Croatia	223	220	42.0	51.3	6.7	1.5	0.0	0.0	532.6	534.6	530.1	531.0	.	.
Cyprus	242	233	32.0	20.2	47.8	1.1	0.0	2.4	478.1	476.5	483.2	494.5	.	519.1
Czech Republic	265	262	15.1	65.5	19.4	0.8	0.0	0.2	536.5	533.7	534.8	542.1	.	500.8
Denmark	196	160	10.8	44.2	45.0	12.8	0.0	4.0	526.8	524.8	528.9	528.1	.	527.4
England	214	175	27.6	35.8	36.6	15.0	0.0	0.7	544.4	532.9	538.7	522.3	.	543.2
Finland	341	323	24.3	33.4	42.3	4.3	0.0	0.8	554.3	554.5	553.0	557.1	.	536.7
France	273	250	30.2	49.7	20.1	5.7	0.0	2.8	489.0	488.5	486.5	472.7	.	490.0
Georgia	188	181	27.3	54.4	18.3	0.7	0.0	3.3	451.9	449.9	454.5	438.4	.	452.2
Germany	226	193	12.6	43.5	43.9	10.8	0.0	3.1	531.0	531.8	524.5	534.0	.	507.9
Hong Kong SAR	148	141	8.4	69.2	22.4	1.1	0.0	3.9	561.7	551.3	564.1	549.3	.	595.3
Hungary	244	236	36.6	60.7	2.7	1.1	0.0	2.2	546.9	540.4	543.0	588.9	.	480.4
Indonesia	293	292	18.6	65.0	16.4	0.2	0.0	0.0	396.3	400.7	381.6	356.0	.	.
Iran, Islamic Rep. of	291	287	17.4	65.7	16.8	0.0	0.0	0.7	417.9	415.7	445.9	.	.	401.1
Ireland	214	212	17.5	59.0	23.5	0.0	0.0	0.7	525.0	528.3	532.8	.	.	547.3
Italy	257	234	30.2	51.6	18.2	3.9	0.0	4.5	512.1	518.0	521.4	517.3	.	508.2
Japan	157	151	1.5	9.1	89.4	0.3	0.0	2.7	577.0	573.2	568.4	545.1	.	573.4
Kazakhstan	239	216	42.8	49.4	7.8	0.5	0.0	8.2	551.7	556.3	530.5	529.8	.	519.8
Korea, Rep. of	182	181	8.8	74.4	16.8	0.6	0.0	0.0	596.0	588.4	589.8	594.1	.	.
Kuwait	294	268	34.7	54.9	10.4	7.9	0.0	3.4	325.0	342.2	373.8	322.9	.	310.5
Lithuania	291	282	43.9	36.5	19.6	1.1	0.0	0.5	526.7	527.7	532.7	492.7	.	485.6
Morocco	367	312	9.6	15.3	75.1	6.0	0.0	9.1	391.4	351.2	347.4	338.6	.	361.7
Netherlands	223	165	6.0	50.6	43.5	21.4	0.0	2.4	514.7	521.7	512.6	516.1	.	520.6
New Zealand	461	424	24.6	24.8	50.6	2.5	0.0	5.2	513.4	511.7	499.2	494.2	.	506.4
Northern Ireland	154	131	27.5	38.1	34.4	17.4	0.0	0.0	523.4	513.5	526.8	514.8	.	.
Norway	227	173	29.8	40.7	29.5	16.9	0.0	6.5	542.1	536.7	537.3	532.2	.	540.9
Oman	357	342	21.8	50.7	27.5	0.6	0.0	3.3	426.2	430.9	434.5	399.2	.	439.5
Poland	254	243	5.6	34.3	60.2	0.0	0.0	4.7	553.7	548.2	546.6	.	.	539.9
Portugal	322	304	31.7	62.3	6.0	5.1	0.0	0.7	507.4	508.8	511.0	502.5	.	491.8
Qatar	227	219	19.6	26.2	54.2	0.0	0.0	3.6	442.8	457.0	421.8	.	.	466.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	42.1	30.9	27.0	0.5	0.0	2.6	397.3	381.7	388.8	351.8	.	402.8
Serbia	192	191	67.3	29.5	3.2	0.0	0.0	0.5	526.0	518.6	544.9	.	.	536.3
Singapore	358	350	1.5	0.9	97.5	1.5	0.0	0.8	560.2	630.3	590.8	598.2	.	547.6
Slovak Republic	328	324	33.5	46.4	20.0	1.1	0.0	0.3	524.1	517.5	519.8	549.3	.	519.9
Slovenia	256	239	7.2	31.4	61.3	5.4	0.0	0.7	551.8	542.8	542.4	533.3	.	524.3
Spain	393	365	37.3	55.4	7.3	4.1	0.0	1.0	513.5	520.4	520.1	519.3	.	550.4
Sweden	212	202	10.3	42.4	47.3	3.4	0.0	1.2	546.7	543.2	537.4	532.4	.	510.6
Turkey	251	245	9.3	46.8	43.9	0.0	0.0	2.1	462.1	488.0	482.7	.	.	488.9
United Arab Emirates	840	706	26.9	41.5	31.6	8.8	0.0	2.8	444.5	456.3	460.1	414.4	.	470.9
United States	492	414	27.5	56.3	16.3	12.7	0.0	3.5	542.6	544.7	548.9	547.0	.	568.7
International Avg (n=46)	13512	12236	23.2	42.9	34.0	4.4	0.0	2.5	505.3	505.8	506.5	496.9	.	502.9
Buenos Aires, Argentina	291	119	11.7	50.8	37.4	53.9	0.0	5.1	417.6	426.5	410.7	416.8	.	415.0
Ontario, Canada	275	236	15.4	54.5	30.1	7.2	0.0	6.4	527.1	533.9	526.1	516.1	.	544.8
Quebec, Canada	151	137	23.3	38.1	38.6	5.9	0.0	3.6	522.5	530.8	516.7	533.6	.	537.0
Norway (4)	223	179	30.7	36.8	32.6	12.4	0.0	4.8	498.4	491.7	490.0	491.7	.	492.9
Abu Dhabi, UAE	212	182	27.0	42.4	30.5	10.1	0.0	0.0	411.3	423.1	411.6	399.5	.	437.1
Dubai, UAE	290	236	29.7	43.0	27.3	8.1	0.0	5.3	509.8	529.6	535.2	442.3	.	513.5
Florida, US	120	90	30.4	45.2	24.4	20.6	0.0	2.9	558.9	549.3	544.1	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Where water is found on the Earth  
 and how it moves in and out of the air  
 Location: TQS-05Cb (ATBS05CB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	37.8	25.9	36.3	8.8	0.0	3.2	534.7	518.2	523.8	499.5	.	512.4
Bahrain	345	331	29.1	43.7	27.2	2.5	0.0	2.3	469.8	459.1	446.0	427.2	.	500.0
Belgium (Flemish)	295	285	12.8	71.7	15.5	1.2	0.0	1.4	512.6	511.8	512.1	500.5	.	491.4
Bulgaria	233	227	64.2	34.2	1.6	0.0	0.0	2.7	532.3	541.6	477.7	.	.	574.8
Canada	699	623	39.6	21.1	39.3	6.4	0.0	4.2	523.7	526.4	523.2	523.5	.	541.5
Chile	180	159	34.4	38.9	26.7	6.9	0.0	2.8	476.6	479.2	478.4	473.8	.	474.0
Chinese Taipei	178	178	34.8	28.1	37.1	0.0	0.0	0.0	559.2	553.3	553.1	.	.	.
Croatia	223	220	27.4	72.6	0.0	1.5	0.0	0.0	530.8	534.5	.	531.0	.	.
Cyprus	242	237	53.2	21.4	25.4	1.1	0.0	0.6	482.4	476.1	483.7	494.5	.	437.0
Czech Republic	265	261	35.2	59.4	5.4	0.8	0.0	0.4	534.0	534.7	535.1	542.1	.	490.0
Denmark	196	160	23.6	48.0	28.4	12.8	0.0	4.2	523.7	525.7	532.2	528.1	.	522.7
England	214	175	32.1	37.4	30.5	15.0	0.0	0.7	537.7	540.4	535.9	522.3	.	543.2
Finland	341	323	45.0	31.5	23.5	4.3	0.0	0.8	555.0	555.9	548.7	557.1	.	536.7
France	273	251	51.5	34.4	14.1	5.7	0.0	3.2	489.1	486.0	490.2	472.7	.	492.0
Georgia	188	185	59.8	35.9	4.3	0.7	0.0	1.3	449.0	454.4	466.3	438.4	.	424.8
Germany	226	193	49.6	36.0	14.4	10.8	0.0	3.1	526.3	535.1	520.7	534.0	.	503.9
Hong Kong SAR	148	141	27.1	62.7	10.2	1.1	0.0	3.9	554.9	553.4	565.0	549.3	.	595.3
Hungary	244	236	78.2	17.8	4.1	1.1	0.0	2.2	544.1	536.5	546.1	588.9	.	480.4
Indonesia	293	292	13.0	54.1	32.9	0.2	0.0	0.0	414.0	395.7	391.6	356.0	.	.
Iran, Islamic Rep. of	291	288	52.0	21.3	26.6	0.0	0.0	0.6	426.7	410.0	419.6	.	.	388.0
Ireland	214	212	21.1	59.7	19.2	0.0	0.0	0.7	533.5	525.8	533.6	.	.	524.6
Italy	257	240	45.8	47.3	7.0	3.9	0.0	2.4	516.5	516.6	520.4	517.3	.	501.5
Japan	157	152	0.8	69.5	29.7	0.3	0.0	2.1	573.7	569.6	567.7	545.1	.	570.3
Kazakhstan	239	216	56.7	41.8	1.5	0.5	0.0	8.2	552.8	552.5	527.2	529.8	.	519.8
Korea, Rep. of	182	181	3.9	64.2	31.9	0.6	0.0	0.0	595.0	589.4	588.5	594.1	.	.
Kuwait	294	267	41.0	42.3	16.6	7.9	0.0	3.4	346.6	334.9	329.6	322.9	.	328.3
Lithuania	291	281	68.7	27.2	4.1	1.1	0.0	0.5	530.5	524.0	519.4	492.7	.	480.4
Morocco	367	313	9.2	56.0	34.8	6.0	0.0	7.9	390.3	352.0	341.4	338.6	.	366.4
Netherlands	223	165	16.4	53.7	29.9	21.4	0.0	1.9	516.2	522.9	507.5	516.1	.	525.2
New Zealand	461	426	42.5	33.9	23.5	2.5	0.0	5.4	514.8	507.1	488.3	494.2	.	503.4
Northern Ireland	154	131	49.9	31.8	18.4	17.4	0.0	0.0	524.1	514.8	522.4	514.8	.	.
Norway	227	173	33.4	25.2	41.4	16.9	0.0	6.5	544.1	533.4	537.1	532.2	.	540.9
Oman	357	341	63.3	11.0	25.7	0.6	0.0	3.4	430.6	425.7	433.7	399.2	.	438.7
Poland	254	245	3.9	95.4	0.7	0.0	0.0	3.3	553.2	547.0	533.4	.	.	547.9
Portugal	322	304	11.3	82.6	6.1	5.1	0.0	0.8	505.8	508.9	507.2	502.5	.	500.0
Qatar	227	219	19.4	58.1	22.6	0.0	0.0	3.9	417.6	451.4	412.5	.	.	440.9
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	47.7	44.7	7.6	0.5	0.0	2.6	403.3	381.0	361.8	351.8	.	402.8
Serbia	192	191	84.3	15.7	0.0	0.0	0.0	0.5	524.8	522.5	.	.	.	536.3
Singapore	358	350	3.2	6.7	90.1	1.5	0.0	0.8	548.6	622.8	589.8	598.2	.	547.6
Slovak Republic	328	323	63.0	34.9	2.0	1.1	0.0	0.5	525.3	511.4	523.6	549.3	.	482.5
Slovenia	256	239	15.4	56.8	27.8	5.4	0.0	0.7	541.7	544.9	540.6	533.3	.	524.3
Spain	393	364	46.6	47.2	6.2	4.1	0.0	1.1	522.7	515.6	499.3	519.3	.	540.4
Sweden	212	202	20.5	68.5	11.0	3.4	0.0	1.2	541.7	545.6	509.8	532.4	.	510.6
Turkey	251	248	35.1	51.1	13.8	0.0	0.0	1.2	494.0	482.4	460.0	.	.	483.7
United Arab Emirates	840	709	35.3	55.1	9.6	8.8	0.0	2.7	455.8	448.8	480.6	414.4	.	469.7
United States	492	413	27.7	55.9	16.4	12.7	0.0	3.7	542.7	543.4	553.9	547.0	.	564.0
International Avg (n=46)	13512	12267	36.2	44.2	19.6	4.4	0.0	2.2	507.0	504.8	498.6	496.9	.	496.5
Buenos Aires, Argentina	291	118	22.9	39.9	37.2	53.9	0.0	5.2	438.1	416.2	411.2	416.8	.	416.4
Ontario, Canada	275	237	47.8	11.6	40.7	7.2	0.0	6.4	531.5	536.2	528.0	516.1	.	543.4
Quebec, Canada	151	137	33.8	50.6	15.6	5.9	0.0	3.6	529.9	524.9	504.7	533.6	.	537.0
Norway (4)	223	179	32.3	49.3	18.4	12.4	0.0	4.8	500.4	489.2	491.3	491.7	.	492.9
Abu Dhabi, UAE	212	182	34.9	54.0	11.1	10.1	0.0	0.0	432.4	397.7	457.5	399.5	.	437.1
Dubai, UAE	290	240	32.0	54.4	13.7	8.1	0.0	4.3	513.3	532.0	520.3	442.3	.	528.0
Florida, US	120	90	28.4	50.3	21.3	20.6	0.0	2.9	561.9	548.1	543.2	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Understanding that weather can change  
 from day to day, from season to season, and by geographic location  
 Location: TQS-05Cc (ATBS05CC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	44.5	30.9	24.6	8.8	0.0	3.2	529.4	521.1	527.7	499.5	.	512.4
Bahrain	345	331	31.2	31.4	37.4	2.5	0.0	2.3	467.7	459.6	450.3	427.2	.	500.0
Belgium (Flemish)	295	281	19.1	57.7	23.2	1.2	0.0	2.9	509.5	511.4	512.7	500.5	.	520.5
Bulgaria	233	226	42.0	39.9	18.1	0.0	0.0	3.3	533.4	534.5	543.3	.	.	538.5
Canada	699	620	40.3	19.0	40.7	6.4	0.0	4.3	527.7	521.6	521.8	523.4	.	539.9
Chile	180	160	39.8	34.2	26.0	6.9	0.0	2.7	482.5	470.9	480.8	473.8	.	475.1
Chinese Taipei	178	178	20.9	29.7	49.4	0.0	0.0	0.0	558.4	553.7	554.9	.	.	.
Croatia	223	220	47.0	43.6	9.4	1.5	0.0	0.0	537.3	529.2	534.2	531.0	.	.
Cyprus	242	236	55.3	21.8	22.9	1.1	0.0	1.0	486.4	471.5	480.3	494.5	.	421.3
Czech Republic	265	262	24.9	61.7	13.5	0.8	0.0	0.2	530.7	534.4	541.0	542.1	.	500.8
Denmark	196	159	22.7	51.5	25.8	12.8	0.0	4.5	531.3	521.8	532.7	528.1	.	528.6
England	214	175	39.7	28.2	32.2	15.0	0.0	0.7	535.6	531.8	546.9	522.3	.	543.2
Finland	341	323	37.5	29.7	32.8	4.3	0.0	0.8	557.0	552.3	551.5	557.1	.	536.7
France	273	252	37.6	37.1	25.3	5.7	0.0	2.5	489.2	486.2	491.6	472.7	.	474.1
Georgia	188	183	51.3	30.0	18.7	0.7	0.0	2.4	451.6	456.4	448.0	438.4	.	409.1
Germany	226	190	55.3	24.2	20.5	10.8	0.0	4.6	526.6	536.2	524.7	534.0	.	513.7
Hong Kong SAR	148	141	20.8	51.5	27.7	1.1	0.0	3.9	558.1	551.8	558.6	549.3	.	595.3
Hungary	244	236	51.2	40.3	8.4	1.1	0.0	2.2	547.6	533.6	558.5	588.9	.	480.4
Indonesia	293	291	19.2	44.7	36.1	0.2	0.0	0.2	388.2	395.8	402.2	356.0	.	451.0
Iran, Islamic Rep. of	291	285	19.7	50.2	30.1	0.0	0.0	1.4	413.7	420.6	426.1	.	.	429.1
Ireland	214	213	35.1	57.2	7.7	0.0	0.0	0.4	528.2	529.0	529.1	.	.	557.9
Italy	257	240	23.1	55.7	21.2	3.9	0.0	2.3	516.9	516.6	516.1	517.3	.	510.9
Japan	157	151	4.1	46.5	49.4	0.3	0.0	2.8	565.4	570.9	567.5	545.1	.	572.9
Kazakhstan	239	216	39.6	52.1	8.3	0.5	0.0	8.2	560.5	544.8	560.5	529.8	.	519.8
Korea, Rep. of	182	181	7.8	19.1	73.1	0.6	0.0	0.0	590.5	583.1	590.8	594.1	.	.
Kuwait	294	266	51.3	32.4	16.3	7.9	0.0	3.7	339.1	338.0	340.5	322.9	.	325.9
Lithuania	291	281	56.4	25.8	17.9	1.1	0.0	0.5	528.4	526.1	531.2	492.7	.	480.4
Morocco	367	314	11.7	24.7	63.6	6.0	0.0	7.4	373.8	342.4	351.1	338.6	.	370.0
Netherlands	223	164	23.3	57.5	19.2	21.4	0.0	2.7	518.2	517.5	515.0	516.1	.	523.9
New Zealand	461	425	41.4	27.3	31.3	2.5	0.0	5.0	514.1	507.4	493.2	494.2	.	507.3
Northern Ireland	154	129	58.9	26.7	14.4	17.4	0.0	1.2	522.0	518.5	516.5	514.8	.	557.3
Norway	227	172	36.8	30.8	32.5	16.9	0.0	6.9	538.2	540.2	537.1	532.2	.	541.3
Oman	357	330	33.2	17.4	49.3	0.6	0.0	5.2	429.3	429.6	433.4	399.2	.	426.8
Poland	254	243	3.2	49.1	47.7	0.0	0.0	3.7	562.8	548.4	545.2	.	.	543.8
Portugal	322	303	22.9	53.9	23.3	5.1	0.0	0.9	511.7	507.1	508.2	502.5	.	500.3
Qatar	227	216	20.6	49.1	30.3	0.0	0.0	4.4	434.2	450.8	415.5	.	.	426.7
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	48.6	38.5	12.8	0.5	0.0	2.6	396.9	385.6	378.6	351.8	.	402.8
Serbia	192	189	51.4	30.4	18.2	0.0	0.0	1.9	523.1	527.0	522.1	.	.	545.5
Singapore	358	350	2.1	2.7	95.1	1.5	0.0	0.8	549.8	612.0	591.0	598.2	.	547.6
Slovak Republic	328	324	62.2	26.6	11.2	1.1	0.0	0.3	523.0	508.9	531.4	549.3	.	519.9
Slovenia	256	237	26.3	24.3	49.3	5.4	0.0	1.5	546.6	536.6	544.7	533.3	.	534.8
Spain	393	360	26.6	64.3	9.1	4.1	0.0	1.5	518.1	517.6	518.5	519.3	.	537.8
Sweden	212	201	15.2	48.2	36.6	3.4	0.0	1.9	539.0	542.5	539.1	532.4	.	526.0
Turkey	251	248	26.8	58.4	14.8	0.0	0.0	1.2	485.2	487.2	465.1	.	.	483.7
United Arab Emirates	840	707	34.7	45.8	19.5	8.8	0.0	2.7	453.2	456.7	452.5	414.4	.	460.5
United States	492	413	33.2	51.3	15.5	12.7	0.0	3.7	540.9	545.4	552.0	547.0	.	564.0
International Avg (n=46)	13512	12219	33.0	38.5	28.5	4.4	0.0	2.5	505.9	504.0	505.1	496.9	.	499.0
Buenos Aires, Argentina	291	118	21.2	31.6	47.2	53.9	0.0	5.6	427.9	422.8	415.9	416.8	.	407.4
Ontario, Canada	275	236	49.3	14.9	35.8	7.2	0.0	6.6	534.4	519.9	530.0	516.1	.	542.3
Quebec, Canada	151	137	43.0	33.7	23.3	5.9	0.0	3.6	527.2	522.0	518.5	533.6	.	537.0
Norway (4)	223	179	37.2	44.9	17.9	12.4	0.0	4.8	500.3	488.5	490.3	491.7	.	492.9
Abu Dhabi, UAE	212	182	36.3	48.4	15.3	10.1	0.0	0.0	413.0	408.1	450.7	399.5	.	437.1
Dubai, UAE	290	238	34.9	49.3	15.8	8.1	0.0	4.0	528.5	529.7	503.7	442.3	.	512.2
Florida, US	120	90	22.9	58.3	18.7	20.6	0.0	2.9	563.8	545.7	551.5	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Understanding what fossils are and what they can tell us about past conditions on Earth  
Location: TQS-05Cd (ATBS05CD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	410	17.0	21.2	61.8	8.8	0.0	4.5	533.8	522.1	526.0	499.5	.	515.5
Bahrain	345	330	12.0	63.0	25.0	2.5	0.0	2.4	476.4	459.6	448.4	427.2	.	490.4
Belgium (Flemish)	295	284	2.5	20.5	77.0	1.2	0.0	2.1	534.9	513.5	510.0	500.5	.	526.7
Bulgaria	233	224	2.7	12.9	84.3	0.0	0.0	4.1	528.5	538.9	535.2	.	.	540.2
Canada	699	621	13.2	51.1	35.7	6.4	0.0	4.5	524.3	523.5	525.3	523.5	.	537.4
Chile	180	159	16.0	24.8	59.1	6.9	0.0	3.5	472.4	462.5	487.2	473.8	.	459.0
Chinese Taipei	178	178	1.3	5.9	92.8	0.0	0.0	0.0	543.8	557.3	555.3	.	.	.
Croatia	223	218	12.0	20.0	68.0	1.5	0.0	0.7	527.3	539.9	532.9	531.0	.	514.5
Cyprus	242	231	16.5	9.0	74.4	1.1	0.0	2.9	487.1	473.8	480.0	494.5	.	497.7
Czech Republic	265	262	12.0	53.1	35.0	0.8	0.0	0.2	538.5	537.4	528.4	542.1	.	500.8
Denmark	196	159	13.6	21.1	65.3	12.8	0.0	4.6	518.5	528.4	528.8	528.1	.	518.6
England	214	175	40.3	14.9	44.9	15.0	0.0	0.7	542.9	527.0	537.6	522.3	.	543.2
Finland	341	323	9.7	8.5	81.8	4.3	0.0	0.8	554.2	554.2	553.7	557.1	.	536.7
France	273	248	30.7	12.1	57.2	5.7	0.0	3.9	491.2	494.4	484.5	472.7	.	500.4
Georgia	188	182	10.8	19.3	69.9	0.7	0.0	3.7	446.4	446.6	453.2	438.4	.	455.2
Germany	226	193	13.7	7.9	78.3	10.8	0.0	3.1	527.6	522.8	529.4	534.0	.	503.9
Hong Kong SAR	148	141	2.6	15.4	82.0	1.1	0.0	3.9	553.6	543.3	557.3	549.3	.	595.3
Hungary	244	235	1.8	13.4	84.7	1.1	0.0	2.4	531.4	527.3	545.3	588.9	.	494.8
Indonesia	293	291	9.2	41.5	49.4	0.2	0.0	0.2	386.3	408.2	389.2	356.0	.	364.9
Iran, Islamic Rep. of	291	287	8.8	17.1	74.1	0.0	0.0	1.1	425.4	420.7	420.5	.	.	422.3
Ireland	214	209	15.2	29.0	55.8	0.0	0.0	2.1	518.2	535.3	528.6	.	.	524.2
Italy	257	239	65.1	18.5	16.4	3.9	0.0	2.6	522.7	503.6	508.8	517.3	.	501.9
Japan	157	152	0.0	1.3	98.7	0.3	0.0	2.1	.	571.8	569.0	545.1	.	570.3
Kazakhstan	239	216	18.7	40.5	40.8	0.5	0.0	8.2	570.0	553.8	542.8	529.8	.	519.8
Korea, Rep. of	182	181	12.7	55.9	31.4	0.6	0.0	0.0	587.1	590.3	588.3	594.1	.	.
Kuwait	294	266	49.5	29.7	20.8	7.9	0.0	3.9	335.7	314.3	382.2	322.9	.	325.1
Lithuania	291	282	23.4	28.1	48.5	1.1	0.0	0.5	527.9	530.5	527.2	492.7	.	485.6
Morocco	367	313	2.9	5.2	92.0	6.0	0.0	7.9	394.1	355.8	349.6	338.6	.	374.0
Netherlands	223	164	6.7	31.0	62.2	21.4	0.0	2.6	530.8	519.0	514.4	516.1	.	531.1
New Zealand	461	425	22.0	13.8	64.2	2.5	0.0	5.2	516.3	503.8	502.2	494.2	.	510.9
Northern Ireland	154	128	23.1	11.6	65.3	17.4	0.0	3.1	522.3	517.2	521.3	514.8	.	515.6
Norway	227	169	28.4	37.8	33.8	16.9	0.0	8.2	539.5	540.7	536.2	532.2	.	537.5
Oman	357	340	44.9	36.9	18.2	0.6	0.0	3.6	444.0	426.5	407.2	399.2	.	439.8
Poland	254	244	0.3	6.5	93.2	0.0	0.0	4.0	529.2	543.6	547.5	.	.	547.6
Portugal	322	302	23.1	18.2	58.7	5.1	0.0	1.0	509.7	501.4	510.1	502.5	.	501.3
Qatar	227	216	15.7	15.9	68.4	0.0	0.0	5.4	444.3	442.3	431.6	.	.	453.3
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	177	30.4	31.1	38.4	0.5	0.0	5.5	407.9	376.2	392.2	351.8	.	365.5
Serbia	192	190	14.0	36.3	49.7	0.0	0.0	1.2	509.9	522.5	529.2	.	.	560.4
Singapore	358	350	1.5	1.7	96.7	1.5	0.0	0.8	560.2	597.0	591.1	598.2	.	547.6
Slovak Republic	328	323	32.4	24.6	42.9	1.1	0.0	0.5	523.9	524.4	514.7	549.3	.	536.5
Slovenia	256	238	1.8	21.0	77.3	5.4	0.0	1.1	525.2	549.8	541.9	533.3	.	527.6
Spain	393	363	16.8	31.1	52.1	4.1	0.0	1.1	508.5	519.5	520.0	519.3	.	539.5
Sweden	212	202	38.5	15.6	45.9	3.4	0.0	1.2	547.2	554.3	530.9	532.4	.	510.6
Turkey	251	248	2.7	32.6	64.7	0.0	0.0	1.2	506.6	483.8	482.2	.	.	483.7
United Arab Emirates	840	706	16.6	36.8	46.5	8.8	0.0	2.8	452.8	434.7	470.0	414.4	.	475.6
United States	492	413	29.7	40.6	29.7	12.7	0.0	3.7	547.5	544.9	542.4	547.0	.	564.0
International Avg (n=46)	13512	12207	17.0	24.0	59.0	4.4	0.0	2.8	505.0	503.4	504.6	496.9	.	499.2
Buenos Aires, Argentina	291	118	10.8	19.6	69.6	53.9	0.0	5.3	407.2	411.7	423.5	416.8	.	416.1
Ontario, Canada	275	237	9.7	58.9	31.4	7.2	0.0	6.2	535.8	530.2	529.6	516.1	.	544.1
Quebec, Canada	151	136	14.8	28.6	56.6	5.9	0.0	4.9	521.3	528.0	522.4	533.6	.	525.6
Norway (4)	223	179	11.9	67.0	21.1	12.4	0.0	4.8	496.5	493.7	489.9	491.7	.	492.9
Abu Dhabi, UAE	212	181	16.6	37.2	46.2	10.1	0.0	0.4	419.1	402.1	427.4	399.5	.	370.6
Dubai, UAE	290	236	18.7	28.7	52.6	8.1	0.0	5.1	520.0	517.0	529.5	442.3	.	532.1
Florida, US	120	90	21.0	62.5	16.5	20.6	0.0	2.9	550.5	553.0	543.8	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Objects in the solar system and their movements  
 Location: TQS-05Ce (ATBS05CE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	416	35.6	26.7	37.7	8.8	0.0	3.2	526.6	526.8	526.0	499.5	.	512.5
Bahrain	345	331	22.2	66.5	11.3	2.5	0.0	2.3	458.1	461.9	440.5	427.2	.	500.0
Belgium (Flemish)	295	284	3.8	55.4	40.8	1.2	0.0	2.1	510.8	511.6	511.2	500.5	.	522.5
Bulgaria	233	226	5.9	93.7	0.4	0.0	0.0	3.6	539.2	533.8	542.1	.	.	577.2
Canada	699	617	14.8	18.2	67.1	6.7	0.0	4.7	527.5	522.0	524.0	523.7	.	538.1
Chile	180	162	78.1	16.9	5.0	6.9	0.0	1.2	479.9	465.9	502.8	473.8	.	425.9
Chinese Taipei	178	178	16.1	34.2	49.8	0.0	0.0	0.0	564.4	552.3	554.4	.	.	.
Croatia	223	220	16.4	31.2	52.4	1.5	0.0	0.0	530.0	533.9	534.3	531.0	.	.
Cyprus	242	237	11.8	47.3	40.9	1.1	0.0	0.6	485.8	480.0	481.8	494.5	.	437.0
Czech Republic	265	262	29.7	34.4	35.9	0.8	0.0	0.2	538.5	533.9	531.5	542.1	.	500.8
Denmark	196	160	21.4	50.6	28.0	12.8	0.0	4.2	531.3	528.2	521.9	528.1	.	522.7
England	214	175	14.5	69.6	15.9	15.0	0.0	0.7	544.3	538.4	531.7	522.3	.	543.2
Finland	341	323	68.4	6.8	24.8	4.3	0.0	0.8	555.7	549.4	549.8	557.1	.	536.7
France	273	249	12.8	63.7	23.5	5.7	0.0	3.6	483.1	492.0	480.9	472.7	.	488.3
Georgia	188	184	15.0	83.2	1.7	0.7	0.0	2.1	451.3	451.0	472.1	438.4	.	448.7
Germany	226	193	26.6	36.8	36.5	10.8	0.0	2.8	523.2	529.7	531.2	534.0	.	505.9
Hong Kong SAR	148	141	5.8	10.8	83.4	1.1	0.0	3.9	550.0	556.5	555.2	549.3	.	595.3
Hungary	244	236	6.5	69.1	24.4	1.1	0.0	2.2	557.2	539.5	548.6	588.9	.	480.4
Indonesia	293	291	8.1	50.7	41.2	0.2	0.0	0.2	383.6	397.9	398.2	356.0	.	326.7
Iran, Islamic Rep. of	291	287	3.3	91.7	5.0	0.0	0.0	1.4	430.3	423.4	370.4	.	.	421.8
Ireland	214	211	26.4	54.3	19.2	0.0	0.0	1.0	531.0	527.3	530.9	.	.	520.7
Italy	257	240	5.8	12.2	82.0	3.9	0.0	2.6	520.2	506.7	518.3	517.3	.	496.2
Japan	157	151	0.0	33.0	67.0	0.3	0.0	2.8	.	573.0	567.0	545.1	.	572.9
Kazakhstan	239	216	21.4	75.8	2.8	0.5	0.0	8.2	559.7	551.6	515.3	529.8	.	519.8
Korea, Rep. of	182	181	2.7	29.6	67.8	0.6	0.0	0.0	596.2	582.5	592.0	594.1	.	.
Kuwait	294	267	41.7	32.5	25.8	7.9	0.0	3.6	340.6	330.8	348.2	322.9	.	315.4
Lithuania	291	280	19.9	47.8	32.3	1.1	0.0	0.9	523.9	526.4	533.8	492.7	.	499.8
Morocco	367	315	3.7	5.5	90.8	6.0	0.0	7.3	425.5	349.6	348.7	338.6	.	369.8
Netherlands	223	165	11.5	37.8	50.8	21.4	0.0	2.0	508.5	521.3	515.8	516.1	.	530.6
New Zealand	461	425	47.0	28.6	24.3	2.5	0.0	4.7	508.0	514.4	491.8	494.2	.	504.4
Northern Ireland	154	129	39.8	22.8	37.4	17.4	0.0	2.4	517.0	523.4	523.6	514.8	.	516.9
Norway	227	172	45.5	27.1	27.5	16.9	0.0	6.9	539.4	543.7	531.7	532.2	.	541.3
Oman	357	342	24.6	20.4	54.9	0.6	0.0	3.2	418.5	447.6	430.2	399.2	.	439.6
Poland	254	249	2.1	0.6	97.3	0.0	0.0	2.2	562.1	589.1	546.5	.	.	552.8
Portugal	322	305	29.4	68.3	2.3	5.1	0.0	0.7	510.1	508.3	491.4	502.5	.	493.5
Qatar	227	218	20.4	60.9	18.7	0.0	0.0	4.3	436.0	438.2	429.3	.	.	439.8
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	26.4	71.3	2.3	0.5	0.0	2.6	404.0	384.6	406.7	351.8	.	402.8
Serbia	192	191	14.7	19.8	65.5	0.0	0.0	0.5	504.6	516.8	531.2	.	.	536.3
Singapore	358	350	3.5	2.0	94.6	1.5	0.0	0.8	555.0	586.8	592.1	598.2	.	547.6
Slovak Republic	328	324	21.6	76.4	2.0	1.1	0.0	0.3	518.6	521.4	489.6	549.3	.	519.9
Slovenia	256	238	4.7	75.7	19.7	5.4	0.0	1.1	559.0	543.4	538.7	533.3	.	535.1
Spain	393	363	48.2	45.4	6.4	4.1	0.0	2.0	520.1	514.8	522.6	519.3	.	530.9
Sweden	212	201	47.7	25.1	27.3	3.4	0.0	1.8	545.6	542.2	530.5	532.4	.	531.6
Turkey	251	246	31.1	50.2	18.7	0.0	0.0	1.8	495.9	478.3	476.1	.	.	484.2
United Arab Emirates	840	703	31.3	60.8	7.9	8.8	0.0	3.4	465.1	447.3	467.3	414.4	.	463.3
United States	492	413	36.2	43.7	20.0	12.7	0.0	3.7	550.6	540.2	545.1	547.0	.	564.0
International Avg (n=46)	13512	12249	22.3	43.2	34.6	4.4	0.0	2.4	506.4	505.2	502.7	497.0	.	495.7
Buenos Aires, Argentina	291	119	27.8	29.6	42.7	53.9	0.0	5.1	420.2	420.0	418.7	416.8	.	415.0
Ontario, Canada	275	235	13.0	6.5	80.6	7.5	0.0	6.6	528.9	529.3	531.1	515.7	.	542.9
Quebec, Canada	151	134	25.6	51.5	22.9	6.6	0.0	4.7	530.1	523.9	514.9	535.2	.	529.7
Norway (4)	223	179	8.5	86.7	4.8	12.4	0.0	4.8	503.1	492.9	481.4	491.7	.	492.4
Abu Dhabi, UAE	212	181	30.9	59.7	9.3	10.1	0.0	0.4	426.3	408.5	429.2	399.5	.	517.6
Dubai, UAE	290	233	32.2	58.0	9.9	8.1	0.0	6.3	540.6	519.9	517.8	442.3	.	500.9
Florida, US	120	90	12.1	71.7	16.2	20.6	0.0	2.9	539.1	555.3	540.8	542.1	.	531.0



Question: When students in this class have been taught each of the following science topics. Earth Science: Understanding how day and night result from the Earth's rotation on its axis and how the Earth's rotation results in changing shadows throughout the day  
 Location: TQS-05Cf (ATBS05CF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	31.0	34.1	34.9	8.8	0.0	3.2	530.7	523.0	526.1	499.5	.	512.4
Bahrain	345	331	20.7	68.2	11.1	2.5	0.0	2.3	455.0	462.2	443.3	427.2	.	500.0
Belgium (Flemish)	295	283	4.8	58.2	37.0	1.2	0.0	2.3	502.7	511.6	512.5	500.5	.	517.9
Bulgaria	233	227	5.5	92.1	2.4	0.0	0.0	2.7	540.6	535.0	504.9	.	.	574.8
Canada	699	617	16.2	28.8	55.0	6.5	0.0	4.7	531.6	528.9	519.4	523.1	.	539.3
Chile	180	161	82.1	16.0	1.9	6.9	0.0	1.9	481.8	457.9	508.2	473.8	.	455.3
Chinese Taipei	178	178	16.2	34.4	49.4	0.0	0.0	0.0	561.1	552.2	555.5	.	.	.
Croatia	223	220	24.4	37.2	38.4	1.5	0.0	0.0	533.0	532.3	534.9	531.0	.	.
Cyprus	242	237	15.0	48.1	36.9	1.1	0.0	0.6	477.1	482.4	481.8	494.5	.	437.0
Czech Republic	265	261	28.5	41.6	29.9	0.8	0.0	0.7	530.2	534.9	536.9	542.1	.	556.7
Denmark	196	159	28.3	47.5	24.2	12.8	0.0	4.5	530.8	525.2	524.3	528.1	.	532.7
England	214	175	12.9	69.8	17.3	15.0	0.0	0.7	542.9	538.1	534.8	522.3	.	543.2
Finland	341	323	62.2	13.8	24.0	4.3	0.0	0.8	554.6	553.8	551.7	557.1	.	536.7
France	273	255	20.2	58.2	21.6	5.7	0.0	1.2	481.4	491.1	487.2	472.7	.	488.3
Georgia	188	185	36.9	53.7	9.4	0.7	0.0	1.3	442.7	458.0	450.7	438.4	.	424.8
Germany	226	192	32.2	35.0	32.8	10.8	0.0	3.3	526.1	528.9	530.9	534.0	.	504.4
Hong Kong SAR	148	141	20.6	9.8	69.5	1.1	0.0	3.9	562.4	552.8	553.2	549.3	.	595.3
Hungary	244	236	12.2	61.8	26.0	1.1	0.0	2.2	547.9	538.6	550.5	588.9	.	480.4
Indonesia	293	292	7.9	64.9	27.2	0.2	0.0	0.0	393.9	394.2	403.6	356.0	.	.
Iran, Islamic Rep. of	291	287	12.7	73.8	13.5	0.0	0.0	0.9	422.0	423.7	402.5	.	.	464.4
Ireland	214	213	17.9	55.9	26.1	0.0	0.0	0.4	525.7	527.8	533.0	.	.	557.9
Italy	257	240	10.5	20.1	69.3	3.9	0.0	2.5	507.9	517.6	517.3	517.3	.	520.5
Japan	157	151	11.8	9.5	78.7	0.3	0.0	2.8	566.2	568.2	569.5	545.1	.	572.9
Kazakhstan	239	216	18.9	77.4	3.6	0.5	0.0	8.2	555.6	551.1	562.2	529.8	.	519.8
Korea, Rep. of	182	181	3.1	13.5	83.3	0.6	0.0	0.0	595.4	576.9	591.1	594.1	.	.
Kuwait	294	269	45.5	34.3	20.2	7.9	0.0	3.1	340.4	344.3	327.2	322.9	.	320.5
Lithuania	291	282	38.5	46.0	15.4	1.1	0.0	0.5	526.4	530.4	526.6	492.7	.	485.6
Morocco	367	316	6.1	7.1	86.7	6.0	0.0	7.0	393.3	339.1	349.9	338.6	.	369.2
Netherlands	223	166	13.2	49.8	36.9	21.4	0.0	1.7	516.0	517.2	517.6	516.1	.	527.7
New Zealand	461	426	40.8	27.5	31.7	2.5	0.0	4.7	510.2	509.2	497.8	494.2	.	502.5
Northern Ireland	154	131	30.3	27.1	42.6	17.4	0.0	0.0	517.5	528.2	518.5	514.8	.	.
Norway	227	173	39.3	30.3	30.5	16.9	0.0	6.5	537.2	543.6	535.1	532.2	.	540.9
Oman	357	341	23.7	19.6	56.8	0.6	0.0	3.4	414.9	449.6	431.1	399.2	.	439.5
Poland	254	247	1.5	28.1	70.4	0.0	0.0	2.2	563.1	545.6	547.3	.	.	552.2
Portugal	322	304	33.5	65.8	0.7	5.1	0.0	0.9	509.3	508.2	490.3	502.5	.	500.5
Qatar	227	219	18.4	70.7	10.9	0.0	0.0	3.6	436.0	431.7	467.5	.	.	433.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	181	27.2	71.7	1.1	0.5	0.0	3.2	404.9	382.6	483.9	351.8	.	411.7
Serbia	192	190	29.4	32.8	37.9	0.0	0.0	1.1	510.9	523.0	535.9	.	.	540.6
Singapore	358	350	3.3	9.5	87.2	1.5	0.0	0.8	538.4	599.1	591.8	598.2	.	547.6
Slovak Republic	328	324	25.8	72.9	1.3	1.1	0.0	0.3	519.1	521.1	489.2	549.3	.	519.9
Slovenia	256	238	6.6	85.9	7.5	5.4	0.0	1.4	554.0	542.9	534.4	533.3	.	552.0
Spain	393	364	45.9	44.5	9.7	4.1	0.0	1.1	518.8	515.8	523.4	519.3	.	539.7
Sweden	212	201	35.7	37.2	27.1	3.4	0.0	1.6	546.7	538.4	536.2	532.4	.	523.5
Turkey	251	248	43.7	42.9	13.4	0.0	0.0	1.2	492.2	482.9	456.2	.	.	483.7
United Arab Emirates	840	710	29.2	61.5	9.3	8.8	0.0	2.4	463.9	447.7	466.6	414.4	.	478.0
United States	492	413	27.2	49.3	23.5	12.7	0.0	3.7	551.5	542.9	541.7	547.0	.	564.0
International Avg (n=46)	13512	12269	24.3	44.3	31.4	4.4	0.0	2.2	505.7	504.6	505.5	496.9	.	504.1
Buenos Aires, Argentina	291	119	27.9	29.1	43.0	53.9	0.0	5.1	415.4	415.2	425.1	416.8	.	415.0
Ontario, Canada	275	233	17.7	18.1	64.2	7.5	0.0	7.1	532.5	541.2	527.2	515.7	.	541.9
Quebec, Canada	151	136	24.5	51.0	24.5	5.9	0.0	4.1	530.1	522.7	518.1	533.6	.	535.7
Norway (4)	223	177	23.7	62.1	14.2	12.4	0.0	5.9	499.0	492.0	489.1	491.7	.	491.9
Abu Dhabi, UAE	212	182	29.6	58.6	11.8	10.1	0.0	0.0	441.2	396.6	452.6	399.5	.	437.1
Dubai, UAE	290	237	26.7	65.1	8.2	8.1	0.0	4.4	524.2	523.2	533.5	442.3	.	530.1
Florida, US	120	90	3.9	81.2	15.0	20.6	0.0	2.9	531.6	553.6	541.7	542.1	.	531.0

Question: When students in this class have been taught each of the following science topics. Earth Science: Understanding how seasons are related to the Earth's annual movement around the Sun  
 Location: TQS-05Cg (ATBS05CG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet or just introd uced %	Not Admini stered %	Not Applic able %	Omitte d %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet or just introd uced Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	32.3	31.0	36.8	8.8	0.0	3.5	528.7	524.3	526.6	499.5	.	510.3
Bahrain	345	331	20.7	67.5	11.9	2.5	0.0	2.3	463.3	461.1	436.4	427.2	.	500.0
Belgium (Flemish)	295	284	5.9	55.8	38.2	1.2	0.0	2.1	500.1	510.1	515.1	500.5	.	522.5
Bulgaria	233	227	8.7	90.6	0.7	0.0	0.0	2.7	531.2	535.0	522.6	.	.	574.8
Canada	699	618	24.3	20.7	55.0	6.5	0.0	4.6	531.2	523.9	521.2	523.1	.	538.6
Chile	180	161	81.1	17.0	1.9	6.9	0.0	1.9	479.7	469.0	508.2	473.8	.	455.3
Chinese Taipei	178	178	10.5	23.2	66.4	0.0	0.0	0.0	560.6	551.1	555.9	.	.	.
Croatia	223	220	28.4	40.2	31.4	1.5	0.0	0.0	531.2	532.9	536.3	531.0	.	.
Cyprus	242	236	15.0	45.8	39.3	1.1	0.0	1.1	482.6	482.5	479.2	494.5	.	474.2
Czech Republic	265	262	28.1	45.1	26.8	0.8	0.0	0.2	532.7	533.3	537.9	542.1	.	500.8
Denmark	196	161	26.2	49.6	24.2	12.8	0.0	3.7	527.5	527.3	524.6	528.1	.	530.7
England	214	175	12.9	66.1	21.1	15.0	0.0	0.7	533.6	537.6	542.7	522.3	.	543.2
Finland	341	322	65.9	8.8	25.4	4.3	0.0	0.9	554.1	554.4	552.7	557.1	.	540.3
France	273	254	17.3	51.2	31.4	5.7	0.0	1.6	484.4	490.2	487.5	472.7	.	485.5
Georgia	188	185	30.5	46.0	23.5	0.7	0.0	1.3	447.3	452.8	455.2	438.4	.	424.8
Germany	226	192	39.4	30.2	30.4	10.8	0.0	3.3	527.0	528.2	531.4	534.0	.	504.4
Hong Kong SAR	148	141	11.8	12.3	75.9	1.1	0.0	3.9	551.0	554.7	555.7	549.3	.	595.3
Hungary	244	236	14.3	60.1	25.7	1.1	0.0	2.2	548.0	537.4	552.7	588.9	.	480.4
Indonesia	293	291	7.5	47.9	44.5	0.2	0.0	0.3	383.8	396.6	399.6	356.0	.	306.1
Iran, Islamic Rep. of	291	287	7.8	69.5	22.7	0.0	0.0	0.9	407.3	419.7	427.9	.	.	464.4
Ireland	214	213	14.4	53.5	32.2	0.0	0.0	0.4	526.4	528.4	530.3	.	.	557.9
Italy	257	236	11.7	18.0	70.4	3.9	0.0	4.6	500.7	516.7	519.2	517.3	.	513.0
Japan	157	151	2.7	13.5	83.8	0.3	0.0	2.8	566.2	567.8	569.3	545.1	.	572.9
Kazakhstan	239	215	23.5	71.9	4.6	0.5	0.0	8.2	552.2	554.9	513.3	529.8	.	519.8
Korea, Rep. of	182	181	2.7	8.5	88.9	0.6	0.0	0.0	594.6	581.8	589.8	594.1	.	.
Kuwait	294	268	34.5	35.0	30.5	7.9	0.0	3.4	334.7	335.6	348.8	322.9	.	315.2
Lithuania	291	282	38.2	45.1	16.7	1.1	0.0	0.5	526.2	530.6	526.7	492.7	.	485.6
Morocco	367	315	5.8	8.6	85.5	6.0	0.0	7.2	380.7	354.8	349.6	338.6	.	367.3
Netherlands	223	166	12.7	44.9	42.4	21.4	0.0	1.7	513.3	517.2	518.3	516.1	.	527.7
New Zealand	461	426	47.2	24.2	28.5	2.5	0.0	4.7	511.4	511.0	492.7	494.2	.	502.5
Northern Ireland	154	131	33.3	22.4	44.3	17.4	0.0	0.0	518.2	524.7	520.8	514.8	.	.
Norway	227	173	36.8	29.3	33.9	16.9	0.0	6.5	537.7	544.1	534.5	532.2	.	540.9
Oman	357	341	21.8	21.9	56.3	0.6	0.0	3.4	416.6	445.9	430.5	399.2	.	439.5
Poland	254	249	1.7	23.6	74.7	0.0	0.0	1.6	528.4	547.2	547.6	.	.	548.2
Portugal	322	304	35.8	62.5	1.7	5.1	0.0	0.9	507.9	509.1	496.6	502.5	.	500.5
Qatar	227	220	15.3	57.8	26.9	0.0	0.0	3.3	421.4	438.0	439.6	.	.	447.3
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	27.5	71.3	1.2	0.5	0.0	2.6	408.3	383.4	381.3	351.8	.	402.8
Serbia	192	188	23.0	28.3	48.7	0.0	0.0	2.3	527.0	518.1	526.5	.	.	535.0
Singapore	358	350	2.6	2.8	94.6	1.5	0.0	0.8	549.4	600.4	591.5	598.2	.	547.6
Slovak Republic	328	324	24.1	71.5	4.4	1.1	0.0	0.3	513.2	522.9	515.0	549.3	.	519.9
Slovenia	256	239	8.7	75.6	15.7	5.4	0.0	0.7	548.1	542.1	546.1	533.3	.	524.3
Spain	393	364	43.7	45.3	11.0	4.1	0.0	1.1	517.7	517.3	521.1	519.3	.	539.7
Sweden	212	202	33.5	38.9	27.6	3.4	0.0	1.2	550.7	534.9	537.2	532.4	.	510.6
Turkey	251	248	45.0	44.4	10.7	0.0	0.0	1.2	493.3	477.9	464.6	.	.	483.7
United Arab Emirates	840	710	26.1	62.7	11.3	8.8	0.0	2.4	456.7	452.9	455.5	414.4	.	478.0
United States	492	413	28.1	49.9	21.9	12.7	0.0	3.7	551.5	542.7	541.8	547.0	.	564.0
International Avg (n=46)	13512	12266	23.7	41.5	34.8	4.4	0.0	2.2	503.4	504.8	503.9	496.9	.	497.5
Buenos Aires, Argentina	291	119	28.4	26.2	45.4	53.9	0.0	5.1	415.9	420.6	421.1	416.8	.	415.0
Ontario, Canada	275	233	30.0	11.5	58.5	7.5	0.0	7.2	536.1	529.4	528.4	515.7	.	540.4
Quebec, Canada	151	137	23.3	46.2	30.4	5.9	0.0	3.6	528.3	523.5	519.6	533.6	.	537.0
Norway (4)	223	177	22.0	58.4	19.6	12.4	0.0	5.9	497.4	492.2	493.6	491.7	.	487.8
Abu Dhabi, UAE	212	182	29.9	58.0	12.1	10.1	0.0	0.0	421.5	407.0	449.1	399.5	.	437.1
Dubai, UAE	290	237	22.1	67.9	10.0	8.1	0.0	4.4	520.0	527.8	509.9	442.3	.	530.1
Florida, US	120	90	7.2	77.3	15.5	20.6	0.0	2.9	546.8	554.0	537.6	542.1	.	531.0

Question: How often do you usually assign science homework to the students in this class?  
Location: TQS-06A (ATBS06A)

Country	Sample	Valid N	1.No scienc e homewo rk %	2.Less than once a week %	3.1 or 2 times a week %	4.3 or 4 times a week %	5.Ever y day %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	418	56.9	39.3	3.7	0.0	0.0	8.8	0.0	2.8
Bahrain	345	329	0.9	7.5	63.3	22.9	5.4	2.5	0.0	2.7
Belgium (Flemish)	295	287	35.3	60.6	4.1	0.0	0.0	1.2	0.0	1.3
Bulgaria	233	226	4.1	19.7	71.3	2.3	2.5	0.0	0.0	3.6
Canada	699	625	56.1	34.5	8.9	0.5	0.0	6.5	0.0	3.3
Chile	180	159	18.9	46.2	33.3	1.7	0.0	6.9	0.0	3.1
Chinese Taipei	178	173	30.2	47.6	21.5	0.0	0.7	0.0	0.0	3.2
Croatia	223	220	0.4	2.7	74.9	18.8	3.2	1.5	0.0	0.0
Cyprus	242	235	59.2	36.4	4.4	0.0	0.0	1.1	0.0	1.5
Czech Republic	265	263	11.2	74.3	14.5	0.0	0.0	0.8	0.0	0.0
Denmark	196	166	66.6	30.4	2.2	0.7	0.0	12.8	0.0	0.4
England	214	175	49.8	41.1	8.4	0.7	0.0	15.0	0.0	0.7
Finland	341	327	0.6	5.8	70.0	22.4	1.2	4.3	0.0	0.1
France	273	254	69.6	24.7	5.8	0.0	0.0	5.7	0.0	2.3
Georgia	188	181	1.6	10.6	51.4	20.2	16.3	0.7	0.0	3.3
Germany	226	196	20.7	47.2	29.1	2.4	0.6	10.8	0.0	2.1
Hong Kong SAR	148	141	13.8	28.6	45.6	10.1	2.0	1.1	0.0	3.8
Hungary	244	237	0.0	11.6	86.2	1.6	0.6	1.1	0.0	1.6
Indonesia	293	283	0.5	3.7	64.0	24.9	6.9	0.0	0.0	4.0
Iran, Islamic Rep. of	291	282	9.7	16.3	60.6	13.1	0.4	0.0	0.0	2.6
Ireland	214	213	60.6	34.8	4.6	0.0	0.0	0.0	0.0	0.7
Italy	257	236	5.1	26.5	67.7	0.3	0.4	3.9	0.0	4.0
Japan	157	155	45.5	48.3	5.7	0.0	0.5	0.3	0.0	0.4
Kazakhstan	239	228	0.3	2.6	60.3	7.3	29.4	0.5	0.0	3.9
Korea, Rep. of	182	181	44.0	47.0	9.0	0.0	0.0	0.6	0.0	0.0
Kuwait	294	264	43.6	20.2	30.4	5.0	0.8	7.9	0.0	4.3
Lithuania	291	285	1.4	23.9	71.7	0.1	2.9	1.1	0.0	0.0
Morocco	367	311	14.0	27.0	55.3	3.0	0.7	6.0	0.0	8.2
Netherlands	223	167	67.9	30.3	1.8	0.0	0.0	21.4	0.0	1.3
New Zealand	461	438	74.5	23.0	2.2	0.2	0.0	2.5	0.0	1.3
Northern Ireland	154	130	74.2	23.5	2.2	0.0	0.0	17.4	0.0	0.8
Norway	227	177	19.1	40.0	40.9	0.0	0.0	16.9	0.0	4.6
Oman	357	341	2.0	2.3	27.8	51.2	16.6	0.6	0.0	4.1
Poland	254	251	1.4	14.1	62.9	17.7	3.8	0.0	0.0	1.1
Portugal	322	304	4.1	27.6	62.4	4.9	1.0	5.1	0.0	0.9
Qatar	227	218	7.2	6.5	58.4	21.4	6.6	0.0	0.0	4.0
Russian Federation	217	217	0.0	2.2	92.0	1.4	4.4	0.0	0.0	0.0
Saudi Arabia	189	183	14.9	39.8	38.1	4.1	3.1	0.5	0.0	2.8
Serbia	192	189	2.2	19.8	71.1	3.3	3.6	0.0	0.0	1.1
Singapore	358	351	0.9	31.7	63.0	3.6	0.9	1.5	0.0	0.7
Slovak Republic	328	324	10.7	52.2	35.3	0.9	0.8	1.1	0.0	0.3
Slovenia	256	239	3.4	45.4	49.7	1.5	0.0	5.4	0.0	0.7
Spain	393	368	10.8	14.6	47.6	20.8	6.2	4.1	0.0	0.6
Sweden	212	200	40.6	55.7	3.7	0.0	0.0	3.4	0.0	2.5
Turkey	251	251	0.8	2.2	69.1	26.8	1.0	0.0	0.0	0.0
United Arab Emirates	840	709	8.7	17.7	53.1	14.7	5.8	8.8	0.0	2.5
United States	492	420	39.5	37.1	18.5	4.0	0.9	12.7	0.0	2.6
International Avg (n=47)	13512	12527	23.5	27.8	38.9	7.1	2.8	4.3	0.0	2.0
Buenos Aires, Argentina	291	123	24.2	25.6	43.7	4.5	2.0	53.9	0.0	3.4
Ontario, Canada	275	240	46.0	37.8	15.2	1.0	0.0	7.4	0.0	4.4
Quebec, Canada	151	135	78.1	20.2	1.6	0.1	0.0	6.0	0.0	3.9
Norway (4)	223	181	39.5	42.5	18.0	0.0	0.0	12.4	0.0	4.1
Abu Dhabi, UAE	212	179	15.6	21.2	46.7	14.7	1.8	10.1	0.0	1.9
Dubai, UAE	290	246	7.3	19.1	52.0	14.0	7.5	8.1	0.0	2.1
Florida, US	120	91	32.2	42.9	21.5	2.2	1.2	20.6	0.0	2.5

Question: How often do you usually assign science homework to the students in this class?  
Location: TQS-06A (ATBS06A)

Country	Sample	Valid N	1.No scienc e homewo rk Mean	2.Less than once a week Mean	3.1 or 2 times a week Mean	4.3 or 4 times a week Mean	5.Ever y day Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	418	524.2	528.2	544.1	.	.	499.5	.	506.6
Bahrain	345	329	412.6	484.8	464.9	437.6	465.0	427.2	.	456.4
Belgium (Flemish)	295	287	511.7	510.4	516.6	.	.	500.5	.	550.9
Bulgaria	233	226	481.0	524.1	540.3	577.0	548.0	.	.	536.5
Canada	699	625	521.8	527.2	527.8	515.8	.	523.4	.	544.4
Chile	180	159	497.4	479.4	465.4	529.3	.	473.8	.	449.4
Chinese Taipei	178	173	553.8	558.4	552.0	.	552.9	.	.	546.6
Croatia	223	220	517.8	534.3	534.9	527.3	537.6	531.0	.	.
Cyprus	242	235	476.3	489.0	484.9	.	.	494.5	.	472.3
Czech Republic	265	263	528.6	536.6	527.3	.	.	542.1	.	.
Denmark	196	166	525.2	529.6	535.5	555.3	.	528.1	.	504.1
England	214	175	534.2	536.9	564.9	571.0	.	522.3	.	543.2
Finland	341	327	529.0	548.1	553.4	556.4	561.4	557.1	.	507.7
France	273	254	484.2	494.1	500.9	.	.	472.7	.	515.6
Georgia	188	181	414.9	451.9	443.3	457.9	472.3	438.4	.	449.1
Germany	226	196	512.8	538.1	525.3	501.4	563.2	534.0	.	500.7
Hong Kong SAR	148	141	560.4	550.7	561.2	534.7	558.6	549.3	.	588.4
Hungary	244	237	.	522.6	544.5	526.6	575.4	588.9	.	516.4
Indonesia	293	283	474.8	407.4	394.8	406.0	378.8	.	.	379.6
Iran, Islamic Rep. of	291	282	379.6	420.3	428.3	414.8	456.7	.	.	436.6
Ireland	214	213	527.2	531.7	532.7	.	.	.	.	511.6
Italy	257	236	543.7	513.7	517.3	437.1	515.4	517.3	.	494.0
Japan	157	155	568.2	570.2	569.4	.	542.9	545.1	.	569.4
Kazakhstan	239	228	465.2	502.2	553.9	552.1	546.8	529.8	.	540.3
Korea, Rep. of	182	181	590.9	587.5	590.7	.	.	594.1	.	.
Kuwait	294	264	331.5	347.3	327.6	386.6	316.0	322.9	.	385.4
Lithuania	291	285	567.5	519.9	530.2	424.5	527.4	492.7	.	374.7
Morocco	367	311	359.3	351.4	348.6	422.3	247.4	338.6	.	360.1
Netherlands	223	167	515.9	521.9	472.3	.	.	516.1	.	545.1
New Zealand	461	438	503.2	516.3	513.7	478.6	.	494.2	.	466.2
Northern Ireland	154	130	521.0	520.7	517.2	.	.	514.8	.	521.0
Norway	227	177	528.8	539.5	543.2	.	.	532.2	.	533.8
Oman	357	341	419.6	419.5	417.6	438.3	431.8	399.2	.	443.0
Poland	254	251	552.1	539.7	548.3	549.3	545.9	.	.	542.3
Portugal	322	304	498.7	512.1	508.2	507.1	482.7	502.5	.	486.3
Qatar	227	218	511.6	423.6	436.6	415.4	423.8	.	.	448.5
Russian Federation	217	217	.	491.1	569.2	597.5	553.6	.	.	.
Saudi Arabia	189	183	355.0	398.6	401.6	323.8	436.7	351.8	.	363.0
Serbia	192	189	419.5	522.3	530.3	488.0	517.5	.	.	531.9
Singapore	358	351	594.0	585.6	593.6	613.6	482.4	598.2	.	534.6
Slovak Republic	328	324	499.5	515.9	532.6	520.2	524.9	549.3	.	519.9
Slovenia	256	239	542.4	543.4	542.0	580.7	.	533.3	.	524.3
Spain	393	368	519.1	511.1	520.1	520.4	509.2	519.3	.	527.4
Sweden	212	200	535.9	544.7	538.6	.	.	532.4	.	523.9
Turkey	251	251	497.8	467.9	484.0	481.3	521.4	.	.	.
United Arab Emirates	840	709	494.2	449.1	457.8	427.8	476.2	414.4	.	410.0
United States	492	420	537.6	552.0	551.4	536.3	477.6	547.0	.	573.1
International Avg (n=47)	13512	12527	498.7	503.6	507.6	494.5	491.6	500.8	.	493.7
Buenos Aires, Argentina	291	123	429.1	415.1	415.3	458.1	355.3	416.8	.	415.7
Ontario, Canada	275	240	532.0	528.4	533.7	513.5	.	516.3	.	547.5
Quebec, Canada	151	135	521.1	532.7	506.3	564.6	.	533.2	.	539.8
Norway (4)	223	181	494.9	491.1	494.8	.	.	491.7	.	491.6
Abu Dhabi, UAE	212	179	487.0	401.6	411.9	389.3	439.7	399.5	.	312.5
Dubai, UAE	290	246	543.0	556.0	515.3	497.4	549.0	442.3	.	502.0
Florida, US	120	91	541.6	559.5	554.3	527.0	481.5	542.1	.	528.7

Question: When you assign science homework to the students in this class, about how many minutes do you usually assign?  
 Location: TQS-06B (ATBS06B)

Country	Sample	Valid N	1.15 minute s or less %	2.16-3 0 minute s %	3.31-6 0 minute s %	4.More than 60 minute s %	Not Admini stered %	Not Applic able %	Omitte d %	1.15 minute s or less Mean	2.16-3 0 minute s Mean	3.31-6 0 minute s Mean	4.More than 60 minute s Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	417	26.2	13.4	2.0	1.5	8.8	56.9	2.8	529.4	530.4	538.8	515.1	499.5	524.2	506.6
Bahrain	345	329	58.5	37.6	1.9	1.0	2.5	0.9	2.8	458.4	460.2	428.2	595.9	427.2	412.6	464.2
Belgium (Flemish)	295	286	36.5	23.3	3.5	1.5	1.2	35.2	1.1	515.1	506.1	504.1	528.6	500.5	511.7	515.2
Bulgaria	233	227	34.2	50.1	10.6	1.0	0.0	4.1	2.6	535.1	539.3	538.6	486.8	.	481.0	566.8
Canada	699	626	22.6	18.0	2.5	0.8	6.4	56.1	3.4	524.1	528.7	542.0	542.7	523.5	521.8	542.5
Chile	180	158	33.2	39.0	7.9	0.9	6.9	19.1	4.2	478.7	476.1	459.3	471.7	473.8	497.4	442.3
Chinese Taipei	178	173	36.9	29.8	3.0	0.3	0.0	30.0	2.7	557.1	555.5	543.1	578.5	.	553.8	554.9
Croatia	223	220	25.4	67.0	7.1	0.0	1.5	0.4	0.0	531.1	536.0	519.4	.	531.0	517.8	.
Cyprus	242	238	27.8	12.6	1.1	0.0	1.1	58.5	0.3	480.6	506.3	497.3	.	494.5	476.3	383.1
Czech Republic	265	262	45.9	38.9	3.6	0.4	0.8	11.2	0.3	536.4	534.0	529.2	544.4	542.1	528.6	528.7
Denmark	196	167	23.4	9.0	1.2	0.0	12.8	66.4	0.0	528.8	540.5	480.2	.	528.1	525.2	.
England	214	175	7.4	31.6	8.5	2.8	15.0	49.8	0.7	535.1	542.0	548.0	544.8	522.3	534.2	543.2
Finland	341	323	55.3	42.9	1.2	0.0	4.3	0.6	0.9	551.5	557.5	551.7	.	557.1	529.0	522.1
France	273	257	23.0	8.4	0.2	0.0	5.7	68.5	0.9	495.5	500.0	474.4	.	472.7	484.2	507.6
Georgia	188	184	47.0	48.4	2.7	0.4	0.7	1.5	2.2	454.1	451.0	454.2	492.6	438.4	414.9	416.0
Germany	226	195	43.2	34.7	0.7	0.7	10.8	20.8	2.6	531.5	533.1	559.6	556.3	534.0	512.8	502.5
Hong Kong SAR	148	136	36.4	43.2	6.3	0.0	1.1	14.2	6.5	554.1	552.7	577.6	.	549.3	560.4	567.4
Hungary	244	237	55.6	39.7	4.7	0.0	1.1	0.0	1.6	542.5	541.1	540.4	.	588.9	.	516.4
Indonesia	293	279	8.4	52.9	27.6	10.7	0.0	0.5	5.0	391.5	399.5	399.1	389.7	.	474.8	370.1
Iran, Islamic Rep. of	291	278	21.5	52.4	13.5	2.9	0.0	9.8	3.3	412.8	430.2	432.7	377.4	.	379.6	439.3
Ireland	214	213	34.3	4.8	0.3	0.0	0.0	60.6	0.7	531.7	531.4	550.5	.	.	527.2	511.6
Italy	257	241	4.8	53.2	35.0	2.0	3.9	5.0	2.3	484.7	514.3	521.8	529.5	517.3	543.7	480.8
Japan	157	150	31.6	18.0	3.6	0.0	0.3	46.9	3.4	571.0	567.9	577.2	.	545.1	568.2	561.4
Kazakhstan	239	230	16.5	53.9	23.4	5.9	0.5	0.3	3.6	544.1	546.9	559.1	563.5	529.8	465.2	539.8
Korea, Rep. of	182	181	23.1	27.5	4.0	1.4	0.6	44.0	0.0	584.5	590.9	581.7	606.0	594.1	590.9	.
Kuwait	294	270	39.8	15.1	1.7	0.4	7.9	43.0	3.1	328.2	373.2	366.6	388.5	322.9	331.5	371.7
Lithuania	291	285	47.7	46.9	4.0	0.0	1.1	1.4	0.0	526.5	528.0	534.7	430.0	492.7	567.5	374.7
Morocco	367	306	36.7	36.3	11.1	1.7	6.0	14.3	9.8	355.3	350.7	344.7	285.2	338.6	359.3	363.6
Netherlands	223	166	8.1	12.3	7.2	3.9	21.4	68.4	1.9	499.7	522.4	530.4	526.8	516.1	515.9	540.5
New Zealand	461	435	15.3	7.5	1.6	0.8	2.5	74.8	1.8	516.9	517.8	506.0	485.3	494.2	503.2	481.9
Northern Ireland	154	129	5.7	17.5	1.2	0.0	17.4	75.6	2.3	529.4	519.3	506.7	.	514.8	521.0	515.0
Norway	227	177	35.0	42.8	3.1	0.0	16.9	19.1	4.6	538.5	544.5	529.8	.	532.2	528.8	533.8
Oman	357	335	69.3	24.7	2.9	1.0	0.6	2.1	5.7	433.8	424.6	383.4	484.7	399.2	419.6	445.7
Poland	254	250	45.6	47.6	4.8	0.6	0.0	1.4	1.6	546.3	550.9	533.0	472.7	.	552.1	530.7
Portugal	322	300	30.1	54.4	10.7	0.6	5.5	4.2	1.6	509.9	509.3	504.0	501.5	503.5	498.7	501.4
Qatar	227	219	50.1	38.8	2.1	1.9	0.0	7.1	3.6	429.0	431.2	446.6	433.0	.	511.6	437.8
Russian Federation	217	215	3.9	73.8	21.5	0.8	0.0	0.0	0.9	560.2	571.8	554.3	497.2	.	.	590.5
Saudi Arabia	189	169	66.1	16.5	0.5	0.7	0.5	16.2	10.1	401.4	399.0	406.2	387.3	351.8	355.0	364.9
Serbia	192	191	10.8	71.8	14.3	1.0	0.0	2.2	0.5	524.8	526.8	528.9	513.1	.	419.5	536.3
Singapore	358	351	5.2	63.6	28.1	2.3	1.5	0.9	0.7	600.0	591.9	588.4	564.2	598.2	594.0	534.6
Slovak Republic	328	324	50.9	33.4	3.6	1.3	1.1	10.7	0.3	521.5	523.5	530.0	526.4	549.3	499.5	519.9
Slovenia	256	239	58.3	35.8	2.2	0.4	5.4	3.4	0.7	543.8	544.1	517.7	526.6	533.3	542.4	524.3
Spain	393	360	34.0	48.1	6.2	0.4	7.1	11.3	1.7	522.2	516.1	505.6	505.8	519.3	519.1	533.9
Sweden	212	200	10.6	39.4	8.6	0.9	3.4	40.5	2.3	552.5	544.2	527.9	564.3	532.4	535.9	539.4
Turkey	251	251	14.4	59.6	22.4	2.8	0.0	0.8	0.0	495.0	488.3	461.6	488.8	.	497.8	.
United Arab Emirates	840	708	42.9	39.3	8.2	0.9	8.8	8.8	3.3	442.1	457.4	484.6	462.8	414.4	494.2	413.6
United States	492	420	31.1	24.4	4.2	0.8	12.7	39.5	2.6	556.1	552.8	494.6	496.5	547.0	537.6	573.1
International Avg (n=47)	13512	12482	31.7	36.2	7.4	1.2	4.4	23.6	2.4	506.2	509.8	504.1	496.2	500.8	498.7	493.3
Buenos Aires, Argentina	291	123	9.5	35.0	26.1	5.3	53.9	24.2	3.5	405.8	418.3	420.8	385.3	416.8	429.1	423.5
Ontario, Canada	275	240	28.2	22.7	2.4	0.8	7.2	46.0	4.6	527.4	530.8	541.6	538.0	516.1	532.0	546.1
Quebec, Canada	151	137	9.6	8.5	3.2	0.9	5.9	77.8	3.6	530.1	525.1	548.4	544.4	533.6	521.1	537.0
Norway (4)	223	182	34.7	23.8	2.2	0.0	12.4	39.4	3.8	493.5	490.3	492.3	.	491.7	494.9	491.2
Abu Dhabi, UAE	212	181	41.3	38.1	3.8	1.4	10.1	15.5	1.2	409.3	403.8	361.6	470.9	399.5	487.0	275.8
Dubai, UAE	290	246	32.9	43.9	15.0	0.9	8.1	7.3	2.1	507.5	524.2	563.7	531.3	442.3	543.0	461.7
Florida, US	120	91	31.2	34.7	1.8	0.0	20.6	32.2	2.5	551.0	560.5	532.9	.	542.1	541.6	528.7

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-06Ca (ATBS06CA)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	29.3	9.3	3.9	8.8	57.5	3.6	528.8	532.1	534.9	499.5	524.2	507.4
Bahrain	345	329	89.0	10.0	0.1	2.5	0.9	2.5	462.1	441.1	278.1	427.2	412.6	471.3
Belgium (Flemish)	295	284	47.7	12.0	5.0	1.2	35.3	1.5	514.2	507.5	496.2	500.5	511.7	512.2
Bulgaria	233	224	76.0	19.8	0.0	0.0	4.2	4.4	535.7	544.6	.	.	481.0	547.8
Canada	699	623	28.7	12.8	2.2	6.4	56.3	3.7	527.7	528.3	517.6	523.5	521.8	540.1
Chile	180	157	66.5	13.8	0.6	6.9	19.1	4.3	476.0	472.4	496.0	473.8	497.4	442.6
Chinese Taipei	178	173	54.6	15.4	0.0	0.0	30.0	2.7	557.0	552.3	.	.	553.8	554.9
Croatia	223	220	64.8	34.7	0.0	1.5	0.4	0.0	532.6	535.3	.	531.0	517.8	.
Cyprus	242	234	36.1	4.0	0.2	1.1	59.7	2.3	488.5	483.1	445.3	494.5	476.3	492.0
Czech Republic	265	260	76.3	10.8	1.6	0.8	11.4	1.7	534.7	535.5	543.7	542.1	528.6	542.0
Denmark	196	162	5.8	17.9	7.9	12.8	68.3	2.5	502.0	532.1	543.0	528.1	525.2	540.6
England	214	175	33.0	15.0	2.3	15.0	49.8	0.7	543.5	540.1	535.2	522.3	534.2	543.2
Finland	341	322	23.2	55.0	21.2	4.3	0.6	1.3	540.9	557.2	559.5	557.1	529.0	548.4
France	273	252	16.6	6.6	7.3	5.7	69.5	2.2	499.3	496.4	487.9	472.7	484.2	509.5
Georgia	188	175	77.0	20.7	0.6	0.7	1.6	7.2	453.5	443.0	464.3	438.4	414.9	458.6
Germany	226	191	34.0	38.1	6.6	10.8	21.3	4.6	533.9	531.6	535.8	534.0	512.8	511.9
Hong Kong SAR	148	136	68.7	16.0	1.1	1.1	14.1	6.2	555.1	558.1	524.9	549.3	560.4	566.0
Hungary	244	235	72.0	26.1	1.9	1.1	0.0	2.6	536.6	556.3	547.1	588.9	.	524.9
Indonesia	293	279	90.4	8.9	0.2	0.0	0.5	5.0	397.6	396.1	498.8	.	474.8	370.1
Iran, Islamic Rep. of	291	274	58.9	30.5	0.8	0.0	9.9	4.2	425.9	421.5	450.4	.	379.6	440.4
Ireland	214	211	28.6	9.6	0.5	0.0	61.3	1.8	533.3	527.2	536.9	.	527.2	523.4
Italy	257	239	78.8	16.2	0.0	3.9	5.0	2.9	514.0	524.1	494.4	517.3	543.7	494.8
Japan	157	150	33.6	14.6	4.9	0.3	46.9	3.4	569.4	574.2	565.8	545.1	568.2	561.4
Kazakhstan	239	224	86.6	13.0	0.0	0.5	0.3	6.3	552.1	546.0	.	529.8	465.2	530.3
Korea, Rep. of	182	181	25.2	29.2	1.6	0.6	44.0	0.0	587.2	589.5	575.2	594.1	590.9	.
Kuwait	294	265	42.5	12.4	1.5	7.9	43.7	4.4	352.6	314.9	241.2	322.9	331.5	365.5
Lithuania	291	279	46.6	46.8	5.2	1.1	1.4	1.5	526.9	530.4	513.5	492.7	567.5	504.8
Morocco	367	303	56.0	29.2	0.4	6.0	14.4	10.4	354.0	345.2	224.1	338.6	359.3	364.4
Netherlands	223	162	16.5	5.0	8.7	21.4	69.8	3.4	511.0	527.0	527.1	516.1	515.9	535.3
New Zealand	461	435	17.5	6.0	1.6	2.5	74.9	1.9	513.8	510.3	553.9	494.2	503.2	483.4
Northern Ireland	154	128	18.9	4.8	0.0	17.4	76.3	3.0	522.5	507.2	.	514.8	521.0	526.5
Norway	227	175	33.1	30.9	16.7	16.9	19.3	5.2	544.4	538.2	540.6	532.2	528.8	536.3
Oman	357	335	89.3	8.7	0.0	0.6	2.1	5.3	431.6	424.5	.	399.2	419.6	438.0
Poland	254	251	70.0	28.6	0.0	0.0	1.4	1.1	545.2	552.9	.	.	552.1	521.5
Portugal	322	298	90.3	4.5	1.0	5.5	4.2	2.2	508.6	509.3	518.2	503.5	498.7	507.1
Qatar	227	219	83.4	9.5	0.0	0.0	7.1	3.6	425.6	472.2	.	.	511.6	437.8
Russian Federation	217	212	68.5	29.2	2.3	0.0	0.0	2.2	567.7	566.8	575.3	.	.	547.3
Saudi Arabia	189	166	70.1	12.5	0.9	0.5	16.5	11.8	402.9	382.5	436.9	351.8	355.0	374.0
Serbia	192	185	52.1	44.8	0.9	0.0	2.2	3.2	523.5	532.4	513.5	.	419.5	507.4
Singapore	358	351	92.2	6.6	0.3	1.5	0.9	0.7	591.0	590.9	508.1	598.2	594.0	534.6
Slovak Republic	328	323	66.6	21.0	1.7	1.1	10.7	0.6	525.0	514.0	536.9	549.3	499.5	524.7
Slovenia	256	237	40.1	49.1	7.4	5.4	3.4	1.4	539.9	546.4	540.8	533.3	542.4	535.3
Spain	393	361	80.8	5.9	2.0	7.1	11.3	1.6	516.8	529.8	510.8	519.3	519.1	538.9
Sweden	212	199	36.3	14.9	8.3	3.4	40.6	2.4	541.7	541.0	557.3	532.4	535.9	537.9
Turkey	251	250	77.5	21.5	0.2	0.0	0.8	0.5	483.0	484.0	490.6	.	497.8	492.5
United Arab Emirates	840	705	75.2	15.3	0.7	8.8	8.9	4.2	459.3	424.5	373.2	414.4	494.2	420.7
United States	492	420	41.9	15.1	3.6	12.7	39.5	2.6	554.2	543.4	522.5	547.0	537.6	573.1
International Avg (n=47)	13512	12386	54.6	18.8	2.8	4.4	23.8	3.2	507.3	506.7	495.3	500.8	498.7	500.9
Buenos Aires, Argentina	291	120	65.4	9.8	0.0	53.9	24.8	4.5	420.6	382.7	.	416.8	429.1	419.2
Ontario, Canada	275	239	31.8	18.5	3.4	7.2	46.3	5.3	530.7	531.0	514.3	516.1	532.0	543.0
Quebec, Canada	151	136	16.5	5.2	0.4	5.9	77.9	3.6	534.0	523.7	536.3	533.6	521.1	536.1
Norway (4)	223	180	25.4	28.0	6.9	12.4	39.7	4.5	500.6	485.2	491.6	491.7	494.9	489.2
Abu Dhabi, UAE	212	177	61.9	20.8	1.3	10.1	16.0	3.7	426.7	350.4	322.5	399.5	487.0	355.3
Dubai, UAE	290	247	75.8	16.8	0.1	8.1	7.2	1.2	522.5	529.7	548.8	442.3	543.0	478.2
Florida, US	120	90	47.9	19.3	0.0	20.6	32.8	3.9	567.9	522.5	.	542.1	541.6	545.1

Question: How often do you do the following with the science homework assignments for this class? Discuss the homework in class  
Location: TQS-06Cb (ATBS06CB)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	418	30.4	11.7	0.9	8.8	56.9	2.8	527.1	535.2	541.3	499.5	524.2	506.6
Bahrain	345	329	55.2	43.5	0.4	2.5	0.9	2.7	459.5	461.7	363.1	427.2	412.6	457.3
Belgium (Flemish)	295	285	43.3	19.1	2.3	1.2	35.3	1.3	515.3	507.2	475.9	500.5	511.7	516.9
Bulgaria	233	225	56.8	38.5	0.5	0.0	4.1	3.7	542.1	529.7	504.9	.	481.0	564.5
Canada	699	625	32.6	10.2	1.0	6.4	56.2	3.5	528.5	528.1	468.7	523.5	521.8	545.1
Chile	180	155	70.4	10.1	0.0	6.9	19.5	6.0	476.3	468.4	.	473.8	497.4	454.1
Chinese Taipei	178	172	42.8	26.9	0.0	0.0	30.2	3.4	558.9	551.3	.	.	553.8	554.4
Croatia	223	219	50.2	49.4	0.0	1.5	0.4	0.3	530.8	536.5	.	531.0	517.8	509.6
Cyprus	242	237	33.3	7.6	0.2	1.1	58.8	0.9	491.0	483.7	445.3	494.5	476.3	423.4
Czech Republic	265	261	71.4	17.3	0.0	0.8	11.4	1.4	535.2	533.1	.	542.1	528.6	549.6
Denmark	196	164	11.2	19.3	1.8	12.8	67.6	1.6	528.9	528.2	566.0	528.1	525.2	525.4
England	214	175	25.9	22.7	1.6	15.0	49.8	0.7	536.7	547.5	553.6	522.3	534.2	543.2
Finland	341	324	82.1	16.1	1.2	4.3	0.6	0.3	553.3	557.3	538.3	557.1	529.0	553.7
France	273	255	17.9	9.8	3.2	5.7	69.1	1.7	497.2	496.4	490.4	472.7	484.2	509.3
Georgia	188	179	73.8	24.6	0.0	0.7	1.6	5.2	452.8	448.1	.	438.4	414.9	456.3
Germany	226	196	66.3	12.4	0.6	10.8	20.7	2.1	531.9	533.8	573.4	534.0	512.8	500.7
Hong Kong SAR	148	137	33.3	52.7	0.0	1.1	14.1	5.9	562.1	550.5	.	549.3	560.4	570.5
Hungary	244	235	99.5	0.5	0.0	1.1	0.0	2.6	541.6	613.1	.	588.9	.	524.9
Indonesia	293	279	68.8	30.3	0.5	0.0	0.5	5.0	406.2	378.6	378.3	.	474.8	370.1
Iran, Islamic Rep. of	291	278	62.3	27.5	0.4	0.0	9.8	3.8	424.9	427.2	410.9	.	379.6	420.3
Ireland	214	212	32.6	5.7	0.6	0.0	61.1	1.4	532.4	522.5	574.3	.	527.2	527.1
Italy	257	240	80.7	14.2	0.0	3.9	5.0	2.9	515.6	519.6	.	517.3	543.7	480.3
Japan	157	150	17.8	21.1	14.2	0.3	46.9	3.4	575.5	567.3	568.6	545.1	568.2	561.4
Kazakhstan	239	227	88.9	9.9	0.8	0.5	0.3	4.7	550.8	560.2	497.3	529.8	465.2	522.7
Korea, Rep. of	182	181	13.8	38.1	4.1	0.6	44.0	0.0	591.7	586.7	588.2	594.1	590.9	.
Kuwait	294	264	35.0	19.3	1.8	7.9	43.9	4.9	349.7	329.7	266.8	322.9	331.5	375.5
Lithuania	291	283	82.5	15.9	0.1	1.1	1.4	0.5	527.8	527.2	426.6	492.7	567.5	514.7
Morocco	367	303	65.2	19.7	0.7	6.0	14.4	10.7	349.4	351.5	351.3	338.6	359.3	367.3
Netherlands	223	163	13.5	7.6	8.8	21.4	70.1	3.7	514.5	522.9	520.8	516.1	515.9	532.6
New Zealand	461	436	20.7	4.6	0.0	2.5	74.7	1.7	516.1	513.9	.	494.2	503.2	476.1
Northern Ireland	154	127	19.9	3.3	0.0	17.4	76.8	3.5	522.2	505.3	.	514.8	521.0	523.5
Norway	227	176	54.6	23.7	2.5	16.9	19.2	4.8	544.0	535.5	536.0	532.2	528.8	535.6
Oman	357	331	67.1	30.3	0.6	0.6	2.1	7.3	429.9	430.7	493.7	399.2	419.6	442.4
Poland	254	248	49.3	48.2	1.1	0.0	1.4	1.9	548.4	546.8	577.9	.	552.1	506.1
Portugal	322	297	70.6	24.1	1.1	5.5	4.2	2.5	509.2	509.2	485.3	503.5	498.7	500.9
Qatar	227	216	70.7	21.8	0.3	0.0	7.2	5.1	430.6	430.5	479.3	.	511.6	430.3
Russian Federation	217	216	83.5	16.5	0.0	0.0	0.0	0.5	570.5	549.8	.	.	.	588.5
Saudi Arabia	189	167	67.0	15.9	0.7	0.5	16.4	11.3	406.2	386.1	312.2	351.8	355.0	363.4
Serbia	192	189	58.0	39.8	0.0	0.0	2.2	1.9	526.2	527.8	.	.	419.5	527.3
Singapore	358	351	82.4	16.4	0.3	1.5	0.9	0.7	590.3	592.0	639.1	598.2	594.0	534.6
Slovak Republic	328	321	70.5	18.7	0.0	1.1	10.8	1.0	524.0	518.1	.	549.3	499.5	512.9
Slovenia	256	238	88.2	8.5	0.0	5.4	3.4	1.1	543.7	539.1	.	533.3	542.4	527.6
Spain	393	359	67.1	18.8	2.8	7.1	11.3	2.0	517.8	522.3	498.6	519.3	519.1	510.9
Sweden	212	199	44.5	14.1	0.8	3.4	40.6	2.5	544.6	544.6	550.6	532.4	535.9	516.5
Turkey	251	247	51.3	47.0	0.9	0.0	0.8	1.5	484.6	481.5	460.9	.	497.8	506.9
United Arab Emirates	840	704	70.5	20.1	0.6	8.8	8.8	3.8	461.6	423.3	374.8	414.4	494.2	420.7
United States	492	418	42.9	16.9	0.6	12.7	39.7	3.0	553.1	541.9	557.3	547.0	537.6	564.5
International Avg (n=47)	13512	12411	54.0	21.1	1.2	4.4	23.7	3.0	509.2	506.4	487.0	500.8	498.7	498.4
Buenos Aires, Argentina	291	120	55.8	18.2	1.2	53.9	24.7	4.3	421.7	393.1	392.4	416.8	429.1	429.3
Ontario, Canada	275	240	39.5	12.8	1.7	7.2	46.0	4.6	531.2	533.9	460.2	516.1	532.0	546.1
Quebec, Canada	151	137	18.0	4.2	0.0	5.9	77.8	3.6	535.2	515.2	.	533.6	521.1	537.0
Norway (4)	223	181	37.7	20.4	2.1	12.4	39.7	4.6	497.8	482.4	498.4	491.7	494.9	486.9
Abu Dhabi, UAE	212	178	57.3	25.7	1.2	10.1	15.8	2.6	422.4	368.5	322.9	399.5	487.0	379.8
Dubai, UAE	290	246	73.1	19.1	0.5	8.1	7.3	1.2	529.6	500.5	513.7	442.3	543.0	501.6
Florida, US	120	91	52.5	14.2	1.1	20.6	32.2	2.5	563.7	524.1	562.8	542.1	541.6	528.7

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-06Cc (ATBS06CC)

Country	Sample	Valid N	1.Always or almost always %	2.Some times %	3.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Always or almost always Mean	2.Some times Mean	3.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	417	34.0	6.2	2.3	8.8	57.5	3.6	529.5	526.7	546.6	499.5	524.2	507.4
Bahrain	345	327	88.2	10.3	0.6	2.5	0.9	2.9	459.9	465.2	402.9	427.2	412.6	456.7
Belgium (Flemish)	295	282	59.6	3.6	1.1	1.2	35.7	2.4	511.2	519.8	480.1	500.5	511.7	523.3
Bulgaria	233	226	92.8	3.1	0.0	0.0	4.1	3.0	536.4	561.0	.	.	481.0	562.8
Canada	699	623	35.1	7.4	1.3	6.4	56.2	3.5	527.8	533.9	468.1	523.5	521.8	544.5
Chile	180	153	68.3	12.0	0.0	6.9	19.7	6.9	477.4	466.5	.	473.8	497.4	452.5
Chinese Taipei	178	172	56.3	13.5	0.0	0.0	30.2	3.4	557.0	551.9	.	.	553.8	554.4
Croatia	223	220	93.5	6.0	0.0	1.5	0.4	0.0	533.3	537.3	.	531.0	517.8	.
Cyprus	242	237	40.4	0.5	0.2	1.1	58.8	0.9	489.7	487.9	445.3	494.5	476.3	423.4
Czech Republic	265	260	83.0	4.5	1.1	0.8	11.3	1.0	535.1	537.8	497.4	542.1	528.6	558.8
Denmark	196	163	10.7	21.1	0.0	12.8	68.1	2.3	532.7	528.4	.	528.1	525.2	535.0
England	214	174	43.6	5.6	0.8	15.0	50.0	1.0	544.0	536.0	498.2	522.3	534.2	533.4
Finland	341	323	89.5	9.3	0.5	4.3	0.6	0.7	553.7	557.2	546.6	557.1	529.0	534.6
France	273	254	19.3	7.7	4.0	5.7	69.0	1.5	494.6	505.0	489.7	472.7	484.2	503.5
Georgia	188	175	91.9	3.7	2.8	0.7	1.6	7.1	453.3	429.4	450.0	438.4	414.9	447.0
Germany	226	192	70.7	6.9	1.2	10.8	21.2	4.1	532.6	532.3	551.2	534.0	512.8	510.8
Hong Kong SAR	148	137	60.8	16.2	9.0	1.1	14.1	5.9	560.1	536.0	554.4	549.3	560.4	570.5
Hungary	244	235	97.5	2.5	0.0	1.1	0.0	2.6	543.1	497.5	.	588.9	.	524.9
Indonesia	293	278	89.7	9.4	0.4	0.0	0.5	5.3	398.4	388.6	514.6	.	474.8	366.5
Iran, Islamic Rep. of	291	276	71.4	18.8	0.0	0.0	9.9	4.3	425.0	427.5	.	.	379.6	421.9
Ireland	214	211	37.3	1.4	0.1	0.0	61.3	1.8	532.7	509.0	526.2	.	527.2	523.4
Italy	257	239	88.4	6.0	0.6	3.9	5.1	3.4	517.1	502.6	497.1	517.3	543.7	488.4
Japan	157	150	46.8	5.2	1.1	0.3	46.9	3.4	569.4	580.8	562.7	545.1	568.2	561.4
Kazakhstan	239	228	98.0	1.5	0.2	0.5	0.3	3.9	549.8	568.8	637.1	529.8	465.2	542.2
Korea, Rep. of	182	181	46.7	9.3	0.0	0.6	44.0	0.0	587.3	591.5	.	594.1	590.9	.
Kuwait	294	263	44.9	8.5	2.5	7.9	44.1	5.3	350.4	319.7	253.6	322.9	331.5	362.1
Lithuania	291	279	86.2	11.6	0.8	1.1	1.4	1.3	529.9	512.0	521.1	492.7	567.5	507.7
Morocco	367	302	68.4	15.8	1.4	6.0	14.4	10.9	349.1	357.5	317.2	338.6	359.3	365.5
Netherlands	223	161	15.8	3.0	10.5	21.4	70.7	4.3	510.2	536.3	524.1	516.1	515.9	533.8
New Zealand	461	435	20.5	4.2	0.4	2.5	74.9	1.9	517.0	509.1	509.5	494.2	503.2	483.4
Northern Ireland	154	127	22.7	0.5	0.0	17.4	76.8	3.5	520.2	501.7	.	514.8	521.0	523.5
Norway	227	175	64.5	14.3	1.9	16.9	19.3	5.2	541.6	540.5	535.0	532.2	528.8	536.3
Oman	357	327	87.7	10.2	0.0	0.6	2.1	8.8	429.5	437.9	.	399.2	419.6	441.4
Poland	254	247	93.1	5.5	0.0	0.0	1.4	2.2	548.0	546.9	.	.	552.1	513.0
Portugal	322	296	92.2	3.1	0.5	5.5	4.2	2.9	509.2	502.4	493.5	503.5	498.7	503.6
Qatar	227	216	83.7	7.6	1.4	0.0	7.2	5.1	431.2	451.1	289.3	.	511.6	430.3
Russian Federation	217	214	93.0	6.1	1.0	0.0	0.0	1.3	567.6	562.8	561.2	.	.	563.9
Saudi Arabia	189	165	71.2	12.2	0.0	0.5	16.6	12.6	400.6	401.8	.	351.8	355.0	372.5
Serbia	192	185	88.7	9.0	0.0	0.0	2.2	3.6	526.0	543.0	.	.	419.5	507.3
Singapore	358	351	91.5	7.2	0.4	1.5	0.9	0.7	591.6	573.6	678.0	598.2	594.0	534.6
Slovak Republic	328	321	79.7	8.4	1.1	1.1	10.8	1.2	522.3	526.4	526.1	549.3	499.5	515.7
Slovenia	256	237	93.7	2.9	0.0	5.4	3.4	1.4	542.9	554.2	.	533.3	542.4	535.3
Spain	393	357	82.9	4.8	0.9	7.1	11.4	2.7	517.5	529.8	487.3	519.3	519.1	521.8
Sweden	212	197	48.7	6.6	3.6	3.4	41.1	3.6	542.2	548.5	558.2	532.4	535.9	537.3
Turkey	251	249	82.0	17.2	0.0	0.0	0.8	0.7	483.1	483.2	.	.	497.8	511.4
United Arab Emirates	840	701	81.1	9.9	0.1	8.8	8.9	4.3	459.1	401.5	351.7	414.4	494.2	423.4
United States	492	418	55.7	3.9	0.7	12.7	39.7	3.1	553.9	511.5	505.4	547.0	537.6	554.2
International Avg (n=47)	13512	12356	67.3	7.7	1.2	4.4	23.8	3.4	508.4	504.9	493.1	500.8	498.7	498.3
Buenos Aires, Argentina	291	120	63.4	11.9	0.0	53.9	24.7	4.3	419.9	384.5	.	416.8	429.1	429.3
Ontario, Canada	275	240	39.8	12.2	2.0	7.2	46.0	4.6	532.0	534.2	453.0	516.1	532.0	546.1
Quebec, Canada	151	136	20.6	1.1	0.4	5.9	77.9	3.6	531.6	530.3	536.3	533.6	521.1	536.1
Norway (4)	223	180	46.8	8.1	5.1	12.4	39.9	4.9	493.0	495.2	484.5	491.7	494.9	488.0
Abu Dhabi, UAE	212	175	67.9	15.7	0.4	10.1	16.1	4.2	415.8	352.3	351.7	399.5	487.0	403.9
Dubai, UAE	290	246	82.6	10.1	0.0	8.1	7.3	1.2	527.4	491.5	.	442.3	543.0	501.6
Florida, US	120	91	57.2	10.5	0.0	20.6	32.2	2.5	561.6	521.7	.	542.1	541.6	528.7



Question: How much emphasis do you place on the following sources to monitor students' progress in science? Assessment of students' ongoing work  
 Location: TQS-07a (ATBS07A)

Country	Sample	Valid N	1.Major emphas is %	2.Some emphas is %	3.Little or no emphas is %	Not Admini stered %	Not Applic able %	Omitte d %	1.Major emphas is Mean	2.Some emphas is Mean	3.Little or no emphas is Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	75.1	22.5	2.4	8.8	0.0	2.8	526.0	526.0	548.4	499.5	.	507.0
Bahrain	345	298	83.8	16.2	0.0	2.5	0.0	8.9	459.9	458.1	.	427.2	.	459.7
Belgium (Flemish)	295	282	80.3	18.9	0.8	1.2	0.0	2.1	510.4	516.0	529.7	500.5	.	512.9
Bulgaria	233	227	93.0	7.0	0.0	0.0	0.0	4.2	536.7	515.7	.	.	.	545.6
Canada	699	621	76.6	22.4	0.9	6.4	0.0	4.6	523.2	527.8	526.6	523.5	.	537.1
Chile	180	152	87.0	12.1	0.9	6.9	0.0	6.4	478.2	481.3	420.5	473.8	.	476.9
Chinese Taipei	178	172	59.9	39.8	0.3	0.0	0.0	2.8	554.4	556.0	543.5	.	.	565.3
Croatia	223	220	92.0	8.0	0.0	1.5	0.0	0.0	534.2	524.6	.	531.0	.	.
Cyprus	242	219	76.9	21.2	1.9	1.1	0.0	7.7	480.9	481.4	469.4	494.5	.	485.7
Czech Republic	265	262	74.7	24.9	0.4	0.8	0.0	0.6	533.9	534.7	550.7	542.1	.	556.3
Denmark	196	165	64.4	34.2	1.4	12.8	0.0	1.4	526.9	526.9	529.1	528.1	.	522.0
England	214	175	76.4	21.3	2.3	15.0	0.0	0.7	538.3	543.6	485.1	522.3	.	543.2
Finland	341	325	70.7	28.6	0.6	4.3	0.0	0.3	551.2	559.7	549.0	557.1	.	567.7
France	273	258	60.4	36.9	2.7	5.7	0.0	0.2	484.7	493.6	492.2	472.7	.	531.7
Georgia	188	178	82.5	17.5	0.0	0.7	0.0	4.2	452.5	440.6	.	438.4	.	471.7
Germany	226	194	81.2	18.4	0.4	10.8	0.0	2.2	527.8	532.3	517.0	534.0	.	497.8
Hong Kong SAR	148	137	62.5	34.2	3.4	1.1	0.0	6.4	558.9	558.6	522.4	549.3	.	543.4
Hungary	244	237	92.1	7.9	0.0	1.1	0.0	1.6	541.7	543.9	.	588.9	.	516.4
Indonesia	293	282	32.1	62.4	5.6	0.0	0.0	3.5	393.4	396.2	396.7	.	.	433.4
Iran, Islamic Rep. of	291	288	82.3	17.4	0.2	0.0	0.0	0.5	422.7	411.3	418.1	.	.	475.7
Ireland	214	213	53.1	40.1	6.8	0.0	0.0	0.3	528.2	528.8	534.9	.	.	522.0
Italy	257	238	87.2	10.5	2.3	3.9	0.0	2.4	517.4	513.1	506.8	517.3	.	507.5
Japan	157	152	73.4	25.2	1.5	0.3	0.0	2.1	570.4	564.2	569.0	545.1	.	583.0
Kazakhstan	239	228	94.6	4.9	0.5	0.5	0.0	5.1	548.8	562.9	738.7	529.8	.	536.7
Korea, Rep. of	182	181	62.3	33.9	3.8	0.6	0.0	0.0	589.7	589.2	582.6	594.1	.	.
Kuwait	294	254	76.3	21.9	1.9	7.9	0.0	8.8	338.1	337.0	282.9	322.9	.	353.6
Lithuania	291	284	88.9	10.0	1.1	1.1	0.0	0.1	528.3	526.9	526.4	492.7	.	448.6
Morocco	367	288	73.7	25.2	1.1	6.0	0.0	15.2	357.1	343.5	337.4	338.6	.	351.2
Netherlands	223	163	53.7	36.7	9.6	21.4	0.0	3.8	522.2	510.4	513.7	516.1	.	524.3
New Zealand	461	438	58.9	35.2	5.9	2.5	0.0	1.4	511.4	501.8	479.5	494.2	.	485.0
Northern Ireland	154	130	45.5	35.8	18.8	17.4	0.0	0.7	522.8	515.1	524.8	514.8	.	562.2
Norway	227	177	66.9	28.8	4.3	16.9	0.0	4.6	541.3	535.9	523.2	532.2	.	533.8
Oman	357	292	83.8	15.0	1.1	0.6	0.0	18.5	435.3	418.7	342.2	399.2	.	428.3
Poland	254	246	76.6	23.4	0.0	0.0	0.0	3.0	545.8	550.3	.	.	.	558.1
Portugal	322	295	97.6	2.4	0.0	5.1	0.0	3.5	509.1	495.6	.	502.5	.	497.0
Qatar	227	210	90.5	8.1	1.4	0.0	0.0	7.1	437.2	403.3	511.3	.	.	446.0
Russian Federation	217	209	83.1	16.1	0.9	0.0	0.0	4.2	563.5	588.8	565.4	.	.	557.8
Saudi Arabia	189	166	71.9	26.2	1.8	0.5	0.0	10.8	392.2	385.6	452.4	351.8	.	381.5
Serbia	192	174	88.1	11.7	0.2	0.0	0.0	7.5	524.3	519.3	506.2	.	.	534.4
Singapore	358	350	89.0	11.0	0.0	1.5	0.0	1.0	592.2	576.5	.	598.2	.	576.5
Slovak Republic	328	322	81.4	18.6	0.0	1.1	0.0	0.8	520.3	518.3	.	549.3	.	554.0
Slovenia	256	239	89.8	9.8	0.4	5.4	0.0	0.7	543.2	545.0	521.7	533.3	.	524.3
Spain	393	354	96.0	3.9	0.0	4.1	0.0	4.0	516.9	525.5	579.1	519.3	.	540.3
Sweden	212	202	83.0	17.0	0.0	3.4	0.0	1.2	539.9	545.4	.	532.4	.	510.6
Turkey	251	243	91.6	8.1	0.4	0.0	0.0	4.4	486.0	458.9	463.4	.	.	475.9
United Arab Emirates	840	654	88.2	11.0	0.8	8.8	0.0	10.6	459.1	447.2	408.9	414.4	.	435.4
United States	492	416	76.0	22.1	1.9	12.7	0.0	3.2	549.4	531.7	517.6	547.0	.	568.2
International Avg (n=47)	13512	12225	77.1	20.9	1.9	4.3	0.0	4.0	506.9	503.6	499.6	500.8	.	505.5
Buenos Aires, Argentina	291	121	85.3	13.9	0.8	53.9	0.0	3.8	420.3	407.4	490.6	416.8	.	419.0
Ontario, Canada	275	235	75.3	24.7	0.0	7.2	0.0	6.9	529.1	536.8	.	516.1	.	537.5
Quebec, Canada	151	137	73.0	25.2	1.8	5.9	0.0	3.6	523.4	523.3	525.9	533.6	.	537.0
Norway (4)	223	182	66.6	29.8	3.6	12.4	0.0	3.8	494.5	489.4	502.5	491.7	.	491.2
Abu Dhabi, UAE	212	172	86.7	11.5	1.8	10.1	0.0	10.9	412.9	406.3	431.7	399.5	.	444.7
Dubai, UAE	290	225	88.0	12.0	0.0	8.1	0.0	9.0	532.3	506.1	.	442.3	.	482.6
Florida, US	120	89	72.2	23.0	4.7	20.6	0.0	3.7	555.4	544.4	523.8	542.1	.	526.6

Question: How much emphasis do you place on the following sources to monitor students' progress in science? Classroom tests  
 Location: TQS-07b (ATBS07B)

Country	Sample	Valid N	1.Major emphas is %	2.Some emphas is %	3.Little or no emphas is %	Not Admini stered %	Not Applic able %	Omitte d %	1.Major emphas is Mean	2.Some emphas is Mean	3.Little or no emphas is Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	415	31.8	48.8	19.4	8.8	0.0	2.8	518.8	527.9	535.9	499.5	.	507.0
Bahrain	345	302	81.8	16.7	1.5	2.5	0.0	7.8	456.0	475.5	434.5	427.2	.	467.1
Belgium (Flemish)	295	282	76.7	22.0	1.4	1.2	0.0	2.1	512.8	507.2	514.7	500.5	.	512.9
Bulgaria	233	227	70.2	29.8	0.0	0.0	0.0	4.2	535.7	534.2	.	.	.	545.6
Canada	699	621	40.2	51.5	8.3	6.4	0.0	4.6	527.7	520.5	530.4	523.5	.	537.1
Chile	180	153	80.8	19.2	0.0	6.9	0.0	5.9	480.7	466.2	.	473.8	.	479.1
Chinese Taipei	178	173	52.1	45.9	2.0	0.0	0.0	2.5	552.5	556.7	581.4	.	.	566.5
Croatia	223	220	69.0	31.0	0.0	1.5	0.0	0.0	532.8	535.1	.	531.0	.	.
Cyprus	242	228	37.4	48.2	14.4	1.1	0.0	4.0	482.2	481.4	485.0	494.5	.	456.2
Czech Republic	265	263	50.0	49.4	0.6	0.8	0.0	0.0	530.8	538.2	501.0	542.1	.	.
Denmark	196	163	6.0	50.0	43.9	12.8	0.0	2.3	527.4	525.2	528.2	528.1	.	535.3
England	214	174	16.3	50.8	33.0	15.0	0.0	1.3	533.5	545.5	530.1	522.3	.	522.5
Finland	341	324	67.8	30.9	1.3	4.3	0.0	0.4	555.9	550.7	502.3	557.1	.	570.9
France	273	258	45.7	50.0	4.3	5.7	0.0	0.2	484.1	492.3	484.0	472.7	.	531.7
Georgia	188	178	75.4	24.6	0.0	0.7	0.0	4.2	453.9	439.8	.	438.4	.	471.7
Germany	226	196	34.3	61.2	4.5	10.8	0.0	2.1	529.1	529.6	508.6	534.0	.	500.7
Hong Kong SAR	148	137	45.2	37.1	17.7	1.1	0.0	6.4	556.2	559.3	557.4	549.3	.	543.4
Hungary	244	237	71.5	27.3	1.2	1.1	0.0	1.6	544.4	539.6	438.9	588.9	.	516.4
Indonesia	293	282	44.2	48.3	7.4	0.0	0.0	3.5	399.6	393.4	382.2	.	.	433.4
Iran, Islamic Rep. of	291	288	76.9	22.9	0.2	0.0	0.0	0.5	419.2	425.7	418.1	.	.	475.7
Ireland	214	211	18.0	49.5	32.5	0.0	0.0	1.3	536.3	522.9	534.6	.	.	510.9
Italy	257	237	59.8	38.2	2.0	3.9	0.0	3.0	515.6	519.3	495.6	517.3	.	511.8
Japan	157	152	92.8	7.2	0.0	0.3	0.0	2.1	569.1	565.0	.	545.1	.	583.0
Kazakhstan	239	228	88.5	10.4	1.1	0.5	0.0	4.9	549.8	550.5	524.4	529.8	.	550.5
Korea, Rep. of	182	181	60.2	37.1	2.7	0.6	0.0	0.0	592.6	584.0	589.0	594.1	.	.
Kuwait	294	255	76.7	22.2	1.0	7.9	0.0	8.1	339.8	325.9	390.9	322.9	.	350.7
Lithuania	291	285	81.8	18.1	0.1	1.1	0.0	0.0	529.0	524.2	478.7	492.7	.	374.7
Morocco	367	286	74.8	24.4	0.8	6.0	0.0	15.4	357.5	341.0	354.0	338.6	.	351.1
Netherlands	223	162	50.6	30.1	19.4	21.4	0.0	4.0	521.5	517.5	505.5	516.1	.	521.2
New Zealand	461	436	9.5	53.3	37.2	2.5	0.0	1.8	523.3	501.2	509.2	494.2	.	480.7
Northern Ireland	154	130	4.2	32.7	63.1	17.4	0.0	0.5	523.6	523.8	519.5	514.8	.	483.9
Norway	227	176	26.8	58.0	15.2	16.9	0.0	4.9	541.7	539.0	534.0	532.2	.	534.8
Oman	357	292	84.9	14.4	0.6	0.6	0.0	18.5	434.6	412.9	493.7	399.2	.	428.2
Poland	254	246	81.9	18.1	0.0	0.0	0.0	3.1	545.7	551.7	.	.	.	559.5
Portugal	322	294	84.3	15.4	0.3	5.1	0.0	4.2	509.2	506.2	562.6	502.5	.	497.3
Qatar	227	210	84.5	12.8	2.6	0.0	0.0	7.1	431.2	443.8	533.1	.	.	446.0
Russian Federation	217	209	87.1	12.9	0.0	0.0	0.0	4.2	564.4	589.5	.	.	.	557.8
Saudi Arabia	189	165	76.0	22.3	1.8	0.5	0.0	11.1	400.7	364.1	333.1	351.8	.	383.7
Serbia	192	174	52.9	47.1	0.0	0.0	0.0	7.5	528.2	518.6	.	.	.	534.4
Singapore	358	350	69.2	29.0	1.8	1.5	0.0	1.0	590.7	591.3	571.3	598.2	.	576.5
Slovak Republic	328	321	41.8	57.3	0.9	1.1	0.0	0.9	525.2	516.5	509.6	549.3	.	536.3
Slovenia	256	239	75.6	24.4	0.0	5.4	0.0	0.7	543.0	544.1	.	533.3	.	524.3
Spain	393	353	47.4	49.8	2.8	4.1	0.0	4.3	518.2	515.4	536.0	519.3	.	536.1
Sweden	212	202	28.4	64.1	7.5	3.4	0.0	1.2	543.2	540.9	531.3	532.4	.	510.6
Turkey	251	242	81.1	18.9	0.0	0.0	0.0	4.8	482.4	486.5	.	.	.	487.7
United Arab Emirates	840	656	67.6	28.1	4.3	8.8	0.0	10.0	460.5	448.8	476.4	414.4	.	429.7
United States	492	416	54.1	38.2	7.8	12.7	0.0	3.2	547.6	542.2	539.3	547.0	.	568.2
International Avg (n=47)	13512	12229	58.2	34.0	7.8	4.3	0.0	3.9	507.6	504.9	498.8	500.8	.	500.1
Buenos Aires, Argentina	291	121	47.5	47.7	4.8	53.9	0.0	3.8	417.2	418.2	445.5	416.8	.	419.0
Ontario, Canada	275	235	45.2	48.2	6.6	7.2	0.0	6.9	532.5	530.2	526.3	516.1	.	537.5
Quebec, Canada	151	137	43.2	47.3	9.4	5.9	0.0	3.6	526.0	518.3	537.5	533.6	.	537.0
Norway (4)	223	182	13.5	54.9	31.6	12.4	0.0	3.8	494.6	496.6	486.9	491.7	.	491.2
Abu Dhabi, UAE	212	174	55.2	38.9	5.9	10.1	0.0	9.2	432.0	391.3	412.9	399.5	.	428.5
Dubai, UAE	290	225	61.8	33.1	5.1	8.1	0.0	9.0	519.3	545.2	544.7	442.3	.	482.6
Florida, US	120	89	58.9	39.1	2.0	20.6	0.0	3.7	557.1	544.9	507.3	542.1	.	526.6

Question: How much emphasis do you place on the following sources to monitor students' progress in science? National or regional achievement tests  
 Location: TQS-07c (ATBS07C)

Country	Sample	Valid N	1.Major emphas is %	2.Some emphas is %	3.Little or no emphas is %	Not Admini stered %	Not Applic able %	Omitte d %	1.Major emphas is Mean	2.Some emphas is Mean	3.Little or no emphas is Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	414	5.3	42.5	52.2	8.8	0.0	2.9	510.5	533.4	522.6	499.5	.	507.4
Bahrain	345	302	42.3	41.0	16.8	2.5	0.0	7.8	458.2	452.8	475.9	427.2	.	467.1
Belgium (Flemish)	295	280	11.9	48.6	39.5	1.2	0.0	2.8	512.8	512.4	510.0	500.5	.	516.4
Bulgaria	233	226	41.8	49.0	9.1	0.0	0.0	4.7	535.3	538.2	518.3	.	.	547.0
Canada	699	612	2.5	16.4	81.1	6.4	0.0	6.4	512.2	524.3	524.7	523.5	.	531.9
Chile	180	152	42.3	49.4	8.3	6.9	0.0	6.2	472.7	481.9	483.2	473.8	.	476.5
Chinese Taipei	178	171	27.9	50.2	21.9	0.0	0.0	3.2	555.5	554.4	555.3	.	.	566.2
Croatia	223	220	34.8	52.8	12.4	1.5	0.0	0.0	534.9	532.4	534.0	531.0	.	.
Cyprus	242	218	19.5	39.0	41.5	1.1	0.0	8.5	493.2	474.1	484.3	494.5	.	471.7
Czech Republic	265	263	5.0	37.6	57.4	0.8	0.0	0.0	537.0	535.7	533.2	542.1	.	.
Denmark	196	163	4.3	35.5	60.1	12.8	0.0	2.7	513.4	525.4	529.0	528.1	.	522.4
England	214	174	16.6	40.1	43.3	15.0	0.0	1.3	531.0	548.1	532.4	522.3	.	522.5
Finland	341	325	2.2	16.2	81.6	4.3	0.0	0.3	557.8	554.3	553.4	557.1	.	567.7
France	273	251	3.7	33.8	62.5	5.7	0.0	2.8	470.1	483.3	490.9	472.7	.	511.9
Georgia	188	174	34.4	54.4	11.3	0.7	0.0	6.4	457.0	445.8	445.8	438.4	.	476.2
Germany	226	195	0.7	21.6	77.7	10.8	0.0	2.6	556.3	533.4	526.7	534.0	.	509.6
Hong Kong SAR	148	135	5.7	34.9	59.4	1.1	0.0	8.2	554.8	552.6	560.3	549.3	.	549.7
Hungary	244	237	24.9	51.5	23.6	1.1	0.0	1.6	542.1	542.6	540.2	588.9	.	516.4
Indonesia	293	282	28.4	53.7	17.9	0.0	0.0	3.5	400.2	396.2	385.1	.	.	433.4
Iran, Islamic Rep. of	291	287	43.2	46.2	10.5	0.0	0.0	0.7	420.7	424.1	406.5	.	.	461.6
Ireland	214	205	4.0	14.9	81.1	0.0	0.0	4.2	538.4	524.9	529.5	.	.	521.4
Italy	257	233	4.2	52.5	43.3	3.9	0.0	4.4	508.6	519.9	512.8	517.3	.	518.7
Japan	152	152	12.7	34.9	52.4	0.3	0.0	2.1	565.9	568.6	569.6	545.1	.	583.0
Kazakhstan	239	224	85.5	11.3	3.3	0.5	0.0	6.9	547.9	581.1	511.5	529.8	.	539.1
Korea, Rep. of	182	181	23.5	43.0	33.6	0.6	0.0	0.0	589.3	589.4	589.1	594.1	.	.
Kuwait	294	254	33.2	42.4	24.5	7.9	0.0	8.5	344.8	328.6	341.0	322.9	.	352.6
Lithuania	291	284	46.7	45.2	8.1	1.1	0.0	0.5	534.8	523.3	515.0	492.7	.	535.5
Morocco	367	273	42.7	25.3	32.1	6.0	0.0	18.2	364.2	334.9	354.1	338.6	.	351.1
Netherlands	223	157	15.5	26.0	58.5	22.3	0.0	5.1	521.3	521.6	514.4	514.9	.	523.4
New Zealand	461	436	6.6	31.5	61.9	2.5	0.0	1.9	510.8	503.2	507.0	494.2	.	493.4
Northern Ireland	154	131	2.3	10.8	86.8	17.4	0.0	0.0	522.9	516.7	521.3	514.8	.	.
Norway	227	173	5.0	36.5	58.5	16.9	0.0	5.9	537.2	543.4	535.7	532.2	.	540.0
Oman	357	291	61.0	31.6	7.4	0.6	0.0	18.8	438.2	419.8	430.5	399.2	.	428.3
Poland	254	247	14.0	76.9	9.1	0.0	0.0	2.7	542.4	546.1	560.7	.	.	556.9
Portugal	322	291	32.2	54.5	13.3	5.1	0.0	5.0	509.5	510.7	500.5	502.5	.	497.3
Qatar	227	208	49.5	39.0	11.5	0.0	0.0	7.8	419.4	441.5	487.5	.	.	441.2
Russian Federation	217	209	89.3	10.7	0.0	0.0	0.0	4.2	565.5	585.5	.	.	.	557.8
Saudi Arabia	189	164	46.1	43.5	10.4	0.5	0.0	12.2	396.9	388.9	374.5	351.8	.	386.5
Serbia	192	173	29.1	61.4	9.5	0.0	0.0	8.1	529.3	520.8	524.3	.	.	534.3
Singapore	358	350	50.7	29.9	19.4	1.5	0.0	1.0	596.4	590.4	575.3	598.2	.	576.5
Slovak Republic	328	320	10.4	57.0	32.5	1.1	0.0	1.2	514.6	521.3	519.0	549.3	.	549.0
Slovenia	256	239	13.1	60.7	26.1	5.4	0.0	0.7	546.2	544.6	538.6	533.3	.	524.3
Spain	393	349	8.9	48.9	42.2	4.1	0.0	4.7	518.1	516.3	518.1	519.3	.	535.8
Sweden	212	201	27.0	57.5	15.5	3.4	0.0	1.8	546.8	536.6	546.2	532.4	.	521.5
Turkey	251	242	55.3	35.2	9.5	0.0	0.0	4.8	486.5	482.5	466.3	.	.	487.7
United Arab Emirates	840	644	32.2	46.4	21.4	8.8	0.0	12.0	468.4	453.7	449.6	414.4	.	436.6
United States	492	416	23.9	39.3	36.7	12.7	0.0	3.2	527.8	547.6	553.2	547.0	.	568.2
International Avg (n=47)	13512	12128	26.0	40.0	34.0	4.3	0.0	4.6	506.8	506.5	503.4	500.7	.	505.0
Buenos Aires, Argentina	291	117	10.2	35.4	54.4	53.9	0.0	5.4	392.3	422.7	417.9	416.8	.	434.1
Ontario, Canada	275	231	1.3	15.5	83.2	7.2	0.0	9.2	495.3	532.0	532.0	516.1	.	530.9
Quebec, Canada	151	135	7.0	23.8	69.1	5.9	0.0	5.7	517.8	520.0	524.7	533.6	.	536.8
Norway (4)	223	180	8.3	35.1	56.6	12.4	0.0	4.7	494.1	494.9	492.1	491.7	.	491.6
Abu Dhabi, UAE	212	167	17.5	51.9	30.6	10.1	0.0	12.4	432.6	415.0	402.8	399.5	.	429.3
Dubai, UAE	290	222	41.8	42.7	15.5	8.1	0.0	10.5	527.7	527.4	535.2	442.3	.	492.9
Florida, US	120	89	22.3	45.8	31.9	20.6	0.0	3.7	523.5	565.9	550.0	542.1	.	526.6

Question: In the past two years, have you participated in professional development in any of the following? Science content  
Location: TQS-08a (ATBS08A)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	31.4	68.6	5.7	0.0	3.3	534.7	520.5	510.2	.	508.8
Bahrain	345	335	44.8	55.2	1.9	0.0	1.9	467.8	451.9	420.5	.	485.6
Belgium (Flemish)	295	288	36.5	63.5	1.2	0.0	0.5	514.5	509.9	500.5	.	522.9
Bulgaria	233	227	15.2	84.8	0.0	0.0	2.0	541.5	534.9	.	.	527.2
Canada	699	629	17.9	82.1	5.8	0.0	4.4	521.1	524.8	523.4	.	540.5
Chile	180	159	21.5	78.5	6.9	0.0	3.5	498.9	475.3	473.8	.	416.7
Chinese Taipei	178	178	63.0	37.0	0.0	0.0	0.0	557.0	552.4	.	.	.
Croatia	223	220	50.9	49.1	1.5	0.0	0.0	530.3	536.8	531.0	.	.
Cyprus	242	236	52.0	48.0	1.1	0.0	1.4	480.9	481.9	494.5	.	466.2
Czech Republic	265	263	19.4	80.6	0.8	0.0	0.0	534.3	534.3	542.1	.	.
Denmark	196	168	15.3	84.7	12.3	0.0	0.0	523.4	527.5	528.3	.	.
England	214	175	37.5	62.5	15.0	0.0	0.7	537.3	538.7	522.3	.	543.2
Finland	341	327	2.6	97.4	4.3	0.0	0.2	548.1	553.7	557.2	.	589.0
France	273	261	14.1	85.9	4.0	0.0	0.6	487.4	488.0	471.5	.	512.1
Georgia	188	185	27.6	72.4	0.7	0.0	0.7	448.6	452.7	438.4	.	419.5
Germany	226	195	36.3	63.7	10.8	0.0	2.3	532.8	526.1	534.0	.	499.5
Hong Kong SAR	148	143	42.5	57.5	1.1	0.0	2.1	555.6	555.9	549.3	.	595.9
Hungary	244	236	4.0	96.0	1.1	0.0	2.2	568.7	541.8	588.9	.	480.4
Indonesia	293	293	44.6	55.4	0.0	0.0	0.0	400.2	393.9	.	.	.
Iran, Islamic Rep. of	291	287	54.7	45.3	0.0	0.0	1.6	421.4	420.4	.	.	424.0
Ireland	214	214	17.8	82.2	0.0	0.0	0.0	530.7	528.5	.	.	.
Italy	257	237	10.8	89.2	3.9	0.0	3.4	521.9	515.4	517.3	.	524.5
Japan	157	154	41.4	58.6	0.3	0.0	1.1	570.0	568.7	545.1	.	554.6
Kazakhstan	239	229	49.8	50.2	0.5	0.0	4.2	548.1	552.1	529.8	.	539.6
Korea, Rep. of	182	181	45.7	54.3	0.6	0.0	0.0	588.6	589.9	594.1	.	.
Kuwait	294	274	65.5	34.5	7.6	0.0	1.9	331.5	349.4	323.0	.	372.3
Lithuania	291	284	13.0	87.0	1.1	0.0	0.5	531.0	528.0	492.7	.	468.2
Morocco	367	312	5.5	94.5	5.9	0.0	7.9	415.1	347.8	336.8	.	371.5
Netherlands	223	168	3.4	96.6	21.4	0.0	1.1	514.7	517.1	516.1	.	543.2
New Zealand	461	436	26.0	74.0	2.2	0.0	2.1	511.0	504.4	483.8	.	500.7
Northern Ireland	154	131	26.7	73.3	17.4	0.0	0.0	520.1	521.1	514.8	.	.
Norway	227	190	11.2	88.8	11.9	0.0	4.6	543.0	538.9	527.0	.	533.8
Oman	357	332	45.0	55.0	0.4	0.0	7.2	434.4	426.7	395.6	.	443.3
Poland	254	254	74.1	25.9	0.0	0.0	0.0	548.0	544.8	.	.	.
Portugal	322	303	19.2	80.8	5.1	0.0	1.6	510.6	508.1	502.5	.	495.2
Qatar	227	222	61.4	38.6	0.0	0.0	2.7	427.5	448.3	.	.	463.6
Russian Federation	217	217	36.7	63.3	0.0	0.0	0.0	571.0	565.0	.	.	.
Saudi Arabia	189	184	52.3	47.7	0.5	0.0	2.0	392.2	387.0	351.8	.	429.2
Serbia	192	189	30.6	69.4	0.7	0.0	1.0	526.8	523.3	506.9	.	551.1
Singapore	358	351	64.2	35.8	1.5	0.0	0.7	588.2	595.4	598.2	.	534.6
Slovak Republic	328	326	10.4	89.6	0.7	0.0	0.3	515.3	520.7	567.2	.	519.9
Slovenia	256	240	23.8	76.2	5.4	0.0	0.7	540.0	544.2	533.3	.	528.6
Spain	393	368	16.4	83.6	4.1	0.0	1.2	527.0	516.4	519.3	.	517.3
Sweden	212	200	31.0	69.0	3.2	0.0	2.4	539.4	542.0	530.8	.	513.5
Turkey	251	249	2.9	97.1	0.0	0.0	0.8	488.1	483.3	.	.	474.7
United Arab Emirates	840	754	58.9	41.1	6.0	0.0	3.4	450.2	461.1	417.0	.	419.8
United States	492	417	41.6	58.4	12.7	0.0	2.8	546.8	543.7	547.0	.	567.3
International Avg (n=47)	13512	12644	32.3	67.7	4.0	0.0	1.7	509.3	506.2	501.0	.	497.2
Buenos Aires, Argentina	291	122	24.7	75.3	53.6	0.0	4.8	423.4	420.0	416.5	.	406.4
Ontario, Canada	275	240	13.8	86.2	6.6	0.0	6.1	539.6	529.0	516.8	.	543.8
Quebec, Canada	151	139	21.7	78.3	5.4	0.0	3.7	509.7	526.4	534.3	.	554.0
Norway (4)	223	191	6.2	93.8	9.9	0.0	3.5	484.1	493.6	491.1	.	497.1
Abu Dhabi, UAE	212	180	55.0	45.0	9.4	0.0	2.8	429.7	404.3	400.6	.	350.3
Dubai, UAE	290	271	54.0	46.0	2.5	0.0	2.9	511.8	530.8	492.5	.	455.5
Florida, US	120	91	41.3	58.7	20.6	0.0	2.5	555.2	547.9	542.1	.	528.7

Question: In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction  
 Location: TQS-08b (ATBS08B)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	26.6	73.4	5.7	0.0	3.3	532.6	522.2	510.2	.	508.8
Bahrain	345	335	68.2	31.8	1.9	0.0	1.5	456.5	464.5	420.5	.	490.8
Belgium (Flemish)	295	288	25.6	74.4	1.2	0.0	0.5	505.6	513.6	500.5	.	522.9
Bulgaria	233	223	9.7	90.3	0.0	0.0	4.2	547.7	534.6	.	.	531.9
Canada	699	631	17.5	82.5	5.8	0.0	4.1	516.4	525.6	523.4	.	544.8
Chile	180	158	17.9	82.1	6.9	0.0	3.7	494.2	477.3	473.8	.	422.5
Chinese Taipei	178	178	54.4	45.6	0.0	0.0	0.0	558.2	551.8	.	.	.
Croatia	223	220	38.3	61.7	1.5	0.0	0.0	531.9	534.5	531.0	.	.
Cyprus	242	235	60.1	39.9	1.1	0.0	2.4	482.7	479.5	494.5	.	468.8
Czech Republic	265	263	13.8	86.2	0.8	0.0	0.0	533.5	534.5	542.1	.	.
Denmark	196	168	11.2	88.8	12.3	0.0	0.0	534.7	525.9	528.3	.	.
England	214	175	32.4	67.6	15.0	0.0	0.7	537.8	538.3	522.3	.	543.2
Finland	341	327	5.5	94.5	4.3	0.0	0.2	554.0	553.6	557.2	.	589.0
France	273	261	18.2	81.8	4.0	0.0	0.6	489.1	487.6	471.5	.	512.1
Georgia	188	184	30.9	69.1	0.7	0.0	1.0	461.4	447.1	438.4	.	432.2
Germany	226	195	24.1	75.9	10.8	0.0	2.3	533.9	526.8	534.0	.	499.5
Hong Kong SAR	148	143	43.1	56.9	1.1	0.0	2.1	557.8	554.2	549.3	.	595.9
Hungary	244	236	8.3	91.7	1.1	0.0	2.2	527.7	544.2	588.9	.	480.4
Indonesia	293	292	52.1	47.9	0.0	0.0	0.3	400.4	393.1	.	.	306.1
Iran, Islamic Rep. of	291	288	65.5	34.5	0.0	0.0	1.4	418.1	427.0	.	.	409.8
Ireland	214	213	14.4	85.6	0.0	0.0	0.3	531.6	528.4	.	.	543.7
Italy	257	237	10.8	89.2	3.9	0.0	3.6	520.9	515.6	517.3	.	523.6
Japan	157	153	41.9	58.1	0.3	0.0	1.7	570.2	568.4	545.1	.	565.8
Kazakhstan	239	227	59.5	40.5	0.5	0.0	5.3	549.6	551.7	529.8	.	535.7
Korea, Rep. of	182	181	45.7	54.3	0.6	0.0	0.0	586.3	591.8	594.1	.	.
Kuwait	294	275	66.8	33.2	7.6	0.0	1.7	332.0	349.7	323.0	.	365.1
Lithuania	291	284	15.1	84.9	1.1	0.0	0.5	518.7	530.1	492.7	.	468.2
Morocco	367	311	12.0	88.0	5.9	0.0	8.2	388.1	346.4	336.8	.	371.6
Netherlands	223	168	3.1	96.9	21.4	0.0	1.1	523.2	516.8	516.1	.	543.2
New Zealand	461	434	27.2	72.8	2.2	0.0	2.5	510.8	504.6	483.8	.	495.4
Northern Ireland	154	131	31.1	68.9	17.4	0.0	0.0	519.2	521.5	514.8	.	.
Norway	227	190	11.1	88.9	11.9	0.0	4.6	542.6	538.9	527.0	.	533.8
Oman	357	334	55.1	44.9	0.4	0.0	6.4	431.8	428.2	395.6	.	445.1
Poland	254	254	48.6	51.4	0.0	0.0	0.0	547.8	546.6	.	.	.
Portugal	322	304	17.0	83.0	5.1	0.0	1.2	512.5	507.8	502.5	.	487.2
Qatar	227	220	60.6	39.4	0.0	0.0	3.7	430.3	442.8	.	.	463.2
Russian Federation	217	217	40.8	59.2	0.0	0.0	0.0	564.8	568.9	.	.	.
Saudi Arabia	189	185	66.0	34.0	0.5	0.0	1.7	392.8	384.5	351.8	.	422.9
Serbia	192	188	20.5	79.5	0.7	0.0	1.7	536.4	521.2	506.9	.	542.6
Singapore	358	351	77.8	22.2	1.5	0.0	0.7	590.6	591.3	598.2	.	534.6
Slovak Republic	328	325	12.4	87.6	0.7	0.0	0.7	519.2	520.2	567.2	.	525.3
Slovenia	256	239	15.2	84.8	5.4	0.0	1.0	534.2	544.9	533.3	.	523.8
Spain	393	370	20.1	79.9	4.1	0.0	1.2	528.0	516.0	519.3	.	495.5
Sweden	212	203	26.6	73.4	3.2	0.0	1.2	540.7	540.9	530.8	.	510.6
Turkey	251	249	4.3	95.7	0.0	0.0	0.8	457.7	484.6	.	.	474.7
United Arab Emirates	840	758	53.3	46.7	6.0	0.0	3.0	449.3	460.9	417.0	.	412.5
United States	492	416	32.7	67.3	12.7	0.0	3.0	546.3	544.7	547.0	.	561.7
International Avg (n=47)	13512	12640	32.2	67.8	4.0	0.0	1.8	507.4	506.5	501.0	.	492.4
Buenos Aires, Argentina	291	121	34.0	66.0	53.6	0.0	4.8	413.6	422.3	416.5	.	419.6
Ontario, Canada	275	240	14.6	85.4	6.6	0.0	6.1	537.7	529.2	516.8	.	543.8
Quebec, Canada	151	139	22.7	77.3	5.4	0.0	3.7	514.3	525.2	534.3	.	554.0
Norway (4)	223	190	4.9	95.1	9.9	0.0	3.7	480.7	493.6	491.1	.	499.8
Abu Dhabi, UAE	212	179	40.4	59.6	9.4	0.0	3.1	420.6	416.2	400.6	.	366.1
Dubai, UAE	290	272	53.9	46.1	2.5	0.0	2.0	516.4	524.3	492.5	.	447.8
Florida, US	120	91	35.1	64.9	20.6	0.0	2.5	558.1	547.1	542.1	.	528.7

Question: In the past two years, have you participated in professional development in any of the following? Science curriculum  
 Location: TQS-08c (ATBS08C)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	40.3	59.7	5.7	0.0	3.3	533.5	519.3	510.2	.	508.8
Bahrain	345	335	43.8	56.2	1.9	0.0	1.9	470.6	450.0	420.5	.	485.6
Belgium (Flemish)	295	284	49.7	50.3	1.2	0.0	2.5	509.0	512.8	500.5	.	539.3
Bulgaria	233	226	19.2	80.8	0.0	0.0	2.7	527.4	537.9	.	.	527.9
Canada	699	627	14.5	85.5	5.8	0.0	4.6	525.2	523.5	523.4	.	546.0
Chile	180	156	15.1	84.9	6.9	0.0	4.1	494.4	477.9	473.8	.	426.9
Chinese Taipei	178	178	55.4	44.6	0.0	0.0	0.0	557.5	552.6	.	.	.
Croatia	223	220	42.7	57.3	1.5	0.0	0.0	533.8	533.2	531.0	.	.
Cyprus	242	236	56.0	44.0	1.1	0.0	1.4	483.2	479.0	494.5	.	466.2
Czech Republic	265	263	3.2	96.8	0.8	0.0	0.0	537.8	534.2	542.1	.	.
Denmark	196	168	9.8	90.2	12.3	0.0	0.0	516.8	527.9	528.3	.	.
England	214	175	47.5	52.5	15.0	0.0	0.7	539.5	537.0	522.3	.	543.2
Finland	341	327	4.9	95.1	4.3	0.0	0.2	572.3	552.6	557.2	.	589.0
France	273	260	10.0	90.0	4.0	0.0	0.9	477.0	489.0	471.5	.	514.7
Georgia	188	180	31.1	68.9	0.7	0.0	3.6	460.7	447.0	438.4	.	453.1
Germany	226	195	28.5	71.5	10.8	0.0	2.3	537.9	524.8	534.0	.	499.5
Hong Kong SAR	148	143	36.4	63.6	1.1	0.0	2.1	558.2	554.4	549.3	.	595.9
Hungary	244	235	4.4	95.6	1.1	0.0	2.4	555.0	542.2	588.9	.	489.7
Indonesia	293	293	42.4	57.6	0.0	0.0	0.0	395.1	397.9	.	.	.
Iran, Islamic Rep. of	291	285	45.7	54.3	0.0	0.0	3.5	421.9	421.3	.	.	404.8
Ireland	214	212	19.6	80.4	0.0	0.0	0.8	532.7	528.3	.	.	486.1
Italy	257	235	9.9	90.1	3.9	0.0	4.5	517.9	516.1	517.3	.	519.1
Japan	157	151	10.6	89.4	0.3	0.0	3.1	569.4	569.1	545.1	.	568.6
Kazakhstan	239	227	60.5	39.5	0.5	0.0	5.3	545.1	557.9	529.8	.	540.0
Korea, Rep. of	182	181	54.2	45.8	0.6	0.0	0.0	587.1	591.9	594.1	.	.
Kuwait	294	273	62.1	37.9	7.6	0.0	2.2	335.4	343.4	323.0	.	337.5
Lithuania	291	284	14.6	85.4	1.1	0.0	0.5	526.9	528.6	492.7	.	468.2
Morocco	367	306	10.0	90.0	5.9	0.0	9.2	399.9	346.4	336.8	.	366.7
Netherlands	223	168	5.4	94.6	21.4	0.0	1.1	506.7	517.6	516.1	.	543.2
New Zealand	461	435	24.4	75.6	2.2	0.0	2.4	505.9	506.0	483.8	.	506.2
Northern Ireland	154	130	25.1	74.9	17.4	0.0	0.8	523.5	519.9	514.8	.	521.0
Norway	227	190	6.4	93.6	11.9	0.0	4.6	540.2	539.3	527.0	.	533.8
Oman	357	327	39.5	60.5	0.4	0.0	8.1	431.9	429.2	395.6	.	440.7
Poland	254	254	61.0	39.0	0.0	0.0	0.0	546.2	548.7	.	.	.
Portugal	322	303	9.4	90.6	5.1	0.0	1.2	515.5	507.9	502.5	.	486.7
Qatar	227	220	61.1	38.9	0.0	0.0	3.7	430.6	442.5	.	.	463.2
Russian Federation	217	217	66.4	33.6	0.0	0.0	0.0	567.5	566.6	.	.	.
Saudi Arabia	189	178	56.4	43.6	0.5	0.0	5.1	396.0	383.5	351.8	.	390.5
Serbia	192	187	16.2	83.8	0.7	0.0	2.4	529.8	522.9	506.9	.	550.6
Singapore	358	351	58.0	42.0	1.5	0.0	0.7	591.2	590.1	598.2	.	534.6
Slovak Republic	328	326	32.9	67.1	0.7	0.0	0.3	523.2	518.6	567.2	.	519.9
Slovenia	256	240	29.2	70.8	5.4	0.0	0.7	543.6	543.0	533.3	.	528.6
Spain	393	366	17.7	82.3	4.1	0.0	2.0	524.6	517.0	519.3	.	509.7
Sweden	212	203	29.8	70.2	3.2	0.0	1.2	542.5	540.2	530.8	.	510.6
Turkey	251	249	5.3	94.7	0.0	0.0	1.0	460.1	484.1	.	.	537.9
United Arab Emirates	840	753	59.3	40.7	6.0	0.0	3.2	453.9	456.3	417.3	.	411.6
United States	492	415	42.8	57.2	12.7	0.0	3.3	547.8	543.9	547.0	.	550.1
International Avg (n=47)	13512	12590	31.7	68.3	4.0	0.0	2.2	508.6	505.8	501.0	.	497.8
Buenos Aires, Argentina	291	121	30.9	69.1	53.8	0.0	4.5	398.6	427.7	416.7	.	423.0
Ontario, Canada	275	238	14.2	85.8	6.6	0.0	6.8	538.3	528.8	516.8	.	546.5
Quebec, Canada	151	139	14.1	85.9	5.4	0.0	3.7	516.4	523.8	534.3	.	554.0
Norway (4)	223	190	2.9	97.1	9.9	0.0	3.7	449.5	494.2	491.1	.	499.8
Abu Dhabi, UAE	212	179	50.5	49.5	9.4	0.0	2.7	430.3	407.8	400.6	.	317.4
Dubai, UAE	290	272	57.9	42.1	2.5	0.0	1.9	515.9	525.7	492.5	.	445.5
Florida, US	120	91	38.6	61.4	20.6	0.0	2.5	553.2	549.5	542.1	.	528.7

Question: In the past two years, have you participated in professional development in any of the following? Integrating information technology into science  
 Location: TQS-08d (ATBS08D)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	16.4	83.6	5.7	0.0	3.3	531.3	523.8	510.2	.	508.8
Bahrain	345	336	64.2	35.8	1.9	0.0	1.3	460.9	455.5	420.5	.	505.3
Belgium (Flemish)	295	285	29.1	70.9	1.2	0.0	2.6	512.2	510.1	500.5	.	547.1
Bulgaria	233	226	19.6	80.4	0.0	0.0	2.7	548.4	532.5	.	.	538.7
Canada	699	629	21.7	78.3	5.8	0.0	4.4	517.6	525.7	523.4	.	544.1
Chile	180	158	15.2	84.8	6.9	0.0	3.7	491.0	478.4	473.8	.	422.5
Chinese Taipei	178	178	43.2	56.8	0.0	0.0	0.0	560.9	551.0	.	.	.
Croatia	223	219	31.8	68.2	1.5	0.0	0.6	533.1	533.9	531.0	.	504.3
Cyprus	242	236	31.6	68.4	1.1	0.0	1.4	482.7	480.7	494.5	.	466.2
Czech Republic	265	263	27.9	72.1	0.8	0.0	0.0	535.8	533.8	542.1	.	.
Denmark	196	168	6.8	93.2	12.3	0.0	0.0	539.0	526.0	528.3	.	.
England	214	175	16.5	83.5	15.0	0.0	0.7	538.5	538.1	522.3	.	543.2
Finland	341	327	7.5	92.5	4.3	0.0	0.2	553.5	553.6	557.2	.	589.0
France	273	260	7.9	92.1	4.0	0.0	0.8	478.9	488.8	471.5	.	499.5
Georgia	188	181	53.1	46.9	0.7	0.0	2.8	459.4	441.0	438.4	.	470.6
Germany	226	195	6.2	93.8	10.8	0.0	2.3	529.6	528.5	534.0	.	499.5
Hong Kong SAR	148	143	45.0	55.0	1.1	0.0	2.1	552.0	558.8	549.3	.	595.9
Hungary	244	236	10.2	89.8	1.1	0.0	2.2	570.4	539.7	588.9	.	480.4
Indonesia	293	293	45.7	54.3	0.0	0.0	0.0	405.5	389.3	.	.	.
Iran, Islamic Rep. of	291	286	20.8	79.2	0.0	0.0	2.6	419.9	421.1	.	.	428.1
Ireland	214	213	12.2	87.8	0.0	0.0	0.8	539.4	527.3	.	.	544.1
Italy	257	238	12.8	87.2	3.9	0.0	3.4	511.8	516.8	517.3	.	524.5
Japan	157	153	20.2	79.8	0.3	0.0	1.7	570.4	568.8	545.1	.	565.8
Kazakhstan	239	226	74.0	26.0	0.5	0.0	5.5	550.6	547.6	529.8	.	546.6
Korea, Rep. of	182	181	30.2	69.8	0.6	0.0	0.0	590.9	588.6	594.1	.	.
Kuwait	294	273	69.6	30.4	7.6	0.0	2.4	332.5	348.2	323.0	.	381.1
Lithuania	291	284	48.5	51.5	1.1	0.0	0.5	533.1	523.9	492.7	.	468.2
Morocco	367	309	11.6	88.4	5.9	0.0	8.7	379.9	347.6	336.8	.	371.1
Netherlands	223	168	4.8	95.2	21.4	0.0	1.1	523.8	516.7	516.1	.	543.2
New Zealand	461	434	19.6	80.4	2.2	0.0	2.3	511.3	504.8	483.8	.	502.6
Northern Ireland	154	131	24.0	76.0	17.4	0.0	0.0	524.9	519.5	514.8	.	.
Norway	227	190	2.6	97.4	11.9	0.0	4.6	530.4	539.6	527.0	.	533.8
Oman	357	329	29.3	70.7	0.4	0.0	7.4	434.5	429.3	395.6	.	435.0
Poland	254	254	66.6	33.4	0.0	0.0	0.0	546.7	548.2	.	.	.
Portugal	322	303	12.0	88.0	5.1	0.0	1.6	505.5	509.0	502.5	.	495.2
Qatar	227	221	57.6	42.4	0.0	0.0	3.3	428.3	445.5	.	.	454.1
Russian Federation	217	217	60.4	39.6	0.0	0.0	0.0	566.4	568.5	.	.	.
Saudi Arabia	189	185	45.2	54.8	0.5	0.0	1.7	403.0	379.2	351.8	.	422.9
Serbia	192	189	20.2	79.8	0.7	0.0	1.0	529.6	523.0	506.9	.	551.1
Singapore	358	351	50.5	49.5	1.5	0.0	0.7	592.0	589.5	598.2	.	534.6
Slovak Republic	328	326	38.8	61.2	0.7	0.0	0.3	523.0	518.4	567.2	.	519.9
Slovenia	256	240	27.8	72.2	5.4	0.0	0.7	540.1	544.4	533.3	.	528.6
Spain	393	367	34.4	65.6	4.1	0.0	1.2	524.9	515.0	519.3	.	496.6
Sweden	212	203	6.0	94.0	3.2	0.0	1.2	536.5	541.1	530.8	.	510.6
Turkey	251	250	8.7	91.3	0.0	0.0	0.6	487.8	482.9	.	.	494.8
United Arab Emirates	840	754	51.5	48.5	6.0	0.0	4.8	459.0	449.9	417.0	.	432.2
United States	492	416	27.8	72.2	12.7	0.0	3.0	546.6	544.7	547.0	.	561.7
International Avg (n=47)	13512	12622	29.5	70.5	4.0	0.0	2.0	509.4	505.3	501.0	.	501.6
Buenos Aires, Argentina	291	123	26.2	73.8	53.6	0.0	4.0	410.6	422.7	416.5	.	417.6
Ontario, Canada	275	238	19.1	80.9	6.6	0.0	6.6	526.4	531.4	516.8	.	542.9
Quebec, Canada	151	139	21.8	78.2	5.4	0.0	3.7	519.9	523.5	534.3	.	554.0
Norway (4)	223	190	4.3	95.7	9.9	0.0	4.0	467.6	494.2	491.1	.	497.4
Abu Dhabi, UAE	212	179	43.9	56.1	9.4	0.0	3.8	439.0	405.7	400.6	.	321.8
Dubai, UAE	290	270	58.0	42.0	2.5	0.0	4.1	517.4	519.9	492.5	.	521.1
Florida, US	120	91	32.7	67.3	20.6	0.0	2.5	545.4	553.6	542.1	.	528.7

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-08e (ATBS08E)

Country	Sample	Valid N	1.Yes %	2.No %	Not Admini stered %	Not Applic able %	Omitte d %	1.Yes Mean	2.No Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	32.0	68.0	5.7	0.0	3.3	529.8	522.7	510.2	.	508.8
Bahrain	345	335	66.1	33.9	1.9	0.0	1.6	456.7	464.4	420.5	.	473.4
Belgium (Flemish)	295	287	20.2	79.8	1.2	0.0	1.0	502.6	513.8	500.5	.	524.6
Bulgaria	233	227	7.6	92.4	0.0	0.0	2.0	524.7	536.8	.	.	527.2
Canada	699	629	32.3	67.7	5.8	0.0	4.2	525.0	523.4	523.4	.	544.5
Chile	180	157	16.3	83.7	6.9	0.0	3.9	491.3	478.1	473.8	.	427.8
Chinese Taipei	178	176	39.8	60.2	0.0	0.0	1.1	558.0	553.3	.	.	567.5
Croatia	223	220	37.0	63.0	1.5	0.0	0.0	535.0	532.6	531.0	.	.
Cyprus	242	235	47.7	52.3	1.1	0.0	1.9	487.2	475.9	494.5	.	475.6
Czech Republic	265	263	16.6	83.4	0.8	0.0	0.0	543.0	532.6	542.1	.	.
Denmark	196	168	8.7	91.3	12.3	0.0	0.0	532.9	526.3	528.3	.	.
England	214	175	32.8	67.2	15.0	0.0	0.7	531.7	541.3	522.3	.	543.2
Finland	341	326	4.2	95.8	4.3	0.0	0.8	554.9	553.5	557.2	.	563.8
France	273	260	9.4	90.6	4.0	0.0	0.8	484.4	488.3	471.5	.	499.5
Georgia	188	183	37.4	62.6	0.7	0.0	1.7	455.2	448.3	438.4	.	476.8
Germany	226	195	24.8	75.2	10.8	0.0	2.3	532.1	527.4	534.0	.	499.5
Hong Kong SAR	148	142	63.5	36.5	1.1	0.0	2.7	555.8	555.5	549.3	.	589.8
Hungary	244	236	12.1	87.9	1.1	0.0	2.2	552.8	541.5	588.9	.	480.4
Indonesia	293	292	69.6	30.4	0.0	0.0	0.2	394.6	401.8	.	.	326.7
Iran, Islamic Rep. of	291	287	27.7	72.3	0.0	0.0	2.1	417.9	422.4	.	.	414.8
Ireland	214	214	16.9	83.1	0.0	0.0	0.0	534.1	527.8	.	.	.
Italy	257	237	11.8	88.2	3.9	0.0	3.6	527.4	514.7	517.3	.	523.6
Japan	157	151	10.1	89.9	0.3	0.0	3.0	557.7	570.4	545.1	.	569.2
Kazakhstan	239	228	76.7	23.3	0.5	0.0	4.9	552.6	542.2	529.8	.	539.7
Korea, Rep. of	182	181	39.1	60.9	0.6	0.0	0.0	591.6	587.8	594.1	.	.
Kuwait	294	273	71.2	28.8	7.6	0.0	2.1	339.2	336.7	323.0	.	334.8
Lithuania	291	284	46.4	53.6	1.1	0.0	0.5	535.1	522.6	492.7	.	468.2
Morocco	367	305	13.0	87.0	5.9	0.0	9.7	380.4	347.1	336.8	.	368.6
Netherlands	223	167	20.6	79.4	21.4	0.0	1.4	519.1	516.6	516.1	.	531.5
New Zealand	461	436	36.6	63.4	2.2	0.0	2.1	506.0	506.2	483.8	.	500.7
Northern Ireland	154	130	30.5	69.5	17.4	0.0	0.9	524.4	520.0	514.8	.	475.8
Norway	227	189	6.3	93.7	11.9	0.0	4.8	541.8	539.1	527.0	.	535.3
Oman	357	331	40.8	59.2	0.4	0.0	7.4	431.8	430.0	395.6	.	436.3
Poland	254	253	43.7	56.3	0.0	0.0	0.5	547.1	546.9	.	.	589.2
Portugal	322	303	10.4	89.6	5.1	0.0	1.6	507.2	508.9	502.5	.	487.7
Qatar	227	219	68.4	31.6	0.0	0.0	4.1	432.4	441.7	.	.	458.1
Russian Federation	217	216	48.5	51.5	0.0	0.0	0.4	567.1	567.7	.	.	509.9
Saudi Arabia	189	184	61.5	38.5	0.5	0.0	2.2	397.5	377.7	351.8	.	419.1
Serbia	192	186	30.4	69.6	0.7	0.0	2.8	516.6	528.1	506.9	.	526.1
Singapore	358	351	60.9	39.1	1.5	0.0	0.7	591.0	590.4	598.2	.	534.6
Slovak Republic	328	324	21.5	78.5	0.7	0.0	1.0	505.7	524.3	567.2	.	504.8
Slovenia	256	240	24.5	75.5	5.4	0.0	0.7	540.5	544.1	533.3	.	528.6
Spain	393	369	22.8	77.2	4.1	0.0	1.2	523.8	516.8	519.3	.	496.1
Sweden	212	203	12.0	88.0	3.2	0.0	1.2	542.0	540.7	530.8	.	510.6
Turkey	251	249	8.8	91.2	0.0	0.0	0.9	461.5	485.6	.	.	478.1
United Arab Emirates	840	758	66.0	34.0	6.1	0.0	3.0	460.3	444.8	417.9	.	405.5
United States	492	416	40.0	60.0	12.7	0.0	3.0	549.9	542.0	547.0	.	561.7
International Avg (n=47)	13512	12613	32.9	67.1	4.0	0.0	2.0	507.4	505.5	501.0	.	493.8
Buenos Aires, Argentina	291	123	31.9	68.1	53.6	0.0	4.0	414.8	422.8	416.5	.	409.9
Ontario, Canada	275	240	39.1	60.9	6.6	0.0	6.1	532.3	529.3	516.8	.	543.8
Quebec, Canada	151	138	13.2	86.8	5.4	0.0	3.8	511.1	524.5	534.3	.	553.2
Norway (4)	223	191	4.3	95.7	9.9	0.0	3.5	474.6	493.9	491.1	.	497.1
Abu Dhabi, UAE	212	181	60.4	39.6	9.4	0.0	2.7	427.7	404.9	400.6	.	336.2
Dubai, UAE	290	270	68.6	31.4	2.9	0.0	2.4	526.9	506.0	488.5	.	458.8
Florida, US	120	91	44.5	55.5	20.6	0.0	2.5	560.0	543.7	542.1	.	528.7



Question: In the past two years, have you participated in professional development in any of the following? Science assessment  
Location: TQS-08f (ATBS08F)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	15.8	84.2	5.7	0.0	3.3	526.0	524.8	510.2	.	508.8
Bahrain	345	333	45.7	54.3	1.9	0.0	7.0	457.0	466.0	420.5	.	429.5
Belgium (Flemish)	295	288	15.2	84.8	1.2	0.0	0.5	511.4	511.6	500.5	.	522.9
Bulgaria	233	226	30.5	69.5	0.0	0.0	2.5	539.6	534.6	.	.	519.2
Canada	699	629	11.8	88.2	5.8	0.0	4.4	520.5	524.5	523.4	.	542.3
Chile	180	156	16.8	83.2	6.9	0.0	4.1	490.3	478.5	473.8	.	424.8
Chinese Taipei	178	177	29.1	70.9	0.0	0.0	0.3	558.3	554.0	.	.	570.9
Croatia	223	220	26.5	73.5	1.5	0.0	0.0	530.8	534.5	531.0	.	.
Cyprus	242	236	25.0	75.0	1.1	0.0	1.4	480.3	481.7	494.5	.	466.2
Czech Republic	265	262	4.2	95.8	0.8	0.0	0.6	547.6	533.7	542.1	.	542.3
Denmark	196	167	7.5	92.5	12.3	0.0	0.3	538.3	526.0	528.3	.	495.2
England	214	175	29.6	70.4	15.0	0.0	0.7	536.7	538.8	522.3	.	543.2
Finland	341	327	2.0	98.0	4.3	0.0	0.2	560.0	553.5	557.2	.	589.0
France	273	260	4.2	95.8	4.0	0.0	0.8	466.3	488.9	471.5	.	499.5
Georgia	188	182	31.7	68.3	0.7	0.0	2.1	458.1	447.5	438.4	.	472.6
Germany	226	195	12.0	88.0	10.8	0.0	2.3	540.1	527.0	534.0	.	499.5
Hong Kong SAR	148	143	25.2	74.8	1.1	0.0	2.1	545.0	559.4	549.3	.	595.9
Hungary	244	236	4.1	95.9	1.1	0.0	2.2	536.9	543.1	588.9	.	480.4
Indonesia	293	293	64.1	35.9	0.0	0.0	0.0	394.8	400.0	.	.	.
Iran, Islamic Rep. of	291	287	34.6	65.4	0.0	0.0	2.1	418.3	422.5	.	.	420.9
Ireland	214	213	6.5	93.5	0.0	0.0	0.3	538.7	528.3	.	.	486.9
Italy	257	238	4.6	95.4	3.9	0.0	3.4	507.4	516.6	517.3	.	524.5
Japan	157	153	10.6	89.4	0.3	0.0	1.7	563.6	569.8	545.1	.	565.8
Kazakhstan	239	226	66.4	33.6	0.5	0.0	5.5	550.4	548.7	529.8	.	545.9
Korea, Rep. of	182	181	30.2	69.8	0.6	0.0	0.0	588.5	589.6	594.1	.	.
Kuwait	294	272	56.0	44.0	7.6	0.0	2.6	326.9	354.1	323.0	.	321.8
Lithuania	291	284	27.2	72.8	1.1	0.0	0.5	521.0	531.1	492.7	.	468.2
Morocco	367	308	17.4	82.6	5.9	0.0	9.2	370.8	347.5	336.8	.	368.3
Netherlands	223	167	1.6	98.4	21.4	0.0	1.3	499.8	517.2	516.1	.	546.1
New Zealand	461	435	10.8	89.2	2.2	0.0	2.4	506.0	506.2	483.8	.	500.8
Northern Ireland	154	131	7.4	92.6	17.4	0.0	0.0	528.2	520.2	514.8	.	.
Norway	227	190	3.7	96.3	11.9	0.0	4.6	537.4	539.4	527.0	.	533.8
Oman	357	330	46.9	53.1	0.4	0.0	6.9	426.2	433.4	395.6	.	445.2
Poland	254	254	34.7	65.3	0.0	0.0	0.0	547.1	547.3	.	.	.
Portugal	322	302	5.8	94.2	5.1	0.0	2.0	518.3	508.3	502.5	.	483.0
Qatar	227	220	58.2	41.8	0.0	0.0	3.7	428.2	446.0	.	.	453.4
Russian Federation	217	217	62.7	37.3	0.0	0.0	0.0	564.7	571.4	.	.	.
Saudi Arabia	189	183	47.9	52.1	0.5	0.0	3.1	392.3	388.8	351.8	.	391.0
Serbia	192	189	19.1	80.9	0.7	0.0	1.0	522.4	524.8	506.9	.	551.1
Singapore	358	351	65.0	35.0	1.5	0.0	0.7	589.5	593.1	598.2	.	534.6
Slovak Republic	328	326	10.4	89.6	0.7	0.0	0.3	490.6	523.6	567.2	.	519.9
Slovenia	256	240	26.0	74.0	5.4	0.0	0.7	547.9	541.6	533.3	.	528.6
Spain	393	370	14.6	85.4	4.1	0.0	1.2	521.0	518.0	519.3	.	495.5
Sweden	212	203	20.9	79.1	3.2	0.0	1.2	534.8	542.5	530.8	.	510.6
Turkey	251	249	9.7	90.3	0.0	0.0	1.0	476.6	484.1	.	.	486.4
United Arab Emirates	840	761	55.6	44.4	6.0	0.0	2.6	454.8	454.6	417.0	.	408.5
United States	492	416	22.3	77.7	12.7	0.0	3.0	543.8	545.6	547.0	.	561.7
International Avg (n=47)	13512	12624	25.1	74.9	4.0	0.0	2.0	505.4	507.3	501.0	.	496.4
Buenos Aires, Argentina	291	120	14.5	85.5	53.6	0.0	5.2	416.4	420.1	416.5	.	417.6
Ontario, Canada	275	239	9.7	90.3	6.6	0.0	6.6	540.1	529.6	516.8	.	541.2
Quebec, Canada	151	139	12.2	87.8	5.4	0.0	3.7	509.7	524.5	534.3	.	554.0
Norway (4)	223	191	3.1	96.9	9.9	0.0	3.5	449.8	494.4	491.1	.	497.1
Abu Dhabi, UAE	212	182	41.6	58.4	9.4	0.0	1.9	441.8	402.4	400.6	.	296.2
Dubai, UAE	290	272	57.7	42.3	2.5	0.0	2.2	509.0	535.2	492.5	.	452.5
Florida, US	120	91	17.7	82.3	20.6	0.0	2.5	551.7	550.8	542.1	.	528.7

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs  
 Location: TQS-08g (ATBS08G)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	422	27.7	72.3	5.7	0.0	3.3	530.5	522.9	510.2	.	508.8
Bahrain	345	336	55.4	44.6	1.9	0.0	1.3	458.8	459.2	420.5	.	505.3
Belgium (Flemish)	295	287	21.7	78.3	1.2	0.0	1.0	505.2	513.3	500.5	.	524.6
Bulgaria	233	227	21.2	78.8	0.0	0.0	2.0	534.2	536.3	.	.	527.2
Canada	699	631	31.4	68.6	5.8	0.0	4.1	528.2	522.0	523.4	.	544.8
Chile	180	158	24.1	75.9	6.9	0.0	3.7	483.1	479.4	473.8	.	422.5
Chinese Taipei	178	178	41.9	58.1	0.0	0.0	0.0	558.4	553.1	.	.	.
Croatia	223	220	38.0	62.0	1.5	0.0	0.0	537.5	531.0	531.0	.	.
Cyprus	242	235	22.0	78.0	1.1	0.0	1.8	489.4	479.4	494.5	.	459.1
Czech Republic	265	263	29.5	70.5	0.8	0.0	0.0	539.6	532.1	542.1	.	.
Denmark	196	167	12.9	87.1	12.3	0.0	0.4	533.0	526.2	528.3	.	491.1
England	214	174	24.0	76.0	15.0	0.0	1.1	532.2	540.5	522.3	.	513.3
Finland	341	326	11.6	88.4	4.3	0.0	0.5	550.3	554.0	557.2	.	569.0
France	273	260	12.1	87.9	4.0	0.0	0.8	476.6	489.5	471.5	.	499.5
Georgia	188	183	38.7	61.3	0.7	0.0	1.7	457.4	446.8	438.4	.	476.8
Germany	226	194	22.1	77.9	10.8	0.0	2.7	534.6	526.6	534.0	.	508.5
Hong Kong SAR	148	141	46.2	53.8	1.1	0.0	3.3	550.9	560.0	549.3	.	580.6
Hungary	244	235	21.3	78.7	1.1	0.0	2.5	554.9	539.7	588.9	.	487.7
Indonesia	293	291	57.1	42.9	0.0	0.0	0.6	400.0	392.5	.	.	383.8
Iran, Islamic Rep. of	291	287	39.0	61.0	0.0	0.0	2.0	412.3	427.8	.	.	384.9
Ireland	214	214	13.0	87.0	0.0	0.0	0.0	536.0	527.8	.	.	.
Italy	257	236	20.1	79.9	3.9	0.0	3.6	507.1	518.4	517.3	.	523.6
Japan	157	153	20.1	79.9	0.3	0.0	1.7	563.0	570.7	545.1	.	565.8
Kazakhstan	239	226	63.8	36.2	0.5	0.0	5.6	547.4	552.4	529.8	.	557.0
Korea, Rep. of	182	181	36.4	63.6	0.6	0.0	0.0	588.8	589.6	594.1	.	.
Kuwait	294	274	62.5	37.5	7.6	0.0	2.0	334.0	346.3	323.0	.	328.8
Lithuania	291	284	41.4	58.6	1.1	0.0	0.5	526.3	529.8	492.7	.	468.2
Morocco	367	309	19.9	80.1	5.9	0.0	8.8	369.4	346.4	336.8	.	373.9
Netherlands	223	168	24.2	75.8	21.4	0.0	1.1	521.6	515.6	516.1	.	543.2
New Zealand	461	436	24.7	75.3	2.2	0.0	2.1	507.9	505.5	483.8	.	500.7
Northern Ireland	154	130	19.5	80.5	17.4	0.0	1.1	525.5	519.8	514.8	.	515.6
Norway	227	189	11.0	89.0	11.9	0.0	4.9	535.9	539.7	527.0	.	534.8
Oman	357	332	26.6	73.4	0.4	0.0	6.7	428.6	431.1	395.6	.	440.9
Poland	254	254	58.8	41.2	0.0	0.0	0.0	546.3	548.4	.	.	.
Portugal	322	303	17.8	82.2	5.1	0.0	1.6	509.4	508.5	502.5	.	487.7
Qatar	227	221	65.7	34.3	0.0	0.0	3.3	428.1	450.0	.	.	454.1
Russian Federation	217	217	46.8	53.2	0.0	0.0	0.0	563.7	570.3	.	.	.
Saudi Arabia	189	185	50.4	49.6	0.5	0.0	1.7	403.1	376.7	351.8	.	422.9
Serbia	192	188	38.3	61.7	0.7	0.0	1.8	521.8	526.5	506.9	.	521.9
Singapore	358	351	35.5	64.5	1.5	0.0	0.7	590.1	591.1	598.2	.	534.6
Slovak Republic	328	326	17.3	82.7	0.7	0.0	0.3	499.4	524.5	567.2	.	519.9
Slovenia	256	240	24.9	75.1	5.4	0.0	0.7	540.1	544.2	533.3	.	528.6
Spain	393	367	40.1	59.9	4.1	0.0	1.7	520.4	517.2	519.3	.	500.3
Sweden	212	203	18.4	81.6	3.2	0.0	1.2	538.2	541.5	530.8	.	510.6
Turkey	251	249	8.3	91.7	0.0	0.0	0.8	473.8	484.0	.	.	509.5
United Arab Emirates	840	760	60.6	39.4	6.0	0.0	2.9	458.4	450.9	417.0	.	390.9
United States	492	415	37.0	63.0	12.7	0.0	3.2	547.7	543.6	547.0	.	562.5
International Avg (n=47)	13512	12626	31.9	68.1	4.0	0.0	1.9	506.4	506.4	501.0	.	492.1
Buenos Aires, Argentina	291	123	35.6	64.4	53.6	0.0	4.3	412.5	422.8	416.5	.	421.5
Ontario, Canada	275	240	35.0	65.0	6.6	0.0	6.1	534.2	528.4	516.8	.	543.8
Quebec, Canada	151	139	15.1	84.9	5.4	0.0	3.7	527.3	521.9	534.3	.	554.0
Norway (4)	223	190	9.8	90.2	9.9	0.0	4.0	474.8	495.0	491.1	.	497.4
Abu Dhabi, UAE	212	182	53.8	46.2	9.4	0.0	1.9	436.6	398.0	400.6	.	296.2
Dubai, UAE	290	273	62.3	37.7	2.5	0.0	1.9	515.8	527.0	492.5	.	444.9
Florida, US	120	91	41.4	58.6	20.6	0.0	2.5	554.4	548.5	542.1	.	528.7

Question: In the past two years, have you participated in professional development in any of the following? Integrating science with other subjects  
 Location: TQS-08h (ATBS08H)

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	484	423	22.1	77.9	5.7	0.0	3.3	532.1	523.0	510.2	.	508.8
Bahrain	345	336	64.9	35.1	1.9	0.0	1.3	458.2	460.4	420.5	.	505.3
Belgium (Flemish)	295	287	24.7	75.3	1.2	0.0	1.0	509.9	512.0	500.5	.	524.6
Bulgaria	233	227	20.9	79.1	0.0	0.0	2.0	545.0	533.5	.	.	527.2
Canada	699	631	23.2	76.8	5.8	0.0	4.1	521.1	524.8	523.4	.	544.8
Chile	180	157	14.4	85.6	6.9	0.0	4.2	480.3	480.5	473.8	.	424.9
Chinese Taipei	178	177	30.2	69.8	0.0	0.0	0.1	554.9	555.6	.	.	462.5
Croatia	223	220	50.1	49.9	1.5	0.0	0.0	532.4	534.5	531.0	.	.
Cyprus	242	235	20.8	79.2	1.1	0.0	1.8	485.7	480.5	494.5	.	459.1
Czech Republic	265	263	14.4	85.6	0.8	0.0	0.0	537.8	533.7	542.1	.	.
Denmark	196	168	8.0	92.0	12.3	0.0	0.0	536.7	526.0	528.3	.	.
England	214	175	22.7	77.3	15.0	0.0	0.7	545.5	536.0	522.3	.	543.2
Finland	341	325	7.0	93.0	4.3	0.0	0.9	548.6	553.9	557.2	.	566.8
France	273	259	7.9	92.1	4.0	0.0	1.5	485.8	488.4	471.5	.	480.7
Georgia	188	184	43.4	56.6	0.7	0.0	1.0	460.9	444.3	438.4	.	432.2
Germany	226	192	16.1	83.9	10.8	0.0	3.9	531.3	527.9	534.0	.	512.9
Hong Kong SAR	148	143	31.3	68.7	1.1	0.0	2.1	556.8	555.3	549.3	.	595.9
Hungary	244	236	9.7	90.3	1.1	0.0	2.2	526.4	544.6	588.9	.	480.4
Indonesia	293	293	61.4	38.6	0.0	0.0	0.0	396.8	396.4	.	.	.
Iran, Islamic Rep. of	291	288	28.0	72.0	0.0	0.0	1.4	413.0	424.4	.	.	409.8
Ireland	214	214	24.4	75.6	0.0	0.0	0.0	537.5	526.1	.	.	.
Italy	257	237	12.2	87.8	3.9	0.0	3.6	517.8	515.9	517.3	.	523.6
Japan	157	153	3.1	96.9	0.3	0.0	1.7	560.4	569.4	545.1	.	565.8
Kazakhstan	239	227	61.5	38.5	0.5	0.0	5.2	547.1	554.2	529.8	.	546.6
Korea, Rep. of	182	181	39.2	60.8	0.6	0.0	0.0	588.6	589.7	594.1	.	.
Kuwait	294	275	60.0	40.0	7.6	0.0	1.7	339.9	335.5	323.0	.	350.9
Lithuania	291	282	42.1	57.9	1.1	0.0	0.9	529.0	527.9	492.7	.	496.8
Morocco	367	310	14.1	85.9	5.9	0.0	8.5	383.5	346.0	336.8	.	371.9
Netherlands	223	168	13.0	87.0	21.4	0.0	1.1	519.8	516.6	516.1	.	543.2
New Zealand	461	435	26.8	73.2	2.2	0.0	2.3	509.0	505.0	483.8	.	501.5
Northern Ireland	154	131	30.6	69.4	17.4	0.0	0.0	524.0	519.4	514.8	.	.
Norway	227	189	7.0	93.0	11.9	0.0	4.9	542.5	539.1	527.0	.	534.0
Oman	357	333	32.6	67.4	0.4	0.0	6.6	429.1	431.1	395.6	.	440.9
Poland	254	254	38.6	61.4	0.0	0.0	0.0	545.4	548.3	.	.	.
Portugal	322	303	10.8	89.2	5.1	0.0	1.6	504.9	509.2	502.5	.	487.7
Qatar	227	221	58.8	41.2	0.0	0.0	3.3	433.9	438.1	.	.	454.1
Russian Federation	217	217	54.4	45.6	0.0	0.0	0.0	568.1	566.2	.	.	.
Saudi Arabia	189	185	43.6	56.4	0.5	0.0	1.7	406.7	377.0	351.8	.	422.9
Serbia	192	188	29.0	71.0	0.7	0.0	1.9	535.8	519.5	506.9	.	543.9
Singapore	358	351	32.7	67.3	1.5	0.0	0.7	597.9	587.3	598.2	.	534.6
Slovak Republic	328	326	35.5	64.5	0.7	0.0	0.3	516.0	522.4	567.2	.	519.9
Slovenia	256	240	22.3	77.7	5.4	0.0	0.7	548.2	541.8	533.3	.	528.6
Spain	393	370	26.5	73.5	4.1	0.0	1.2	522.9	516.8	519.3	.	495.5
Sweden	212	203	18.3	81.7	3.2	0.0	1.2	542.6	540.5	530.8	.	510.6
Turkey	251	250	6.8	93.2	0.0	0.0	0.6	480.7	483.5	.	.	494.8
United Arab Emirates	840	759	54.2	45.8	6.0	0.0	2.6	459.4	449.4	417.0	.	405.0
United States	492	414	41.0	59.0	12.7	0.0	3.4	546.6	543.8	547.0	.	565.3
International Avg (n=47)	13512	12635	28.9	71.1	4.0	0.0	1.8	508.4	505.4	501.0	.	495.2
Buenos Aires, Argentina	291	121	24.7	75.3	53.6	0.0	5.4	408.4	425.1	416.5	.	406.9
Ontario, Canada	275	240	24.4	75.6	6.6	0.0	6.1	531.9	530.0	516.8	.	543.8
Quebec, Canada	151	139	15.1	84.9	5.4	0.0	3.7	521.5	523.0	534.3	.	554.0
Norway (4)	223	191	7.1	92.9	9.9	0.0	3.5	474.3	494.5	491.1	.	497.1
Abu Dhabi, UAE	212	179	52.7	47.3	9.4	0.0	2.2	430.9	405.5	400.6	.	307.0
Dubai, UAE	290	272	58.8	41.2	2.5	0.0	2.0	519.1	521.3	492.5	.	451.3
Florida, US	120	91	39.1	60.9	20.6	0.0	2.5	559.4	545.5	542.1	.	528.7

Question: In the past two years, how many hours in total have you spent in formal <in-service/professional development> for science?  
Location: TQS-09 (ATBS09)

Country	Sample	Valid N	1.None %	2.Less than 6 hours %	3.6-15 hours %	4.16-3 5 hours %	5.More than 35 hours %	Not Admini stered %	Not Applic able %	Omitte d %
Australia	484	424	47.1	28.6	16.3	5.3	2.6	5.7	0.0	2.6
Bahrain	345	336	7.2	14.4	34.5	19.6	24.4	1.9	0.0	1.3
Belgium (Flemish)	295	285	38.2	35.7	20.0	4.6	1.6	1.2	0.0	1.6
Bulgaria	233	224	52.3	24.2	11.7	6.4	5.3	0.0	0.0	3.6
Canada	699	627	54.5	29.9	9.6	2.7	3.3	5.8	0.0	4.7
Chile	180	158	62.6	12.8	9.9	4.7	9.9	6.9	0.0	4.0
Chinese Taipei	178	177	18.2	30.0	29.0	8.5	14.2	0.0	0.0	0.3
Croatia	223	219	20.5	48.0	24.2	6.2	1.1	1.5	0.0	0.4
Cyprus	242	238	21.2	37.7	28.6	7.6	4.9	1.1	0.0	0.3
Czech Republic	265	263	30.6	36.5	23.7	4.5	4.6	0.8	0.0	0.0
Denmark	196	168	68.8	16.9	8.6	3.3	2.4	12.3	0.0	0.0
England	214	173	32.7	50.4	10.1	6.6	0.2	15.0	0.0	1.5
Finland	341	326	78.3	16.5	3.2	2.0	0.0	4.3	0.0	0.5
France	273	258	73.2	17.7	4.8	2.7	1.6	4.0	0.0	2.0
Georgia	188	181	24.3	21.8	28.8	20.6	4.5	0.7	0.0	2.6
Germany	226	193	41.6	34.7	18.6	2.9	2.4	10.8	0.0	2.5
Hong Kong SAR	148	143	26.3	34.6	23.9	7.6	7.6	1.1	0.0	2.1
Hungary	244	235	55.3	25.6	11.6	5.2	2.4	1.1	0.0	2.5
Indonesia	293	286	54.9	11.5	16.0	8.8	8.7	0.0	0.0	2.2
Iran, Islamic Rep. of	291	281	34.3	17.6	13.2	14.4	20.5	0.0	0.0	5.3
Ireland	214	211	67.4	16.3	9.8	5.2	1.4	0.0	0.0	1.1
Italy	257	232	64.1	17.4	13.3	3.2	2.0	3.9	0.0	5.9
Japan	157	154	52.5	30.3	11.5	4.5	1.2	0.3	0.0	1.1
Kazakhstan	239	220	14.8	18.3	28.1	19.0	19.8	0.5	0.0	7.6
Korea, Rep. of	182	181	29.9	34.4	12.0	11.0	12.6	0.6	0.0	0.0
Kuwait	294	270	13.2	30.9	33.6	13.1	9.1	7.6	0.0	3.2
Lithuania	291	284	23.5	22.7	41.1	9.6	3.2	1.1	0.0	0.5
Morocco	367	318	86.8	8.5	2.6	0.9	1.2	5.9	0.0	6.6
Netherlands	223	168	73.0	22.3	1.7	2.8	0.2	21.4	0.0	1.1
New Zealand	461	434	57.9	27.4	12.2	0.9	1.6	2.2	0.0	2.3
Northern Ireland	154	131	51.0	35.4	10.2	2.4	1.0	17.4	0.0	0.0
Norway	227	190	73.2	10.7	9.1	4.5	2.5	11.9	0.0	4.6
Oman	357	334	15.1	25.4	31.6	17.0	10.9	0.4	0.0	6.4
Poland	254	251	2.9	14.4	37.1	21.3	24.3	0.0	0.0	2.2
Portugal	322	302	62.4	14.7	10.3	6.8	5.8	5.1	0.0	1.3
Qatar	227	220	14.2	15.5	29.7	13.1	27.4	0.0	0.0	4.2
Russian Federation	217	211	10.1	26.6	29.3	15.2	18.8	0.0	0.0	3.5
Saudi Arabia	189	180	17.4	14.8	33.8	18.6	15.4	0.5	0.0	4.4
Serbia	192	186	35.2	23.6	29.9	9.5	1.9	0.7	0.0	2.9
Singapore	358	350	5.9	20.8	37.9	21.3	14.1	1.5	0.0	1.0
Slovak Republic	328	326	48.4	22.6	13.0	6.3	9.6	0.7	0.0	0.3
Slovenia	256	239	30.7	32.7	25.6	10.2	0.9	5.4	0.0	1.0
Spain	393	368	39.8	10.9	17.1	11.6	20.6	4.1	0.0	1.8
Sweden	212	202	43.1	23.5	22.3	6.2	4.8	3.2	0.0	1.5
Turkey	251	249	91.5	3.1	3.6	1.1	0.6	0.0	0.0	0.7
United Arab Emirates	840	752	13.4	22.2	28.4	17.9	18.1	6.0	0.0	4.6
United States	492	421	34.8	29.4	19.0	10.2	6.6	12.7	0.0	2.2
International Avg (n=47)	13512	12579	40.7	23.8	19.2	8.7	7.6	4.0	0.0	2.4
Buenos Aires, Argentina	291	123	40.0	23.7	17.3	6.8	12.2	53.6	0.0	3.9
Ontario, Canada	275	237	59.8	23.1	10.5	2.5	4.0	6.6	0.0	6.9
Quebec, Canada	151	138	54.8	34.7	4.5	1.7	4.3	5.4	0.0	4.3
Norway (4)	223	191	78.6	11.4	6.1	1.2	2.8	9.9	0.0	3.5
Abu Dhabi, UAE	212	177	19.8	25.0	25.8	15.2	14.2	9.4	0.0	5.2
Dubai, UAE	290	269	9.4	22.6	33.2	19.8	14.9	2.5	0.0	3.7
Florida, US	120	91	32.8	30.3	22.7	11.5	2.7	20.6	0.0	2.5

Question: In the past two years, how many hours in total have you spent in formal <in-service/professional development> for science?  
 Location: TQS-09 (ATBS09)

Country	Sample	Valid N	1.None Mean	2.Less than 6 hours Mean	3.6-15 hours Mean	4.16-3 5 hours Mean	5.More than 35 hours Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	424	518.0	525.3	545.7	521.4	525.2	510.2	.	505.0
Bahrain	345	336	452.2	475.0	451.1	465.5	457.3	420.5	.	505.3
Belgium (Flemish)	295	285	512.8	512.4	510.6	499.1	506.1	500.5	.	519.9
Bulgaria	233	224	527.1	533.6	548.8	570.9	554.2	.	.	541.8
Canada	699	627	525.3	521.4	524.7	527.6	522.0	523.4	.	540.3
Chile	180	158	472.7	489.3	483.7	511.6	496.7	473.8	.	429.7
Chinese Taipei	178	177	548.5	554.0	555.4	560.9	563.8	.	.	528.2
Croatia	223	219	536.5	534.1	531.1	529.4	531.5	531.0	.	517.8
Cyprus	242	238	477.8	481.3	478.1	493.3	500.4	494.5	.	383.1
Czech Republic	265	263	530.1	539.1	534.3	533.1	526.0	542.1	.	.
Denmark	196	168	526.5	529.3	520.5	530.8	536.3	528.3	.	.
England	214	173	539.6	537.8	539.2	539.5	474.5	522.3	.	524.0
Finland	341	326	554.3	549.8	549.5	560.9	.	557.2	.	580.8
France	273	258	488.2	487.6	502.1	457.4	475.3	471.5	.	505.9
Georgia	188	181	440.3	454.0	457.0	456.2	430.5	438.4	.	466.2
Germany	226	193	524.0	536.0	525.8	528.6	525.7	534.0	.	498.1
Hong Kong SAR	148	143	543.5	566.5	548.2	565.6	563.5	549.3	.	595.9
Hungary	244	235	536.8	561.8	537.7	527.8	531.6	588.9	.	492.5
Indonesia	293	286	385.5	416.3	413.4	426.4	381.9	.	.	390.5
Iran, Islamic Rep. of	291	281	425.2	434.0	411.9	412.0	417.1	.	.	414.1
Ireland	214	211	526.3	531.4	533.6	539.8	543.2	.	.	540.9
Italy	257	232	515.4	521.6	520.1	538.2	487.6	517.3	.	503.6
Japan	157	154	567.6	570.8	568.2	581.9	563.8	545.1	.	554.6
Kazakhstan	239	220	531.0	548.8	553.3	557.3	557.2	529.8	.	536.7
Korea, Rep. of	182	181	590.0	594.3	575.1	593.1	584.1	594.1	.	.
Kuwait	294	270	362.1	328.6	341.7	331.0	331.6	323.0	.	348.4
Lithuania	291	284	523.9	537.4	526.4	532.1	511.2	492.7	.	468.2
Morocco	367	318	344.6	386.1	425.3	349.6	504.6	336.8	.	366.9
Netherlands	223	168	516.3	518.8	516.4	525.4	482.5	516.1	.	543.2
New Zealand	461	434	504.0	509.3	507.6	514.8	511.6	483.8	.	501.8
Northern Ireland	154	131	519.3	522.9	525.4	493.9	540.0	514.8	.	.
Norway	227	190	539.1	542.2	539.5	541.4	529.4	527.0	.	533.8
Oman	357	334	426.3	436.5	429.8	434.8	424.6	395.6	.	428.6
Poland	254	251	548.3	544.0	545.7	548.1	549.0	.	.	563.1
Portugal	322	302	508.3	507.6	513.0	511.3	502.1	502.5	.	495.3
Qatar	227	220	458.4	466.1	435.5	399.3	426.7	.	.	434.6
Russian Federation	217	211	571.5	566.8	564.5	569.5	566.6	.	.	573.4
Saudi Arabia	189	180	382.8	398.9	393.0	388.6	383.3	351.8	.	406.6
Serbia	192	186	520.8	517.9	534.1	522.2	532.0	506.9	.	531.1
Singapore	358	350	585.3	591.9	582.5	587.4	620.6	598.2	.	524.5
Slovak Republic	328	326	518.3	520.7	529.1	525.0	512.8	567.2	.	519.9
Slovenia	256	239	541.7	545.9	538.5	550.3	554.3	533.3	.	530.4
Spain	393	368	515.7	519.6	525.8	510.7	519.9	519.3	.	520.0
Sweden	212	202	539.0	551.0	533.8	544.5	538.7	530.8	.	509.6
Turkey	251	249	483.7	480.8	465.3	539.2	428.6	.	.	502.5
United Arab Emirates	840	752	427.4	464.5	470.8	465.4	421.8	417.0	.	446.8
United States	492	421	539.4	548.5	549.8	546.2	543.1	547.0	.	574.9
International Avg (n=47)	13512	12579	503.6	510.9	508.8	509.8	504.1	501.0	.	497.6
Buenos Aires, Argentina	291	123	433.3	425.3	408.5	375.3	404.9	416.5	.	415.6
Ontario, Canada	275	237	529.2	530.7	537.6	549.7	524.1	516.8	.	538.5
Quebec, Canada	151	138	521.0	524.6	527.9	537.2	518.0	534.3	.	550.2
Norway (4)	223	191	493.9	502.0	481.3	502.2	453.3	491.1	.	497.1
Abu Dhabi, UAE	212	177	379.9	409.9	425.8	448.9	422.3	400.6	.	423.1
Dubai, UAE	290	269	520.5	537.4	529.5	517.3	473.8	492.5	.	490.4
Florida, US	120	91	541.3	545.7	563.9	551.2	616.8	542.1	.	528.7

Question: How well prepared do you feel you are to teach the following science topics? Life Science: Characteristics of living things and the major groups of living things  
 Location: TQS-10Aa (ATBS10AA)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	10.0	61.4	26.7	1.9	5.7	0.0	3.0	531.2	523.4	525.3	541.8	510.2	.	505.5
Bahrain	345	338	6.5	90.3	3.1	0.2	1.9	0.0	0.8	449.2	458.9	485.9	386.7	420.5	.	523.8
Belgium (Flemish)	295	289	22.7	55.8	21.4	0.0	1.2	0.0	0.3	509.2	512.3	512.7	436.3	500.5	.	516.5
Bulgaria	233	230	0.2	95.8	3.9	0.0	0.0	0.0	0.6	555.7	537.2	502.4	.	.	.	505.6
Canada	699	631	17.3	58.3	23.0	1.4	5.8	0.0	4.2	515.9	524.7	530.3	506.8	523.4	.	539.1
Chile	180	159	8.2	81.1	10.2	0.5	6.9	0.0	3.4	490.4	482.6	453.4	468.0	473.8	.	420.3
Chinese Taipei	178	177	7.2	69.9	22.4	0.5	0.0	0.0	0.3	549.1	555.4	557.5	515.6	.	.	571.2
Croatia	223	220	22.2	59.9	17.1	0.7	1.5	0.0	0.0	543.7	529.3	535.6	519.8	531.0	.	.
Cyprus	242	234	15.8	66.0	18.2	0.0	1.1	0.0	2.2	492.2	482.2	467.0	.	.	.	486.6
Czech Republic	265	263	1.2	90.0	8.5	0.3	0.8	0.0	0.0	524.9	534.0	540.5	497.8	542.1	.	.
Denmark	196	167	8.0	63.0	23.3	5.7	12.3	0.0	0.5	523.6	529.7	518.5	535.3	528.3	.	507.3
England	214	175	10.7	62.2	26.7	0.3	15.0	0.0	0.7	542.5	541.1	530.3	466.4	522.3	.	543.2
Finland	341	327	7.7	64.8	27.2	0.3	4.3	0.0	0.2	549.8	555.4	550.4	545.2	557.2	.	589.0
France	273	257	10.8	21.6	49.6	17.9	4.0	0.0	2.1	490.9	482.7	494.4	473.0	471.5	.	506.9
Georgia	188	184	5.4	84.7	9.9	0.0	0.7	0.0	1.2	415.4	455.0	441.7	.	438.4	.	434.5
Germany	226	195	7.8	54.3	36.3	1.6	10.8	0.0	2.3	540.5	530.8	522.1	532.9	534.0	.	503.5
Hong Kong SAR	148	142	37.4	40.4	20.0	2.3	1.1	0.0	2.4	555.8	557.7	555.1	523.4	549.3	.	594.2
Hungary	244	237	1.5	66.7	31.8	0.0	1.1	0.0	1.6	540.4	543.7	538.1	.	588.9	.	516.4
Indonesia	293	293	11.5	60.7	26.8	1.0	0.0	0.0	0.0	418.2	395.9	388.7	408.3	.	.	.
Iran, Islamic Rep. of	291	285	12.5	76.3	10.9	0.2	0.0	0.0	2.1	409.3	422.1	423.5	437.7	.	.	437.8
Ireland	214	214	2.3	65.6	30.5	1.6	0.0	0.0	0.0	516.7	531.0	525.6	522.9	.	.	.
Italy	257	238	0.2	51.9	47.2	0.6	4.6	0.0	2.1	522.8	520.8	512.7	540.5	520.4	.	479.2
Japan	157	154	46.3	12.7	35.6	5.4	0.3	0.0	1.1	570.4	574.3	567.2	560.9	545.1	.	554.6
Kazakhstan	239	217	9.2	87.3	3.6	0.0	0.5	0.0	7.8	531.3	554.0	533.4	.	529.8	.	531.9
Korea, Rep. of	182	181	25.7	51.3	21.9	1.1	0.6	0.0	0.0	589.7	591.3	585.1	568.8	594.1	.	.
Kuwait	294	271	15.6	76.2	7.5	0.7	7.6	0.0	2.9	335.1	339.4	342.6	379.0	323.0	.	310.9
Lithuania	291	284	2.1	80.5	17.4	0.0	1.1	0.0	0.5	481.7	529.8	527.6	.	492.7	.	468.2
Morocco	367	315	2.5	79.0	17.7	0.8	5.9	0.0	7.7	344.1	350.6	360.8	315.8	336.8	.	367.0
Netherlands	223	166	2.9	61.2	31.9	4.0	21.8	0.0	1.2	500.1	517.9	522.0	478.3	515.4	.	549.0
New Zealand	461	436	2.9	55.4	38.2	3.5	2.2	0.0	2.0	519.2	515.1	495.2	471.1	483.8	.	503.3
Northern Ireland	154	131	15.3	51.7	31.1	1.9	17.4	0.0	0.0	516.5	520.9	521.2	545.8	514.8	.	.
Norway	227	189	4.1	61.8	31.2	2.9	11.9	0.0	4.8	534.9	539.8	538.3	545.9	527.0	.	534.1
Oman	357	339	25.8	70.2	3.6	0.4	0.6	0.0	3.2	427.2	433.8	396.7	471.7	399.2	.	438.7
Poland	254	249	63.2	34.4	2.5	0.0	0.0	0.0	2.0	547.2	550.3	522.2	.	.	.	522.9
Portugal	322	305	5.8	84.6	9.6	0.0	5.1	0.0	0.7	520.3	506.4	519.7	.	502.5	.	493.5
Qatar	227	220	7.0	86.9	3.6	2.5	0.0	0.0	3.6	443.8	438.0	427.4	367.8	.	.	435.7
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	185	5.0	81.9	11.6	1.5	0.5	0.0	1.2	364.8	394.3	383.8	304.0	351.8	.	416.9
Serbia	192	187	9.2	76.8	12.7	1.3	0.7	0.0	1.5	521.7	525.7	521.2	517.0	506.9	.	522.3
Singapore	358	350	21.4	70.5	8.1	0.0	1.5	0.0	1.0	589.9	590.4	597.7	.	598.2	.	535.7
Slovak Republic	328	326	1.4	92.5	6.0	0.0	0.7	0.0	0.3	511.1	520.4	518.0	.	567.2	.	519.9
Slovenia	256	240	4.6	64.0	29.3	2.2	5.4	0.0	0.7	549.1	542.5	543.7	543.9	533.3	.	528.6
Spain	393	371	5.2	80.7	14.1	0.0	4.1	0.0	0.5	529.7	516.3	524.4	557.1	519.3	.	518.7
Sweden	212	200	11.1	54.7	29.6	4.7	3.2	0.0	2.7	540.4	539.8	541.3	541.9	530.8	.	543.8
Turkey	251	250	28.8	52.8	16.9	1.5	0.0	0.0	0.2	482.3	489.3	472.1	454.9	.	.	297.4
United Arab Emirates	840	761	19.7	73.3	6.5	0.5	5.9	0.0	3.5	452.8	455.2	438.9	397.0	417.9	.	451.9
United States	492	416	14.1	61.8	22.7	1.4	12.7	0.0	3.4	555.9	549.2	531.5	486.6	547.0	.	557.2
International Avg (n=46)	13512	12421	12.5	66.1	19.7	1.6	4.1	0.0	1.8	503.2	506.3	500.9	482.4	501.1	.	494.6
Buenos Aires, Argentina	291	119	4.1	88.1	7.9	0.0	53.6	0.0	5.6	460.7	420.7	390.1	.	416.5	.	415.6
Ontario, Canada	275	239	21.5	55.5	22.1	0.9	6.6	0.0	6.4	528.6	532.3	531.0	470.0	516.8	.	540.2
Quebec, Canada	151	139	4.4	63.3	29.2	3.0	5.4	0.0	3.6	490.8	521.1	534.2	515.4	534.3	.	537.0
Norway (4)	223	191	3.5	63.9	30.9	1.7	9.9	0.0	3.5	497.2	493.2	492.9	480.9	491.1	.	497.1
Abu Dhabi, UAE	212	179	13.3	78.2	8.5	0.0	9.4	0.0	2.2	431.3	418.9	397.2	.	400.6	.	312.6
Dubai, UAE	290	274	21.4	72.5	5.5	0.6	2.2	0.0	3.1	498.8	522.8	517.0	518.7	512.5	.	540.4
Florida, US	120	90	9.2	62.0	28.8	0.0	20.6	0.0	2.9	545.1	556.9	540.0	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Life Science: Major body structures and their functions  
 in humans, other animals, and plants  
 Location: TQS-10Ab (ATBS10AB)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	19.2	43.4	34.7	2.7	5.7	0.0	3.0	524.1	523.6	528.9	506.7	510.2	.	505.5
Bahrain	345	338	25.5	67.4	7.0	0.1	1.9	0.0	0.8	458.1	458.5	466.8	466.3	420.5	.	523.8
Belgium (Flemish)	295	289	29.3	48.1	20.6	1.9	1.2	0.0	0.3	509.9	513.0	510.1	518.6	500.5	.	516.5
Bulgaria	233	229	1.2	93.5	5.3	0.0	0.0	0.0	1.0	606.4	537.3	498.1	.	.	.	496.4
Canada	699	631	30.9	38.7	26.8	3.5	5.8	0.0	4.5	526.1	520.9	527.4	513.0	523.4	.	543.0
Chile	180	159	2.6	85.3	12.2	0.0	6.9	0.0	3.6	427.1	482.1	479.2	.	473.8	.	420.1
Chinese Taipei	178	177	20.2	55.6	24.2	0.0	0.0	0.0	0.6	555.4	556.3	553.9	.	.	.	521.5
Croatia	223	220	9.9	78.4	11.7	0.0	1.5	0.0	0.0	537.0	533.0	534.0	.	531.0	.	.
Cyprus	242	233	28.6	53.0	17.2	1.2	1.1	0.0	2.5	488.4	478.8	476.5	474.5	494.5	.	483.8
Czech Republic	265	263	6.4	79.0	14.6	0.0	0.8	0.0	0.0	532.1	533.1	542.1	.	542.1	.	.
Denmark	196	167	6.6	69.1	21.0	3.2	12.3	0.0	0.5	524.0	530.0	516.2	537.3	528.3	.	507.3
England	214	175	16.5	52.8	29.5	1.2	15.0	0.0	0.7	540.4	542.0	531.2	511.2	522.3	.	543.2
Finland	341	327	8.9	61.2	28.9	0.9	4.3	0.0	0.2	552.9	554.1	552.4	561.5	557.2	.	589.0
France	273	257	5.9	32.4	48.7	13.0	4.0	0.0	2.0	491.9	486.5	492.8	472.1	471.5	.	490.7
Georgia	188	183	15.6	70.1	14.3	0.0	0.7	0.0	2.1	439.8	454.4	450.2	.	438.4	.	442.3
Germany	226	194	6.4	60.2	32.9	0.5	10.8	0.0	2.8	544.0	530.6	521.0	541.3	534.0	.	510.0
Hong Kong SAR	148	141	8.3	56.1	32.7	2.9	1.1	0.0	3.4	562.1	556.3	554.8	539.4	549.3	.	580.5
Hungary	244	237	1.9	63.8	34.3	0.0	1.1	0.0	1.6	460.3	547.4	536.2	.	588.9	.	516.4
Indonesia	293	291	6.8	62.6	30.1	0.5	0.0	0.0	0.5	403.2	394.5	399.9	466.7	.	.	306.6
Iran, Islamic Rep. of	291	284	8.1	67.4	24.5	0.0	0.0	0.0	2.3	423.6	421.0	418.3	.	.	.	440.2
Ireland	214	213	1.8	65.5	30.5	2.2	0.0	0.0	0.5	523.7	531.3	524.9	515.7	.	.	533.5
Italy	257	238	10.0	45.6	43.4	1.0	4.6	0.0	2.2	514.7	521.4	511.4	545.2	520.4	.	502.0
Japan	157	154	21.6	28.4	48.0	2.0	0.3	0.0	1.1	569.0	573.4	567.0	566.8	545.1	.	554.6
Kazakhstan	239	216	5.9	88.1	6.0	0.0	0.5	0.0	8.2	544.7	551.9	551.6	.	529.8	.	529.7
Korea, Rep. of	182	181	37.0	43.7	17.5	1.8	0.6	0.0	0.0	591.6	590.3	583.4	575.7	594.1	.	.
Kuwait	294	268	11.9	81.2	6.3	0.6	7.6	0.0	3.5	334.3	339.3	327.1	405.1	323.0	.	339.5
Lithuania	291	284	0.1	85.6	14.3	0.0	1.1	0.0	0.5	528.9	528.0	530.8	.	492.7	.	468.2
Morocco	367	311	25.2	53.2	19.4	2.3	5.9	0.0	8.8	355.3	355.4	342.1	332.8	336.8	.	361.7
Netherlands	223	166	7.6	60.0	26.5	5.9	21.8	0.0	1.2	503.2	519.3	521.3	493.6	515.4	.	549.0
New Zealand	461	437	4.1	42.8	49.0	4.1	2.2	0.0	1.8	519.7	514.1	500.7	472.4	483.8	.	501.7
Northern Ireland	154	131	12.2	58.3	27.7	1.8	17.4	0.0	0.0	517.7	523.2	515.8	543.0	514.8	.	.
Norway	227	189	1.7	76.4	19.5	2.3	11.9	0.0	4.8	530.3	539.7	537.2	550.2	527.0	.	534.1
Oman	357	339	30.3	59.9	8.8	1.1	0.6	0.0	3.1	425.0	436.0	423.8	380.1	399.2	.	435.9
Poland	254	251	26.2	72.5	1.2	0.0	0.0	0.0	1.4	545.7	548.2	531.6	.	.	.	534.9
Portugal	322	303	2.4	82.9	14.7	0.0	5.1	0.0	1.4	498.0	508.3	511.5	.	502.5	.	496.3
Qatar	227	218	25.4	66.3	6.5	1.9	0.0	0.0	3.3	429.8	439.6	434.5	369.1	.	.	458.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	185	6.4	74.9	17.2	1.5	0.5	0.0	1.2	337.8	397.2	386.6	304.0	351.8	.	416.9
Serbia	192	187	11.2	74.2	13.9	0.7	0.7	0.0	2.0	496.0	528.6	532.2	460.9	506.9	.	508.1
Singapore	358	350	17.6	69.4	13.0	0.0	1.5	0.0	1.0	592.6	591.1	587.8	.	598.2	.	535.7
Slovak Republic	328	326	0.8	93.8	5.4	0.0	0.7	0.0	0.3	508.6	520.1	521.8	.	567.2	.	519.9
Slovenia	256	240	1.6	83.8	14.2	0.3	5.4	0.0	0.7	547.3	542.2	548.6	541.9	533.3	.	528.6
Spain	393	370	2.3	79.6	18.0	0.0	4.1	0.0	0.7	523.7	517.6	519.6	.	519.3	.	528.8
Sweden	212	202	15.5	55.9	25.5	3.1	3.2	0.0	2.0	535.5	540.7	543.7	541.4	530.8	.	533.2
Turkey	251	251	18.2	61.9	17.8	2.1	0.0	0.0	0.0	490.0	485.7	471.6	458.8	.	.	.
United Arab Emirates	840	761	15.7	76.8	7.0	0.5	5.9	0.0	2.4	471.8	451.5	444.1	491.9	418.3	.	413.9
United States	492	416	23.1	44.0	28.4	4.5	12.7	0.0	3.2	553.2	547.2	540.6	513.8	547.0	.	559.6
International Avg (n=46)	13512	12405	12.9	64.4	21.1	1.5	4.1	0.0	1.9	502.1	506.4	502.2	489.4	501.1	.	494.7
Buenos Aires, Argentina	291	119	3.8	82.0	14.3	0.0	53.6	0.0	5.6	435.2	417.3	430.3	.	416.5	.	415.6
Ontario, Canada	275	240	42.0	32.6	22.0	3.4	6.6	0.0	6.3	534.3	524.6	534.3	523.4	516.8	.	539.0
Quebec, Canada	151	139	7.7	50.0	36.6	5.7	5.4	0.0	3.6	519.4	519.0	535.2	492.2	534.3	.	537.0
Norway (4)	223	191	4.6	70.5	24.9	0.0	9.9	0.0	3.5	478.2	494.3	492.3	.	491.1	.	497.1
Abu Dhabi, UAE	212	180	15.6	74.2	9.3	1.0	9.4	0.0	2.1	448.6	412.3	413.3	476.9	400.6	.	312.5
Dubai, UAE	290	272	15.2	77.8	6.4	0.6	2.4	0.0	1.8	518.1	519.6	501.1	518.7	508.2	.	518.3
Florida, US	120	90	18.1	42.9	32.1	6.9	20.6	0.0	2.9	549.3	558.1	551.8	506.5	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Life Science: Life cycles of common plants and animals  
 Location: TQS-10Ac (ATBS10AC)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	420	6.8	69.0	22.4	1.7	5.7	0.0	3.3	526.6	524.5	526.6	542.5	510.2	.	498.1
Bahrain	345	338	30.3	59.0	10.8	0.0	1.9	0.0	0.8	458.5	460.3	453.4	.	420.5	.	523.8
Belgium (Flemish)	295	287	17.3	62.1	20.6	0.0	1.2	0.0	0.8	514.3	514.1	501.9	.	500.5	.	512.6
Bulgaria	233	229	0.3	94.9	4.8	0.0	0.0	0.0	0.9	541.6	536.4	521.6	.	.	.	532.8
Canada	699	632	24.0	50.9	23.7	1.4	5.8	0.0	4.1	524.1	523.2	527.8	505.7	523.4	.	538.2
Chile	180	160	7.1	82.4	10.5	0.0	6.9	0.0	3.2	494.4	481.6	460.1	.	473.8	.	413.8
Chinese Taipei	178	178	11.4	67.0	20.9	0.8	0.0	0.0	0.0	551.7	555.4	556.6	562.0	.	.	.
Croatia	223	220	26.6	54.1	18.2	1.0	1.5	0.0	0.0	536.1	531.7	536.2	513.2	531.0	.	.
Cyprus	242	234	26.2	48.1	23.2	2.6	1.1	0.0	2.2	486.9	479.5	478.5	472.4	494.5	.	486.6
Czech Republic	265	263	4.1	78.5	17.3	0.0	0.8	0.0	0.0	536.4	533.9	535.6	.	542.1	.	.
Denmark	196	167	9.0	64.8	24.1	2.1	12.3	0.0	0.5	527.7	526.5	526.9	538.1	528.3	.	507.3
England	214	174	8.0	65.8	25.2	1.0	15.0	0.0	1.3	543.8	538.5	537.8	495.2	522.3	.	533.8
Finland	341	327	6.7	66.8	26.0	0.5	4.3	0.0	0.2	550.2	555.4	549.3	574.3	557.2	.	589.0
France	273	258	15.6	26.8	44.3	13.3	4.0	0.0	1.7	486.7	483.8	493.3	479.9	471.5	.	495.1
Georgia	188	187	1.0	86.8	12.2	0.0	0.7	0.0	0.0	400.9	454.0	436.7	.	438.4	.	.
Germany	226	194	5.3	62.6	31.0	1.1	10.8	0.0	2.8	527.3	531.5	522.4	521.9	534.0	.	510.0
Hong Kong SAR	148	142	36.8	40.2	20.8	2.3	1.1	0.0	2.4	557.0	557.1	554.1	523.4	549.3	.	594.2
Hungary	244	237	6.8	55.3	36.3	1.7	1.1	0.0	1.6	523.0	548.9	540.3	421.3	588.9	.	516.4
Indonesia	293	291	4.5	67.8	26.8	0.9	0.0	0.0	1.0	402.8	403.7	381.4	360.6	.	.	328.3
Iran, Islamic Rep. of	291	286	21.8	54.2	23.8	0.2	0.0	0.0	1.6	430.4	420.6	412.4	411.5	.	.	435.7
Ireland	214	214	2.5	74.8	21.0	1.7	0.0	0.0	0.0	514.1	530.7	524.7	523.1	.	.	.
Italy	257	238	1.5	48.0	49.4	1.1	4.6	0.0	1.8	503.7	518.0	515.9	533.5	520.4	.	482.8
Japan	157	153	20.5	29.1	48.7	1.7	0.3	0.0	1.7	566.8	572.9	568.1	574.2	545.1	.	556.6
Kazakhstan	239	216	14.4	79.5	5.7	0.3	0.5	0.0	8.2	539.7	552.9	563.5	502.5	529.8	.	529.7
Korea, Rep. of	182	181	13.1	66.2	18.9	1.9	0.6	0.0	0.0	586.3	591.7	582.0	596.7	594.1	.	.
Kuwait	294	271	9.7	84.6	5.2	0.5	7.6	0.0	2.6	343.7	338.3	335.1	372.1	323.0	.	321.9
Lithuania	291	283	0.2	85.4	14.4	0.0	1.1	0.0	0.6	511.8	528.0	531.0	.	492.7	.	470.6
Morocco	367	315	3.1	80.7	15.2	1.0	5.9	0.0	7.7	364.2	351.4	355.1	314.0	336.8	.	366.6
Netherlands	223	165	7.1	59.3	28.7	4.8	21.8	0.0	1.7	509.2	517.5	525.6	483.9	515.4	.	515.8
New Zealand	461	437	3.7	58.8	34.6	2.9	2.2	0.0	1.8	529.6	512.3	495.5	476.7	483.8	.	501.7
Northern Ireland	154	131	18.3	53.9	26.1	1.8	17.4	0.0	0.0	517.5	520.4	522.4	543.0	514.8	.	.
Norway	227	188	3.8	67.8	25.5	2.9	11.9	0.0	5.2	535.1	538.3	541.6	545.9	527.0	.	535.1
Oman	357	337	29.6	64.7	3.9	1.8	0.6	0.0	4.1	420.6	436.0	432.5	382.9	399.2	.	449.4
Poland	254	252	64.2	34.6	1.3	0.0	0.0	0.0	0.7	546.7	549.4	523.1	.	.	.	528.7
Portugal	322	305	6.8	65.6	27.3	0.4	5.1	0.0	0.7	518.3	507.9	507.2	522.9	502.5	.	493.5
Qatar	227	220	9.4	86.1	2.6	1.9	0.0	0.0	3.1	470.0	433.0	454.5	350.7	.	.	461.3
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	185	10.1	70.2	17.2	2.5	0.5	0.0	1.2	378.3	394.0	388.7	341.4	351.8	.	416.9
Serbia	192	186	21.7	52.7	22.3	3.3	0.7	0.0	2.3	516.5	526.5	530.3	524.8	506.9	.	504.6
Singapore	358	350	12.2	77.6	10.2	0.0	1.5	0.0	1.0	582.0	591.1	599.8	.	598.2	.	535.7
Slovak Republic	328	326	1.1	86.1	12.9	0.0	0.7	0.0	0.3	507.4	520.7	517.6	.	567.2	.	519.9
Slovenia	256	240	17.7	51.2	28.2	2.8	5.4	0.0	0.7	542.3	542.1	544.5	555.2	533.3	.	528.6
Spain	393	371	2.6	80.2	17.1	0.0	4.1	0.0	0.5	524.3	517.2	521.7	553.0	519.3	.	518.7
Sweden	212	202	8.2	59.8	28.5	3.5	3.2	0.0	2.0	541.8	542.8	536.1	538.3	530.8	.	533.2
Turkey	251	250	29.6	53.5	15.1	1.8	0.0	0.0	1.1	480.5	486.9	481.3	447.0	.	.	478.6
United Arab Emirates	840	761	18.2	75.4	6.2	0.2	5.9	0.0	3.3	436.4	459.8	433.0	516.9	417.9	.	434.8
United States	492	416	18.0	56.7	24.4	0.9	12.7	0.0	3.2	555.3	548.1	532.3	512.2	547.0	.	559.6
International Avg (n=46)	13512	12417	13.4	64.3	20.7	1.5	4.1	0.0	1.8	503.5	506.3	502.5	489.8	501.1	.	493.9
Buenos Aires, Argentina	291	119	6.0	74.2	19.8	0.0	53.6	0.0	5.6	455.3	417.5	417.9	.	416.5	.	415.6
Ontario, Canada	275	240	35.7	44.4	18.4	1.5	6.6	0.0	6.3	529.4	530.9	537.4	476.4	516.8	.	539.0
Quebec, Canada	151	139	7.5	49.3	41.4	1.8	5.4	0.0	3.6	523.5	518.6	528.9	531.5	534.3	.	537.0
Norway (4)	223	190	3.7	64.8	30.7	0.8	9.9	0.0	3.9	483.8	493.3	492.8	495.3	491.1	.	501.9
Abu Dhabi, UAE	212	179	16.8	77.0	6.1	0.0	9.4	0.0	3.8	457.3	408.1	412.9	.	400.6	.	404.3
Dubai, UAE	290	273	13.7	81.7	4.0	0.6	2.2	0.0	2.3	476.9	525.5	515.5	516.9	512.5	.	502.8
Florida, US	120	90	10.1	67.2	21.4	1.3	20.6	0.0	2.9	547.5	554.5	546.3	471.0	542.1	.	531.0



Question: How well prepared do you feel you are to teach the following science topics? Life Science: Understanding that some characteristics are inherited and some are the result of the environment  
 Location: TQS-10Ad (ATBS10AD)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	22.3	39.3	31.1	7.3	5.7	0.0	3.0	523.2	527.6	521.2	533.5	510.2	.	505.5
Bahrain	345	337	39.4	45.8	14.1	0.7	1.9	0.0	1.2	456.7	466.9	443.1	433.6	420.5	.	480.6
Belgium (Flemish)	295	287	38.4	32.7	27.9	1.0	1.2	0.0	1.0	506.1	514.2	516.1	504.2	500.5	.	523.2
Bulgaria	233	228	28.0	47.5	21.0	3.6	0.0	0.0	1.8	562.1	525.1	533.6	535.6	.	.	432.7
Canada	699	630	23.8	46.8	25.8	3.7	5.8	0.0	4.3	521.9	527.3	524.1	502.5	523.4	.	537.3
Chile	180	157	6.0	69.7	23.7	0.5	6.9	0.0	4.4	512.3	478.9	475.3	512.2	473.8	.	434.1
Chinese Taipei	178	178	55.1	27.1	15.6	2.2	0.0	0.0	0.0	555.9	553.8	557.4	541.5	.	.	.
Croatia	223	220	58.3	22.1	17.3	2.2	1.5	0.0	0.0	535.3	529.6	532.9	529.6	531.0	.	.
Cyprus	242	232	15.5	60.8	21.5	2.1	1.1	0.0	2.7	484.7	481.6	476.3	475.0	494.5	.	492.5
Czech Republic	265	263	16.9	59.2	23.2	0.7	0.8	0.0	0.0	535.7	534.3	532.5	559.2	542.1	.	.
Denmark	196	167	13.0	55.8	25.4	5.8	12.3	0.0	0.5	524.3	529.3	521.6	533.9	528.3	.	507.3
England	214	175	21.6	41.7	34.9	1.8	15.0	0.0	0.7	532.0	544.6	534.4	535.8	522.3	.	543.2
Finland	341	327	15.7	61.7	22.5	0.0	4.3	0.0	0.2	552.1	555.4	549.9	421.1	557.2	.	589.0
France	273	258	21.6	14.5	35.3	28.6	4.0	0.0	1.7	485.1	480.9	493.2	487.2	471.5	.	495.1
Georgia	188	184	22.6	54.8	21.2	1.4	0.7	0.0	1.9	448.9	453.4	446.9	453.2	438.4	.	468.0
Germany	226	193	23.7	33.2	32.3	10.8	10.8	0.0	3.3	530.8	528.2	524.9	532.6	534.0	.	516.9
Hong Kong SAR	148	141	37.1	34.8	24.9	3.3	1.1	0.0	3.2	560.6	556.5	548.0	538.3	549.3	.	595.7
Hungary	244	236	43.8	22.7	30.8	2.7	1.1	0.0	1.8	541.5	547.9	541.9	490.2	588.9	.	527.4
Indonesia	293	293	12.6	48.8	34.3	4.3	0.0	0.0	0.0	389.5	402.7	395.6	357.7	.	.	.
Iran, Islamic Rep. of	291	281	41.6	28.2	24.3	5.8	0.0	0.0	3.2	430.3	417.6	409.9	400.2	.	.	451.8
Ireland	214	212	3.1	43.9	44.6	8.4	0.0	0.0	0.8	534.4	531.5	523.5	543.9	.	.	507.8
Italy	257	237	12.6	35.4	50.7	1.4	4.6	0.0	2.5	519.7	519.2	514.7	524.5	520.4	.	486.3
Japan	157	154	72.7	3.9	12.8	10.6	0.3	0.0	1.1	569.2	572.1	569.9	568.0	545.1	.	554.6
Kazakhstan	239	213	16.5	68.6	13.6	1.3	0.5	0.0	9.3	554.4	555.6	535.8	508.3	529.8	.	525.8
Korea, Rep. of	182	181	56.7	19.2	15.3	8.8	0.6	0.0	0.0	592.5	584.3	588.8	580.3	594.1	.	.
Kuwait	294	272	32.2	55.5	10.8	1.5	7.6	0.0	2.2	344.4	335.7	334.8	333.1	323.0	.	338.4
Lithuania	291	284	4.9	81.3	13.8	0.0	1.1	0.0	0.5	506.8	528.8	533.4	.	492.7	.	468.2
Morocco	367	315	53.7	23.9	17.0	5.4	5.9	0.0	7.7	348.1	364.3	356.7	321.1	336.8	.	366.9
Netherlands	223	166	18.4	50.7	24.4	6.5	21.8	0.0	1.5	513.7	518.7	521.8	504.5	515.4	.	517.4
New Zealand	461	437	5.1	33.0	52.4	9.5	2.2	0.0	1.8	521.2	515.0	505.5	469.9	483.8	.	501.7
Northern Ireland	154	130	20.3	32.4	39.9	7.4	17.4	0.0	0.2	526.4	515.4	519.9	533.9	514.8	.	531.5
Norway	227	187	4.0	71.9	21.8	2.4	11.9	0.0	6.0	527.1	539.7	538.5	548.2	527.0	.	537.0
Oman	357	332	40.8	48.7	8.7	1.8	0.6	0.0	5.9	437.9	427.6	424.2	378.5	399.2	.	440.2
Poland	254	251	64.6	31.0	4.3	0.0	0.0	0.0	2.9	549.6	545.9	534.9	.	.	.	525.9
Portugal	322	305	8.3	66.5	24.4	0.8	5.1	0.0	0.7	521.2	507.0	508.0	516.8	502.5	.	493.5
Qatar	227	219	39.1	47.9	11.2	1.8	0.0	0.0	3.2	429.5	443.3	430.5	386.6	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	21.4	58.9	17.9	1.8	0.8	0.0	1.5	371.8	395.8	387.9	398.0	439.6	.	433.3
Serbia	192	186	31.1	42.0	22.7	4.2	0.7	0.0	2.7	513.5	528.6	535.7	519.4	506.9	.	507.2
Singapore	358	350	54.6	33.8	9.6	2.0	1.5	0.0	1.0	585.4	597.1	599.1	595.9	598.2	.	535.7
Slovak Republic	328	326	19.5	56.3	20.5	3.7	0.7	0.0	0.3	525.7	518.9	516.8	528.5	567.2	.	519.9
Slovenia	256	240	10.2	62.5	26.2	1.2	5.4	0.0	0.7	543.6	542.2	545.8	536.5	533.3	.	528.6
Spain	393	369	10.7	66.6	22.7	0.0	4.1	0.0	0.8	517.6	515.3	526.5	578.2	519.3	.	526.2
Sweden	212	199	23.6	44.2	29.7	2.5	3.2	0.0	3.5	541.3	538.0	543.5	526.1	530.8	.	550.8
Turkey	251	250	33.6	47.2	16.5	2.7	0.0	0.0	0.2	486.9	483.8	476.2	475.9	.	.	514.1
United Arab Emirates	840	759	33.4	54.0	10.9	1.7	5.9	0.0	3.3	460.9	453.7	438.6	419.8	417.9	.	437.4
United States	492	416	13.2	57.5	26.8	2.5	12.7	0.0	3.2	560.2	544.3	541.8	522.9	547.0	.	559.6
International Avg (n=46)	13512	12383	27.4	45.3	23.4	3.9	4.1	0.0	2.1	506.3	506.0	502.9	493.1	503.4	.	499.2
Buenos Aires, Argentina	291	118	14.7	59.8	25.0	0.5	53.6	0.0	5.8	429.5	423.6	408.7	337.5	416.5	.	412.9
Ontario, Canada	275	239	22.3	54.1	21.7	1.9	6.6	0.0	6.4	531.8	532.8	528.4	492.7	516.8	.	538.0
Quebec, Canada	151	138	16.7	34.1	39.1	10.1	5.4	0.0	3.8	528.6	523.7	525.9	504.6	534.3	.	536.3
Norway (4)	223	189	10.9	64.3	22.9	1.9	9.9	0.0	4.7	492.8	494.0	489.8	490.7	491.1	.	499.8
Abu Dhabi, UAE	212	179	28.8	57.8	12.3	1.2	9.4	0.0	2.7	458.7	406.2	385.1	389.5	400.6	.	339.0
Dubai, UAE	290	274	32.1	57.2	8.6	2.2	2.2	0.0	1.7	508.2	525.5	519.7	440.5	512.5	.	543.4
Florida, US	120	90	8.5	62.4	29.1	0.0	20.6	0.0	2.9	550.3	555.6	541.3	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Life Science: How physical features and behaviors help living things survive in their environments  
 Location: TQS-10Ae (ATBS10AE)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	11.5	56.8	27.3	4.3	5.7	0.0	3.0	531.2	522.7	528.0	521.3	510.2	.	505.5
Bahrain	345	336	7.7	79.9	12.0	0.4	1.9	0.0	1.6	468.8	462.9	429.8	377.3	420.5	.	487.8
Belgium (Flemish)	295	287	16.9	56.1	26.5	0.5	1.2	0.0	0.7	510.2	509.4	517.7	509.0	500.5	.	502.4
Bulgaria	233	230	1.4	89.9	8.7	0.0	0.0	0.0	0.6	546.3	536.2	531.2	.	.	.	505.6
Canada	699	629	10.5	63.0	24.4	2.2	5.8	0.0	4.3	512.6	525.7	526.7	508.1	523.4	.	538.9
Chile	180	158	0.6	86.3	13.1	0.0	6.9	0.0	4.4	505.1	482.0	466.9	.	473.8	.	433.8
Chinese Taipei	178	178	27.2	51.5	20.7	0.7	0.0	0.0	0.0	551.9	556.6	556.7	552.6	.	.	.
Croatia	223	219	24.5	52.1	20.5	2.9	1.5	0.0	0.3	535.0	530.8	537.6	534.8	531.0	.	569.9
Cyprus	242	233	2.1	84.5	13.4	0.0	1.1	0.0	2.6	478.3	481.2	478.0	.	494.5	.	497.1
Czech Republic	265	263	3.3	74.0	22.3	0.4	0.8	0.0	0.0	527.2	532.9	539.9	546.8	542.1	.	.
Denmark	196	167	9.4	65.7	22.3	2.6	12.3	0.0	0.5	530.5	528.7	518.8	539.4	528.3	.	507.3
England	214	175	17.5	51.3	30.9	0.3	15.0	0.0	0.7	535.7	542.1	533.7	466.4	522.3	.	543.2
Finland	341	326	8.2	65.3	26.1	0.4	4.3	0.0	0.3	559.7	554.4	549.4	564.1	557.2	.	586.3
France	273	257	13.4	17.3	47.7	21.6	4.0	0.0	2.1	489.4	485.1	492.5	479.6	471.5	.	490.6
Georgia	188	183	4.7	81.5	13.8	0.0	0.7	0.0	2.1	422.3	452.5	456.3	.	438.4	.	439.7
Germany	226	194	13.9	40.4	40.7	5.0	10.8	0.0	3.2	531.2	530.1	525.5	527.6	534.0	.	515.8
Hong Kong SAR	148	141	37.2	42.1	19.3	1.5	1.1	0.0	2.9	562.2	554.9	548.6	513.0	549.3	.	584.2
Hungary	244	237	12.9	51.3	35.2	0.7	1.1	0.0	1.6	535.4	549.0	534.5	507.1	588.9	.	516.4
Indonesia	293	291	11.8	51.6	34.5	2.1	0.0	0.0	0.7	406.7	395.9	398.0	386.0	.	.	260.8
Iran, Islamic Rep. of	291	283	29.8	45.3	22.2	2.7	0.0	0.0	2.8	430.3	417.2	421.4	386.3	.	.	414.3
Ireland	214	213	0.5	60.3	35.7	3.5	0.0	0.0	0.2	538.9	531.2	524.7	529.5	.	.	550.3
Italy	257	237	3.4	47.8	47.3	1.4	4.6	0.0	2.5	515.4	519.6	512.9	538.6	520.4	.	505.3
Japan	157	154	63.3	9.4	20.0	7.4	0.3	0.0	1.1	569.8	572.8	568.3	562.6	545.1	.	554.6
Kazakhstan	239	216	4.9	85.0	9.3	0.9	0.5	0.0	8.2	547.5	552.8	544.8	518.4	529.8	.	529.7
Korea, Rep. of	182	181	26.5	56.5	15.8	1.3	0.6	0.0	0.0	591.2	590.1	583.7	583.9	594.1	.	.
Kuwait	294	270	15.4	77.3	6.2	1.0	7.6	0.0	3.2	348.0	339.3	302.8	407.9	323.0	.	319.0
Lithuania	291	283	0.0	88.7	11.3	0.0	1.1	0.0	0.6	.	526.2	545.7	.	492.7	.	465.7
Morocco	367	311	47.1	31.1	17.1	4.7	5.9	0.0	9.2	348.7	355.4	368.1	323.8	336.8	.	355.7
Netherlands	223	165	17.7	49.9	28.2	4.2	21.8	0.0	2.2	511.5	519.1	521.6	501.7	515.4	.	513.1
New Zealand	461	436	4.4	48.4	41.9	5.3	2.2	0.0	2.0	524.6	516.0	498.7	460.2	483.8	.	499.4
Northern Ireland	154	130	17.8	36.5	40.8	5.0	17.4	0.0	0.2	529.2	519.4	518.0	523.6	514.8	.	531.5
Norway	227	188	3.1	67.1	26.5	3.3	11.9	0.0	5.2	529.3	538.9	540.5	546.7	527.0	.	535.1
Oman	357	340	8.2	86.3	5.1	0.4	0.6	0.0	2.9	409.9	434.3	406.1	471.7	399.2	.	436.9
Poland	254	247	37.0	60.6	2.4	0.0	0.0	0.0	2.9	550.5	545.6	543.1	.	.	.	542.2
Portugal	322	305	6.7	69.2	23.3	0.7	5.1	0.0	0.7	518.5	507.6	508.1	513.5	502.5	.	493.5
Qatar	227	219	23.4	66.9	8.7	1.1	0.0	0.0	3.2	440.9	438.2	407.7	373.0	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	16.3	62.4	18.3	2.9	1.9	0.0	2.9	374.4	398.5	383.1	347.8	352.7	.	417.3
Serbia	192	187	10.0	75.3	14.1	0.5	0.7	0.0	1.9	519.5	525.1	526.8	550.0	506.9	.	509.3
Singapore	358	350	52.9	31.2	13.9	2.0	1.5	0.0	1.0	587.8	590.3	600.6	616.2	598.2	.	535.7
Slovak Republic	328	326	3.8	78.1	17.8	0.3	0.7	0.0	0.3	494.2	522.4	515.7	530.0	567.2	.	519.9
Slovenia	256	240	20.0	48.1	31.3	0.5	5.4	0.0	0.7	537.3	543.3	546.4	563.6	533.3	.	528.6
Spain	393	370	4.6	77.4	18.1	0.0	4.1	0.0	0.5	526.8	516.6	522.8	.	519.3	.	517.3
Sweden	212	202	13.0	52.9	31.0	3.1	3.2	0.0	2.0	548.0	541.9	536.5	529.4	530.8	.	533.2
Turkey	251	249	23.7	58.4	15.6	2.4	0.0	0.0	0.9	489.3	484.4	469.8	469.2	.	.	535.8
United Arab Emirates	840	758	16.8	72.5	9.9	0.9	6.0	0.0	2.5	460.4	453.5	454.4	409.5	416.7	.	421.1
United States	492	416	6.6	70.6	21.6	1.1	12.7	0.0	3.2	556.0	548.7	531.7	521.5	547.0	.	559.6
International Avg (n=46)	13512	12383	15.5	60.3	22.0	2.2	4.1	0.0	2.1	505.3	506.1	501.6	495.2	501.1	.	494.6
Buenos Aires, Argentina	291	119	6.0	77.1	16.3	0.5	53.6	0.0	5.6	411.2	423.7	407.5	337.5	416.5	.	415.6
Ontario, Canada	275	240	3.1	75.1	20.2	1.6	6.6	0.0	6.3	521.0	532.4	525.3	542.4	516.8	.	539.0
Quebec, Canada	151	138	17.0	39.2	38.8	5.0	5.4	0.0	3.8	515.6	524.1	530.8	487.7	534.3	.	536.3
Norway (4)	223	190	9.5	61.3	27.0	2.2	9.9	0.0	3.9	493.3	493.5	492.3	479.2	491.1	.	501.9
Abu Dhabi, UAE	212	180	12.8	77.2	8.6	1.4	9.4	0.0	2.1	465.6	414.3	393.9	381.0	400.6	.	312.5
Dubai, UAE	290	270	14.7	73.1	11.4	0.9	2.5	0.0	1.4	522.6	523.7	488.6	464.7	491.7	.	490.8
Florida, US	120	90	5.5	61.7	32.8	0.0	20.6	0.0	2.9	564.4	552.4	546.0	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Life Science: Relationships in communities and ecosystems  
 Location: TQS-10Af (ATBS10AF)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	8.3	62.8	26.2	2.7	5.7	0.0	3.0	536.6	524.3	524.1	516.4	510.2	.	505.5
Bahrain	345	338	9.6	83.7	6.4	0.4	1.9	0.0	0.8	454.0	461.7	435.9	377.3	420.5	.	523.8
Belgium (Flemish)	295	288	22.4	57.2	19.9	0.5	1.2	0.0	0.5	509.9	510.4	517.3	523.7	500.5	.	490.7
Bulgaria	233	230	0.7	96.2	2.4	0.7	0.0	0.0	0.6	529.9	537.1	524.0	410.8	.	.	505.6
Canada	699	632	7.2	70.5	21.2	1.0	5.8	0.0	4.1	510.6	524.3	528.4	527.1	523.4	.	538.2
Chile	180	159	0.1	87.3	11.6	1.0	6.9	0.0	3.6	451.8	483.5	459.4	448.5	473.8	.	420.1
Chinese Taipei	178	178	36.0	44.6	18.0	1.3	0.0	0.0	0.0	554.7	555.6	555.9	552.2	.	.	.
Croatia	223	220	25.5	59.0	13.9	1.6	1.5	0.0	0.0	533.1	533.7	532.6	540.1	531.0	.	.
Cyprus	242	233	23.6	63.9	12.5	0.0	1.1	0.0	2.6	484.5	478.8	483.1	.	494.5	.	497.1
Czech Republic	265	263	1.2	88.0	10.8	0.0	0.8	0.0	0.0	539.0	533.5	540.8	.	542.1	.	.
Denmark	196	167	10.0	69.6	19.7	0.8	12.3	0.0	0.5	524.5	527.8	524.0	551.4	528.3	.	507.3
England	214	174	18.4	54.7	26.6	0.3	15.0	0.0	1.4	540.7	541.9	531.7	466.4	522.3	.	504.0
Finland	341	327	4.5	73.9	21.1	0.5	4.3	0.0	0.2	563.0	553.7	551.2	556.8	557.2	.	589.0
France	273	257	13.4	31.8	43.8	11.0	4.0	0.0	2.1	502.3	489.4	486.5	472.4	471.5	.	490.6
Georgia	188	185	17.5	70.3	12.0	0.3	0.7	0.0	1.2	455.0	451.9	446.2	438.5	438.4	.	422.1
Germany	226	194	5.7	54.2	36.9	3.2	10.8	0.0	3.2	532.3	529.2	526.0	530.6	534.0	.	515.8
Hong Kong SAR	148	142	45.5	37.3	14.7	2.5	1.1	0.0	2.4	555.3	561.3	548.1	523.4	549.3	.	594.2
Hungary	244	237	8.1	54.2	37.4	0.3	1.1	0.0	1.6	542.2	546.8	535.0	500.3	588.9	.	516.4
Indonesia	293	293	7.2	63.6	27.0	2.3	0.0	0.0	0.0	400.7	402.7	384.9	355.1	.	.	.
Iran, Islamic Rep. of	291	285	29.5	48.4	21.2	0.9	0.0	0.0	2.3	428.3	423.9	407.4	332.3	.	.	426.1
Ireland	214	214	1.4	61.9	33.4	3.3	0.0	0.0	0.0	525.3	532.1	523.9	521.2	.	.	.
Italy	257	239	1.0	47.4	50.5	1.1	4.6	0.0	1.5	519.7	519.4	514.0	541.7	520.4	.	478.6
Japan	157	154	68.8	6.9	20.9	3.4	0.3	0.0	1.1	569.0	582.9	566.2	564.6	545.1	.	554.6
Kazakhstan	239	214	8.1	78.0	10.7	3.2	0.5	0.0	8.8	537.1	557.6	535.5	500.1	529.8	.	528.1
Korea, Rep. of	182	181	53.7	31.7	9.9	4.7	0.6	0.0	0.0	592.6	587.7	583.1	575.5	594.1	.	.
Kuwait	294	272	7.8	84.8	6.2	1.2	7.6	0.0	2.5	330.3	341.0	313.4	383.1	323.0	.	317.8
Lithuania	291	283	0.4	85.4	14.2	0.0	1.1	0.0	0.6	460.6	528.3	530.6	.	492.7	.	472.4
Morocco	367	316	11.6	74.4	13.3	0.8	5.9	0.0	7.6	337.5	355.4	347.6	313.8	336.8	.	367.1
Netherlands	223	166	15.3	55.2	26.3	3.3	21.8	0.0	1.2	512.2	516.8	525.1	481.2	515.4	.	549.0
New Zealand	461	437	2.5	54.5	40.1	2.9	2.2	0.0	1.8	519.1	514.9	494.7	486.8	483.8	.	501.7
Northern Ireland	154	130	14.4	43.1	37.7	4.7	17.4	0.0	0.2	524.6	524.0	514.8	527.9	514.8	.	531.5
Norway	227	189	2.4	77.4	18.5	1.7	11.9	0.0	4.8	534.0	538.5	541.9	554.8	527.0	.	534.1
Oman	357	337	8.4	90.2	0.8	0.5	0.6	0.0	4.7	412.4	432.4	396.4	447.0	399.2	.	445.4
Poland	254	249	2.6	96.1	1.0	0.3	0.0	0.0	1.6	551.3	547.7	536.9	587.9	.	.	512.2
Portugal	322	305	5.9	82.2	10.9	1.0	5.1	0.0	0.7	519.0	508.0	505.5	520.5	502.5	.	493.5
Qatar	227	218	39.1	55.4	4.8	0.6	0.0	0.0	3.6	417.2	453.1	385.8	431.5	.	.	452.6
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	6.2	80.4	11.5	1.9	1.5	0.0	1.2	379.3	395.5	378.6	308.8	336.0	.	416.9
Serbia	192	188	2.4	89.7	7.9	0.0	0.7	0.0	1.2	409.3	527.2	530.9	.	506.9	.	516.1
Singapore	358	350	56.0	28.0	14.2	1.9	1.5	0.0	1.0	585.7	595.0	599.3	621.3	598.2	.	535.7
Slovak Republic	328	326	3.8	83.7	12.2	0.4	0.7	0.0	0.3	526.3	521.6	507.8	528.7	567.2	.	519.9
Slovenia	256	240	20.1	52.3	24.9	2.7	5.4	0.0	0.7	541.3	543.7	542.7	552.0	533.3	.	528.6
Spain	393	371	1.7	79.3	19.0	0.0	4.1	0.0	0.5	529.7	516.2	525.4	.	519.3	.	518.7
Sweden	212	202	6.3	73.9	15.8	4.0	3.2	0.0	2.0	543.4	542.7	529.5	542.0	530.8	.	533.2
Turkey	251	249	25.9	55.3	16.9	1.8	0.0	0.0	0.5	474.6	489.3	484.0	426.3	.	.	477.9
United Arab Emirates	840	755	21.8	70.7	6.1	1.3	6.0	0.0	3.3	461.8	457.3	409.7	411.1	417.3	.	416.8
United States	492	416	7.3	71.5	19.8	1.4	12.7	0.0	3.2	560.0	547.1	534.0	530.6	547.0	.	559.6
International Avg (n=46)	13512	12409	15.0	64.8	18.5	1.7	4.1	0.0	1.8	500.5	507.5	497.8	487.4	500.7	.	495.2
Buenos Aires, Argentina	291	119	18.3	69.9	11.8	0.0	53.6	0.0	5.6	412.8	427.1	388.1	.	416.5	.	415.6
Ontario, Canada	275	240	2.1	79.2	18.3	0.4	6.6	0.0	6.3	532.4	531.5	527.9	511.8	516.8	.	539.0
Quebec, Canada	151	139	6.3	59.7	32.9	1.2	5.4	0.0	3.6	503.2	521.5	531.4	511.0	534.3	.	537.0
Norway (4)	223	190	3.7	67.2	28.8	0.4	9.9	0.0	3.9	502.4	493.2	490.2	527.2	491.1	.	501.9
Abu Dhabi, UAE	212	179	17.3	71.0	9.3	2.4	9.4	0.0	2.8	459.2	413.6	378.6	420.9	400.6	.	347.6
Dubai, UAE	290	274	20.1	73.5	5.8	0.6	2.5	0.0	1.1	514.8	522.5	479.9	518.7	498.1	.	517.7
Florida, US	120	90	6.7	66.7	26.6	0.0	20.6	0.0	2.9	559.8	550.5	550.0	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Life Science: Human health  
 Location: TQS-10Ag (ATBS10Ag)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	18.8	46.8	29.4	5.0	5.7	0.0	3.0	528.7	526.5	523.6	506.5	510.2	.	505.5
Bahrain	345	338	35.0	52.6	11.9	0.4	1.9	0.0	0.8	459.0	457.7	464.2	480.3	420.5	.	523.8
Belgium (Flemish)	295	288	17.8	64.8	16.4	1.0	1.2	0.0	0.6	509.3	514.1	503.8	521.2	500.5	.	513.2
Bulgaria	233	229	0.5	97.0	2.5	0.0	0.0	0.0	0.8	515.7	536.1	534.5	.	.	.	498.1
Canada	699	631	25.7	48.4	20.6	5.3	5.8	0.0	4.4	522.9	523.1	528.4	523.5	523.4	.	539.2
Chile	180	158	4.6	76.8	18.6	0.0	6.9	0.0	3.8	515.5	478.4	479.3	.	473.8	.	425.5
Chinese Taipei	178	178	54.6	29.4	13.6	2.5	0.0	0.0	0.0	558.2	552.4	548.8	561.7	.	.	.
Croatia	223	220	1.7	92.4	6.0	0.0	1.5	0.0	0.0	528.5	533.9	528.2	.	531.0	.	.
Cyprus	242	232	36.8	43.5	18.2	1.5	1.1	0.0	3.1	481.4	482.0	477.5	469.6	494.5	.	493.0
Czech Republic	265	263	7.3	80.3	12.4	0.0	0.8	0.0	0.0	538.5	533.8	535.1	.	542.1	.	.
Denmark	196	166	12.6	64.8	21.7	1.0	12.3	0.0	0.8	538.0	526.4	523.3	522.0	528.3	.	492.6
England	214	175	17.8	48.5	32.3	1.4	15.0	0.0	0.7	544.9	540.6	532.1	505.5	522.3	.	543.2
Finland	341	325	4.3	84.2	11.5	0.0	4.3	0.0	0.7	540.9	555.1	546.0	.	557.2	.	585.6
France	273	256	10.0	33.4	43.7	12.9	4.0	0.0	2.3	486.7	489.0	489.9	480.4	471.5	.	488.5
Georgia	188	184	3.2	90.8	6.0	0.0	0.7	0.0	1.7	465.7	449.9	468.4	.	438.4	.	439.9
Germany	226	194	2.9	77.7	18.9	0.5	10.8	0.0	2.9	515.7	530.5	517.9	541.3	534.0	.	529.7
Hong Kong SAR	148	142	8.9	57.6	31.4	2.0	1.1	0.0	2.4	573.3	549.3	563.8	534.2	549.3	.	594.2
Hungary	244	237	0.9	75.3	23.8	0.0	1.1	0.0	1.6	564.7	545.4	529.9	.	588.9	.	516.4
Indonesia	293	290	7.7	64.3	26.5	1.6	0.0	0.0	0.9	401.0	400.4	393.8	321.1	.	.	314.3
Iran, Islamic Rep. of	291	282	17.1	67.0	15.1	0.9	0.0	0.0	3.5	422.5	422.4	413.5	321.3	.	.	443.7
Ireland	214	214	2.7	75.4	18.5	3.4	0.0	0.0	0.0	514.5	530.1	529.1	512.1	.	.	.
Italy	257	238	19.6	32.4	45.0	3.0	4.6	0.0	2.2	517.0	517.7	516.3	518.0	520.4	.	488.0
Japan	157	154	63.6	10.0	20.5	5.9	0.3	0.0	1.1	568.1	578.4	567.2	573.2	545.1	.	554.6
Kazakhstan	239	214	6.8	88.2	3.8	1.3	0.5	0.0	9.1	524.8	555.6	536.5	522.6	529.8	.	522.6
Korea, Rep. of	182	181	43.2	42.4	11.8	2.7	0.6	0.0	0.0	592.2	588.9	583.7	571.9	594.1	.	.
Kuwait	294	272	10.4	81.1	7.3	1.1	7.6	0.0	2.5	325.3	342.3	312.9	390.9	323.0	.	317.8
Lithuania	291	284	0.7	91.1	8.3	0.0	1.1	0.0	0.5	545.0	527.5	536.5	.	492.7	.	468.2
Morocco	367	312	32.9	49.3	15.6	2.2	5.9	0.0	8.7	330.8	359.4	378.7	308.1	336.8	.	366.2
Netherlands	223	167	8.9	67.2	19.1	4.8	21.8	0.0	0.8	512.5	518.5	522.6	488.3	515.4	.	547.1
New Zealand	461	436	5.0	47.8	42.5	4.7	2.2	0.0	1.9	523.9	512.5	499.0	487.6	483.8	.	497.4
Northern Ireland	154	130	11.4	54.8	30.5	3.2	17.4	0.0	0.2	514.5	525.2	514.7	525.2	514.8	.	531.5
Norway	227	187	3.6	78.2	15.8	2.3	11.9	0.0	6.1	526.9	539.8	539.8	550.2	527.0	.	531.4
Oman	357	338	37.1	54.4	6.4	2.1	0.6	0.0	3.2	428.0	432.4	438.7	425.6	399.2	.	434.8
Poland	254	252	16.6	81.0	2.3	0.0	0.0	0.0	0.8	541.2	548.9	537.4	.	.	.	530.8
Portugal	322	305	2.5	85.4	11.7	0.3	5.1	0.0	0.7	542.8	508.9	498.3	503.1	502.5	.	493.5
Qatar	227	219	19.9	73.6	5.2	1.3	0.0	0.0	3.5	461.6	430.3	424.0	385.0	.	.	453.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	24.9	54.7	16.8	3.7	0.5	0.0	1.5	374.3	392.4	403.7	394.2	351.8	.	433.3
Serbia	192	187	3.2	90.7	6.1	0.0	0.7	0.0	1.5	488.8	525.4	535.5	.	506.9	.	514.4
Singapore	358	350	56.0	22.1	17.7	4.2	1.5	0.0	1.0	587.9	590.5	596.9	607.2	598.2	.	535.7
Slovak Republic	328	326	4.5	85.9	9.6	0.0	0.7	0.0	0.3	522.7	520.0	520.5	.	567.2	.	519.9
Slovenia	256	240	2.7	80.7	16.2	0.4	5.4	0.0	0.7	534.3	542.8	546.5	548.8	533.3	.	528.6
Spain	393	371	2.8	80.3	16.8	0.0	4.1	0.0	0.5	531.2	516.8	522.2	555.2	519.3	.	518.7
Sweden	212	201	16.5	61.0	19.6	2.9	3.2	0.0	2.8	537.0	539.3	543.6	566.7	530.8	.	539.1
Turkey	251	249	13.6	74.6	9.3	2.5	0.0	0.0	0.6	495.2	481.2	488.2	451.1	.	.	550.1
United Arab Emirates	840	756	30.6	58.1	10.4	0.9	5.9	0.0	3.7	444.4	460.4	453.7	447.7	417.4	.	421.9
United States	492	416	23.7	41.5	28.0	6.7	12.7	0.0	3.2	551.9	545.0	541.4	538.9	547.0	.	559.6
International Avg (n=46)	13512	12394	16.3	64.3	17.3	2.1	4.1	0.0	2.0	505.4	506.0	504.1	490.3	501.1	.	495.2
Buenos Aires, Argentina	291	117	21.6	60.2	17.6	0.7	53.6	0.0	6.1	421.9	420.1	416.9	455.4	416.5	.	413.8
Ontario, Canada	275	239	24.8	52.6	20.1	2.6	6.6	0.0	6.9	536.0	528.9	527.7	535.9	516.8	.	540.2
Quebec, Canada	151	139	21.3	40.6	23.7	14.4	5.4	0.0	3.6	522.9	520.8	531.6	518.5	534.3	.	537.0
Norway (4)	223	190	1.3	77.0	21.8	0.0	9.9	0.0	3.9	479.6	493.4	491.7	.	491.1	.	501.9
Abu Dhabi, UAE	212	175	28.5	61.6	8.8	1.1	9.4	0.0	4.6	430.6	416.1	396.6	506.1	400.6	.	353.6
Dubai, UAE	290	273	30.2	59.3	9.6	0.9	2.4	0.0	3.0	494.6	534.3	489.0	511.1	502.5	.	535.7
Florida, US	120	90	20.5	41.6	30.2	7.6	20.6	0.0	2.9	529.4	558.3	560.7	530.0	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: States of matter and properties of the states of matter; how the state of matter changes by heating or cooling  
 Location: TQS-10Ba (ATBS10BA)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	422	20.1	43.3	32.4	4.3	5.7	0.0	3.8	519.2	522.7	530.5	533.9	510.3	.	510.9
Bahrain	345	337	5.0	85.7	3.6	5.7	1.9	0.0	1.2	477.2	461.5	454.4	413.2	420.5	.	480.6
Belgium (Flemish)	295	288	35.4	37.6	23.0	4.0	1.2	0.0	0.7	509.0	514.1	510.1	519.3	500.5	.	522.8
Bulgaria	233	230	2.1	94.0	3.9	0.0	0.0	0.0	0.6	500.9	539.3	472.1	.	.	.	505.6
Canada	699	630	40.0	34.9	21.1	3.9	5.8	0.0	4.2	522.6	522.7	530.9	519.7	523.4	.	537.6
Chile	180	158	0.8	89.3	9.9	0.0	6.9	0.0	3.9	482.6	482.7	456.8	.	473.8	.	429.8
Chinese Taipei	178	178	35.0	52.7	11.0	1.3	0.0	0.0	0.0	556.9	555.2	552.8	534.3	.	.	.
Croatia	223	220	12.4	68.1	17.9	1.6	1.5	0.0	0.0	537.6	531.1	540.5	523.6	531.0	.	.
Cyprus	242	233	16.7	67.8	13.2	2.4	1.1	0.0	2.6	483.4	480.3	484.7	452.5	494.5	.	497.1
Czech Republic	265	263	6.9	76.0	17.1	0.0	0.8	0.0	0.0	534.7	533.4	538.2	.	542.1	.	.
Denmark	196	167	13.1	47.3	26.8	12.9	12.3	0.0	0.5	531.8	526.9	523.7	529.0	528.3	.	507.3
England	214	175	6.1	68.4	24.4	1.1	15.0	0.0	0.7	538.4	540.4	533.7	500.9	522.3	.	543.2
Finland	341	326	12.4	61.7	24.3	1.7	4.3	0.0	0.5	544.0	555.8	552.5	556.9	557.2	.	574.9
France	273	260	16.0	34.9	35.7	13.4	4.0	0.0	1.1	490.4	488.3	488.9	481.2	471.5	.	503.4
Georgia	188	183	28.1	61.2	10.7	0.1	0.7	0.0	3.0	457.3	446.2	463.8	462.4	438.4	.	455.5
Germany	226	194	6.0	62.8	27.0	4.2	10.8	0.0	3.0	521.7	528.5	523.6	553.4	534.0	.	527.9
Hong Kong SAR	148	142	10.7	53.9	32.1	3.2	1.1	0.0	2.4	551.5	555.4	557.1	560.7	549.3	.	594.2
Hungary	244	237	8.1	62.0	28.7	1.2	1.1	0.0	1.6	543.4	543.8	540.7	459.6	588.9	.	516.4
Indonesia	293	292	5.7	69.6	23.6	1.1	0.0	0.0	0.2	384.4	402.3	384.8	347.4	.	.	431.9
Iran, Islamic Rep. of	291	283	17.8	68.2	13.4	0.6	0.0	0.0	3.3	426.0	421.1	415.3	494.9	.	.	401.8
Ireland	214	214	3.1	59.5	34.3	3.1	0.0	0.0	0.0	520.6	529.5	528.8	527.3	.	.	.
Italy	257	238	0.7	48.9	48.5	1.9	4.6	0.0	1.8	537.9	519.9	512.9	535.0	520.4	.	486.2
Japan	157	154	3.0	55.6	41.5	0.0	0.3	0.0	1.1	569.0	571.1	566.9	.	545.1	.	554.6
Kazakhstan	239	212	6.8	84.3	8.0	0.9	0.5	0.0	10.7	530.5	555.8	547.8	537.9	529.8	.	519.9
Korea, Rep. of	182	181	2.1	84.6	13.0	0.3	0.6	0.0	0.0	611.9	589.8	583.2	560.9	594.1	.	.
Kuwait	294	269	11.1	82.7	5.5	0.7	7.6	0.0	3.9	363.6	338.1	302.7	391.6	323.0	.	317.6
Lithuania	291	283	14.6	48.0	36.1	1.3	1.1	0.0	0.6	525.4	526.9	530.9	549.0	492.7	.	465.7
Morocco	367	315	3.1	84.8	11.3	0.8	5.9	0.0	7.8	374.4	352.5	344.4	314.9	336.8	.	366.8
Netherlands	223	167	18.6	37.5	34.7	9.2	21.8	0.0	0.8	517.5	519.0	519.9	500.3	515.4	.	547.1
New Zealand	461	435	4.8	45.5	41.3	8.5	2.2	0.0	2.2	526.4	512.7	500.9	487.9	483.8	.	488.9
Northern Ireland	154	130	18.6	43.6	32.0	5.8	17.4	0.0	0.2	527.5	522.6	513.1	528.3	514.8	.	531.5
Norway	227	189	4.3	51.3	39.2	5.2	11.9	0.0	4.9	538.2	541.1	537.3	537.5	527.0	.	534.8
Oman	357	340	27.5	66.6	4.6	1.4	0.6	0.0	2.9	427.9	431.8	453.5	377.6	399.2	.	436.9
Poland	254	250	27.3	71.2	1.5	0.0	0.0	0.0	1.6	546.2	547.8	574.0	.	.	.	511.6
Portugal	322	304	0.0	83.1	16.8	0.1	5.1	0.0	0.9	.	507.0	516.6	490.4	502.5	.	483.1
Qatar	227	220	7.9	88.1	3.0	1.1	0.0	0.0	3.1	482.5	433.2	407.0	351.9	.	.	461.3
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	185	4.9	83.0	9.9	2.2	0.5	0.0	1.2	359.0	394.1	383.5	341.8	351.8	.	416.9
Serbia	192	188	1.9	92.5	4.8	0.7	0.7	0.0	1.2	507.0	525.2	516.9	561.8	506.9	.	516.1
Singapore	358	351	2.6	87.0	10.4	0.0	1.5	0.0	0.7	574.3	592.6	579.1	.	598.2	.	534.6
Slovak Republic	328	325	6.2	83.4	10.1	0.3	0.7	0.0	0.6	521.6	520.5	516.3	492.5	567.2	.	527.0
Slovenia	256	239	1.2	76.8	21.7	0.3	5.4	0.0	1.0	549.9	542.6	544.7	541.9	533.3	.	535.5
Spain	393	371	7.3	72.1	20.2	0.3	4.1	0.0	0.5	512.0	518.2	521.1	468.6	519.3	.	518.7
Sweden	212	203	7.4	70.1	16.7	5.8	3.2	0.0	1.2	555.3	541.3	540.0	520.0	530.8	.	510.6
Turkey	251	251	2.0	89.3	6.0	2.6	0.0	0.0	0.0	481.8	483.3	498.2	453.0	.	.	.
United Arab Emirates	840	762	5.9	90.1	2.7	1.3	6.0	0.0	2.9	494.3	452.8	421.1	439.2	417.4	.	427.7
United States	492	418	16.3	57.6	22.8	3.2	12.7	0.0	2.9	558.4	542.8	544.3	518.4	547.0	.	569.3
International Avg (n=46)	13512	12412	11.0	66.9	19.5	2.6	4.1	0.0	1.9	507.2	505.7	501.3	486.8	501.1	.	495.1
Buenos Aires, Argentina	291	119	9.6	74.1	16.3	0.0	53.6	0.0	5.8	420.4	418.6	425.8	.	416.5	.	415.4
Ontario, Canada	275	240	48.9	31.0	16.7	3.3	6.6	0.0	6.3	532.0	526.3	538.8	513.9	516.8	.	539.0
Quebec, Canada	151	138	8.1	50.4	33.3	8.2	5.4	0.0	3.8	505.7	524.8	525.6	523.7	534.3	.	536.3
Norway (4)	223	188	8.4	47.3	41.4	2.9	9.9	0.0	5.2	492.0	491.4	494.6	499.8	491.1	.	496.3
Abu Dhabi, UAE	212	179	7.3	88.8	3.1	0.7	9.4	0.0	3.1	482.2	414.8	354.7	427.7	400.6	.	367.7
Dubai, UAE	290	275	6.6	88.3	3.7	1.4	2.5	0.0	0.9	527.2	518.7	498.0	527.3	498.1	.	495.3
Florida, US	120	90	4.1	71.0	24.9	0.0	20.6	0.0	2.9	534.2	554.3	544.1	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Classifying materials based on physical properties  
 Location: TQS-10Bb (ATBS10BB)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	422	23.5	35.3	35.4	5.8	5.7	0.0	3.6	526.0	524.2	521.8	539.5	510.3	.	518.8
Bahrain	345	338	9.0	78.6	6.2	6.2	1.9	0.0	0.8	440.5	465.4	452.7	411.4	420.5	.	523.8
Belgium (Flemish)	295	285	50.8	12.5	27.7	9.1	1.2	0.0	2.2	510.9	516.0	511.3	506.2	500.5	.	531.0
Bulgaria	233	230	4.9	81.3	13.3	0.5	0.0	0.0	0.6	517.0	540.8	510.9	587.9	.	.	505.6
Canada	699	628	42.2	23.1	28.0	6.7	5.8	0.0	4.6	521.9	519.8	530.6	528.9	523.4	.	535.7
Chile	180	159	3.6	60.7	33.8	1.8	6.9	0.0	3.6	485.6	476.8	486.2	476.5	473.8	.	420.1
Chinese Taipei	178	178	40.1	43.3	15.9	0.7	0.0	0.0	0.0	556.4	555.6	551.7	551.8	.	.	.
Croatia	223	220	60.8	16.6	17.7	4.9	1.5	0.0	0.0	533.6	528.5	537.9	533.0	531.0	.	.
Cyprus	242	233	29.0	49.8	18.3	2.8	1.1	0.0	2.6	475.3	483.5	481.5	482.2	494.5	.	497.1
Czech Republic	265	262	26.0	49.3	22.1	2.6	0.8	0.0	0.6	533.1	534.8	534.1	539.1	542.1	.	537.1
Denmark	196	167	13.9	38.1	34.0	14.0	12.3	0.0	0.5	525.4	526.6	526.7	529.9	528.3	.	507.3
England	214	175	12.2	61.3	25.1	1.4	15.0	0.0	0.7	534.9	540.9	534.7	508.5	522.3	.	543.2
Finland	341	327	20.7	37.5	39.1	2.7	4.3	0.0	0.2	548.5	554.4	554.8	563.7	557.2	.	589.0
France	273	258	27.8	7.4	31.6	33.3	4.0	0.0	1.7	488.1	479.3	491.6	486.3	471.5	.	495.1
Georgia	188	182	13.7	72.5	13.4	0.4	0.7	0.0	3.4	447.4	447.9	466.1	462.5	438.4	.	479.2
Germany	226	195	10.9	25.9	53.9	9.3	10.8	0.0	2.5	536.6	525.5	527.6	524.6	534.0	.	529.5
Hong Kong SAR	148	142	45.4	28.4	20.6	5.6	1.1	0.0	2.4	555.3	554.6	555.6	564.7	549.3	.	594.2
Hungary	244	235	41.0	24.3	30.4	4.2	1.1	0.0	2.4	541.2	551.2	540.4	509.0	588.9	.	520.5
Indonesia	293	293	12.9	42.9	38.3	6.0	0.0	0.0	0.0	388.0	401.0	396.4	385.8	.	.	.
Iran, Islamic Rep. of	291	284	25.0	51.7	21.1	2.2	0.0	0.0	2.5	429.6	417.2	412.7	477.3	.	.	434.1
Ireland	214	214	1.7	49.3	45.4	3.6	0.0	0.0	0.0	509.8	527.0	532.2	522.4	.	.	.
Italy	257	237	16.7	30.1	46.7	6.5	4.6	0.0	3.0	528.1	519.5	511.6	519.7	520.4	.	487.5
Japan	157	154	34.6	26.1	37.6	1.7	0.3	0.0	1.1	568.8	570.2	569.7	553.1	545.1	.	554.6
Kazakhstan	239	213	12.8	68.4	13.4	5.4	0.5	0.0	9.4	563.4	552.2	553.5	528.9	529.8	.	521.9
Korea, Rep. of	182	181	58.4	26.1	12.0	3.5	0.6	0.0	0.0	591.7	587.3	589.1	564.9	594.1	.	.
Kuwait	294	272	20.6	70.4	8.0	1.0	7.6	0.0	2.5	365.2	331.3	336.9	351.4	323.0	.	317.8
Lithuania	291	283	16.1	48.3	33.5	2.1	1.1	0.0	0.6	520.1	529.2	529.4	558.6	492.7	.	465.7
Morocco	367	315	24.7	55.0	16.2	4.1	5.9	0.0	7.8	344.9	354.3	358.3	337.9	336.8	.	366.8
Netherlands	223	167	25.4	21.2	39.9	13.5	21.8	0.0	0.8	514.7	518.1	522.2	506.4	515.4	.	547.1
New Zealand	461	435	5.1	33.1	51.2	10.7	2.2	0.0	2.1	523.8	515.1	504.8	478.7	483.8	.	488.1
Northern Ireland	154	130	16.5	41.1	36.6	5.8	17.4	0.0	0.2	525.7	520.2	519.4	520.2	514.8	.	531.5
Norway	227	190	8.6	40.2	42.0	9.3	11.9	0.0	4.6	536.4	542.2	538.7	532.0	527.0	.	533.8
Oman	357	340	19.4	72.1	5.2	3.3	0.6	0.0	2.9	415.4	436.5	417.3	424.4	399.2	.	436.9
Poland	254	251	80.7	16.6	2.7	0.0	0.0	0.0	1.2	547.5	548.2	543.4	.	.	.	523.4
Portugal	322	304	4.2	45.3	46.5	4.0	5.1	0.0	1.1	518.2	505.7	511.3	494.3	502.5	.	506.6
Qatar	227	218	28.7	65.0	5.7	0.6	0.0	0.0	3.9	438.8	434.9	434.8	371.7	.	.	452.2
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	185	4.2	75.3	17.9	2.7	0.5	0.0	1.2	380.5	393.9	376.4	393.2	351.8	.	416.9
Serbia	192	188	1.9	82.9	13.6	1.6	0.7	0.0	1.2	507.0	525.8	522.4	513.8	506.9	.	516.1
Singapore	358	351	8.3	81.9	9.8	0.0	1.5	0.0	0.7	585.0	592.3	582.6	.	598.2	.	534.6
Slovak Republic	328	325	5.6	75.5	19.0	0.0	0.7	0.0	0.6	519.1	521.5	515.0	.	567.2	.	527.0
Slovenia	256	240	6.0	52.1	40.6	1.4	5.4	0.0	0.7	532.2	541.3	546.8	556.2	533.3	.	528.6
Spain	393	369	14.2	50.7	34.0	1.2	4.1	0.0	1.6	508.5	520.1	518.9	530.9	519.3	.	518.5
Sweden	212	203	17.7	49.4	25.4	7.4	3.2	0.0	1.2	540.1	540.9	547.1	521.3	530.8	.	510.6
Turkey	251	251	8.1	70.3	18.7	2.8	0.0	0.0	0.0	493.6	483.4	484.1	450.1	.	.	.
United Arab Emirates	840	763	22.4	67.6	9.1	0.9	6.0	0.0	2.4	481.8	449.2	425.1	470.5	417.4	.	410.3
United States	492	417	13.4	52.7	29.9	4.0	12.7	0.0	3.1	560.8	544.4	544.8	503.3	547.0	.	563.7
International Avg (n=46)	13512	12409	21.5	48.0	25.8	4.7	4.1	0.0	1.9	504.7	505.4	503.5	497.0	501.1	.	500.5
Buenos Aires, Argentina	291	118	17.0	58.7	22.8	1.5	53.6	0.0	6.3	426.9	418.6	422.0	436.2	416.5	.	408.6
Ontario, Canada	275	240	51.1	20.9	22.7	5.3	6.6	0.0	6.3	532.6	527.3	530.9	526.2	516.8	.	539.0
Quebec, Canada	151	137	11.6	28.2	45.8	14.5	5.4	0.0	5.0	499.5	519.9	530.0	529.9	534.3	.	530.3
Norway (4)	223	189	20.2	28.3	42.6	8.9	9.9	0.0	4.7	489.7	490.2	493.8	506.3	491.1	.	495.9
Abu Dhabi, UAE	212	180	20.3	64.1	14.7	0.8	9.4	0.0	2.5	453.7	411.6	400.2	424.2	400.6	.	333.6
Dubai, UAE	290	274	23.6	69.2	5.6	1.6	2.5	0.0	1.1	526.2	516.0	514.1	524.9	498.1	.	517.7
Florida, US	120	90	5.3	55.8	36.0	2.8	20.6	0.0	2.9	531.9	554.0	548.5	558.1	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Mixtures and how to separate a mixture into its components  
 Location: TQS-10Bc (ATBS10BC)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	29.0	30.2	32.4	8.4	5.7	0.0	3.0	524.9	525.8	522.1	534.1	510.3	.	506.0
Bahrain	345	338	10.3	77.2	6.5	6.1	1.9	0.0	0.8	457.9	462.4	465.2	411.1	420.5	.	523.8
Belgium (Flemish)	295	287	52.0	14.4	24.6	9.1	1.2	0.0	0.8	510.9	517.1	513.0	501.8	500.5	.	533.6
Bulgaria	233	230	34.5	37.7	25.0	2.9	0.0	0.0	0.6	538.6	536.0	532.5	530.4	.	.	505.6
Canada	699	631	46.3	21.7	24.6	7.4	5.8	0.0	4.2	523.6	522.9	527.3	522.4	523.4	.	537.8
Chile	180	158	15.4	39.2	40.2	5.1	6.9	0.0	3.8	498.2	471.1	479.2	504.4	473.8	.	425.5
Chinese Taipei	178	178	66.3	17.4	11.9	4.3	0.0	0.0	0.0	556.9	554.2	550.5	548.6	.	.	.
Croatia	223	219	62.1	16.0	17.3	4.7	1.5	0.0	0.2	533.9	526.0	540.2	528.5	531.0	.	537.3
Cyprus	242	233	40.6	37.6	16.8	5.1	1.1	0.0	2.6	480.9	481.5	482.3	468.5	494.5	.	497.1
Czech Republic	265	263	36.7	32.2	28.0	3.1	0.8	0.0	0.0	533.4	535.3	534.4	534.9	542.1	.	.
Denmark	196	166	11.9	35.9	32.6	19.6	12.3	0.0	1.0	526.7	530.3	522.2	529.4	528.3	.	509.8
England	214	175	8.4	66.0	23.9	1.6	15.0	0.0	0.7	526.6	544.4	527.0	508.0	522.3	.	543.2
Finland	341	327	24.1	31.9	38.3	5.7	4.3	0.0	0.2	546.8	557.4	554.1	557.1	557.2	.	589.0
France	273	258	21.4	16.1	33.9	28.6	4.0	0.0	1.8	487.9	483.6	489.1	489.3	471.5	.	491.0
Georgia	188	183	35.8	46.2	17.0	1.0	0.7	0.0	2.8	449.2	448.1	457.2	498.8	438.4	.	477.1
Germany	226	195	17.6	28.5	42.0	11.9	10.8	0.0	2.5	528.5	527.8	530.0	518.6	534.0	.	529.5
Hong Kong SAR	148	142	43.9	28.4	18.4	9.3	1.1	0.0	2.4	553.5	554.8	553.1	573.8	549.3	.	594.2
Hungary	244	237	37.6	29.2	30.3	2.9	1.1	0.0	1.6	542.3	551.8	537.1	485.5	588.9	.	516.4
Indonesia	293	291	22.2	32.1	36.8	8.8	0.0	0.0	0.5	401.5	401.0	395.7	374.8	.	.	365.3
Iran, Islamic Rep. of	291	285	5.2	86.4	8.1	0.2	0.0	0.0	2.3	409.4	423.9	390.3	411.5	.	.	445.8
Ireland	214	214	2.7	50.8	39.2	7.3	0.0	0.0	0.0	525.5	534.8	522.1	525.0	.	.	.
Italy	257	238	14.1	28.6	51.6	5.6	4.6	0.0	2.0	521.3	519.5	512.4	529.3	520.4	.	499.3
Japan	157	154	59.5	14.4	20.9	5.2	0.3	0.0	1.1	567.2	571.0	573.1	572.2	545.1	.	554.6
Kazakhstan	239	212	19.4	58.7	16.9	5.0	0.5	0.0	9.5	557.1	555.9	545.8	521.6	529.8	.	520.9
Korea, Rep. of	182	181	39.6	48.7	9.7	2.0	0.6	0.0	0.0	593.6	588.0	580.1	579.1	594.1	.	.
Kuwait	294	272	25.3	64.5	9.1	1.0	7.6	0.0	2.5	345.5	336.9	334.0	326.4	323.0	.	325.8
Lithuania	291	283	18.1	45.0	32.5	4.3	1.1	0.0	0.6	522.7	529.8	526.5	552.7	492.7	.	465.7
Morocco	367	314	50.0	31.0	13.0	6.1	5.9	0.0	8.3	360.1	348.2	331.2	342.3	336.8	.	369.6
Netherlands	223	166	25.7	27.4	34.2	12.7	21.8	0.0	1.2	517.8	519.1	522.0	500.6	515.4	.	527.9
New Zealand	461	436	4.8	33.3	48.7	13.2	2.2	0.0	2.1	524.4	511.7	506.5	485.6	483.8	.	490.1
Northern Ireland	154	130	23.3	27.7	34.6	14.5	17.4	0.0	0.2	527.7	521.9	514.8	522.0	514.8	.	531.5
Norway	227	189	4.0	46.0	40.6	9.4	11.9	0.0	4.9	540.3	538.7	542.9	526.0	527.0	.	534.8
Oman	357	339	35.5	58.2	4.9	1.4	0.6	0.0	2.9	421.3	437.1	439.2	393.5	399.2	.	436.0
Poland	254	251	63.6	35.2	1.2	0.0	0.0	0.0	1.2	548.2	545.6	568.1	.	.	.	523.4
Portugal	322	304	5.6	50.6	41.2	2.5	5.1	0.0	1.3	507.3	507.0	511.0	510.6	502.5	.	479.1
Qatar	227	218	44.9	45.5	7.3	2.3	0.0	0.0	3.4	430.8	442.2	436.4	389.0	.	.	459.6
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	5.2	78.8	14.6	1.4	0.5	0.0	1.8	418.5	390.2	380.5	355.9	351.8	.	431.6
Serbia	192	187	4.5	74.1	19.2	2.2	0.7	0.0	2.0	520.0	525.3	522.2	547.0	506.9	.	508.1
Singapore	358	351	47.0	39.4	12.2	1.4	1.5	0.0	0.7	586.5	596.7	582.6	637.8	598.2	.	534.6
Slovak Republic	328	325	14.6	57.5	25.8	2.1	0.7	0.0	0.6	508.2	522.9	519.0	539.0	567.2	.	527.0
Slovenia	256	240	3.0	69.2	27.4	0.3	5.4	0.0	0.7	524.5	543.0	545.9	541.9	533.3	.	528.6
Spain	393	370	18.2	42.6	36.4	2.7	4.1	0.0	0.6	518.5	519.0	517.2	515.5	519.3	.	516.1
Sweden	212	203	12.6	55.8	28.4	3.2	3.2	0.0	1.2	545.9	542.2	539.0	514.2	530.8	.	510.6
Turkey	251	251	3.2	81.9	12.2	2.6	0.0	0.0	0.0	498.3	485.7	470.3	453.0	.	.	.
United Arab Emirates	840	763	24.9	64.5	7.8	2.7	5.9	0.0	2.4	458.3	458.0	419.1	449.7	417.9	.	395.0
United States	492	417	22.6	43.3	27.2	6.9	12.7	0.0	3.1	555.6	542.7	544.2	529.1	547.0	.	563.7
International Avg (n=46)	13512	12411	26.4	43.4	24.5	5.7	4.1	0.0	1.9	506.0	506.3	502.4	497.6	501.1	.	496.6
Buenos Aires, Argentina	291	118	23.7	53.8	19.6	3.0	53.6	0.0	6.1	426.1	418.1	413.6	436.9	416.5	.	417.2
Ontario, Canada	275	240	54.8	17.7	18.3	9.2	6.6	0.0	6.3	533.4	531.8	525.4	523.7	516.8	.	539.0
Quebec, Canada	151	139	15.7	31.8	42.9	9.6	5.4	0.0	3.6	516.8	524.1	526.4	518.8	534.3	.	537.0
Norway (4)	223	189	19.4	29.4	43.4	7.7	9.9	0.0	4.4	487.8	490.2	494.4	506.0	491.1	.	501.6
Abu Dhabi, UAE	212	178	18.5	66.4	11.2	3.9	9.4	0.0	2.7	428.1	422.0	367.7	469.2	400.6	.	328.2
Dubai, UAE	290	277	25.1	66.3	7.2	1.4	2.2	0.0	0.7	510.9	521.9	506.4	519.4	512.5	.	530.0
Florida, US	120	90	11.1	45.5	37.1	6.4	20.6	0.0	2.9	561.3	556.4	543.7	536.7	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Chemical changes in everyday life  
 Location: TQS-10Bd (ATBS10BD)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	422	21.9	36.0	33.8	8.3	5.7	0.0	3.1	522.0	524.2	526.9	529.0	510.3	.	506.6
Bahrain	345	338	10.1	78.1	5.8	6.1	1.9	0.0	0.8	459.3	462.1	466.6	411.1	420.5	.	523.8
Belgium (Flemish)	295	287	49.4	19.2	21.8	9.7	1.2	0.0	1.0	511.0	514.6	509.4	515.4	500.5	.	498.1
Bulgaria	233	230	32.8	40.4	24.1	2.7	0.0	0.0	0.6	543.8	529.7	538.3	510.7	.	.	505.6
Canada	699	627	47.2	17.9	24.9	10.0	5.9	0.0	4.2	523.2	526.9	522.3	528.3	525.5	.	537.5
Chile	180	158	14.6	41.7	37.9	5.7	6.9	0.0	4.1	501.2	470.2	483.9	469.9	473.8	.	436.9
Chinese Taipei	178	176	68.7	13.7	15.2	2.4	0.0	0.0	0.6	555.8	554.5	554.8	546.5	.	.	556.0
Croatia	223	218	52.8	26.9	16.7	3.5	1.5	0.0	0.9	530.4	537.9	537.3	531.1	531.0	.	523.8
Cyprus	242	233	46.9	23.7	20.8	8.6	1.1	0.0	2.6	480.8	478.9	484.7	475.8	494.5	.	497.1
Czech Republic	265	263	34.1	36.9	26.6	2.5	0.8	0.0	0.0	534.0	534.9	533.6	537.7	542.1	.	.
Denmark	196	165	15.3	40.3	33.2	11.1	12.3	0.0	1.2	532.7	526.4	524.2	527.3	528.3	.	535.9
England	214	175	12.1	54.5	31.2	2.2	15.0	0.0	0.7	530.6	547.1	527.8	504.3	522.3	.	543.2
Finland	341	326	22.2	44.0	32.6	1.2	4.3	0.0	0.4	546.8	556.3	554.2	562.3	557.2	.	576.8
France	273	259	33.0	3.6	24.1	39.4	4.0	0.0	1.2	488.8	484.0	483.1	490.3	471.5	.	504.9
Georgia	188	183	41.9	32.9	24.6	0.6	0.7	0.0	2.8	450.5	452.0	453.1	444.0	438.4	.	441.2
Germany	226	193	21.0	28.3	43.9	6.7	10.8	0.0	3.2	526.9	528.2	526.4	534.7	534.0	.	533.6
Hong Kong SAR	148	142	18.6	42.7	30.7	7.9	1.1	0.0	2.4	548.7	557.2	555.5	564.5	549.3	.	594.2
Hungary	244	236	41.3	20.8	33.5	4.4	1.1	0.0	2.0	546.3	550.0	536.0	504.5	588.9	.	525.8
Indonesia	293	293	22.2	33.4	35.3	9.1	0.0	0.0	0.0	406.8	400.5	395.0	364.6	.	.	.
Iran, Islamic Rep. of	291	284	43.9	42.4	10.4	3.3	0.0	0.0	1.9	429.8	415.8	391.2	451.4	.	.	441.8
Ireland	214	214	6.4	40.8	46.6	6.2	0.0	0.0	0.0	513.2	532.5	528.7	523.0	.	.	.
Italy	257	237	17.8	23.2	53.8	5.2	4.6	0.0	2.0	519.2	519.1	513.6	528.2	520.4	.	499.5
Japan	157	154	73.5	5.9	14.6	6.0	0.3	0.0	1.1	569.6	569.3	565.5	574.3	545.1	.	554.6
Kazakhstan	239	210	15.2	67.9	12.7	4.2	0.5	0.0	10.6	553.2	554.3	554.4	523.4	529.8	.	522.7
Korea, Rep. of	182	181	62.9	26.3	7.1	3.8	0.6	0.0	0.0	591.9	588.2	576.6	577.2	594.1	.	.
Kuwait	294	275	31.4	57.9	9.4	1.3	7.6	0.0	1.6	338.3	340.8	320.5	352.6	323.0	.	343.7
Lithuania	291	283	11.1	60.3	27.2	1.4	1.1	0.0	0.6	525.0	527.8	531.7	517.4	492.7	.	465.7
Morocco	367	315	60.6	19.2	14.4	5.8	5.9	0.0	7.8	348.4	368.5	356.7	324.5	336.8	.	365.4
Netherlands	223	166	21.6	35.3	33.5	9.5	21.8	0.0	1.2	515.8	515.5	528.0	491.2	515.4	.	527.9
New Zealand	461	436	4.3	35.3	51.1	9.4	2.2	0.0	2.1	530.5	514.0	504.0	479.5	483.8	.	490.1
Northern Ireland	154	129	22.0	35.8	31.7	10.5	17.4	0.0	0.6	529.3	520.5	515.7	518.5	514.8	.	536.1
Norway	227	188	4.6	55.3	32.0	8.1	11.9	0.0	5.4	539.6	539.6	540.8	531.0	527.0	.	534.8
Oman	357	339	46.2	41.2	10.2	2.4	0.6	0.0	3.1	431.6	436.4	404.6	448.0	399.2	.	428.4
Poland	254	251	63.7	33.3	3.0	0.0	0.0	0.0	1.2	546.7	548.0	559.1	.	.	.	523.4
Portugal	322	304	10.8	39.7	46.0	3.5	5.1	0.0	0.8	516.8	503.6	510.3	515.5	502.5	.	491.7
Qatar	227	218	36.2	54.0	8.0	1.8	0.0	0.0	3.7	422.8	442.2	454.1	405.2	.	.	457.3
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	3.1	83.7	11.8	1.4	0.5	0.0	2.2	353.3	395.1	370.3	355.9	351.8	.	399.3
Serbia	192	187	6.4	77.6	14.5	1.4	0.7	0.0	1.9	508.2	526.2	524.5	554.2	506.9	.	495.6
Singapore	358	351	60.0	24.2	12.5	3.3	1.5	0.0	0.7	586.7	597.2	592.7	609.5	598.2	.	534.6
Slovak Republic	328	325	13.8	62.6	20.7	2.9	0.7	0.0	0.6	516.2	518.5	526.4	528.3	567.2	.	527.0
Slovenia	256	240	34.8	32.5	29.6	3.1	5.4	0.0	0.7	541.6	541.1	545.7	560.1	533.3	.	528.6
Spain	393	369	23.7	36.1	36.1	4.1	4.1	0.0	1.7	520.0	516.2	519.3	515.8	519.3	.	514.8
Sweden	212	202	16.2	49.5	30.1	4.2	3.2	0.0	1.5	537.7	541.5	544.7	514.5	530.8	.	526.0
Turkey	251	248	24.2	58.7	15.1	2.0	0.0	0.0	1.3	480.4	485.3	487.5	452.2	.	.	454.0
United Arab Emirates	840	763	27.8	60.7	10.4	1.1	5.9	0.0	2.5	460.8	456.4	425.4	448.8	417.9	.	417.0
United States	492	416	20.8	44.2	29.8	5.2	12.7	0.0	3.3	553.2	546.5	540.1	529.4	547.0	.	562.4
International Avg (n=46)	13512	12392	29.8	40.0	24.8	5.5	4.1	0.0	2.0	504.8	506.4	503.2	497.4	501.2	.	499.6
Buenos Aires, Argentina	291	118	27.3	44.8	23.0	4.9	53.6	0.0	6.0	423.3	417.6	416.9	442.9	416.5	.	413.3
Ontario, Canada	275	239	54.7	17.3	19.6	8.4	6.8	0.0	6.3	532.9	530.2	526.5	524.9	520.7	.	539.0
Quebec, Canada	151	137	24.7	16.2	38.4	20.7	5.5	0.0	3.6	519.9	517.8	525.0	529.4	533.8	.	536.1
Norway (4)	223	190	10.8	47.2	38.4	3.5	9.9	0.0	3.9	487.1	490.5	496.3	503.9	491.1	.	501.9
Abu Dhabi, UAE	212	181	21.2	60.6	17.4	0.8	9.4	0.0	2.0	452.2	415.3	390.0	418.2	400.6	.	304.2
Dubai, UAE	290	276	26.6	63.8	8.4	1.2	2.2	0.0	1.1	506.0	526.1	492.2	521.3	512.5	.	535.2
Florida, US	120	90	7.1	66.1	22.8	4.0	20.6	0.0	2.9	530.1	557.1	536.7	567.9	542.1	.	531.0



Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Common sources of energy  
 Location: TQS-10Be (ATBS10BE)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	22.1	45.5	31.4	0.9	5.7	0.0	3.0	523.6	525.4	527.0	475.4	510.3	.	506.0
Bahrain	345	338	15.6	75.6	2.6	6.2	1.9	0.0	0.8	462.3	462.2	460.3	411.4	420.5	.	523.8
Belgium (Flemish)	295	288	18.6	54.9	22.9	3.7	1.2	0.0	0.5	508.8	511.4	512.8	520.3	500.5	.	522.9
Bulgaria	233	229	2.8	86.9	10.3	0.0	0.0	0.0	0.8	547.8	538.7	510.0	.	.	.	498.1
Canada	699	630	27.2	48.1	20.6	4.1	5.8	0.0	4.3	523.6	524.8	524.9	520.3	523.4	.	535.9
Chile	180	158	13.9	57.7	25.4	3.1	6.9	0.0	3.6	501.4	476.2	477.1	477.5	473.8	.	429.6
Chinese Taipei	178	178	16.8	63.6	16.9	2.7	0.0	0.0	0.0	555.8	556.2	553.7	541.4	.	.	.
Croatia	223	220	15.9	62.6	19.1	2.4	1.5	0.0	0.0	529.7	534.1	534.6	532.3	531.0	.	.
Cyprus	242	233	4.1	78.2	16.5	1.2	1.1	0.0	2.6	472.3	479.7	489.0	463.6	494.5	.	497.1
Czech Republic	265	263	15.6	62.7	20.8	0.9	0.8	0.0	0.0	524.5	535.3	538.6	540.8	542.1	.	.
Denmark	196	167	8.7	67.3	20.6	3.3	12.3	0.0	0.5	543.6	526.6	521.5	523.2	528.3	.	507.3
England	214	175	22.9	49.2	26.3	1.6	15.0	0.0	0.7	539.7	544.1	524.5	557.8	522.3	.	543.2
Finland	341	327	12.0	58.1	28.6	1.3	4.3	0.0	0.2	542.6	554.1	556.7	566.1	557.2	.	589.0
France	273	260	11.7	26.2	45.0	17.1	4.0	0.0	1.1	493.1	487.7	491.1	476.2	471.5	.	503.4
Georgia	188	182	15.6	73.0	11.3	0.1	0.7	0.0	2.7	433.9	454.1	448.7	462.4	486.3	.	486.3
Germany	226	194	6.3	45.6	42.4	5.7	10.8	0.0	3.0	523.4	532.4	522.9	533.0	534.0	.	527.6
Hong Kong SAR	148	142	22.8	55.3	16.5	5.5	1.1	0.0	2.4	559.5	553.6	549.5	579.5	549.3	.	594.2
Hungary	244	237	25.3	36.8	35.8	2.1	1.1	0.0	1.6	549.6	544.6	536.4	493.1	588.9	.	516.4
Indonesia	293	292	2.5	64.7	30.4	2.4	0.0	0.0	0.2	389.8	400.0	394.4	334.2	.	.	495.9
Iran, Islamic Rep. of	291	286	4.3	79.1	16.3	0.3	0.0	0.0	1.6	417.7	420.4	424.7	355.7	.	.	435.7
Ireland	214	214	0.4	74.1	22.9	2.6	0.0	0.0	0.0	519.5	528.7	530.5	520.0	.	.	.
Italy	257	239	15.0	34.3	48.7	2.0	4.6	0.0	1.5	514.3	522.7	513.5	519.1	520.4	.	478.6
Japan	157	154	42.6	20.4	35.0	2.0	0.3	0.0	1.1	569.2	573.9	567.1	560.1	545.1	.	554.6
Kazakhstan	239	212	8.0	78.4	12.0	1.6	0.5	0.0	9.5	548.4	553.3	549.9	566.6	529.8	.	520.9
Korea, Rep. of	182	181	46.4	40.5	9.7	3.4	0.6	0.0	0.0	592.9	588.0	581.1	579.6	594.1	.	.
Kuwait	294	270	9.5	84.8	4.4	1.2	7.6	0.0	3.2	337.9	339.2	326.2	393.8	323.0	.	316.4
Lithuania	291	284	2.5	82.6	14.4	0.5	1.1	0.0	0.5	500.3	528.9	531.0	507.5	492.7	.	468.2
Morocco	367	313	41.8	37.8	16.5	3.8	5.9	0.0	8.4	354.8	358.3	343.5	310.7	336.8	.	359.1
Netherlands	223	167	8.2	54.9	29.9	7.1	21.8	0.0	0.8	498.9	520.6	523.1	488.1	515.4	.	547.1
New Zealand	461	436	3.9	48.4	43.0	4.8	2.2	0.0	2.1	528.0	513.5	501.8	456.7	483.8	.	490.1
Northern Ireland	154	129	9.5	49.5	36.7	4.4	17.4	0.0	0.6	535.9	525.0	510.7	522.8	514.8	.	536.1
Norway	227	189	5.5	59.4	30.4	4.7	11.9	0.0	4.9	531.2	541.5	536.4	538.7	527.0	.	534.8
Oman	357	337	7.4	88.7	2.2	1.7	0.6	0.0	4.3	409.2	433.8	364.2	461.9	399.2	.	435.6
Poland	254	251	79.4	19.6	1.0	0.0	0.0	0.0	1.2	547.3	547.9	554.1	.	.	.	523.4
Portugal	322	304	5.8	71.4	22.0	0.8	5.1	0.0	0.8	515.7	508.5	506.5	511.7	502.5	.	494.8
Qatar	227	219	29.6	64.7	4.4	1.3	0.0	0.0	3.2	431.5	438.4	431.5	394.2	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	9.2	77.1	12.7	0.9	0.5	0.0	2.9	373.5	394.5	380.5	352.0	351.8	.	394.1
Serbia	192	188	1.3	88.9	8.4	1.5	0.7	0.0	1.2	486.2	525.3	517.9	561.7	506.9	.	516.1
Singapore	358	351	25.3	61.1	12.3	1.2	1.5	0.0	0.7	593.8	591.2	579.5	616.4	598.2	.	534.6
Slovak Republic	328	325	2.7	79.3	17.8	0.2	0.7	0.0	0.6	502.5	521.1	518.3	514.7	567.2	.	527.0
Slovenia	256	240	7.4	58.3	33.0	1.3	5.4	0.0	0.7	530.1	541.5	548.7	551.6	533.3	.	528.6
Spain	393	371	6.7	67.3	25.6	0.3	4.1	0.0	0.5	497.9	519.3	520.7	495.3	519.3	.	518.7
Sweden	212	203	13.1	60.6	21.4	4.9	3.2	0.0	1.2	546.9	539.8	549.8	499.7	530.8	.	510.6
Turkey	251	251	11.4	71.7	14.4	2.5	0.0	0.0	0.0	480.8	487.0	472.7	453.6	.	.	.
United Arab Emirates	840	760	14.4	75.7	9.3	0.5	6.0	0.0	2.9	453.2	455.8	451.6	434.3	417.4	.	404.9
United States	492	417	11.7	64.1	22.2	2.0	12.7	0.0	3.1	562.6	544.5	540.0	520.7	547.0	.	563.7
International Avg (n=46)	13512	12409	15.3	61.0	21.1	2.6	4.1	0.0	1.9	502.3	506.6	501.1	493.1	501.1	.	498.3
Buenos Aires, Argentina	291	118	13.8	63.7	21.2	1.2	53.6	0.0	6.0	423.4	420.6	416.0	442.3	416.5	.	413.3
Ontario, Canada	275	239	32.9	48.0	17.0	2.0	6.6	0.0	6.6	533.5	530.4	528.3	524.2	516.8	.	536.5
Quebec, Canada	151	139	14.2	45.5	29.0	11.3	5.4	0.0	3.6	525.3	520.5	528.8	519.3	534.3	.	537.0
Norway (4)	223	190	11.5	55.0	30.8	2.7	9.9	0.0	3.9	488.6	490.8	497.1	503.6	491.1	.	501.9
Abu Dhabi, UAE	212	181	12.0	75.8	11.5	0.7	9.4	0.0	2.0	450.7	412.6	425.0	427.7	400.6	.	304.2
Dubai, UAE	290	273	12.6	80.5	6.6	0.3	2.5	0.0	2.2	499.8	524.0	502.5	519.5	498.1	.	471.8
Florida, US	120	90	5.7	65.1	29.2	0.0	20.6	0.0	2.9	532.8	555.2	545.0	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Light and sound in everyday life  
 Location: TQS-10Bf (ATBS10BF)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	27.6	37.6	31.3	3.5	5.7	0.0	3.0	524.9	520.0	532.5	513.4	510.3	.	506.0
Bahrain	345	335	12.5	70.2	10.8	6.5	1.9	0.0	1.4	452.3	464.6	453.5	422.6	420.5	.	486.8
Belgium (Flemish)	295	287	38.2	29.4	24.6	7.8	1.2	0.0	0.7	509.3	510.8	512.5	523.9	500.5	.	511.7
Bulgaria	233	227	18.7	56.3	21.6	3.4	0.0	0.0	1.5	549.9	533.5	530.4	532.0	.	.	524.6
Canada	699	631	6.7	56.6	32.2	4.5	5.8	0.0	4.2	512.3	523.1	529.6	519.1	523.4	.	537.8
Chile	180	156	11.7	51.9	35.0	1.3	6.9	0.0	5.6	494.1	477.3	482.1	443.6	473.8	.	439.2
Chinese Taipei	178	178	16.7	70.0	11.3	2.0	0.0	0.0	0.0	548.8	557.7	553.0	537.6	.	.	.
Croatia	223	220	60.3	18.6	14.6	6.5	1.5	0.0	0.0	534.2	531.0	537.3	525.1	531.0	.	.
Cyprus	242	233	5.3	77.2	14.9	2.6	1.1	0.0	2.6	461.6	481.3	483.0	489.3	494.5	.	497.1
Czech Republic	265	263	40.5	28.1	26.3	5.1	0.8	0.0	0.0	534.0	533.9	532.6	548.2	542.1	.	.
Denmark	196	166	12.0	47.7	29.4	10.9	12.3	0.0	1.0	528.5	528.5	524.9	524.0	528.3	.	518.4
England	214	175	25.7	49.3	24.2	0.9	15.0	0.0	0.7	539.8	542.0	529.6	511.9	522.3	.	543.2
Finland	341	326	10.1	54.6	34.0	1.3	4.3	0.0	0.5	550.3	551.6	557.3	565.0	557.2	.	569.0
France	273	258	21.6	11.3	32.5	34.7	4.0	0.0	1.7	490.3	487.8	488.0	486.7	471.5	.	491.6
Georgia	188	179	3.4	88.4	8.2	0.0	0.7	0.0	4.6	466.0	449.6	449.8	.	438.4	.	474.5
Germany	226	195	21.5	20.7	49.1	8.7	10.8	0.0	2.3	533.7	530.5	524.1	526.3	534.0	.	532.4
Hong Kong SAR	148	142	36.4	41.9	16.7	5.1	1.1	0.0	2.4	555.1	558.9	546.8	562.9	549.3	.	594.2
Hungary	244	235	54.4	18.1	22.5	5.1	1.1	0.0	2.2	546.4	547.9	533.3	515.7	588.9	.	508.5
Indonesia	293	291	5.6	61.7	30.6	2.1	0.0	0.0	1.1	406.6	399.6	396.0	356.6	.	.	281.7
Iran, Islamic Rep. of	291	284	30.9	50.0	16.5	2.6	0.0	0.0	2.0	422.3	412.4	439.3	437.6	.	.	442.6
Ireland	214	214	0.4	62.8	32.8	4.0	0.0	0.0	0.0	519.5	529.9	527.0	528.9	.	.	.
Italy	257	238	37.0	17.2	42.2	3.6	4.6	0.0	1.8	520.5	518.5	512.3	525.3	520.4	.	486.2
Japan	157	153	63.8	10.3	18.9	7.0	0.3	0.0	1.8	569.5	572.6	568.1	568.9	545.1	.	546.8
Kazakhstan	239	213	17.1	59.5	20.1	3.3	0.5	0.0	9.4	564.3	549.8	556.5	517.6	529.8	.	521.9
Korea, Rep. of	182	181	22.5	56.9	17.7	2.9	0.6	0.0	0.0	589.3	592.0	583.5	571.6	594.1	.	.
Kuwait	294	271	13.2	78.3	7.8	0.7	7.6	0.0	2.7	366.7	332.0	360.2	391.6	323.0	.	311.3
Lithuania	291	283	16.4	51.5	29.5	2.6	1.1	0.0	0.6	523.9	527.3	530.1	560.0	492.7	.	465.7
Morocco	367	315	37.3	40.9	18.6	3.3	5.9	0.0	8.2	342.8	364.1	354.8	311.7	336.8	.	357.7
Netherlands	223	166	14.6	43.6	35.9	6.0	21.8	0.0	1.0	509.0	518.0	522.5	498.6	515.4	.	509.4
New Zealand	461	436	5.1	39.8	47.9	7.2	2.2	0.0	2.1	527.9	513.9	502.8	472.8	483.8	.	490.1
Northern Ireland	154	129	15.4	46.1	31.8	6.7	17.4	0.0	0.6	522.5	524.3	516.2	513.6	514.8	.	536.1
Norway	227	189	7.0	48.8	39.3	4.8	11.9	0.0	5.4	532.3	542.0	537.4	535.7	527.0	.	536.2
Oman	357	338	36.1	52.9	8.4	2.5	0.6	0.0	3.4	424.8	433.8	444.3	403.8	399.2	.	444.5
Poland	254	250	82.0	16.4	1.6	0.0	0.0	0.0	1.8	548.2	545.0	523.5	.	.	.	542.9
Portugal	322	305	6.5	51.4	38.9	3.2	5.1	0.0	0.7	507.8	508.1	509.9	497.8	502.5	.	493.5
Qatar	227	219	23.2	66.0	9.1	1.7	0.0	0.0	3.7	452.7	430.8	439.0	381.1	.	.	449.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	181	15.8	64.6	16.7	3.0	0.5	0.0	3.5	380.3	389.4	409.6	375.3	351.8	.	379.5
Serbia	192	188	12.1	66.2	17.6	4.1	0.7	0.0	1.2	512.2	525.1	531.1	528.9	506.9	.	516.1
Singapore	358	351	9.0	71.1	18.9	1.0	1.5	0.0	0.7	601.5	592.9	574.4	653.1	598.2	.	534.6
Slovak Republic	328	325	9.1	62.3	26.7	1.9	0.7	0.0	0.6	528.0	520.4	516.4	524.6	567.2	.	527.0
Slovenia	256	240	20.0	38.7	37.9	3.3	5.4	0.0	0.7	540.5	541.1	547.0	540.8	533.3	.	528.6
Spain	393	368	14.3	53.0	30.1	2.6	4.1	0.0	1.5	511.0	519.8	518.1	520.7	519.3	.	525.8
Sweden	212	203	24.4	42.8	27.0	5.9	3.2	0.0	1.2	547.1	539.9	544.3	506.0	530.8	.	510.6
Turkey	251	251	4.1	83.3	9.8	2.8	0.0	0.0	0.0	458.7	488.4	461.5	448.3	.	.	.
United Arab Emirates	840	762	25.2	64.6	9.2	1.0	6.0	0.0	2.2	482.5	447.8	429.3	434.9	416.9	.	401.2
United States	492	417	18.5	46.9	30.0	4.6	12.7	0.0	3.1	558.8	544.6	538.9	535.9	547.0	.	563.7
International Avg (n=46)	13512	12390	22.0	49.5	24.1	4.4	4.1	0.0	2.1	506.6	505.5	504.2	497.5	501.1	.	492.0
Buenos Aires, Argentina	291	119	36.1	45.2	17.7	1.0	53.6	0.0	5.8	417.5	420.8	424.6	384.0	416.5	.	415.4
Ontario, Canada	275	240	3.8	62.0	32.2	1.9	6.6	0.0	6.3	536.1	528.2	535.1	529.8	516.8	.	539.0
Quebec, Canada	151	139	13.5	27.4	45.7	13.4	5.4	0.0	3.6	515.9	517.4	531.4	516.4	534.3	.	537.0
Norway (4)	223	190	12.4	44.4	39.5	3.7	9.9	0.0	3.9	483.8	491.6	494.6	517.8	491.1	.	501.9
Abu Dhabi, UAE	212	181	20.2	65.3	13.4	1.1	9.4	0.0	2.0	476.5	406.9	390.7	408.5	400.6	.	304.2
Dubai, UAE	290	272	27.8	65.3	6.0	0.9	2.6	0.0	1.5	525.0	519.2	510.7	412.4	489.9	.	476.3
Florida, US	120	90	7.8	54.5	36.3	1.3	20.6	0.0	2.9	538.2	556.4	548.4	471.0	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Electricity and simple circuits  
 Location: TQS-10Bg (ATBS10Bg)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	33.0	25.1	33.0	8.9	5.7	0.0	3.0	528.6	522.9	524.4	520.1	510.3	.	506.0
Bahrain	345	338	29.0	53.1	10.9	7.0	1.9	0.0	0.8	462.2	461.5	465.8	415.9	420.5	.	523.8
Belgium (Flemish)	295	288	33.2	27.1	29.2	10.6	1.2	0.0	0.6	510.0	512.3	516.2	502.4	500.5	.	512.4
Bulgaria	233	228	37.3	30.6	26.7	5.3	0.0	0.0	1.4	545.7	531.4	531.5	510.2	.	.	540.0
Canada	699	630	49.7	16.9	21.3	12.1	5.8	0.0	4.2	525.1	523.4	522.2	525.7	523.4	.	537.8
Chile	180	159	24.2	29.9	38.2	7.6	6.9	0.0	3.4	498.3	473.2	477.5	463.5	473.8	.	420.3
Chinese Taipei	178	178	13.9	70.5	14.9	0.8	0.0	0.0	0.0	552.9	557.3	547.5	567.8	.	.	.
Croatia	223	220	73.8	10.2	10.1	6.0	1.5	0.0	0.0	533.0	527.9	540.6	536.4	531.0	.	.
Cyprus	242	233	4.5	77.3	15.0	3.1	1.1	0.0	2.6	463.1	483.3	472.0	484.0	494.5	.	497.1
Czech Republic	265	263	41.1	20.6	31.3	7.0	0.8	0.0	0.0	534.9	532.6	531.3	549.5	542.1	.	.
Denmark	196	167	10.8	50.1	25.6	13.5	12.3	0.0	0.5	530.7	524.2	530.7	527.2	528.3	.	507.3
England	214	175	25.3	49.4	24.3	1.0	15.0	0.0	0.7	541.4	541.7	528.3	521.7	522.3	.	543.2
Finland	341	327	16.0	40.5	37.9	5.6	4.3	0.0	0.2	549.9	552.8	556.3	551.8	557.2	.	589.0
France	273	260	13.4	23.7	39.1	23.9	4.0	0.0	1.1	481.5	491.6	487.5	488.4	471.5	.	503.4
Georgia	188	183	51.8	24.4	22.4	1.4	0.7	0.0	2.8	453.5	434.7	463.5	463.9	438.4	.	453.1
Germany	226	194	10.0	49.6	33.0	7.4	10.8	0.0	2.4	527.3	531.3	527.6	505.8	534.0	.	528.0
Hong Kong SAR	148	142	49.8	30.2	11.7	8.3	1.1	0.0	2.4	557.4	554.9	539.4	571.0	549.3	.	594.2
Hungary	244	235	71.0	6.0	14.6	8.5	1.1	0.0	2.2	546.8	533.3	525.4	532.0	588.9	.	535.5
Indonesia	293	292	21.8	40.9	31.6	5.7	0.0	0.0	0.6	405.4	392.3	396.0	395.4	.	.	430.6
Iran, Islamic Rep. of	291	285	3.8	78.3	16.2	1.6	0.0	0.0	1.8	452.3	419.0	425.8	375.5	.	.	440.2
Ireland	214	214	1.1	46.1	44.1	8.6	0.0	0.0	0.0	514.8	532.6	526.5	523.3	.	.	.
Italy	257	239	41.4	7.8	38.2	12.5	4.6	0.0	1.5	519.2	521.1	512.9	518.8	520.4	.	478.6
Japan	157	154	19.7	34.1	44.9	1.3	0.3	0.0	1.1	569.0	573.2	566.8	554.7	545.1	.	554.6
Kazakhstan	239	213	22.5	48.3	24.7	4.5	0.5	0.0	9.4	562.0	554.0	547.6	516.6	529.8	.	521.9
Korea, Rep. of	182	181	65.4	22.9	8.5	3.1	0.6	0.0	0.0	591.6	588.4	583.7	563.3	594.1	.	.
Kuwait	294	272	10.2	80.7	7.9	1.2	7.6	0.0	2.5	374.3	333.1	341.6	411.4	323.0	.	318.6
Lithuania	291	284	4.9	51.6	41.4	2.2	1.1	0.0	0.5	514.1	525.7	531.2	567.6	492.7	.	468.2
Morocco	367	314	15.6	64.4	15.2	4.8	5.9	0.0	8.1	351.4	355.0	353.7	316.2	336.8	.	361.9
Netherlands	223	166	23.0	28.9	36.1	12.0	21.8	0.0	1.2	517.0	516.1	521.2	507.3	515.4	.	549.0
New Zealand	461	436	4.6	32.6	50.4	12.3	2.2	0.0	2.1	536.6	512.8	504.6	485.3	483.8	.	490.1
Northern Ireland	154	129	16.4	43.8	30.6	9.3	17.4	0.0	0.6	522.4	520.3	521.0	518.6	514.8	.	536.1
Norway	227	189	7.0	40.8	41.6	10.6	11.9	0.0	4.9	532.3	542.0	539.9	531.1	527.0	.	534.8
Oman	357	340	10.5	85.4	2.5	1.6	0.6	0.0	2.9	409.5	434.9	417.4	381.8	399.2	.	436.9
Poland	254	251	85.7	11.1	3.3	0.0	0.0	0.0	1.2	547.8	546.1	543.9	.	.	.	523.4
Portugal	322	305	6.4	37.7	47.4	8.4	5.1	0.0	0.7	500.3	507.6	511.0	504.6	502.5	.	493.5
Qatar	227	219	39.7	50.0	8.7	1.6	0.0	0.0	3.2	443.3	430.8	433.2	399.9	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	8.7	72.7	15.6	2.9	0.5	0.0	2.8	369.6	392.9	390.9	398.3	351.8	.	384.8
Serbia	192	188	5.9	72.8	18.0	3.3	0.7	0.0	1.2	480.7	528.5	524.9	520.5	506.9	.	516.1
Singapore	358	351	54.2	31.1	12.1	2.5	1.5	0.0	0.7	588.8	591.5	595.4	600.1	598.2	.	534.6
Slovak Republic	328	325	3.4	73.5	22.4	0.8	0.7	0.0	0.6	512.3	521.0	518.3	524.5	567.2	.	527.0
Slovenia	256	240	1.1	68.4	28.0	2.5	5.4	0.0	0.7	515.8	542.9	543.7	557.5	533.3	.	528.6
Spain	393	370	21.6	38.0	32.3	8.1	4.1	0.0	1.2	518.1	520.4	515.1	519.1	519.3	.	524.5
Sweden	212	203	17.3	53.4	23.5	5.8	3.2	0.0	1.2	544.2	538.4	551.7	509.9	530.8	.	510.6
Turkey	251	249	26.0	47.8	22.0	4.2	0.0	0.0	0.9	484.6	490.1	469.1	474.8	.	.	486.4
United Arab Emirates	840	764	29.4	58.7	9.3	2.5	5.9	0.0	2.4	474.3	451.5	412.4	450.0	417.9	.	407.4
United States	492	415	6.3	59.8	28.8	5.1	12.7	0.0	3.3	565.2	546.1	542.6	521.3	547.0	.	564.6
International Avg (n=46)	13512	12413	25.2	43.8	24.9	6.0	4.1	0.0	1.9	505.6	504.7	502.8	497.4	501.1	.	496.9
Buenos Aires, Argentina	291	119	14.1	63.0	21.2	1.7	53.6	0.0	5.8	434.1	423.6	398.6	432.9	416.5	.	415.4
Ontario, Canada	275	240	53.4	15.9	22.6	8.2	6.6	0.0	6.3	534.7	522.1	526.7	533.0	516.8	.	539.0
Quebec, Canada	151	138	31.7	22.0	20.4	26.0	5.4	0.0	3.6	523.3	524.5	527.1	519.8	534.3	.	537.1
Norway (4)	223	189	21.6	27.0	44.8	6.7	9.9	0.0	4.4	487.7	487.7	495.3	510.1	491.1	.	505.6
Abu Dhabi, UAE	212	181	25.5	59.3	11.7	3.4	9.4	0.0	2.0	458.5	415.2	335.8	468.8	400.6	.	304.2
Dubai, UAE	290	276	28.5	59.4	10.2	1.9	2.2	0.0	1.1	521.8	521.8	495.0	474.7	512.5	.	508.8
Florida, US	120	90	11.4	40.8	40.9	6.9	20.6	0.0	2.9	529.2	564.2	544.2	548.9	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Properties of magnets  
 Location: TQS-10Bh (ATBS10BH)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	422	22.2	40.6	31.6	5.6	5.7	0.0	3.4	531.9	527.5	518.1	513.0	510.3	.	517.6
Bahrain	345	338	23.1	64.2	6.3	6.4	1.9	0.0	0.8	457.5	463.1	469.1	413.4	420.5	.	523.8
Belgium (Flemish)	295	289	47.6	25.2	19.7	7.4	1.2	0.0	0.3	513.4	506.8	510.4	519.5	500.5	.	516.5
Bulgaria	233	230	17.6	64.2	17.4	0.7	0.0	0.0	0.6	547.1	536.7	526.7	414.1	.	.	505.6
Canada	699	630	45.5	31.5	17.7	5.3	5.8	0.0	4.2	523.6	525.2	524.6	523.8	523.4	.	537.8
Chile	180	158	1.5	65.0	32.7	0.8	6.9	0.0	4.2	470.4	482.8	478.6	445.6	473.8	.	416.1
Chinese Taipei	178	178	36.3	51.7	10.8	1.3	0.0	0.0	0.0	555.1	557.4	548.0	534.3	.	.	.
Croatia	223	219	56.8	24.7	13.1	5.5	1.5	0.0	0.6	534.7	529.1	534.6	539.8	531.0	.	514.5
Cyprus	242	233	42.4	38.1	16.9	2.6	1.1	0.0	2.6	481.6	480.1	480.4	478.2	494.5	.	497.1
Czech Republic	265	263	26.2	48.8	21.8	3.2	0.8	0.0	0.0	532.1	533.0	538.3	546.4	542.1	.	.
Denmark	196	167	11.3	58.1	22.5	8.1	12.3	0.0	0.5	537.2	525.6	525.3	526.7	528.3	.	507.3
England	214	175	20.5	54.1	23.4	2.0	15.0	0.0	0.7	537.2	540.6	534.8	521.2	522.3	.	543.2
Finland	341	327	17.2	51.7	28.0	3.1	4.3	0.0	0.2	551.6	552.9	555.1	561.5	557.2	.	589.0
France	273	258	29.0	12.8	35.9	22.2	4.0	0.0	1.8	489.0	482.4	489.5	487.3	471.5	.	494.9
Georgia	188	186	1.0	89.9	9.0	0.0	0.7	0.0	0.9	355.0	450.2	472.8	.	438.4	.	460.5
Germany	226	195	14.3	49.3	31.3	5.1	10.8	0.0	2.3	522.6	532.5	523.7	520.3	534.0	.	532.4
Hong Kong SAR	148	142	51.4	28.0	14.0	6.6	1.1	0.0	2.4	554.9	554.2	551.2	577.7	549.3	.	594.2
Hungary	244	237	15.1	49.9	33.7	1.3	1.1	0.0	1.6	535.1	552.1	533.2	449.7	588.9	.	516.4
Indonesia	293	292	19.4	41.5	31.6	7.4	0.0	0.0	0.2	402.4	404.6	385.7	381.6	.	.	474.1
Iran, Islamic Rep. of	291	285	1.8	89.7	8.5	0.0	0.0	0.0	1.8	429.9	423.3	390.8	.	.	.	440.2
Ireland	214	214	0.8	66.4	29.3	3.5	0.0	0.0	0.0	525.7	530.0	525.1	539.4	.	.	.
Italy	257	238	42.4	13.5	38.0	6.0	4.6	0.0	2.2	519.5	518.3	514.4	514.8	520.4	.	481.4
Japan	157	153	46.4	23.7	27.4	2.5	0.3	0.0	1.7	566.6	573.3	570.3	559.2	545.1	.	572.9
Kazakhstan	239	213	18.5	61.6	15.4	4.5	0.5	0.0	9.4	548.1	561.9	530.9	516.6	529.8	.	521.9
Korea, Rep. of	182	181	49.3	38.1	10.5	2.1	0.6	0.0	0.0	590.0	591.1	583.5	567.4	594.1	.	.
Kuwait	294	272	10.8	83.1	5.2	0.9	7.6	0.0	2.5	371.8	333.9	341.3	400.2	323.0	.	317.8
Lithuania	291	282	9.0	61.1	28.4	1.5	1.1	0.0	0.6	521.8	527.6	533.1	516.4	492.7	.	462.1
Morocco	367	314	55.3	28.0	11.9	4.8	5.9	0.0	8.5	352.1	359.0	343.3	323.4	336.8	.	368.8
Netherlands	223	166	19.5	36.2	33.7	10.6	21.8	0.0	1.0	514.5	518.6	521.4	503.4	515.4	.	550.3
New Zealand	461	436	4.8	34.2	49.3	11.7	2.2	0.0	2.1	536.0	515.7	503.2	480.1	483.8	.	490.1
Northern Ireland	154	130	25.9	33.8	32.6	7.8	17.4	0.0	0.2	525.3	521.9	518.4	511.0	514.8	.	531.5
Norway	227	190	1.7	68.1	24.1	6.0	11.9	0.0	4.6	533.6	539.7	540.2	532.7	527.0	.	533.8
Oman	357	340	33.0	61.8	3.1	2.1	0.6	0.0	2.9	425.0	438.6	382.8	368.5	399.2	.	436.9
Poland	254	251	81.8	17.1	1.1	0.0	0.0	0.0	1.2	547.5	547.6	544.7	.	.	.	523.4
Portugal	322	305	2.9	60.5	34.6	2.0	5.1	0.0	0.7	498.1	510.2	508.0	481.2	502.5	.	493.5
Qatar	227	219	45.4	49.6	4.3	0.6	0.0	0.0	3.2	433.5	435.8	460.9	371.7	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	6.8	79.6	12.0	1.6	0.5	0.0	2.4	356.9	395.8	382.8	331.7	351.8	.	388.3
Serbia	192	187	2.1	85.7	11.4	0.7	0.7	0.0	1.8	491.2	525.1	525.6	561.8	506.9	.	520.6
Singapore	358	351	16.7	75.9	7.3	0.1	1.5	0.0	0.7	594.0	590.6	586.4	516.8	598.2	.	534.6
Slovak Republic	328	325	2.6	84.8	12.2	0.4	0.7	0.0	0.6	505.4	521.6	512.4	528.7	567.2	.	527.0
Slovenia	256	240	1.7	73.4	24.9	0.0	5.4	0.0	0.7	551.2	542.9	543.4	.	533.3	.	528.6
Spain	393	371	19.2	52.6	26.0	2.2	4.1	0.0	0.5	516.2	519.7	516.8	512.6	519.3	.	518.7
Sweden	212	201	21.2	50.8	20.6	7.4	3.2	0.0	2.3	541.1	538.6	553.2	513.2	530.8	.	550.4
Turkey	251	250	19.2	66.0	11.3	3.4	0.0	0.0	0.4	491.8	484.3	464.8	480.8	.	.	481.5
United Arab Emirates	840	764	28.2	63.6	6.4	1.8	6.0	0.0	2.2	477.7	447.6	427.2	427.3	417.4	.	409.3
United States	492	416	10.1	60.8	26.0	3.1	12.7	0.0	3.2	556.4	546.5	541.2	511.3	547.0	.	564.0
International Avg (n=46)	13512	12416	23.4	52.4	20.3	4.0	4.1	0.0	1.8	503.3	506.4	501.4	488.7	501.1	.	498.8
Buenos Aires, Argentina	291	119	10.4	72.2	15.1	2.3	53.6	0.0	5.8	444.5	417.7	414.2	416.9	416.5	.	415.4
Ontario, Canada	275	240	50.7	31.9	13.3	4.1	6.6	0.0	6.3	535.8	524.8	529.2	520.6	516.8	.	539.0
Quebec, Canada	151	138	20.9	37.9	31.7	9.5	5.4	0.0	3.6	509.6	526.6	528.0	525.9	534.3	.	537.1
Norway (4)	223	190	20.4	39.4	35.6	4.6	9.9	0.0	3.9	489.3	492.2	493.5	508.4	491.1	.	501.9
Abu Dhabi, UAE	212	181	24.3	63.9	11.0	0.7	9.4	0.0	2.0	447.1	412.2	393.5	427.7	400.6	.	304.2
Dubai, UAE	290	275	29.9	62.3	5.4	2.4	2.5	0.0	0.9	533.5	514.1	505.2	483.0	498.1	.	495.3
Florida, US	120	90	7.8	55.9	33.9	2.4	20.6	0.0	2.9	526.7	557.2	550.3	494.6	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Physical Science: Forces that cause objects to move  
 Location: TQS-10Bi (ATBS10Bi)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	7.4	57.9	29.9	4.9	5.7	0.0	3.0	548.2	524.0	523.7	511.0	510.3	.	506.0
Bahrain	345	338	12.2	75.7	6.1	6.1	1.9	0.0	0.8	451.3	464.6	452.2	411.1	420.5	.	523.8
Belgium (Flemish)	295	289	50.0	15.7	25.0	9.3	1.2	0.0	0.3	511.9	513.7	509.0	513.4	500.5	.	516.5
Bulgaria	233	230	7.3	81.0	10.5	1.2	0.0	0.0	0.6	505.5	541.4	524.1	452.9	.	.	505.6
Canada	699	631	25.1	46.7	23.9	4.3	5.8	0.0	4.2	521.7	525.3	525.5	520.3	523.4	.	537.8
Chile	180	160	0.0	74.6	25.4	0.0	6.9	0.0	3.2	.	480.5	479.4	.	473.8	.	413.8
Chinese Taipei	178	178	31.5	53.0	13.5	2.0	0.0	0.0	0.0	554.5	556.0	555.3	548.7	.	.	.
Croatia	223	220	71.6	12.4	10.4	5.6	1.5	0.0	0.0	534.0	535.0	532.2	526.1	531.0	.	.
Cyprus	242	233	25.1	50.6	19.3	5.0	1.1	0.0	2.6	478.7	481.4	481.7	480.1	494.5	.	497.1
Czech Republic	265	263	35.4	35.2	26.2	3.2	0.8	0.0	0.0	532.6	534.0	535.5	547.3	542.1	.	.
Denmark	196	167	10.0	51.1	30.7	8.3	12.3	0.0	0.5	532.6	524.2	531.4	520.8	528.3	.	507.3
England	214	175	9.0	63.0	27.0	1.0	15.0	0.0	0.7	521.7	542.6	535.0	495.2	522.3	.	543.2
Finland	341	327	22.3	40.8	35.0	2.0	4.3	0.0	0.2	548.5	555.5	553.8	566.2	557.2	.	589.0
France	273	260	28.7	5.5	28.9	36.9	4.0	0.0	1.1	492.3	479.9	485.9	487.2	471.5	.	503.4
Georgia	188	185	16.4	65.1	18.5	0.1	0.7	0.0	1.6	451.4	450.8	454.7	462.4	438.4	.	432.9
Germany	226	195	23.1	23.6	40.9	12.4	10.8	0.0	2.4	528.5	532.2	525.0	526.7	534.0	.	530.9
Hong Kong SAR	148	142	48.5	28.4	15.0	8.1	1.1	0.0	2.4	555.1	556.0	550.6	567.6	549.3	.	594.2
Hungary	244	236	64.1	11.0	20.3	4.7	1.1	0.0	1.8	545.6	530.9	540.3	520.9	588.9	.	527.4
Indonesia	293	293	1.9	73.2	23.3	1.6	0.0	0.0	0.0	447.6	397.6	391.7	362.3	.	.	.
Iran, Islamic Rep. of	291	284	35.5	49.8	11.9	2.8	0.0	0.0	2.4	425.5	419.7	404.3	452.2	.	.	429.0
Ireland	214	214	0.2	65.7	31.1	3.1	0.0	0.0	0.0	582.3	531.3	522.8	536.0	.	.	.
Italy	257	238	36.7	14.6	43.8	4.9	4.6	0.0	2.2	518.7	523.8	512.8	524.2	520.4	.	481.4
Japan	157	154	71.9	7.3	14.0	6.8	0.3	0.0	1.1	569.6	567.4	566.6	572.4	545.1	.	554.6
Kazakhstan	239	212	22.8	51.9	19.9	5.3	0.5	0.0	9.8	560.4	558.4	536.2	528.4	529.8	.	520.7
Korea, Rep. of	182	181	48.8	34.5	14.6	2.1	0.6	0.0	0.0	590.9	591.1	581.6	577.4	594.1	.	.
Kuwait	294	271	5.0	88.7	5.2	1.2	7.6	0.0	3.2	371.3	337.0	336.1	368.9	323.0	.	319.6
Lithuania	291	282	21.9	39.5	34.4	4.2	1.1	0.0	1.0	521.1	528.6	529.7	552.1	492.7	.	504.3
Morocco	367	316	61.5	20.7	12.8	5.0	5.9	0.0	7.6	355.7	351.3	340.5	337.5	336.8	.	367.1
Netherlands	223	167	20.6	30.0	39.3	10.1	21.8	0.0	0.8	516.6	517.6	521.5	501.2	515.4	.	547.1
New Zealand	461	436	5.2	43.7	41.7	9.3	2.2	0.0	2.1	539.7	514.3	501.0	474.5	483.8	.	490.1
Northern Ireland	154	129	16.3	42.3	38.7	2.7	17.4	0.0	0.6	526.5	523.1	516.0	516.1	514.8	.	536.1
Norway	227	189	3.1	52.8	35.8	8.4	11.9	0.0	4.9	522.0	540.2	541.9	528.5	527.0	.	534.8
Oman	357	338	31.9	57.4	9.0	1.7	0.6	0.0	3.4	432.5	433.3	426.6	372.3	399.2	.	425.2
Poland	254	251	84.0	11.0	5.0	0.0	0.0	0.0	1.2	547.4	552.3	538.0	.	.	.	523.4
Portugal	322	304	5.8	51.5	39.6	3.0	5.1	0.0	0.7	502.1	508.6	510.0	498.6	502.5	.	494.3
Qatar	227	219	35.5	59.2	5.0	0.3	0.0	0.0	3.2	424.0	443.5	415.0	573.9	.	.	460.5
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	4.6	83.1	10.0	2.3	0.5	0.0	2.4	374.5	395.5	363.4	361.7	351.8	.	388.3
Serbia	192	188	12.3	69.1	16.3	2.2	0.7	0.0	1.2	492.0	529.7	528.0	528.4	506.9	.	516.1
Singapore	358	350	57.7	29.4	10.9	1.9	1.5	0.0	0.9	587.9	595.1	593.1	600.3	598.2	.	538.5
Slovak Republic	328	324	0.5	87.0	12.0	0.5	0.7	0.0	0.9	463.5	521.0	516.1	511.1	567.2	.	524.9
Slovenia	256	240	8.9	52.7	33.9	4.4	5.4	0.0	0.7	527.3	544.6	544.3	549.8	533.3	.	528.6
Spain	393	371	15.5	59.8	23.0	1.7	4.1	0.0	0.5	513.3	520.5	515.9	508.2	519.3	.	518.7
Sweden	212	202	17.1	51.1	25.6	6.2	3.2	0.0	1.9	543.4	541.6	542.6	512.8	530.8	.	548.2
Turkey	251	251	4.9	82.0	10.2	2.9	0.0	0.0	0.0	489.4	483.5	486.1	461.8	.	.	.
United Arab Emirates	840	763	12.5	78.5	8.0	1.0	5.9	0.0	2.3	459.9	456.0	435.7	410.6	417.9	.	412.5
United States	492	417	12.3	58.2	27.1	2.4	12.7	0.0	3.1	558.9	545.8	538.7	529.6	547.0	.	563.7
International Avg (n=46)	13512	12419	24.8	48.6	21.9	4.6	4.1	0.0	1.8	506.2	506.5	501.1	497.9	501.1	.	498.9
Buenos Aires, Argentina	291	119	17.8	60.8	19.2	2.3	53.6	0.0	5.8	430.9	418.6	416.5	397.8	416.5	.	415.4
Ontario, Canada	275	240	30.4	48.5	20.0	1.1	6.6	0.0	6.3	534.0	529.1	532.7	479.8	516.8	.	539.0
Quebec, Canada	151	139	10.0	35.9	41.4	12.7	5.4	0.0	3.6	519.9	523.8	522.5	528.4	534.3	.	537.0
Norway (4)	223	189	16.4	40.1	39.8	3.7	9.9	0.0	4.3	490.6	491.1	493.4	512.4	491.1	.	502.9
Abu Dhabi, UAE	212	180	15.3	70.1	13.8	0.7	9.4	0.0	2.1	434.3	416.5	412.6	427.7	400.6	.	304.4
Dubai, UAE	290	275	12.7	80.1	5.7	1.5	2.2	0.0	1.2	521.9	521.5	481.4	456.3	512.5	.	499.1
Florida, US	120	89	6.8	59.0	34.2	0.0	20.6	0.0	3.3	532.2	551.5	552.6	.	542.1	.	542.9

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Common features of the Earth's landscape  
and their relationship to human use  
Location: TQS-10Ca (ATBS10Ca)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	424	16.9	46.9	33.0	3.2	5.7	0.0	3.1	521.2	525.3	528.2	508.2	510.2	.	506.9
Bahrain	345	338	48.9	37.2	11.7	2.2	1.9	0.0	0.8	459.5	454.9	473.5	440.2	420.5	.	523.8
Belgium (Flemish)	295	288	38.2	33.6	23.7	4.5	1.2	0.0	0.5	511.7	509.9	515.7	502.4	500.5	.	518.4
Bulgaria	233	230	14.6	76.1	9.3	0.0	0.0	0.0	1.1	534.1	538.3	525.6	.	.	.	465.0
Canada	699	630	21.3	49.1	27.2	2.4	5.8	0.0	4.4	518.7	524.4	530.6	499.6	523.4	.	536.3
Chile	180	161	13.6	64.2	22.2	0.0	6.9	0.0	1.8	477.6	477.4	485.1	.	473.8	.	419.8
Chinese Taipei	178	178	56.1	31.8	11.2	0.8	0.0	0.0	0.0	554.2	559.5	550.3	537.9	.	.	.
Croatia	223	218	5.7	81.9	11.1	1.2	1.5	0.0	0.8	532.4	533.0	537.9	526.9	531.0	.	538.7
Cyprus	242	234	38.9	36.7	20.5	3.8	1.1	0.0	2.2	484.0	478.1	478.2	475.3	494.5	.	518.9
Czech Republic	265	262	6.9	78.9	13.8	0.4	0.8	0.0	0.7	535.8	535.1	530.8	574.8	542.1	.	486.5
Denmark	196	166	11.5	51.9	33.9	2.8	12.8	0.0	0.5	525.1	524.2	531.4	522.4	529.9	.	507.3
England	214	175	24.0	36.4	37.3	2.3	15.0	0.0	0.7	545.8	541.6	530.1	533.8	522.3	.	543.2
Finland	341	327	13.5	67.6	18.3	0.5	4.3	0.0	0.2	546.7	554.2	555.5	583.8	557.2	.	589.0
France	273	261	18.0	24.9	44.0	13.1	4.0	0.0	0.6	492.5	491.2	486.5	480.3	471.5	.	515.3
Georgia	188	185	12.8	75.0	12.2	0.0	0.7	0.0	1.7	456.5	452.2	446.5	.	438.4	.	408.9
Germany	226	195	14.7	52.6	28.3	4.4	10.8	0.0	2.2	538.3	528.0	521.1	537.4	534.0	.	521.4
Hong Kong SAR	148	143	17.5	49.9	31.3	1.3	1.1	0.0	2.1	560.8	554.5	558.1	483.9	549.3	.	595.9
Hungary	244	236	1.6	74.9	23.5	0.0	1.1	0.0	2.2	525.2	545.1	536.8	.	588.9	.	480.4
Indonesia	293	292	8.9	50.9	37.8	2.3	0.0	0.0	0.2	391.9	400.6	393.6	364.4	.	.	535.7
Iran, Islamic Rep. of	291	283	19.8	65.2	14.5	0.6	0.0	0.0	2.6	421.4	420.2	420.0	494.9	.	.	426.6
Ireland	214	213	2.3	70.6	25.4	1.7	0.0	0.0	0.2	514.5	529.7	526.6	544.7	.	.	550.3
Italy	257	241	16.6	43.7	38.2	1.6	4.6	0.0	1.4	516.6	520.4	513.0	503.4	520.4	.	488.4
Japan	157	153	71.1	5.7	16.2	7.0	0.3	0.0	1.9	569.8	570.3	568.3	567.1	545.1	.	551.4
Kazakhstan	239	205	5.6	85.7	8.7	0.0	0.5	0.0	12.5	523.5	557.5	526.5	.	529.8	.	527.2
Korea, Rep. of	182	181	18.6	67.7	12.8	0.9	0.6	0.0	0.0	592.7	590.6	579.1	568.2	594.1	.	.
Kuwait	294	273	11.0	79.0	8.7	1.3	7.6	0.0	2.2	344.7	331.2	380.9	442.6	323.0	.	334.4
Lithuania	291	282	2.6	83.2	14.1	0.0	1.1	0.0	0.6	511.9	528.8	529.4	.	492.7	.	465.8
Morocco	367	316	57.6	28.5	10.8	3.1	5.9	0.0	7.6	348.4	356.3	371.7	307.6	336.8	.	367.1
Netherlands	223	163	8.7	55.7	31.5	4.1	21.8	0.0	2.7	504.2	516.5	526.9	478.3	515.4	.	529.1
New Zealand	461	441	6.5	42.6	45.6	5.3	2.2	0.0	1.3	506.7	513.6	504.1	466.7	483.8	.	480.8
Northern Ireland	154	131	14.5	45.3	35.5	4.7	17.4	0.0	0.0	529.6	515.1	523.1	531.5	514.8	.	.
Norway	227	189	4.4	69.0	24.7	1.9	11.9	0.0	4.9	538.9	540.4	534.5	560.3	527.0	.	534.8
Oman	357	337	24.1	67.2	7.2	1.6	0.6	0.0	3.8	429.1	431.1	425.3	453.5	399.2	.	446.4
Poland	254	251	52.0	47.3	0.7	0.0	0.0	0.0	1.8	548.3	547.1	553.1	.	.	.	515.2
Portugal	322	306	0.2	90.3	9.5	0.0	5.1	0.0	0.5	482.2	508.1	512.2	.	502.5	.	495.9
Qatar	227	218	39.2	50.8	8.4	1.6	0.0	0.0	3.3	422.1	453.0	405.5	365.8	.	.	459.4
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	26.1	61.5	9.8	2.6	0.5	0.0	1.9	372.9	394.2	424.0	351.9	351.8	.	392.1
Serbia	192	190	3.2	88.9	7.2	0.7	0.0	0.0	1.2	508.9	525.1	520.2	561.8	.	.	527.7
Singapore	358	351	66.0	11.7	16.4	5.9	1.5	0.0	0.7	588.8	578.4	603.0	602.5	598.2	.	534.6
Slovak Republic	328	325	10.7	75.2	12.6	1.4	0.7	0.0	0.5	508.4	520.7	522.7	555.8	567.2	.	516.9
Slovenia	256	239	29.0	44.8	25.1	1.1	5.4	0.0	1.0	539.7	542.8	547.3	546.5	533.3	.	546.6
Spain	393	370	2.6	83.3	14.0	0.1	4.1	0.0	0.5	512.9	517.5	523.2	529.9	519.3	.	519.0
Sweden	212	203	22.0	36.7	38.5	2.9	3.2	0.0	1.2	541.2	536.8	545.1	534.7	530.8	.	510.6
Turkey	251	249	29.1	55.2	13.4	2.3	0.0	0.0	0.7	489.0	483.2	479.8	441.6	.	.	476.6
United Arab Emirates	840	759	28.4	59.4	11.4	0.8	5.9	0.0	2.8	474.9	446.5	441.7	448.9	418.2	.	429.9
United States	492	418	14.1	62.4	22.9	0.6	12.7	0.0	2.9	555.9	546.1	536.4	503.4	547.0	.	567.3
International Avg (n=46)	13512	12414	21.1	56.5	20.3	2.2	4.1	0.0	1.9	502.4	505.4	505.6	498.2	501.0	.	497.8
Buenos Aires, Argentina	291	121	22.3	64.8	13.0	0.0	53.6	0.0	4.8	418.4	426.8	386.8	.	416.5	.	415.8
Ontario, Canada	275	239	21.7	45.2	30.9	2.1	6.6	0.0	6.7	525.3	534.5	532.4	492.7	516.8	.	536.5
Quebec, Canada	151	138	12.0	47.9	35.2	5.0	5.4	0.0	3.7	517.7	522.4	529.4	505.0	534.3	.	536.9
Norway (4)	223	190	9.3	62.2	28.5	0.0	9.9	0.0	3.9	488.2	492.6	494.9	.	491.1	.	501.9
Abu Dhabi, UAE	212	183	24.4	61.4	12.5	1.7	9.4	0.0	1.3	460.9	408.6	379.3	428.3	400.6	.	290.1
Dubai, UAE	290	273	28.1	59.8	11.3	0.8	2.2	0.0	2.0	521.9	518.7	511.5	496.5	512.5	.	492.0
Florida, US	120	89	9.7	61.8	28.0	0.4	20.6	0.0	4.0	538.4	550.2	554.2	485.1	542.1	.	556.6

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Where water is found on the Earth and how it moves in and out of the air  
 Location: TQS-10Cb (ATBS10CB)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	20.5	46.3	29.9	3.4	5.7	0.0	3.3	536.4	520.9	521.2	543.7	510.2	.	510.6
Bahrain	345	338	25.1	69.7	4.9	0.3	1.9	0.0	0.8	446.0	464.7	442.5	491.1	420.5	.	523.8
Belgium (Flemish)	295	287	11.1	73.7	14.7	0.5	1.2	0.0	0.9	513.2	512.0	508.5	532.1	500.5	.	504.0
Bulgaria	233	231	2.1	94.1	3.8	0.0	0.0	0.0	0.4	527.4	536.6	513.6	.	.	.	567.9
Canada	699	631	38.1	38.7	21.3	1.9	5.8	0.0	4.3	524.9	522.1	528.4	509.8	523.4	.	536.4
Chile	180	162	11.2	69.7	19.2	0.0	6.9	0.0	1.0	471.8	477.4	486.0	.	473.8	.	436.4
Chinese Taipei	178	178	39.5	45.0	13.5	2.0	0.0	0.0	0.0	556.8	555.4	548.6	567.3	.	.	.
Croatia	223	218	0.9	92.5	5.8	0.8	1.5	0.0	0.8	494.5	533.8	534.3	532.0	531.0	.	538.7
Cyprus	242	234	30.3	53.4	15.1	1.3	1.1	0.0	2.2	485.0	478.3	478.1	476.5	494.5	.	518.9
Czech Republic	265	262	4.9	83.5	11.6	0.0	0.8	0.0	0.7	543.0	534.6	531.9	.	542.1	.	486.5
Denmark	196	165	9.4	68.5	20.1	2.1	12.8	0.0	1.2	532.8	526.7	523.5	518.5	529.9	.	538.3
England	214	175	17.2	55.4	26.5	0.9	15.0	0.0	0.7	545.4	540.2	530.1	511.9	522.3	.	543.2
Finland	341	327	11.7	68.2	19.7	0.4	4.3	0.0	0.2	547.3	553.9	555.5	586.3	557.2	.	589.0
France	273	261	13.9	40.0	37.3	8.8	4.0	0.0	0.6	482.1	490.1	490.5	476.1	471.5	.	515.3
Georgia	188	184	4.5	87.8	7.7	0.0	0.7	0.0	2.0	470.8	449.8	454.2	.	438.4	.	465.5
Germany	226	195	3.3	73.3	21.8	1.6	10.8	0.0	2.2	530.6	528.8	524.2	535.8	534.0	.	521.4
Hong Kong SAR	148	143	15.5	57.8	24.8	2.0	1.1	0.0	2.1	556.6	558.5	552.5	510.2	549.3	.	595.9
Hungary	244	236	3.5	74.8	21.8	0.0	1.1	0.0	2.2	515.9	546.7	533.9	.	588.9	.	480.4
Indonesia	293	292	13.2	43.4	38.9	4.5	0.0	0.0	0.2	397.6	407.9	385.4	375.5	.	.	535.7
Iran, Islamic Rep. of	291	281	38.7	43.8	15.4	2.1	0.0	0.0	3.9	425.1	421.3	414.5	457.1	.	.	384.9
Ireland	214	214	2.6	74.8	21.4	1.2	0.0	0.0	0.0	515.8	530.7	522.8	550.7	.	.	.
Italy	257	242	5.0	52.4	41.8	0.8	4.6	0.0	0.7	481.2	518.6	518.5	490.4	520.4	.	488.9
Japan	157	154	17.6	31.9	47.2	3.3	0.3	0.0	1.1	568.1	570.1	569.6	562.1	545.1	.	554.6
Kazakhstan	239	206	3.6	92.2	4.3	0.0	0.5	0.0	12.3	532.9	551.5	597.2	.	529.8	.	527.3
Korea, Rep. of	182	181	24.9	59.3	14.3	1.6	0.6	0.0	0.0	592.7	589.3	584.6	576.2	594.1	.	.
Kuwait	294	273	7.2	86.2	6.0	0.7	7.6	0.0	2.2	341.8	338.8	324.4	391.6	323.0	.	334.4
Lithuania	291	281	1.4	87.2	10.9	0.4	1.1	0.0	0.7	508.1	527.5	538.7	545.6	492.7	.	463.9
Morocco	367	312	30.2	50.4	17.0	2.4	5.9	0.0	8.4	337.0	362.0	356.1	297.5	336.8	.	366.1
Netherlands	223	166	8.9	65.1	21.7	4.3	21.8	0.0	1.3	508.7	516.6	530.9	481.7	515.4	.	522.5
New Zealand	461	442	4.2	56.4	36.6	2.9	2.2	0.0	1.1	522.6	514.4	496.8	448.6	483.8	.	466.4
Northern Ireland	154	130	17.1	56.6	22.3	4.1	17.4	0.0	0.8	527.8	518.1	522.2	522.1	514.8	.	518.9
Norway	227	188	5.8	71.8	19.7	2.7	11.9	0.0	5.3	531.7	539.8	537.7	553.4	527.0	.	535.5
Oman	357	339	33.6	56.3	8.2	1.9	0.6	0.0	3.1	425.0	433.1	453.4	390.7	399.2	.	429.4
Poland	254	253	1.2	98.5	0.3	0.0	0.0	0.0	0.4	519.3	547.7	521.0	.	.	.	518.5
Portugal	322	306	0.0	91.3	8.7	0.0	5.1	0.0	0.5	.	508.1	511.4	.	502.5	.	495.9
Qatar	227	218	19.4	72.8	6.7	1.1	0.0	0.0	3.3	419.2	443.2	411.5	362.0	.	.	459.4
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	7.0	76.6	14.8	1.6	0.5	0.0	2.4	380.7	391.9	393.6	331.7	351.8	.	394.9
Serbia	192	190	4.1	92.3	3.6	0.0	0.0	0.0	1.2	435.3	528.2	529.0	.	.	.	527.7
Singapore	358	351	59.3	27.2	11.1	2.4	1.5	0.0	0.7	583.9	601.3	596.8	612.5	598.2	.	534.6
Slovak Republic	328	324	3.4	88.9	7.7	0.0	0.7	0.0	0.7	488.1	522.0	512.7	.	567.2	.	527.9
Slovenia	256	239	12.5	65.2	21.5	0.8	5.4	0.0	1.0	537.0	543.1	546.6	541.7	533.3	.	546.6
Spain	393	370	4.9	78.5	16.6	0.0	4.1	0.0	0.5	509.7	519.2	515.9	505.0	519.3	.	519.0
Sweden	212	203	6.5	79.2	13.6	0.7	3.2	0.0	1.2	535.0	541.7	538.9	542.7	530.8	.	510.6
Turkey	251	249	9.9	79.0	8.7	2.5	0.0	0.0	0.7	470.7	488.8	460.4	444.2	.	.	476.6
United Arab Emirates	840	763	8.4	86.6	4.3	0.8	6.0	0.0	2.4	488.5	454.2	404.9	382.7	417.4	.	414.6
United States	492	417	13.6	66.2	18.7	1.5	12.7	0.0	3.1	556.2	545.8	537.2	514.1	547.0	.	561.9
International Avg (n=46)	13512	12417	13.6	67.9	17.0	1.5	4.1	0.0	1.8	498.2	506.6	502.0	490.9	501.0	.	499.7
Buenos Aires, Argentina	291	120	23.3	63.5	13.2	0.0	53.6	0.0	5.4	427.8	417.6	404.1	.	416.5	.	428.4
Ontario, Canada	275	239	43.5	31.0	22.3	3.1	6.6	0.0	6.7	532.4	527.3	535.0	516.6	516.8	.	536.5
Quebec, Canada	151	139	12.3	57.9	28.4	1.4	5.4	0.0	3.6	515.3	524.6	527.2	471.1	534.3	.	537.0
Norway (4)	223	190	4.2	69.3	26.5	0.0	9.9	0.0	3.9	489.9	492.8	493.2	.	491.1	.	501.9
Abu Dhabi, UAE	212	182	10.9	82.6	5.8	0.7	9.4	0.0	2.0	479.2	412.4	375.0	427.7	400.6	.	348.4
Dubai, UAE	290	274	10.4	85.4	3.7	0.5	2.5	0.0	1.1	510.7	522.1	481.0	397.4	498.1	.	485.5
Florida, US	120	90	8.4	65.2	26.4	0.0	20.6	0.0	2.9	556.0	553.2	543.8	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Understanding that weather can change from day to day, from season to season, and by geographic location  
 Location: TQS-10Cc (ATBS10CC)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	422	23.1	46.2	27.5	3.2	5.7	0.0	3.2	526.7	522.8	530.2	503.3	510.2	.	506.2
Bahrain	345	338	38.3	48.6	12.6	0.5	1.9	0.0	0.8	456.1	460.1	466.0	403.2	420.5	.	523.8
Belgium (Flemish)	295	288	17.6	60.2	21.6	0.6	1.2	0.0	0.5	507.5	510.3	518.3	525.1	500.5	.	518.4
Bulgaria	233	230	11.1	81.8	6.6	0.5	0.0	0.0	1.2	545.8	536.7	498.0	587.9	.	.	554.9
Canada	699	627	38.5	42.9	15.9	2.7	5.8	0.0	4.9	522.5	525.2	528.2	515.7	523.4	.	533.6
Chile	180	162	16.9	65.4	17.7	0.0	6.9	0.0	1.0	484.3	478.1	474.2	.	473.8	.	436.4
Chinese Taipei	178	178	42.7	39.0	16.9	1.4	0.0	0.0	0.0	553.7	556.9	555.1	562.6	.	.	.
Croatia	223	218	8.7	82.6	7.3	1.4	1.5	0.0	0.8	536.5	533.6	528.0	531.7	531.0	.	538.7
Cyprus	242	231	35.7	48.8	13.9	1.6	1.1	0.0	3.1	483.3	481.5	471.4	465.0	494.5	.	501.1
Czech Republic	265	262	5.3	82.5	11.8	0.4	0.8	0.0	0.7	540.4	534.0	535.2	574.8	542.1	.	486.5
Denmark	196	165	10.4	67.9	19.9	1.8	12.8	0.0	1.2	533.5	528.2	517.3	519.6	529.9	.	538.3
England	214	175	25.2	46.5	27.4	0.9	15.0	0.0	0.7	547.2	538.4	530.2	511.9	522.3	.	543.2
Finland	341	327	8.6	68.1	22.3	1.0	4.3	0.0	0.2	550.6	555.5	549.0	550.7	557.2	.	589.0
France	273	260	21.2	22.5	43.2	13.2	4.0	0.0	0.9	487.1	492.0	485.8	489.6	471.5	.	497.6
Georgia	188	183	8.3	78.3	13.3	0.1	0.7	0.0	2.3	440.8	453.6	442.7	462.4	438.4	.	461.6
Germany	226	195	13.0	51.6	32.3	3.1	10.8	0.0	2.2	537.7	528.6	523.5	523.0	534.0	.	521.4
Hong Kong SAR	148	143	30.8	38.8	29.1	1.3	1.1	0.0	2.1	562.2	554.1	552.9	519.5	549.3	.	595.9
Hungary	244	235	8.2	67.2	24.6	0.0	1.1	0.0	2.6	556.4	545.7	530.0	.	588.9	.	494.9
Indonesia	293	291	17.0	39.7	38.6	4.7	0.0	0.0	0.5	408.0	394.5	400.2	335.4	.	.	480.0
Iran, Islamic Rep. of	291	281	26.7	52.7	17.9	2.6	0.0	0.0	3.3	417.0	419.0	427.2	449.1	.	.	429.2
Ireland	214	214	0.0	76.3	22.7	1.0	0.0	0.0	0.0	.	527.7	533.2	520.5	.	.	.
Italy	257	239	15.0	42.8	40.8	1.5	4.6	0.0	1.8	522.1	518.8	512.6	509.9	520.4	.	496.7
Japan	157	154	39.7	17.9	39.8	2.6	0.3	0.0	1.1	567.9	569.9	571.3	554.4	545.1	.	554.6
Kazakhstan	239	206	4.2	88.8	7.0	0.0	0.5	0.0	12.3	560.3	552.1	556.5	.	529.8	.	527.3
Korea, Rep. of	182	181	53.3	34.2	9.8	2.7	0.6	0.0	0.0	593.3	584.5	586.2	581.9	594.1	.	.
Kuwait	294	273	18.5	73.4	7.3	0.8	7.6	0.0	2.2	347.9	334.3	344.1	461.5	323.0	.	334.4
Lithuania	291	280	5.6	77.7	16.7	0.0	1.1	0.0	1.1	526.5	526.5	538.9	.	492.7	.	485.7
Morocco	367	314	56.9	31.7	8.7	2.7	5.9	0.0	8.4	356.5	345.8	358.8	316.2	336.8	.	363.1
Netherlands	223	165	6.5	71.6	16.5	5.4	21.8	0.0	1.8	534.4	514.8	529.3	500.6	515.4	.	512.9
New Zealand	461	441	5.1	52.5	37.1	5.3	2.2	0.0	1.2	530.9	513.0	499.1	467.5	483.8	.	478.8
Northern Ireland	154	131	15.0	54.4	27.5	3.1	17.4	0.0	0.0	523.9	517.8	525.0	521.1	514.8	.	.
Norway	227	188	5.9	73.7	18.1	2.3	11.9	0.0	5.3	531.8	537.1	548.7	552.6	527.0	.	535.5
Oman	357	338	42.7	45.9	9.9	1.5	0.6	0.0	3.3	428.8	432.9	429.9	471.6	399.2	.	422.0
Poland	254	253	43.3	53.9	2.8	0.0	0.0	0.0	0.4	546.0	548.4	547.0	.	.	.	518.5
Portugal	322	305	3.5	76.3	18.5	1.7	5.1	0.0	0.6	527.8	507.3	510.7	498.9	502.5	.	489.3
Qatar	227	218	29.2	60.3	9.7	0.8	0.0	0.0	3.3	423.2	444.1	420.1	421.2	.	.	459.4
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	15.2	62.7	19.9	2.3	0.5	0.0	2.9	390.9	391.5	388.0	362.8	351.8	.	405.3
Serbia	192	189	15.7	72.9	9.9	1.5	0.0	0.0	2.0	499.0	529.4	533.9	511.0	.	.	510.5
Singapore	358	350	64.5	16.1	13.7	5.7	1.5	0.0	1.0	589.3	591.4	593.0	606.2	598.2	.	521.0
Slovak Republic	328	325	6.6	80.0	12.8	0.6	0.7	0.0	0.5	504.1	521.3	521.2	527.5	567.2	.	516.9
Slovenia	256	238	29.1	51.3	18.2	1.4	5.4	0.0	1.5	539.4	543.5	546.7	552.1	533.3	.	547.9
Spain	393	368	3.7	80.7	15.0	0.5	4.1	0.0	0.6	513.8	519.0	513.7	540.6	519.3	.	522.3
Sweden	212	202	11.1	57.9	30.3	0.7	3.2	0.0	2.2	550.4	536.7	546.4	542.7	530.8	.	511.2
Turkey	251	249	10.2	75.1	13.0	1.7	0.0	0.0	0.7	467.3	487.7	475.6	452.0	.	.	476.6
United Arab Emirates	840	761	20.8	69.3	8.2	1.7	5.9	0.0	2.8	457.5	456.2	431.1	457.4	417.9	.	416.9
United States	492	418	16.1	64.7	17.9	1.2	12.7	0.0	2.9	562.2	543.9	535.2	520.7	547.0	.	567.3
International Avg (n=46)	13512	12393	20.5	58.5	19.0	2.0	4.1	0.0	2.0	506.5	505.3	503.5	499.5	501.0	.	498.2
Buenos Aires, Argentina	291	120	27.8	58.5	13.7	0.0	53.6	0.0	5.1	431.1	414.2	423.0	.	416.5	.	413.4
Ontario, Canada	275	238	46.5	39.0	12.0	2.5	6.6	0.0	7.0	530.3	531.9	534.2	510.7	516.8	.	536.5
Quebec, Canada	151	137	9.4	58.2	27.7	4.8	5.4	0.0	4.8	519.9	524.1	523.7	526.8	534.3	.	528.0
Norway (4)	223	190	7.6	68.8	23.6	0.0	9.9	0.0	3.9	488.9	493.8	491.3	.	491.1	.	501.9
Abu Dhabi, UAE	212	182	16.8	73.2	7.2	2.7	9.4	0.0	2.0	471.1	403.9	418.6	462.7	400.6	.	339.7
Dubai, UAE	290	275	19.2	71.2	9.2	0.5	2.2	0.0	1.0	500.6	529.6	469.6	397.4	512.5	.	533.0
Florida, US	120	90	10.4	68.5	21.1	0.0	20.6	0.0	2.9	553.8	553.9	540.0	.	542.1	.	531.0



Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Understanding what fossils are and what they can tell us about past conditions on Earth  
 Location: TQS-10CD (ATBS10CD)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	26.4	29.3	34.9	9.3	5.7	0.0	3.5	523.2	522.2	528.4	527.0	510.2	.	507.8
Bahrain	345	336	19.4	69.7	9.7	1.2	1.9	0.0	1.3	452.8	462.2	456.1	421.2	420.5	.	479.7
Belgium (Flemish)	295	287	46.7	25.9	23.7	3.8	1.2	0.0	0.7	509.0	510.6	521.0	492.3	500.5	.	513.4
Bulgaria	233	229	45.2	16.0	29.7	9.1	0.0	0.0	0.7	535.1	542.0	533.5	533.1	.	.	558.1
Canada	699	630	14.7	46.4	31.8	7.1	5.8	0.0	4.4	525.0	522.5	526.6	524.2	523.4	.	536.6
Chile	180	160	17.7	46.2	32.8	3.2	6.9	0.0	2.7	490.5	473.9	480.9	487.0	473.8	.	425.5
Chinese Taipei	178	178	73.2	9.4	12.2	5.3	0.0	0.0	0.0	555.2	558.8	557.1	546.5	.	.	.
Croatia	223	218	54.2	26.6	17.1	2.2	1.5	0.0	0.8	531.6	536.5	533.2	545.0	531.0	.	538.7
Cyprus	242	232	48.9	23.4	21.0	6.8	1.1	0.0	2.6	481.1	482.9	472.9	488.5	494.5	.	510.9
Czech Republic	265	262	12.1	65.5	21.5	0.9	0.8	0.0	0.7	524.4	536.2	535.1	548.1	542.1	.	486.5
Denmark	196	165	12.7	48.2	30.7	8.4	12.8	0.0	1.2	527.6	528.4	524.7	519.7	529.9	.	538.3
England	214	175	31.4	30.3	32.7	5.6	15.0	0.0	0.7	540.6	541.0	534.8	528.9	522.3	.	543.2
Finland	341	326	24.1	46.1	27.6	2.2	4.3	0.0	0.5	550.1	556.9	550.0	564.6	557.2	.	574.9
France	273	260	31.8	11.5	32.5	24.2	4.0	0.0	0.7	488.1	483.0	490.6	487.3	471.5	.	479.9
Georgia	188	184	38.2	40.0	20.2	1.6	0.7	0.0	2.3	454.9	453.8	442.0	443.3	438.4	.	437.6
Germany	226	196	29.8	22.4	36.5	11.3	10.8	0.0	1.7	529.5	522.2	528.3	533.4	534.0	.	524.8
Hong Kong SAR	148	143	51.3	15.7	26.8	6.2	1.1	0.0	2.1	556.6	555.5	550.1	574.2	549.3	.	595.9
Hungary	244	235	60.8	11.1	22.4	5.6	1.1	0.0	2.6	549.0	542.9	526.5	540.0	588.9	.	494.9
Indonesia	293	291	24.2	28.8	39.6	7.4	0.0	0.0	0.5	386.1	412.6	397.3	365.0	.	.	408.3
Iran, Islamic Rep. of	291	276	48.6	31.0	16.1	4.2	0.0	0.0	5.3	421.8	427.2	393.5	445.4	.	.	441.0
Ireland	214	214	6.4	41.9	40.8	11.0	0.0	0.0	0.0	520.2	531.0	530.0	521.3	.	.	.
Italy	257	239	24.0	35.1	38.9	2.0	4.6	0.0	1.9	515.8	515.8	517.9	507.8	520.4	.	508.5
Japan	157	153	75.8	3.9	12.6	7.7	0.3	0.0	1.9	569.9	569.5	568.1	566.9	545.1	.	551.4
Kazakhstan	239	206	13.2	59.4	26.0	1.4	0.5	0.0	12.3	552.8	558.1	541.7	533.9	529.8	.	527.3
Korea, Rep. of	182	181	18.6	60.9	18.2	2.2	0.6	0.0	0.0	586.8	589.9	591.4	576.0	594.1	.	.
Kuwait	294	273	16.2	71.6	10.5	1.7	7.6	0.0	2.2	363.7	332.9	320.3	446.9	323.0	.	334.4
Lithuania	291	281	19.1	47.5	32.0	1.4	1.1	0.0	0.7	523.8	526.5	534.1	532.6	492.7	.	463.9
Morocco	367	314	71.6	12.6	11.0	4.7	5.9	0.0	9.0	351.0	358.9	359.2	345.9	336.8	.	358.2
Netherlands	223	166	22.1	35.8	27.8	14.4	21.8	0.0	1.3	519.9	515.4	522.2	509.9	515.4	.	522.5
New Zealand	461	441	7.3	31.3	52.0	9.4	2.2	0.0	1.4	531.0	512.4	503.7	481.8	483.8	.	480.0
Northern Ireland	154	131	26.5	27.9	30.9	14.8	17.4	0.0	0.0	524.6	522.9	515.2	522.0	514.8	.	.
Norway	227	188	4.8	62.4	28.6	4.3	11.9	0.0	5.3	534.7	539.4	539.1	543.8	527.0	.	535.5
Oman	357	337	23.4	65.4	9.6	1.6	0.6	0.0	3.5	420.0	435.4	434.7	409.4	399.2	.	426.9
Poland	254	253	81.1	14.1	4.7	0.0	0.0	0.0	0.4	547.8	545.8	544.0	.	.	.	518.5
Portugal	322	306	14.9	49.7	33.0	2.3	5.1	0.0	0.5	514.6	507.5	507.8	497.5	502.5	.	495.9
Qatar	227	217	54.5	34.8	7.5	3.3	0.0	0.0	3.7	431.6	442.3	437.8	420.0	.	.	457.6
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	23.2	55.0	19.5	2.2	0.5	0.0	1.9	379.8	395.0	389.5	398.0	351.8	.	392.1
Serbia	192	190	32.6	43.1	20.0	4.2	0.0	0.0	1.2	517.7	528.9	525.0	528.7	.	.	527.7
Singapore	358	351	65.9	9.5	16.3	8.3	1.5	0.0	0.7	588.7	575.5	601.3	603.8	598.2	.	534.6
Slovak Republic	328	324	23.7	48.9	26.0	1.5	0.7	0.0	0.8	516.6	522.5	519.0	531.1	567.2	.	498.2
Slovenia	256	239	38.7	26.3	29.5	5.5	5.4	0.0	1.0	540.9	541.8	545.8	549.4	533.3	.	546.6
Spain	393	368	16.7	50.3	29.7	3.4	4.1	0.0	1.0	520.1	518.1	516.8	524.7	519.3	.	504.9
Sweden	212	202	22.8	43.4	30.7	3.2	3.2	0.0	1.5	538.0	540.5	544.6	534.9	530.8	.	508.3
Turkey	251	249	34.4	41.8	20.7	3.1	0.0	0.0	0.7	489.6	477.3	488.4	465.2	.	.	476.6
United Arab Emirates	840	761	32.6	57.4	6.7	3.3	6.0	0.0	3.5	478.6	443.8	427.6	442.9	417.4	.	437.1
United States	492	418	20.0	52.6	24.4	3.1	12.7	0.0	2.9	557.7	543.5	540.0	526.8	547.0	.	567.3
International Avg (n=46)	13512	12392	32.6	37.5	24.5	5.3	4.1	0.0	2.0	505.8	505.7	503.2	503.0	501.0	.	494.5
Buenos Aires, Argentina	291	121	35.4	43.2	17.0	4.3	53.6	0.0	4.8	428.7	422.1	399.5	403.7	416.5	.	415.8
Ontario, Canada	275	239	9.9	52.2	34.2	3.7	6.6	0.0	6.7	534.5	531.7	529.4	525.1	516.8	.	536.5
Quebec, Canada	151	139	19.3	29.9	34.5	16.3	5.4	0.0	3.6	520.6	514.4	531.9	525.6	534.3	.	537.0
Norway (4)	223	190	3.6	59.3	36.1	1.0	9.9	0.0	3.9	480.8	493.8	492.5	492.3	491.1	.	501.9
Abu Dhabi, UAE	212	183	30.1	55.6	10.3	4.0	9.4	0.0	1.3	453.8	399.7	397.4	456.0	400.6	.	290.1
Dubai, UAE	290	273	35.9	55.1	6.5	2.4	2.5	0.0	1.3	526.0	517.3	507.2	468.9	498.1	.	507.2
Florida, US	120	90	16.9	51.1	32.0	0.0	20.6	0.0	2.9	547.5	555.8	545.1	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Understanding Earth Science Objects in the solar system and their movements  
 Location: TQS-10Ce (ATBS10CE)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	424	22.8	45.1	31.0	1.0	5.7	0.0	3.1	524.0	523.7	527.9	518.4	510.2	.	506.9
Bahrain	345	338	10.8	87.4	1.6	0.1	1.9	0.0	0.8	444.1	461.1	445.9	466.3	420.5	.	523.8
Belgium (Flemish)	295	288	22.9	53.8	21.2	2.1	1.2	0.0	0.5	505.0	511.7	519.7	500.7	500.5	.	518.4
Bulgaria	233	231	0.0	89.1	10.9	0.0	0.0	0.0	0.4	.	535.7	534.7	.	.	.	567.9
Canada	699	631	44.5	31.2	21.3	3.0	5.8	0.0	4.3	526.2	523.0	522.0	526.3	523.4	.	536.4
Chile	180	162	10.7	79.4	9.2	0.7	6.9	0.0	1.0	482.5	479.1	467.8	488.5	473.8	.	436.4
Chinese Taipei	178	177	38.9	43.7	15.6	1.9	0.0	0.0	0.6	553.2	558.6	553.8	537.4	.	.	542.2
Croatia	223	218	46.7	37.1	12.9	3.4	1.5	0.0	0.8	536.0	529.9	532.5	541.3	531.0	.	538.7
Cyprus	242	234	5.7	69.9	20.7	3.6	1.1	0.0	2.2	465.8	481.9	477.1	490.9	494.5	.	518.9
Czech Republic	265	262	13.6	75.0	11.1	0.3	0.8	0.0	0.7	539.0	533.0	540.6	532.5	542.1	.	486.5
Denmark	196	165	11.0	66.6	17.0	5.4	12.8	0.0	1.2	533.2	526.8	524.2	515.3	529.9	.	538.3
England	214	175	7.4	69.8	21.4	1.4	15.0	0.0	0.7	526.3	544.5	524.9	488.5	522.3	.	543.2
Finland	341	327	17.2	60.3	22.1	0.3	4.3	0.0	0.2	551.1	555.8	549.4	556.2	557.2	.	589.0
France	273	261	8.6	33.2	46.8	11.5	4.0	0.0	0.6	493.9	490.7	487.3	477.9	471.5	.	515.3
Georgia	188	184	2.2	89.9	7.8	0.0	0.7	0.0	1.9	474.2	450.8	456.7	.	438.4	.	427.4
Germany	226	193	15.0	40.6	39.3	5.1	10.8	0.0	3.8	538.8	525.1	525.2	549.0	534.0	.	513.7
Hong Kong SAR	148	143	52.7	20.5	24.1	2.7	1.1	0.0	2.1	557.9	548.3	561.4	520.3	549.3	.	595.9
Hungary	244	235	4.0	66.8	28.9	0.3	1.1	0.0	2.6	539.3	545.8	536.3	534.4	588.9	.	494.9
Indonesia	293	292	22.4	36.7	36.2	4.7	0.0	0.0	0.2	404.5	393.2	398.8	363.3	.	.	535.7
Iran, Islamic Rep. of	291	282	1.8	83.9	13.7	0.5	0.0	0.0	3.2	445.6	422.6	404.3	450.6	.	.	431.4
Ireland	214	214	1.8	63.1	31.3	3.7	0.0	0.0	0.0	517.3	530.9	527.2	514.7	.	.	.
Italy	257	239	45.9	25.4	26.9	1.8	4.6	0.0	1.9	519.1	517.4	512.6	503.4	520.4	.	499.5
Japan	157	154	52.8	15.8	28.4	3.0	0.3	0.0	1.1	568.5	575.7	566.8	572.8	545.1	.	554.6
Kazakhstan	239	206	1.9	94.9	3.2	0.0	0.5	0.0	12.3	536.4	552.7	565.2	.	529.8	.	527.3
Korea, Rep. of	182	181	49.0	35.9	12.6	2.5	0.6	0.0	0.0	593.8	586.6	581.4	579.9	594.1	.	.
Kuwait	294	272	17.2	73.6	8.6	0.7	7.6	0.0	2.5	345.7	337.1	336.2	354.4	323.0	.	329.0
Lithuania	291	282	0.1	85.9	13.7	0.2	1.1	0.0	0.6	544.1	526.7	539.1	533.7	492.7	.	465.8
Morocco	367	315	69.2	20.5	7.5	2.8	5.9	0.0	7.9	351.1	364.8	342.2	306.8	336.8	.	366.0
Netherlands	223	165	11.6	48.7	29.5	10.2	21.8	0.0	1.8	523.8	517.6	519.8	503.7	515.4	.	520.2
New Zealand	461	442	4.0	52.8	38.6	4.5	2.2	0.0	1.1	533.0	512.1	502.1	453.9	483.8	.	466.4
Northern Ireland	154	131	23.4	41.6	26.6	8.4	17.4	0.0	0.0	522.5	519.7	519.4	526.4	514.8	.	.
Norway	227	188	6.1	68.4	21.9	3.6	11.9	0.0	5.3	534.4	539.1	539.6	547.4	527.0	.	535.5
Oman	357	339	45.4	42.5	10.2	1.9	0.6	0.0	3.1	426.5	436.9	424.3	452.8	399.2	.	429.4
Poland	254	251	86.5	11.7	1.8	0.0	0.0	0.0	1.0	547.0	549.5	539.6	.	.	.	554.1
Portugal	322	306	1.5	91.5	7.0	0.0	5.1	0.0	0.5	552.3	508.3	500.3	.	502.5	.	495.9
Qatar	227	219	10.9	84.3	2.5	2.3	0.0	0.0	3.3	441.8	437.4	385.4	388.7	.	.	460.1
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	2.5	84.6	11.1	1.9	0.5	0.0	1.9	408.8	393.4	366.1	378.4	351.8	.	392.1
Serbia	192	190	37.2	45.5	14.6	2.7	0.0	0.0	1.2	522.5	525.6	526.4	522.2	.	.	527.7
Singapore	358	351	63.6	14.0	16.2	6.1	1.5	0.0	0.7	589.2	580.6	604.2	594.2	598.2	.	534.6
Slovak Republic	328	324	1.7	91.3	6.9	0.0	0.7	0.0	0.9	476.5	521.1	521.8	.	567.2	.	496.2
Slovenia	256	239	8.0	55.7	33.7	2.6	5.4	0.0	1.0	535.9	543.4	544.2	543.7	533.3	.	546.6
Spain	393	370	9.4	75.5	15.1	0.0	4.1	0.0	0.5	514.9	517.0	526.0	505.0	519.3	.	519.0
Sweden	212	203	17.4	58.6	21.3	2.7	3.2	0.0	1.2	537.8	542.2	540.0	537.6	530.8	.	510.6
Turkey	251	249	9.9	76.5	11.9	1.7	0.0	0.0	0.7	471.0	486.4	479.5	452.0	.	.	476.6
United Arab Emirates	840	763	8.0	85.6	5.4	1.0	6.0	0.0	2.2	485.2	454.5	421.8	382.5	417.4	.	409.7
United States	492	417	20.4	55.0	22.9	1.8	12.7	0.0	3.1	555.2	543.5	540.1	544.2	547.0	.	561.9
International Avg (n=46)	13512	12416	21.0	58.2	18.3	2.5	4.1	0.0	1.9	506.6	505.7	501.3	493.9	501.0	.	500.9
Buenos Aires, Argentina	291	121	23.3	66.5	10.2	0.0	53.6	0.0	4.8	422.1	416.0	438.9	.	416.5	.	415.8
Ontario, Canada	275	239	53.7	24.8	18.7	2.9	6.6	0.0	6.7	534.6	529.7	524.5	513.9	516.8	.	536.5
Quebec, Canada	151	139	10.5	53.0	32.2	4.3	5.4	0.0	3.6	519.9	522.5	524.3	537.8	534.3	.	537.0
Norway (4)	223	190	1.2	67.2	31.2	0.4	9.9	0.0	3.9	492.1	492.9	492.7	496.7	491.1	.	501.9
Abu Dhabi, UAE	212	182	9.0	80.8	9.0	1.2	9.4	0.0	1.3	467.8	415.8	393.7	374.2	400.6	.	291.0
Dubai, UAE	290	274	12.3	82.8	3.9	1.0	2.5	0.0	1.1	505.3	523.9	469.1	456.6	498.1	.	485.5
Florida, US	120	90	8.6	61.3	30.2	0.0	20.6	0.0	2.9	531.1	561.1	535.9	.	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: How day and night result from Earth's rotation on its axis and how the Earth's rotation results in changing shadows  
 Location: TQS-10Cf (ATBS10CF)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	423	22.0	48.4	27.5	2.0	5.7	0.0	3.2	525.6	521.4	532.8	501.2	510.2	.	507.4
Bahrain	345	338	11.5	86.1	2.0	0.4	1.9	0.0	0.8	438.5	461.6	482.3	377.3	420.5	.	523.8
Belgium (Flemish)	295	287	20.1	61.1	17.2	1.6	1.2	0.0	0.8	509.0	512.5	512.1	504.4	500.5	.	513.1
Bulgaria	233	231	0.4	91.1	8.5	0.0	0.0	0.0	0.4	501.8	536.6	526.3	.	.	.	567.9
Canada	699	630	36.5	40.4	20.1	2.9	5.8	0.0	4.5	524.7	525.7	521.1	523.8	523.4	.	535.0
Chile	180	162	12.1	81.0	6.9	0.0	6.9	0.0	1.0	484.2	479.5	456.5	.	473.8	.	436.4
Chinese Taipei	178	178	40.1	44.8	14.1	1.0	0.0	0.0	0.0	555.9	555.6	551.2	573.0	.	.	.
Croatia	223	218	35.5	48.9	11.5	4.1	1.5	0.0	0.8	537.4	529.9	533.2	542.0	531.0	.	538.7
Cyprus	242	234	9.0	77.1	11.6	2.3	1.1	0.0	2.2	472.3	481.0	492.8	492.8	494.5	.	518.9
Czech Republic	265	262	10.5	76.9	12.3	0.3	0.8	0.0	0.7	537.6	533.6	539.0	522.3	542.1	.	486.5
Denmark	196	165	11.1	68.4	16.9	3.6	12.8	0.0	1.2	528.9	527.4	520.7	528.7	529.9	.	538.3
England	214	174	7.5	70.9	20.4	1.2	15.0	0.0	1.4	526.3	543.4	524.5	500.6	522.3	.	567.0
Finland	341	326	16.9	66.6	16.1	0.4	4.3	0.0	0.3	553.3	554.4	550.7	548.0	557.2	.	572.4
France	273	261	8.5	34.1	43.6	13.9	4.0	0.0	0.6	489.5	489.3	489.1	479.8	471.5	.	515.3
Georgia	188	183	7.4	80.7	11.9	0.1	0.7	0.0	2.2	456.5	451.2	446.2	462.4	438.4	.	465.1
Germany	226	195	12.1	48.2	33.6	6.1	10.8	0.0	2.6	535.0	528.5	525.5	531.3	534.0	.	506.2
Hong Kong SAR	148	143	53.2	25.2	20.1	1.4	1.1	0.0	2.1	556.3	558.6	553.9	512.5	549.3	.	595.9
Hungary	244	235	5.8	67.0	26.9	0.3	1.1	0.0	2.6	551.4	545.0	535.3	534.4	588.9	.	494.9
Indonesia	293	292	16.4	49.2	32.4	1.9	0.0	0.0	0.2	394.7	396.6	397.1	390.7	.	.	535.7
Iran, Islamic Rep. of	291	282	9.9	74.8	14.3	0.9	0.0	0.0	3.2	407.2	427.8	394.2	401.1	.	.	431.4
Ireland	214	214	2.5	64.7	28.3	4.5	0.0	0.0	0.0	532.7	527.5	532.7	522.9	.	.	.
Italy	257	240	42.7	27.1	29.3	0.8	4.6	0.0	1.5	519.3	517.2	513.6	469.1	520.4	.	495.1
Japan	157	153	67.0	10.9	17.4	4.8	0.3	0.0	1.8	569.6	570.4	565.6	577.6	545.1	.	555.5
Kazakhstan	239	206	4.1	93.2	2.7	0.0	0.5	0.0	12.3	518.0	554.7	540.4	.	529.8	.	527.3
Korea, Rep. of	182	181	59.7	28.8	9.2	2.4	0.6	0.0	0.0	593.3	582.8	587.3	574.8	594.1	.	.
Kuwait	294	273	19.3	74.4	6.0	0.3	7.6	0.0	2.2	344.0	338.0	320.9	448.9	323.0	.	334.4
Lithuania	291	282	0.1	90.3	9.5	0.1	1.1	0.0	0.6	544.1	528.5	527.5	544.4	492.7	.	465.8
Morocco	367	315	66.4	22.1	7.3	4.2	5.9	0.0	7.9	349.1	359.6	369.2	327.4	336.8	.	366.0
Netherlands	223	164	10.2	60.8	20.6	8.4	21.8	0.0	2.6	521.7	518.7	517.1	500.3	515.4	.	530.9
New Zealand	461	442	5.1	49.9	39.8	5.2	2.2	0.0	1.1	533.3	513.0	500.2	464.4	483.8	.	466.4
Northern Ireland	154	131	22.0	39.0	28.7	10.4	17.4	0.0	0.0	520.2	520.8	518.6	528.3	514.8	.	.
Norway	227	188	6.1	71.6	19.9	2.3	11.9	0.0	5.3	534.4	538.4	542.5	550.2	527.0	.	535.5
Oman	357	339	42.6	45.8	8.7	2.9	0.6	0.0	3.1	427.3	435.8	416.4	459.6	399.2	.	429.4
Poland	254	251	59.2	39.5	1.3	0.0	0.0	0.0	1.0	547.1	547.2	545.6	.	.	.	554.1
Portugal	322	306	1.5	91.1	7.4	0.0	5.1	0.0	0.5	552.3	508.2	501.7	.	502.5	.	495.9
Qatar	227	218	5.4	90.8	1.3	2.4	0.0	0.0	3.8	427.3	436.5	400.2	402.4	.	.	476.2
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	184	1.6	84.8	11.8	1.9	0.5	0.0	1.9	440.0	392.2	373.4	378.4	351.8	.	392.1
Serbia	192	190	22.4	65.6	10.5	1.5	0.0	0.0	1.2	525.7	524.5	523.4	511.0	.	.	527.7
Singapore	358	350	61.1	18.6	15.0	5.2	1.5	0.0	0.9	587.4	588.2	602.3	606.3	598.2	.	542.6
Slovak Republic	328	324	1.7	90.3	8.0	0.0	0.7	0.0	0.8	477.4	521.1	520.7	.	567.2	.	498.2
Slovenia	256	239	1.3	79.1	19.2	0.4	5.4	0.0	1.0	540.0	543.0	543.5	549.3	533.3	.	546.6
Spain	393	370	10.3	75.9	13.8	0.0	4.1	0.0	0.5	515.2	516.8	527.6	505.0	519.3	.	519.0
Sweden	212	203	15.4	68.7	11.4	4.6	3.2	0.0	1.2	539.8	542.8	538.1	522.8	530.8	.	510.6
Turkey	251	249	7.4	84.2	6.7	1.8	0.0	0.0	0.7	471.5	485.4	476.0	467.3	.	.	476.6
United Arab Emirates	840	764	10.4	84.2	4.5	0.9	6.0	0.0	2.2	477.9	454.6	407.4	400.6	417.4	.	410.2
United States	492	417	18.3	57.5	22.3	1.9	12.7	0.0	3.1	553.3	545.8	538.0	528.8	547.0	.	561.9
International Avg (n=46)	13512	12412	19.8	62.0	15.8	2.4	4.1	0.0	1.9	505.4	505.9	500.5	494.1	501.0	.	501.6
Buenos Aires, Argentina	291	121	29.4	63.5	7.1	0.0	53.6	0.0	4.8	420.5	419.3	421.3	.	416.5	.	415.8
Ontario, Canada	275	239	46.4	32.2	19.2	2.1	6.6	0.0	6.7	531.5	533.3	528.9	501.4	516.8	.	536.5
Quebec, Canada	151	139	10.3	55.6	28.6	5.5	5.4	0.0	3.6	523.1	525.3	518.0	533.9	534.3	.	537.0
Norway (4)	223	190	5.1	68.7	25.7	0.4	9.9	0.0	3.9	485.2	492.2	496.4	467.6	491.1	.	501.9
Abu Dhabi, UAE	212	183	9.1	83.1	7.0	0.8	9.4	0.0	1.3	492.2	415.0	356.6	425.7	400.6	.	290.1
Dubai, UAE	290	274	13.8	82.4	2.8	1.0	2.5	0.0	1.1	504.3	522.8	495.8	456.0	498.1	.	485.5
Florida, US	120	90	6.9	60.6	31.2	1.3	20.6	0.0	2.9	528.1	560.0	540.0	514.5	542.1	.	531.0

Question: How well prepared do you feel you are to teach the following science topics? Earth Science: Understanding how seasons are related to the Earth's annual movement around the Sun  
Location: TQS-10Cg (ATBS10CG)

Country	Sample	Valid N	1.Not applic able %	2.Very well prepar ed %	3.Some what prepar ed %	4.Not well prepar ed %	Not Admini stered %	Not Applic able %	Omitte d %	1.Not applic able Mean	2.Very well prepar ed Mean	3.Some what prepar ed Mean	4.Not well prepar ed Mean	Not Admini stered Mean	Not Applic able Mean	Omitte d Mean
Australia	484	424	20.6	46.7	29.2	3.5	5.7	0.0	3.1	525.0	521.9	533.8	493.1	510.2	.	506.9
Bahrain	345	338	11.8	83.8	3.8	0.6	1.9	0.0	0.8	439.3	460.9	493.9	364.5	420.5	.	523.8
Belgium (Flemish)	295	288	23.3	58.6	16.2	2.0	1.2	0.0	0.5	509.3	511.2	516.8	507.3	500.5	.	518.4
Bulgaria	233	231	0.0	95.4	4.6	0.0	0.0	0.0	0.4	.	535.7	533.1	.	.	.	567.9
Canada	699	631	39.7	39.6	18.2	2.6	5.8	0.0	4.3	526.3	524.7	520.6	514.8	523.4	.	536.4
Chile	180	162	12.1	80.1	7.8	0.0	6.9	0.0	1.0	484.2	479.1	463.1	.	473.8	.	436.4
Chinese Taipei	178	178	49.1	33.2	16.0	1.7	0.0	0.0	0.0	555.7	554.3	555.0	564.7	.	.	.
Croatia	223	218	27.5	57.7	10.8	4.0	1.5	0.0	0.8	537.3	530.2	537.1	543.6	531.0	.	538.7
Cyprus	242	234	10.8	74.4	12.2	2.7	1.1	0.0	2.2	471.9	482.1	474.9	487.7	494.5	.	518.9
Czech Republic	265	261	8.8	80.8	10.3	0.0	0.8	0.0	1.2	537.1	533.7	540.9	.	542.1	.	498.5
Denmark	196	164	10.5	71.8	14.5	3.3	12.8	0.0	1.6	531.0	526.8	518.7	538.5	529.9	.	534.0
England	214	175	8.5	65.8	24.5	1.2	15.0	0.0	0.7	529.4	544.1	527.1	500.6	522.3	.	543.2
Finland	341	327	16.5	68.5	14.7	0.2	4.3	0.0	0.2	553.3	554.6	548.7	573.8	557.2	.	589.0
France	273	261	9.4	31.6	44.6	14.3	4.0	0.0	0.6	487.2	488.6	489.0	483.4	471.5	.	515.3
Georgia	188	184	14.0	74.5	11.4	0.1	0.7	0.0	2.0	445.9	453.5	441.2	462.4	438.4	.	465.5
Germany	226	196	11.7	47.3	36.4	4.6	10.8	0.0	2.1	539.1	526.8	525.6	542.4	534.0	.	498.4
Hong Kong SAR	148	143	51.0	22.1	25.6	1.3	1.1	0.0	2.1	555.5	549.9	563.6	513.8	549.3	.	595.9
Hungary	244	233	4.9	68.4	26.7	0.0	1.1	0.0	3.7	546.5	545.2	537.7	.	588.9	.	496.5
Indonesia	293	292	18.1	37.2	38.9	5.8	0.0	0.0	0.2	409.9	392.2	396.1	382.6	.	.	535.7
Iran, Islamic Rep. of	291	282	12.4	72.1	14.8	0.6	0.0	0.0	3.2	420.7	421.8	414.9	426.1	.	.	431.4
Ireland	214	213	3.5	66.6	26.7	3.2	0.0	0.0	0.5	531.2	528.8	529.3	522.7	.	.	546.6
Italy	257	240	41.1	28.9	29.2	0.8	4.6	0.0	1.5	519.4	517.2	512.9	490.4	520.4	.	495.1
Japan	157	153	63.7	11.5	20.2	4.7	0.3	0.0	1.8	570.0	571.2	566.1	569.7	545.1	.	555.5
Kazakhstan	239	206	2.5	93.3	3.8	0.3	0.5	0.0	12.3	559.7	552.9	547.5	529.8	529.8	.	527.3
Korea, Rep. of	182	181	63.5	25.1	8.3	3.1	0.6	0.0	0.0	592.3	584.5	584.7	578.6	594.1	.	.
Kuwait	294	273	16.7	74.8	7.7	0.9	7.6	0.0	2.2	345.3	337.6	332.8	333.3	323.0	.	334.4
Lithuania	291	282	0.3	90.0	9.5	0.2	1.1	0.0	0.6	505.8	528.5	528.6	543.7	492.7	.	465.8
Morocco	367	314	66.5	22.5	8.2	2.8	5.9	0.0	8.0	348.9	360.5	368.7	306.8	336.8	.	365.8
Netherlands	223	164	11.3	55.0	27.6	6.1	21.8	0.0	2.6	520.0	516.7	522.2	492.7	515.4	.	530.9
New Zealand	461	442	4.6	53.5	36.9	5.0	2.2	0.0	1.1	522.8	512.4	501.3	466.6	483.8	.	466.4
Northern Ireland	154	131	23.2	39.9	26.4	10.5	17.4	0.0	0.0	523.2	519.9	521.1	518.3	514.8	.	.
Norway	227	188	6.1	74.3	16.2	3.4	11.9	0.0	5.3	534.4	538.8	541.9	545.4	527.0	.	535.5
Oman	357	339	43.4	44.6	8.9	3.0	0.6	0.0	3.1	428.6	436.5	419.8	425.2	399.2	.	429.4
Poland	254	251	64.4	34.3	1.3	0.0	0.0	0.0	1.0	548.0	545.6	545.6	.	.	.	554.1
Portugal	322	306	1.5	92.1	6.4	0.0	5.1	0.0	0.5	552.3	508.1	502.2	.	502.5	.	495.9
Qatar	227	218	15.1	78.5	4.7	1.6	0.0	0.0	3.3	445.8	435.6	423.0	368.3	.	.	459.4
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	183	2.1	83.4	11.6	2.9	0.5	0.0	2.4	403.2	392.4	379.6	369.6	351.8	.	392.7
Serbia	192	190	30.8	57.0	10.7	1.5	0.0	0.0	1.2	521.0	524.6	535.4	511.0	.	.	527.7
Singapore	358	351	65.1	14.8	13.7	6.4	1.5	0.0	0.7	589.4	591.1	587.6	610.5	598.2	.	534.6
Slovak Republic	328	325	4.4	87.6	7.9	0.0	0.7	0.0	0.5	496.6	520.7	527.6	.	567.2	.	516.9
Slovenia	256	238	2.8	74.3	22.2	0.7	5.4	0.0	1.4	567.1	542.1	542.9	552.8	533.3	.	544.1
Spain	393	369	10.2	74.2	15.5	0.0	4.1	0.0	0.5	513.9	517.0	526.2	505.0	519.3	.	521.9
Sweden	212	203	16.4	67.0	13.4	3.2	3.2	0.0	1.2	541.7	541.6	540.2	524.1	530.8	.	510.6
Turkey	251	249	7.2	84.6	6.7	1.5	0.0	0.0	0.7	463.1	485.5	486.6	450.5	.	.	476.6
United Arab Emirates	840	763	10.8	81.8	6.1	1.2	6.0	0.0	2.3	476.8	452.8	442.5	413.8	417.4	.	418.0
United States	492	418	18.2	58.4	21.6	1.7	12.7	0.0	2.9	553.5	545.0	540.7	506.6	547.0	.	567.3
International Avg (n=46)	13512	12412	20.8	60.4	16.4	2.5	4.1	0.0	1.9	506.2	505.3	504.1	488.1	501.0	.	502.9
Buenos Aires, Argentina	291	121	27.8	64.6	7.6	0.0	53.6	0.0	4.8	422.1	419.0	417.8	.	416.5	.	415.8
Ontario, Canada	275	239	47.5	34.9	15.9	1.7	6.6	0.0	6.7	534.3	529.8	527.9	487.6	516.8	.	536.5
Quebec, Canada	151	139	9.7	56.9	27.6	5.7	5.4	0.0	3.6	525.6	525.0	519.9	521.6	534.3	.	537.0
Norway (4)	223	190	6.7	67.3	25.6	0.4	9.9	0.0	3.9	486.8	492.5	495.7	467.6	491.1	.	501.9
Abu Dhabi, UAE	212	183	8.4	80.7	9.2	1.7	9.4	0.0	1.3	490.1	412.7	396.7	428.3	400.6	.	290.1
Dubai, UAE	290	273	15.2	79.7	4.4	0.7	2.5	0.0	1.4	498.5	523.6	500.5	489.8	498.1	.	509.9
Florida, US	120	90	7.3	66.0	25.4	1.3	20.6	0.0	2.9	529.3	557.7	541.6	514.5	542.1	.	531.0

Question: Teachers Majored in Prim/Elem Education and Science  
Location: Derived (ATDS05)

Country	Sample	Valid N	1. Primar y ed and scienc e %	2. Primar y ed but not scienc e %	3. Scienc e but not primar y ed %	4. All other majors %	5. No formal ed beyond upper- sec- %	Missin g %	Not admini stered %	Not applic able %
Australia	484	431	16.3	76.6	0.4	6.7	0.0	7.9	0.0	0.0
Bahrain	345	330	23.8	4.5	68.0	3.7	0.0	4.1	0.0	0.0
Belgium (Flemish)	295	2	100.0	0.0	0.0	0.0	0.0	99.1	0.0	0.0
Bulgaria	233	185	21.8	66.6	9.1	2.4	0.0	19.3	0.0	0.0
Canada	699	623	10.5	74.0	3.5	12.0	0.0	11.5	0.0	0.0
Chile	180	126	29.3	65.8	1.9	2.7	0.3	31.1	0.0	0.0
Chinese Taipei	178	171	26.3	43.7	11.1	18.9	0.0	3.9	0.0	0.0
Croatia	223	0	.	.	.	.	.	.	.	.
Cyprus	242	232	25.3	69.4	1.9	3.4	0.0	3.5	0.0	0.0
Czech Republic	265	259	3.8	67.6	10.3	12.3	6.0	1.6	0.0	0.0
Denmark	196	135	15.6	26.4	27.9	24.1	6.0	27.6	0.0	0.0
England	214	181	16.9	51.9	10.4	20.9	0.0	12.4	0.0	0.0
Finland	341	326	11.9	81.4	0.5	5.5	0.7	4.7	0.0	0.0
France	273	194	12.7	23.7	31.8	26.5	5.3	28.3	0.0	0.0
Georgia	188	172	57.2	10.9	22.6	8.9	0.4	7.7	0.0	0.0
Germany	226	190	52.6	39.8	5.0	2.6	0.0	16.5	0.0	0.0
Hong Kong SAR	148	134	25.2	50.4	9.2	15.3	0.0	9.4	0.0	0.0
Hungary	244	181	6.8	92.7	0.5	0.0	0.0	24.6	0.0	0.0
Indonesia	293	260	28.2	39.6	3.9	19.7	8.6	12.7	0.0	0.0
Iran, Islamic Rep. of	291	266	13.0	43.8	3.6	30.1	9.5	8.0	0.0	0.0
Ireland	214	197	5.3	86.2	3.4	4.2	0.9	8.9	0.0	0.0
Italy	257	210	1.4	10.4	2.7	16.3	69.3	16.2	0.0	0.0
Japan	157	143	19.8	70.4	2.2	7.5	0.0	8.0	0.0	0.0
Kazakhstan	239	221	45.9	41.0	0.8	4.0	8.3	7.5	0.0	0.0
Korea, Rep. of	182	181	18.7	78.3	0.7	2.4	0.0	0.6	0.0	0.0
Kuwait	294	265	39.8	3.1	46.2	8.4	2.4	12.8	0.0	0.0
Lithuania	291	269	16.6	80.5	1.7	1.2	0.0	7.1	0.0	0.0
Morocco	367	307	2.1	4.0	13.6	17.0	63.3	17.4	0.0	0.0
Netherlands	223	16	79.7	0.0	0.0	0.0	20.3	93.6	0.0	0.0
New Zealand	461	434	12.8	80.9	2.0	4.2	0.0	4.5	0.0	0.0
Northern Ireland	154	124	9.1	71.1	3.4	14.7	1.7	20.9	0.0	0.0
Norway	227	197	42.6	42.4	7.9	6.5	0.7	11.9	0.0	0.0
Oman	357	334	58.2	6.5	27.4	7.8	0.2	5.7	0.0	0.0
Poland	254	173	6.4	0.0	93.6	0.0	0.0	31.6	0.0	0.0
Portugal	322	290	28.3	70.2	0.0	1.5	0.0	10.6	0.0	0.0
Qatar	227	211	12.0	13.7	63.0	8.2	3.2	9.6	0.0	0.0
Russian Federation	217	202	41.5	54.5	3.4	0.6	0.0	7.4	0.0	0.0
Saudi Arabia	189	183	28.5	2.0	60.1	0.3	9.0	3.5	0.0	0.0
Serbia	192	164	23.4	72.2	0.4	3.0	1.0	15.4	0.0	0.0
Singapore	358	347	54.3	16.9	15.1	11.9	1.8	3.2	0.0	0.0
Slovak Republic	328	317	20.4	68.6	4.3	5.4	1.3	3.8	0.0	0.0
Slovenia	256	237	6.7	93.0	0.3	0.0	0.0	7.4	0.0	0.0
Spain	393	356	19.7	63.4	4.9	10.1	1.9	10.6	0.0	0.0
Sweden	212	204	68.5	18.2	6.0	3.2	4.1	4.2	0.0	0.0
Turkey	251	214	14.5	68.9	3.5	13.1	0.0	13.8	0.0	0.0
United Arab Emirates	840	736	25.1	16.1	53.5	4.8	0.5	11.6	0.0	0.0
United States	492	424	10.8	73.7	4.9	10.6	0.0	14.9	0.0	0.0
International Avg (n=46)	13512	11354	26.3	46.4	14.1	8.3	4.9	15.1	0.0	0.0
Buenos Aires, Argentina	291	116	29.4	51.4	6.2	8.7	4.3	59.3	0.0	0.0
Ontario, Canada	275	233	11.9	70.0	2.6	15.6	0.0	15.3	0.0	0.0
Quebec, Canada	151	139	8.4	81.0	4.4	6.2	0.0	9.4	0.0	0.0
Norway (4)	223	193	30.6	51.9	4.7	12.0	0.8	11.4	0.0	0.0
Abu Dhabi, UAE	212	177	21.0	29.7	45.5	3.3	0.4	14.8	0.0	0.0
Dubai, UAE	290	257	31.3	15.7	44.4	8.5	0.0	10.0	0.0	0.0
Florida, US	120	91	5.9	78.5	2.4	13.2	0.0	23.8	0.0	0.0

Question: Teachers Majored in Prim/Elem Education and Science  
 Location: Derived (ATDS05)

Country	Sample	Valid N	1. Primar y ed and scienc e Mean	2. Primar y ed but not scienc e Mean	3. Scienc e but not primar y ed Mean	4. All other majors Mean	5. No formal ed beyond upper- sec- Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	431	519.3	524.4	565.2	530.4	.	517.4	.	.
Bahrain	345	330	465.9	515.9	455.4	416.7	.	449.8	.	.
Belgium (Flemish)	295	2	548.6	.	.	.	.	511.2	.	.
Bulgaria	233	185	547.7	530.3	528.5	578.9	.	538.1	.	.
Canada	699	623	528.0	525.1	524.0	520.7	.	524.3	.	.
Chile	180	126	483.4	480.5	407.0	460.8	545.8	473.7	.	.
Chinese Taipei	178	171	562.0	554.8	540.9	557.0	.	548.7	.	.
Croatia	223	0	.	.	.	.	.	.	.	.
Cyprus	242	232	483.6	480.3	493.0	494.1	.	466.4	.	.
Czech Republic	265	259	540.6	535.5	532.3	535.0	517.4	542.9	.	.
Denmark	196	135	528.0	521.4	527.1	528.8	527.3	529.4	.	.
England	214	181	545.4	534.0	552.9	533.2	.	522.3	.	.
Finland	341	326	558.8	554.1	564.3	542.4	493.5	557.2	.	.
France	273	194	488.9	484.7	488.4	481.3	490.2	491.4	.	.
Georgia	188	172	447.7	460.2	467.4	431.7	485.0	439.5	.	.
Germany	226	190	530.0	529.5	505.6	515.0	.	529.9	.	.
Hong Kong SAR	148	134	555.7	558.3	566.1	544.7	.	559.2	.	.
Hungary	244	181	555.9	540.7	538.2	.	.	542.9	.	.
Indonesia	293	260	401.8	406.3	368.3	410.3	336.4	385.4	.	.
Iran, Islamic Rep. of	291	266	441.7	420.3	444.3	418.8	410.3	403.3	.	.
Ireland	214	197	535.0	526.9	533.5	543.2	540.9	533.8	.	.
Italy	257	210	501.4	528.5	526.3	514.8	514.7	517.5	.	.
Japan	157	143	566.3	570.2	576.9	567.5	.	564.6	.	.
Kazakhstan	239	221	554.1	557.6	495.8	541.3	533.3	508.9	.	.
Korea, Rep. of	182	181	596.7	587.8	613.3	571.7	.	594.1	.	.
Kuwait	294	265	332.5	352.8	339.6	349.9	322.9	334.4	.	.
Lithuania	291	269	516.5	532.2	486.9	529.2	500.3	513.2	.	.
Morocco	367	307	323.4	313.6	375.2	354.9	338.4	386.9	.	.
Netherlands	223	16	527.9	.	.	.	480.1	517.0	.	.
New Zealand	461	434	515.0	505.3	517.8	509.9	.	474.8	.	.
Northern Ireland	154	124	540.6	518.6	528.0	517.5	528.2	515.2	.	.
Norway	227	197	540.6	536.4	541.8	542.3	541.0	527.0	.	.
Oman	357	334	433.7	431.7	428.6	432.3	403.8	414.4	.	.
Poland	254	173	528.2	.	549.4	.	.	545.4	.	.
Portugal	322	290	502.6	510.1	.	515.8	.	507.8	.	.
Qatar	227	211	431.0	495.0	425.6	436.6	427.4	431.9	.	.
Russian Federation	217	202	565.1	569.7	588.0	560.3	.	552.3	.	.
Saudi Arabia	189	183	371.5	435.8	396.1	334.3	392.9	417.2	.	.
Serbia	192	164	538.2	524.7	554.5	534.6	513.3	504.3	.	.
Singapore	358	347	591.8	599.5	577.3	583.8	605.5	599.7	.	.
Slovak Republic	328	317	521.0	521.6	512.8	501.4	533.9	528.8	.	.
Slovenia	256	237	544.5	542.6	515.9	.	.	541.8	.	.
Spain	393	356	522.9	515.9	523.7	517.9	533.8	518.2	.	.
Sweden	212	204	540.8	541.3	542.4	526.3	535.1	537.3	.	.
Turkey	251	214	492.2	486.1	477.1	471.8	.	474.7	.	.
United Arab Emirates	840	736	457.4	437.6	455.9	469.0	390.5	433.1	.	.
United States	492	424	547.1	548.0	544.0	539.1	.	541.2	.	.
International Avg (n=46)	13512	11354	508.1	508.0	504.5	499.2	478.5	501.5	.	.
Buenos Aires, Argentina	291	116	412.5	424.7	408.1	401.7	482.3	416.0	.	.
Ontario, Canada	275	233	548.5	530.8	540.8	523.0	.	521.4	.	.
Quebec, Canada	151	139	511.3	525.2	522.9	517.2	.	535.1	.	.
Norway (4)	223	193	488.7	497.5	475.5	494.8	518.7	488.6	.	.
Abu Dhabi, UAE	212	177	403.3	380.3	459.4	392.3	351.7	375.9	.	.
Dubai, UAE	290	257	515.7	551.0	499.0	539.8	582.5	536.3	.	.
Florida, US	120	91	560.5	555.5	525.4	523.6	.	541.2	.	.

Question: Percentage of Students Taught Life Science Topics  
 Location: Derived (ATDS05LI)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	413	0.0	0.0	12.8	71.7	100.0	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Bahrain	345	333	0.0	0.0	3.9	67.2	57.1	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Belgium (Flemish)	295	284	0.0	0.0	2.8	60.8	57.1	0.0	14.3	28.6	42.9	57.1	71.4	100.0	100.0	100.0
Bulgaria	233	231	0.0	0.0	0.4	91.3	100.0	42.9	71.4	85.7	85.7	100.0	100.0	100.0	100.0	100.0
Canada	699	623	0.0	0.0	10.8	66.0	71.4	0.0	14.3	28.6	42.9	71.4	85.7	100.0	100.0	100.0
Chile	180	157	0.0	0.0	10.4	89.3	100.0	0.0	57.1	71.4	85.7	100.0	100.0	100.0	100.0	100.0
Chinese Taipei	178	178	0.0	0.0	0.0	66.6	57.1	0.0	28.6	42.9	42.9	71.4	85.7	100.0	100.0	100.0
Croatia	223	220	0.0	0.0	1.5	68.8	85.7	14.3	28.6	33.3	57.1	71.4	85.7	100.0	100.0	100.0
Cyprus	242	233	0.0	0.0	3.7	75.4	100.0	14.3	28.6	42.9	57.1	85.7	100.0	100.0	100.0	100.0
Czech Republic	265	262	0.0	0.0	1.0	75.3	85.7	0.0	42.9	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Denmark	196	159	0.0	0.0	16.9	62.4	71.4	0.0	28.6	28.6	42.9	57.1	83.3	100.0	100.0	100.0
England	214	175	0.0	0.0	15.6	67.0	100.0	0.0	14.3	28.6	42.9	71.4	85.7	100.0	100.0	100.0
Finland	341	324	0.0	0.0	4.7	72.3	85.7	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
France	273	250	0.0	0.0	8.3	68.3	71.4	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Georgia	188	182	0.0	0.0	3.3	77.8	100.0	14.3	33.3	42.9	57.1	85.7	100.0	100.0	100.0	100.0
Germany	226	194	0.0	0.0	13.8	67.9	71.4	14.3	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Hong Kong SAR	148	141	0.0	0.0	4.3	66.6	57.1	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Hungary	244	237	0.0	0.0	2.6	84.1	85.7	14.3	57.1	71.4	71.4	85.7	100.0	100.0	100.0	100.0
Indonesia	293	293	0.0	0.0	0.0	85.2	100.0	0.0	42.9	50.0	71.4	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	291	288	0.0	0.0	0.5	69.4	100.0	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Ireland	214	213	0.0	0.0	0.4	78.2	100.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Italy	257	244	0.0	0.0	5.0	62.1	57.1	0.0	14.3	28.6	42.9	57.1	85.7	100.0	100.0	100.0
Japan	157	154	0.0	0.0	1.1	34.5	42.9	0.0	0.0	14.3	14.3	28.6	42.9	57.1	71.4	100.0
Kazakhstan	239	217	0.0	0.0	7.7	88.4	100.0	14.3	42.9	57.1	85.7	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	182	181	0.0	0.0	0.6	53.3	57.1	0.0	14.3	28.6	42.9	57.1	71.4	85.7	100.0	100.0
Kuwait	294	268	0.0	0.0	11.3	84.5	100.0	28.6	57.1	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Lithuania	291	284	0.0	0.0	1.2	94.8	100.0	14.3	71.4	85.7	100.0	100.0	100.0	100.0	100.0	100.0
Morocco	367	315	0.0	0.0	13.7	68.7	71.4	0.0	42.9	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Netherlands	223	165	0.0	0.0	23.1	58.5	57.1	0.0	0.0	28.6	42.9	57.1	71.4	100.0	100.0	100.0
New Zealand	461	421	0.0	0.0	8.7	71.5	100.0	0.0	14.3	28.6	57.1	71.4	100.0	100.0	100.0	100.0
Northern Ireland	154	131	0.0	0.0	17.4	73.4	100.0	0.0	14.3	28.6	57.1	71.4	100.0	100.0	100.0	100.0
Norway (5)	227	174	0.0	0.0	23.1	61.8	57.1	0.0	16.7	28.6	42.9	57.1	71.4	100.0	100.0	100.0
Oman	357	339	0.0	0.0	4.6	86.3	100.0	0.0	57.1	71.4	83.3	85.7	100.0	100.0	100.0	100.0
Poland	254	246	0.0	0.0	3.1	52.8	57.1	0.0	14.3	28.6	42.9	57.1	66.7	71.4	85.7	100.0
Portugal	322	305	0.0	0.0	5.6	93.5	100.0	14.3	71.4	71.4	85.7	100.0	100.0	100.0	100.0	100.0
Qatar	227	216	0.0	0.0	5.0	73.5	71.4	14.3	42.9	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	180	0.0	0.0	4.3	82.2	100.0	0.0	50.0	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Serbia	192	189	0.0	0.0	1.1	75.3	100.0	14.3	28.6	42.9	57.1	71.4	100.0	100.0	100.0	100.0
Singapore	358	351	0.0	0.0	2.2	51.5	42.9	28.6	42.9	42.9	42.9	42.9	57.1	71.4	100.0	100.0
Slovak Republic	328	323	0.0	0.0	1.9	87.3	100.0	28.6	57.1	71.4	85.7	85.7	100.0	100.0	100.0	100.0
Slovenia	256	240	0.0	0.0	5.8	64.7	100.0	0.0	14.3	28.6	42.9	71.4	85.7	100.0	100.0	100.0
Spain	393	358	0.0	0.0	6.7	88.2	100.0	14.3	57.1	71.4	85.7	100.0	100.0	100.0	100.0	100.0
Sweden	212	197	0.0	0.0	7.1	55.6	57.1	0.0	0.0	16.7	42.9	57.1	71.4	85.7	100.0	100.0
Turkey	251	248	0.0	0.0	1.1	52.0	100.0	0.0	0.0	0.0	14.3	57.1	85.7	100.0	100.0	100.0
United Arab Emirates	840	710	0.0	0.0	11.0	76.1	100.0	0.0	33.3	42.9	57.1	83.3	100.0	100.0	100.0	100.0
United States	492	413	0.0	0.0	16.4	74.0	85.7	0.0	14.3	42.9	57.1	85.7	100.0	100.0	100.0	100.0
International Avg (n=46)	13512	12259	0.0	0.0	6.7	71.7	82.9	6.8	32.1	43.8	58.0	74.5	88.4	97.2	99.1	100.0
Buenos Aires, Argentina	291	121	0.0	0.0	58.0	77.5	100.0	28.6	42.9	42.9	57.1	85.7	100.0	100.0	100.0	100.0
Ontario, Canada	275	237	0.0	0.0	13.8	71.4	100.0	0.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Quebec, Canada	151	137	0.0	0.0	9.5	60.6	71.4	0.0	14.3	28.6	42.9	57.1	85.7	100.0	100.0	100.0
Norway (4)	223	180	0.0	0.0	16.8	67.1	71.4	0.0	14.3	28.6	57.1	71.4	85.7	100.0	100.0	100.0
Abu Dhabi, UAE	212	180	0.0	0.0	10.3	79.1	100.0	14.3	42.9	42.9	71.4	85.7	100.0	100.0	100.0	100.0
Dubai, UAE	290	240	0.0	0.0	11.9	77.7	100.0	0.0	33.3	42.9	71.4	85.7	100.0	100.0	100.0	100.0
Florida, US	120	90	0.0	0.0	23.5	75.1	71.4	0.0	0.0	28.6	71.4	85.7	100.0	100.0	100.0	100.0

Question: Percentage of Students Taught Physical Science Topics  
 Location: Derived (ATDS05PH)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	415	0.0	0.0	11.6	52.1	55.6	0.0	11.1	11.1	33.3	55.6	66.7	88.9	100.0	100.0
Bahrain	345	333	0.0	0.0	3.9	74.6	100.0	0.0	0.0	22.2	66.7	77.8	100.0	100.0	100.0	100.0
Belgium (Flemish)	295	285	0.0	0.0	2.5	29.7	33.3	0.0	0.0	0.0	11.1	28.6	44.4	55.6	66.7	100.0
Bulgaria	233	231	0.0	0.0	0.4	72.5	100.0	11.1	33.3	44.4	55.6	77.8	88.9	100.0	100.0	100.0
Canada	699	621	0.0	0.0	10.5	46.0	33.3	0.0	11.1	11.1	33.3	44.4	57.1	88.9	88.9	100.0
Chile	180	157	0.0	0.0	11.2	62.1	55.6	0.0	22.2	33.3	44.4	55.6	77.8	100.0	100.0	100.0
Chinese Taipei	178	178	0.0	0.0	0.0	57.3	55.6	0.0	22.2	33.3	44.4	55.6	77.8	88.9	100.0	100.0
Croatia	223	220	0.0	0.0	1.5	37.7	22.2	0.0	11.1	11.1	22.2	33.3	44.4	77.8	88.9	100.0
Cyprus	242	229	0.0	0.0	5.5	53.2	55.6	0.0	22.2	22.2	33.3	55.6	66.7	88.9	100.0	100.0
Czech Republic	265	262	0.0	0.0	1.0	34.3	22.2	0.0	0.0	11.1	22.2	33.3	44.4	66.7	77.8	100.0
Denmark	196	158	0.0	0.0	17.3	46.7	44.4	0.0	0.0	11.1	33.3	44.4	66.7	77.8	88.9	100.0
England	214	175	0.0	0.0	15.6	78.1	100.0	0.0	33.3	50.0	66.7	88.9	100.0	100.0	100.0	100.0
Finland	341	324	0.0	0.0	4.7	47.6	44.4	0.0	0.0	0.0	22.2	44.4	66.7	88.9	100.0	100.0
France	273	251	0.0	0.0	8.0	41.7	44.4	0.0	11.1	22.2	22.2	44.4	55.6	66.7	77.8	100.0
Georgia	188	181	0.0	0.0	3.4	59.4	66.7	0.0	22.2	33.3	44.4	55.6	77.8	88.9	100.0	100.0
Germany	226	191	0.0	0.0	14.3	55.8	55.6	0.0	11.1	22.2	44.4	55.6	77.8	88.9	100.0	100.0
Hong Kong SAR	148	141	0.0	0.0	4.3	44.9	33.3	0.0	11.1	22.2	33.3	44.4	55.6	77.8	100.0	100.0
Hungary	244	237	0.0	0.0	2.6	50.3	33.3	0.0	22.2	22.2	33.3	55.6	66.7	77.8	77.8	100.0
Indonesia	293	293	0.0	0.0	0.0	72.4	100.0	0.0	33.3	44.4	55.6	66.7	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	291	288	0.0	0.0	0.5	79.9	88.9	11.1	55.6	55.6	66.7	77.8	88.9	100.0	100.0	100.0
Ireland	214	213	0.0	0.0	0.2	73.5	88.9	0.0	33.3	44.4	55.6	77.8	88.9	100.0	100.0	100.0
Italy	257	240	0.0	0.0	6.5	37.8	33.3	0.0	11.1	11.1	22.2	33.3	44.4	66.7	77.8	100.0
Japan	157	154	0.0	0.0	1.1	51.0	44.4	0.0	22.2	33.3	44.4	44.4	66.7	66.7	77.8	100.0
Kazakhstan	239	214	0.0	0.0	9.2	61.5	100.0	0.0	11.1	22.2	33.3	66.7	100.0	100.0	100.0	100.0
Korea, Rep. of	182	181	0.0	0.0	0.6	51.0	44.4	11.1	22.2	22.2	44.4	44.4	66.7	66.7	100.0	100.0
Kuwait	294	268	0.0	0.0	11.3	79.1	100.0	0.0	33.3	44.4	66.7	88.9	100.0	100.0	100.0	100.0
Lithuania	291	283	0.0	0.0	1.2	61.2	100.0	0.0	11.1	22.2	33.3	66.7	88.9	100.0	100.0	100.0
Morocco	367	316	0.0	0.0	13.3	50.9	44.4	0.0	22.2	33.3	37.5	44.4	55.6	77.8	88.9	100.0
Netherlands	223	164	0.0	0.0	23.2	37.7	55.6	0.0	0.0	0.0	11.1	33.3	55.6	66.7	88.9	100.0
New Zealand	461	423	0.0	0.0	8.4	54.5	100.0	0.0	0.0	11.1	33.3	55.6	77.8	100.0	100.0	100.0
Northern Ireland	154	130	0.0	0.0	18.0	49.7	55.6	0.0	0.0	11.1	33.3	44.4	77.8	88.9	100.0	100.0
Norway (5)	227	173	0.0	0.0	23.4	45.8	55.6	0.0	11.1	11.1	22.2	44.4	55.6	77.8	100.0	100.0
Oman	357	342	0.0	0.0	4.1	82.4	100.0	0.0	44.4	66.7	77.8	88.9	100.0	100.0	100.0	100.0
Poland	254	246	0.0	0.0	3.1	15.9	11.1	0.0	0.0	0.0	0.0	11.1	22.2	33.3	44.4	100.0
Portugal	322	305	0.0	0.0	5.7	59.5	100.0	0.0	11.1	22.2	33.3	66.7	88.9	100.0	100.0	100.0
Qatar	227	217	0.0	0.0	4.5	61.2	44.4	0.0	11.1	33.3	44.4	55.6	77.8	100.0	100.0	100.0
Russian Federation	217	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	189	181	0.0	0.0	3.8	91.2	100.0	0.0	55.6	66.7	88.9	100.0	100.0	100.0	100.0	100.0
Serbia	192	190	0.0	0.0	0.9	92.5	100.0	33.3	66.7	75.0	88.9	100.0	100.0	100.0	100.0	100.0
Singapore	358	350	0.0	0.0	2.5	58.4	55.6	33.3	33.3	44.4	44.4	55.6	66.7	77.8	88.9	100.0
Slovak Republic	328	324	0.0	0.0	1.3	91.4	100.0	33.3	66.7	77.8	88.9	100.0	100.0	100.0	100.0	100.0
Slovenia	256	239	0.0	0.0	6.1	75.5	88.9	0.0	33.3	44.4	66.7	77.8	88.9	100.0	100.0	100.0
Spain	393	357	0.0	0.0	6.3	54.2	55.6	0.0	11.1	22.2	33.3	55.6	77.8	100.0	100.0	100.0
Sweden	212	198	0.0	0.0	6.2	44.6	44.4	0.0	11.1	11.1	22.2	44.4	55.6	77.8	88.9	100.0
Turkey	251	249	0.0	0.0	0.7	80.9	88.9	0.0	55.6	66.7	66.7	87.5	88.9	100.0	100.0	100.0
United Arab Emirates	840	710	0.0	0.0	11.2	69.0	100.0	0.0	22.2	33.3	44.4	75.0	88.9	100.0	100.0	100.0
United States	492	411	0.0	0.0	16.4	70.2	100.0	0.0	11.1	22.2	55.6	77.8	100.0	100.0	100.0	100.0
International Avg (n=46)	13512	12248	0.0	0.0	6.7	58.6	66.4	2.9	20.5	29.0	43.1	59.5	75.2	87.4	94.0	100.0
Buenos Aires, Argentina	291	119	0.0	0.0	58.8	53.1	100.0	0.0	0.0	0.0	22.2	55.6	77.8	100.0	100.0	100.0
Ontario, Canada	275	237	0.0	0.0	13.2	45.4	33.3	0.0	11.1	11.1	33.3	44.4	57.1	88.9	100.0	100.0
Quebec, Canada	151	136	0.0	0.0	9.5	46.1	55.6	0.0	11.1	11.1	33.3	44.4	55.6	77.8	77.8	100.0
Norway (4)	223	179	0.0	0.0	17.6	29.2	22.2	0.0	0.0	0.0	11.1	22.2	44.4	55.6	66.7	100.0
Abu Dhabi, UAE	212	181	0.0	0.0	10.3	69.9	100.0	0.0	22.2	33.3	55.6	77.8	88.9	100.0	100.0	100.0
Dubai, UAE	290	241	0.0	0.0	11.8	67.7	100.0	11.1	22.2	33.3	44.4	66.7	88.9	100.0	100.0	100.0
Florida, US	120	90	0.0	0.0	23.5	79.8	100.0	0.0	33.3	44.4	66.7	88.9	100.0	100.0	100.0	100.0



Question: Percentage of Students Taught Earth Science Topics  
 Location: Derived (ATDS05ES)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	415	0.0	0.0	12.0	62.2	100.0	0.0	0.0	28.6	42.9	71.4	85.7	100.0	100.0	100.0
Bahrain	345	331	0.0	0.0	4.7	74.9	100.0	0.0	14.3	28.6	71.4	85.7	100.0	100.0	100.0	100.0
Belgium (Flemish)	295	284	0.0	0.0	3.3	56.5	71.4	0.0	14.3	14.3	42.9	57.1	71.4	85.7	85.7	100.0
Bulgaria	233	227	0.0	0.0	2.7	82.2	85.7	14.3	57.1	57.1	71.4	85.7	85.7	100.0	100.0	100.0
Canada	699	621	0.0	0.0	10.8	53.3	28.6	0.0	14.3	14.3	28.6	57.1	71.4	85.7	100.0	100.0
Chile	180	161	0.0	0.0	8.8	80.1	100.0	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Chinese Taipei	178	178	0.0	0.0	0.0	40.7	28.6	0.0	0.0	0.0	14.3	42.9	57.1	71.4	85.7	100.0
Croatia	223	220	0.0	0.0	1.5	70.5	85.7	14.3	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Cyprus	242	237	0.0	0.0	1.7	59.3	71.4	0.0	0.0	14.3	42.9	57.1	85.7	100.0	100.0	100.0
Czech Republic	265	262	0.0	0.0	1.0	76.3	100.0	0.0	28.6	28.6	57.1	85.7	100.0	100.0	100.0	100.0
Denmark	196	159	0.0	0.0	17.4	65.7	85.7	0.0	14.3	28.6	42.9	71.4	85.7	100.0	100.0	100.0
England	214	175	0.0	0.0	15.6	71.7	100.0	0.0	14.3	28.6	42.9	85.7	100.0	100.0	100.0	100.0
Finland	341	323	0.0	0.0	5.1	63.6	85.7	0.0	0.0	28.6	42.9	71.4	85.7	100.0	100.0	100.0
France	273	252	0.0	0.0	8.1	72.4	85.7	14.3	28.6	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Georgia	188	185	0.0	0.0	2.0	79.3	85.7	0.0	42.9	57.1	71.4	85.7	85.7	100.0	100.0	100.0
Germany	226	192	0.0	0.0	14.1	63.2	85.7	0.0	14.3	28.6	42.9	71.4	85.7	100.0	100.0	100.0
Hong Kong SAR	148	141	0.0	0.0	5.0	47.0	42.9	0.0	14.3	28.6	28.6	42.9	57.1	85.7	100.0	100.0
Hungary	244	236	0.0	0.0	3.2	74.9	85.7	0.0	28.6	42.9	57.1	85.7	85.7	100.0	100.0	100.0
Indonesia	293	292	0.0	0.0	0.2	64.6	100.0	0.0	0.0	14.3	42.9	71.4	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	291	288	0.0	0.0	0.6	73.0	85.7	0.0	42.9	42.9	57.1	71.4	85.7	100.0	100.0	100.0
Ireland	214	213	0.0	0.0	0.4	73.8	85.7	0.0	28.6	42.9	57.1	85.7	85.7	100.0	100.0	100.0
Italy	257	241	0.0	0.0	6.0	59.4	57.1	0.0	14.3	28.6	42.9	57.1	71.4	100.0	100.0	100.0
Japan	157	151	0.0	0.0	3.1	29.1	28.6	0.0	0.0	0.0	14.3	28.6	42.9	57.1	71.4	85.7
Kazakhstan	239	216	0.0	0.0	8.7	90.1	100.0	0.0	71.4	71.4	85.7	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	182	181	0.0	0.0	0.6	43.8	42.9	0.0	14.3	14.3	28.6	42.9	57.1	71.4	100.0	100.0
Kuwait	294	269	0.0	0.0	11.0	79.9	100.0	0.0	14.3	42.9	71.4	85.7	100.0	100.0	100.0	100.0
Lithuania	291	282	0.0	0.0	1.6	77.9	100.0	0.0	28.6	42.9	71.4	85.7	100.0	100.0	100.0	100.0
Morocco	367	315	0.0	0.0	13.2	24.5	0.0	0.0	0.0	0.0	14.3	28.6	57.1	100.0	100.0	100.0
Netherlands	223	166	0.0	0.0	23.0	59.4	57.1	0.0	14.3	28.6	42.9	57.1	85.7	100.0	100.0	100.0
New Zealand	461	424	0.0	0.0	7.7	63.5	100.0	0.0	0.0	14.3	42.9	71.4	85.7	100.0	100.0	100.0
Northern Ireland	154	131	0.0	0.0	17.4	63.5	42.9	0.0	14.3	28.6	42.9	57.1	85.7	100.0	100.0	100.0
Norway (5)	227	172	0.0	0.0	23.8	67.5	100.0	0.0	14.3	14.3	42.9	71.4	85.7	100.0	100.0	100.0
Oman	357	341	0.0	0.0	4.0	58.7	100.0	0.0	14.3	14.3	28.6	57.1	85.7	100.0	100.0	100.0
Poland	254	248	0.0	0.0	1.9	36.7	28.6	0.0	14.3	14.3	28.6	28.6	42.9	66.7	71.4	100.0
Portugal	322	304	0.0	0.0	6.0	85.9	100.0	0.0	57.1	71.4	71.4	85.7	100.0	100.0	100.0	100.0
Qatar	227	220	0.0	0.0	3.3	66.9	100.0	0.0	14.3	28.6	50.0	71.4	85.7	100.0	100.0	100.0
Russian Federation	217	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	189	182	0.0	0.0	3.1	87.2	100.0	42.9	57.1	57.1	71.4	100.0	100.0	100.0	100.0	100.0
Serbia	192	190	0.0	0.0	1.1	68.3	100.0	14.3	28.6	42.9	42.9	71.4	85.7	100.0	100.0	100.0
Singapore	358	350	0.0	0.0	2.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	42.9	100.0
Slovak Republic	328	324	0.0	0.0	1.3	88.0	100.0	0.0	57.1	71.4	85.7	100.0	100.0	100.0	100.0	100.0
Slovenia	256	239	0.0	0.0	6.1	63.1	71.4	0.0	28.6	28.6	42.9	57.1	85.7	100.0	100.0	100.0
Spain	393	364	0.0	0.0	5.2	85.5	85.7	0.0	57.1	57.1	85.7	85.7	100.0	100.0	100.0	100.0
Sweden	212	202	0.0	0.0	4.6	68.2	100.0	0.0	0.0	28.6	57.1	71.4	85.7	100.0	100.0	100.0
Turkey	251	248	0.0	0.0	1.2	74.3	100.0	0.0	14.3	42.9	71.4	85.7	100.0	100.0	100.0	100.0
United Arab Emirates	840	711	0.0	0.0	11.1	80.7	100.0	0.0	28.6	57.1	71.4	85.7	100.0	100.0	100.0	100.0
United States	492	413	0.0	0.0	16.3	79.5	100.0	0.0	14.3	42.9	57.1	85.7	100.0	100.0	100.0	100.0
International Avg (n=46)	13512	12276	0.0	0.0	6.6	65.5	78.6	2.8	21.7	32.9	49.8	68.9	82.6	93.4	96.9	99.7
Buenos Aires, Argentina	291	119	0.0	0.0	59.0	53.9	100.0	0.0	0.0	0.0	28.6	57.1	85.7	100.0	100.0	100.0
Ontario, Canada	275	236	0.0	0.0	13.9	51.2	57.1	0.0	14.3	14.3	28.6	57.1	71.4	85.7	100.0	100.0
Quebec, Canada	151	137	0.0	0.0	9.5	69.8	85.7	0.0	14.3	28.6	57.1	71.4	85.7	100.0	100.0	100.0
Norway (4)	223	179	0.0	0.0	17.2	81.6	100.0	0.0	28.6	42.9	71.4	85.7	100.0	100.0	100.0	100.0
Abu Dhabi, UAE	212	182	0.0	0.0	10.2	80.5	85.7	0.0	28.6	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Dubai, UAE	290	238	0.0	0.0	12.2	80.4	100.0	0.0	42.9	57.1	71.4	85.7	100.0	100.0	100.0	100.0
Florida, US	120	90	0.0	0.0	23.5	81.8	100.0	0.0	14.3	42.9	71.4	100.0	100.0	100.0	100.0	100.0

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

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	441	5.7	0.0	0.4	10.4	9.6	2.8	7.3	8.1	9.4	10.4	11.5	12.9	13.6	17.4
Bahrain	345	337	1.9	0.0	1.0	10.8	12.0	5.9	7.3	7.8	9.1	10.4	12.0	13.6	17.4	17.4
Belgium (Flemish)	295	290	1.2	0.0	0.3	9.2	8.6	4.9	6.8	7.6	8.3	9.1	10.2	10.9	11.7	13.6
Bulgaria	233	233	0.0	0.0	0.0	9.9	9.6	6.2	7.3	7.6	8.8	9.9	10.9	12.0	12.6	17.4
Canada	699	651	5.5	0.0	1.0	10.6	10.9	4.4	7.3	8.1	8.8	10.7	12.0	13.2	15.0	17.4
Chile	180	161	6.9	0.0	3.0	8.7	8.1	4.4	5.6	6.2	7.3	8.6	9.9	11.0	12.3	15.8
Chinese Taipei	178	178	0.0	0.0	0.0	10.2	9.6	6.2	7.6	8.3	9.1	9.9	10.9	12.3	14.0	17.4
Croatia	223	220	1.5	0.0	0.0	11.3	11.5	6.5	8.6	9.1	9.9	11.2	12.3	13.7	14.5	17.4
Cyprus	242	239	1.1	0.0	0.0	9.7	9.4	5.6	7.0	7.6	8.3	9.4	10.7	11.7	12.3	17.4
Czech Republic	265	263	0.8	0.0	0.0	9.2	9.4	5.6	7.0	7.3	8.1	9.1	10.4	11.2	12.3	17.4
Denmark	196	167	11.8	0.0	1.0	9.0	8.1	5.2	6.5	7.0	8.1	9.0	10.1	10.9	11.5	17.4
England	214	194	5.1	0.0	0.0	10.7	10.9	5.2	7.3	7.8	9.1	10.4	12.0	13.2	14.5	17.4
Finland	341	329	4.3	0.0	0.0	9.8	10.4	6.5	7.8	8.1	8.8	9.9	10.7	11.5	11.7	17.4
France	273	261	4.0	0.0	0.3	9.6	9.6	5.6	7.3	7.6	8.6	9.6	10.7	11.5	11.7	15.0
Georgia	188	187	0.7	0.0	0.0	10.6	9.6	6.2	8.1	8.6	9.4	10.4	11.5	12.9	14.5	17.4
Germany	226	199	10.8	0.0	0.7	9.5	8.8	5.6	6.5	7.3	8.6	9.6	10.4	11.5	12.0	14.3
Hong Kong SAR	148	145	1.1	0.0	0.3	9.7	9.1	4.4	6.8	7.0	8.6	9.9	10.7	12.2	12.5	17.4
Hungary	244	238	1.1	0.0	1.5	9.3	8.6	4.9	6.8	7.3	8.1	9.1	10.2	11.2	12.0	17.4
Indonesia	293	293	0.0	0.0	0.0	10.3	9.4	4.4	7.6	8.1	8.8	10.2	11.7	12.9	13.6	15.0
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	10.2	9.4	4.9	7.3	8.1	8.8	10.2	11.5	12.6	14.0	17.4
Ireland	214	214	0.0	0.0	0.0	11.2	9.9	4.9	7.6	9.1	9.9	10.9	12.3	14.0	15.0	17.4
Italy	257	242	4.6	0.0	0.9	9.6	9.1	4.8	7.0	7.6	8.3	9.4	10.4	12.0	12.3	17.4
Japan	157	156	0.3	0.0	0.0	9.2	9.1	5.6	6.5	7.3	8.1	9.1	9.9	11.5	12.0	15.0
Kazakhstan	239	238	0.5	0.0	0.0	11.6	12.0	6.5	8.6	9.4	10.2	11.2	12.6	14.0	15.8	17.4
Korea, Rep. of	182	181	0.6	0.0	0.0	11.8	10.9	4.4	8.1	8.8	9.9	11.7	13.6	15.0	17.4	17.4
Kuwait	294	278	7.6	0.0	1.3	10.1	9.4	4.4	7.0	7.6	8.8	10.0	11.2	12.3	12.9	17.4
Lithuania	291	285	1.1	0.0	0.0	10.6	10.9	2.0	8.1	8.8	9.4	10.4	11.5	12.6	14.0	17.4
Morocco	367	348	4.4	0.0	0.8	7.9	7.0	2.8	5.6	5.9	6.5	7.6	9.1	10.4	11.5	17.4
Netherlands	223	171	21.4	0.0	0.0	9.1	8.6	5.9	7.1	7.6	8.3	9.1	9.9	10.7	10.9	13.8
New Zealand	461	444	2.2	0.0	0.6	10.6	10.2	5.2	7.3	8.3	9.4	10.6	11.7	12.9	13.6	17.4
Northern Ireland	154	130	17.4	0.0	0.5	11.8	12.6	8.1	8.8	9.1	10.2	12.0	12.6	15.0	17.4	17.4
Norway (5)	227	196	11.9	0.0	0.5	9.4	9.4	5.9	7.3	7.6	8.3	9.4	10.4	10.9	11.7	12.9
Oman	357	338	0.4	0.0	4.6	10.6	10.7	4.4	7.0	8.1	9.4	10.7	12.0	13.2	14.0	17.4
Poland	254	253	0.0	0.0	0.4	9.9	9.6	6.2	7.6	8.1	8.8	9.9	10.9	11.7	12.6	15.0
Portugal	322	307	5.1	0.0	0.4	9.5	8.6	5.3	7.0	7.3	8.3	9.4	10.7	11.5	12.0	15.8
Qatar	227	225	0.0	0.0	1.9	11.2	11.5	5.2	8.1	8.8	9.9	10.9	12.6	13.6	14.5	17.4
Russian Federation	217	217	0.0	0.0	0.0	9.4	8.8	5.9	7.6	8.1	8.6	9.4	10.2	10.9	11.5	14.3
Saudi Arabia	189	185	0.5	0.0	1.3	9.5	10.9	4.0	5.9	6.5	7.8	9.4	10.9	12.0	13.2	17.4
Serbia	192	190	0.7	0.0	0.3	10.1	9.4	5.6	7.6	8.1	9.1	9.9	10.9	12.3	12.9	17.4
Singapore	358	352	1.5	0.0	0.3	9.7	9.4	4.0	7.0	7.6	8.6	9.6	10.9	11.5	12.3	17.4
Slovak Republic	328	325	0.7	0.0	0.4	9.3	9.6	4.4	6.8	7.3	8.3	9.4	10.2	11.2	12.0	17.4
Slovenia	256	242	5.4	0.0	0.2	9.6	9.4	6.5	7.8	8.1	8.8	9.6	10.4	11.2	12.0	14.5
Spain	393	374	4.1	0.0	0.2	10.1	10.2	4.9	7.3	7.8	8.8	10.2	11.7	12.6	12.9	17.4
Sweden	212	203	3.9	0.0	0.7	9.4	9.1	4.9	7.0	7.6	8.3	9.3	10.4	11.7	12.6	17.4
Turkey	251	251	0.0	0.0	0.0	9.3	10.2	2.8	6.5	6.8	8.1	9.4	10.7	11.7	12.6	15.8
United Arab Emirates	840	776	5.9	0.0	1.6	10.9	10.4	4.4	7.6	8.6	9.6	10.9	12.0	14.0	14.5	17.4
United States	492	437	12.7	0.0	0.0	9.9	10.2	2.0	6.5	7.3	8.3	9.9	11.2	12.6	14.0	17.4
International Avg (n=47)	13512	12875	3.8	0.0	0.6	10.0	9.8	5.0	7.2	7.8	8.8	9.9	11.1	12.3	13.2	16.6
Buenos Aires, Argentina	291	132	53.6	0.0	0.4	9.6	9.1	4.9	7.0	7.6	8.6	9.4	10.9	11.7	12.6	14.0
Ontario, Canada	275	251	6.3	0.0	2.0	10.1	10.9	4.4	7.0	7.6	8.6	9.9	11.5	12.6	14.0	17.4
Quebec, Canada	151	143	5.2	0.0	0.0	11.7	11.5	4.9	8.6	9.1	10.4	11.5	12.9	15.0	15.8	17.4
Norway (4)	223	198	9.9	0.0	0.0	9.4	9.6	2.8	7.3	7.6	8.6	9.6	10.4	11.2	11.7	14.5
Abu Dhabi, UAE	212	186	9.0	0.0	1.6	10.1	10.2	4.4	6.8	7.6	8.8	10.2	11.5	12.3	14.0	17.4
Dubai, UAE	290	273	2.8	0.0	2.5	11.3	10.9	6.8	8.6	9.1	9.9	10.9	12.3	14.5	15.0	17.4
Florida, US	120	94	20.6	0.0	0.0	9.9	9.6	4.4	5.9	7.0	7.8	9.6	11.7	14.5	14.5	17.4

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

Country	Sample	Valid N	1. Very high emphas is %	2. High emphas is %	3. Medium emphas is %	Missin g %	Not admini stered %	Not applic able %	1. Very high emphas is Mean	2. High emphas is Mean	3. Medium emphas is Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	441	11.6	64.3	24.1	0.4	5.7	0.0	552.5	527.3	504.5	454.5	510.2	.
Bahrain	345	337	13.8	57.7	28.4	1.0	1.9	0.0	436.7	474.9	439.9	449.1	420.5	.
Belgium (Flemish)	295	290	2.0	46.9	51.1	0.3	1.2	0.0	517.4	522.6	501.3	525.6	500.5	.
Bulgaria	233	233	4.3	61.2	34.6	0.0	0.0	0.0	598.2	548.7	505.0	.	.	.
Canada	699	651	13.5	58.6	27.9	1.0	5.5	0.0	525.5	531.6	511.5	515.7	520.0	.
Chile	180	161	1.7	35.6	62.7	3.0	6.9	0.0	522.0	495.5	468.3	450.0	473.8	.
Chinese Taipei	178	178	6.7	65.2	28.0	0.0	0.0	0.0	563.3	555.3	553.3	.	.	.
Croatia	223	220	18.9	70.3	10.8	0.0	1.5	0.0	530.8	533.7	536.5	.	531.0	.
Cyprus	242	239	3.2	55.7	41.2	0.0	1.1	0.0	516.1	488.6	468.4	.	494.5	.
Czech Republic	265	263	2.6	43.3	54.1	0.0	0.8	0.0	547.8	540.2	528.9	.	542.1	.
Denmark	196	167	0.9	42.5	56.6	1.0	11.8	0.0	555.6	535.2	518.5	570.7	531.2	.
England	214	194	13.1	57.4	29.4	0.0	5.1	0.0	560.6	541.5	516.3	.	521.2	.
Finland	341	329	2.3	64.3	33.4	0.0	4.3	0.0	550.2	557.3	546.9	488.3	557.2	.
France	273	261	1.0	63.1	35.9	0.3	4.0	0.0	519.0	496.5	472.3	505.4	471.5	.
Georgia	188	187	11.1	67.8	21.1	0.0	0.7	0.0	482.7	452.7	430.6	.	438.4	.
Germany	226	199	1.4	58.2	40.4	0.7	10.8	0.0	560.4	537.5	513.6	482.9	534.0	.
Hong Kong SAR	148	145	2.7	61.6	35.7	0.3	1.1	0.0	578.1	563.7	542.7	558.8	549.3	.
Hungary	244	238	2.3	45.7	52.1	1.5	1.1	0.0	563.2	559.7	525.7	501.1	588.9	.
Indonesia	293	293	11.2	58.9	29.9	0.0	0.0	0.0	415.6	403.1	376.9	.	.	.
Iran, Islamic Rep. of	291	291	9.5	56.9	33.6	0.0	0.0	0.0	468.9	421.1	407.3	.	.	.
Ireland	214	214	20.0	67.4	12.6	0.0	0.0	0.0	545.1	530.3	495.3	.	.	.
Italy	257	242	3.3	48.6	48.1	0.9	4.6	0.0	527.4	517.0	514.5	532.8	520.4	.
Japan	157	156	2.2	42.7	55.0	0.0	0.3	0.0	608.2	574.1	563.6	.	545.1	.
Kazakhstan	239	238	22.4	69.3	8.3	0.0	0.5	0.0	559.7	547.6	539.9	.	529.8	.
Korea, Rep. of	182	181	35.3	49.0	15.7	0.0	0.6	0.0	600.8	585.8	574.3	.	594.1	.
Kuwait	294	278	5.3	63.1	31.6	1.3	7.6	0.0	346.7	347.8	317.1	365.5	323.0	.
Lithuania	291	285	9.1	70.5	20.4	0.0	1.1	0.0	548.3	531.0	509.2	374.7	492.7	.
Morocco	367	348	1.8	18.2	80.1	0.8	4.4	0.0	415.6	408.1	339.0	348.3	338.3	.
Netherlands	223	171	0.3	42.3	57.4	0.0	21.4	0.0	553.5	523.1	513.0	.	516.1	.
New Zealand	461	444	11.4	68.5	20.1	0.6	2.2	0.0	523.2	513.1	473.0	485.0	483.8	.
Northern Ireland	154	130	22.3	66.5	11.2	0.5	17.4	0.0	529.1	521.5	499.6	533.3	514.8	.
Norway	227	196	1.7	54.3	44.1	0.5	11.9	0.0	588.0	544.4	530.1	572.1	527.0	.
Oman	357	338	12.1	63.5	24.4	4.6	0.4	0.0	440.3	431.8	423.5	436.9	395.6	.
Poland	254	253	3.7	63.6	32.6	0.4	0.0	0.0	554.8	551.6	537.3	582.5	.	.
Portugal	322	307	1.7	53.6	44.7	0.4	5.1	0.0	524.8	516.1	498.3	530.8	502.5	.
Qatar	227	225	21.2	64.1	14.7	1.9	0.0	0.0	458.4	436.4	401.0	457.1	.	.
Russian Federation	217	217	0.5	53.7	45.9	0.0	0.0	0.0	505.6	574.1	559.7	.	.	.
Saudi Arabia	189	185	7.7	45.1	47.2	1.3	0.5	0.0	416.7	399.9	378.8	339.5	351.8	.
Serbia	192	190	6.0	62.8	31.2	0.3	0.7	0.0	537.8	531.2	508.7	537.0	506.9	.
Singapore	358	352	3.5	55.6	41.0	0.3	1.5	0.0	629.1	609.0	562.3	529.9	598.2	.
Slovak Republic	328	325	1.7	49.0	49.2	0.4	0.7	0.0	552.4	534.0	505.6	470.7	567.2	.
Slovenia	256	242	1.2	60.8	38.0	0.2	5.4	0.0	563.0	544.3	540.8	505.9	533.3	.
Spain	393	374	6.7	61.6	31.7	0.2	4.1	0.0	535.6	528.8	493.6	547.8	519.3	.
Sweden	212	203	4.8	45.6	49.6	0.7	3.9	0.0	549.2	548.0	532.2	536.2	539.8	.
Turkey	251	251	4.8	45.4	49.8	0.0	0.0	0.0	538.1	498.8	464.1	.	.	.
United Arab Emirates	840	776	16.6	61.8	21.6	1.6	5.9	0.0	493.2	460.4	397.4	513.0	418.1	.
United States	492	437	9.1	51.0	39.9	0.0	12.7	0.0	584.8	554.3	525.8	.	547.0	.
International Avg (n=47)	13512	12875	7.9	56.0	36.1	0.6	3.8	0.0	527.5	513.8	490.8	490.0	501.3	.
Buenos Aires, Argentina	291	132	2.7	50.8	46.5	0.4	53.6	0.0	427.7	435.1	401.9	408.3	416.5	.
Ontario, Canada	275	251	8.7	55.6	35.7	2.0	6.3	0.0	524.9	540.6	520.1	515.7	512.1	.
Quebec, Canada	151	143	25.3	64.5	10.2	0.0	5.2	0.0	526.2	524.2	516.9	.	534.7	.
Norway (4)	223	198	1.3	58.5	40.2	0.0	9.9	0.0	475.4	498.7	485.8	.	491.1	.
Abu Dhabi, UAE	212	186	7.0	57.2	35.9	1.6	9.0	0.0	488.7	428.2	378.5	507.5	398.9	.
Dubai, UAE	290	273	19.5	66.7	13.8	2.5	2.8	0.0	552.2	520.5	450.5	574.0	499.2	.
Florida, US	120	94	16.9	39.4	43.7	0.0	20.6	0.0	566.3	566.0	529.8	.	542.1	.

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

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	435	5.7	0.0	1.5	11.4	13.4	5.0	7.8	8.7	10.0	12.0	13.4	13.4	13.4	13.4
Bahrain	345	340	1.9	0.0	0.0	10.5	13.4	3.8	6.7	7.5	8.7	10.6	13.4	13.4	13.4	13.4
Belgium (Flemish)	295	290	1.2	0.0	0.3	9.6	9.5	5.7	7.1	7.5	8.7	9.5	10.6	12.0	13.4	13.4
Bulgaria	233	232	0.0	0.0	0.3	10.4	10.6	6.2	7.5	7.8	9.5	10.6	11.3	13.4	13.4	13.4
Canada	699	653	5.5	0.0	0.9	10.4	13.4	3.8	7.1	7.8	9.1	10.0	12.0	13.4	13.4	13.4
Chile	180	161	6.9	0.0	3.0	9.4	11.3	3.8	5.7	6.2	7.8	9.1	11.3	12.0	13.4	13.4
Chinese Taipei	178	178	0.0	0.0	0.0	9.7	13.4	5.0	6.7	7.1	8.2	9.5	10.6	13.4	13.4	13.4
Croatia	223	220	1.5	0.0	0.0	9.9	13.4	5.7	7.5	7.8	8.2	9.5	11.3	13.4	13.4	13.4
Cyprus	242	238	1.1	0.0	0.5	10.4	13.4	5.0	7.1	7.5	9.1	10.6	12.0	13.4	13.4	13.4
Czech Republic	265	263	0.8	0.0	0.0	9.8	10.6	6.2	7.5	7.8	9.1	10.0	10.6	12.0	12.0	13.4
Denmark	196	169	11.8	0.0	0.0	9.5	10.0	3.8	6.2	7.1	8.2	9.5	10.6	12.0	13.4	13.4
England	214	194	5.1	0.0	0.0	11.2	13.4	5.0	7.5	7.8	9.5	11.3	13.4	13.4	13.4	13.4
Finland	341	328	4.3	0.0	0.1	9.6	9.5	5.0	7.1	7.8	8.7	9.5	10.0	11.3	13.4	13.4
France	273	262	4.0	0.0	0.1	9.5	10.0	5.0	6.7	7.5	8.2	9.5	10.6	12.0	13.4	13.4
Georgia	188	187	0.7	0.0	0.0	10.5	13.4	6.2	7.8	8.2	9.1	10.6	12.0	13.4	13.4	13.4
Germany	226	201	10.8	0.0	0.0	9.8	10.6	5.0	7.1	7.8	8.7	10.0	10.6	12.0	13.4	13.4
Hong Kong SAR	148	145	1.1	0.0	0.3	10.7	13.4	5.7	7.5	7.8	9.1	10.6	12.0	13.4	13.4	13.4
Hungary	244	237	1.1	0.0	1.8	9.7	10.6	5.7	6.7	7.1	8.7	10.0	10.6	12.0	13.4	13.4
Indonesia	293	293	0.0	0.0	0.0	12.1	13.4	3.8	8.2	9.5	10.6	13.4	13.4	13.4	13.4	13.4
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	10.7	13.4	3.8	7.1	7.8	9.5	10.6	12.0	13.4	13.4	13.4
Ireland	214	214	0.0	0.0	0.0	11.7	13.4	5.0	7.8	8.7	10.6	12.0	13.4	13.4	13.4	13.4
Italy	257	245	3.9	0.0	0.6	10.0	10.6	3.8	7.1	7.5	8.7	10.0	11.3	13.4	13.4	13.4
Japan	157	156	0.3	0.0	0.0	8.2	8.2	5.0	6.2	6.7	7.8	8.2	9.1	9.5	10.0	13.4
Kazakhstan	239	238	0.5	0.0	0.0	11.5	13.4	7.1	8.2	8.7	10.0	12.0	13.4	13.4	13.4	13.4
Korea, Rep. of	182	181	0.6	0.0	0.0	10.1	13.4	5.0	7.5	7.8	8.2	9.5	12.0	13.4	13.4	13.4
Kuwait	294	281	7.6	0.0	0.0	10.0	9.5	3.8	6.2	7.1	8.2	10.0	12.0	13.4	13.4	13.4
Lithuania	291	285	1.1	0.0	0.0	10.3	11.3	5.7	7.8	8.2	9.1	10.0	11.3	13.4	13.4	13.4
Morocco	367	352	4.4	0.0	0.0	9.7	13.4	3.8	5.7	6.2	7.8	9.5	11.3	13.4	13.4	13.4
Netherlands	223	171	21.4	0.0	0.0	10.3	10.0	6.2	7.1	7.8	8.8	10.0	11.3	13.4	13.4	13.4
New Zealand	461	443	2.2	0.0	0.9	11.0	13.4	3.8	7.5	8.2	9.1	11.3	13.4	13.4	13.4	13.4
Northern Ireland	154	130	17.4	0.0	0.5	12.0	13.4	7.1	8.7	9.1	10.6	13.4	13.4	13.4	13.4	13.4
Norway (5)	227	196	11.9	0.0	0.5	11.0	13.4	5.0	7.5	8.2	9.5	11.3	13.4	13.4	13.4	13.4
Oman	357	351	0.4	0.0	0.9	10.3	13.4	5.0	7.5	7.8	9.1	10.0	12.0	13.4	13.4	13.4
Poland	254	254	0.0	0.0	0.0	10.2	10.0	6.7	7.8	8.2	9.1	10.0	10.6	12.0	13.4	13.4
Portugal	322	307	5.1	0.0	0.4	10.6	13.4	5.0	7.5	8.2	9.1	10.6	12.0	13.4	13.4	13.4
Qatar	227	227	0.0	0.0	0.0	11.4	13.4	6.2	7.8	8.7	10.0	11.3	13.4	13.4	13.4	13.4
Russian Federation	217	217	0.0	0.0	0.0	10.1	10.0	6.2	7.8	8.2	9.1	10.0	10.6	13.4	13.4	13.4
Saudi Arabia	189	188	0.5	0.0	0.0	10.2	13.4	3.8	6.7	7.1	8.7	10.0	12.0	13.4	13.4	13.4
Serbia	192	190	0.7	0.0	0.3	10.1	13.4	5.7	6.7	7.1	8.7	10.0	11.3	13.4	13.4	13.4
Singapore	358	352	1.5	0.0	0.3	10.7	13.4	5.7	7.1	7.8	9.1	10.6	13.4	13.4	13.4	13.4
Slovak Republic	328	327	0.7	0.0	0.0	9.8	10.6	3.8	7.1	7.8	8.7	10.0	10.6	12.0	13.4	13.4
Slovenia	256	242	5.4	0.0	0.2	9.0	9.5	5.7	6.7	7.1	8.2	9.1	10.0	10.6	11.3	13.4
Spain	393	377	4.1	0.0	0.0	11.1	13.4	3.8	7.5	8.7	9.7	11.3	13.4	13.4	13.4	13.4
Sweden	212	202	3.9	0.0	1.1	9.5	9.5	5.0	7.1	7.5	8.2	9.5	10.6	12.0	13.4	13.4
Turkey	251	251	0.0	0.0	0.0	9.7	13.4	3.8	6.7	7.1	8.2	9.5	11.3	13.4	13.4	13.4
United Arab Emirates	840	782	5.7	0.0	0.9	10.6	13.4	3.8	7.1	7.8	9.1	10.6	13.4	13.4	13.4	13.4
United States	492	436	12.7	0.0	0.0	10.3	13.4	3.8	6.2	7.1	8.7	10.0	12.0	13.4	13.4	13.4
International Avg (n=47)	13512	12912	3.7	0.0	0.3	10.3	12.1	5.0	7.2	7.8	9.0	10.4	11.8	12.9	13.3	13.4
Buenos Aires, Argentina	291	130	53.6	0.0	1.0	10.9	13.4	5.7	7.5	8.2	9.5	10.6	12.0	13.4	13.4	13.4
Ontario, Canada	275	253	6.3	0.0	1.9	10.3	13.4	3.8	7.1	7.5	8.7	10.0	12.0	13.4	13.4	13.4
Quebec, Canada	151	143	5.2	0.0	0.0	9.9	9.5	6.7	7.1	7.8	8.7	9.5	11.3	12.0	13.4	13.4
Norway (4)	223	198	9.9	0.0	0.0	11.0	13.4	5.0	7.1	8.7	9.5	11.3	13.4	13.4	13.4	13.4
Abu Dhabi, UAE	212	186	9.0	0.0	1.3	9.9	13.4	3.8	6.7	7.5	8.2	9.5	10.6	13.4	13.4	13.4
Dubai, UAE	290	278	2.2	0.0	1.4	11.3	13.4	6.2	7.8	8.2	9.5	11.3	13.4	13.4	13.4	13.4
Florida, US	120	93	20.6	0.0	0.9	10.1	13.4	3.8	5.7	6.7	7.8	10.0	13.4	13.4	13.4	13.4

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

Country	Sample	Valid N	1. Safe and orderl Y %	2. Somewh at safe and orderl Y %	3. Not safe and orderl Y %	Missin g %	Not admini stered %	Not applic able %	1. Safe and orderl Y Mean	2. Somewh at safe and orderl Y Mean	3. Not safe and orderl Y Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	435	76.9	21.3	1.9	1.5	5.7	0.0	532.6	502.4	471.9	485.5	510.2	.
Bahrain	345	340	60.4	34.2	5.4	0.0	1.9	0.0	469.3	443.8	450.7	.	420.5	.
Belgium (Flemish)	295	290	43.0	52.1	4.9	0.3	1.2	0.0	518.1	508.2	491.6	525.6	500.5	.
Bulgaria	233	232	67.9	29.8	2.3	0.3	0.0	0.0	548.1	509.4	517.6	490.4	.	.
Canada	699	653	55.7	41.3	3.0	0.9	5.5	0.0	528.2	522.6	495.9	541.8	520.0	.
Chile	180	161	43.0	44.0	13.0	3.0	6.9	0.0	499.0	468.7	447.1	450.0	473.8	.
Chinese Taipei	178	178	43.6	48.9	7.5	0.0	0.0	0.0	554.3	555.7	558.2	.	.	.
Croatia	223	220	47.7	50.3	2.0	0.0	1.5	0.0	531.9	534.4	548.2	.	531.0	.
Cyprus	242	238	61.9	33.3	4.8	0.5	1.1	0.0	483.5	478.5	468.4	485.2	494.5	.
Czech Republic	265	263	51.4	46.7	2.0	0.0	0.8	0.0	538.1	530.8	520.7	.	542.1	.
Denmark	196	169	41.0	53.2	5.8	0.0	11.8	0.0	537.1	521.2	500.0	.	531.2	.
England	214	194	73.1	25.7	1.2	0.0	5.1	0.0	541.2	523.8	532.1	.	521.2	.
Finland	341	328	37.2	60.2	2.5	0.1	4.3	0.0	557.6	553.1	510.8	542.0	557.2	.
France	273	262	42.6	52.2	5.2	0.1	4.0	0.0	501.1	481.1	447.9	588.3	471.5	.
Georgia	188	187	66.0	33.5	0.6	0.0	0.7	0.0	454.5	444.9	464.5	.	438.4	.
Germany	226	201	50.4	46.1	3.5	0.0	10.8	0.0	537.3	520.3	490.1	.	534.0	.
Hong Kong SAR	148	145	60.6	37.1	2.3	0.3	1.1	0.0	561.5	551.0	518.0	558.8	549.3	.
Hungary	244	237	50.9	42.8	6.3	1.8	1.1	0.0	552.8	534.3	508.4	510.1	588.9	.
Indonesia	293	293	87.2	12.0	0.8	0.0	0.0	0.0	399.8	375.7	368.5	.	.	.
Iran, Islamic Rep. of	291	291	70.2	26.7	3.1	0.0	0.0	0.0	420.7	428.4	363.5	.	.	.
Ireland	214	214	83.4	14.2	2.4	0.0	0.0	0.0	533.5	511.3	471.0	.	.	.
Italy	257	245	53.0	43.2	3.8	0.6	3.9	0.0	515.4	520.1	487.7	530.6	517.3	.
Japan	157	156	9.1	80.6	10.3	0.0	0.3	0.0	574.6	570.5	553.5	.	545.1	.
Kazakhstan	239	238	75.3	24.7	0.0	0.0	0.5	0.0	550.5	547.1	.	.	529.8	.
Korea, Rep. of	182	181	46.4	51.6	2.0	0.0	0.6	0.0	594.7	585.0	574.8	.	594.1	.
Kuwait	294	281	51.3	41.4	7.3	0.0	7.6	0.0	344.7	332.8	325.9	.	323.0	.
Lithuania	291	285	57.4	41.1	1.6	0.0	1.1	0.0	526.8	529.7	536.0	374.7	492.7	.
Morocco	367	352	47.3	38.6	14.1	0.0	4.4	0.0	370.0	341.3	326.9	.	338.3	.
Netherlands	223	171	59.5	39.0	1.5	0.0	21.4	0.0	523.6	507.7	525.5	.	516.1	.
New Zealand	461	443	70.8	26.1	3.0	0.9	2.2	0.0	517.4	480.1	468.6	489.3	483.8	.
Northern Ireland	154	130	85.0	15.0	0.0	0.5	17.4	0.0	523.4	506.0	.	533.3	514.8	.
Norway	227	196	72.0	25.1	2.9	0.5	11.9	0.0	542.7	527.9	538.2	572.1	527.0	.
Oman	357	351	55.0	40.6	4.4	0.9	0.4	0.0	436.2	424.1	431.4	435.5	395.6	.
Poland	254	254	66.3	33.4	0.4	0.0	0.0	0.0	549.5	542.9	526.3	.	.	.
Portugal	322	307	65.3	32.2	2.6	0.4	5.1	0.0	512.6	501.8	477.7	530.8	502.5	.
Qatar	227	227	79.5	19.3	1.2	0.0	0.0	0.0	444.2	410.0	330.7	.	.	.
Russian Federation	217	217	53.8	44.4	1.9	0.0	0.0	0.0	568.1	566.8	548.9	.	.	.
Saudi Arabia	189	188	56.3	37.2	6.5	0.0	0.5	0.0	404.3	376.7	351.1	.	351.8	.
Serbia	192	190	52.5	40.9	6.6	0.3	0.7	0.0	527.7	520.4	525.8	537.0	506.9	.
Singapore	358	352	64.1	32.3	3.6	0.3	1.5	0.0	599.1	575.9	570.1	529.9	598.2	.
Slovak Republic	328	327	51.5	45.3	3.2	0.0	0.7	0.0	529.8	512.7	470.9	.	567.2	.
Slovenia	256	242	28.5	64.1	7.3	0.2	5.4	0.0	546.7	542.9	532.7	505.9	533.3	.
Spain	393	377	74.3	22.7	3.0	0.0	4.1	0.0	524.6	505.1	456.2	.	519.3	.
Sweden	212	202	39.1	56.8	4.1	1.1	3.9	0.0	557.8	531.9	485.4	549.7	539.8	.
Turkey	251	251	49.0	43.5	7.5	0.0	0.0	0.0	496.9	473.2	454.3	.	.	.
United Arab Emirates	840	782	60.3	36.2	3.6	0.9	5.7	0.0	474.0	422.6	386.1	562.1	417.5	.
United States	492	436	56.9	35.6	7.5	0.0	12.7	0.0	559.6	531.3	509.7	505.7	547.0	.
International Avg (n=47)	13512	12912	57.3	38.6	4.0	0.3	3.7	0.0	513.1	497.6	478.7	514.5	501.2	.
Buenos Aires, Argentina	291	130	69.6	27.3	3.1	1.0	53.6	0.0	425.8	410.3	339.4	441.0	416.5	.
Ontario, Canada	275	253	53.8	42.7	3.4	1.9	6.3	0.0	533.5	531.5	497.2	541.8	512.1	.
Quebec, Canada	151	143	47.1	50.3	2.5	0.0	5.2	0.0	524.1	524.7	505.9	.	534.7	.
Norway (4)	223	198	70.0	26.0	4.0	0.0	9.9	0.0	496.1	494.0	435.8	.	491.1	.
Abu Dhabi, UAE	212	186	44.9	49.3	5.8	1.3	9.0	0.0	427.6	408.6	376.8	484.1	398.9	.
Dubai, UAE	290	278	70.5	28.2	1.3	1.4	2.2	0.0	535.8	472.0	399.8	660.6	512.5	.
Florida, US	120	93	54.6	33.3	12.2	0.9	20.6	0.0	565.1	539.7	516.7	499.0	542.1	.

Question: Problems With School Conditions and Resources - Teachers' Reports (Scale)  
 Location: Derived (ATBGSCR)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	438	5.7	0.0	0.6	10.6	13.6	3.2	7.9	8.4	9.2	10.7	12.0	13.6	13.6	13.6
Bahrain	345	340	1.9	0.0	0.0	10.8	13.6	3.2	7.4	8.2	9.2	10.7	13.6	13.6	13.6	13.6
Belgium (Flemish)	295	290	1.2	0.0	0.3	10.0	13.6	4.7	7.7	7.9	8.7	9.9	11.2	13.6	13.6	13.6
Bulgaria	233	233	0.0	0.0	0.0	10.6	13.6	4.7	7.4	8.2	9.2	10.7	12.0	13.6	13.6	13.6
Canada	699	649	5.5	0.0	1.9	10.2	13.6	3.2	7.7	8.2	8.9	10.2	11.2	12.0	13.6	13.6
Chile	180	160	6.9	0.0	3.3	10.4	13.6	4.7	7.1	7.7	8.9	10.7	12.0	13.6	13.6	13.6
Chinese Taipei	178	178	0.0	0.0	0.0	10.0	9.2	6.4	7.7	8.2	8.9	9.9	11.2	12.0	13.6	13.6
Croatia	223	220	1.5	0.0	0.0	9.5	9.2	4.7	6.0	7.1	8.4	9.2	10.7	13.6	13.6	13.6
Cyprus	242	238	1.1	0.0	0.5	9.9	8.9	6.0	7.4	7.9	8.9	9.5	11.2	13.6	13.6	13.6
Czech Republic	265	262	0.8	0.0	0.4	11.2	13.6	6.8	8.7	9.2	9.9	11.2	12.0	13.6	13.6	13.6
Denmark	196	168	11.8	0.0	0.5	9.2	9.5	5.5	6.8	7.4	8.2	8.9	10.2	11.2	12.0	13.6
England	214	194	5.1	0.0	0.0	10.8	13.6	6.4	7.9	8.4	9.5	10.7	12.0	13.6	13.6	13.6
Finland	341	329	4.3	0.0	0.0	9.5	8.9	6.0	7.1	7.7	8.4	9.2	10.2	12.0	13.6	13.6
France	273	262	4.0	0.0	0.1	9.2	8.4	4.7	6.8	7.4	8.2	8.9	10.2	11.2	13.6	13.6
Georgia	188	187	0.7	0.0	0.0	9.7	13.6	5.5	7.1	7.4	8.2	9.2	10.7	13.6	13.6	13.6
Germany	226	200	10.8	0.0	0.4	9.3	10.2	4.7	6.8	7.1	8.2	8.9	10.2	11.2	12.0	13.6
Hong Kong SAR	148	145	1.1	0.0	0.3	10.4	13.6	5.5	7.7	8.2	8.9	10.2	12.0	13.6	13.6	13.6
Hungary	244	238	1.1	0.0	1.5	9.3	8.2	3.2	6.4	7.1	7.9	8.9	10.2	12.0	13.6	13.6
Indonesia	293	292	0.0	0.0	0.3	8.0	7.9	3.2	4.7	5.5	6.8	7.9	9.2	10.7	12.0	13.6
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	9.1	9.5	4.7	6.4	7.4	8.2	9.2	9.9	11.2	12.0	13.6
Ireland	214	214	0.0	0.0	0.0	10.4	11.2	3.2	7.4	7.9	8.9	10.7	11.2	13.6	13.6	13.6
Italy	257	246	3.9	0.0	0.0	9.3	8.9	5.5	7.1	7.4	7.9	8.9	10.2	11.2	13.6	13.6
Japan	157	155	0.3	0.0	0.7	9.7	9.9	6.8	7.9	7.9	8.7	9.5	10.2	12.0	13.6	13.6
Kazakhstan	239	236	0.5	0.0	0.5	10.5	11.2	6.0	7.4	8.2	9.2	10.7	12.0	13.6	13.6	13.6
Korea, Rep. of	182	181	0.6	0.0	0.0	10.9	13.6	3.2	7.9	8.7	9.5	10.7	12.0	13.6	13.6	13.6
Kuwait	294	280	7.6	0.0	0.3	10.1	13.6	3.2	6.4	7.4	8.7	9.9	12.0	13.6	13.6	13.6
Lithuania	291	284	1.1	0.0	0.1	10.0	13.6	5.5	7.1	7.7	8.4	9.9	11.2	13.6	13.6	13.6
Morocco	367	349	4.4	0.0	0.6	8.3	7.4	3.2	4.7	5.9	6.8	8.2	9.5	11.2	13.6	13.6
Netherlands	223	171	21.4	0.0	0.0	10.1	11.2	6.4	7.7	8.2	8.7	9.9	11.2	12.0	13.6	13.6
New Zealand	461	442	2.2	0.0	1.1	10.6	13.6	6.0	7.9	8.4	9.2	10.2	12.0	13.6	13.6	13.6
Northern Ireland	154	130	17.4	0.0	0.5	10.8	13.6	6.4	8.2	8.4	9.5	10.7	12.0	13.6	13.6	13.6
Norway (5)	227	196	11.9	0.0	0.5	9.9	9.2	4.7	7.7	7.7	8.9	9.5	10.7	12.0	13.6	13.6
Oman	357	351	0.4	0.0	0.8	10.2	13.6	3.2	7.4	7.7	8.7	10.2	11.2	13.6	13.6	13.6
Poland	254	250	0.0	0.0	1.7	10.1	13.6	6.0	7.1	7.9	8.7	9.9	11.2	13.6	13.6	13.6
Portugal	322	307	5.1	0.0	0.4	9.9	13.6	4.7	7.1	7.4	8.4	9.5	11.2	13.6	13.6	13.6
Qatar	227	226	0.0	0.0	0.5	11.2	13.6	3.2	7.1	7.9	9.9	11.2	13.6	13.6	13.6	13.6
Russian Federation	217	216	0.0	0.0	0.4	10.2	10.7	6.0	7.9	8.2	9.2	10.2	11.2	12.0	13.6	13.6
Saudi Arabia	189	186	0.5	0.0	1.0	9.6	13.6	3.2	6.0	6.8	7.9	9.5	10.7	13.6	13.6	13.6
Serbia	192	190	0.7	0.0	0.3	9.3	13.6	4.7	6.4	6.8	7.7	8.9	10.7	12.0	13.6	13.6
Singapore	358	351	1.5	0.0	0.5	10.9	13.6	4.7	7.9	8.7	9.2	10.7	12.0	13.6	13.6	13.6
Slovak Republic	328	327	0.7	0.0	0.0	10.7	13.6	5.5	7.9	8.2	9.5	10.2	12.0	13.6	13.6	13.6
Slovenia	256	242	5.4	0.0	0.2	10.4	13.6	6.0	7.7	7.9	8.9	10.7	12.0	13.6	13.6	13.6
Spain	393	377	4.1	0.0	0.0	10.2	13.6	5.5	7.7	8.2	8.9	9.9	11.2	13.6	13.6	13.6
Sweden	212	202	3.9	0.0	1.1	9.3	8.7	5.5	7.1	7.4	8.2	8.9	10.2	11.2	13.6	13.6
Turkey	251	251	0.0	0.0	0.0	9.0	10.7	3.2	5.5	6.4	7.7	8.9	10.7	12.0	13.6	13.6
United Arab Emirates	840	782	5.8	0.0	0.8	11.0	13.6	4.7	7.7	8.2	9.5	10.7	13.6	13.6	13.6	13.6
United States	492	436	12.7	0.0	0.2	10.4	13.6	3.2	7.7	8.2	9.2	10.2	12.0	13.6	13.6	13.6
International Avg (n=47)	13512	12892	3.7	0.0	0.5	10.0	11.8	4.8	7.2	7.7	8.7	9.8	11.3	12.8	13.4	13.6
Buenos Aires, Argentina	291	131	53.6	0.0	0.3	10.2	13.6	5.5	6.8	7.3	8.9	9.9	12.0	13.6	13.6	13.6
Ontario, Canada	275	250	6.3	0.0	3.2	10.1	9.9	3.2	7.4	8.2	8.9	9.9	11.2	12.0	13.6	13.6
Quebec, Canada	151	142	5.2	0.0	1.1	10.1	11.2	6.0	7.4	7.9	8.9	9.9	11.2	13.6	13.6	13.6
Norway (4)	223	198	9.9	0.0	0.0	10.1	13.6	5.5	7.4	7.9	8.9	9.9	11.2	12.0	13.6	13.6
Abu Dhabi, UAE	212	187	9.0	0.0	0.9	10.8	13.6	6.4	7.7	7.9	9.2	10.7	13.6	13.6	13.6	13.6
Dubai, UAE	290	278	2.2	0.0	1.4	11.4	13.6	6.8	8.4	9.1	10.2	11.2	13.6	13.6	13.6	13.6
Florida, US	120	93	20.6	0.0	0.9	10.3	13.6	6.0	7.1	7.9	8.9	10.2	12.0	13.6	13.6	13.6

Question: Problems With School Conditions and Resources - Teachers' Reports (Index)  
 Location: Derived (ATDGSCR)

Country	Sample	Valid N	1. Hardly any problem ms %	2. Minor problem ms %	3. Modera te to severe problem ms %	Missin g %	Not admini stered %	Not applic able %	1. Hardly any problem ms Mean	2. Minor problem ms Mean	3. Modera te to severe problem ms Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	438	54.5	37.2	8.3	0.6	5.7	0.0	525.7	522.9	527.3	460.0	510.2	.
Bahrain	345	340	54.6	34.9	10.5	0.0	1.9	0.0	460.2	462.9	444.8	.	420.5	.
Belgium (Flemish)	295	290	35.3	48.7	15.9	0.3	1.2	0.0	512.2	511.3	511.3	525.6	500.5	.
Bulgaria	233	233	54.4	34.7	10.9	0.0	0.0	0.0	535.0	535.0	541.5	.	.	.
Canada	699	649	40.3	48.2	11.5	1.9	5.5	0.0	523.5	524.6	531.3	532.3	520.0	.
Chile	180	160	51.7	33.6	14.7	3.3	6.9	0.0	493.8	462.4	463.9	454.0	473.8	.
Chinese Taipei	178	178	32.7	53.2	14.1	0.0	0.0	0.0	556.1	553.9	558.7	.	.	.
Croatia	223	220	25.8	51.1	23.2	0.0	1.5	0.0	527.9	533.5	539.6	.	531.0	.
Cyprus	242	238	32.3	51.2	16.5	0.5	1.1	0.0	485.4	481.1	473.0	485.2	494.5	.
Czech Republic	265	262	65.8	30.1	4.1	0.4	0.8	0.0	535.7	533.4	517.7	552.0	542.1	.
Denmark	196	168	18.2	53.2	28.6	0.5	11.8	0.0	530.1	528.1	521.8	493.6	531.2	.
England	214	194	52.1	38.6	9.3	0.0	5.1	0.0	533.7	543.6	524.0	.	521.2	.
Finland	341	329	23.2	54.6	22.2	0.0	4.3	0.0	551.2	556.2	550.0	488.3	557.2	.
France	273	262	19.2	55.9	24.9	0.1	4.0	0.0	499.1	485.7	484.1	588.3	471.5	.
Georgia	188	187	28.2	45.8	26.0	0.0	0.7	0.0	466.7	445.9	444.3	.	438.4	.
Germany	226	200	24.2	43.1	32.7	0.4	10.8	0.0	540.9	523.8	523.3	526.8	534.0	.
Hong Kong SAR	148	145	46.8	42.6	10.6	0.3	1.1	0.0	564.5	552.4	538.6	558.8	549.3	.
Hungary	244	238	22.5	43.8	33.7	1.5	1.1	0.0	532.2	544.3	545.7	501.1	588.9	.
Indonesia	293	292	12.8	26.7	60.5	0.3	0.0	0.0	415.3	424.6	380.6	360.0	.	.
Iran, Islamic Rep. of	291	291	17.2	57.6	25.2	0.0	0.0	0.0	452.5	421.1	399.3	.	.	.
Ireland	214	214	50.6	34.2	15.2	0.0	0.0	0.0	530.3	527.5	527.4	.	.	.
Italy	257	246	22.0	43.9	34.1	0.0	3.9	0.0	523.2	516.4	512.2	.	517.3	.
Japan	157	155	21.8	62.4	15.7	0.7	0.3	0.0	568.8	568.5	571.3	577.8	545.1	.
Kazakhstan	239	236	51.2	38.7	10.1	0.5	0.5	0.0	551.4	550.6	536.0	574.9	529.8	.
Korea, Rep. of	182	181	56.8	35.4	7.8	0.0	0.6	0.0	590.4	590.4	576.5	.	594.1	.
Kuwait	294	280	41.7	38.1	20.2	0.3	7.6	0.0	343.6	335.8	332.2	365.2	323.0	.
Lithuania	291	284	35.6	47.2	17.2	0.1	1.1	0.0	527.1	528.8	528.6	456.3	492.7	.
Morocco	367	349	15.1	32.1	52.9	0.6	4.4	0.0	424.0	352.1	333.0	347.7	338.3	.
Netherlands	223	171	39.2	49.1	11.7	0.0	21.4	0.0	511.7	519.0	529.8	.	516.1	.
New Zealand	461	442	47.8	44.4	7.8	1.1	2.2	0.0	508.0	506.1	496.0	488.3	483.8	.
Northern Ireland	154	130	60.2	30.5	9.3	0.5	17.4	0.0	522.2	516.8	524.4	533.3	514.8	.
Norway	227	196	28.7	56.9	14.4	0.5	11.9	0.0	544.8	539.5	524.3	572.1	527.0	.
Oman	357	351	41.7	43.1	15.2	0.8	0.4	0.0	427.4	438.4	420.0	441.5	395.6	.
Poland	254	250	41.8	41.3	16.8	1.7	0.0	0.0	548.6	547.0	543.0	559.4	.	.
Portugal	322	307	34.3	44.8	20.9	0.4	5.1	0.0	512.8	508.8	499.6	530.8	502.5	.
Qatar	227	226	62.5	24.5	13.0	0.5	0.0	0.0	437.9	425.3	449.3	433.9	.	.
Russian Federation	217	216	42.0	45.3	12.7	0.4	0.0	0.0	571.5	563.2	567.8	552.6	.	.
Saudi Arabia	189	186	29.1	39.8	31.2	1.0	0.5	0.0	397.7	392.1	382.4	373.5	351.8	.
Serbia	192	190	25.0	40.5	34.5	0.3	0.7	0.0	525.2	519.8	529.8	537.0	506.9	.
Singapore	358	351	55.6	38.5	5.9	0.5	1.5	0.0	588.8	592.6	595.3	528.3	598.2	.
Slovak Republic	328	327	48.6	40.7	10.7	0.0	0.7	0.0	516.5	523.6	523.3	.	567.2	.
Slovenia	256	242	50.1	33.2	16.7	0.2	5.4	0.0	541.5	541.1	552.3	505.9	533.3	.
Spain	393	377	38.6	46.2	15.2	0.0	4.1	0.0	521.8	516.0	515.4	.	519.3	.
Sweden	212	202	23.4	50.7	25.9	1.1	3.9	0.0	549.6	538.7	534.3	549.7	539.8	.
Turkey	251	251	26.8	37.5	35.7	0.0	0.0	0.0	509.9	485.8	461.0	.	.	.
United Arab Emirates	840	782	56.8	31.8	11.4	0.8	5.8	0.0	466.4	446.5	396.4	600.4	417.8	.
United States	492	436	43.3	45.3	11.4	0.2	12.7	0.0	552.8	544.8	523.7	470.9	547.0	.
International Avg (n=47)	13512	12892	38.3	42.6	19.1	0.5	3.7	0.0	511.8	506.0	500.1	500.8	501.2	.
Buenos Aires, Argentina	291	131	35.1	48.3	16.6	0.3	53.6	0.0	438.6	414.8	390.9	448.2	416.5	.
Ontario, Canada	275	250	35.6	50.8	13.6	3.2	6.3	0.0	533.3	529.5	532.0	543.5	512.1	.
Quebec, Canada	151	142	37.7	50.4	11.9	1.1	5.2	0.0	527.3	519.1	539.4	471.8	534.7	.
Norway (4)	223	198	38.3	48.9	12.8	0.0	9.9	0.0	496.6	492.5	485.7	.	491.1	.
Abu Dhabi, UAE	212	187	50.7	34.1	15.2	0.9	9.0	0.0	411.7	435.2	380.1	545.9	398.9	.
Dubai, UAE	290	278	65.3	30.5	4.2	1.4	2.2	0.0	531.0	494.5	439.0	660.6	512.5	.
Florida, US	120	93	43.7	39.7	16.5	0.9	20.6	0.0	555.3	545.0	552.6	499.0	542.1	.

Question: Teachers' Job Satisfaction (Scale)  
 Location: Derived (ATBGTS)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	437	5.7	0.0	1.1	10.3	12.4	4.3	7.0	7.9	8.9	10.7	12.4	12.4	12.4	12.4
Bahrain	345	339	1.9	0.0	0.4	10.3	12.4	4.3	7.0	7.4	8.4	10.7	12.4	12.4	12.4	12.4
Belgium (Flemish)	295	289	1.2	0.0	0.5	9.9	12.4	4.3	7.0	7.4	8.4	9.8	12.4	12.4	12.4	12.4
Bulgaria	233	232	0.0	0.0	0.5	9.7	12.4	4.3	6.6	7.0	8.4	9.8	11.3	12.4	12.4	12.4
Canada	699	650	5.5	0.0	1.5	10.1	12.4	4.3	6.6	7.4	8.9	10.2	12.4	12.4	12.4	12.4
Chile	180	159	6.9	0.0	4.4	10.7	12.4	6.6	7.9	8.4	9.8	10.7	12.4	12.4	12.4	12.4
Chinese Taipei	178	178	0.0	0.0	0.0	9.8	12.4	4.3	6.1	7.0	8.4	9.8	12.4	12.4	12.4	12.4
Croatia	223	220	1.5	0.0	0.0	10.6	12.4	6.6	7.9	7.9	8.9	11.3	12.4	12.4	12.4	12.4
Cyprus	242	238	1.1	0.0	0.5	9.6	12.4	4.3	6.6	6.6	8.4	9.4	11.3	12.4	12.4	12.4
Czech Republic	265	263	0.8	0.0	0.0	9.3	12.4	4.3	6.1	6.6	7.9	9.3	11.3	12.4	12.4	12.4
Denmark	196	169	11.8	0.0	0.0	9.1	12.4	4.3	5.4	6.6	7.4	8.4	10.7	12.4	12.4	12.4
England	214	194	5.1	0.0	0.0	9.4	12.4	4.3	5.4	6.6	7.9	9.3	11.3	12.4	12.4	12.4
Finland	341	329	4.3	0.0	0.2	9.8	12.4	4.3	7.0	7.4	8.4	9.8	11.3	12.4	12.4	12.4
France	273	261	4.0	0.0	0.3	8.9	8.4	4.3	6.1	6.6	7.8	8.9	10.2	11.3	12.4	12.4
Georgia	188	187	0.7	0.0	0.0	10.7	12.4	6.6	7.9	8.4	9.8	10.7	12.4	12.4	12.4	12.4
Germany	226	201	10.8	0.0	0.0	9.9	12.4	4.3	7.0	7.9	8.9	9.8	11.3	12.4	12.4	12.4
Hong Kong SAR	148	144	1.1	0.0	0.9	8.9	8.4	4.3	5.4	6.1	7.4	8.4	10.7	12.4	12.4	12.4
Hungary	244	238	1.1	0.0	1.5	9.7	8.4	4.3	7.0	7.4	8.4	9.8	11.3	12.4	12.4	12.4
Indonesia	293	289	0.0	0.0	1.4	10.4	12.4	4.3	7.4	7.9	8.9	10.7	12.4	12.4	12.4	12.4
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	11.3	12.4	4.3	8.4	9.3	10.7	11.3	12.4	12.4	12.4	12.4
Ireland	214	214	0.0	0.0	0.0	10.3	12.4	4.3	6.6	7.4	8.9	10.7	12.4	12.4	12.4	12.4
Italy	257	245	3.9	0.0	0.4	9.6	12.4	4.3	6.6	7.0	8.4	9.8	11.3	12.4	12.4	12.4
Japan	157	156	0.3	0.0	0.0	8.9	8.4	4.3	5.4	6.1	7.9	8.4	10.2	12.4	12.4	12.4
Kazakhstan	239	234	0.5	0.0	1.3	10.8	12.4	7.0	8.4	8.4	9.3	11.3	12.4	12.4	12.4	12.4
Korea, Rep. of	182	181	0.6	0.0	0.0	10.2	12.4	4.3	6.6	7.9	8.4	10.7	12.4	12.4	12.4	12.4
Kuwait	294	281	7.6	0.0	0.0	10.3	12.4	4.3	6.1	7.4	8.9	10.7	12.4	12.4	12.4	12.4
Lithuania	291	285	1.1	0.0	0.8	10.0	12.4	4.3	7.0	7.4	8.4	9.8	11.3	12.4	12.4	12.4
Morocco	367	352	4.4	0.0	0.0	10.1	12.4	4.3	7.0	7.4	8.4	10.2	12.4	12.4	12.4	12.4
Netherlands	223	171	21.4	0.0	0.0	9.9	12.4	5.4	6.6	7.4	8.4	10.2	11.3	12.4	12.4	12.4
New Zealand	461	440	2.2	0.0	2.5	9.8	12.4	4.3	6.6	7.0	8.4	10.2	11.3	12.4	12.4	12.4
Northern Ireland	154	129	17.4	0.0	1.3	10.3	12.4	6.1	7.0	7.4	8.4	10.7	12.4	12.4	12.4	12.4
Norway (5)	227	196	11.9	0.0	0.5	9.9	12.4	4.3	6.6	7.4	8.4	9.8	11.3	12.4	12.4	12.4
Oman	357	352	0.4	0.0	0.8	10.7	12.4	4.3	7.0	8.4	9.8	11.3	12.4	12.4	12.4	12.4
Poland	254	254	0.0	0.0	0.0	9.0	8.4	4.3	6.1	6.6	7.4	8.9	10.2	12.4	12.4	12.4
Portugal	322	305	5.1	0.0	0.8	10.1	12.4	5.4	7.0	7.9	8.9	10.2	11.3	12.4	12.4	12.4
Qatar	227	224	0.0	0.0	0.8	11.1	12.4	4.3	7.4	8.4	9.8	12.4	12.4	12.4	12.4	12.4
Russian Federation	217	217	0.0	0.0	0.0	9.9	12.4	4.3	7.4	7.9	8.4	9.8	11.3	12.4	12.4	12.4
Saudi Arabia	189	187	0.5	0.0	0.4	10.2	12.4	4.3	7.4	7.9	8.9	10.7	12.4	12.4	12.4	12.4
Serbia	192	190	0.0	0.0	1.3	10.6	12.4	5.4	7.4	8.4	9.3	10.7	12.4	12.4	12.4	12.4
Singapore	358	351	1.5	0.0	0.7	9.2	8.4	4.3	5.4	6.1	7.9	8.4	11.3	12.4	12.4	12.4
Slovak Republic	328	326	0.7	0.0	0.3	9.7	12.4	4.3	6.1	6.6	8.4	9.8	12.4	12.4	12.4	12.4
Slovenia	256	242	5.4	0.0	0.2	10.1	12.4	6.1	7.4	7.9	8.9	10.2	11.3	12.4	12.4	12.4
Spain	393	374	4.1	0.0	1.1	10.3	12.4	4.3	7.0	7.9	8.9	10.2	12.4	12.4	12.4	12.4
Sweden	212	205	3.9	0.0	0.0	9.5	12.4	4.3	7.0	7.0	8.4	9.3	10.7	12.4	12.4	12.4
Turkey	251	250	0.0	0.0	0.2	10.3	12.4	4.3	7.4	7.9	9.3	10.2	11.3	12.4	12.4	12.4
United Arab Emirates	840	773	5.8	0.0	1.9	10.6	12.4	4.3	7.0	7.9	9.3	11.3	12.4	12.4	12.4	12.4
United States	492	434	12.7	0.0	0.5	9.8	12.4	4.3	5.4	7.0	8.4	9.8	12.4	12.4	12.4	12.4
International Avg (n=47)	13512	12876	3.7	0.0	0.6	10.0	11.9	4.7	6.8	7.5	8.6	10.1	11.7	12.4	12.4	12.4
Buenos Aires, Argentina	291	131	53.6	0.0	0.3	11.1	12.4	5.4	7.9	8.4	10.2	11.3	12.4	12.4	12.4	12.4
Ontario, Canada	275	251	6.3	0.0	2.9	10.1	12.4	4.3	6.6	7.4	8.4	10.2	12.4	12.4	12.4	12.4
Quebec, Canada	151	143	5.2	0.0	0.0	10.1	12.4	4.3	7.0	7.4	8.9	10.2	12.4	12.4	12.4	12.4
Norway (4)	223	198	9.9	0.0	0.0	9.8	12.4	4.3	6.1	7.4	8.4	9.8	12.4	12.4	12.4	12.4
Abu Dhabi, UAE	212	185	9.0	0.0	2.2	10.3	12.4	4.3	6.1	7.9	8.4	10.7	12.4	12.4	12.4	12.4
Dubai, UAE	290	273	2.4	0.0	2.6	10.5	12.4	5.4	7.0	7.9	8.9	10.7	12.4	12.4	12.4	12.4
Florida, US	120	93	20.6	0.0	0.9	9.6	12.4	4.3	6.1	6.6	8.4	9.8	11.3	12.4	12.4	12.4



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

Country	Sample	Valid N	1. Satisf ied %	2. Somewh at satisf ied %	3. Not satisf ied %	Missin g %	Not admini stered %	Not applic able %	1. Satisf ied Mean	2. Somewh at satisf ied Mean	3. Not satisf ied Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	437	54.1	42.6	3.3	1.1	5.7	0.0	525.9	525.3	507.7	473.9	510.2	.
Bahrain	345	339	60.9	34.3	4.8	0.4	1.9	0.0	463.2	452.9	455.1	535.4	420.5	.
Belgium (Flemish)	295	289	48.4	47.5	4.2	0.5	1.2	0.0	511.1	512.7	502.0	543.4	500.5	.
Bulgaria	233	232	47.8	43.9	8.4	0.5	0.0	0.0	535.0	540.8	513.4	530.0	.	.
Canada	699	650	54.3	40.5	5.2	1.5	5.5	0.0	524.2	524.0	537.1	542.0	520.0	.
Chile	180	159	66.8	31.5	1.7	4.4	6.9	0.0	482.7	473.3	470.7	447.5	473.8	.
Chinese Taipei	178	178	48.7	41.3	10.0	0.0	0.0	0.0	556.8	555.0	549.2	.	.	.
Croatia	223	220	63.8	35.2	1.0	0.0	1.5	0.0	533.9	532.0	558.4	.	531.0	.
Cyprus	242	238	44.6	45.4	10.0	0.5	1.1	0.0	483.9	476.3	490.4	485.2	494.5	.
Czech Republic	265	263	36.7	52.0	11.3	0.0	0.8	0.0	535.8	534.8	527.4	.	542.1	.
Denmark	196	169	37.4	48.5	14.1	0.0	11.8	0.0	528.0	523.9	531.9	.	530.3	.
England	214	194	43.4	43.2	13.4	0.0	5.1	0.0	538.9	536.9	528.3	.	521.2	.
Finland	341	329	44.2	51.0	4.8	0.2	4.3	0.0	554.6	553.5	547.8	537.7	557.2	.
France	273	261	30.3	55.6	14.0	0.3	4.0	0.0	492.0	489.2	475.4	472.8	471.5	.
Georgia	188	187	68.6	31.0	0.4	0.0	0.7	0.0	454.2	444.6	475.5	.	438.4	.
Germany	226	201	43.4	52.2	4.4	0.0	10.8	0.0	530.3	525.3	531.9	.	534.0	.
Hong Kong SAR	148	144	32.9	52.8	14.3	0.9	1.1	0.0	569.5	552.4	542.0	564.6	549.3	.
Hungary	244	238	43.5	53.9	2.6	1.5	1.1	0.0	543.1	542.7	513.5	501.1	588.9	.
Indonesia	293	289	60.1	37.7	2.2	1.4	0.0	0.0	396.8	396.5	347.9	470.1	.	.
Iran, Islamic Rep. of	291	291	83.2	16.2	0.6	0.0	0.0	0.0	419.4	429.7	402.7	.	.	.
Ireland	214	214	61.5	33.4	5.1	0.0	0.0	0.0	530.5	528.0	515.3	.	.	.
Italy	257	245	44.9	46.0	9.2	0.4	3.9	0.0	513.7	520.7	508.3	527.2	517.3	.
Japan	157	156	27.3	58.2	14.6	0.0	0.3	0.0	569.1	571.0	561.5	.	545.1	.
Kazakhstan	239	234	64.4	35.6	0.0	1.3	0.5	0.0	553.4	546.3	.	462.1	529.8	.
Korea, Rep. of	182	181	56.3	38.0	5.7	0.0	0.6	0.0	592.0	585.9	585.4	.	594.1	.
Kuwait	294	281	61.8	31.8	6.3	0.0	7.6	0.0	340.8	340.4	304.4	.	323.0	.
Lithuania	291	285	49.7	46.2	4.2	0.8	1.1	0.0	529.7	524.7	543.5	536.9	492.7	.
Morocco	367	352	56.5	39.0	4.5	0.0	4.4	0.0	361.1	342.2	341.5	.	338.3	.
Netherlands	223	171	52.7	39.9	7.3	0.0	21.4	0.0	517.0	518.3	515.6	.	516.1	.
New Zealand	461	440	50.1	42.9	6.9	2.5	2.2	0.0	511.0	501.3	498.9	507.7	483.8	.
Northern Ireland	154	129	59.5	36.8	3.7	1.3	17.4	0.0	522.2	519.7	514.3	510.3	514.8	.
Norway	227	196	48.1	46.6	5.3	0.5	11.9	0.0	540.0	537.9	536.5	572.1	527.0	.
Oman	357	352	72.5	24.0	3.5	0.8	0.4	0.0	430.6	436.0	405.0	442.2	395.6	.
Poland	254	254	28.4	61.6	10.0	0.0	0.0	0.0	549.3	546.0	548.6	.	.	.
Portugal	322	305	51.0	44.8	4.3	0.8	5.1	0.0	513.3	503.9	489.1	541.0	502.5	.
Qatar	227	224	74.7	23.4	1.9	0.8	0.0	0.0	438.4	426.6	462.5	459.2	.	.
Russian Federation	217	217	46.9	52.3	0.9	0.0	0.0	0.0	563.7	570.3	567.5	.	.	.
Saudi Arabia	189	187	55.3	41.0	3.7	0.4	0.5	0.0	403.3	373.9	374.8	481.5	351.8	.
Serbia	192	190	66.0	31.2	2.7	1.3	0.0	0.0	526.4	521.0	523.0	516.7	.	.
Singapore	358	351	35.1	52.7	12.2	0.7	1.5	0.0	595.9	585.1	600.2	534.6	598.2	.
Slovak Republic	328	326	46.6	40.7	12.7	0.3	0.7	0.0	523.1	519.8	510.2	514.0	567.2	.
Slovenia	256	242	52.5	47.3	0.2	0.2	5.4	0.0	543.7	542.6	540.1	505.9	533.3	.
Spain	393	374	60.1	35.0	4.9	1.1	4.1	0.0	523.8	512.7	500.1	465.8	519.3	.
Sweden	212	205	36.6	59.0	4.3	0.0	3.9	0.0	545.3	537.9	528.4	.	539.8	.
Turkey	251	250	55.9	41.2	2.8	0.2	0.0	0.0	491.4	473.3	471.9	466.0	.	.
United Arab Emirates	840	773	66.8	28.6	4.6	1.9	5.8	0.0	459.8	440.7	415.0	503.6	417.9	.
United States	492	434	47.0	43.9	9.1	0.5	12.7	0.0	549.0	544.6	535.7	522.5	547.0	.
International Avg (n=47)	13512	12876	51.9	42.1	6.0	0.6	3.7	0.0	508.9	504.1	498.0	505.8	501.0	.
Buenos Aires, Argentina	291	131	78.2	21.3	0.5	0.3	53.6	0.0	427.9	388.2	369.3	448.2	416.5	.
Ontario, Canada	275	251	52.9	40.6	6.5	2.9	6.3	0.0	529.0	532.6	541.3	541.7	512.1	.
Quebec, Canada	151	143	53.5	42.0	4.4	0.0	5.2	0.0	525.8	520.8	531.3	.	534.7	.
Norway (4)	223	198	48.8	42.8	8.4	0.0	9.9	0.0	499.1	488.3	484.5	.	491.1	.
Abu Dhabi, UAE	212	185	61.4	32.4	6.1	2.2	9.0	0.0	419.0	413.9	369.7	494.5	398.9	.
Dubai, UAE	290	273	64.2	32.3	3.5	2.6	2.4	0.0	524.1	501.6	503.0	593.3	508.2	.
Florida, US	120	93	44.7	44.9	10.4	0.9	20.6	0.0	561.0	548.6	516.4	499.0	542.1	.

Question: Challenges Facing Teachers (Scale)

Location: Derived (ATBGCF)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	436	5.7	0.0	0.6	9.4	9.8	1.9	7.1	7.6	8.1	9.4	10.5	11.6	12.4	15.2
Bahrain	345	339	1.9	0.0	0.4	10.5	10.5	1.9	7.1	8.1	9.0	10.5	11.6	13.8	14.4	18.4
Belgium (Flemish)	295	290	1.2	0.0	0.3	10.0	10.1	6.4	7.6	8.1	9.0	10.1	10.8	11.6	12.0	16.3
Bulgaria	233	231	0.0	0.0	0.6	10.5	10.8	5.5	8.1	8.6	9.4	10.5	11.2	12.4	13.3	18.4
Canada	699	651	5.5	0.0	1.3	9.5	9.4	1.9	6.4	7.1	8.6	9.4	10.5	11.6	12.0	18.4
Chile	180	162	6.9	0.0	2.5	9.0	8.1	4.3	5.5	6.4	8.1	9.0	10.1	11.6	12.4	16.3
Chinese Taipei	178	178	0.0	0.0	0.0	11.1	10.5	6.4	8.1	9.0	10.1	10.8	12.0	12.8	13.8	18.4
Croatia	223	220	1.5	0.0	0.0	10.0	10.1	1.9	7.1	8.1	9.4	10.1	10.8	12.0	12.4	13.8
Cyprus	242	237	1.1	0.0	0.7	9.8	9.4	6.4	7.1	7.6	9.0	9.8	10.8	11.2	12.4	13.8
Czech Republic	265	263	0.8	0.0	0.0	10.5	10.1	1.9	7.6	8.6	9.8	10.5	11.2	12.8	13.8	15.2
Denmark	196	169	11.8	0.0	0.0	9.3	9.0	5.5	6.4	7.1	8.1	9.0	10.5	11.6	12.4	13.8
England	214	193	5.1	0.0	0.5	9.2	8.6	1.9	5.5	6.4	7.6	9.0	10.5	12.0	13.3	18.4
Finland	341	330	4.3	0.0	0.0	11.0	11.6	7.6	9.0	9.4	10.1	10.8	12.0	12.8	12.8	18.4
France	273	263	4.0	0.0	0.0	8.7	9.8	1.9	6.4	7.1	7.6	9.0	9.8	10.1	10.5	13.3
Georgia	188	187	0.7	0.0	0.0	11.9	11.2	8.3	9.4	9.8	10.8	11.6	12.8	13.8	15.0	18.4
Germany	226	201	10.8	0.0	0.0	9.8	9.0	4.3	7.1	8.1	8.6	9.8	10.8	11.6	12.8	15.2
Hong Kong SAR	148	145	1.1	0.0	0.3	9.7	9.0	1.9	7.1	7.6	8.6	9.8	10.8	11.6	12.8	13.8
Hungary	244	237	1.1	0.0	2.1	9.2	9.4	1.9	5.5	7.1	8.1	9.4	10.5	11.2	12.8	14.3
Indonesia	293	293	0.0	0.0	0.0	10.4	10.1	4.3	7.6	8.6	9.4	10.5	11.2	12.0	12.8	18.4
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	9.6	8.6	1.9	6.4	7.1	8.6	9.8	10.8	12.0	12.4	18.4
Ireland	214	214	0.0	0.0	0.0	9.4	8.1	1.9	6.4	7.1	8.1	9.4	10.8	11.6	12.4	15.2
Italy	257	246	3.9	0.0	0.0	10.8	9.4	4.3	8.1	8.1	9.4	10.5	12.0	13.3	14.4	18.4
Japan	157	156	0.3	0.0	0.0	9.7	11.2	5.5	7.1	7.6	9.0	9.8	10.8	11.2	11.6	12.4
Kazakhstan	239	236	0.5	0.0	0.7	10.8	10.8	5.5	9.0	9.4	10.1	10.8	11.2	12.4	13.3	17.9
Korea, Rep. of	182	181	0.6	0.0	0.0	9.3	8.6	1.9	6.4	7.1	8.6	9.4	10.5	11.6	12.4	18.4
Kuwait	294	281	7.6	0.0	0.0	10.6	9.8	1.9	7.1	7.6	9.4	10.5	11.6	13.3	13.8	18.4
Lithuania	291	285	1.1	0.0	0.0	11.0	10.5	4.3	9.0	9.4	9.8	10.8	12.0	12.8	13.3	18.4
Morocco	367	349	4.4	0.0	0.6	10.1	9.4	1.9	7.1	7.6	9.0	10.1	11.2	12.4	13.3	16.3
Netherlands	223	171	21.4	0.0	0.0	9.5	9.4	5.5	7.6	7.6	8.6	9.4	10.5	12.0	12.4	14.4
New Zealand	461	444	2.2	0.0	1.1	9.4	9.4	1.9	6.4	7.1	8.1	9.4	10.5	12.0	12.8	16.3
Northern Ireland	154	130	17.4	0.0	0.8	9.1	8.6	4.3	6.4	6.4	8.1	9.0	10.5	11.6	12.4	18.4
Norway (5)	227	196	11.9	0.0	0.5	9.7	8.6	1.9	7.1	7.6	8.6	9.4	10.5	12.0	13.3	18.4
Oman	357	349	0.4	0.0	1.3	9.9	9.4	1.9	7.1	7.6	8.6	9.8	10.8	12.0	13.3	18.4
Poland	254	254	0.0	0.0	0.0	11.7	12.0	6.4	9.4	9.8	10.6	11.6	12.4	13.8	14.4	18.4
Portugal	322	305	5.1	0.0	0.8	8.5	7.1	4.3	5.5	6.4	7.1	8.1	9.4	10.8	11.6	18.4
Qatar	227	226	0.0	0.0	0.5	11.2	10.5	1.9	8.1	8.6	9.8	11.2	12.8	13.3	14.4	18.4
Russian Federation	217	217	0.0	0.0	0.0	11.2	11.6	7.6	9.0	9.8	10.5	11.2	12.0	12.8	13.8	15.2
Saudi Arabia	189	188	0.5	0.0	0.0	10.0	9.0	5.5	6.4	7.1	9.0	10.1	11.2	12.4	12.8	18.4
Serbia	192	191	0.1	0.0	0.0	9.7	10.1	4.3	6.4	7.6	8.6	9.8	10.8	12.0	12.8	15.2
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	0.7	0.0	0.3	10.4	9.4	1.9	7.6	8.1	9.4	10.5	11.6	12.8	13.8	18.4
Slovenia	256	242	5.4	0.0	0.2	9.1	9.0	1.9	6.4	7.6	8.6	9.4	10.1	10.5	11.2	13.3
Spain	393	377	4.1	0.0	0.0	9.2	9.0	4.3	6.4	7.1	8.1	9.4	10.5	11.6	12.0	14.4
Sweden	212	205	3.9	0.0	0.0	9.6	9.0	1.9	7.1	7.6	9.0	9.4	10.5	11.6	12.4	15.2
Turkey	251	251	0.0	0.0	0.0	11.4	9.4	5.5	8.6	9.0	9.8	11.2	12.8	14.4	15.2	18.4
United Arab Emirates	840	782	5.7	0.0	0.9	10.5	10.1	1.9	7.1	7.6	9.0	10.5	11.6	13.3	14.4	18.4
United States	492	436	12.7	0.0	0.2	9.8	10.1	1.9	6.4	7.1	8.6	9.8	10.8	12.4	13.3	18.4
International Avg (n=46)	13512	12554	3.8	0.0	0.4	10.0	9.7	3.7	7.2	7.9	9.0	10.0	11.1	12.2	13.0	16.7
Buenos Aires, Argentina	291	129	53.8	0.0	0.8	9.9	8.6	6.4	7.3	7.6	8.6	9.4	11.2	12.8	13.8	15.2
Ontario, Canada	275	252	6.3	0.0	2.6	9.6	9.4	5.5	7.1	7.1	8.6	9.8	10.5	11.6	12.4	16.3
Quebec, Canada	151	143	5.2	0.0	0.0	9.2	9.0	1.9	5.5	6.4	8.1	9.4	10.5	11.2	12.0	18.4
Norway (4)	223	197	9.9	0.0	0.5	9.5	9.8	1.9	7.1	7.1	8.1	9.8	10.5	11.6	12.0	15.2
Abu Dhabi, UAE	212	187	9.0	0.0	0.9	10.2	8.6	4.3	7.1	7.6	9.0	10.1	11.6	12.4	13.8	18.4
Dubai, UAE	290	278	2.2	0.0	1.4	10.6	11.2	1.9	7.1	8.1	9.0	10.5	11.6	13.8	14.4	18.4
Florida, US	120	93	20.6	0.0	0.9	9.7	9.0	1.9	7.6	7.6	8.6	9.4	10.5	11.2	12.4	18.4

Question: Challenges Facing Teachers (Index)  
 Location: Derived (ATDGCFT)

Country	Sample	Valid N	1. Few challe nges %	2. Some challe nges %	3. A lot of challe nges %	Missin g %	Not admini stered %	Not applic able %	1. Few challe nges Mean	2. Some challe nges Mean	3. A lot of challe nges Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	436	26.0	67.5	6.6	0.6	5.7	0.0	532.3	521.8	526.2	471.8	510.2	.
Bahrain	345	339	50.4	44.1	5.5	0.4	1.9	0.0	458.8	462.0	441.7	535.4	420.5	.
Belgium (Flemish)	295	290	40.3	56.0	3.7	0.3	1.2	0.0	504.5	515.6	529.3	525.6	500.5	.
Bulgaria	233	231	56.5	40.9	2.6	0.6	0.0	0.0	534.8	535.4	556.9	543.4	.	.
Canada	699	651	31.6	57.0	11.4	1.3	5.5	0.0	518.4	527.0	531.2	546.1	520.0	.
Chile	180	162	23.3	59.5	17.2	2.5	6.9	0.0	486.0	475.7	475.2	477.8	473.8	.
Chinese Taipei	178	178	66.3	31.0	2.7	0.0	0.0	0.0	554.2	558.4	545.5	.	.	.
Croatia	223	220	45.7	47.9	6.4	0.0	1.5	0.0	531.5	535.4	533.5	.	531.0	.
Cyprus	242	237	35.4	59.0	5.5	0.7	1.1	0.0	486.3	478.1	477.6	504.8	494.5	.
Czech Republic	265	263	50.9	45.9	3.2	0.0	0.8	0.0	531.8	537.5	529.2	.	542.1	.
Denmark	196	169	27.1	59.3	13.5	0.0	11.8	0.0	530.5	523.5	532.3	.	530.3	.
England	214	193	28.3	52.5	19.2	0.5	5.1	0.0	539.2	535.6	536.8	484.4	521.2	.
Finland	341	330	69.1	30.9	0.0	0.0	4.3	0.0	552.4	556.5	.	.	557.2	.
France	273	263	8.0	77.4	14.5	0.0	4.0	0.0	488.2	489.7	479.5	.	471.5	.
Georgia	188	187	84.9	15.1	0.0	0.0	0.7	0.0	454.5	433.5	.	.	438.4	.
Germany	226	201	39.1	54.8	6.2	0.0	10.8	0.0	527.3	528.3	526.4	.	534.0	.
Hong Kong SAR	148	145	33.8	58.2	8.0	0.3	1.1	0.0	564.8	552.5	552.1	558.8	549.3	.
Hungary	244	237	28.8	54.8	16.4	2.1	1.1	0.0	529.1	548.8	548.5	468.2	588.9	.
Indonesia	293	293	50.4	45.8	3.8	0.0	0.0	0.0	401.3	393.7	371.3	.	.	.
Iran, Islamic Rep. of	291	291	37.0	52.1	10.9	0.0	0.0	0.0	424.8	415.9	432.3	.	.	.
Ireland	214	214	32.9	52.9	14.2	0.0	0.0	0.0	529.1	528.6	529.6	.	.	.
Italy	257	246	57.7	39.3	3.1	0.0	3.9	0.0	514.4	519.4	518.5	.	517.3	.
Japan	157	156	36.7	56.1	7.3	0.0	0.3	0.0	567.3	569.8	572.6	.	545.1	.
Kazakhstan	239	236	65.3	34.2	0.6	0.7	0.5	0.0	553.2	546.7	505.5	403.7	529.8	.
Korea, Rep. of	182	181	29.8	55.6	14.6	0.0	0.6	0.0	590.7	587.7	592.6	.	594.1	.
Kuwait	294	281	54.3	38.8	6.9	0.0	7.6	0.0	346.4	328.1	332.9	.	323.0	.
Lithuania	291	285	65.9	32.8	1.3	0.0	1.1	0.0	524.6	535.5	522.8	374.7	492.7	.
Morocco	367	349	46.4	47.3	6.3	0.6	4.4	0.0	366.2	344.5	309.9	424.5	338.3	.
Netherlands	223	171	27.1	69.3	3.6	0.0	21.4	0.0	508.7	519.9	534.4	.	516.1	.
New Zealand	461	444	31.3	54.5	14.2	1.1	2.2	0.0	498.7	507.9	515.9	494.5	483.8	.
Northern Ireland	154	130	25.3	57.3	17.4	0.8	17.4	0.0	525.9	517.4	524.8	521.0	514.8	.
Norway	227	196	30.3	61.9	7.8	0.5	11.9	0.0	543.4	537.0	535.4	572.1	527.0	.
Oman	357	349	34.5	59.4	6.1	1.3	0.4	0.0	426.5	434.3	434.1	391.5	395.6	.
Poland	254	254	83.5	16.1	0.4	0.0	0.0	0.0	545.5	554.6	595.0	.	.	.
Portugal	322	305	14.0	55.8	30.3	0.8	5.1	0.0	521.4	506.2	505.4	541.0	502.5	.
Qatar	227	226	69.9	27.1	3.0	0.5	0.0	0.0	440.9	429.4	390.2	433.9	.	.
Russian Federation	217	217	78.0	22.0	0.0	0.0	0.0	0.0	570.1	556.9	.	.	.	.
Saudi Arabia	189	188	44.1	44.9	11.0	0.0	0.5	0.0	400.5	387.1	365.0	.	351.8	.
Serbia	192	191	33.0	59.4	7.7	0.0	0.1	0.0	516.5	529.9	517.7	.	478.0	.
Singapore	358	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovak Republic	328	326	52.6	43.2	4.2	0.3	0.7	0.0	518.8	521.6	517.4	574.0	567.2	.
Slovenia	256	242	17.0	74.1	8.9	0.2	5.4	0.0	540.8	544.4	537.8	505.9	533.3	.
Spain	393	377	27.7	58.3	14.0	0.0	4.1	0.0	519.7	517.5	517.8	.	519.3	.
Sweden	212	205	27.2	65.7	7.0	0.0	3.9	0.0	545.4	538.6	535.6	.	539.8	.
Turkey	251	251	68.5	29.3	2.2	0.0	0.0	0.0	483.9	483.0	473.7	.	.	.
United Arab Emirates	840	782	51.7	40.8	7.5	0.9	5.7	0.0	467.5	437.5	426.4	573.6	417.5	.
United States	492	436	35.9	53.8	10.4	0.2	12.7	0.0	542.0	546.6	555.8	470.9	547.0	.
International Avg (n=46)	13512	12554	42.9	49.1	8.0	0.4	3.8	0.0	505.6	503.4	499.8	495.5	497.8	.
Buenos Aires, Argentina	291	129	34.0	61.5	4.4	0.8	53.8	0.0	430.9	412.1	440.1	419.7	416.2	.
Ontario, Canada	275	252	33.9	55.5	10.6	2.6	6.3	0.0	522.7	535.2	537.3	546.2	512.1	.
Quebec, Canada	151	143	29.5	57.0	13.5	0.0	5.2	0.0	518.2	527.8	520.1	.	534.7	.
Norway (4)	223	197	33.8	54.9	11.2	0.5	9.9	0.0	494.7	491.1	498.7	499.4	491.1	.
Abu Dhabi, UAE	212	187	45.1	46.4	8.5	0.9	9.0	0.0	431.1	405.3	381.1	545.9	398.9	.
Dubai, UAE	290	278	56.6	37.2	6.2	1.4	2.2	0.0	522.6	508.5	500.7	660.6	512.5	.
Florida, US	120	93	28.4	67.1	4.5	0.9	20.6	0.0	547.5	551.6	559.0	499.0	542.1	.

Question: Teaching Limited by Student Needs (Scale)  
 Location: Derived (ATBGLSN)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	432	8.8	0.0	0.8	10.1	8.8	3.8	7.5	7.5	8.8	10.3	11.0	12.9	14.4	14.5
Bahrain	345	335	2.5	0.0	0.9	9.9	8.8	5.3	6.9	7.5	8.8	9.5	11.0	11.9	14.5	14.5
Belgium (Flemish)	295	289	1.2	0.0	0.4	10.6	11.0	6.2	7.5	8.8	9.5	10.3	11.9	12.9	14.5	14.5
Bulgaria	233	233	0.0	0.0	0.0	10.5	11.0	5.3	7.5	8.8	9.5	10.3	11.0	11.9	12.9	14.5
Canada	699	638	6.4	0.0	1.7	9.5	8.8	3.8	6.9	7.5	8.8	9.5	10.3	11.9	11.9	14.5
Chile	180	162	6.9	0.0	2.5	8.7	8.8	3.8	6.2	6.2	6.9	8.8	10.3	11.3	11.9	14.5
Chinese Taipei	178	178	0.0	0.0	0.0	10.2	8.8	5.3	6.9	8.1	8.8	10.3	11.9	12.9	14.5	14.5
Croatia	223	219	1.5	0.0	0.3	10.2	10.3	3.8	6.9	8.1	8.8	10.3	11.0	12.9	14.5	14.5
Cyprus	242	238	1.1	0.0	0.2	9.1	8.8	3.8	6.2	6.2	7.5	8.8	10.3	11.9	12.9	14.5
Czech Republic	265	263	0.8	0.0	0.0	11.1	11.0	7.5	9.5	9.5	10.3	11.0	11.9	12.9	14.5	14.5
Denmark	196	166	12.3	0.0	1.0	9.7	10.3	3.8	6.9	7.5	8.8	10.3	11.0	11.9	11.9	14.5
England	214	176	15.0	0.0	0.2	10.3	8.8	3.8	7.5	8.1	8.8	10.3	11.9	12.9	14.5	14.5
Finland	341	327	4.3	0.0	0.3	10.5	10.3	6.2	8.1	8.8	9.5	10.3	11.0	12.9	14.5	14.5
France	273	258	5.7	0.0	0.2	9.3	10.3	3.8	6.7	6.9	8.1	9.5	10.3	11.9	12.9	14.5
Georgia	188	185	0.7	0.0	0.5	10.3	9.5	3.8	7.5	8.1	8.8	10.3	11.0	12.9	14.5	14.5
Germany	226	201	10.8	0.0	0.0	10.1	11.0	5.3	6.9	7.5	8.8	10.3	11.0	11.9	12.9	14.5
Hong Kong SAR	148	145	1.1	0.0	0.3	10.7	10.3	5.3	8.1	8.8	9.5	10.3	11.9	12.9	14.5	14.5
Hungary	244	237	1.1	0.0	1.6	10.5	9.5	3.8	7.5	8.1	8.8	10.3	11.9	12.9	14.5	14.5
Indonesia	293	291	0.0	0.0	0.4	10.9	11.0	6.2	8.8	8.8	10.3	11.0	11.9	12.9	12.9	14.5
Iran, Islamic Rep. of	291	291	0.0	0.0	0.0	8.8	8.8	3.8	6.2	6.2	7.5	8.8	10.3	11.0	11.9	14.5
Ireland	214	214	0.0	0.0	0.0	10.7	11.0	5.3	7.5	8.8	9.5	10.3	11.9	12.9	14.5	14.5
Italy	257	245	3.9	0.0	0.3	9.8	10.3	3.8	6.2	6.9	8.1	9.5	11.0	11.9	14.4	14.5
Japan	157	155	0.3	0.0	0.7	12.0	14.5	8.1	9.5	9.5	10.3	11.9	14.5	14.5	14.5	14.5
Kazakhstan	239	233	0.5	0.0	2.7	10.3	11.0	5.3	6.9	7.1	8.8	10.3	11.9	12.9	14.5	14.5
Korea, Rep. of	182	181	0.6	0.0	0.0	10.3	8.8	3.8	6.9	7.5	8.8	10.3	11.9	12.9	14.5	14.5
Kuwait	294	276	7.9	0.0	0.9	9.6	8.8	5.3	6.9	7.5	8.8	9.5	11.0	11.9	11.9	14.5
Lithuania	291	285	1.1	0.0	0.0	9.5	11.0	3.8	6.9	7.5	8.1	9.5	11.0	11.9	11.9	14.5
Morocco	367	346	5.8	0.0	0.3	8.8	8.8	3.8	6.2	6.9	7.5	8.8	9.5	11.0	11.9	14.5
Netherlands	223	171	21.4	0.0	0.0	10.0	9.5	3.8	7.5	8.1	8.8	10.3	11.0	11.9	12.9	14.5
New Zealand	461	438	2.5	0.0	1.5	10.0	8.8	3.8	6.9	8.1	8.8	10.3	11.0	12.9	14.5	14.5
Northern Ireland	154	131	17.4	0.0	0.0	10.5	11.0	6.2	8.1	8.1	8.8	10.3	11.9	12.9	14.5	14.5
Norway (5)	227	183	16.9	0.0	0.5	10.7	8.8	6.2	7.5	8.1	8.8	11.0	11.9	12.9	14.5	14.5
Oman	357	347	0.6	0.0	1.6	9.1	10.3	3.8	5.3	6.2	7.5	8.8	10.7	11.9	12.9	14.5
Poland	254	253	0.0	0.0	0.8	11.0	10.3	6.9	8.1	8.8	10.3	11.0	11.9	12.9	14.5	14.5
Portugal	322	306	5.1	0.0	0.4	9.5	10.3	3.8	6.2	6.9	8.1	9.5	11.0	11.9	12.9	14.5
Qatar	227	223	0.0	0.0	2.6	10.1	10.3	5.3	7.5	8.1	8.8	10.3	11.0	12.9	12.9	14.5
Russian Federation	217	216	0.0	0.0	0.2	9.3	9.5	3.8	5.3	6.9	8.1	9.5	11.0	11.9	12.9	14.5
Saudi Arabia	189	188	0.5	0.0	0.0	9.2	8.8	3.8	6.2	7.5	8.1	8.8	10.3	11.9	12.9	14.5
Serbia	192	191	0.0	0.0	0.3	10.6	11.0	5.3	7.5	8.1	9.5	11.0	11.9	12.9	14.5	14.5
Singapore	358	351	1.5	0.0	0.7	10.6	11.0	3.8	7.5	8.1	9.5	10.3	11.9	12.9	14.5	14.5
Slovak Republic	328	323	1.1	0.0	0.4	10.8	11.9	3.8	6.9	7.5	9.5	11.0	11.9	14.5	14.5	14.5
Slovenia	256	242	5.4	0.0	0.2	9.1	8.8	5.3	6.2	6.9	8.1	8.8	10.3	11.0	11.9	14.5
Spain	393	374	4.1	0.0	0.4	10.4	11.0	3.8	7.5	7.5	8.8	10.3	11.9	12.9	14.5	14.5
Sweden	212	202	4.1	0.0	0.7	10.3	11.0	5.3	7.5	8.1	8.8	10.3	11.9	12.9	14.5	14.5
Turkey	251	249	0.0	0.0	0.6	8.7	8.8	3.8	6.2	6.9	7.5	8.8	10.3	11.0	11.0	14.5
United Arab Emirates	840	721	8.9	0.0	1.5	10.3	10.3	3.8	7.5	8.1	8.8	10.3	11.0	12.9	14.5	14.5
United States	492	434	12.7	0.0	0.6	9.4	8.8	3.8	6.9	7.5	8.1	8.8	10.3	11.9	12.9	14.5
International Avg (n=47)	13512	12742	4.3	0.0	0.6	10.0	10.0	4.7	7.1	7.8	8.7	10.0	11.2	12.4	13.6	14.5
Buenos Aires, Argentina	291	128	54.2	0.0	1.1	9.1	11.0	3.8	5.3	6.2	7.5	9.5	11.0	11.9	11.9	14.5
Ontario, Canada	275	247	7.2	0.0	3.3	9.5	8.8	5.3	6.9	6.9	8.1	9.5	10.3	11.9	11.9	14.5
Quebec, Canada	151	140	5.9	0.0	0.0	9.7	8.8	5.3	7.5	7.5	8.8	9.5	10.3	11.9	11.9	14.5
Norway (4)	223	190	12.4	0.0	0.0	10.5	11.0	6.2	7.5	8.1	9.5	10.3	11.9	12.9	14.5	14.5
Abu Dhabi, UAE	212	180	10.1	0.0	1.9	9.9	10.3	3.8	6.9	8.1	8.8	10.3	11.0	12.9	12.9	14.5
Dubai, UAE	290	251	8.1	0.0	1.4	10.8	11.0	5.3	8.1	8.8	9.5	11.0	11.9	12.9	14.5	14.5
Florida, US	120	92	20.6	0.0	1.6	9.2	9.5	3.8	6.2	6.9	8.1	9.5	10.3	11.0	11.9	14.5

Question: Teaching Limited by Student Needs (Index)  
 Location: Derived (ATDGLSN)

Country	Sample	Valid N	1. Few challe nges %	2. Some challe nges %	3. A lot of challe nges %	Missin g %	Not admini stered %	Not applic able %	1. Few challe nges Mean	2. Some challe nges Mean	3. A lot of challe nges Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	432	37.7	57.4	4.9	0.8	8.8	0.0	544.0	517.4	494.6	485.2	499.5	.
Bahrain	345	335	35.6	55.3	9.1	0.9	2.5	0.0	471.2	454.2	442.9	498.8	427.2	.
Belgium (Flemish)	295	289	48.6	49.3	2.1	0.4	1.2	0.0	521.4	502.8	490.5	531.9	500.5	.
Bulgaria	233	233	43.1	52.9	4.0	0.0	0.0	0.0	552.0	523.7	519.3	.	.	.
Canada	699	638	22.4	68.5	9.2	1.7	6.4	0.0	540.7	524.2	487.8	540.1	523.5	.
Chile	180	162	17.4	57.3	25.3	2.5	6.9	0.0	515.5	477.0	455.9	465.8	473.8	.
Chinese Taipei	178	178	39.0	55.3	5.7	0.0	0.0	0.0	553.9	556.7	551.3	.	.	.
Croatia	223	219	39.1	55.8	5.1	0.3	1.5	0.0	535.7	533.3	519.9	515.7	531.0	.
Cyprus	242	238	23.0	60.6	16.5	0.2	1.1	0.0	485.5	480.7	477.1	445.3	494.5	.
Czech Republic	265	263	60.1	39.9	0.0	0.0	0.8	0.0	539.9	526.0	.	.	542.1	.
Denmark	196	166	30.0	61.1	8.9	1.0	12.3	0.0	536.6	521.7	520.3	574.3	530.0	.
England	214	176	35.4	60.4	4.3	0.2	15.0	0.0	551.8	532.5	506.2	553.6	522.3	.
Finland	341	327	42.7	55.1	2.2	0.3	4.3	0.0	563.8	547.8	519.3	414.4	557.1	.
France	273	258	20.9	68.4	10.7	0.2	5.7	0.0	508.9	483.6	476.7	559.2	472.7	.
Georgia	188	185	38.0	61.1	0.8	0.5	0.7	0.0	468.1	441.8	381.4	459.9	438.4	.
Germany	226	201	38.6	55.4	5.9	0.0	10.8	0.0	541.4	523.1	483.3	.	534.0	.
Hong Kong SAR	148	145	45.3	52.9	1.8	0.3	1.1	0.0	566.5	549.1	526.8	558.8	549.3	.
Hungary	244	237	41.2	55.8	3.0	1.6	1.1	0.0	556.5	535.0	469.2	513.0	588.9	.
Indonesia	293	291	58.4	41.4	0.2	0.4	0.0	0.0	402.5	387.6	481.0	438.7	.	.
Iran, Islamic Rep. of	291	291	21.2	56.8	22.1	0.0	0.0	0.0	447.2	419.1	400.7	.	.	.
Ireland	214	214	48.0	48.0	4.0	0.0	0.0	0.0	541.2	519.8	491.1	.	.	.
Italy	257	245	32.7	55.9	11.4	0.3	3.9	0.0	522.3	513.3	513.7	564.7	517.3	.
Japan	157	155	72.8	27.2	0.0	0.7	0.3	0.0	571.2	563.0	.	581.1	545.1	.
Kazakhstan	239	233	46.6	45.0	8.4	2.7	0.5	0.0	562.1	538.3	543.2	545.0	529.8	.
Korea, Rep. of	182	181	42.3	51.1	6.7	0.0	0.6	0.0	592.5	585.5	598.1	.	594.1	.
Kuwait	294	276	27.8	67.0	5.1	0.9	7.9	0.0	365.0	331.4	284.6	346.6	322.9	.
Lithuania	291	285	28.1	61.9	9.9	0.0	1.1	0.0	537.2	523.3	532.3	374.7	492.7	.
Morocco	367	346	12.7	70.1	17.2	0.3	5.8	0.0	405.8	349.3	329.5	359.3	337.9	.
Netherlands	223	171	34.1	61.7	4.1	0.0	21.4	0.0	530.7	511.1	501.2	.	516.1	.
New Zealand	461	438	34.3	60.1	5.6	1.5	2.5	0.0	533.0	494.9	459.5	495.8	494.2	.
Northern Ireland	154	131	43.1	55.4	1.6	0.0	17.4	0.0	534.6	511.1	486.4	.	514.8	.
Norway	227	183	50.7	44.8	4.5	0.5	16.9	0.0	543.6	534.4	520.5	572.1	532.2	.
Oman	357	347	24.3	56.6	19.1	1.6	0.6	0.0	437.7	426.8	437.3	412.1	399.2	.
Poland	254	253	54.9	44.1	1.0	0.8	0.0	0.0	551.1	542.3	546.2	553.1	.	.
Portugal	322	306	25.7	62.6	11.8	0.4	5.1	0.0	519.0	505.3	501.1	518.3	502.5	.
Qatar	227	223	32.5	63.2	4.3	2.6	0.0	0.0	462.5	428.6	380.6	385.4	.	.
Russian Federation	217	216	27.3	57.5	15.1	0.2	0.0	0.0	578.6	566.8	547.5	592.0	.	.
Saudi Arabia	189	188	17.5	72.7	9.9	0.0	0.5	0.0	421.9	386.8	362.4	.	351.8	.
Serbia	192	191	51.4	44.9	3.7	0.3	0.0	0.0	527.1	520.3	537.9	533.5	.	.
Singapore	358	351	48.3	49.0	2.7	0.7	1.5	0.0	613.5	571.5	532.0	534.6	598.2	.
Slovak Republic	328	323	53.8	39.8	6.4	0.4	1.1	0.0	535.5	504.8	484.5	554.6	549.3	.
Slovenia	256	242	17.7	68.9	13.5	0.2	5.4	0.0	547.4	542.0	543.6	505.9	533.3	.
Spain	393	374	46.3	49.6	4.1	0.4	4.1	0.0	527.9	512.3	476.5	550.0	519.3	.
Sweden	212	202	44.4	51.1	4.5	0.7	4.1	0.0	555.8	525.6	545.8	574.3	540.6	.
Turkey	251	249	13.4	69.7	17.0	0.6	0.0	0.0	509.8	482.4	467.8	457.6	.	.
United Arab Emirates	840	721	39.3	56.8	3.9	1.5	8.9	0.0	487.5	438.0	356.3	485.1	414.6	.
United States	492	434	23.6	66.9	9.5	0.6	12.7	0.0	568.5	544.1	500.0	553.0	547.0	.
International Avg (n=47)	13512	12742	36.8	55.8	7.4	0.6	4.3	0.0	521.0	500.2	481.9	502.8	501.0	.
Buenos Aires, Argentina	291	128	28.7	52.2	19.1	1.1	54.2	0.0	455.4	404.3	407.6	411.4	416.5	.
Ontario, Canada	275	247	22.9	67.0	10.1	3.3	7.2	0.0	542.9	530.0	511.9	541.8	516.1	.
Quebec, Canada	151	140	23.6	74.1	2.3	0.0	5.9	0.0	543.2	518.3	506.4	.	533.6	.
Norway (4)	223	190	47.4	48.4	4.2	0.0	12.4	0.0	499.3	490.0	461.7	.	491.7	.
Abu Dhabi, UAE	212	180	31.9	61.9	6.3	1.9	10.1	0.0	454.5	403.8	332.8	456.5	399.5	.
Dubai, UAE	290	251	52.9	46.8	0.3	1.4	8.1	0.0	543.9	499.0	406.6	660.6	442.3	.
Florida, US	120	92	12.4	75.1	12.4	1.6	20.6	0.0	566.5	552.3	524.1	536.7	542.1	.

Question: Teachers Emphasize Science Investigation (Scale)  
 Location: Derived (ATBSESI)

Country	Sample	Valid N	Not Adm. %	Not App. %	Omitt ed %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	484	418	8.8	0.0	2.8	9.9	7.3	7.3	7.3	7.3	8.6	10.1	11.0	12.0	12.7	15.5
Bahrain	345	338	2.5	0.0	0.0	10.7	11.3	7.3	7.3	8.6	9.4	10.7	12.0	12.7	13.4	15.5
Belgium (Flemish)	295	288	1.2	0.0	0.7	8.3	7.3	7.3	7.3	7.3	7.3	7.3	8.6	10.4	11.0	14.2
Bulgaria	233	232	0.0	0.0	0.1	9.3	7.3	7.3	7.3	7.3	8.6	9.2	10.1	11.3	12.0	15.5
Canada	699	626	6.4	0.0	3.7	9.7	7.3	7.3	7.3	7.3	8.6	10.1	10.7	11.6	12.3	14.2
Chile	180	160	6.9	0.0	2.1	9.9	7.3	7.3	7.3	7.3	8.6	9.7	11.0	12.0	13.1	15.5
Chinese Taipei	178	178	0.0	0.0	0.0	10.6	11.0	7.3	7.3	8.6	9.7	10.7	11.3	12.7	13.6	15.5
Croatia	223	220	1.5	0.0	0.0	10.1	7.3	7.3	7.3	7.3	8.6	10.1	11.3	12.7	13.6	15.5
Cyprus	242	237	1.1	0.0	0.5	11.9	12.7	7.3	9.2	10.4	11.0	12.3	12.7	13.6	14.2	15.5
Czech Republic	265	262	0.8	0.0	1.0	9.0	7.3	7.3	7.3	7.3	7.3	8.6	9.7	11.0	11.6	13.6
Denmark	196	166	12.8	0.0	0.6	9.2	7.3	7.3	7.3	7.3	7.3	9.2	10.1	11.3	11.6	13.6
England	214	175	15.0	0.0	0.7	10.1	7.3	7.3	7.3	7.3	9.2	10.4	11.3	12.0	12.3	15.5
Finland	341	326	4.3	0.0	0.1	8.7	7.3	7.3	7.3	7.3	7.3	8.6	9.2	10.4	11.0	13.1
France	273	256	5.7	0.0	0.9	9.7	7.3	7.3	7.3	7.3	8.6	10.1	10.7	11.3	12.2	13.6
Georgia	188	187	0.7	0.0	0.0	9.8	9.2	7.3	7.3	7.3	8.6	9.7	10.7	12.0	13.1	15.5
Germany	226	196	10.8	0.0	2.2	8.9	7.3	7.3	7.3	7.3	7.3	8.6	10.1	11.0	11.6	15.5
Hong Kong SAR	148	142	1.1	0.0	2.8	9.0	7.3	7.3	7.3	7.3	7.3	8.6	10.1	11.3	12.0	15.5
Hungary	244	237	1.1	0.0	1.6	9.1	7.3	7.3	7.3	7.3	7.3	9.2	10.1	10.7	11.6	14.2
Indonesia	293	292	0.5	0.0	0.0	10.6	7.3	7.3	7.3	7.3	8.6	10.7	12.3	13.6	14.2	15.5
Iran, Islamic Rep. of	291	290	0.0	0.0	0.2	12.1	15.5	7.3	8.6	10.1	11.0	12.0	13.1	15.5	15.5	15.5
Ireland	214	211	0.0	0.0	1.0	10.0	7.3	7.3	7.3	7.3	8.6	10.4	11.0	11.6	12.3	14.2
Italy	257	244	3.9	0.0	1.4	10.0	7.3	7.3	7.3	7.3	8.6	10.1	11.3	12.7	13.6	15.5
Japan	157	153	0.3	0.0	1.8	11.3	10.4	7.3	9.2	9.7	10.4	11.0	12.3	13.6	13.6	15.5
Kazakhstan	239	233	0.5	0.0	2.2	10.9	7.3	7.3	7.3	7.4	9.7	10.7	12.0	14.2	15.5	15.5
Korea, Rep. of	182	181	0.6	0.0	0.0	11.4	12.0	7.3	7.3	9.7	10.4	11.6	12.3	13.1	13.6	15.5
Kuwait	294	277	7.9	0.0	0.9	11.2	10.4	7.3	7.3	9.2	10.1	11.0	12.3	13.6	15.5	15.5
Lithuania	291	285	1.1	0.0	0.0	8.8	7.3	7.3	7.3	7.3	7.3	8.6	10.1	11.3	11.6	15.5
Morocco	367	316	6.0	0.0	7.1	11.1	10.1	7.3	7.4	8.6	9.7	11.0	12.3	13.6	13.6	15.5
Netherlands	223	168	21.4	0.0	1.4	8.3	7.3	7.3	7.3	7.3	7.3	7.3	9.2	10.7	11.0	12.3
New Zealand	461	436	2.5	0.0	2.4	9.5	7.3	7.3	7.3	7.3	7.5	9.7	10.7	11.3	12.0	13.6
Northern Ireland	154	131	17.4	0.0	0.0	8.5	7.3	7.3	7.3	7.3	7.3	7.3	9.2	10.7	10.7	13.6
Norway (5)	227	178	16.9	0.0	4.2	8.4	7.3	7.3	7.3	7.3	7.3	7.3	9.2	10.4	11.0	12.3
Oman	357	347	0.6	0.0	1.6	12.1	12.7	7.3	9.1	10.1	11.0	12.3	13.1	13.6	14.2	15.5
Poland	254	253	0.0	0.0	0.3	9.6	7.3	7.3	7.3	7.3	8.6	9.2	10.7	12.0	13.1	15.5
Portugal	322	305	5.1	0.0	0.5	9.2	7.3	7.3	7.3	7.3	7.3	8.6	10.7	11.6	12.3	14.2
Qatar	227	223	0.0	0.0	2.6	11.1	11.3	7.3	7.3	8.6	9.7	11.0	12.3	13.6	15.5	15.5
Russian Federation	217	216	0.0	0.0	0.3	9.2	7.3	7.3	7.3	7.3	7.3	9.2	10.7	11.3	11.6	15.5
Saudi Arabia	189	185	0.5	0.0	1.3	11.1	10.1	7.3	8.6	9.2	10.1	11.0	12.0	13.1	13.6	15.5
Serbia	192	191	0.0	0.0	0.3	9.8	7.3	7.3	7.3	7.3	8.6	9.7	11.0	12.0	13.1	15.5
Singapore	358	351	1.5	0.0	0.7	10.7	11.3	7.3	7.3	8.6	9.7	10.7	11.3	12.3	13.6	15.5
Slovak Republic	328	324	1.1	0.0	0.3	10.2	7.3	7.3	7.3	7.3	8.6	10.1	11.3	12.7	13.6	15.5
Slovenia	256	239	5.4	0.0	0.7	9.4	7.3	7.3	7.3	7.3	7.3	9.2	10.7	11.3	11.6	15.5
Spain	393	371	4.1	0.0	0.2	9.1	7.3	7.3	7.3	7.3	7.3	9.2	10.1	11.3	11.6	15.5
Sweden	212	201	3.4	0.0	1.7	9.1	7.3	7.3	7.3	7.3	7.3	9.2	10.4	11.0	12.0	13.6
Turkey	251	251	0.0	0.0	0.0	11.0	10.1	7.3	7.3	8.6	9.7	10.7	12.3	13.6	15.5	15.5
United Arab Emirates	840	722	8.9	0.0	1.6	11.3	11.3	7.3	7.3	8.6	10.1	11.3	12.7	13.6	14.2	15.5
United States	492	416	12.7	0.0	3.2	9.9	7.3	7.3	7.3	7.3	8.6	9.7	11.0	12.3	13.6	15.5
International Avg (n=47)	13512	12634	4.3	0.0	1.2	10.0	8.6	7.3	7.5	7.9	8.6	9.9	11.0	12.2	12.9	15.0
Buenos Aires, Argentina	291	124	53.9	0.0	2.7	10.0	7.3	7.3	7.3	7.3	7.4	10.1	11.0	13.1	14.2	15.5
Ontario, Canada	275	238	7.2	0.0	5.5	9.5	7.3	7.3	7.3	7.3	8.6	9.2	10.4	11.3	12.0	13.6
Quebec, Canada	151	138	5.9	0.0	3.2	9.9	7.3	7.3	7.3	7.3	8.6	10.1	11.0	11.6	12.3	14.2
Norway (4)	223	183	12.4	0.0	3.5	8.1	7.3	7.3	7.3	7.3	7.3	7.3	8.6	9.7	10.4	13.1
Abu Dhabi, UAE	212	180	10.1	0.0	1.2	10.9	7.3	7.3	7.3	8.6	9.7	10.7	12.0	13.6	14.2	15.5
Dubai, UAE	290	249	8.1	0.0	1.5	11.5	11.3	7.3	8.6	9.2	10.4	11.3	12.7	13.6	14.2	15.5
Florida, US	120	90	20.6	0.0	3.3	9.7	7.3	7.3	7.3	7.3	7.3	9.7	11.0	12.0	12.7	15.5

Question: Teachers Emphasize Science Investigation (Index)  
 Location: Derived (ATDSESI)

Country	Sample	Valid N	1. About half the lesson s or more %	2. Less than half the lesson s %	Missin g %	Not admini stered %	Not applic able %	1. About half the lesson s or more Mean	2. Less than half the lesson s Mean	Missin g Mean	Not admini stered Mean	Not applic able Mean
Australia	484	418	22.3	77.7	2.8	8.8	0.0	528.8	525.9	506.6	499.5	.
Bahrain	345	338	40.7	59.3	0.0	2.5	0.0	470.2	452.3	.	427.2	.
Belgium (Flemish)	295	288	4.1	95.9	0.7	1.2	0.0	486.3	512.7	516.4	500.5	.
Bulgaria	233	232	11.8	88.2	0.1	0.0	0.0	522.2	537.4	618.0	.	.
Canada	699	626	16.9	83.1	3.7	6.4	0.0	519.0	525.4	538.2	523.5	.
Chile	180	160	22.0	78.0	2.1	6.9	0.0	470.3	480.9	452.3	473.8	.
Chinese Taipei	178	178	30.9	69.1	0.0	0.0	0.0	558.0	554.1	.	.	.
Croatia	223	220	27.2	72.8	0.0	1.5	0.0	533.8	533.3	.	531.0	.
Cyprus	242	237	73.6	26.4	0.5	1.1	0.0	481.1	481.9	456.4	494.5	.
Czech Republic	265	262	8.4	91.6	1.0	0.8	0.0	540.1	533.7	539.2	542.1	.
Denmark	196	166	10.5	89.5	0.6	12.8	0.0	512.9	528.7	506.2	528.1	.
England	214	175	25.7	74.3	0.7	15.0	0.0	540.5	537.4	543.2	522.3	.
Finland	341	326	4.3	95.7	0.1	4.3	0.0	559.1	553.5	505.7	557.1	.
France	273	256	11.3	88.7	0.9	5.7	0.0	498.6	486.9	490.6	472.7	.
Georgia	188	187	20.4	79.6	0.0	0.7	0.0	460.1	449.1	.	438.4	.
Germany	226	196	6.4	93.6	2.2	10.8	0.0	548.1	527.2	496.3	534.0	.
Hong Kong SAR	148	142	10.0	90.0	2.8	1.1	0.0	569.8	554.1	589.9	549.3	.
Hungary	244	237	5.8	94.2	1.6	1.1	0.0	539.7	542.0	516.4	588.9	.
Indonesia	293	292	40.1	59.9	0.0	0.5	0.0	403.5	392.3	.	369.7	.
Iran, Islamic Rep. of	291	290	71.8	28.2	0.2	0.0	0.0	421.2	419.9	497.2	.	.
Ireland	214	211	20.1	79.9	1.0	0.0	0.0	539.7	526.5	503.7	.	.
Italy	257	244	27.7	72.3	1.4	3.9	0.0	514.7	517.8	484.4	517.3	.
Japan	157	153	49.6	50.4	1.8	0.3	0.0	570.7	567.8	561.5	545.1	.
Kazakhstan	239	233	39.2	60.8	2.2	0.5	0.0	557.3	544.9	543.6	529.8	.
Korea, Rep. of	182	181	59.7	40.3	0.0	0.6	0.0	589.5	589.0	.	594.1	.
Kuwait	294	277	48.8	51.2	0.9	7.9	0.0	331.9	344.8	333.7	322.9	.
Lithuania	291	285	11.3	88.7	0.0	1.1	0.0	522.3	528.9	374.7	492.7	.
Morocco	367	316	45.2	54.8	7.1	6.0	0.0	361.5	343.9	368.0	338.6	.
Netherlands	223	168	3.0	97.0	1.4	21.4	0.0	540.1	516.8	515.1	516.1	.
New Zealand	461	436	14.1	85.9	2.4	2.5	0.0	505.5	505.8	506.5	494.2	.
Northern Ireland	154	131	2.6	97.4	0.0	17.4	0.0	504.5	521.3	.	514.8	.
Norway	227	178	3.8	96.2	4.2	16.9	0.0	537.2	539.1	533.1	532.2	.
Oman	357	347	74.0	26.0	1.6	0.6	0.0	432.7	426.4	435.6	399.2	.
Poland	254	253	18.7	81.3	0.3	0.0	0.0	541.9	548.5	519.0	.	.
Portugal	322	305	18.4	81.6	0.5	5.1	0.0	508.4	508.4	495.3	502.5	.
Qatar	227	223	48.6	51.4	2.6	0.0	0.0	421.9	448.5	462.7	.	.
Russian Federation	217	216	16.3	83.7	0.3	0.0	0.0	572.4	566.6	456.0	.	.
Saudi Arabia	189	185	45.5	54.5	1.3	0.5	0.0	399.4	381.9	438.5	351.8	.
Serbia	192	191	23.4	76.6	0.3	0.0	0.0	521.9	525.3	533.5	.	.
Singapore	358	351	34.0	66.0	0.7	1.5	0.0	595.7	588.2	534.6	598.2	.
Slovak Republic	328	324	28.3	71.7	0.3	1.1	0.0	532.1	515.5	519.9	549.3	.
Slovenia	256	239	11.6	88.4	0.7	5.4	0.0	541.2	543.5	524.3	533.3	.
Spain	393	371	12.9	87.1	0.2	4.1	0.0	526.0	517.0	534.7	519.3	.
Sweden	212	201	9.1	90.9	1.7	3.4	0.0	544.4	540.2	532.5	532.4	.
Turkey	251	251	44.5	55.5	0.0	0.0	0.0	494.1	474.8	.	.	.
United Arab Emirates	840	722	56.6	43.4	1.6	8.9	0.0	464.7	444.4	392.0	414.6	.
United States	492	416	23.6	76.4	3.2	12.7	0.0	545.7	544.8	563.7	547.0	.
International Avg (n=47)	13512	12634	26.7	73.3	1.2	4.3	0.0	508.1	505.3	498.4	497.3	.
Buenos Aires, Argentina	291	124	21.5	78.5	2.7	53.9	0.0	405.9	425.1	388.2	416.8	.
Ontario, Canada	275	238	11.5	88.5	5.5	7.2	0.0	521.6	532.3	538.0	516.1	.
Quebec, Canada	151	138	21.1	78.9	3.2	5.9	0.0	528.1	522.1	540.6	533.6	.
Norway (4)	223	183	1.5	98.5	3.5	12.4	0.0	497.2	493.1	494.6	491.7	.
Abu Dhabi, UAE	212	180	45.2	54.8	1.2	10.1	0.0	426.8	411.3	282.7	399.5	.
Dubai, UAE	290	249	61.2	38.8	1.5	8.1	0.0	527.1	523.4	457.0	442.3	.
Florida, US	120	90	21.8	78.2	3.3	20.6	0.0	553.0	550.9	524.4	542.1	.