Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Course Taught
Location: Tracking Form (ITCOURSE)

Country	Sample	Valid N	1. Mathematics %	2. Physics %	3. Biology %	4. Chemistry %	5. Earth Science %	6. Integrated Science %	Not Administered %	Omitted %
Australia	941	941	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	201	201	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botswana	169	169	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canada	409	409	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chile	173	173	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Taipei	216	216	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Egypt	215	215	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
England	215	215	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia	188	188	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hong Kong SAR	175	175	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	278	278	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iran, Islamic Rep. of	251	251	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	526	526	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Israel	603	603	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	230	230	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	231	231	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jordan	260	260	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	239	239	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Korea, Rep. of	317	317	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	191	191	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lebanon	185	185	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lithuania	269	269	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	326	326	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malta	224	224	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Morocco	373	373	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	489	489	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	239	239	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oman	356	356	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Qatar	250	250	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Russian Federation	226	226	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	149	149	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Singapore	334	334	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovenia	467	467	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	334	334	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sweden	206	206	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	205	205	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turkey	220	220	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Arab Emirates	746	746	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United States	429	429	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
International Avg. (39)	12055	12055	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buenos Aires, Argentina	138	138	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ontario, Canada	217	217	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec, Canada	175	175	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway (8)	239	239	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Abu Dhabi, UAE	207	207	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dubai, UAE	267	267	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida, US	110	110	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Question: Course Taught
Location: Tracking Form (ITCOURSE)

Country	Sample	Valid N	1. Mathematics Mean	2. Physics Mean	3. Biology Mean	4. Chemistry Mean	5. Earth Science Mean	6. Integrated Science Mean	Not Administered Mean	Omitted Mean
Australia	941	941	505.0	.	.	.	.	.	.	.
Bahrain	201	201	454.0	.	.	.	.	.	.	.
Botswana	169	169	390.8	.	.	.	.	.	.	.
Canada	409	409	527.3	.	.	.	.	.	.	.
Chile	173	173	427.4	.	.	.	.	.	.	.
Chinese Taipei	216	216	599.1	.	.	.	.	.	.	.
Egypt	215	215	392.2	.	.	.	.	.	.	.
England	215	215	518.3	.	.	.	.	.	.	.
Georgia	188	188	453.2	.	.	.	.	.	.	.
Hong Kong SAR	175	175	594.3	.	.	.	.	.	.	.
Hungary	278	278	514.4	.	.	.	.	.	.	.
Iran, Islamic Rep. of	251	251	436.3	.	.	.	.	.	.	.
Ireland	526	526	523.5	.	.	.	.	.	.	.
Israel	603	603	510.9	.	.	.	.	.	.	.
Italy	230	230	494.4	.	.	.	.	.	.	.
Japan	231	231	586.5	.	.	.	.	.	.	.
Jordan	260	260	385.6	.	.	.	.	.	.	.
Kazakhstan	239	239	527.8	.	.	.	.	.	.	.
Korea, Rep. of	317	317	605.7	.	.	.	.	.	.	.
Kuwait	191	191	392.5	.	.	.	.	.	.	.
Lebanon	185	185	442.4	.	.	.	.	.	.	.
Lithuania	269	269	511.3	.	.	.	.	.	.	.
Malaysia	326	326	465.3	.	.	.	.	.	.	.
Malta	224	224	493.5	.	.	.	.	.	.	.
Morocco	373	373	384.4	.	.	.	.	.	.	.
New Zealand	489	489	492.7	.	.	.	.	.	.	.
Norway	239	239	511.5	.	.	.	.	.	.	.
Oman	356	356	403.2	.	.	.	.	.	.	.
Qatar	250	250	437.1	.	.	.	.	.	.	.
Russian Federation	226	226	538.0	.	.	.	.	.	.	.
Saudi Arabia	149	149	367.7	.	.	.	.	.	.	.
Singapore	334	334	621.0	.	.	.	.	.	.	.
Slovenia	467	467	516.3	.	.	.	.	.	.	.
South Africa	334	334	372.4	.	.	.	.	.	.	.
Sweden	206	206	500.7	.	.	.	.	.	.	.
Thailand	205	205	431.4	.	.	.	.	.	.	.
Turkey	220	220	457.6	.	.	.	.	.	.	.
United Arab Emirates	746	746	464.8	.	.	.	.	.	.	.
United States	429	429	518.3	.	.	.	.	.	.	.
International Avg. (39)	12055	12055	481.3	.	.	.	.	.	.	.
Buenos Aires, Argentina	138	138	396.1	.	.	.	.	.	.	.
Ontario, Canada	217	217	522.3	.	.	.	.	.	.	.
Quebec, Canada	175	175	543.4	.	.	.	.	.	.	.
Norway (8)	239	239	486.8	.	.	.	.	.	.	.
Abu Dhabi, UAE	207	207	441.7	.	.	.	.	.	.	.
Dubai, UAE	267	267	511.9	.	.	.	.	.	.	.
Florida, US	110	110	493.5	.	.	.	.	.	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: By the end of this school year, how many years will you have been teaching altogether?
Location: TQG-01 (BTBG01)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	799	8.4	0.0	0.9	15.9	1.0	0.0	1.0	3.0	7.0	12.0	25.0	32.0	35.0	48.0
Bahrain	201	191	1.1	0.0	3.8	12.4	10.0	1.0	1.0	2.0	6.0	11.0	17.0	25.0	29.0	36.0
Botswana (9)	169	153	5.5	0.0	3.0	8.6	2.0	1.0	1.0	2.0	2.0	6.0	14.0	18.0	20.0	43.0
Canada	409	365	9.9	0.0	0.2	14.6	15.0	1.0	3.0	4.0	8.0	14.0	20.0	25.0	27.0	50.0
Chile	173	151	9.4	0.0	2.8	15.8	1.0	1.0	1.0	2.0	5.0	12.0	26.0	33.0	35.0	52.0
Chinese Taipei	216	216	0.0	0.0	0.0	13.5	10.0	1.0	3.0	4.0	7.0	13.0	18.0	25.0	29.0	39.0
Egypt	215	204	0.9	0.0	4.5	16.6	5.0	1.0	3.0	5.0	7.0	18.0	24.0	28.0	30.0	33.0
England	215	184	13.1	0.0	0.0	10.5	7.0	1.0	1.0	2.0	4.0	7.0	17.0	23.0	27.0	42.0
Georgia	188	179	0.0	0.0	5.3	26.2	30.0	1.0	6.0	9.0	20.0	26.0	33.0	40.0	46.0	55.0
Hong Kong SAR	175	170	1.8	0.0	2.3	14.1	9.0	1.0	1.0	4.0	6.0	11.0	21.0	28.0	34.0	38.0
Hungary	278	268	3.4	0.0	0.4	25.0	30.0	2.0	6.0	10.0	16.0	26.0	34.0	38.0	39.0	51.0
Iran, Islamic Rep. of	251	251	0.0	0.0	0.0	18.2	20.0	2.0	6.0	7.0	13.0	19.0	22.0	27.0	29.0	50.0
Ireland	526	478	6.7	0.0	1.0	14.5	8.0	1.0	2.0	3.0	6.0	12.0	22.0	30.0	35.0	40.0
Israel	603	550	6.2	0.0	0.3	16.4	20.0	1.0	2.0	3.0	8.0	16.0	23.0	30.0	34.0	44.0
Italy	230	210	4.6	0.0	2.8	23.1	35.0	1.0	5.0	7.0	13.0	25.0	33.0	36.0	38.0	42.0
Japan	231	229	0.3	0.0	0.6	17.0	2.0	1.0	2.0	3.0	6.0	15.0	28.0	34.0	36.0	41.0
Jordan	260	254	0.0	0.0	2.0	10.0	8.0	1.0	1.0	2.0	4.0	8.0	14.0	22.0	25.0	42.0
Kazakhstan	239	236	0.4	0.0	1.1	20.5	10.0	1.0	2.0	4.0	10.0	22.0	30.0	35.0	38.0	46.0
Korea, Rep. of	317	317	0.0	0.0	0.0	14.2	4.0	1.0	1.0	2.0	4.0	12.0	24.0	28.0	31.0	37.0
Kuwait	191	184	1.4	0.0	2.6	12.9	8.0	1.0	3.0	4.0	7.0	11.0	18.0	25.0	29.0	35.0
Lebanon	185	176	2.3	0.0	2.0	13.1	10.0	1.0	3.0	4.0	6.0	10.0	20.0	25.0	34.0	43.0
Lithuania	269	258	4.8	0.0	0.0	26.7	27.0	1.0	9.0	12.0	20.0	28.0	35.0	38.0	41.0	57.0
Malaysia	326	302	6.2	0.0	0.6	12.4	8.0	1.0	2.0	4.0	6.0	11.0	17.0	24.0	28.0	36.0
Malta	224	213	4.6	0.0	0.0	11.9	15.0	1.0	1.0	2.0	5.0	11.0	17.0	22.0	26.0	41.0
Morocco	373	353	2.7	0.0	2.1	20.0	31.0	0.0	1.0	2.0	5.0	25.0	31.0	35.0	37.0	40.0
New Zealand	489	468	3.7	0.0	0.5	17.2	10.0	1.0	1.0	2.0	6.0	14.0	27.0	36.0	40.0	53.0
Norway (9)	239	219	7.1	0.0	0.0	15.3	2.0	1.0	2.0	2.0	8.0	14.0	20.0	33.0	37.0	43.0
Oman	356	346	0.0	0.0	1.4	12.6	8.0	1.0	4.0	4.0	8.0	11.0	16.0	23.0	29.0	42.0
Qatar	250	243	0.4	0.0	0.6	13.0	5.0	1.0	3.0	5.0	8.0	11.0	18.0	23.0	26.0	59.0
Russian Federation	226	221	0.0	0.0	2.3	22.9	28.0	1.0	3.0	6.0	15.0	24.0	32.0	37.0	40.0	50.0
Saudi Arabia	149	143	0.6	0.0	3.0	11.4	4.0	1.0	2.0	3.0	5.0	10.0	17.0	21.0	24.0	36.0
Singapore	334	330	1.7	0.0	0.0	8.8	2.0	1.0	2.0	2.0	3.0	6.0	11.0	20.0	30.0	46.0
Slovenia	467	440	5.2	0.0	0.0	21.3	30.0	1.0	4.0	7.0	11.0	21.0	31.0	35.0	36.0	40.0
South Africa (9)	334	318	0.2	0.0	4.7	13.9	2.0	1.0	2.0	3.0	5.0	12.0	21.0	28.0	31.0	42.0
Sweden	206	198	1.8	0.0	1.7	14.5	13.0	1.0	2.0	4.0	7.0	13.0	18.0	27.0	34.0	42.0
Thailand	205	200	0.0	0.0	2.4	13.0	1.0	1.0	1.0	1.0	3.0	9.0	21.0	34.0	36.0	40.0
Turkey	220	218	0.0	0.0	1.2	9.7	3.0	1.0	1.0	2.0	3.0	8.0	13.0	21.0	30.0	38.0
United Arab Emirates	746	667	7.9	0.0	2.8	13.6	10.0	1.0	3.0	4.0	8.0	13.0	19.0	23.0	28.0	44.0
United States	429	368	13.6	0.0	0.4	14.1	2.0	1.0	1.0	2.0	6.0	12.0	20.0	30.0	37.0	43.0
International Avg. (39)	12055	11270	3.5	0.0	1.5	15.5	11.4	1.0	2.5	3.9	7.6	14.3	22.2	28.6	32.6	43.6
Buenos Aires, Argentina	138	61	57.3	0.0	0.0	16.5	20.0	1.0	2.0	3.0	6.0	19.0	24.0	27.0	32.0	34.0
Ontario, Canada	217	188	12.2	0.0	0.0	14.0	10.0	1.0	2.0	4.0	8.0	14.0	19.0	24.0	26.0	37.0
Quebec, Canada	175	160	7.9	0.0	0.5	17.0	15.0	1.0	4.0	6.0	11.0	17.0	23.0	26.0	29.0	50.0
Norway (8)	239	217	7.8	0.0	0.0	12.1	1.0	1.0	1.0	2.0	6.0	11.0	17.0	24.0	30.0	42.0
Abu Dhabi, UAE	207	178	12.1	0.0	3.1	14.6	13.0	1.0	3.0	5.0	9.0	14.0	20.0	23.0	29.0	44.0
Dubai, UAE	267	249	3.8	0.0	1.7	12.1	7.0	1.0	2.0	3.0	7.0	11.0	17.0	22.0	25.0	40.0
Florida, US	110	79	24.8	0.0	0.0	10.3	5.0	1.0	1.0	1.0	5.0	9.0	14.0	21.0	26.0	34.0

Question: Are you female or male?
Location: TQG-02 (BTBG02)

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	941	802	54.5	45.5	8.4	0.0	0.2	507.8	507.5	477.1	.	441.9
Bahrain	201	200	54.2	45.8	1.0	0.0	0.0	467.8	437.6	452.8	.	.
Botswana	169	155	43.8	56.2	5.5	0.0	0.9	391.2	390.8	383.2	.	422.4
Canada	409	366	62.5	37.5	9.7	0.0	0.1	531.6	528.7	497.7	.	495.2
Chile	173	154	60.1	39.9	9.4	0.0	0.6	427.9	431.6	406.3	.	467.2
Chinese Taipei	216	215	44.2	55.8	0.0	0.0	0.3	601.5	597.3	.	.	577.7
Egypt	215	211	30.0	70.0	0.9	0.0	0.9	396.1	390.3	439.8	.	367.9
England	215	184	50.8	49.2	13.1	0.0	0.0	510.6	524.0	525.4	.	.
Georgia	188	188	91.2	8.8	0.0	0.0	0.0	451.4	471.5	.	.	.
Hong Kong SAR	175	173	37.2	62.8	1.8	0.0	0.0	590.7	595.7	615.8	.	.
Hungary	278	269	78.4	21.6	3.4	0.0	0.0	515.0	511.7	518.2	.	.
Iran, Islamic Rep. of	251	251	47.3	52.7	0.0	0.0	0.0	436.7	436.0	.	.	.
Ireland	526	486	62.3	37.7	6.7	0.0	0.0	524.5	520.4	530.7	.	.
Israel	603	549	79.5	20.5	6.2	0.0	0.2	515.7	491.4	516.4	.	422.7
Italy	230	213	78.4	21.6	4.6	0.0	1.8	496.0	485.5	512.6	.	480.6
Japan	231	230	29.0	71.0	0.3	0.0	0.0	581.4	588.6	571.1	.	.
Jordan	260	256	55.5	44.5	0.0	0.0	2.0	395.4	373.6	.	.	377.6
Kazakhstan	239	238	86.6	13.4	0.4	0.0	0.0	523.4	556.8	518.8	.	.
Korea, Rep. of	317	317	71.0	29.0	0.0	0.0	0.0	608.1	599.9	.	.	.
Kuwait	191	186	53.3	46.7	1.4	0.0	1.0	398.4	386.0	401.3	.	366.3
Lebanon	185	181	36.4	63.6	2.3	0.0	0.0	441.0	442.9	451.2	.	.
Lithuania	269	258	91.5	8.5	4.8	0.0	0.0	510.7	510.2	524.4	.	.
Malaysia	326	305	76.8	23.2	6.2	0.0	0.0	472.3	444.7	455.7	.	.
Malta	224	213	63.3	36.7	4.6	0.0	0.0	492.1	498.0	478.6	.	.
Morocco	373	355	28.7	71.3	2.7	0.0	2.6	383.3	385.3	384.2	.	373.3
New Zealand	489	466	55.3	44.7	3.7	0.0	1.4	494.3	491.1	472.4	.	536.6
Norway	239	219	54.4	45.6	7.1	0.0	0.0	510.8	514.5	499.3	.	.
Oman	356	353	49.5	50.5	0.0	0.0	0.9	421.9	385.3	.	.	379.1
Qatar	250	243	51.9	48.1	0.4	0.0	1.8	446.1	425.7	546.5	.	456.6
Russian Federation	226	226	96.6	3.4	0.0	0.0	0.0	538.1	535.8	.	.	.
Saudi Arabia	149	146	53.8	46.2	0.6	0.0	1.3	372.9	360.2	448.5	.	384.5
Singapore	334	330	62.4	37.6	1.7	0.0	0.0	630.6	602.2	681.7	.	.
Slovenia	467	441	83.0	17.0	5.1	0.0	0.0	516.8	515.4	511.9	.	.
South Africa	334	327	46.2	53.8	0.2	0.0	0.7	383.8	362.9	319.9	.	358.8
Sweden	206	201	50.1	49.9	1.8	0.0	0.0	501.8	499.3	510.0	.	.
Thailand	205	204	71.5	28.5	0.0	0.0	0.6	432.6	427.2	.	.	487.2
Turkey	220	219	47.4	52.6	0.0	0.0	0.5	457.8	457.2	.	.	485.8
United Arab Emirates	746	670	57.6	42.4	7.8	0.0	1.5	472.9	455.5	456.0	.	466.3
United States	429	370	67.8	32.2	13.6	0.0	0.2	521.9	511.7	516.7	.	504.3
International Avg. (39)	12055	11370	59.3	40.7	3.5	0.0	0.5	483.9	478.2	487.5	.	442.6
Buenos Aires, Argentina	138	61	81.9	18.1	57.3	0.0	0.0	399.0	350.5	400.5	.	.
Ontario, Canada	217	188	58.9	41.1	11.9	0.0	0.2	523.4	526.4	506.0	.	495.2
Quebec, Canada	175	161	69.7	30.3	7.9	0.0	0.0	550.4	546.8	474.1	.	.
Norway (8)	239	217	58.7	41.3	7.8	0.0	0.0	486.0	488.7	482.8	.	.
Abu Dhabi, UAE	207	180	51.1	48.9	11.4	0.0	1.6	444.8	439.6	444.7	.	388.0
Dubai, UAE	267	248	65.3	34.7	3.9	0.0	1.8	513.8	509.0	483.4	.	561.0
Florida, US	110	79	64.7	35.3	24.8	0.0	0.0	507.8	489.3	469.7	.	.

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

Country	Sample	Valid N	1.Under 25 %	2.25-29 %	3.30-39 %	4.40-49 %	5.50-59 %	6.60 or more %	Not Administered %	Not Applicable %	Omitted %
Australia	941	798	5.1	11.6	25.0	23.6	28.5	6.2	8.4	0.0	0.3
Bahrain	201	200	3.3	11.1	47.8	27.8	8.2	1.8	1.0	0.0	0.0
Botswana	169	154	6.7	24.3	46.8	20.7	1.3	0.2	5.5	0.0	1.5
Canada	409	364	1.2	8.0	34.7	34.0	20.8	1.2	9.7	0.0	0.6
Chile	173	154	2.6	13.4	32.3	21.3	22.7	7.8	9.4	0.0	0.8
Chinese Taipei	216	216	1.3	9.3	44.7	32.8	11.0	0.8	0.0	0.0	0.0
Egypt	215	212	2.0	18.8	25.6	33.9	19.8	0.0	0.9	0.0	0.4
England	215	184	10.4	16.0	31.0	28.6	11.9	2.1	13.1	0.0	0.0
Georgia	188	188	0.4	1.8	6.4	25.6	41.4	24.4	0.0	0.0	0.0
Hong Kong SAR	175	171	3.3	17.8	34.4	30.5	12.0	2.0	1.8	0.0	1.0
Hungary	278	269	0.0	1.8	10.2	30.8	45.6	11.5	3.4	0.0	0.0
Iran, Islamic Rep. of	251	251	0.0	10.1	39.8	43.7	5.1	1.3	0.0	0.0	0.0
Ireland	526	484	4.1	17.9	38.4	23.8	14.1	1.8	6.7	0.0	0.2
Israel	603	546	3.3	7.8	29.3	37.8	18.5	3.4	6.2	0.0	0.7
Italy	230	215	0.0	0.0	15.3	15.7	43.0	26.0	4.6	0.0	0.7
Japan	231	230	5.2	16.7	26.4	21.4	25.7	4.5	0.3	0.0	0.0
Jordan	260	258	7.2	23.1	37.1	24.3	7.0	1.2	0.0	0.0	0.6
Kazakhstan	239	236	4.5	12.4	18.5	27.0	31.3	6.2	0.4	0.0	0.7
Korea, Rep. of	317	317	1.2	15.1	30.9	32.5	19.6	0.6	0.0	0.0	0.0
Kuwait	191	186	0.6	16.3	43.2	27.2	11.2	1.6	1.4	0.0	1.7
Lebanon	185	181	5.4	21.1	41.7	19.6	8.8	3.5	2.3	0.0	0.0
Lithuania	269	258	1.0	2.1	11.0	27.9	45.2	12.8	4.8	0.0	0.0
Malaysia	326	305	2.1	16.3	41.6	28.6	11.4	0.0	6.2	0.0	0.0
Malta	224	213	13.1	22.0	40.2	16.6	5.7	2.4	4.6	0.0	0.0
Morocco	373	358	4.2	18.8	13.1	14.1	42.7	7.2	2.7	0.0	1.8
New Zealand	489	468	2.4	10.6	19.7	23.7	30.7	12.8	3.7	0.0	0.6
Norway	239	219	1.1	8.0	29.6	34.8	15.2	11.3	7.1	0.0	0.0
Oman	356	354	1.4	18.9	58.0	15.6	5.9	0.2	0.0	0.0	0.1
Qatar	250	247	1.2	11.8	47.9	30.8	8.3	0.0	0.4	0.0	0.0
Russian Federation	226	225	4.2	5.4	14.9	32.1	32.6	10.7	0.0	0.0	0.5
Saudi Arabia	149	144	3.3	18.4	52.5	23.4	2.4	0.0	0.6	0.0	2.8
Singapore	334	330	3.5	34.0	37.8	15.1	6.6	2.9	1.7	0.0	0.0
Slovenia	467	441	0.0	3.8	29.1	23.4	43.2	0.5	5.1	0.0	0.0
South Africa	334	330	6.5	16.0	24.8	36.3	14.6	1.8	0.2	0.0	0.2
Sweden	206	201	0.7	2.2	24.9	39.8	24.7	7.7	1.8	0.0	0.0
Thailand	205	202	7.0	24.1	27.8	17.6	20.0	3.5	0.0	0.0	1.9
Turkey	220	219	9.7	30.8	42.7	9.8	6.4	0.7	0.0	0.0	0.8
United Arab Emirates	746	677	0.7	11.0	45.8	33.4	7.2	2.0	7.7	0.0	1.1
United States	429	369	4.0	11.1	29.4	29.0	19.1	7.4	13.6	0.0	0.4
International Avg. (39)	12055	11374	3.4	13.8	32.1	26.5	19.2	4.9	3.5	0.0	0.5
Buenos Aires, Argentina	138	61	2.0	9.8	12.5	39.6	36.0	0.0	57.3	0.0	0.0
Ontario, Canada	217	186	1.8	6.3	33.5	43.6	13.5	1.3	11.9	0.0	1.0
Quebec, Canada	175	161	0.6	7.7	34.8	23.5	31.9	1.4	7.9	0.0	0.0
Norway (8)	239	216	1.7	13.9	32.6	31.8	12.1	7.9	7.8	0.0	0.2
Abu Dhabi, UAE	207	181	0.0	8.0	47.0	36.0	6.0	3.0	11.4	0.0	1.7
Dubai, UAE	267	248	1.0	15.0	46.6	29.1	7.9	0.5	3.9	0.0	1.7
Florida, US	110	79	5.7	15.5	24.8	34.0	19.5	0.5	24.8	0.0	0.0

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

Country	Sample	Valid N	1.Under 25 Mean	2.25-29 Mean	3.30-39 Mean	4.40-49 Mean	5.50-59 Mean	6.60 or more Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	496.4	506.5	495.9	510.6	511.4	539.1	477.0	.	448.6
Bahrain	201	200	443.0	455.1	455.8	445.0	466.5	498.3	452.8	.	.
Botswana	169	154	379.3	386.9	393.4	388.5	439.8	508.9	383.2	.	426.2
Canada	409	364	525.6	535.5	533.9	529.2	527.0	512.7	497.7	.	499.1
Chile	173	154	427.7	426.0	420.7	452.4	422.7	433.5	406.3	.	408.4
Chinese Taipei	216	216	599.9	598.5	592.6	601.8	613.3	666.3	.	.	.
Egypt	215	212	411.4	375.6	392.4	400.1	389.6	.	439.8	.	418.3
England	215	184	514.1	525.3	522.4	520.1	491.1	500.2	525.4	.	.
Georgia	188	188	356.4	485.8	462.5	460.8	450.1	447.4	.	.	.
Hong Kong SAR	175	171	624.7	591.8	585.2	593.2	600.1	661.5	615.8	.	636.3
Hungary	278	269	.	493.4	500.5	521.6	518.8	492.2	518.2	.	.
Iran, Islamic Rep. of	251	251	.	398.4	437.3	440.9	461.1	450.1	.	.	.
Ireland	526	484	510.8	524.3	524.1	522.7	521.6	528.8	530.7	.	519.3
Israel	603	546	444.3	469.7	480.7	535.0	539.5	518.2	516.4	.	404.8
Italy	230	215	.	.	492.3	506.4	485.8	498.2	512.6	.	532.0
Japan	231	230	572.8	583.6	591.0	587.0	587.2	580.8	571.1	.	.
Jordan	260	258	389.6	377.4	385.9	388.3	393.0	408.8	.	.	382.6
Kazakhstan	239	236	519.2	513.4	519.5	536.1	528.1	561.8	518.8	.	436.6
Korea, Rep. of	317	317	570.6	599.8	607.3	610.0	600.7	678.9	.	.	.
Kuwait	191	186	382.8	391.8	387.6	415.2	368.3	341.2	401.3	.	363.5
Lebanon	185	181	433.1	439.5	435.2	455.1	449.1	467.0	451.2	.	.
Lithuania	269	258	551.4	439.1	516.4	522.7	507.2	500.0	524.4	.	.
Malaysia	326	305	463.1	484.9	466.7	440.9	499.4	.	455.7	.	.
Malta	224	213	512.6	501.9	485.1	487.3	512.5	483.7	478.6	.	.
Morocco	373	358	374.9	377.4	369.8	386.9	388.1	400.5	384.2	.	411.8
New Zealand	489	468	498.0	481.5	493.6	490.4	491.5	512.5	472.4	.	505.8
Norway	239	219	502.6	506.0	516.8	512.2	508.9	512.2	499.3	.	.
Oman	356	354	402.4	405.7	403.5	403.4	389.3	442.5	.	.	366.6
Qatar	250	247	424.8	431.6	435.2	436.5	454.2	.	546.5	.	.
Russian Federation	226	225	548.4	520.7	541.5	545.1	526.1	553.6	.	.	518.8
Saudi Arabia	149	144	361.2	350.8	366.5	382.3	358.4	.	448.5	.	378.7
Singapore	334	330	645.7	624.0	613.3	625.0	612.1	618.5	681.7	.	.
Slovenia	467	441	.	513.4	516.6	518.2	515.9	523.0	511.9	.	.
South Africa	334	330	378.6	382.2	380.6	354.4	380.2	451.5	319.9	.	360.0
Sweden	206	201	499.0	511.4	496.9	506.2	496.9	492.1	510.0	.	.
Thailand	205	202	444.7	421.0	434.0	430.5	440.0	409.4	.	.	435.9
Turkey	220	219	410.7	431.8	478.4	485.9	472.1	439.3	.	.	469.5
United Arab Emirates	746	677	451.3	472.2	464.2	473.8	448.3	387.2	456.9	.	462.5
United States	429	369	520.2	530.3	513.9	512.6	526.4	524.0	516.7	.	483.2
International Avg. (39)	12055	11374	474.0	475.4	479.7	485.5	484.4	501.2	487.5	.	448.6
Buenos Aires, Argentina	138	61	419.4	383.4	393.9	391.2	388.1	.	400.5	.	.
Ontario, Canada	217	186	520.1	530.7	528.7	521.9	525.4	494.6	506.0	.	499.1
Quebec, Canada	175	161	556.9	570.8	554.4	552.4	536.4	542.4	474.1	.	.
Norway (8)	239	216	452.7	475.8	491.0	490.3	481.7	493.9	482.8	.	479.1
Abu Dhabi, UAE	207	181	.	439.7	429.0	465.5	427.8	390.0	444.7	.	420.1
Dubai, UAE	267	248	500.9	519.6	518.9	501.9	507.1	484.7	485.5	.	519.7
Florida, US	110	79	509.8	527.0	495.6	486.2	515.5	359.7	469.7	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: What is the highest level of formal education you have completed?
Location: TQG-04 (BTBG04)

Country	Sample	Valid N	1.No upper secondary %	2.Upper secondary %	3.Post-secondary, non-tertiary %	4.Short-cycle tertiary %	5.Bachelors or equivalent %	6.Masters or equivalent %	7.Doctor or equivalent %	Not Administered %	Not Applicable %	Omitted %
Australia	941	801	0.0	0.0	0.0	0.0	79.9	17.0	3.0	8.4	0.0	0.2
Bahrain	201	177	0.0	1.0	0.0	6.7	74.1	18.2	0.0	1.0	0.0	11.2
Botswana	169	88	0.0	4.0	0.0	60.9	33.8	1.3	0.0	5.5	0.0	39.9
Canada	409	351	0.0	0.0	0.0	0.6	82.2	15.3	1.9	13.9	0.0	0.0
Chile	173	140	0.0	2.0	0.0	5.2	85.6	6.7	0.5	9.4	0.0	7.8
Chinese Taipei	216	216	0.0	0.0	0.0	0.0	49.3	50.7	0.0	0.0	0.0	0.0
Egypt	215	179	0.0	2.0	10.1	0.8	86.9	0.2	0.0	0.9	0.0	17.8
England	215	184	0.0	0.7	0.4	0.0	82.1	15.6	1.3	13.1	0.0	0.0
Georgia	188	186	0.0	2.3	0.0	0.0	9.9	85.8	2.0	0.0	0.0	0.7
Hong Kong SAR	175	157	0.8	0.0	0.0	2.8	53.4	42.7	0.2	1.8	0.0	9.0
Hungary	278	269	0.0	0.0	0.0	0.3	69.6	29.8	0.3	3.4	0.0	0.0
Iran, Islamic Rep. of	251	248	0.2	1.9	1.8	19.1	65.3	11.5	0.2	0.0	0.0	1.4
Ireland	526	486	0.0	0.7	0.0	0.4	66.4	32.3	0.2	6.7	0.0	0.0
Israel	603	550	0.0	0.2	0.6	2.6	59.5	36.9	0.1	6.2	0.0	0.5
Italy	230	195	0.0	0.0	0.9	16.7	71.0	7.5	3.9	4.6	0.0	9.0
Japan	231	230	0.0	0.0	0.0	0.6	90.4	7.7	1.3	0.3	0.0	0.0
Jordan	260	199	0.3	4.1	0.5	5.8	79.9	8.2	1.1	0.0	0.0	25.4
Kazakhstan	239	233	0.0	2.3	0.4	0.0	92.9	4.4	0.0	0.4	0.0	1.7
Korea, Rep. of	317	317	0.0	0.0	0.0	0.0	65.7	34.3	0.0	0.0	0.0	0.0
Kuwait	191	165	0.0	1.7	7.5	0.3	76.1	14.4	0.0	1.4	0.0	15.4
Lebanon	185	175	7.2	12.7	0.0	0.9	38.6	39.5	1.1	2.8	0.0	2.3
Lithuania	269	258	0.0	0.2	0.0	0.4	66.7	32.7	0.0	4.8	0.0	0.0
Malaysia	326	302	0.0	0.0	0.6	4.1	92.2	3.1	0.0	6.2	0.0	1.4
Malta	224	213	0.0	1.4	0.0	6.1	79.8	12.8	0.0	4.6	0.0	0.0
Morocco	373	313	0.6	40.7	3.2	18.6	32.2	4.5	0.3	2.8	0.0	12.8
New Zealand	489	468	0.0	0.0	0.0	9.5	44.4	43.7	2.5	3.7	0.0	0.6
Norway	239	219	0.0	0.0	0.0	4.5	73.8	21.2	0.5	7.1	0.0	0.0
Oman	356	324	0.0	0.5	0.0	0.6	85.8	13.0	0.0	0.0	0.0	9.8
Qatar	250	219	0.0	1.3	2.5	0.0	66.5	29.1	0.7	0.4	0.0	12.6
Russian Federation	226	218	0.0	0.0	0.4	0.0	35.9	63.0	0.7	0.0	0.0	3.2
Saudi Arabia	149	107	0.0	4.0	1.3	3.4	88.2	3.1	0.0	29.9	0.0	1.3
Singapore	334	330	0.0	0.0	1.9	0.3	87.0	10.7	0.0	1.7	0.0	0.0
Slovenia	467	440	0.0	0.0	3.9	36.3	0.2	59.3	0.2	5.1	0.0	0.6
South Africa	334	330	0.0	2.3	0.6	24.8	70.6	1.7	0.0	0.2	0.0	0.2
Sweden	206	192	0.0	1.3	0.7	3.3	59.3	33.0	2.4	1.8	0.0	3.5
Thailand	205	202	0.0	0.0	0.0	0.0	74.0	25.3	0.7	0.0	0.0	1.5
Turkey	220	218	0.0	0.0	0.0	3.3	89.8	6.3	0.6	0.0	0.0	0.6
United Arab Emirates	746	573	0.2	0.4	0.5	3.1	65.8	29.1	0.9	7.9	0.0	15.0
United States	429	371	0.0	0.0	0.0	0.0	42.0	57.7	0.4	13.6	0.0	0.0
International Avg. (39)	12055	10843	0.2	2.2	1.0	6.2	65.8	23.8	0.7	4.3	0.0	5.3
Buenos Aires, Argentina	138	61	0.0	6.1	3.0	61.8	27.7	1.4	0.0	57.3	0.0	0.0
Ontario, Canada	217	181	0.0	0.0	0.0	1.1	80.5	18.4	0.0	16.5	0.0	0.0
Quebec, Canada	175	153	0.0	0.0	0.0	0.0	84.9	9.2	5.9	12.2	0.0	0.0
Norway (8)	239	217	0.0	0.0	0.3	2.5	74.1	22.4	0.7	7.8	0.0	0.0
Abu Dhabi, UAE	207	158	0.0	0.5	0.7	4.0	78.6	15.2	1.0	11.6	0.0	12.9
Dubai, UAE	267	216	0.6	0.7	0.3	0.4	56.0	41.1	0.9	3.8	0.0	12.2
Florida, US	110	79	0.0	0.0	0.0	0.0	65.2	34.8	0.0	24.8	0.0	0.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: What is the highest level of formal education you have completed?
Location: TQG-04 (BTBG04)

Country	Sample	Valid N	1.No upper secondary Mean	2.Upper secondary Mean	3.Post-secondary, non-tertiary Mean	4.Short-cycle tertiary Mean	5.Bachelors or equivalent Mean	6.Masters or equivalent Mean	7.Doctor or equivalent Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	801	.	.	.	404.0	509.7	491.7	543.9	477.1	.	440.8
Bahrain	201	177	.	409.3	.	442.0	456.6	465.3	.	452.8	.	432.2
Botswana	169	88	.	354.5	.	386.0	393.1	445.6	.	383.2	.	395.9
Canada	409	351	.	.	.	543.4	530.9	535.9	535.1	499.2	.	.
Chile	173	140	.	410.2	.	412.4	430.1	441.1	382.3	406.3	.	433.0
Chinese Taipei	216	216	.	.	.	.	601.3	597.0	.	.	.	.
Egypt	215	179	.	337.0	397.1	310.0	395.7	489.8	.	439.8	.	380.6
England	215	184	.	408.9	525.2	.	513.8	529.5	637.1	525.4	.	.
Georgia	188	186	.	437.6	.	.	447.0	453.3	507.6	.	.	422.7
Hong Kong SAR	175	157	588.9	.	.	614.6	594.2	590.1	726.1	615.8	.	600.3
Hungary	278	269	.	.	.	541.7	506.6	531.3	581.4	518.2	.	.
Iran, Islamic Rep. of	251	248	428.9	392.3	452.1	439.5	433.9	452.9	411.7	.	.	418.3
Ireland	526	486	358.1	450.4	.	497.9	527.7	515.4	522.6	530.7	.	.
Israel	603	550	.	556.4	445.7	477.6	498.4	532.2	564.8	516.4	.	560.6
Italy	230	195	.	.	468.9	481.6	497.1	495.0	470.2	512.6	.	498.0
Japan	231	230	.	.	.	591.3	582.9	609.2	700.6	571.1	.	.
Jordan	260	199	436.2	403.7	303.7	397.1	387.3	378.9	392.9	.	.	379.4
Kazakhstan	239	233	.	485.4	460.7	.	528.5	546.4	.	518.8	.	515.0
Korea, Rep. of	317	317	.	.	.	.	605.1	607.1	516.6	.	.	.
Kuwait	191	165	.	332.6	382.6	382.2	387.1	393.5	.	401.3	.	422.5
Lebanon	185	175	428.1	433.4	.	409.4	445.3	447.0	433.1	434.7	.	438.1
Lithuania	269	258	.	521.2	.	541.9	508.2	515.3	.	524.4	.	.
Malaysia	326	302	.	.	539.7	495.3	465.3	444.1	.	455.7	.	436.7
Malta	224	213	.	545.2	.	485.1	492.5	504.3	.	478.6	.	.
Morocco	373	313	377.0	388.2	367.9	384.6	380.0	360.0	503.7	391.4	.	390.1
New Zealand	489	468	.	.	.	474.8	492.8	499.5	469.0	472.4	.	505.8
Norway	239	219	.	.	.	509.2	512.4	512.8	536.6	499.3	.	.
Oman	356	324	.	395.9	.	368.6	402.5	425.0	.	.	.	384.8
Qatar	250	219	.	412.6	407.2	.	417.2	477.5	491.0	546.5	.	448.4
Russian Federation	226	218	.	.	478.6	.	539.9	537.8	561.7	.	.	522.6
Saudi Arabia	149	107	.	360.1	357.4	325.6	370.1	433.6	.	361.7	.	384.5
Singapore	334	330	.	.	625.3	612.9	618.1	634.1	.	681.7	.	.
Slovenia	467	440	.	.	516.6	517.6	519.8	516.4	526.7	511.9	.	466.6
South Africa	334	330	.	354.8	376.0	352.0	380.0	385.9	.	319.9	.	303.8
Sweden	206	192	.	515.4	504.2	498.7	503.6	497.2	473.1	510.0	.	494.5
Thailand	205	202	.	.	.	.	426.3	446.4	371.9	.	.	457.5
Turkey	220	218	.	.	.	450.3	453.2	514.8	594.1	.	.	412.6
United Arab Emirates	746	573	431.4	406.8	423.8	451.1	456.8	499.6	483.1	454.3	.	449.1
United States	429	371	.	.	.	.	514.8	521.0	559.9	516.7	.	.
International Avg. (39)	12055	10843	435.5	423.3	446.3	459.9	480.1	494.2	519.1	484.3	.	444.2
Buenos Aires, Argentina	138	61	.	414.4	395.7	384.2	393.7	469.6	.	400.5	.	.
Ontario, Canada	217	181	.	.	.	543.4	524.6	535.9	.	499.3	.	.
Quebec, Canada	175	153	.	.	.	.	549.5	558.3	535.1	499.0	.	.
Norway (8)	239	217	.	.	496.0	474.6	489.8	478.8	509.3	482.8	.	.
Abu Dhabi, UAE	207	158	.	307.8	434.6	439.5	439.2	470.3	431.5	442.6	.	432.1
Dubai, UAE	267	216	431.4	492.0	531.8	460.0	504.5	527.6	515.0	487.9	.	507.7
Florida, US	110	79	.	.	.	.	497.7	508.1	.	469.7	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	797	64.1	35.9	8.6	0.0	0.2	511.3	501.2	478.0	.	440.5
Bahrain	201	198	80.3	18.8	1.0	0.9	1.4	455.2	444.5	452.8	409.3	533.9
Botswana	169	152	66.7	30.9	5.5	2.4	2.1	392.8	390.9	383.2	354.5	390.1
Canada	409	361	26.4	73.6	9.7	0.0	1.2	542.4	526.6	497.7	.	506.9
Chile	173	151	78.6	19.5	9.4	1.9	1.5	435.8	409.9	406.3	410.2	390.9
Chinese Taipei	216	216	81.1	18.9	0.0	0.0	0.0	603.4	580.8	.	.	.
Egypt	215	210	71.2	27.2	0.9	1.7	1.2	394.0	389.2	439.8	337.0	393.4
England	215	184	80.4	18.9	13.1	0.7	0.0	522.7	497.6	525.4	408.9	.
Georgia	188	186	91.0	6.6	0.0	2.3	1.4	455.4	437.4	.	437.6	411.3
Hong Kong SAR	175	171	67.4	31.8	1.8	0.8	1.5	587.8	605.9	615.8	588.9	613.3
Hungary	278	269	20.2	79.8	3.4	0.0	0.0	507.6	516.0	518.2	.	.
Iran, Islamic Rep. of	251	246	66.7	31.2	0.0	2.1	2.4	440.5	433.1	.	395.5	399.3
Ireland	526	479	69.5	29.8	6.7	0.7	2.2	525.9	516.8	530.7	446.5	538.6
Israel	603	548	86.7	13.0	6.2	0.2	0.9	512.9	493.1	516.4	556.4	521.4
Italy	230	213	45.1	54.9	4.6	0.0	1.5	494.7	491.4	512.6	.	534.6
Japan	231	230	81.1	18.9	0.3	0.0	0.0	587.5	582.2	571.1	.	.
Jordan	260	257	86.8	9.8	0.0	3.3	0.7	384.0	393.7	.	406.1	369.8
Kazakhstan	239	237	95.2	2.6	0.4	2.2	0.1	530.4	473.5	518.8	485.4	478.5
Korea, Rep. of	317	317	48.3	51.7	0.0	0.0	0.0	607.8	603.9	.	.	.
Kuwait	191	186	76.5	22.1	1.4	1.4	1.9	396.6	387.1	401.3	332.6	332.1
Lebanon	185	180	65.9	14.7	2.3	19.5	0.4	443.2	449.9	451.2	431.5	514.6
Lithuania	269	258	91.0	8.8	4.8	0.2	0.0	510.8	508.7	524.4	521.2	.
Malaysia	326	299	58.2	41.8	6.2	0.0	3.1	470.0	461.0	455.7	.	456.5
Malta	224	213	87.1	11.5	4.6	1.4	0.0	493.4	494.7	478.6	545.2	.
Morocco	373	349	53.1	10.2	2.7	36.7	2.6	383.7	375.9	384.2	388.1	380.7
New Zealand	489	466	58.6	41.4	3.7	0.0	0.7	499.9	485.1	472.4	.	455.9
Norway	239	218	69.5	30.5	7.1	0.0	0.9	513.9	510.8	499.3	.	459.4
Oman	356	347	82.0	17.5	0.0	0.5	2.6	402.2	410.0	.	395.9	387.2
Qatar	250	241	84.4	14.4	0.4	1.1	2.5	434.0	449.1	546.5	412.6	463.4
Russian Federation	226	225	99.2	0.8	0.0	0.0	0.3	538.1	503.0	.	.	587.5
Saudi Arabia	149	146	79.7	17.5	0.6	2.8	1.3	367.3	366.8	448.5	360.1	384.5
Singapore	334	330	84.2	15.8	1.7	0.0	0.0	621.0	614.1	681.7	.	.
Slovenia	467	441	78.6	21.4	5.1	0.0	0.0	514.5	524.1	511.9	.	.
South Africa	334	327	73.1	24.6	0.2	2.3	1.4	369.0	383.7	319.9	354.8	387.2
Sweden	206	197	67.0	31.7	1.8	1.3	1.7	503.5	494.1	510.0	515.4	494.9
Thailand	205	204	80.4	19.6	0.0	0.0	0.6	429.2	439.0	.	.	487.2
Turkey	220	220	70.7	29.3	0.0	0.0	0.0	462.3	446.3	.	.	.
United Arab Emirates	746	677	85.3	14.3	7.7	0.5	0.9	466.0	461.3	457.1	414.5	498.6
United States	429	370	47.2	52.8	13.6	0.0	0.2	519.0	518.5	516.7	.	422.2
International Avg. (39)	12055	11316	71.8	26.0	3.5	2.2	1.0	482.8	476.2	487.5	430.8	456.4
Buenos Aires, Argentina	138	61	87.7	6.2	57.3	6.1	0.0	387.1	410.1	400.5	414.4	.
Ontario, Canada	217	186	9.1	90.9	11.9	0.0	0.8	523.6	524.8	506.0	.	503.4
Quebec, Canada	175	158	59.1	40.9	7.9	0.0	2.4	553.0	546.6	474.1	.	509.1
Norway (8)	239	217	69.5	30.5	7.8	0.0	0.0	486.8	487.7	482.8	.	.
Abu Dhabi, UAE	207	180	77.7	21.9	11.4	0.4	1.3	439.9	447.9	444.7	307.8	455.9
Dubai, UAE	267	250	90.5	8.4	3.8	1.1	1.6	512.2	520.3	487.9	464.2	539.8
Florida, US	110	77	50.7	49.3	24.8	0.0	0.5	501.8	501.5	469.7	.	445.0

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	26.5	73.5	8.4	0.0	0.4	501.7	509.9	477.1	.	451.9
Bahrain	201	199	6.4	92.7	1.0	0.9	1.0	472.8	452.0	452.8	409.3	556.6
Botswana	169	151	7.1	90.5	5.5	2.4	3.0	379.9	393.2	383.2	354.5	390.0
Canada	409	362	17.5	82.5	9.7	0.0	1.1	531.5	530.3	497.7	.	528.0
Chile	173	151	5.1	93.1	9.4	1.8	1.0	427.1	430.2	406.3	410.2	422.0
Chinese Taipei	216	216	1.0	99.0	0.0	0.0	0.0	539.9	599.7	.	.	.
Egypt	215	210	1.8	96.5	0.9	1.7	0.5	393.2	392.4	439.8	337.0	448.1
England	215	184	9.9	89.4	13.1	0.7	0.0	489.6	521.0	525.4	408.9	.
Georgia	188	186	0.5	97.2	0.0	2.3	1.3	445.4	454.0	.	437.6	424.1
Hong Kong SAR	175	172	3.7	95.6	1.8	0.8	0.7	588.4	594.0	615.8	588.9	603.2
Hungary	278	269	0.0	100.0	3.4	0.0	0.0	.	514.3	518.2	.	.
Iran, Islamic Rep. of	251	247	3.0	95.0	0.0	2.1	2.2	452.3	437.4	.	395.5	409.1
Ireland	526	481	13.9	85.4	6.7	0.7	1.7	510.7	525.0	530.7	446.5	552.6
Israel	603	546	5.5	94.2	6.2	0.2	1.8	488.7	511.2	516.4	556.4	533.4
Italy	230	213	74.6	25.4	4.6	0.0	1.5	488.9	504.5	512.6	.	534.6
Japan	231	230	1.7	98.3	0.3	0.0	0.0	591.1	586.4	571.1	.	.
Jordan	260	257	4.7	92.0	0.0	3.3	0.7	391.6	384.6	.	406.1	369.8
Kazakhstan	239	236	0.8	97.0	0.4	2.2	0.4	477.5	529.1	518.8	485.4	576.1
Korea, Rep. of	317	317	0.0	100.0	0.0	0.0	0.0	.	605.7	.	.	.
Kuwait	191	186	10.0	88.5	1.4	1.4	1.9	406.8	393.0	401.3	332.6	332.1
Lebanon	185	179	8.9	71.4	2.3	19.6	1.3	438.7	445.5	451.2	431.5	449.6
Lithuania	269	257	0.0	99.8	4.8	0.2	0.1	.	510.7	524.4	521.2	439.1
Malaysia	326	297	12.5	87.5	7.0	0.0	3.4	465.0	467.2	447.9	.	458.4
Malta	224	213	0.7	98.0	4.6	1.4	0.0	425.2	494.0	478.6	545.2	.
Morocco	373	348	0.5	62.6	2.7	36.9	3.0	365.4	382.6	384.2	388.1	380.7
New Zealand	489	467	13.1	86.9	3.7	0.0	0.6	495.3	493.3	472.4	.	488.3
Norway	239	218	20.6	79.4	7.1	0.0	0.9	514.4	512.6	499.3	.	459.4
Oman	356	348	4.5	95.0	0.0	0.5	2.3	446.2	402.0	.	395.9	369.4
Qatar	250	241	3.8	95.0	0.4	1.1	2.5	424.4	436.7	546.5	412.6	463.4
Russian Federation	226	225	0.4	99.6	0.0	0.0	0.3	513.8	537.9	.	.	587.5
Saudi Arabia	149	146	5.2	92.0	0.6	2.8	1.3	353.7	368.0	448.5	360.1	384.5
Singapore	334	330	11.3	88.7	1.7	0.0	0.0	622.2	619.6	681.7	.	.
Slovenia	467	441	1.1	98.9	5.1	0.0	0.0	527.9	516.5	511.9	.	.
South Africa	334	327	24.8	72.9	0.2	2.3	1.7	375.6	371.3	319.9	354.8	400.9
Sweden	206	197	44.6	54.2	1.8	1.3	1.7	501.4	499.7	510.0	515.4	494.9
Thailand	205	203	3.0	97.0	0.0	0.0	1.0	455.0	430.5	.	.	448.9
Turkey	220	219	19.2	80.8	0.0	0.0	0.3	458.9	457.6	.	.	391.7
United Arab Emirates	746	674	11.0	88.5	7.7	0.5	1.9	493.8	461.1	457.1	414.5	511.8
United States	429	370	2.8	97.2	13.6	0.0	0.2	519.0	518.7	516.7	.	422.2
International Avg. (39)	12055	11311	9.8	88.0	3.5	2.2	1.1	471.5	481.9	487.2	430.8	460.7
Buenos Aires, Argentina	138	61	2.5	91.4	57.3	6.1	0.0	399.4	388.3	400.5	414.4	.
Ontario, Canada	217	187	13.8	86.2	11.9	0.0	0.8	525.7	524.5	506.0	.	507.4
Quebec, Canada	175	158	23.0	77.0	7.9	0.0	2.1	546.6	550.3	474.1	.	542.5
Norway (8)	239	215	21.5	78.5	7.8	0.0	0.4	493.7	485.3	482.8	.	486.3
Abu Dhabi, UAE	207	181	8.3	91.3	11.4	0.4	1.1	469.3	439.2	444.7	307.8	454.7
Dubai, UAE	267	248	18.4	80.5	3.8	1.1	2.3	517.7	512.1	487.9	464.2	519.3
Florida, US	110	77	5.1	94.9	24.8	0.0	0.5	530.2	500.1	469.7	.	445.0

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	796	15.2	84.8	8.6	0.0	0.3	519.0	505.7	478.0	.	441.7
Bahrain	201	199	15.5	83.5	1.0	0.9	1.0	472.0	449.9	452.8	409.3	556.6
Botswana	169	152	9.4	88.2	5.5	2.4	2.1	389.5	392.5	383.2	354.5	390.1
Canada	409	362	6.9	93.1	9.7	0.0	1.1	541.7	529.7	497.7	.	528.0
Chile	173	152	10.3	87.8	9.4	1.8	0.3	431.6	429.3	406.3	410.2	541.2
Chinese Taipei	216	216	3.6	96.4	0.0	0.0	0.0	579.1	599.9	.	.	.
Egypt	215	211	17.2	81.2	0.9	1.7	0.4	391.4	392.7	439.8	337.0	438.0
England	215	184	11.3	88.0	13.1	0.7	0.0	530.1	516.3	525.4	408.9	.
Georgia	188	186	38.8	58.9	0.0	2.3	1.4	450.5	456.6	.	437.6	411.3
Hong Kong SAR	175	172	5.0	94.2	1.8	0.8	0.7	554.3	595.9	615.8	588.9	603.2
Hungary	278	269	4.6	95.4	3.4	0.0	0.0	513.7	514.3	518.2	.	.
Iran, Islamic Rep. of	251	247	5.3	92.6	0.0	2.1	2.2	435.9	437.9	.	395.5	409.1
Ireland	526	481	12.6	86.6	6.7	0.7	1.7	511.0	524.7	530.7	446.5	552.6
Israel	603	548	25.7	74.0	6.2	0.2	0.9	519.8	507.0	516.4	556.4	521.4
Italy	230	212	36.3	63.7	4.6	0.0	1.8	493.3	492.3	512.6	.	536.5
Japan	231	230	7.4	92.6	0.3	0.0	0.0	588.7	586.3	571.1	.	.
Jordan	260	257	9.8	86.9	0.0	3.3	0.7	385.9	384.9	.	406.1	369.8
Kazakhstan	239	236	7.0	90.8	0.4	2.2	0.3	553.8	527.0	518.8	485.4	478.3
Korea, Rep. of	317	317	0.0	100.0	0.0	0.0	0.0	.	605.7	.	.	.
Kuwait	191	187	33.3	65.3	1.4	1.4	1.1	391.5	395.5	401.3	332.6	316.0
Lebanon	185	177	27.1	53.0	2.3	19.9	2.4	438.6	447.4	451.2	431.5	456.1
Lithuania	269	256	17.5	82.3	4.8	0.2	1.4	509.5	510.8	524.4	521.2	511.8
Malaysia	326	296	12.5	87.5	7.0	0.0	3.7	470.1	466.6	447.9	.	457.0
Malta	224	213	28.0	70.6	4.6	1.4	0.0	491.8	494.2	478.6	545.2	.
Morocco	373	346	19.1	43.7	2.7	37.2	3.9	387.7	379.8	384.2	388.1	384.6
New Zealand	489	467	12.9	87.1	3.7	0.0	0.6	507.1	491.5	472.4	.	488.3
Norway	239	217	12.6	87.4	7.1	0.0	1.0	503.8	514.4	499.3	.	462.0
Oman	356	349	32.5	67.0	0.0	0.5	1.8	413.9	399.0	.	395.9	366.8
Qatar	250	241	18.7	80.2	0.4	1.1	2.5	443.0	434.6	546.5	412.6	463.4
Russian Federation	226	225	25.7	74.3	0.0	0.0	0.3	537.1	538.1	.	.	587.5
Saudi Arabia	149	146	10.6	86.6	0.6	2.8	1.3	349.6	369.4	448.5	360.1	384.5
Singapore	334	330	52.9	47.1	1.7	0.0	0.0	624.4	614.9	681.7	.	.
Slovenia	467	441	44.5	55.5	5.1	0.0	0.0	515.6	517.3	511.9	.	.
South Africa	334	326	27.9	69.8	0.2	2.3	1.7	346.6	382.7	319.9	354.8	399.9
Sweden	206	197	40.0	58.8	1.8	1.3	1.7	508.9	494.7	510.0	515.4	494.9
Thailand	205	203	6.5	93.5	0.0	0.0	1.0	440.7	430.6	.	.	448.9
Turkey	220	219	28.7	71.3	0.0	0.0	0.3	450.8	460.7	.	.	391.7
United Arab Emirates	746	674	28.4	71.1	7.7	0.5	1.6	483.6	457.0	457.1	414.5	529.0
United States	429	369	4.0	96.0	13.6	0.0	0.3	507.3	519.1	516.7	.	495.3
International Avg. (39)	12055	11306	18.6	79.1	3.5	2.3	1.1	478.5	481.2	487.3	430.8	465.0
Buenos Aires, Argentina	138	61	39.6	54.2	57.3	6.1	0.0	374.6	398.9	400.5	414.4	.
Ontario, Canada	217	187	1.2	98.8	11.9	0.0	0.8	546.6	524.4	506.0	.	507.4
Quebec, Canada	175	158	18.0	82.0	7.9	0.0	2.1	546.4	550.1	474.1	.	542.5
Norway (8)	239	215	12.6	87.4	7.8	0.0	0.4	480.5	488.0	482.8	.	486.3
Abu Dhabi, UAE	207	180	17.8	81.8	11.4	0.4	2.0	436.4	440.5	444.7	307.8	533.5
Dubai, UAE	267	247	41.7	57.2	3.8	1.1	3.0	514.9	511.6	487.9	464.2	524.4
Florida, US	110	77	6.7	93.3	24.8	0.0	0.5	513.0	500.9	469.7	.	445.0

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	795	23.6	76.4	8.6	0.0	0.5	510.0	507.0	478.0	.	464.3
Bahrain	201	199	12.1	87.0	1.0	0.9	1.0	467.8	451.3	452.8	409.3	556.6
Botswana	169	152	9.2	88.4	5.5	2.4	2.1	377.8	393.7	383.2	354.5	390.1
Canada	409	361	12.1	87.9	9.7	0.0	1.3	530.1	530.5	497.7	.	530.8
Chile	173	152	5.1	93.1	9.4	1.8	0.3	406.5	430.8	406.3	410.2	541.2
Chinese Taipei	216	216	3.1	96.9	0.0	0.0	0.0	579.5	599.7	.	.	.
Egypt	215	211	15.6	82.7	0.9	1.7	0.4	385.9	393.7	439.8	337.0	438.0
England	215	184	8.8	90.5	13.1	0.7	0.0	499.3	519.7	525.4	408.9	.
Georgia	188	185	3.7	94.0	0.0	2.3	1.9	451.0	454.7	.	437.6	403.4
Hong Kong SAR	175	172	3.0	96.2	1.8	0.8	0.7	623.3	592.9	615.8	588.9	603.2
Hungary	278	269	5.1	94.9	3.4	0.0	0.0	509.2	514.6	518.2	.	.
Iran, Islamic Rep. of	251	247	3.8	94.1	0.0	2.1	2.2	432.8	438.0	.	395.5	409.1
Ireland	526	480	13.7	85.6	6.7	0.7	1.8	507.1	525.5	530.7	446.5	553.4
Israel	603	547	10.0	89.8	6.2	0.2	1.3	495.3	512.4	516.4	556.4	489.9
Italy	230	213	41.2	58.8	4.6	0.0	1.5	488.0	496.3	512.6	.	534.6
Japan	231	230	3.3	96.7	0.3	0.0	0.0	599.4	586.1	571.1	.	.
Jordan	260	257	7.6	89.1	0.0	3.3	0.7	397.7	383.9	.	406.1	369.8
Kazakhstan	239	236	0.8	97.0	0.4	2.2	0.6	477.5	529.2	518.8	485.4	534.1
Korea, Rep. of	317	317	0.0	100.0	0.0	0.0	0.0	.	605.7	.	.	.
Kuwait	191	186	24.5	74.0	1.4	1.4	1.9	390.7	395.7	401.3	332.6	332.1
Lebanon	185	177	16.8	63.3	2.3	19.9	2.4	434.0	447.2	451.2	431.5	456.1
Lithuania	269	256	0.0	99.8	4.8	0.2	1.4	.	510.6	524.4	521.2	511.8
Malaysia	326	296	16.4	83.6	7.0	0.0	3.7	464.2	467.6	447.9	.	457.0
Malta	224	213	2.3	96.4	4.6	1.4	0.0	506.9	493.2	478.6	545.2	.
Morocco	373	346	9.2	53.6	2.7	37.2	3.9	397.6	379.6	384.2	388.1	384.6
New Zealand	489	467	9.8	90.2	3.7	0.0	0.6	513.2	491.4	472.4	.	488.3
Norway	239	218	20.3	79.7	7.1	0.0	0.9	507.5	514.4	499.3	.	459.4
Oman	356	348	16.7	82.8	0.0	0.5	2.1	423.2	400.5	.	395.9	351.6
Qatar	250	240	9.0	89.9	0.4	1.1	2.8	454.4	434.0	546.5	412.6	473.0
Russian Federation	226	225	0.5	99.5	0.0	0.0	0.3	572.9	537.7	.	.	587.5
Saudi Arabia	149	146	5.4	91.8	0.6	2.8	1.3	365.6	367.3	448.5	360.1	384.5
Singapore	334	330	40.0	60.0	1.7	0.0	0.0	615.3	623.0	681.7	.	.
Slovenia	467	441	1.2	98.8	5.1	0.0	0.0	484.8	517.0	511.9	.	.
South Africa	334	324	19.3	78.3	0.2	2.4	2.4	356.0	376.3	319.9	354.8	396.0
Sweden	206	197	38.7	60.0	1.8	1.3	1.7	503.3	498.7	510.0	515.4	494.9
Thailand	205	203	4.7	95.3	0.0	0.0	1.0	440.1	430.8	.	.	448.9
Turkey	220	219	21.0	79.0	0.0	0.0	0.3	454.9	458.6	.	.	391.7
United Arab Emirates	746	671	20.4	79.2	7.7	0.5	1.9	493.2	457.5	457.1	414.5	506.6
United States	429	370	2.5	97.5	13.6	0.0	0.3	509.4	519.1	516.7	.	423.2
International Avg. (39)	12055	11296	11.8	85.9	3.5	2.3	1.2	476.4	481.7	487.3	430.8	463.4
Buenos Aires, Argentina	138	61	8.0	85.9	57.3	6.1	0.0	366.7	390.7	400.5	414.4	.
Ontario, Canada	217	187	7.0	93.0	11.9	0.0	0.8	528.8	524.3	506.0	.	507.4
Quebec, Canada	175	157	21.1	78.9	7.9	0.0	2.6	541.4	551.6	474.1	.	544.2
Norway (8)	239	214	21.5	78.5	7.8	0.0	0.7	489.9	486.4	482.8	.	480.7
Abu Dhabi, UAE	207	180	10.9	88.7	11.4	0.4	2.0	449.7	438.5	444.7	307.8	533.5
Dubai, UAE	267	246	36.0	62.9	3.8	1.1	3.1	520.9	509.5	487.9	464.2	504.1
Florida, US	110	76	6.1	93.9	24.8	0.0	2.5	541.9	501.5	469.7	.	424.8

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	794	7.1	92.9	8.6	0.0	1.2	495.6	508.1	478.0	.	528.3
Bahrain	201	199	3.2	95.9	1.0	0.9	1.0	461.0	453.1	452.8	409.3	556.6
Botswana	169	0	.	.	.	.	.	.	.	.	.	.
Canada	409	362	8.3	91.7	9.7	0.0	1.0	522.8	531.2	497.7	.	523.9
Chile	173	150	4.7	93.4	9.4	1.8	1.2	419.0	429.6	406.3	410.2	491.8
Chinese Taipei	216	216	0.0	100.0	0.0	0.0	0.0	.	599.1	.	.	.
Egypt	215	207	1.7	96.6	0.9	1.7	2.2	412.6	392.9	439.8	337.0	369.6
England	215	184	4.6	94.8	13.1	0.7	0.0	526.7	517.5	525.4	408.9	.
Georgia	188	184	0.8	96.9	0.0	2.4	2.7	543.3	453.7	.	437.6	424.0
Hong Kong SAR	175	172	0.7	98.5	1.8	0.8	0.7	622.9	593.6	615.8	588.9	603.2
Hungary	278	269	0.5	99.5	3.4	0.0	0.0	474.2	514.5	518.2	.	.
Iran, Islamic Rep. of	251	246	3.0	94.9	0.0	2.1	2.5	427.7	437.6	.	395.5	434.6
Ireland	526	475	6.7	92.5	6.7	0.7	2.9	535.6	521.7	530.7	446.5	550.3
Israel	603	543	4.7	95.0	6.2	0.2	2.1	486.7	511.9	516.4	556.4	497.6
Italy	230	212	42.6	57.4	4.6	0.0	1.8	491.0	494.2	512.6	.	529.0
Japan	231	230	1.4	98.6	0.3	0.0	0.0	571.2	586.7	571.1	.	.
Jordan	260	257	3.8	92.9	0.0	3.3	0.7	391.2	384.7	.	406.1	369.8
Kazakhstan	239	236	0.8	97.0	0.4	2.2	0.4	477.5	529.1	518.8	485.4	576.1
Korea, Rep. of	317	317	0.0	100.0	0.0	0.0	0.0	.	605.7	.	.	.
Kuwait	191	185	4.4	94.1	1.4	1.5	2.4	382.4	394.9	401.3	332.6	347.9
Lebanon	185	177	4.9	75.2	2.3	19.9	2.4	396.9	447.5	451.2	431.5	456.1
Lithuania	269	256	0.7	99.1	4.8	0.2	1.4	478.7	510.9	524.4	521.2	511.8
Malaysia	326	294	1.1	98.9	7.0	0.0	4.5	467.8	467.2	447.9	.	455.9
Malta	224	213	0.2	98.4	4.6	1.4	0.0	379.2	493.8	478.6	545.2	.
Morocco	373	346	0.0	62.8	2.7	37.2	3.9	.	382.2	384.2	388.1	384.6
New Zealand	489	466	8.2	91.8	3.7	0.0	1.9	476.8	494.3	472.4	.	525.7
Norway	239	218	3.1	96.9	7.1	0.0	0.9	509.6	513.1	499.3	.	459.4
Oman	356	345	0.5	99.0	0.0	0.5	2.9	473.3	404.0	.	395.9	366.0
Qatar	250	239	1.4	97.5	0.4	1.1	3.0	457.2	435.6	546.5	412.6	468.0
Russian Federation	226	225	0.0	100.0	0.0	0.0	0.3	.	537.8	.	.	587.5
Saudi Arabia	149	145	1.3	95.9	0.6	2.8	1.7	376.7	367.1	448.5	360.1	378.6
Singapore	334	330	5.0	95.0	1.7	0.0	0.0	616.6	620.1	681.7	.	.
Slovenia	467	441	0.1	99.9	5.1	0.0	0.0	495.3	516.6	511.9	.	.
South Africa	334	325	5.2	92.4	0.2	2.4	2.2	392.0	371.6	319.9	354.8	379.8
Sweden	206	197	11.6	87.1	1.8	1.3	1.8	515.6	498.7	510.0	515.4	485.7
Thailand	205	202	2.2	97.8	0.0	0.0	1.6	392.6	432.0	.	.	449.8
Turkey	220	216	2.2	97.8	0.0	0.0	1.7	498.8	456.3	.	.	480.3
United Arab Emirates	746	671	3.0	96.5	7.7	0.5	1.9	447.4	465.5	457.1	414.5	500.2
United States	429	369	2.0	98.0	13.6	0.0	0.5	504.7	519.6	516.7	.	388.5
International Avg. (38)	12055	11113	4.0	93.8	3.4	2.3	1.5	474.1	484.0	490.9	434.3	469.4
Buenos Aires, Argentina	138	60	0.0	93.7	57.3	6.3	0.8	.	389.1	400.5	414.4	367.2
Ontario, Canada	217	187	4.6	95.4	11.9	0.0	0.8	520.8	524.8	506.0	.	507.4
Quebec, Canada	175	158	13.8	86.2	7.9	0.0	1.6	535.7	551.7	474.1	.	539.1
Norway (8)	239	213	4.9	95.1	7.8	0.0	1.5	497.5	486.1	482.8	.	513.4
Abu Dhabi, UAE	207	179	3.0	96.6	11.4	0.4	2.4	431.5	440.3	444.7	307.8	507.3
Dubai, UAE	267	247	5.4	93.4	3.8	1.1	2.8	467.7	516.3	487.9	464.2	504.5
Florida, US	110	76	0.1	99.9	24.8	0.0	0.9	606.3	501.1	469.7	.	510.7

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	793	60.2	39.8	8.6	0.0	0.5	509.7	504.8	478.0	.	463.9
Bahrain	201	199	49.0	50.1	1.0	0.9	1.0	454.0	452.6	452.8	409.3	556.6
Botswana	169	151	35.9	61.7	5.5	2.4	2.9	390.1	393.3	383.2	354.5	392.5
Canada	409	361	34.2	65.8	9.7	0.0	1.3	544.5	523.2	497.7	.	530.0
Chile	173	151	50.4	47.8	9.4	1.8	0.9	441.1	417.2	406.3	410.2	479.1
Chinese Taipei	216	216	34.4	65.6	0.0	0.0	0.0	608.4	594.2	.	.	.
Egypt	215	210	69.2	29.2	0.9	1.7	0.5	392.9	391.1	439.8	337.0	448.1
England	215	184	48.0	51.3	13.1	0.7	0.0	515.6	520.0	525.4	408.9	.
Georgia	188	185	50.3	47.3	0.0	2.3	1.3	450.5	456.5	.	437.6	462.7
Hong Kong SAR	175	172	51.5	47.7	1.8	0.8	0.7	579.1	609.8	615.8	588.9	603.2
Hungary	278	269	88.2	11.8	3.4	0.0	0.0	515.5	505.2	518.2	.	.
Iran, Islamic Rep. of	251	246	43.1	54.8	0.0	2.1	2.9	441.3	435.4	.	395.5	410.6
Ireland	526	475	41.4	57.8	6.7	0.7	2.3	522.2	523.6	530.7	446.5	542.0
Israel	603	546	69.8	29.9	6.2	0.2	1.4	517.9	493.4	516.4	556.4	500.0
Italy	230	213	34.2	65.8	4.6	0.0	1.3	493.5	492.5	512.6	.	542.9
Japan	231	230	47.3	52.7	0.3	0.0	0.0	579.6	592.7	571.1	.	.
Jordan	260	256	18.1	78.5	0.0	3.3	1.0	386.2	384.7	.	406.1	368.4
Kazakhstan	239	234	38.7	59.1	0.4	2.2	0.9	537.6	522.8	518.8	485.4	550.2
Korea, Rep. of	317	317	67.4	32.6	0.0	0.0	0.0	604.9	607.4	.	.	.
Kuwait	191	185	54.0	44.6	1.4	1.5	3.6	398.3	390.2	401.3	332.6	356.0
Lebanon	185	177	22.8	57.3	2.3	19.9	2.4	431.8	449.5	451.2	431.5	456.1
Lithuania	269	257	63.4	36.4	4.8	0.2	1.3	511.8	508.4	524.4	521.2	515.5
Malaysia	326	297	48.7	51.3	7.0	0.0	3.4	469.6	464.4	447.9	.	458.4
Malta	224	213	73.9	24.7	4.6	1.4	0.0	493.3	494.3	478.6	545.2	.
Morocco	373	343	11.4	51.2	2.7	37.4	4.3	392.3	379.9	384.2	388.1	384.6
New Zealand	489	463	36.1	63.9	3.7	0.0	1.6	497.5	490.9	472.4	.	505.5
Norway	239	218	17.2	82.8	7.1	0.0	0.9	509.4	513.7	499.3	.	459.4
Oman	356	345	57.3	42.2	0.0	0.5	2.5	401.6	406.4	.	395.9	387.1
Qatar	250	243	42.3	56.6	0.4	1.1	1.8	436.5	435.5	546.5	412.6	489.8
Russian Federation	226	225	57.9	42.1	0.0	0.0	0.3	543.9	529.4	.	.	587.5
Saudi Arabia	149	145	53.6	43.5	0.6	2.8	1.6	366.3	367.0	448.5	360.1	417.6
Singapore	334	330	59.4	40.6	1.7	0.0	0.0	627.1	609.4	681.7	.	.
Slovenia	467	441	59.2	40.8	5.1	0.0	0.0	516.5	516.7	511.9	.	.
South Africa	334	328	38.4	59.3	0.2	2.3	1.4	385.3	364.1	319.9	354.8	403.2
Sweden	206	198	71.4	27.3	1.8	1.3	1.5	503.6	493.7	510.0	515.4	468.6
Thailand	205	204	36.8	63.2	0.0	0.0	0.6	420.6	437.2	.	.	487.2
Turkey	220	219	79.6	20.4	0.0	0.0	0.3	454.9	469.3	.	.	391.7
United Arab Emirates	746	671	45.5	54.0	7.7	0.5	1.8	471.2	460.5	457.1	414.5	478.7
United States	429	370	56.7	43.3	13.6	0.0	0.2	517.7	519.5	516.7	.	568.7
International Avg. (39)	12055	11280	49.2	48.6	3.5	2.3	1.2	482.9	480.0	487.3	430.8	473.1
Buenos Aires, Argentina	138	61	69.2	24.7	57.3	6.1	0.0	384.3	400.9	400.5	414.4	.
Ontario, Canada	217	186	13.1	86.9	11.9	0.0	1.0	531.2	523.6	506.0	.	516.5
Quebec, Canada	175	158	69.4	30.6	7.9	0.0	2.1	556.9	532.6	474.1	.	542.5
Norway (8)	239	214	22.3	77.7	7.9	0.0	0.5	484.5	487.9	482.5	.	481.5
Abu Dhabi, UAE	207	178	43.4	56.2	11.4	0.4	2.5	444.8	438.8	444.7	307.8	456.1
Dubai, UAE	267	247	50.3	48.5	3.8	1.1	2.6	513.4	513.3	487.9	464.2	513.1
Florida, US	110	77	40.9	59.1	24.8	0.0	0.5	510.2	495.8	469.7	.	445.0

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	794	36.3	63.7	8.4	0.0	0.5	510.5	506.2	477.0	.	464.8
Bahrain	201	199	8.6	90.5	1.0	0.9	1.0	478.4	450.9	452.8	409.3	556.6
Botswana	169	151	10.8	86.8	5.5	2.4	3.2	389.2	392.2	383.2	354.5	400.9
Canada	409	362	17.2	82.8	9.7	0.0	1.2	522.9	532.1	497.7	.	529.1
Chile	173	150	7.2	90.9	9.4	1.9	1.6	448.0	428.4	406.3	410.2	439.2
Chinese Taipei	216	215	7.2	92.8	0.0	0.0	0.3	576.5	600.9	.	.	580.9
Egypt	215	209	8.1	90.3	0.9	1.7	1.6	386.8	393.5	439.8	337.0	378.4
England	215	184	6.4	93.0	13.1	0.7	0.0	522.0	517.6	525.4	408.9	.
Georgia	188	182	6.4	91.2	0.0	2.4	3.2	472.3	452.2	.	437.6	456.1
Hong Kong SAR	175	172	9.5	89.7	1.8	0.8	0.2	567.6	597.1	615.8	588.9	451.3
Hungary	278	269	53.1	46.9	3.4	0.0	0.0	524.0	503.3	518.2	.	.
Iran, Islamic Rep. of	251	246	4.1	93.8	0.0	2.1	2.9	448.6	437.5	.	395.5	413.0
Ireland	526	473	13.5	85.7	6.7	0.7	3.2	499.7	527.2	530.7	446.5	526.7
Israel	603	544	15.0	84.8	6.2	0.2	1.5	506.8	511.2	516.4	556.4	504.3
Italy	230	214	37.2	62.8	4.6	0.0	1.0	492.1	493.6	512.6	.	536.6
Japan	231	230	1.3	98.7	0.3	0.0	0.0	564.7	586.8	571.1	.	.
Jordan	260	256	2.9	93.7	0.0	3.4	1.4	394.7	384.7	.	406.1	371.7
Kazakhstan	239	233	8.4	89.4	0.4	2.3	1.5	538.6	527.4	518.8	485.4	559.2
Korea, Rep. of	317	317	0.5	99.5	0.0	0.0	0.0	624.9	605.7	.	.	.
Kuwait	191	183	15.6	82.9	1.4	1.5	5.2	396.8	392.2	401.3	332.6	397.5
Lebanon	185	177	7.4	72.7	2.3	19.9	2.4	412.3	447.7	451.2	431.5	456.1
Lithuania	269	255	4.2	95.6	4.8	0.2	1.9	497.5	511.5	524.4	521.2	499.3
Malaysia	326	296	9.6	90.4	7.0	0.0	3.9	438.1	470.5	447.9	.	449.3
Malta	224	213	14.8	83.9	4.6	1.4	0.0	501.3	492.2	478.6	545.2	.
Morocco	373	341	2.3	60.2	2.7	37.6	4.8	372.6	382.7	384.2	388.1	382.7
New Zealand	489	462	13.2	86.8	3.7	0.0	2.3	503.8	492.1	472.4	.	488.5
Norway	239	217	13.5	86.5	7.2	0.0	0.9	513.8	512.9	499.2	.	459.4
Oman	356	339	4.8	94.7	0.0	0.5	4.4	422.4	405.2	.	395.9	341.2
Qatar	250	240	6.6	92.3	0.4	1.1	2.8	416.9	437.2	546.5	412.6	473.0
Russian Federation	226	225	16.7	83.3	0.0	0.0	0.3	538.8	537.6	.	.	587.5
Saudi Arabia	149	144	4.3	92.9	0.6	2.8	2.3	345.6	367.5	448.5	360.1	406.5
Singapore	334	329	28.3	71.7	1.7	0.0	0.3	625.2	617.7	681.7	.	654.9
Slovenia	467	441	11.9	88.1	5.1	0.0	0.0	515.4	516.7	511.9	.	.
South Africa	334	323	15.2	82.4	0.2	2.4	3.4	355.1	375.7	319.9	354.8	383.0
Sweden	206	196	51.4	47.3	1.8	1.3	2.1	501.4	499.9	510.0	515.4	486.0
Thailand	205	202	5.5	94.5	0.0	0.0	1.3	437.8	431.2	.	.	423.6
Turkey	220	218	19.8	80.2	0.0	0.0	0.7	455.1	458.6	.	.	420.9
United Arab Emirates	746	669	8.4	91.1	7.7	0.5	2.0	487.4	463.5	457.1	414.5	473.7
United States	429	370	8.8	91.2	13.6	0.0	0.2	515.1	519.1	516.7	.	422.2
International Avg. (39)	12055	11240	13.2	84.5	3.5	2.3	1.7	480.0	481.5	487.2	430.8	465.9
Buenos Aires, Argentina	138	61	24.1	69.8	57.3	6.1	0.0	370.3	394.9	400.5	414.4	.
Ontario, Canada	217	186	14.2	85.8	11.9	0.0	1.0	522.5	525.0	506.0	.	516.5
Quebec, Canada	175	159	17.9	82.1	7.9	0.0	2.0	543.2	550.8	474.1	.	541.7
Norway (8)	239	213	19.0	81.0	7.9	0.0	1.1	490.8	486.2	482.5	.	491.2
Abu Dhabi, UAE	207	179	9.6	90.0	11.4	0.4	2.4	486.5	436.7	444.7	307.8	455.6
Dubai, UAE	267	245	9.1	89.7	3.8	1.1	3.0	529.2	512.3	487.9	464.2	497.9
Florida, US	110	77	6.2	93.8	24.8	0.0	0.5	457.2	504.6	469.7	.	445.0

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	791	42.8	57.2	8.6	0.0	0.9	504.3	509.7	478.0	.	518.9
Bahrain	201	199	20.9	78.2	1.0	0.9	1.0	466.4	449.8	452.8	409.3	556.6
Botswana	169	150	8.7	88.9	5.5	2.4	4.3	398.4	391.8	383.2	354.5	387.9
Canada	409	362	47.5	52.5	9.7	0.0	1.0	521.5	538.2	497.7	.	548.2
Chile	173	151	48.9	49.3	9.4	1.8	1.1	420.1	439.7	406.3	410.2	430.8
Chinese Taipei	216	216	30.8	69.2	0.0	0.0	0.0	604.5	596.7	.	.	.
Egypt	215	209	32.5	65.8	0.9	1.7	1.0	394.1	392.7	439.8	337.0	350.7
England	215	184	13.4	85.9	13.1	0.7	0.0	515.7	518.3	525.4	408.9	.
Georgia	188	177	21.0	76.6	0.0	2.4	5.3	451.2	452.7	.	437.6	473.6
Hong Kong SAR	175	171	26.5	72.8	1.8	0.8	1.0	586.2	597.1	615.8	588.9	567.0
Hungary	278	269	5.8	94.2	3.4	0.0	0.0	507.3	514.7	518.2	.	.
Iran, Islamic Rep. of	251	246	8.1	89.8	0.0	2.1	2.9	451.1	436.8	.	395.5	410.6
Ireland	526	472	32.5	66.8	6.7	0.7	2.9	515.7	526.2	530.7	446.5	547.4
Israel	603	545	43.9	55.9	6.2	0.2	1.6	511.7	509.9	516.4	556.4	494.2
Italy	230	214	10.3	89.7	4.6	0.0	1.0	494.8	492.9	512.6	.	536.6
Japan	231	230	29.9	70.1	0.3	0.0	0.0	578.8	589.8	571.1	.	.
Jordan	260	257	3.8	92.9	0.0	3.3	0.7	383.1	385.0	.	406.1	369.8
Kazakhstan	239	235	23.4	74.4	0.4	2.2	0.5	536.3	526.1	518.8	485.4	584.1
Korea, Rep. of	317	317	13.3	86.7	0.0	0.0	0.0	611.9	604.8	.	.	.
Kuwait	191	185	22.6	76.0	1.4	1.5	3.6	399.4	392.9	401.3	332.6	361.9
Lebanon	185	176	7.3	72.6	2.3	20.1	3.3	414.6	448.4	451.2	431.5	432.3
Lithuania	269	256	23.8	76.0	4.8	0.2	1.4	510.1	510.8	524.4	521.2	511.8
Malaysia	326	296	2.9	97.1	7.0	0.0	3.9	493.6	466.6	447.9	.	449.3
Malta	224	213	46.8	51.8	4.6	1.4	0.0	500.9	487.0	478.6	545.2	.
Morocco	373	341	3.9	58.4	2.7	37.7	5.0	387.8	381.1	384.2	388.1	392.2
New Zealand	489	463	33.7	66.3	3.7	0.0	1.8	488.5	496.8	472.4	.	466.4
Norway	239	218	60.5	39.5	7.1	0.0	0.9	513.9	511.5	499.3	.	459.4
Oman	356	341	11.1	88.4	0.0	0.5	4.6	410.9	405.2	.	395.9	348.0
Qatar	250	241	14.1	84.7	0.4	1.1	2.5	465.1	431.4	546.5	412.6	463.4
Russian Federation	226	225	41.6	58.4	0.0	0.0	0.3	539.9	536.3	.	.	587.5
Saudi Arabia	149	143	12.0	85.2	1.4	2.8	1.9	346.1	368.9	419.5	360.1	418.2
Singapore	334	330	35.3	64.7	1.7	0.0	0.0	628.7	615.1	681.7	.	.
Slovenia	467	441	5.8	94.2	5.1	0.0	0.0	518.4	516.5	511.9	.	.
South Africa	334	326	17.0	80.6	0.2	2.3	1.2	401.6	366.6	319.9	354.8	383.9
Sweden	206	194	28.6	70.1	1.8	1.3	4.0	504.7	498.6	510.0	515.4	500.3
Thailand	205	202	16.9	83.1	0.0	0.0	1.1	420.9	433.4	.	.	445.6
Turkey	220	219	50.9	49.1	0.0	0.0	0.4	456.7	458.1	.	.	512.9
United Arab Emirates	746	669	11.7	87.8	7.7	0.5	2.3	481.1	462.8	457.1	414.5	494.6
United States	429	370	34.9	65.1	13.6	0.0	0.2	509.5	523.7	516.7	.	422.2
International Avg. (39)	12055	11244	24.2	73.5	3.5	2.3	1.6	483.2	481.7	486.3	430.8	465.4
Buenos Aires, Argentina	138	59	30.4	63.3	57.3	6.3	1.0	401.1	382.4	400.5	414.4	395.2
Ontario, Canada	217	188	58.3	41.7	11.9	0.0	0.3	521.6	528.2	506.0	.	559.6
Quebec, Canada	175	157	20.2	79.8	7.9	0.0	2.5	542.4	551.2	474.1	.	545.3
Norway (8)	239	215	67.6	32.4	7.9	0.0	0.4	488.9	483.5	482.8	.	475.3
Abu Dhabi, UAE	207	178	8.7	90.8	11.4	0.4	3.2	465.8	437.0	444.7	307.8	503.4
Dubai, UAE	267	246	11.5	87.4	3.8	1.1	2.9	508.6	514.6	487.9	464.2	495.0
Florida, US	110	78	22.3	77.7	24.8	0.0	0.1	473.2	509.4	469.7	.	503.5

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

Country	Sample	Valid N	1.Yes %	2.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes Mean	2.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	797	45.4	54.6	8.6	0.0	0.8	502.6	511.4	478.0	.	520.4
Bahrain	201	193	9.3	89.8	1.0	1.0	6.0	464.3	450.8	452.8	409.3	489.4
Botswana	169	143	21.9	75.6	5.5	2.6	8.9	402.9	391.3	383.2	354.5	376.0
Canada	409	359	57.0	43.0	9.7	0.0	1.3	527.6	533.7	497.7	.	546.3
Chile	173	136	13.8	84.1	9.4	2.1	11.7	428.8	432.0	406.3	410.2	419.7
Chinese Taipei	216	209	16.3	83.7	0.0	0.0	3.5	584.4	602.1	.	.	596.6
Egypt	215	207	14.9	83.4	0.9	1.7	1.4	375.6	395.4	439.8	337.0	413.8
England	215	184	35.4	63.9	13.1	0.7	0.0	514.8	519.6	525.4	408.9	.
Georgia	188	175	16.1	81.4	0.0	2.4	5.7	456.4	452.2	.	437.6	463.8
Hong Kong SAR	175	168	37.9	61.4	1.8	0.8	3.4	591.0	597.5	615.8	588.9	564.1
Hungary	278	269	42.9	57.1	3.4	0.0	0.0	511.0	516.7	518.2	.	.
Iran, Islamic Rep. of	251	246	11.4	86.4	0.0	2.1	2.9	428.2	439.3	.	395.5	410.6
Ireland	526	453	49.0	50.2	6.7	0.8	7.1	522.1	525.7	530.7	446.5	518.3
Israel	603	539	39.7	60.1	6.2	0.2	2.2	509.2	512.2	516.4	556.4	485.8
Italy	230	0	.	.	.	.	.	.	.	.	.	.
Japan	231	229	14.2	85.8	0.3	0.0	0.8	598.9	584.0	571.1	.	639.7
Jordan	260	251	8.0	88.6	0.0	3.4	2.3	383.8	385.5	.	406.1	365.3
Kazakhstan	239	231	7.3	90.4	0.4	2.3	2.9	550.6	525.3	518.8	485.4	581.0
Korea, Rep. of	317	317	11.7	88.3	0.0	0.0	0.0	602.4	606.2	.	.	.
Kuwait	191	177	15.1	83.3	1.4	1.5	7.0	397.5	394.9	401.3	332.6	366.0
Lebanon	185	171	17.7	62.0	2.3	20.3	4.4	450.7	443.3	451.2	431.5	442.9
Lithuania	269	252	14.7	85.1	4.8	0.2	2.1	511.4	510.5	524.4	521.2	511.7
Malaysia	326	291	30.2	69.8	7.0	0.0	4.9	470.7	464.6	447.9	.	469.9
Malta	224	213	27.0	71.7	4.6	1.4	0.0	490.6	494.7	478.6	545.2	.
Morocco	373	341	13.0	49.3	2.7	37.7	5.1	372.9	384.4	384.2	388.1	386.4
New Zealand	489	444	41.4	58.6	3.7	0.0	7.1	500.9	487.6	472.4	.	498.7
Norway	239	217	68.4	31.6	7.1	0.0	1.0	514.6	509.4	499.3	.	467.6
Oman	356	336	16.1	83.4	0.0	0.5	5.3	404.6	405.7	.	395.9	362.1
Qatar	250	238	18.4	80.5	0.4	1.1	2.9	461.1	430.0	546.5	412.6	472.8
Russian Federation	226	225	11.5	88.5	0.0	0.0	0.3	550.6	536.2	.	.	587.5
Saudi Arabia	149	141	7.3	89.9	0.6	2.9	4.0	387.9	366.5	448.5	360.1	352.2
Singapore	334	328	46.7	53.3	1.7	0.0	0.6	612.8	625.4	681.7	.	682.9
Slovenia	467	440	18.3	81.7	5.1	0.0	0.3	519.0	515.9	511.9	.	547.3
South Africa	334	326	32.3	65.4	0.2	2.3	1.9	384.1	366.8	319.9	354.8	390.4
Sweden	206	193	33.1	65.6	1.8	1.3	4.7	495.3	502.5	510.0	515.4	505.2
Thailand	205	170	20.7	79.3	0.0	0.0	15.5	432.4	433.5	.	.	421.3
Turkey	220	210	13.3	86.7	0.0	0.0	5.9	449.8	458.9	.	.	457.1
United Arab Emirates	746	657	12.7	86.8	7.7	0.5	3.9	494.0	460.2	456.8	414.5	492.0
United States	429	367	42.0	58.0	13.6	0.0	0.7	521.3	516.5	516.7	.	523.8
International Avg. (38)	12055	10843	25.1	72.6	3.5	2.4	3.6	483.6	481.3	486.4	430.8	480.3
Buenos Aires, Argentina	138	60	20.6	73.2	57.3	6.2	0.3	371.3	393.2	400.5	414.4	419.2
Ontario, Canada	217	186	79.7	20.3	11.9	0.0	1.0	526.4	515.8	506.0	.	548.9
Quebec, Canada	175	156	19.1	80.9	7.9	0.0	2.3	546.5	550.1	474.1	.	544.1
Norway (8)	239	216	65.2	34.8	7.8	0.0	0.4	486.1	489.0	482.8	.	475.3
Abu Dhabi, UAE	207	175	11.6	87.9	11.4	0.4	4.5	478.0	434.6	444.7	307.8	482.7
Dubai, UAE	267	240	16.4	82.4	4.0	1.2	5.9	536.0	509.5	483.8	464.2	509.1
Florida, US	110	79	50.6	49.4	24.8	0.0	0.0	497.7	505.0	469.7	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	798	33.3	53.6	12.2	0.8	0.0	8.4	0.0	1.1
Bahrain	201	196	51.7	43.3	5.0	0.0	0.0	1.0	0.0	1.8
Botswana	169	154	32.6	53.5	12.7	1.2	0.0	5.5	0.0	1.3
Canada	409	363	43.0	45.5	11.1	0.4	0.0	9.7	0.0	0.9
Chile	173	153	31.7	52.5	15.2	0.7	0.0	9.4	0.0	0.8
Chinese Taipei	216	216	29.4	64.4	5.6	0.6	0.0	0.0	0.0	0.0
Egypt	215	212	25.1	57.0	16.7	1.0	0.3	0.7	0.0	1.3
England	215	184	36.5	51.8	8.7	2.9	0.0	13.1	0.0	0.0
Georgia	188	188	24.1	69.9	6.0	0.0	0.0	0.0	0.0	0.0
Hong Kong SAR	175	173	27.3	62.9	8.6	0.8	0.4	1.8	0.0	0.0
Hungary	278	266	24.7	64.4	10.9	0.0	0.0	3.4	0.0	0.9
Iran, Islamic Rep. of	251	250	30.6	46.1	20.1	2.8	0.4	0.0	0.0	0.6
Ireland	526	482	51.6	40.0	7.7	0.6	0.0	6.7	0.0	0.6
Israel	603	546	39.1	52.7	8.0	0.2	0.0	6.2	0.0	1.1
Italy	230	210	10.3	54.4	33.1	2.3	0.0	5.2	0.0	2.7
Japan	231	229	2.4	55.6	39.2	2.8	0.0	0.3	0.0	0.2
Jordan	260	256	27.5	58.3	14.2	0.0	0.0	0.0	0.0	1.3
Kazakhstan	239	236	34.0	61.5	4.6	0.0	0.0	0.4	0.0	0.6
Korea, Rep. of	317	317	36.5	56.1	7.4	0.0	0.0	0.0	0.0	0.0
Kuwait	191	188	36.7	51.8	11.5	0.0	0.0	1.4	0.0	0.6
Lebanon	185	177	29.4	49.6	19.3	1.7	0.0	2.3	0.0	2.4
Lithuania	269	258	47.2	49.5	3.3	0.0	0.0	4.8	0.0	0.0
Malaysia	326	304	22.7	73.1	4.2	0.0	0.0	6.2	0.0	0.4
Malta	224	213	35.3	48.9	13.7	2.2	0.0	4.6	0.0	0.0
Morocco	373	356	16.8	47.9	26.8	8.1	0.3	2.3	0.0	2.2
New Zealand	489	455	38.4	49.8	10.6	1.0	0.2	3.7	0.0	2.4
Norway	239	219	21.6	69.5	8.9	0.0	0.0	7.1	0.0	0.0
Oman	356	353	57.1	35.7	7.0	0.2	0.0	0.0	0.0	1.3
Qatar	250	245	62.7	34.9	2.5	0.0	0.0	0.4	0.0	0.7
Russian Federation	226	225	23.2	72.5	4.2	0.0	0.0	0.0	0.0	0.6
Saudi Arabia	149	145	34.7	49.0	15.5	0.8	0.0	0.6	0.0	1.9
Singapore	334	329	18.3	67.7	13.2	0.8	0.0	1.7	0.0	0.3
Slovenia	467	441	23.0	65.2	11.8	0.0	0.0	5.1	0.0	0.0
South Africa	334	326	28.2	57.8	12.3	1.7	0.0	0.2	0.0	1.8
Sweden	206	199	22.2	61.6	15.6	0.6	0.0	1.8	0.0	0.4
Thailand	205	204	15.9	63.8	19.5	0.0	0.8	0.0	0.0	0.6
Turkey	220	220	23.0	62.0	13.8	1.1	0.0	0.0	0.0	0.0
United Arab Emirates	746	681	43.4	49.6	6.8	0.2	0.0	7.7	0.0	0.3
United States	429	371	35.4	50.7	11.9	2.0	0.0	13.6	0.0	0.0
International Avg. (39)	12055	11338	31.4	55.2	12.3	1.0	0.1	3.5	0.0	0.8
Buenos Aires, Argentina	138	61	31.1	50.3	18.7	0.0	0.0	57.3	0.0	0.0
Ontario, Canada	217	185	39.4	48.2	12.0	0.4	0.0	11.9	0.0	1.5
Quebec, Canada	175	161	49.1	41.4	9.1	0.4	0.0	7.9	0.0	0.0
Norway (8)	239	215	27.5	64.4	8.1	0.0	0.0	7.9	0.0	0.4
Abu Dhabi, UAE	207	182	35.7	57.5	6.7	0.0	0.0	11.4	0.0	0.1
Dubai, UAE	267	253	41.8	52.0	5.6	0.6	0.0	3.8	0.0	0.0
Florida, US	110	78	42.6	41.2	12.9	3.3	0.0	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	519.2	502.3	501.9	483.5	567.2	477.1	.	491.7
Bahrain	201	196	454.8	454.3	457.8	.	.	452.8	.	410.1
Botswana	169	154	401.9	386.2	384.4	349.0	.	383.2	.	437.2
Canada	409	363	530.2	529.9	532.5	539.1	.	497.7	.	540.7
Chile	173	153	451.8	419.9	417.7	414.3	.	406.3	.	425.3
Chinese Taipei	216	216	612.6	593.2	601.4	554.6	.	.	.	.
Egypt	215	212	398.7	393.3	374.6	366.0	436.8	428.8	.	435.3
England	215	184	523.4	517.4	499.6	488.8	.	525.4	.	.
Georgia	188	188	465.9	449.4	446.6	.	.	.	.	.
Hong Kong SAR	175	173	593.1	597.9	579.2	460.5	585.2	615.8	.	.
Hungary	278	266	526.3	513.1	497.5	.	.	518.2	.	470.2
Iran, Islamic Rep. of	251	250	446.4	443.3	408.2	427.8	443.2	.	.	371.9
Ireland	526	482	530.3	515.3	514.1	546.1	.	530.7	.	494.2
Israel	603	546	522.5	504.0	493.0	401.1	395.3	516.4	.	550.6
Italy	230	210	512.5	499.5	482.2	476.7	.	493.9	.	488.8
Japan	231	229	592.9	591.1	579.9	583.8	.	571.1	.	553.0
Jordan	260	256	395.9	382.5	376.4	.	.	.	.	404.6
Kazakhstan	239	236	533.6	526.8	495.6	.	.	518.8	.	554.2
Korea, Rep. of	317	317	608.2	607.3	582.1	.	.	.	.	.
Kuwait	191	188	412.3	379.7	381.5	.	.	401.3	.	467.8
Lebanon	185	177	454.9	438.9	426.0	502.5	.	451.2	.	440.8
Lithuania	269	258	519.4	505.1	469.9	.	.	524.4	.	.
Malaysia	326	304	479.0	461.6	474.3	.	.	455.7	.	434.0
Malta	224	213	487.1	495.4	506.2	510.3	.	478.6	.	.
Morocco	373	356	390.4	379.4	387.1	384.4	396.9	384.9	.	409.9
New Zealand	489	455	502.4	488.6	485.5	462.3	471.7	472.4	.	502.5
Norway	239	219	519.3	512.3	496.9	.	.	499.3	.	.
Oman	356	353	405.4	398.2	402.4	432.0	.	.	.	439.6
Qatar	250	245	432.4	445.5	429.0	.	.	546.5	.	397.9
Russian Federation	226	225	540.6	538.6	504.5	.	.	.	.	597.7
Saudi Arabia	149	145	375.5	363.9	359.8	338.0	.	448.5	.	375.3
Singapore	334	329	633.6	617.1	615.6	585.4	.	681.7	.	688.0
Slovenia	467	441	511.6	517.1	523.5	.	.	511.9	.	.
South Africa	334	326	398.1	369.1	339.2	343.6	.	319.9	.	334.9
Sweden	206	199	508.4	500.3	491.6	509.9	.	510.0	.	433.1
Thailand	205	204	429.3	435.7	414.5	.	499.8	.	.	487.2
Turkey	220	220	468.3	455.3	454.6	406.9	.	.	.	.
United Arab Emirates	746	681	466.6	465.9	453.6	504.0	.	457.1	.	456.8
United States	429	371	525.2	514.0	515.7	533.0	.	516.7	.	.
International Avg. (39)	12055	11338	489.2	479.7	470.7	464.1	474.5	486.5	.	467.6
Buenos Aires, Argentina	138	61	386.5	390.2	396.3	.	.	400.5	.	.
Ontario, Canada	217	185	525.7	523.9	520.2	539.2	.	506.0	.	540.7
Quebec, Canada	175	161	542.8	554.3	562.3	538.9	.	474.1	.	.
Norway (8)	239	215	486.5	489.1	474.3	.	.	482.8	.	467.0
Abu Dhabi, UAE	207	182	427.2	454.6	403.5	.	.	444.7	.	403.1
Dubai, UAE	267	253	524.9	503.6	508.7	504.0	.	487.9	.	.
Florida, US	110	78	513.5	497.4	507.4	425.8	.	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	797	21.2	53.9	23.8	0.7	0.4	8.4	0.0	1.6
Bahrain	201	195	38.8	50.6	9.6	0.9	0.0	1.1	0.0	1.8
Botswana	169	154	19.6	57.3	20.6	1.3	1.2	5.5	0.0	1.3
Canada	409	363	28.0	56.0	15.2	0.7	0.0	9.7	0.0	0.9
Chile	173	153	11.8	53.0	33.7	1.5	0.0	9.4	0.0	1.0
Chinese Taipei	216	216	41.3	53.6	5.1	0.0	0.0	0.0	0.0	0.0
Egypt	215	213	24.2	54.3	20.0	1.3	0.3	0.7	0.0	0.5
England	215	184	28.8	54.8	15.6	0.8	0.0	13.1	0.0	0.0
Georgia	188	185	11.8	70.7	17.5	0.0	0.0	0.0	0.0	1.8
Hong Kong SAR	175	173	9.2	66.1	22.8	1.5	0.4	1.8	0.0	0.0
Hungary	278	267	5.4	61.9	30.5	1.9	0.4	3.4	0.0	0.6
Iran, Islamic Rep. of	251	250	16.9	49.7	30.8	2.0	0.6	0.0	0.0	0.6
Ireland	526	481	41.4	47.7	10.7	0.2	0.0	6.7	0.0	0.5
Israel	603	545	21.7	57.9	19.8	0.7	0.0	6.2	0.0	0.8
Italy	230	211	4.6	48.7	45.4	1.4	0.0	5.2	0.0	2.0
Japan	231	229	4.1	57.3	32.8	5.8	0.0	0.3	0.0	0.2
Jordan	260	257	14.5	63.8	20.8	1.0	0.0	0.0	0.0	0.9
Kazakhstan	239	237	19.3	74.7	5.9	0.0	0.0	0.4	0.0	0.4
Korea, Rep. of	317	317	34.6	54.2	11.2	0.0	0.0	0.0	0.0	0.0
Kuwait	191	187	25.5	56.1	18.4	0.0	0.0	1.4	0.0	1.1
Lebanon	185	176	25.0	51.8	22.6	0.6	0.0	2.3	0.0	3.0
Lithuania	269	257	14.1	71.1	14.7	0.1	0.0	4.8	0.0	0.1
Malaysia	326	300	13.7	75.4	10.8	0.0	0.0	6.2	0.0	1.5
Malta	224	213	24.4	55.3	18.0	2.1	0.3	4.6	0.0	0.0
Morocco	373	355	10.6	45.1	37.3	6.6	0.3	2.3	0.0	2.0
New Zealand	489	454	26.4	61.6	11.5	0.4	0.0	3.7	0.0	2.4
Norway	239	218	8.8	66.2	24.9	0.0	0.0	7.2	0.0	0.0
Oman	356	353	45.8	43.4	10.9	0.0	0.0	0.0	0.0	1.3
Qatar	250	245	51.7	43.0	5.3	0.0	0.0	0.4	0.0	0.9
Russian Federation	226	225	6.5	60.3	33.2	0.0	0.0	0.0	0.0	0.6
Saudi Arabia	149	144	28.0	56.4	13.8	1.8	0.0	0.6	0.0	2.9
Singapore	334	329	10.1	64.7	24.3	0.9	0.0	1.7	0.0	0.3
Slovenia	467	441	16.6	64.9	18.5	0.0	0.0	5.1	0.0	0.0
South Africa	334	325	20.6	54.0	22.3	3.1	0.0	0.2	0.0	1.8
Sweden	206	199	14.1	56.5	27.6	1.8	0.0	1.8	0.0	0.4
Thailand	205	204	11.5	51.0	36.7	0.8	0.0	0.0	0.0	0.6
Turkey	220	220	13.2	50.1	33.3	3.4	0.0	0.0	0.0	0.0
United Arab Emirates	746	678	32.2	59.2	8.5	0.1	0.0	7.7	0.0	0.4
United States	429	370	20.4	52.6	25.2	1.9	0.0	13.6	0.0	0.2
International Avg. (39)	12055	11320	20.9	57.0	20.8	1.2	0.1	3.5	0.0	0.9
Buenos Aires, Argentina	138	60	12.9	32.7	53.9	0.4	0.0	57.3	0.0	0.1
Ontario, Canada	217	185	23.1	58.3	17.7	0.9	0.0	11.9	0.0	1.5
Quebec, Canada	175	161	37.2	52.7	9.3	0.7	0.0	7.9	0.0	0.0
Norway (8)	239	215	12.3	72.0	15.8	0.0	0.0	7.9	0.0	0.4
Abu Dhabi, UAE	207	181	24.1	67.0	8.9	0.0	0.0	11.4	0.0	0.2
Dubai, UAE	267	251	31.9	60.0	7.8	0.3	0.0	3.8	0.0	0.3
Florida, US	110	78	23.6	52.8	21.6	1.9	0.0	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	797	526.1	508.6	490.0	471.4	511.8	477.1	.	500.2
Bahrain	201	195	456.5	453.4	454.1	468.5	.	450.8	.	409.5
Botswana	169	154	408.0	389.4	380.4	382.9	349.0	383.2	.	437.2
Canada	409	363	534.8	531.8	517.8	512.6	.	497.7	.	540.7
Chile	173	153	461.3	435.9	408.0	439.3	.	406.3	.	433.8
Chinese Taipei	216	216	605.2	597.2	570.0	.	.	.	.	.
Egypt	215	213	406.3	394.8	369.4	319.5	436.8	428.8	.	448.1
England	215	184	531.4	517.3	492.9	475.3	.	525.4	.	.
Georgia	188	185	473.6	452.3	450.8	.	.	.	.	380.2
Hong Kong SAR	175	173	616.2	597.9	577.9	521.0	585.2	615.8	.	.
Hungary	278	267	546.0	524.2	492.6	474.7	485.5	518.2	.	451.7
Iran, Islamic Rep. of	251	250	460.7	439.5	422.8	391.1	396.6	.	.	371.9
Ireland	526	481	531.2	524.6	489.9	386.7	.	530.7	.	456.1
Israel	603	545	530.9	508.1	496.4	449.2	.	516.4	.	528.6
Italy	230	211	498.9	501.8	486.7	482.2	.	493.9	.	487.9
Japan	231	229	601.8	593.3	572.5	588.5	.	571.1	.	553.0
Jordan	260	257	411.8	383.7	374.9	332.8	.	.	.	399.1
Kazakhstan	239	237	537.5	526.4	514.1	.	.	518.8	.	542.9
Korea, Rep. of	317	317	612.3	603.2	598.0	.	.	.	.	.
Kuwait	191	187	410.4	390.2	371.9	.	.	401.3	.	423.2
Lebanon	185	176	466.3	437.3	425.5	483.1	.	451.2	.	443.6
Lithuania	269	257	526.8	512.6	486.2	452.2	.	524.4	.	498.8
Malaysia	326	300	478.9	464.3	460.9	.	.	455.7	.	467.1
Malta	224	213	503.9	497.3	477.1	457.3	414.5	478.6	.	.
Morocco	373	355	400.5	380.8	385.1	368.7	401.0	384.9	.	413.4
New Zealand	489	454	502.0	492.3	479.0	472.7	.	472.4	.	502.9
Norway	239	218	519.0	514.5	504.6	.	.	499.8	.	.
Oman	356	353	411.4	395.9	392.9	.	.	.	.	439.6
Qatar	250	245	436.7	435.2	449.6	.	.	546.5	.	424.9
Russian Federation	226	225	554.5	540.2	529.8	.	.	.	.	597.7
Saudi Arabia	149	144	379.8	361.5	360.6	395.9	.	448.5	.	371.4
Singapore	334	329	629.3	625.1	600.4	642.5	.	681.7	.	688.0
Slovenia	467	441	510.3	517.0	520.7	.	.	511.9	.	.
South Africa	334	325	406.7	371.4	352.9	330.7	.	319.9	.	326.7
Sweden	206	199	509.5	501.1	494.7	516.7	.	510.0	.	433.1
Thailand	205	204	448.1	431.1	424.2	499.8	.	.	.	487.2
Turkey	220	220	484.9	456.8	454.3	395.7	.	.	.	.
United Arab Emirates	746	678	463.0	470.9	436.1	517.9	.	457.1	.	450.3
United States	429	370	529.8	519.9	509.7	489.7	.	516.7	.	420.5
International Avg. (39)	12055	11320	495.4	482.0	468.6	454.2	447.5	486.5	.	462.2
Buenos Aires, Argentina	138	60	429.3	379.4	387.7	356.1	.	400.5	.	387.5
Ontario, Canada	217	185	525.9	527.8	511.2	505.4	.	506.0	.	540.7
Quebec, Canada	175	161	550.5	549.5	545.2	529.2	.	474.1	.	.
Norway (8)	239	215	497.6	487.0	479.9	.	.	482.8	.	467.0
Abu Dhabi, UAE	207	181	433.2	450.7	393.1	.	.	444.7	.	414.3
Dubai, UAE	267	251	524.4	510.1	489.2	517.9	.	487.9	.	427.8
Florida, US	110	78	518.9	505.4	487.8	421.4	.	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	798	25.5	51.8	19.0	3.4	0.3	8.4	0.0	0.8
Bahrain	201	196	16.4	41.5	37.9	4.1	0.0	1.0	0.0	2.5
Botswana	169	152	32.5	41.1	24.3	2.1	0.0	5.5	0.0	2.6
Canada	409	363	40.5	44.2	13.4	1.9	0.0	9.7	0.0	0.9
Chile	173	155	25.7	43.8	26.7	3.8	0.0	9.4	0.0	0.0
Chinese Taipei	216	216	15.6	61.3	21.6	1.5	0.0	0.0	0.0	0.0
Egypt	215	210	9.5	37.8	49.1	3.2	0.4	0.7	0.0	1.8
England	215	184	40.2	48.1	11.7	0.0	0.0	13.1	0.0	0.0
Georgia	188	186	6.5	51.7	41.1	0.8	0.0	0.0	0.0	1.2
Hong Kong SAR	175	172	9.4	54.4	32.4	3.8	0.0	1.8	0.0	0.1
Hungary	278	267	6.7	64.2	27.5	1.5	0.0	3.4	0.0	0.6
Iran, Islamic Rep. of	251	248	21.9	42.5	29.7	4.8	1.1	0.0	0.0	1.0
Ireland	526	478	38.8	44.9	15.3	1.0	0.0	6.7	0.0	0.9
Israel	603	545	18.1	50.5	30.2	1.1	0.0	6.2	0.0	0.8
Italy	230	208	6.5	42.6	43.6	6.4	0.8	5.2	0.0	3.2
Japan	231	228	3.5	58.7	31.9	5.2	0.7	0.3	0.0	0.9
Jordan	260	257	12.9	36.2	43.1	6.3	1.4	0.0	0.0	1.1
Kazakhstan	239	237	12.6	72.1	15.3	0.0	0.0	0.4	0.0	0.6
Korea, Rep. of	317	317	28.3	53.6	15.0	2.7	0.3	0.0	0.0	0.0
Kuwait	191	187	12.1	47.6	37.7	2.6	0.0	1.4	0.0	1.2
Lebanon	185	173	11.8	51.0	35.5	1.7	0.2	2.3	0.0	4.3
Lithuania	269	257	14.5	59.5	25.7	0.3	0.0	4.8	0.0	0.1
Malaysia	326	303	52.7	45.2	2.1	0.0	0.0	6.2	0.0	0.6
Malta	224	213	22.7	53.4	20.9	2.7	0.3	4.6	0.0	0.0
Morocco	373	353	5.1	23.8	54.5	15.1	1.5	2.3	0.0	2.4
New Zealand	489	455	38.8	50.8	9.5	0.9	0.0	3.7	0.0	2.4
Norway	239	219	9.2	71.1	19.7	0.0	0.0	7.1	0.0	0.0
Oman	356	343	16.5	47.0	32.5	3.0	1.1	0.0	0.0	3.9
Qatar	250	246	33.7	49.3	16.9	0.1	0.0	0.4	0.0	0.4
Russian Federation	226	223	1.2	37.1	60.8	0.5	0.3	0.0	0.0	1.2
Saudi Arabia	149	144	11.6	35.5	46.3	6.6	0.0	0.6	0.0	2.7
Singapore	334	329	18.7	61.0	19.2	1.1	0.0	1.7	0.0	0.3
Slovenia	467	441	7.9	58.6	32.6	1.0	0.0	5.1	0.0	0.0
South Africa	334	329	35.7	50.7	11.8	1.8	0.0	0.2	0.0	0.9
Sweden	206	199	17.6	55.7	25.3	1.4	0.0	1.8	0.0	0.4
Thailand	205	204	19.7	60.9	16.7	2.7	0.0	0.0	0.0	0.6
Turkey	220	219	12.6	45.7	29.7	10.1	1.9	0.0	0.0	0.6
United Arab Emirates	746	676	24.4	53.0	21.4	1.2	0.0	7.7	0.0	0.8
United States	429	371	32.8	45.6	19.6	2.0	0.0	13.6	0.0	0.0
International Avg. (39)	12055	11301	19.8	49.8	27.4	2.8	0.3	3.5	0.0	1.1
Buenos Aires, Argentina	138	61	16.8	53.8	27.7	1.6	0.0	57.3	0.0	0.0
Ontario, Canada	217	185	34.7	48.5	15.1	1.7	0.0	11.9	0.0	1.5
Quebec, Canada	175	161	57.7	34.3	5.9	2.2	0.0	7.9	0.0	0.0
Norway (8)	239	215	11.6	66.9	21.2	0.3	0.0	7.9	0.0	0.4
Abu Dhabi, UAE	207	180	10.0	53.5	33.7	2.8	0.0	11.4	0.0	0.5
Dubai, UAE	267	251	40.7	47.8	10.7	0.8	0.0	3.8	0.0	0.5
Florida, US	110	78	40.2	33.5	21.6	2.8	1.9	24.8	0.0	1.9

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

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	518.7	511.9	486.3	485.5	480.8	477.1	.	473.7
Bahrain	201	196	465.4	461.7	444.7	442.0	.	452.8	.	412.6
Botswana	169	152	397.9	391.2	382.1	360.3	.	383.2	.	417.9
Canada	409	363	537.4	528.1	520.5	502.6	.	497.7	.	540.7
Chile	173	155	451.3	436.2	403.6	390.2	.	406.3	.	.
Chinese Taipei	216	216	614.0	604.4	573.3	598.2	.	.	.	.
Egypt	215	210	399.8	402.7	384.9	343.3	308.6	428.8	.	424.0
England	215	184	527.7	518.1	477.0	.	.	525.4	.	.
Georgia	188	186	452.1	464.3	440.2	382.7	.	.	.	469.9
Hong Kong SAR	175	172	619.7	609.5	565.8	550.3	.	615.8	.	443.0
Hungary	278	267	574.2	521.8	488.6	421.8	.	518.2	.	451.7
Iran, Islamic Rep. of	251	248	456.8	451.6	406.6	406.5	411.7	.	.	393.9
Ireland	526	478	539.8	523.2	485.8	501.6	.	530.7	.	455.0
Israel	603	545	529.1	526.2	475.7	426.1	.	516.4	.	533.8
Italy	230	208	504.9	494.8	497.7	459.5	474.9	493.9	.	497.5
Japan	231	228	580.2	597.0	574.0	558.6	550.5	571.1	.	558.6
Jordan	260	257	382.5	390.2	387.2	365.5	324.5	.	.	394.4
Kazakhstan	239	237	552.8	525.6	519.9	.	.	518.8	.	475.3
Korea, Rep. of	317	317	613.6	603.4	604.4	577.3	609.3	.	.	.
Kuwait	191	187	436.1	391.3	377.4	390.5	.	401.3	.	462.4
Lebanon	185	173	461.1	445.0	431.1	461.1	390.2	451.2	.	442.8
Lithuania	269	257	532.0	512.4	495.3	460.4	.	524.4	.	498.8
Malaysia	326	303	474.8	455.8	473.7	.	.	455.7	.	429.2
Malta	224	213	506.2	501.6	473.2	420.3	414.5	478.6	.	.
Morocco	373	353	391.0	392.1	381.8	381.8	368.0	384.9	.	380.0
New Zealand	489	455	497.7	493.5	474.3	490.5	.	472.4	.	502.5
Norway	239	219	534.3	513.1	499.9	.	.	499.3	.	.
Oman	356	343	420.3	405.6	392.5	377.2	339.2	.	.	426.3
Qatar	250	246	471.6	424.0	405.6	446.7	.	546.5	.	367.4
Russian Federation	226	223	540.8	551.6	528.9	555.2	507.8	.	.	575.8
Saudi Arabia	149	144	354.5	375.4	364.8	360.9	.	448.5	.	373.7
Singapore	334	329	644.4	620.9	593.7	585.1	.	681.7	.	688.0
Slovenia	467	441	513.6	517.8	514.9	522.8	.	511.9	.	.
South Africa	334	329	379.9	374.7	350.2	323.7	.	319.9	.	341.4
Sweden	206	199	518.6	499.1	492.4	500.0	.	510.0	.	433.1
Thailand	205	204	431.2	435.6	414.6	430.4	.	.	.	487.2
Turkey	220	219	497.9	460.8	454.1	408.5	420.3	.	.	487.3
United Arab Emirates	746	676	507.3	466.7	418.6	401.4	.	457.1	.	450.8
United States	429	371	528.8	515.7	505.9	538.5	.	516.7	.	.
International Avg. (39)	12055	11301	496.4	485.0	465.7	452.2	430.8	486.5	.	460.9
Buenos Aires, Argentina	138	61	374.7	396.9	389.8	335.9	.	400.5	.	.
Ontario, Canada	217	185	529.7	523.1	519.0	488.8	.	506.0	.	540.7
Quebec, Canada	175	161	548.8	553.2	540.7	523.1	.	474.1	.	.
Norway (8)	239	215	508.9	486.1	478.7	482.4	.	482.8	.	467.0
Abu Dhabi, UAE	207	180	499.9	455.0	405.2	406.8	.	444.7	.	424.0
Dubai, UAE	267	251	538.6	504.4	464.5	379.3	.	487.9	.	475.1
Florida, US	110	78	513.7	491.4	510.0	497.6	421.4	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Teachers working together to improve student achievement
Location: TQG-06d (BTBG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	793	30.8	47.8	18.6	2.7	0.1	8.4	0.0	1.1
Bahrain	201	197	46.0	43.6	9.7	0.6	0.0	1.0	0.0	1.7
Botswana	169	154	29.1	44.0	23.5	3.4	0.0	5.5	0.0	1.3
Canada	409	363	40.2	38.1	17.9	3.6	0.2	9.7	0.0	0.9
Chile	173	155	15.1	37.2	35.2	12.0	0.5	9.4	0.0	0.0
Chinese Taipei	216	215	11.5	50.4	30.3	7.1	0.6	0.0	0.0	0.3
Egypt	215	212	26.0	50.1	17.8	5.2	1.0	0.7	0.0	1.0
England	215	184	33.5	47.0	15.5	2.5	1.5	13.1	0.0	0.0
Georgia	188	186	10.6	58.1	30.8	0.6	0.0	0.0	0.0	0.7
Hong Kong SAR	175	173	11.3	59.0	25.0	4.2	0.4	1.8	0.0	0.0
Hungary	278	267	15.5	59.6	22.4	2.5	0.0	3.4	0.0	0.6
Iran, Islamic Rep. of	251	249	34.0	38.7	19.7	7.3	0.4	0.0	0.0	0.8
Ireland	526	479	32.6	44.0	18.2	5.1	0.2	6.7	0.0	0.9
Israel	603	545	42.8	43.6	12.1	1.4	0.1	6.2	0.0	0.9
Italy	230	212	9.7	46.9	38.8	4.2	0.4	5.2	0.0	1.4
Japan	231	229	9.6	65.4	21.8	3.0	0.2	0.3	0.0	0.2
Jordan	260	257	22.9	53.9	21.2	2.0	0.0	0.0	0.0	1.0
Kazakhstan	239	238	16.4	66.7	17.0	0.0	0.0	0.4	0.0	0.0
Korea, Rep. of	317	317	37.5	47.7	14.6	0.2	0.0	0.0	0.0	0.0
Kuwait	191	188	43.9	41.4	14.0	0.7	0.0	1.4	0.0	0.6
Lebanon	185	179	26.3	40.5	27.8	4.1	1.3	2.3	0.0	1.4
Lithuania	269	257	23.0	60.9	16.0	0.0	0.1	4.8	0.0	0.1
Malaysia	326	304	50.6	47.5	1.9	0.0	0.0	6.2	0.0	0.4
Malta	224	213	21.1	42.1	32.8	2.6	1.4	4.6	0.0	0.0
Morocco	373	358	9.8	30.4	37.1	16.9	5.7	2.3	0.0	0.9
New Zealand	489	454	35.0	46.2	16.2	2.3	0.3	3.7	0.0	2.8
Norway	239	217	8.4	51.1	38.2	2.4	0.0	7.3	0.0	0.0
Oman	356	349	39.0	38.6	21.5	0.9	0.0	0.0	0.0	2.2
Qatar	250	246	63.7	30.2	5.4	0.6	0.1	0.4	0.0	0.4
Russian Federation	226	225	6.7	59.9	32.3	1.1	0.0	0.0	0.0	0.6
Saudi Arabia	149	144	40.4	36.9	17.6	5.0	0.0	0.6	0.0	2.7
Singapore	334	329	16.8	61.5	21.4	0.3	0.0	1.7	0.0	0.3
Slovenia	467	441	17.0	57.9	22.2	2.1	0.8	5.1	0.0	0.0
South Africa	334	327	36.0	48.8	10.9	4.3	0.0	0.2	0.0	1.7
Sweden	206	199	16.5	42.3	37.4	3.2	0.6	1.8	0.0	0.4
Thailand	205	203	18.8	58.9	19.8	1.6	0.8	0.0	0.0	0.9
Turkey	220	220	23.3	53.5	18.5	4.7	0.0	0.0	0.0	0.0
United Arab Emirates	746	680	43.3	42.6	13.2	0.9	0.0	7.7	0.0	0.4
United States	429	371	27.4	46.6	21.1	3.8	1.0	13.6	0.0	0.0
International Avg. (39)	12055	11329	26.7	48.2	21.4	3.2	0.5	3.5	0.0	0.7
Buenos Aires, Argentina	138	61	30.5	44.9	20.9	3.7	0.0	57.3	0.0	0.0
Ontario, Canada	217	185	30.3	40.9	25.3	3.5	0.0	11.9	0.0	1.5
Quebec, Canada	175	161	63.0	26.8	8.4	1.2	0.5	7.9	0.0	0.0
Norway (8)	239	215	10.7	50.5	33.8	4.3	0.7	7.9	0.0	0.4
Abu Dhabi, UAE	207	182	30.1	49.1	19.3	1.5	0.0	11.4	0.0	0.1
Dubai, UAE	267	252	51.2	37.9	10.6	0.1	0.1	3.8	0.0	0.3
Florida, US	110	78	32.4	40.4	23.1	4.1	0.0	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Teachers working together to improve student achievement
Location: TQG-06d (BTBG06D)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	793	513.0	510.4	491.8	509.3	481.2	477.0	.	491.9
Bahrain	201	197	452.1	456.9	455.9	486.9	.	452.8	.	408.0
Botswana	169	154	398.2	387.5	389.3	376.4	.	383.2	.	437.2
Canada	409	363	536.2	523.3	529.5	544.3	526.3	497.7	.	540.7
Chile	173	155	440.5	430.0	426.5	424.6	409.1	406.3	.	.
Chinese Taipei	216	215	601.4	606.1	585.8	601.7	610.1	.	.	583.1
Egypt	215	212	407.8	390.2	383.6	364.7	347.6	428.8	.	400.8
England	215	184	530.4	511.2	511.1	497.0	506.5	525.4	.	.
Georgia	188	186	455.7	455.7	447.9	455.9	.	.	.	434.1
Hong Kong SAR	175	173	618.6	596.4	586.1	538.8	585.2	615.8	.	.
Hungary	278	267	515.4	514.9	509.0	552.9	.	518.2	.	451.7
Iran, Islamic Rep. of	251	249	445.2	440.7	417.7	422.0	443.2	.	.	431.3
Ireland	526	479	525.7	519.8	528.8	529.6	386.7	530.7	.	451.7
Israel	603	545	512.5	511.4	500.3	494.9	482.5	516.4	.	536.9
Italy	230	212	498.4	498.6	488.9	494.2	513.2	493.9	.	478.1
Japan	231	229	588.3	589.0	574.5	617.8	553.0	571.1	.	553.0
Jordan	260	257	388.7	389.4	371.4	384.6	.	.	.	404.7
Kazakhstan	239	238	544.5	523.4	529.3	.	.	518.8	.	.
Korea, Rep. of	317	317	612.0	602.3	599.8	666.8	.	.	.	.
Kuwait	191	188	400.5	388.2	377.9	343.6	.	401.3	.	467.8
Lebanon	185	179	440.2	453.3	426.3	431.9	498.4	451.2	.	454.5
Lithuania	269	257	521.2	511.2	493.7	.	452.2	524.4	.	498.8
Malaysia	326	304	462.5	470.5	450.9	.	.	455.7	.	434.0
Malta	224	213	508.2	485.1	498.3	470.8	509.0	478.6	.	.
Morocco	373	358	401.4	386.3	377.8	386.0	379.7	384.9	.	406.0
New Zealand	489	454	485.9	500.2	495.1	450.5	512.0	472.4	.	500.4
Norway	239	217	510.4	514.4	510.9	502.1	.	499.7	.	.
Oman	356	349	415.0	400.1	387.8	382.6	.	.	.	405.0
Qatar	250	246	433.4	439.1	461.8	472.4	446.7	546.5	.	367.4
Russian Federation	226	225	557.8	540.7	529.2	501.2	.	.	.	597.7
Saudi Arabia	149	144	367.5	374.7	359.0	345.0	.	448.5	.	357.1
Singapore	334	329	623.9	621.4	611.4	623.5	.	681.7	.	688.0
Slovenia	467	441	510.3	517.6	518.6	510.3	537.3	511.9	.	.
South Africa	334	327	385.1	370.5	353.5	342.8	.	319.9	.	357.9
Sweden	206	199	499.7	506.9	493.9	505.4	509.9	510.0	.	433.1
Thailand	205	203	444.1	431.0	419.8	378.9	499.8	.	.	477.0
Turkey	220	220	465.4	456.8	449.8	458.8	.	.	.	.
United Arab Emirates	746	680	474.5	455.4	467.6	478.2	533.6	457.1	.	445.4
United States	429	371	523.4	517.2	517.5	491.2	572.1	516.7	.	.
International Avg. (39)	12055	11329	487.6	482.0	475.1	473.3	491.1	486.6	.	465.3
Buenos Aires, Argentina	138	61	383.6	388.1	406.1	380.6	.	400.5	.	.
Ontario, Canada	217	185	527.9	518.3	525.5	552.2	.	506.0	.	540.7
Quebec, Canada	175	161	546.6	555.3	549.7	563.0	526.3	474.1	.	.
Norway (8)	239	215	490.3	486.1	488.7	483.1	471.4	482.8	.	467.0
Abu Dhabi, UAE	207	182	446.8	432.2	454.3	462.8	.	444.7	.	403.1
Dubai, UAE	267	252	521.1	509.2	489.4	390.7	533.6	487.9	.	405.8
Florida, US	110	78	505.5	505.9	502.5	462.6	.	469.7	.	427.8

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
Location: TQG-06e (BTBG06E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	791	14.4	55.3	28.4	1.6	0.3	8.4	0.0	1.7
Bahrain	201	196	22.3	57.1	18.9	1.8	0.0	1.0	0.0	2.8
Botswana	169	154	26.5	48.5	22.1	2.9	0.0	5.5	0.0	1.2
Canada	409	363	26.3	53.0	18.3	2.4	0.0	9.7	0.0	0.9
Chile	173	155	15.3	50.2	31.8	1.3	1.4	9.4	0.0	0.0
Chinese Taipei	216	213	11.3	60.5	27.9	0.3	0.0	0.0	0.0	1.8
Egypt	215	213	17.4	50.7	26.4	4.9	0.5	0.7	0.0	0.5
England	215	184	15.0	60.8	21.9	2.3	0.0	13.1	0.0	0.0
Georgia	188	187	17.9	71.9	10.2	0.0	0.0	0.0	0.0	0.3
Hong Kong SAR	175	171	7.1	57.2	32.9	2.8	0.0	1.8	0.0	1.0
Hungary	278	266	1.5	36.6	57.0	4.8	0.0	3.4	0.0	0.9
Iran, Islamic Rep. of	251	247	20.8	47.8	27.8	2.9	0.8	0.0	0.0	2.3
Ireland	526	477	26.0	56.7	17.2	0.2	0.0	6.7	0.0	1.2
Israel	603	545	17.8	56.7	23.7	1.5	0.2	6.2	0.0	0.9
Italy	230	212	7.0	55.9	35.8	1.4	0.0	5.2	0.0	1.4
Japan	231	229	4.4	60.8	33.0	1.9	0.0	0.3	0.0	0.2
Jordan	260	256	18.0	46.4	30.9	4.4	0.4	0.0	0.0	1.3
Kazakhstan	239	238	15.9	73.5	10.7	0.0	0.0	0.4	0.0	0.0
Korea, Rep. of	317	317	37.6	56.1	6.3	0.0	0.0	0.0	0.0	0.0
Kuwait	191	185	19.8	51.6	25.9	2.7	0.0	1.4	0.0	2.4
Lebanon	185	176	20.4	54.7	23.2	0.5	1.1	2.3	0.0	3.2
Lithuania	269	256	12.3	69.7	17.4	0.3	0.4	4.8	0.0	0.5
Malaysia	326	304	26.9	66.3	6.8	0.0	0.0	6.2	0.0	0.4
Malta	224	213	17.3	56.2	25.9	0.3	0.3	4.6	0.0	0.0
Morocco	373	353	6.7	42.2	42.3	7.6	1.3	2.3	0.0	2.5
New Zealand	489	454	12.9	58.8	27.7	0.6	0.0	3.7	0.0	2.6
Norway	239	219	3.1	63.7	32.8	0.4	0.0	7.1	0.0	0.0
Oman	356	350	39.4	46.7	13.9	0.0	0.0	0.0	0.0	1.7
Qatar	250	244	36.6	50.8	12.5	0.2	0.0	0.4	0.0	2.0
Russian Federation	226	223	6.0	62.5	30.3	1.2	0.0	0.0	0.0	3.1
Saudi Arabia	149	145	27.5	52.5	16.9	3.1	0.0	0.6	0.0	1.9
Singapore	334	329	8.8	58.5	31.9	0.7	0.0	1.7	0.0	0.3
Slovenia	467	441	11.9	55.2	32.5	0.4	0.0	5.1	0.0	0.0
South Africa	334	328	29.3	50.3	19.4	1.0	0.0	0.2	0.0	1.0
Sweden	206	199	5.1	61.5	31.8	1.6	0.0	1.8	0.0	0.4
Thailand	205	204	7.0	62.5	29.7	0.8	0.0	0.0	0.0	0.6
Turkey	220	219	18.3	48.2	30.6	3.0	0.0	0.0	0.0	0.3
United Arab Emirates	746	681	39.2	54.3	6.0	0.5	0.0	7.7	0.0	0.3
United States	429	370	19.7	41.3	35.3	3.7	0.0	13.6	0.0	0.4
International Avg. (39)	12055	11307	17.7	55.5	25.0	1.7	0.2	3.5	0.0	1.1
Buenos Aires, Argentina	138	61	22.6	42.8	32.0	2.5	0.0	57.3	0.0	0.0
Ontario, Canada	217	185	19.6	57.3	22.1	1.1	0.0	11.9	0.0	1.5
Quebec, Canada	175	161	44.1	41.6	12.1	2.2	0.0	7.9	0.0	0.0
Norway (8)	239	215	10.0	59.6	30.4	0.0	0.0	7.9	0.0	0.4
Abu Dhabi, UAE	207	182	26.5	64.1	8.1	1.3	0.0	11.4	0.0	0.1
Dubai, UAE	267	253	43.3	51.2	5.3	0.1	0.0	3.8	0.0	0.0
Florida, US	110	78	15.0	50.9	30.5	3.6	0.0	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
Location: TQG-06e (BTBG06E)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	791	525.5	514.5	488.4	471.9	488.1	477.0	.	483.7
Bahrain	201	196	459.1	455.5	443.6	488.7	.	452.8	.	430.5
Botswana	169	154	404.4	387.0	385.3	374.1	.	383.2	.	424.2
Canada	409	363	536.8	529.0	526.0	523.1	.	497.7	.	540.7
Chile	173	155	430.7	433.9	426.0	390.1	379.3	406.3	.	.
Chinese Taipei	216	213	610.5	607.1	577.2	590.9	.	.	.	600.3
Egypt	215	213	395.9	396.7	383.7	370.9	354.0	428.8	.	448.1
England	215	184	517.3	524.6	504.0	445.1	.	525.4	.	.
Georgia	188	187	462.3	453.2	437.1	.	.	.	.	459.9
Hong Kong SAR	175	171	613.8	600.4	585.7	513.0	.	615.8	.	578.5
Hungary	278	266	605.6	540.9	499.9	462.2	.	518.2	.	470.2
Iran, Islamic Rep. of	251	247	462.2	432.4	430.5	414.8	401.2	.	.	395.8
Ireland	526	477	532.0	527.3	498.4	528.0	.	530.7	.	476.0
Israel	603	545	508.6	514.2	504.9	486.4	486.7	516.4	.	512.8
Italy	230	212	489.3	495.4	496.0	457.8	.	493.9	.	478.1
Japan	231	229	591.4	589.7	580.2	585.3	.	571.1	.	553.0
Jordan	260	256	400.6	380.3	388.9	353.5	361.8	.	.	399.2
Kazakhstan	239	238	529.9	530.5	506.4	.	.	518.8	.	.
Korea, Rep. of	317	317	608.0	605.1	598.8	394.5	.	.	.	.
Kuwait	191	185	417.4	391.2	376.4	379.2	.	401.3	.	396.7
Lebanon	185	176	443.5	444.7	431.8	410.5	449.5	451.2	.	468.5
Lithuania	269	256	519.8	514.4	491.9	484.9	454.1	524.4	.	469.8
Malaysia	326	304	471.5	465.9	446.0	.	.	455.7	.	434.0
Malta	224	213	494.5	494.1	497.0	343.5	414.5	478.6	.	.
Morocco	373	353	384.0	385.1	382.8	379.6	389.6	384.9	.	410.7
New Zealand	489	454	489.1	498.4	484.8	469.1	.	472.4	.	502.8
Norway	239	219	519.8	512.5	512.2	477.9	.	499.3	.	.
Oman	356	350	408.8	403.5	382.1	.	.	.	.	432.5
Qatar	250	244	446.9	432.6	429.7	400.6	.	546.5	.	397.8
Russian Federation	226	223	540.4	543.7	523.9	507.8	.	.	.	566.2
Saudi Arabia	149	145	366.9	372.8	359.7	312.5	.	448.5	.	375.3
Singapore	334	329	619.2	628.0	605.4	587.6	.	681.7	.	688.0
Slovenia	467	441	510.6	516.5	518.7	527.9	.	511.9	.	.
South Africa	334	328	389.0	365.8	366.6	370.1	.	319.9	.	338.7
Sweden	206	199	496.0	501.2	500.3	511.4	.	510.0	.	433.1
Thailand	205	204	435.6	430.6	429.3	499.8	.	.	.	487.2
Turkey	220	219	473.5	452.0	461.9	407.7	.	.	.	463.3
United Arab Emirates	746	681	468.1	464.1	462.8	440.8	.	457.1	.	456.8
United States	429	370	525.1	523.0	510.9	515.1	.	516.7	.	440.1
International Avg. (39)	12055	11307	489.8	483.5	472.7	453.6	417.9	486.5	.	469.1
Buenos Aires, Argentina	138	61	389.3	382.1	403.3	369.8	.	400.5	.	.
Ontario, Canada	217	185	529.4	524.1	520.2	521.5	.	506.0	.	540.7
Quebec, Canada	175	161	542.4	555.9	558.1	514.6	.	474.1	.	.
Norway (8)	239	215	488.5	488.3	484.6	.	.	482.8	.	467.0
Abu Dhabi, UAE	207	182	434.1	446.3	427.1	432.0	.	444.7	.	403.1
Dubai, UAE	267	253	519.7	508.8	494.6	533.6	.	487.9	.	.
Florida, US	110	78	495.6	521.3	480.9	468.8	.	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Parental involvement in school activities
Location: TQG-06f (BTBG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	796	5.0	24.3	37.6	27.0	6.2	8.4	0.0	1.0
Bahrain	201	195	10.1	25.9	36.4	22.2	5.4	1.0	0.0	3.4
Botswana	169	155	2.5	4.2	20.0	45.6	27.7	5.5	0.0	0.3
Canada	409	364	10.0	24.6	40.9	15.4	9.1	9.7	0.0	0.8
Chile	173	155	3.4	30.3	36.3	18.4	11.6	9.4	0.0	0.0
Chinese Taipei	216	215	6.6	24.2	47.2	16.5	5.4	0.0	0.0	0.3
Egypt	215	213	5.1	9.7	41.5	28.2	15.4	0.7	0.0	0.5
England	215	184	5.0	31.2	41.7	20.9	1.3	13.1	0.0	0.0
Georgia	188	187	3.4	16.1	59.5	18.3	2.7	0.0	0.0	0.4
Hong Kong SAR	175	173	1.0	31.5	35.7	27.8	4.0	1.8	0.0	0.0
Hungary	278	267	1.0	23.4	55.2	15.8	4.6	3.4	0.0	0.6
Iran, Islamic Rep. of	251	249	5.5	14.0	34.8	28.7	17.1	0.0	0.0	0.8
Ireland	526	481	6.5	22.5	46.4	20.8	3.7	6.7	0.0	0.5
Israel	603	543	7.4	28.5	44.6	13.9	5.5	6.3	0.0	1.4
Italy	230	211	4.3	21.7	47.4	24.3	2.3	5.2	0.0	1.5
Japan	231	228	5.5	36.5	42.2	15.3	0.6	0.3	0.0	0.7
Jordan	260	257	6.4	14.1	40.9	27.5	11.0	0.0	0.0	1.1
Kazakhstan	239	237	10.7	44.1	42.2	2.0	0.9	0.4	0.0	0.2
Korea, Rep. of	317	317	16.1	37.9	34.3	9.5	2.2	0.0	0.0	0.0
Kuwait	191	187	8.0	13.5	43.8	28.1	6.6	1.4	0.0	1.0
Lebanon	185	177	5.9	21.6	37.9	23.0	11.6	2.3	0.0	2.5
Lithuania	269	256	1.3	27.9	58.3	12.6	0.0	4.8	0.0	0.1
Malaysia	326	303	4.1	25.6	59.3	9.4	1.5	6.2	0.0	0.9
Malta	224	213	3.9	27.6	40.8	22.5	5.2	4.6	0.0	0.0
Morocco	373	359	3.3	5.6	15.3	26.8	49.0	2.3	0.0	1.0
New Zealand	489	454	4.6	26.1	47.6	19.2	2.5	3.7	0.0	2.6
Norway	239	218	1.5	24.8	61.2	11.9	0.6	7.2	0.0	0.0
Oman	356	351	5.0	18.4	42.8	23.0	10.7	0.0	0.0	1.6
Qatar	250	246	9.8	30.8	36.8	20.9	1.7	0.4	0.0	0.4
Russian Federation	226	224	0.4	24.6	61.5	12.1	1.3	0.0	0.0	1.0
Saudi Arabia	149	145	3.9	9.1	43.7	26.6	16.6	0.6	0.0	1.9
Singapore	334	328	5.4	26.6	46.5	19.1	2.4	1.7	0.0	0.6
Slovenia	467	440	1.4	15.0	57.8	22.4	3.4	5.2	0.0	0.0
South Africa	334	329	8.9	18.1	30.6	26.3	16.1	0.2	0.0	0.9
Sweden	206	198	0.0	15.8	52.0	26.1	6.2	1.8	0.0	1.0
Thailand	205	203	7.9	26.7	50.6	10.7	4.2	0.0	0.0	1.3
Turkey	220	220	1.7	13.3	33.8	29.1	22.1	0.0	0.0	0.0
United Arab Emirates	746	678	8.9	35.7	38.5	14.0	2.9	7.7	0.0	1.6
United States	429	370	11.8	19.4	37.0	23.0	8.8	13.6	0.0	0.4
International Avg. (39)	12055	11326	5.5	22.8	43.1	20.6	8.0	3.5	0.0	0.8
Buenos Aires, Argentina	138	60	0.5	7.7	47.3	24.3	20.1	57.3	0.0	0.1
Ontario, Canada	217	186	8.8	19.5	47.0	15.5	9.2	11.9	0.0	1.3
Quebec, Canada	175	161	13.6	30.5	29.9	17.4	8.7	7.9	0.0	0.0
Norway (8)	239	215	2.5	21.7	58.7	15.0	2.1	7.9	0.0	0.4
Abu Dhabi, UAE	207	181	3.1	25.3	51.5	14.1	6.0	11.4	0.0	1.3
Dubai, UAE	267	252	19.7	45.4	26.4	8.0	0.5	3.8	0.0	0.1
Florida, US	110	78	5.8	24.0	25.6	26.9	17.8	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Parental involvement in school activities
Location: TQG-06f (BTBG06F)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	796	534.1	524.1	507.7	496.8	471.3	477.0	.	479.4
Bahrain	201	195	465.2	463.6	461.5	435.9	421.3	452.8	.	436.4
Botswana	169	155	440.1	412.3	411.0	386.4	377.4	383.2	.	384.6
Canada	409	364	550.3	536.5	529.5	521.3	511.5	497.7	.	539.8
Chile	173	155	466.4	448.5	430.5	411.6	395.5	406.3	.	.
Chinese Taipei	216	215	644.1	623.1	596.7	567.1	557.2	.	.	580.1
Egypt	215	213	376.2	415.2	402.6	385.8	363.2	428.8	.	448.1
England	215	184	548.4	543.1	514.3	481.9	428.5	525.4	.	.
Georgia	188	187	427.5	464.7	456.3	438.9	453.5	.	.	400.4
Hong Kong SAR	175	173	592.8	622.2	591.3	572.5	542.5	615.8	.	.
Hungary	278	267	529.7	542.0	522.9	470.7	423.6	518.2	.	451.7
Iran, Islamic Rep. of	251	249	487.0	494.4	441.3	411.8	405.2	.	.	404.2
Ireland	526	481	537.3	535.8	530.2	498.1	477.5	530.7	.	461.0
Israel	603	543	541.2	534.3	507.9	466.3	461.8	516.9	.	573.0
Italy	230	211	506.4	495.5	497.1	491.4	449.8	493.9	.	478.1
Japan	231	228	625.3	595.8	580.6	569.6	565.8	571.1	.	538.6
Jordan	260	257	412.0	385.0	396.3	372.5	361.4	.	.	409.2
Kazakhstan	239	237	550.5	525.3	528.0	480.9	457.2	518.8	.	642.1
Korea, Rep. of	317	317	613.5	611.7	600.2	588.7	606.4	.	.	.
Kuwait	191	187	429.0	409.5	386.6	385.1	374.2	401.3	.	440.3
Lebanon	185	177	479.8	446.2	451.2	422.2	422.7	451.2	.	456.7
Lithuania	269	256	421.0	532.1	508.3	483.1	.	524.4	.	481.1
Malaysia	326	303	493.4	482.7	460.0	451.0	483.2	455.7	.	387.5
Malta	224	213	545.8	499.5	499.9	474.3	469.8	478.6	.	.
Morocco	373	359	387.0	404.3	388.9	389.1	378.0	384.9	.	382.8
New Zealand	489	454	498.2	517.5	486.6	480.5	452.5	472.4	.	504.6
Norway	239	218	512.3	523.4	509.6	505.9	485.9	499.8	.	.
Oman	356	351	425.1	421.8	405.0	393.3	369.7	.	.	436.8
Qatar	250	246	470.4	461.0	423.2	413.2	397.0	546.5	.	367.4
Russian Federation	226	224	632.4	547.2	535.0	530.8	527.4	.	.	559.1
Saudi Arabia	149	145	413.0	379.8	368.0	365.6	349.4	448.5	.	375.3
Singapore	334	328	652.8	637.4	617.7	597.9	566.2	681.7	.	637.6
Slovenia	467	440	529.0	522.7	515.0	516.3	515.4	510.2	.	.
South Africa	334	329	397.8	378.8	372.3	363.6	367.6	319.9	.	345.3
Sweden	206	198	.	519.1	504.3	486.9	483.5	510.0	.	475.1
Thailand	205	203	484.5	424.3	433.9	404.3	417.1	.	.	426.0
Turkey	220	220	515.5	492.1	480.4	445.6	413.6	.	.	.
United Arab Emirates	746	678	505.8	481.4	454.7	433.3	411.4	457.1	.	519.3
United States	429	370	563.2	544.2	513.1	497.7	483.2	516.7	.	440.1
International Avg. (39)	12055	11326	505.4	497.4	482.6	463.8	450.0	486.5	.	466.5
Buenos Aires, Argentina	138	60	489.1	457.1	392.1	375.6	375.3	400.5	.	387.5
Ontario, Canada	217	186	548.4	528.6	527.8	505.9	505.0	506.0	.	539.8
Quebec, Canada	175	161	552.5	552.0	549.3	551.2	531.0	474.1	.	.
Norway (8)	239	215	508.7	500.9	487.3	469.2	446.4	482.8	.	467.0
Abu Dhabi, UAE	207	181	458.4	450.7	443.0	414.5	416.9	444.7	.	538.9
Dubai, UAE	267	252	537.8	519.1	501.3	456.4	479.2	487.9	.	479.8
Florida, US	110	78	567.1	546.7	493.1	474.5	481.7	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	798	5.3	30.5	41.4	18.3	4.4	8.4	0.0	1.0
Bahrain	201	196	3.1	19.6	45.5	24.9	6.9	1.0	0.0	2.7
Botswana	169	155	1.9	1.3	19.3	46.1	31.5	5.5	0.0	0.3
Canada	409	364	9.8	25.5	45.5	14.8	4.4	9.7	0.0	0.8
Chile	173	155	2.3	11.8	36.1	33.7	16.1	9.4	0.0	0.0
Chinese Taipei	216	216	1.5	22.0	41.5	26.2	8.7	0.0	0.0	0.0
Egypt	215	213	1.8	21.1	39.6	27.7	9.9	0.7	0.0	0.5
England	215	184	7.6	27.2	49.0	14.3	1.9	13.1	0.0	0.0
Georgia	188	186	1.7	20.0	59.7	17.2	1.4	0.0	0.0	0.9
Hong Kong SAR	175	172	0.4	20.1	48.3	28.2	3.1	1.8	0.0	0.7
Hungary	278	266	2.2	18.0	50.5	22.5	6.8	3.4	0.0	0.8
Iran, Islamic Rep. of	251	249	2.3	13.1	34.5	30.1	20.0	0.0	0.0	0.9
Ireland	526	479	7.7	34.7	41.6	13.8	2.3	6.7	0.0	0.8
Israel	603	546	2.8	24.2	47.4	20.0	5.7	6.2	0.0	0.7
Italy	230	211	0.5	11.1	60.6	24.0	3.8	5.2	0.0	1.5
Japan	231	229	2.2	29.3	48.5	19.4	0.6	0.3	0.0	0.2
Jordan	260	257	3.6	15.9	42.1	29.4	9.0	0.0	0.0	1.0
Kazakhstan	239	237	10.2	41.7	43.9	4.2	0.0	0.4	0.0	0.2
Korea, Rep. of	317	317	11.0	28.3	44.3	13.5	3.0	0.0	0.0	0.0
Kuwait	191	187	5.9	16.9	48.3	22.4	6.5	1.4	0.0	1.4
Lebanon	185	177	2.4	22.4	39.0	27.8	8.4	2.3	0.0	2.6
Lithuania	269	257	1.4	21.7	64.0	12.9	0.1	4.8	0.0	0.1
Malaysia	326	304	4.6	37.8	49.3	7.7	0.6	6.2	0.0	0.4
Malta	224	213	3.6	32.8	44.9	15.3	3.4	4.6	0.0	0.0
Morocco	373	359	2.0	4.4	19.0	32.1	42.5	2.3	0.0	1.1
New Zealand	489	453	4.7	27.9	52.8	12.9	1.7	3.7	0.0	2.6
Norway	239	218	0.2	19.2	62.0	17.8	0.7	7.2	0.0	0.0
Oman	356	352	5.4	22.7	34.6	27.6	9.8	0.0	0.0	1.6
Qatar	250	244	13.2	29.7	38.1	18.5	0.5	0.4	0.0	1.4
Russian Federation	226	225	1.9	17.5	66.6	13.4	0.6	0.0	0.0	0.6
Saudi Arabia	149	145	2.5	16.3	38.5	33.0	9.5	0.6	0.0	1.9
Singapore	334	329	3.9	29.6	48.8	15.1	2.5	1.7	0.0	0.3
Slovenia	467	440	1.0	9.7	58.5	24.9	5.8	5.2	0.0	0.0
South Africa	334	330	4.9	13.7	35.8	29.9	15.7	0.2	0.0	0.7
Sweden	206	199	1.2	19.0	57.1	20.9	1.8	1.8	0.0	0.4
Thailand	205	203	4.3	23.5	53.6	15.5	3.0	0.0	0.0	1.3
Turkey	220	219	2.8	12.0	32.2	26.5	26.4	0.0	0.0	0.4
United Arab Emirates	746	681	9.0	34.5	42.9	11.2	2.4	7.7	0.0	0.3
United States	429	371	6.2	19.8	41.0	24.0	9.0	13.6	0.0	0.0
International Avg. (39)	12055	11336	4.1	21.7	45.3	21.5	7.4	3.5	0.0	0.8
Buenos Aires, Argentina	138	61	0.5	6.1	45.7	33.2	14.5	57.3	0.0	0.0
Ontario, Canada	217	186	5.0	21.0	51.2	16.6	6.2	11.9	0.0	1.3
Quebec, Canada	175	161	20.9	33.5	30.6	14.0	0.9	7.9	0.0	0.0
Norway (8)	239	216	1.6	18.7	62.1	15.3	2.3	7.8	0.0	0.4
Abu Dhabi, UAE	207	182	2.7	29.8	50.0	12.9	4.5	11.4	0.0	0.1
Dubai, UAE	267	253	20.1	42.5	30.0	6.0	1.3	3.8	0.0	0.0
Florida, US	110	78	3.6	21.7	29.4	25.2	20.1	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06G)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	569.3	531.0	499.5	483.7	452.1	477.0	.	480.6
Bahrain	201	196	483.6	480.6	455.2	436.4	431.0	452.8	.	428.3
Botswana	169	155	438.3	483.0	413.0	389.5	374.0	383.2	.	384.6
Canada	409	364	545.9	544.8	526.8	513.1	506.7	497.7	.	539.8
Chile	173	155	477.8	468.9	446.6	413.4	389.7	406.3	.	.
Chinese Taipei	216	216	645.2	626.7	601.5	584.5	553.9	.	.	.
Egypt	215	213	440.5	400.5	402.2	379.1	356.8	428.8	.	448.1
England	215	184	560.3	550.2	506.5	473.2	477.1	525.4	.	.
Georgia	188	186	378.6	467.7	457.4	433.3	418.4	.	.	420.1
Hong Kong SAR	175	172	669.1	631.5	600.8	559.1	560.9	615.8	.	534.6
Hungary	278	266	629.5	560.8	523.3	480.7	408.3	518.2	.	433.7
Iran, Islamic Rep. of	251	249	480.3	510.7	438.9	424.5	397.2	.	.	412.4
Ireland	526	479	543.0	539.3	524.5	477.2	486.7	530.7	.	447.2
Israel	603	546	545.3	529.9	517.4	478.1	463.9	516.4	.	537.8
Italy	230	211	373.3	515.1	496.8	486.4	468.2	493.9	.	478.1
Japan	231	229	620.2	603.2	584.6	563.4	565.8	571.1	.	553.0
Jordan	260	257	454.6	385.6	394.0	372.6	358.3	.	.	404.7
Kazakhstan	239	237	543.1	531.1	524.5	487.8	.	518.8	.	642.1
Korea, Rep. of	317	317	611.3	617.8	602.9	591.7	577.7	.	.	.
Kuwait	191	187	483.1	390.8	386.7	387.6	371.9	401.3	.	394.1
Lebanon	185	177	452.1	449.4	452.9	425.5	425.9	451.2	.	442.4
Lithuania	269	257	441.6	535.7	510.0	479.3	452.2	524.4	.	498.8
Malaysia	326	304	504.4	481.2	454.0	449.7	417.9	455.7	.	434.0
Malta	224	213	519.5	514.9	500.2	442.8	423.0	478.6	.	.
Morocco	373	359	430.9	414.2	394.2	384.5	374.3	384.9	.	397.2
New Zealand	489	453	513.7	516.2	488.9	461.8	427.1	472.4	.	506.9
Norway	239	218	527.9	524.6	512.2	501.7	477.4	499.2	.	.
Oman	356	352	424.3	416.7	406.2	396.9	361.4	.	.	438.1
Qatar	250	244	477.4	459.9	432.8	381.0	473.1	546.5	.	387.8
Russian Federation	226	225	574.7	552.3	538.2	512.0	504.5	.	.	597.7
Saudi Arabia	149	145	463.0	364.7	373.6	356.6	355.5	448.5	.	375.3
Singapore	334	329	636.4	638.4	622.3	581.0	553.5	681.7	.	688.0
Slovenia	467	440	500.2	543.7	516.9	507.5	511.5	510.2	.	.
South Africa	334	330	391.4	392.1	377.0	363.4	357.0	319.9	.	355.2
Sweden	206	199	550.6	520.1	499.9	483.2	496.5	510.0	.	433.1
Thailand	205	203	525.1	441.5	429.4	399.1	422.2	.	.	431.4
Turkey	220	219	532.8	505.5	477.5	444.2	416.8	.	.	478.0
United Arab Emirates	746	681	521.1	484.8	453.4	424.4	384.5	457.1	.	456.8
United States	429	371	561.9	552.6	515.1	502.3	473.0	516.7	.	.
International Avg. (39)	12055	11336	513.9	504.5	483.5	459.3	445.4	486.5	.	466.5
Buenos Aires, Argentina	138	61	489.1	446.5	392.3	381.6	376.0	400.5	.	.
Ontario, Canada	217	186	535.4	538.6	524.6	508.7	506.0	506.0	.	539.8
Quebec, Canada	175	161	550.3	555.0	553.8	526.5	516.0	474.1	.	.
Norway (8)	239	216	520.8	502.2	487.5	468.1	460.9	482.8	.	467.0
Abu Dhabi, UAE	207	182	494.2	455.3	442.4	414.3	382.7	444.7	.	403.1
Dubai, UAE	267	253	549.1	520.7	494.2	454.0	395.7	487.9	.	.
Florida, US	110	78	594.6	543.1	503.3	480.3	472.5	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	798	16.4	38.6	35.2	8.0	1.8	8.4	0.0	1.0
Bahrain	201	197	15.0	39.0	34.0	11.6	0.4	1.0	0.0	1.7
Botswana	169	155	9.9	23.4	30.4	24.3	12.0	5.5	0.0	0.3
Canada	409	364	21.9	32.5	35.8	7.1	2.7	9.7	0.0	0.8
Chile	173	154	7.8	34.0	39.1	12.0	7.0	9.4	0.0	0.2
Chinese Taipei	216	215	13.5	33.1	38.5	12.8	2.1	0.0	0.0	0.5
Egypt	215	213	2.2	33.2	47.1	12.8	4.7	0.7	0.0	0.5
England	215	184	18.7	33.1	40.8	6.0	1.3	13.1	0.0	0.0
Georgia	188	187	4.4	51.8	40.5	3.3	0.0	0.0	0.0	0.5
Hong Kong SAR	175	173	6.8	39.6	44.9	8.4	0.2	1.8	0.0	0.0
Hungary	278	266	7.4	36.2	43.2	9.2	4.1	3.4	0.0	0.9
Iran, Islamic Rep. of	251	250	27.7	35.1	25.0	11.1	1.1	0.0	0.0	0.6
Ireland	526	478	24.4	43.1	24.7	7.6	0.1	6.7	0.0	0.8
Israel	603	545	13.3	45.5	34.7	6.2	0.3	6.2	0.0	0.7
Italy	230	212	10.7	50.2	36.8	1.1	1.2	5.2	0.0	1.4
Japan	231	228	15.7	51.9	25.8	6.6	0.0	0.3	0.0	0.5
Jordan	260	255	2.4	20.1	52.1	21.9	3.5	0.0	0.0	2.8
Kazakhstan	239	237	15.4	60.2	22.4	2.0	0.0	0.4	0.0	0.2
Korea, Rep. of	317	317	32.0	41.2	21.0	5.7	0.1	0.0	0.0	0.0
Kuwait	191	187	6.0	30.1	48.1	13.6	2.3	1.4	0.0	1.0
Lebanon	185	174	6.2	29.6	40.7	16.7	6.8	2.3	0.0	3.9
Lithuania	269	257	3.4	43.6	48.7	4.2	0.0	4.8	0.0	0.1
Malaysia	326	304	31.5	48.9	18.5	1.1	0.0	6.2	0.0	0.4
Malta	224	213	18.1	45.8	29.9	4.8	1.4	4.6	0.0	0.0
Morocco	373	350	2.0	13.2	29.7	33.8	21.2	2.3	0.0	3.2
New Zealand	489	454	14.5	42.2	33.6	9.0	0.6	3.7	0.0	2.5
Norway	239	219	5.2	48.7	43.2	2.9	0.0	7.1	0.0	0.0
Oman	356	349	11.7	29.5	36.9	17.9	3.9	0.0	0.0	2.8
Qatar	250	242	23.0	45.2	24.5	7.1	0.1	0.4	0.0	1.7
Russian Federation	226	225	6.7	51.5	40.6	1.2	0.0	0.0	0.0	0.6
Saudi Arabia	149	143	6.0	26.3	49.8	15.4	2.5	0.6	0.0	3.5
Singapore	334	329	12.3	48.6	33.5	5.1	0.5	1.7	0.0	0.3
Slovenia	467	440	22.5	54.9	20.3	1.7	0.6	5.1	0.0	0.1
South Africa	334	328	17.8	37.4	24.1	17.5	3.2	0.2	0.0	1.4
Sweden	206	199	7.5	40.9	48.6	3.0	0.0	1.8	0.0	0.4
Thailand	205	204	19.1	47.7	26.9	4.5	1.7	0.0	0.0	0.6
Turkey	220	220	14.8	34.8	30.9	15.7	3.8	0.0	0.0	0.0
United Arab Emirates	746	677	23.9	43.6	25.8	5.9	0.7	7.7	0.0	0.9
United States	429	371	11.5	24.7	44.4	14.0	5.4	13.6	0.0	0.0
International Avg. (39)	12055	11313	13.6	39.2	35.2	9.6	2.5	3.5	0.0	0.9
Buenos Aires, Argentina	138	61	6.0	27.8	44.1	17.6	4.5	57.3	0.0	0.0
Ontario, Canada	217	186	12.3	31.3	43.8	8.5	4.0	11.9	0.0	1.3
Quebec, Canada	175	161	44.8	32.8	17.2	4.9	0.4	7.9	0.0	0.0
Norway (8)	239	216	7.2	48.8	42.5	1.4	0.0	7.8	0.0	0.4
Abu Dhabi, UAE	207	181	10.8	44.2	35.3	7.8	1.9	11.4	0.0	0.9
Dubai, UAE	267	250	41.8	42.9	13.7	1.6	0.1	3.8	0.0	1.2
Florida, US	110	77	5.8	24.7	34.0	21.2	14.3	24.8	0.0	2.3

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

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	798	553.1	514.7	488.2	480.5	451.9	477.1	.	480.4
Bahrain	201	197	483.8	458.3	445.9	431.9	429.4	452.8	.	408.0
Botswana	169	155	426.8	392.1	398.3	374.8	376.1	383.2	.	384.6
Canada	409	364	556.0	533.0	518.3	506.0	515.1	497.7	.	539.8
Chile	173	154	477.1	457.0	412.7	399.4	388.8	406.3	.	460.9
Chinese Taipei	216	215	632.2	619.7	587.1	556.4	540.7	.	.	597.8
Egypt	215	213	440.1	401.0	397.9	358.2	331.7	428.8	.	448.1
England	215	184	562.3	531.4	495.7	456.9	458.5	525.4	.	.
Georgia	188	187	478.1	464.9	437.0	435.5	.	.	.	446.6
Hong Kong SAR	175	173	634.2	624.6	574.3	525.4	451.3	615.8	.	.
Hungary	278	266	585.2	542.4	504.4	442.4	412.4	518.2	.	470.2
Iran, Islamic Rep. of	251	250	478.2	438.8	408.4	394.4	400.2	.	.	371.9
Ireland	526	478	544.3	534.4	503.0	464.6	455.5	530.7	.	447.3
Israel	603	545	550.6	540.1	473.2	419.3	386.2	516.4	.	539.8
Italy	230	212	508.4	496.0	491.6	495.7	410.8	493.9	.	478.1
Japan	231	228	627.1	585.4	572.4	553.0	.	571.1	.	601.0
Jordan	260	255	432.2	401.7	387.7	358.7	377.1	.	.	409.8
Kazakhstan	239	237	539.9	529.7	516.5	495.9	.	518.8	.	642.1
Korea, Rep. of	317	317	621.3	605.0	591.4	578.8	489.0	.	.	.
Kuwait	191	187	398.2	401.7	389.5	383.8	343.7	401.3	.	440.3
Lebanon	185	174	481.2	453.3	443.3	409.7	428.0	451.2	.	449.2
Lithuania	269	257	499.5	524.1	501.4	487.2	.	524.4	.	498.8
Malaysia	326	304	484.4	467.8	431.8	443.0	.	455.7	.	434.0
Malta	224	213	525.2	499.9	479.9	426.6	448.6	478.6	.	.
Morocco	373	350	385.3	414.5	386.2	376.3	375.2	384.9	.	388.3
New Zealand	489	454	535.0	496.4	480.9	461.2	436.6	472.4	.	501.9
Norway	239	219	519.6	519.4	504.6	501.5	.	499.3	.	.
Oman	356	349	424.3	417.5	396.0	384.0	373.3	.	.	420.9
Qatar	250	242	484.2	439.0	405.6	376.5	416.7	546.5	.	432.7
Russian Federation	226	225	539.0	547.7	525.7	503.2	.	.	.	597.7
Saudi Arabia	149	143	408.5	363.4	368.6	360.9	317.7	448.5	.	369.9
Singapore	334	329	655.9	635.6	593.8	558.6	536.3	681.7	.	688.0
Slovenia	467	440	518.9	518.6	511.9	494.0	471.2	511.9	.	511.4
South Africa	334	328	394.3	368.6	381.0	356.0	336.8	319.9	.	340.4
Sweden	206	199	526.8	507.9	491.7	488.4	.	510.0	.	433.1
Thailand	205	204	462.0	435.7	406.9	390.9	442.1	.	.	487.2
Turkey	220	220	506.0	476.5	446.2	408.0	393.7	.	.	.
United Arab Emirates	746	677	507.6	473.0	429.1	415.0	389.6	457.1	.	420.2
United States	429	371	568.1	539.1	503.4	502.5	484.8	516.7	.	.
International Avg. (39)	12055	11313	511.7	491.5	468.8	447.6	421.6	486.5	.	473.1
Buenos Aires, Argentina	138	61	457.7	413.5	376.8	372.4	358.4	400.5	.	.
Ontario, Canada	217	186	561.1	525.8	517.5	502.7	518.6	506.0	.	539.8
Quebec, Canada	175	161	553.5	552.5	541.5	525.9	445.5	474.1	.	.
Norway (8)	239	216	514.6	491.3	478.8	456.3	.	482.8	.	467.0
Abu Dhabi, UAE	207	181	485.5	454.3	423.9	415.5	387.4	444.7	.	313.7
Dubai, UAE	267	250	539.1	510.1	451.9	430.0	509.1	487.9	.	496.1
Florida, US	110	77	595.2	546.2	488.2	470.1	475.5	469.7	.	447.1

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Parental support for student achievement
Location: TQG-06i (BTBG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	797	7.9	33.6	40.4	15.3	2.9	8.4	0.0	1.0
Bahrain	201	196	6.2	19.7	50.9	18.6	4.6	1.0	0.0	2.2
Botswana	169	155	0.2	3.0	27.2	42.0	27.6	5.5	0.0	0.3
Canada	409	364	14.6	29.0	41.1	11.2	4.1	9.7	0.0	0.8
Chile	173	153	0.7	13.6	33.6	34.8	17.2	9.4	0.0	0.9
Chinese Taipei	216	216	7.4	32.4	44.1	13.6	2.5	0.0	0.0	0.0
Egypt	215	213	4.3	18.6	41.0	27.0	9.0	0.7	0.0	0.5
England	215	184	8.5	35.9	46.4	8.3	0.8	13.1	0.0	0.0
Georgia	188	188	3.0	30.1	56.0	10.9	0.0	0.0	0.0	0.0
Hong Kong SAR	175	173	1.9	24.6	42.5	27.1	3.9	1.8	0.0	0.0
Hungary	278	266	1.9	16.0	58.0	19.0	5.1	3.4	0.0	0.8
Iran, Islamic Rep. of	251	249	6.1	23.4	40.5	19.1	10.9	0.0	0.0	0.9
Ireland	526	481	9.2	44.6	37.1	9.1	0.0	6.7	0.0	0.5
Israel	603	543	7.5	32.9	47.7	9.3	2.6	6.2	0.0	0.9
Italy	230	211	1.0	9.7	56.5	29.9	2.9	5.2	0.0	1.5
Japan	231	228	5.1	32.8	46.5	15.2	0.5	0.3	0.0	0.5
Jordan	260	258	4.3	13.2	40.3	31.4	10.8	0.0	0.0	0.7
Kazakhstan	239	237	7.1	44.1	43.3	5.6	0.0	0.4	0.0	0.2
Korea, Rep. of	317	317	17.0	35.9	38.4	7.2	1.5	0.0	0.0	0.0
Kuwait	191	187	6.4	20.6	54.5	13.1	5.4	1.4	0.0	1.0
Lebanon	185	177	8.2	17.6	50.1	19.3	4.8	2.3	0.0	2.2
Lithuania	269	257	1.8	33.3	55.7	9.1	0.1	4.8	0.0	0.1
Malaysia	326	304	16.7	43.0	37.7	2.3	0.3	6.2	0.0	0.4
Malta	224	213	5.4	33.6	46.5	12.8	1.7	4.6	0.0	0.0
Morocco	373	358	3.0	3.4	22.2	41.8	29.6	2.3	0.0	1.5
New Zealand	489	455	6.4	35.7	48.3	9.0	0.5	3.7	0.0	2.4
Norway	239	219	1.0	31.1	63.3	3.7	0.8	7.1	0.0	0.0
Oman	356	351	5.4	25.0	37.0	24.4	8.3	0.0	0.0	1.6
Qatar	250	243	16.6	31.6	37.3	12.8	1.8	0.4	0.0	1.0
Russian Federation	226	225	0.0	8.7	64.2	25.9	1.2	0.0	0.0	0.6
Saudi Arabia	149	145	2.3	18.6	43.6	25.2	10.3	0.6	0.0	1.9
Singapore	334	329	3.5	36.9	46.1	12.7	0.8	1.7	0.0	0.3
Slovenia	467	441	0.5	15.2	69.6	14.1	0.6	5.1	0.0	0.0
South Africa	334	330	6.3	12.6	33.7	34.7	12.7	0.2	0.0	0.7
Sweden	206	199	1.0	16.3	62.2	18.8	1.7	1.8	0.0	0.4
Thailand	205	204	8.1	28.3	50.3	11.5	1.7	0.0	0.0	0.6
Turkey	220	220	2.2	11.8	39.0	30.6	16.3	0.0	0.0	0.0
United Arab Emirates	746	679	11.4	38.5	39.9	9.2	1.0	7.7	0.0	0.4
United States	429	371	6.7	23.1	40.1	22.2	7.8	13.6	0.0	0.0
International Avg. (39)	12055	11336	5.8	25.1	45.5	18.1	5.5	3.5	0.0	0.7
Buenos Aires, Argentina	138	61	2.4	6.8	52.6	32.5	5.7	57.3	0.0	0.0
Ontario, Canada	217	186	7.3	25.0	51.0	10.6	6.1	11.9	0.0	1.3
Quebec, Canada	175	161	31.6	33.4	21.9	12.1	1.0	7.9	0.0	0.0
Norway (8)	239	216	2.8	30.2	59.0	7.6	0.4	7.8	0.0	0.4
Abu Dhabi, UAE	207	181	6.2	31.7	46.7	12.7	2.7	11.4	0.0	0.3
Dubai, UAE	267	252	22.8	46.8	24.9	5.3	0.3	3.8	0.0	0.1
Florida, US	110	78	4.1	20.2	31.9	27.2	16.7	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Parental support for student achievement
Location: TQG-06i (BTBG06I)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	797	543.3	525.1	500.6	479.8	459.2	477.1	.	479.7
Bahrain	201	196	476.4	474.7	453.5	432.8	426.0	452.8	.	452.7
Botswana	169	155	519.5	453.6	406.3	381.2	384.2	383.2	.	384.6
Canada	409	364	551.1	542.8	524.1	504.7	501.3	497.7	.	539.8
Chile	173	153	479.3	478.9	441.6	414.4	395.3	406.3	.	434.9
Chinese Taipei	216	216	634.9	623.8	590.5	560.1	535.2	.	.	.
Egypt	215	213	374.3	421.7	395.2	377.0	365.9	428.8	.	448.1
England	215	184	553.1	544.0	499.0	471.2	460.2	525.4	.	.
Georgia	188	188	448.7	471.1	447.0	437.1	.	.	.	.
Hong Kong SAR	175	173	667.9	625.1	602.9	552.8	545.5	615.8	.	.
Hungary	278	266	638.5	568.9	518.3	481.1	388.8	518.2	.	433.7
Iran, Islamic Rep. of	251	249	512.6	468.7	431.6	402.5	402.8	.	.	412.4
Ireland	526	481	529.7	541.6	513.8	466.0	.	530.7	.	461.0
Israel	603	543	534.8	534.0	510.2	432.8	423.1	516.4	.	520.7
Italy	230	211	492.1	520.6	496.9	484.9	466.2	493.9	.	478.1
Japan	231	228	615.6	600.7	582.9	557.4	557.7	571.1	.	601.0
Jordan	260	258	412.5	402.3	393.0	373.8	359.8	.	.	404.0
Kazakhstan	239	237	553.2	527.4	525.4	513.4	.	518.8	.	642.1
Korea, Rep. of	317	317	623.4	616.2	592.3	593.6	558.5	.	.	.
Kuwait	191	187	482.0	391.0	385.6	387.7	361.2	401.3	.	440.3
Lebanon	185	177	449.5	458.0	443.1	435.5	378.9	451.2	.	464.0
Lithuania	269	257	540.2	533.4	504.1	462.4	452.2	524.4	.	498.8
Malaysia	326	304	496.2	466.4	456.2	406.4	441.9	455.7	.	434.0
Malta	224	213	487.0	515.6	496.4	445.7	404.5	478.6	.	.
Morocco	373	358	412.8	414.7	397.7	379.9	374.4	384.9	.	383.4
New Zealand	489	455	522.5	512.3	480.7	466.5	457.7	472.4	.	502.5
Norway	239	219	547.2	521.5	508.8	492.9	502.4	499.3	.	.
Oman	356	351	407.3	420.1	401.9	398.9	361.2	.	.	436.6
Qatar	250	243	486.5	455.7	424.7	368.1	377.0	546.5	.	431.7
Russian Federation	226	225	.	554.7	541.9	522.4	519.1	.	.	597.7
Saudi Arabia	149	145	425.4	374.6	371.1	355.8	351.2	448.5	.	375.3
Singapore	334	329	645.3	640.7	614.6	573.5	559.3	681.7	.	688.0
Slovenia	467	441	540.1	534.4	514.1	510.8	471.2	511.9	.	.
South Africa	334	330	398.2	400.4	379.0	354.9	363.6	319.9	.	355.2
Sweden	206	199	564.8	521.0	501.1	479.6	495.1	510.0	.	433.1
Thailand	205	204	491.3	441.8	423.2	395.0	442.1	.	.	487.2
Turkey	220	220	559.7	516.7	474.6	430.6	410.9	.	.	.
United Arab Emirates	746	679	502.2	481.1	450.5	428.7	392.9	457.1	.	436.8
United States	429	371	553.8	553.2	511.9	498.1	477.8	516.7	.	.
International Avg. (39)	12055	11336	517.7	503.8	479.7	454.1	439.6	486.5	.	470.9
Buenos Aires, Argentina	138	61	446.3	478.4	391.6	372.2	350.3	400.5	.	.
Ontario, Canada	217	186	548.0	537.3	522.0	500.7	502.4	506.0	.	539.8
Quebec, Canada	175	161	552.4	558.5	551.0	518.4	479.5	474.1	.	.
Norway (8)	239	216	526.3	494.3	484.5	467.7	445.4	482.8	.	467.0
Abu Dhabi, UAE	207	181	456.8	447.7	440.0	435.7	386.0	444.7	.	382.1
Dubai, UAE	267	252	534.6	524.5	486.8	440.6	468.9	487.9	.	390.7
Florida, US	110	78	634.3	556.7	489.4	481.4	468.2	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	797	16.2	35.9	33.9	11.8	2.2	8.4	0.0	1.0
Bahrain	201	195	7.2	25.3	44.9	19.0	3.6	1.0	0.0	2.4
Botswana	169	154	6.8	11.6	24.8	31.2	25.7	5.5	0.0	0.8
Canada	409	364	17.8	25.6	40.3	10.1	6.2	9.7	0.0	0.8
Chile	173	154	2.8	23.3	36.0	26.9	11.0	9.4	0.0	0.2
Chinese Taipei	216	216	4.8	26.4	49.9	14.3	4.7	0.0	0.0	0.0
Egypt	215	213	4.3	18.2	30.6	33.9	12.9	0.7	0.0	0.5
England	215	184	17.7	35.4	33.6	11.3	2.0	13.1	0.0	0.0
Georgia	188	188	15.4	62.6	17.1	4.9	0.0	0.0	0.0	0.0
Hong Kong SAR	175	173	3.6	22.8	54.3	16.3	3.1	1.8	0.0	0.0
Hungary	278	266	7.2	38.5	40.3	12.8	1.2	3.4	0.0	0.9
Iran, Islamic Rep. of	251	249	8.2	22.2	34.0	23.3	12.3	0.0	0.0	0.8
Ireland	526	480	20.2	43.0	26.5	8.8	1.5	6.7	0.0	0.7
Israel	603	546	5.4	28.1	47.8	14.7	4.0	6.2	0.0	0.7
Italy	230	212	2.4	19.6	53.1	21.5	3.3	5.2	0.0	1.4
Japan	231	229	4.8	22.8	53.9	18.2	0.2	0.3	0.0	0.2
Jordan	260	258	5.4	18.7	38.0	27.8	10.1	0.0	0.0	0.7
Kazakhstan	239	236	11.9	50.8	34.1	2.4	0.9	0.4	0.0	0.5
Korea, Rep. of	317	317	11.8	27.2	49.2	10.0	1.7	0.0	0.0	0.0
Kuwait	191	187	6.4	23.1	46.4	18.8	5.3	1.4	0.0	1.0
Lebanon	185	175	7.1	23.2	45.0	16.7	8.0	2.3	0.0	2.6
Lithuania	269	256	1.2	28.7	61.7	7.0	1.4	4.8	0.0	0.2
Malaysia	326	304	8.0	33.4	50.1	8.4	0.1	6.2	0.0	0.4
Malta	224	213	16.3	37.7	33.6	9.3	3.1	4.6	0.0	0.0
Morocco	373	354	2.3	5.9	20.9	32.5	38.4	2.3	0.0	2.0
New Zealand	489	455	16.0	40.2	34.9	8.0	0.9	3.7	0.0	2.4
Norway	239	219	2.9	38.2	47.3	10.6	0.9	7.1	0.0	0.0
Oman	356	350	7.0	13.7	35.9	31.6	11.8	0.0	0.0	2.1
Qatar	250	242	18.5	30.8	37.7	7.5	5.5	0.4	0.0	2.3
Russian Federation	226	221	1.4	5.2	44.7	35.6	13.0	0.0	0.0	2.1
Saudi Arabia	149	145	3.8	9.2	40.0	34.6	12.4	0.6	0.0	1.9
Singapore	334	329	7.8	44.0	39.2	7.3	1.6	1.7	0.0	0.3
Slovenia	467	440	7.0	28.1	56.7	7.2	1.1	5.1	0.0	0.3
South Africa	334	328	15.5	29.7	27.4	20.3	7.1	0.2	0.0	1.2
Sweden	206	199	13.6	32.4	43.8	9.0	1.3	1.8	0.0	0.4
Thailand	205	204	7.4	38.4	44.8	7.6	1.7	0.0	0.0	0.6
Turkey	220	220	4.7	18.0	34.4	26.4	16.5	0.0	0.0	0.0
United Arab Emirates	746	676	16.4	41.8	35.1	6.1	0.7	7.7	0.0	1.0
United States	429	369	12.4	24.8	41.4	15.9	5.5	13.6	0.0	0.5
International Avg. (39)	12055	11317	9.0	28.3	40.1	16.4	6.2	3.5	0.0	0.8
Buenos Aires, Argentina	138	61	3.4	16.8	37.7	28.5	13.5	57.3	0.0	0.0
Ontario, Canada	217	186	16.8	19.9	45.0	10.4	7.9	11.9	0.0	1.3
Quebec, Canada	175	161	24.1	38.1	23.6	9.6	4.6	7.9	0.0	0.0
Norway (8)	239	216	3.0	30.2	57.3	9.0	0.4	7.8	0.0	0.4
Abu Dhabi, UAE	207	181	8.6	42.0	37.0	11.8	0.6	11.4	0.0	1.2
Dubai, UAE	267	249	28.0	46.0	21.7	3.0	1.4	3.9	0.0	1.1
Florida, US	110	77	9.6	22.9	34.6	19.3	13.5	24.8	0.0	2.3

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06J)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	797	535.9	521.3	492.5	475.8	488.2	477.0	.	480.4
Bahrain	201	195	490.5	469.3	449.0	442.5	422.6	452.8	.	414.4
Botswana	169	154	424.4	412.3	399.6	383.9	375.3	383.2	.	352.0
Canada	409	364	553.5	537.3	523.7	513.2	506.8	497.7	.	539.8
Chile	173	154	497.6	455.4	437.0	410.5	379.5	406.3	.	460.9
Chinese Taipei	216	216	631.0	626.3	592.5	576.4	553.3	.	.	.
Egypt	215	213	430.4	404.9	391.1	389.3	367.7	428.8	.	448.1
England	215	184	552.5	528.5	509.2	460.1	460.8	525.4	.	.
Georgia	188	188	477.4	451.7	442.6	433.7	.	.	.	.
Hong Kong SAR	175	173	647.0	625.7	591.1	549.4	581.6	615.8	.	.
Hungary	278	266	584.7	533.3	497.2	485.8	393.5	518.2	.	470.2
Iran, Islamic Rep. of	251	249	492.4	473.5	429.9	409.5	404.2	.	.	383.6
Ireland	526	480	547.4	534.9	507.4	459.4	538.5	530.7	.	449.7
Israel	603	546	558.7	530.3	511.2	474.8	425.7	516.4	.	537.8
Italy	230	212	499.8	514.5	496.3	477.1	460.8	493.9	.	478.1
Japan	231	229	596.7	599.9	585.7	569.8	586.7	571.1	.	553.0
Jordan	260	258	429.7	383.3	388.7	384.1	357.0	.	.	404.0
Kazakhstan	239	236	559.7	530.7	515.4	469.0	543.3	518.8	.	580.8
Korea, Rep. of	317	317	621.6	619.6	599.7	578.4	609.4	.	.	.
Kuwait	191	187	466.9	384.4	388.8	381.7	396.5	401.3	.	440.3
Lebanon	185	175	446.8	458.4	439.7	434.9	417.6	451.2	.	450.2
Lithuania	269	256	484.9	518.0	509.5	499.9	484.5	524.4	.	523.4
Malaysia	326	304	504.9	476.6	454.1	457.2	533.6	455.7	.	434.0
Malta	224	213	533.9	494.4	489.9	447.0	472.6	478.6	.	.
Morocco	373	354	411.1	418.4	387.4	383.2	376.3	384.9	.	395.4
New Zealand	489	455	534.4	497.6	473.1	481.8	452.5	472.4	.	502.5
Norway	239	219	537.2	519.2	506.7	510.2	475.7	499.3	.	.
Oman	356	350	413.1	406.2	410.3	400.3	374.6	.	.	431.3
Qatar	250	242	479.2	451.0	415.5	387.1	434.2	546.5	.	415.7
Russian Federation	226	221	564.3	560.3	540.0	532.6	531.4	.	.	554.0
Saudi Arabia	149	145	403.6	384.7	368.8	359.3	359.4	448.5	.	375.3
Singapore	334	329	644.9	637.4	602.8	582.9	590.5	681.7	.	688.0
Slovenia	467	440	504.1	520.4	516.5	514.1	521.3	511.9	.	518.8
South Africa	334	328	407.1	385.7	364.0	349.8	343.2	319.9	.	347.8
Sweden	206	199	521.2	506.1	495.1	477.8	510.3	510.0	.	433.1
Thailand	205	204	469.6	443.3	418.4	404.1	442.1	.	.	487.2
Turkey	220	220	522.0	504.6	460.3	433.1	422.0	.	.	.
United Arab Emirates	746	676	500.3	470.1	451.4	424.2	406.6	456.9	.	480.9
United States	429	369	559.4	538.7	509.7	497.1	473.0	516.7	.	441.3
International Avg. (39)	12055	11317	513.8	495.6	475.9	459.0	459.8	486.5	.	466.8
Buenos Aires, Argentina	138	61	475.9	423.7	380.5	386.0	363.0	400.5	.	.
Ontario, Canada	217	186	557.4	521.0	520.6	510.5	501.1	506.0	.	539.8
Quebec, Canada	175	161	548.6	553.5	557.9	525.1	524.5	474.1	.	.
Norway (8)	239	216	511.0	496.7	484.0	469.2	445.4	482.8	.	467.0
Abu Dhabi, UAE	207	181	464.5	446.4	437.1	415.7	405.9	444.7	.	488.3
Dubai, UAE	267	249	542.6	513.9	486.9	468.2	410.7	485.5	.	485.1
Florida, US	110	77	564.5	551.2	488.4	460.9	475.1	469.7	.	447.1

Question: How would you characterize each of the following within your school? Students' desire to do well in school
Location: TQG-06k (BTBG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	795	7.3	41.2	42.0	8.4	1.2	8.4	0.0	1.4
Bahrain	201	194	3.8	29.9	55.2	8.9	2.2	1.0	0.0	3.2
Botswana	169	151	1.9	15.0	36.0	34.3	12.8	5.5	0.0	3.1
Canada	409	364	12.6	39.1	40.4	6.8	1.1	9.7	0.0	0.8
Chile	173	153	8.9	33.6	37.0	18.8	1.6	9.4	0.0	1.7
Chinese Taipei	216	215	2.9	34.3	48.8	13.4	0.5	0.0	0.0	0.3
Egypt	215	212	11.7	36.3	40.8	9.1	2.1	0.7	0.0	1.2
England	215	184	12.9	46.2	37.2	3.7	0.0	13.1	0.0	0.0
Georgia	188	188	2.3	35.3	57.8	4.5	0.0	0.0	0.0	0.0
Hong Kong SAR	175	166	5.4	34.3	48.9	10.9	0.5	1.8	0.0	4.7
Hungary	278	266	1.2	29.3	56.9	10.3	2.4	3.4	0.0	1.0
Iran, Islamic Rep. of	251	249	10.1	31.4	41.0	13.0	4.5	0.0	0.0	1.3
Ireland	526	480	14.3	48.5	31.9	5.3	0.0	6.7	0.0	1.1
Israel	603	544	11.3	43.8	40.4	4.5	0.0	6.2	0.0	1.3
Italy	230	209	1.4	27.1	63.0	8.3	0.2	5.2	0.0	2.9
Japan	231	228	10.1	54.0	28.4	7.5	0.0	0.3	0.0	0.4
Jordan	260	254	3.5	27.1	51.9	15.2	2.3	0.0	0.0	2.3
Kazakhstan	239	236	13.5	59.3	26.7	0.4	0.2	0.4	0.0	0.5
Korea, Rep. of	317	317	26.5	46.7	22.3	4.5	0.0	0.0	0.0	0.0
Kuwait	191	185	4.5	30.2	50.1	13.2	1.9	1.4	0.0	1.8
Lebanon	185	176	7.9	28.3	53.6	9.8	0.5	2.3	0.0	2.4
Lithuania	269	258	5.5	38.5	52.0	3.9	0.1	4.8	0.0	0.0
Malaysia	326	300	15.9	40.3	40.0	3.8	0.0	6.2	0.0	1.3
Malta	224	213	10.2	43.5	37.2	8.2	0.8	4.6	0.0	0.0
Morocco	373	361	2.5	10.9	46.6	31.6	8.3	2.3	0.0	0.4
New Zealand	489	452	5.4	46.7	41.0	6.9	0.0	3.7	0.0	3.0
Norway	239	218	4.4	65.1	29.4	1.1	0.0	7.2	0.0	0.0
Oman	356	353	21.0	35.5	35.6	5.8	2.1	0.0	0.0	1.3
Qatar	250	239	16.3	40.7	33.4	8.2	1.4	0.4	0.0	3.0
Russian Federation	226	225	1.5	20.8	67.6	10.1	0.0	0.0	0.0	0.6
Saudi Arabia	149	145	7.5	27.2	46.8	14.3	4.2	0.6	0.0	1.9
Singapore	334	329	8.1	42.9	42.9	5.9	0.2	1.7	0.0	0.3
Slovenia	467	441	0.8	15.4	69.7	12.9	1.2	5.1	0.0	0.0
South Africa	334	322	3.5	21.3	51.8	17.2	6.2	0.2	0.0	3.8
Sweden	206	200	6.4	42.9	44.2	6.5	0.0	1.8	0.0	0.2
Thailand	205	203	8.4	42.2	38.3	9.7	1.4	0.0	0.0	1.1
Turkey	220	220	2.8	24.4	50.7	18.1	4.0	0.0	0.0	0.0
United Arab Emirates	746	669	15.8	43.2	35.2	5.2	0.7	7.7	0.0	2.4
United States	429	371	5.0	28.5	51.5	12.4	2.6	13.6	0.0	0.0
International Avg. (39)	12055	11285	8.1	35.9	44.2	10.1	1.7	3.5	0.0	1.3
Buenos Aires, Argentina	138	61	4.4	15.8	65.9	13.5	0.4	57.3	0.0	0.0
Ontario, Canada	217	186	6.8	38.8	46.4	6.5	1.5	11.9	0.0	1.3
Quebec, Canada	175	161	26.2	41.1	25.3	6.8	0.6	7.9	0.0	0.0
Norway (8)	239	216	11.5	59.2	28.7	0.3	0.3	7.8	0.0	0.4
Abu Dhabi, UAE	207	179	7.6	41.8	39.7	9.1	1.7	11.4	0.0	1.7
Dubai, UAE	267	248	27.8	44.3	24.5	3.4	0.1	3.9	0.0	1.8
Florida, US	110	78	3.8	19.1	56.7	11.8	8.6	24.8	0.0	1.9

Question: How would you characterize each of the following within your school? Students' desire to do well in school
Location: TQG-06k (BTBG06K)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	795	557.7	525.7	485.8	496.1	426.7	477.1	.	498.1
Bahrain	201	194	492.1	481.3	442.1	432.0	422.9	452.8	.	439.9
Botswana	169	151	438.5	425.4	393.6	381.7	366.0	383.2	.	381.2
Canada	409	364	555.3	541.5	513.6	523.7	508.7	497.7	.	539.8
Chile	173	153	447.7	453.5	417.5	404.7	377.5	406.3	.	449.1
Chinese Taipei	216	215	641.7	626.8	589.3	559.6	487.6	.	.	563.7
Egypt	215	212	406.1	401.8	387.6	363.1	332.2	428.8	.	425.9
England	215	184	546.9	534.9	489.9	466.1	.	525.4	.	.
Georgia	188	188	454.1	466.3	446.9	430.5	.	.	.	.
Hong Kong SAR	175	166	641.3	619.0	578.0	558.1	519.7	615.8	.	609.8
Hungary	278	266	614.0	556.0	505.7	453.6	419.0	518.2	.	517.6
Iran, Islamic Rep. of	251	249	485.5	456.0	426.2	393.9	412.8	.	.	404.6
Ireland	526	480	539.5	537.3	500.6	482.0	565.4	530.7	.	522.8
Israel	603	544	554.1	533.3	486.8	405.6	531.0	516.4	.	465.6
Italy	230	209	505.0	511.3	490.4	472.8	473.2	493.9	.	482.5
Japan	231	228	627.3	589.8	573.6	557.1	.	571.1	.	572.2
Jordan	260	254	396.4	396.1	389.0	359.6	316.6	.	.	407.7
Kazakhstan	239	236	559.2	517.8	533.1	505.7	478.2	518.8	.	617.7
Korea, Rep. of	317	317	615.0	612.6	591.5	551.6	.	.	.	.
Kuwait	191	185	378.6	415.9	386.5	371.9	328.6	401.3	.	411.0
Lebanon	185	176	443.7	453.8	438.8	424.2	403.6	451.2	.	456.8
Lithuania	269	258	572.6	520.4	500.4	464.4	452.2	524.4	.	.
Malaysia	326	300	509.0	472.8	440.8	455.4	.	455.7	.	527.3
Malta	224	213	530.3	510.3	480.0	441.4	359.6	478.6	.	.
Morocco	373	361	408.2	403.9	384.7	375.6	382.2	384.9	.	404.0
New Zealand	489	452	510.0	511.8	477.5	443.3	.	472.4	.	512.1
Norway	239	218	528.8	516.5	501.7	494.5	.	499.8	.	.
Oman	356	353	417.8	406.8	397.0	358.6	399.0	.	.	439.6
Qatar	250	239	475.8	452.3	410.8	401.8	391.9	546.5	.	417.2
Russian Federation	226	225	575.2	552.9	537.5	502.3	.	.	.	597.7
Saudi Arabia	149	145	414.6	370.7	361.8	351.4	372.1	448.5	.	375.3
Singapore	334	329	687.4	637.1	596.3	579.9	531.9	681.7	.	564.3
Slovenia	467	441	497.5	529.9	514.9	511.0	515.1	511.9	.	.
South Africa	334	322	377.1	396.8	364.7	367.1	368.6	319.9	.	369.0
Sweden	206	200	519.5	508.9	494.2	470.1	.	510.0	.	497.2
Thailand	205	203	448.2	452.0	409.3	406.5	452.4	.	.	476.0
Turkey	220	220	518.4	497.9	448.4	429.9	412.0	.	.	.
United Arab Emirates	746	669	508.3	476.7	441.0	408.2	388.1	456.9	.	483.6
United States	429	371	572.5	540.7	509.9	490.4	479.6	516.7	.	.
International Avg. (39)	12055	11285	512.1	497.8	470.2	449.9	429.1	486.6	.	481.0
Buenos Aires, Argentina	138	61	346.0	410.6	393.5	365.8	356.1	400.5	.	.
Ontario, Canada	217	186	548.2	538.3	510.7	515.8	511.2	506.0	.	539.8
Quebec, Canada	175	161	558.6	553.4	535.0	546.8	497.8	474.1	.	.
Norway (8)	239	216	508.9	489.0	474.7	482.4	490.8	482.8	.	467.0
Abu Dhabi, UAE	207	179	470.1	461.9	427.5	402.5	379.2	444.7	.	405.7
Dubai, UAE	267	248	546.8	517.5	475.8	433.5	509.1	485.5	.	530.2
Florida, US	110	78	594.8	545.2	491.2	467.6	496.9	469.7	.	427.8

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
Location: TQG-06l (BTBG06L)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	795	8.7	39.0	44.8	5.7	1.8	8.4	0.0	1.7
Bahrain	201	194	3.0	35.5	53.0	7.9	0.7	1.0	0.0	3.2
Botswana	169	151	1.0	10.3	43.4	36.6	8.7	5.5	0.0	3.1
Canada	409	364	9.8	49.6	37.1	3.1	0.3	9.7	0.0	0.8
Chile	173	151	2.9	25.0	56.1	14.9	1.0	9.4	0.0	2.4
Chinese Taipei	216	215	2.6	19.6	63.9	13.9	0.0	0.0	0.0	0.3
Egypt	215	213	2.3	20.6	59.7	13.7	3.8	0.7	0.0	0.5
England	215	184	11.2	39.0	47.1	2.7	0.0	13.1	0.0	0.0
Georgia	188	188	1.4	30.8	65.3	2.5	0.0	0.0	0.0	0.0
Hong Kong SAR	175	166	1.3	28.9	58.4	11.3	0.0	1.8	0.0	4.7
Hungary	278	267	1.3	17.3	74.8	6.4	0.2	3.4	0.0	0.7
Iran, Islamic Rep. of	251	249	4.9	27.4	49.3	15.4	3.1	0.0	0.0	1.3
Ireland	526	477	8.6	51.9	36.0	3.5	0.0	6.7	0.0	1.4
Israel	603	542	6.0	38.3	49.9	5.6	0.1	6.2	0.0	1.5
Italy	230	207	0.4	16.6	74.7	8.3	0.0	5.2	0.0	4.5
Japan	231	228	1.4	26.9	51.6	19.8	0.3	0.3	0.0	0.4
Jordan	260	254	3.0	17.0	62.0	15.6	2.4	0.0	0.0	2.3
Kazakhstan	239	236	6.2	48.4	45.0	0.4	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	9.7	38.9	38.7	12.3	0.4	0.0	0.0	0.0
Kuwait	191	184	2.0	29.0	53.9	12.9	2.2	1.4	0.0	2.6
Lebanon	185	176	5.6	33.2	55.3	4.7	1.1	2.3	0.0	2.4
Lithuania	269	258	5.4	31.5	58.9	4.2	0.1	4.8	0.0	0.0
Malaysia	326	301	5.0	37.7	52.7	4.6	0.0	6.2	0.0	0.8
Malta	224	213	7.3	37.7	49.1	5.0	0.8	4.6	0.0	0.0
Morocco	373	361	1.9	6.6	51.2	34.3	6.1	2.3	0.0	0.4
New Zealand	489	453	5.3	48.5	41.3	4.8	0.0	3.7	0.0	2.8
Norway	239	219	1.7	38.3	59.1	1.0	0.0	7.1	0.0	0.0
Oman	356	351	8.2	30.1	48.0	12.4	1.3	0.0	0.0	1.6
Qatar	250	239	16.6	36.4	42.6	4.2	0.2	0.4	0.0	3.0
Russian Federation	226	222	0.6	14.2	76.6	8.6	0.0	0.0	0.0	2.1
Saudi Arabia	149	145	1.7	18.2	61.1	17.6	1.4	0.6	0.0	1.9
Singapore	334	329	5.7	34.1	51.8	7.4	0.9	1.7	0.0	0.3
Slovenia	467	440	0.6	20.6	74.5	4.1	0.1	5.2	0.0	0.0
South Africa	334	324	4.7	22.2	46.6	24.0	2.5	0.2	0.0	2.9
Sweden	206	200	4.0	32.4	59.2	3.4	1.0	1.8	0.0	0.2
Thailand	205	203	4.3	32.6	55.1	7.4	0.6	0.0	0.0	1.2
Turkey	220	219	2.6	17.1	52.4	24.2	3.7	0.0	0.0	0.5
United Arab Emirates	746	667	9.0	46.8	40.4	3.8	0.0	7.7	0.0	2.5
United States	429	370	4.2	36.3	49.1	10.0	0.5	13.6	0.0	0.2
International Avg. (39)	12055	11272	4.7	30.4	53.6	10.2	1.2	3.5	0.0	1.4
Buenos Aires, Argentina	138	60	1.7	18.6	66.3	13.0	0.4	57.3	0.0	0.1
Ontario, Canada	217	186	4.6	49.7	41.6	3.5	0.6	11.9	0.0	1.3
Quebec, Canada	175	161	19.5	51.6	25.7	3.3	0.0	7.9	0.0	0.0
Norway (8)	239	215	3.8	45.2	49.5	1.6	0.0	7.8	0.0	0.7
Abu Dhabi, UAE	207	178	5.1	37.7	50.0	7.0	0.1	11.4	0.0	1.9
Dubai, UAE	267	247	15.6	55.3	27.6	1.5	0.0	3.9	0.0	2.1
Florida, US	110	78	5.5	22.6	52.3	16.0	3.5	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
Location: TQG-06l (BTBG06L)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	795	540.0	525.5	490.5	483.5	464.9	477.2	.	505.0
Bahrain	201	194	493.5	468.3	445.3	442.9	400.6	452.8	.	439.9
Botswana	169	151	477.7	437.1	392.3	381.8	366.0	383.2	.	381.2
Canada	409	364	547.9	539.5	516.0	501.8	530.3	497.7	.	539.8
Chile	173	151	451.9	460.5	423.5	393.6	423.4	406.3	.	448.2
Chinese Taipei	216	215	638.4	626.5	596.4	566.3	.	.	.	563.7
Egypt	215	213	463.1	407.3	388.6	373.8	376.2	428.8	.	448.1
England	215	184	558.5	536.9	493.7	469.8	.	525.4	.	.
Georgia	188	188	451.3	468.4	447.3	421.8	.	.	.	.
Hong Kong SAR	175	166	671.3	631.7	585.7	522.9	.	615.8	.	609.8
Hungary	278	267	642.4	577.5	506.3	413.5	377.9	518.2	.	523.8
Iran, Islamic Rep. of	251	249	495.1	464.8	427.4	400.8	424.1	.	.	404.6
Ireland	526	477	550.6	536.7	504.2	448.8	.	530.7	.	516.6
Israel	603	542	544.1	527.9	505.2	418.3	353.3	516.4	.	463.4
Italy	230	207	444.4	514.0	492.8	474.2	.	493.9	.	490.3
Japan	231	228	616.7	614.0	578.8	567.4	593.3	571.1	.	572.2
Jordan	260	254	412.6	403.1	387.8	359.4	317.4	.	.	407.7
Kazakhstan	239	236	558.6	528.9	521.4	532.5	.	518.8	.	617.7
Korea, Rep. of	317	317	615.6	618.3	599.9	575.8	632.5	.	.	.
Kuwait	191	184	500.6	416.5	383.7	367.2	339.4	401.3	.	387.4
Lebanon	185	176	467.2	458.5	432.5	414.2	398.8	451.2	.	456.8
Lithuania	269	258	546.9	520.9	504.5	473.5	452.2	524.4	.	.
Malaysia	326	301	527.7	487.5	446.3	445.2	.	455.7	.	475.3
Malta	224	213	547.4	515.1	483.5	379.0	398.1	478.6	.	.
Morocco	373	361	393.8	427.4	381.6	379.0	387.9	384.9	.	404.0
New Zealand	489	453	547.1	501.4	481.6	445.9	.	472.4	.	512.0
Norway	239	219	540.3	521.3	506.1	504.5	.	499.3	.	.
Oman	356	351	425.3	414.5	397.3	384.4	358.8	.	.	433.0
Qatar	250	239	468.8	444.0	424.1	387.1	436.0	546.5	.	417.2
Russian Federation	226	222	623.4	561.9	535.7	504.9	.	.	.	571.6
Saudi Arabia	149	145	402.6	384.5	365.6	346.5	426.5	448.5	.	375.3
Singapore	334	329	671.9	646.7	605.2	577.6	492.5	681.7	.	564.3
Slovenia	467	440	524.9	525.4	515.4	497.3	418.0	510.2	.	.
South Africa	334	324	414.7	388.9	367.9	359.5	354.4	319.9	.	373.2
Sweden	206	200	546.0	506.2	497.9	443.7	487.4	510.0	.	497.2
Thailand	205	203	479.2	459.2	411.2	433.4	388.4	.	.	442.0
Turkey	220	219	534.9	503.4	456.9	423.3	415.9	.	.	532.8
United Arab Emirates	746	667	499.7	480.3	443.5	413.8	401.0	456.9	.	496.0
United States	429	370	572.7	535.1	511.1	475.9	421.9	516.7	.	583.0
International Avg. (39)	12055	11272	523.3	502.2	473.2	446.3	422.8	486.5	.	482.9
Buenos Aires, Argentina	138	60	351.2	450.9	380.2	360.3	356.1	400.5	.	387.5
Ontario, Canada	217	186	547.8	533.5	512.9	496.4	530.3	506.0	.	539.8
Quebec, Canada	175	161	554.3	554.9	539.0	512.3	.	474.1	.	.
Norway (8)	239	215	524.9	492.0	480.3	476.6	.	482.8	.	474.4
Abu Dhabi, UAE	207	178	453.0	462.6	427.6	413.5	401.0	444.7	.	449.9
Dubai, UAE	267	247	547.6	519.3	482.9	444.3	.	485.5	.	533.5
Florida, US	110	78	580.9	540.4	485.6	491.2	458.7	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel in school
Location: TQG-06m (BTBG06M)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	794	10.8	47.6	31.3	8.7	1.7	8.4	0.0	1.4
Bahrain	201	194	17.7	51.1	26.7	3.9	0.7	1.0	0.0	3.2
Botswana	169	151	9.0	22.0	40.6	25.2	3.2	5.5	0.0	3.1
Canada	409	364	16.2	53.9	26.2	3.1	0.6	9.7	0.0	0.8
Chile	173	153	12.3	48.8	27.8	9.4	1.6	9.4	0.0	1.7
Chinese Taipei	216	215	3.9	55.3	38.5	2.2	0.0	0.0	0.0	0.3
Egypt	215	212	16.8	47.6	30.3	4.9	0.5	0.7	0.0	0.8
England	215	183	12.3	45.9	34.1	7.0	0.7	13.1	0.0	0.8
Georgia	188	188	12.9	55.7	29.5	2.0	0.0	0.0	0.0	0.0
Hong Kong SAR	175	166	7.4	47.9	37.5	6.4	0.8	1.8	0.0	4.7
Hungary	278	266	3.0	29.4	46.4	18.5	2.7	3.4	0.0	1.0
Iran, Islamic Rep. of	251	249	11.3	42.2	33.0	9.7	3.8	0.0	0.0	1.3
Ireland	526	481	16.0	52.5	26.8	3.9	0.8	6.7	0.0	1.0
Israel	603	543	15.5	50.6	29.9	3.5	0.5	6.2	0.0	1.4
Italy	230	208	2.6	40.4	47.2	9.7	0.0	5.2	0.0	3.7
Japan	231	229	3.8	42.3	47.9	6.0	0.0	0.3	0.0	0.2
Jordan	260	252	6.5	55.5	29.0	6.6	2.3	0.0	0.0	3.7
Kazakhstan	239	236	20.8	69.0	10.3	0.0	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	16.6	49.0	30.8	3.2	0.4	0.0	0.0	0.0
Kuwait	191	184	14.4	47.4	26.6	11.5	0.1	1.4	0.0	2.3
Lebanon	185	176	14.9	36.8	39.0	7.2	2.1	2.3	0.0	2.4
Lithuania	269	258	9.8	53.3	33.6	2.9	0.3	4.8	0.0	0.0
Malaysia	326	302	9.6	43.2	43.2	4.1	0.0	6.2	0.0	0.7
Malta	224	213	9.5	47.2	37.3	4.5	1.5	4.6	0.0	0.0
Morocco	373	361	6.7	35.9	36.6	16.0	4.8	2.3	0.0	0.4
New Zealand	489	453	12.8	48.1	31.8	7.0	0.3	3.7	0.0	2.8
Norway	239	219	9.4	57.4	28.9	4.3	0.0	7.1	0.0	0.0
Oman	356	350	21.0	53.2	19.8	5.8	0.2	0.0	0.0	2.3
Qatar	250	238	23.9	43.2	26.6	5.4	1.0	0.4	0.0	3.1
Russian Federation	226	225	3.4	59.8	35.6	1.2	0.0	0.0	0.0	0.6
Saudi Arabia	149	145	22.6	39.7	30.0	5.1	2.6	0.6	0.0	1.9
Singapore	334	329	5.9	49.9	39.9	4.1	0.3	1.7	0.0	0.3
Slovenia	467	441	3.7	32.3	50.5	12.7	0.8	5.1	0.0	0.0
South Africa	334	324	8.4	22.9	49.0	17.0	2.7	0.2	0.0	3.0
Sweden	206	200	10.4	48.1	33.9	7.0	0.6	1.8	0.0	0.2
Thailand	205	203	10.6	49.8	35.7	3.3	0.6	0.0	0.0	1.4
Turkey	220	220	8.8	40.0	40.5	9.2	1.5	0.0	0.0	0.0
United Arab Emirates	746	668	24.5	55.0	18.0	2.5	0.0	7.7	0.0	2.5
United States	429	370	9.1	40.9	36.4	11.2	2.3	13.6	0.0	0.2
International Avg. (39)	12055	11280	11.7	46.4	33.8	7.1	1.1	3.5	0.0	1.4
Buenos Aires, Argentina	138	61	14.1	34.8	41.4	7.4	2.3	57.3	0.0	0.0
Ontario, Canada	217	186	7.9	57.7	29.5	4.4	0.6	11.9	0.0	1.3
Quebec, Canada	175	161	30.2	45.8	23.0	0.2	0.8	7.9	0.0	0.0
Norway (8)	239	215	10.4	65.1	22.8	1.6	0.0	7.8	0.0	0.7
Abu Dhabi, UAE	207	179	14.9	56.8	23.4	4.9	0.0	11.4	0.0	1.2
Dubai, UAE	267	248	34.8	54.2	9.3	1.8	0.0	3.9	0.0	1.8
Florida, US	110	78	4.0	27.1	54.2	13.4	1.4	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel in school
Location: TQG-06m (BTBG06M)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	794	540.6	522.3	489.1	465.7	443.6	477.2	.	497.5
Bahrain	201	194	468.4	457.9	444.2	418.6	440.7	452.8	.	439.9
Botswana	169	151	433.1	396.5	388.9	379.6	369.6	383.2	.	381.2
Canada	409	364	545.7	531.3	519.3	530.7	511.2	497.7	.	539.8
Chile	173	153	450.9	434.0	420.2	406.9	406.7	406.3	.	449.1
Chinese Taipei	216	215	638.4	607.2	586.7	547.0	.	.	.	563.7
Egypt	215	212	403.2	399.6	378.7	352.3	412.7	428.8	.	436.0
England	215	183	568.0	524.9	491.7	493.6	484.5	525.4	.	604.9
Georgia	188	188	470.8	454.3	445.1	426.5	.	.	.	.
Hong Kong SAR	175	166	618.5	600.1	583.7	571.1	553.0	615.8	.	609.8
Hungary	278	266	607.4	544.1	512.0	473.0	409.6	518.2	.	517.6
Iran, Islamic Rep. of	251	249	472.4	440.6	427.4	419.5	413.5	.	.	404.6
Ireland	526	481	535.4	532.8	501.6	478.2	573.1	530.7	.	520.8
Israel	603	543	531.7	517.1	497.8	464.1	425.9	516.4	.	458.1
Italy	230	208	503.3	499.2	495.2	471.2	490.6	493.9	.	486.5
Japan	231	229	582.0	599.3	578.2	566.7	.	571.1	.	553.0
Jordan	260	252	396.7	394.4	377.4	348.5	345.9	.	.	388.0
Kazakhstan	239	236	530.6	527.1	522.8	.	.	518.8	.	617.7
Korea, Rep. of	317	317	609.4	610.0	598.7	582.5	663.0	.	.	.
Kuwait	191	184	425.3	397.4	376.1	369.5	382.0	401.3	.	386.1
Lebanon	185	176	459.7	446.8	441.2	403.3	374.3	451.2	.	456.8
Lithuania	269	258	518.9	512.0	508.3	490.0	460.4	524.4	.	.
Malaysia	326	302	515.3	477.6	450.3	387.1	.	455.7	.	491.6
Malta	224	213	520.0	512.1	479.7	407.0	396.7	478.6	.	.
Morocco	373	361	401.8	387.8	381.8	376.3	379.9	384.9	.	404.0
New Zealand	489	453	503.0	503.4	477.1	477.0	427.0	472.4	.	512.0
Norway	239	219	527.1	515.4	504.1	497.6	.	499.3	.	.
Oman	356	350	413.9	407.2	381.8	389.3	319.8	.	.	437.9
Qatar	250	238	455.4	445.5	419.6	392.8	351.5	546.5	.	417.2
Russian Federation	226	225	551.1	542.9	529.3	488.0	.	.	.	597.7
Saudi Arabia	149	145	378.6	366.4	362.3	378.9	309.7	448.5	.	375.3
Singapore	334	329	673.8	630.9	603.7	569.7	628.6	681.7	.	564.3
Slovenia	467	441	526.1	524.3	513.1	508.1	515.7	511.9	.	.
South Africa	334	324	405.3	389.8	367.8	349.8	353.0	319.9	.	369.2
Sweden	206	200	516.8	507.4	490.4	477.9	509.9	510.0	.	497.2
Thailand	205	203	471.0	439.4	409.8	398.9	388.4	.	.	494.6
Turkey	220	220	514.0	465.1	449.5	410.7	434.1	.	.	.
United Arab Emirates	746	668	494.4	463.4	434.8	415.9	.	456.9	.	494.5
United States	429	370	541.0	535.9	505.9	491.4	447.6	516.7	.	583.0
International Avg. (39)	12055	11280	505.6	488.8	470.4	449.3	439.4	486.5	.	485.9
Buenos Aires, Argentina	138	61	364.9	412.1	383.1	381.3	371.1	400.5	.	.
Ontario, Canada	217	186	551.1	526.1	511.7	535.9	530.3	506.0	.	539.8
Quebec, Canada	175	161	550.7	550.8	547.3	479.6	488.7	474.1	.	.
Norway (8)	239	215	512.7	486.1	480.8	457.2	.	482.8	.	474.4
Abu Dhabi, UAE	207	179	449.4	447.3	427.0	413.3	.	444.7	.	448.3
Dubai, UAE	267	248	539.9	503.7	477.3	434.6	.	485.5	.	530.2
Florida, US	110	78	547.4	522.4	502.7	452.5	513.9	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Clarity of the school's educational objectives
Location: TQG-06n (BTBG06N)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	792	14.7	53.6	26.2	4.7	0.7	8.4	0.0	1.9
Bahrain	201	194	31.4	50.0	17.8	0.8	0.0	1.0	0.0	3.2
Botswana	169	150	16.1	43.0	31.4	8.6	0.9	5.5	0.0	3.6
Canada	409	364	24.7	49.4	21.6	3.8	0.4	9.7	0.0	0.8
Chile	173	153	22.0	52.2	20.8	5.0	0.0	9.4	0.0	1.7
Chinese Taipei	216	215	15.2	64.7	18.7	1.5	0.0	0.0	0.0	0.3
Egypt	215	213	17.6	54.4	22.8	5.0	0.3	0.7	0.0	0.5
England	215	184	18.2	53.4	23.5	4.7	0.3	13.1	0.0	0.0
Georgia	188	185	18.1	67.1	14.5	0.4	0.0	0.0	0.0	2.6
Hong Kong SAR	175	166	11.5	56.8	30.5	1.2	0.0	1.8	0.0	4.7
Hungary	278	266	7.4	55.7	33.7	3.2	0.0	3.4	0.0	0.9
Iran, Islamic Rep. of	251	245	23.7	44.3	25.4	5.1	1.5	0.0	0.0	3.3
Ireland	526	479	23.2	54.4	19.4	3.0	0.0	6.7	0.0	1.3
Israel	603	543	20.6	57.0	20.6	1.7	0.1	6.2	0.0	1.4
Italy	230	209	5.3	58.0	33.4	2.8	0.4	5.2	0.0	2.9
Japan	231	229	6.7	49.0	40.1	4.2	0.0	0.3	0.0	0.2
Jordan	260	251	24.3	56.9	17.4	1.4	0.0	0.0	0.0	4.5
Kazakhstan	239	236	27.2	67.6	4.9	0.3	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	24.3	56.1	19.7	0.0	0.0	0.0	0.0	0.0
Kuwait	191	184	29.1	51.2	17.7	1.5	0.4	1.4	0.0	2.3
Lebanon	185	174	22.9	47.5	26.1	3.0	0.4	2.3	0.0	4.0
Lithuania	269	257	23.6	69.5	6.0	0.9	0.0	4.8	0.0	0.3
Malaysia	326	302	25.2	61.9	12.2	0.7	0.0	6.2	0.0	0.7
Malta	224	212	15.0	56.2	26.3	2.4	0.2	4.6	0.0	0.5
Morocco	373	355	5.2	25.8	43.2	23.0	2.9	2.3	0.0	1.9
New Zealand	489	451	21.5	48.6	27.3	2.7	0.0	3.7	0.0	3.3
Norway	239	219	8.5	63.1	26.8	1.6	0.0	7.1	0.0	0.0
Oman	356	351	39.5	44.8	14.6	1.0	0.1	0.0	0.0	1.5
Qatar	250	237	48.3	43.0	7.9	0.6	0.3	0.4	0.0	3.4
Russian Federation	226	223	3.9	58.6	35.8	1.7	0.0	0.0	0.0	2.3
Saudi Arabia	149	144	30.7	47.4	18.7	2.2	0.9	0.6	0.0	2.8
Singapore	334	329	8.9	57.1	32.4	1.6	0.0	1.7	0.0	0.3
Slovenia	467	438	8.3	61.7	28.3	1.6	0.0	5.3	0.0	0.2
South Africa	334	322	15.8	47.4	31.1	4.9	0.7	0.2	0.0	3.3
Sweden	206	199	11.0	53.8	30.3	3.7	1.2	1.8	0.0	0.5
Thailand	205	204	18.9	65.7	13.9	0.7	0.8	0.0	0.0	0.6
Turkey	220	220	12.7	53.2	30.2	3.9	0.0	0.0	0.0	0.0
United Arab Emirates	746	667	40.0	47.5	11.9	0.5	0.0	7.7	0.0	2.7
United States	429	369	12.9	53.1	25.2	7.2	1.6	13.6	0.0	0.4
International Avg. (39)	12055	11248	19.3	53.9	23.3	3.1	0.4	3.5	0.0	1.7
Buenos Aires, Argentina	138	61	8.8	58.5	31.7	1.0	0.0	57.3	0.0	0.0
Ontario, Canada	217	186	15.6	52.0	28.0	4.4	0.0	11.9	0.0	1.3
Quebec, Canada	175	161	35.9	48.2	10.9	3.8	1.3	7.9	0.0	0.0
Norway (8)	239	215	8.4	62.9	26.7	2.0	0.0	7.8	0.0	0.7
Abu Dhabi, UAE	207	180	35.1	52.4	12.1	0.5	0.0	11.4	0.0	0.9
Dubai, UAE	267	246	45.1	43.2	10.7	1.0	0.1	3.9	0.0	3.2
Florida, US	110	78	17.2	46.8	31.8	2.7	1.4	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Clarity of the school's educational objectives
Location: TQG-06n (BTBG06N)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	792	527.5	514.0	490.5	480.3	417.1	477.1	.	507.4
Bahrain	201	194	453.6	459.4	443.3	422.6	.	452.8	.	439.9
Botswana	169	150	409.0	389.8	386.3	391.4	391.5	383.2	.	374.4
Canada	409	364	530.5	528.1	533.2	542.5	537.9	497.7	.	539.8
Chile	173	153	430.0	434.0	428.1	380.6	.	406.3	.	449.1
Chinese Taipei	216	215	622.6	598.2	586.2	570.6	.	.	.	563.7
Egypt	215	213	410.6	391.0	381.7	376.6	411.3	428.8	.	448.1
England	215	184	527.4	521.9	500.2	509.7	501.5	525.4	.	.
Georgia	188	185	462.5	452.8	443.2	399.5	.	.	.	460.4
Hong Kong SAR	175	166	607.0	596.6	581.3	592.9	.	615.8	.	609.8
Hungary	278	266	545.9	518.5	508.9	431.2	.	518.2	.	488.8
Iran, Islamic Rep. of	251	245	463.7	437.6	422.5	406.9	394.8	.	.	395.2
Ireland	526	479	535.3	523.1	511.3	498.7	.	530.7	.	527.7
Israel	603	543	518.9	510.1	503.1	562.7	474.8	516.4	.	458.1
Italy	230	209	521.7	499.0	485.3	469.0	496.5	493.9	.	482.5
Japan	231	229	588.7	586.2	585.6	597.0	.	571.1	.	553.0
Jordan	260	251	395.6	381.9	390.9	343.7	.	.	.	371.0
Kazakhstan	239	236	534.4	522.1	558.8	565.3	.	518.8	.	617.7
Korea, Rep. of	317	317	610.5	605.7	599.9	.	.	.	.	.
Kuwait	191	184	405.3	389.2	381.1	391.4	385.0	401.3	.	386.1
Lebanon	185	174	456.5	440.4	425.0	486.6	514.6	451.2	.	452.8
Lithuania	269	257	510.7	511.8	501.3	463.3	.	524.4	.	567.1
Malaysia	326	302	477.2	467.4	437.5	395.9	.	455.7	.	491.6
Malta	224	212	513.1	496.8	486.0	401.3	290.4	478.6	.	567.3
Morocco	373	355	423.7	387.1	384.4	374.0	365.6	384.9	.	393.1
New Zealand	489	451	506.0	495.4	479.2	493.7	.	472.4	.	501.5
Norway	239	219	513.6	511.5	515.5	494.5	.	499.3	.	.
Oman	356	351	412.0	397.9	392.0	402.5	333.2	.	.	440.1
Qatar	250	237	427.1	447.2	437.3	481.3	400.9	546.5	.	432.9
Russian Federation	226	223	515.9	547.4	525.4	507.2	.	.	.	555.9
Saudi Arabia	149	144	376.6	364.8	358.0	405.3	272.4	448.5	.	369.7
Singapore	334	329	637.0	622.7	613.3	569.1	.	681.7	.	564.3
Slovenia	467	438	515.2	515.9	519.2	505.2	.	510.8	.	542.9
South Africa	334	322	390.4	380.4	355.5	353.8	338.1	319.9	.	366.6
Sweden	206	199	505.5	502.2	497.3	486.1	508.7	510.0	.	501.9
Thailand	205	204	455.8	427.2	414.5	371.9	499.8	.	.	487.2
Turkey	220	220	485.1	455.7	457.7	394.1	.	.	.	.
United Arab Emirates	746	667	469.5	464.8	447.4	478.1	509.1	456.9	.	490.5
United States	429	369	547.0	516.4	511.1	521.5	464.2	516.7	.	517.8
International Avg. (39)	12055	11248	493.3	482.4	473.8	461.0	425.4	486.5	.	483.3
Buenos Aires, Argentina	138	61	421.0	388.9	386.0	324.7	.	400.5	.	.
Ontario, Canada	217	186	527.8	518.6	530.4	539.4	.	506.0	.	539.8
Quebec, Canada	175	161	544.2	551.6	557.4	549.0	537.9	474.1	.	.
Norway (8)	239	215	490.6	486.9	488.0	473.4	.	482.8	.	474.4
Abu Dhabi, UAE	207	180	433.7	449.1	427.7	460.6	.	444.7	.	455.8
Dubai, UAE	267	246	521.6	508.5	496.1	503.2	509.1	485.5	.	510.5
Florida, US	110	78	521.5	514.4	482.0	478.2	432.0	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Collaboration between school leadership and teachers to plan instruction
Location: TQG-06o (BTBG06O)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	791	13.5	36.4	37.1	9.4	3.5	8.4	0.0	1.5
Bahrain	201	193	28.9	55.9	11.4	2.1	1.6	1.0	0.0	4.1
Botswana	169	151	7.5	32.6	42.2	11.2	6.5	5.5	0.0	3.1
Canada	409	364	18.6	41.1	29.6	9.6	1.2	9.7	0.0	0.8
Chile	173	153	8.0	36.8	32.5	20.3	2.3	9.4	0.0	1.7
Chinese Taipei	216	215	10.3	49.7	34.8	4.8	0.3	0.0	0.0	0.3
Egypt	215	213	38.2	44.7	12.3	4.2	0.6	0.7	0.0	0.5
England	215	184	8.2	38.0	33.4	15.5	4.9	13.1	0.0	0.0
Georgia	188	188	36.9	58.4	3.9	0.8	0.0	0.0	0.0	0.0
Hong Kong SAR	175	166	7.3	44.9	37.1	9.2	1.5	1.8	0.0	4.7
Hungary	278	267	17.5	52.8	27.6	2.2	0.0	3.4	0.0	0.7
Iran, Islamic Rep. of	251	249	43.2	37.4	16.5	2.1	0.8	0.0	0.0	1.3
Ireland	526	482	16.0	46.8	28.6	7.5	1.2	6.7	0.0	1.0
Israel	603	541	26.8	46.1	21.5	4.0	1.7	6.2	0.0	1.5
Italy	230	206	9.0	54.4	30.7	4.5	1.4	5.2	0.0	4.7
Japan	231	229	4.3	46.1	40.2	8.7	0.7	0.3	0.0	0.2
Jordan	260	251	33.8	52.4	11.0	2.8	0.0	0.0	0.0	3.7
Kazakhstan	239	236	36.3	58.5	5.2	0.0	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	25.4	44.5	27.7	1.8	0.6	0.0	0.0	0.0
Kuwait	191	184	40.2	46.7	9.3	3.6	0.2	1.4	0.0	2.3
Lebanon	185	175	32.5	47.0	14.4	4.7	1.3	2.3	0.0	2.9
Lithuania	269	258	26.5	58.6	14.0	0.9	0.1	4.8	0.0	0.0
Malaysia	326	302	33.2	59.8	6.2	0.7	0.0	6.2	0.0	0.7
Malta	224	213	12.9	47.1	33.8	5.7	0.5	4.6	0.0	0.0
Morocco	373	358	12.3	39.8	35.0	9.5	3.4	2.3	0.0	0.9
New Zealand	489	451	7.9	42.4	34.6	14.0	1.1	3.7	0.0	3.4
Norway	239	219	6.5	29.9	43.2	17.9	2.6	7.1	0.0	0.0
Oman	356	353	39.2	45.0	13.5	2.3	0.0	0.0	0.0	1.3
Qatar	250	238	54.1	34.3	10.1	0.8	0.7	0.4	0.0	3.3
Russian Federation	226	225	16.6	69.6	13.0	0.8	0.0	0.0	0.0	0.6
Saudi Arabia	149	145	41.5	39.8	12.9	4.6	1.2	0.6	0.0	1.9
Singapore	334	329	7.3	46.9	40.1	5.5	0.3	1.7	0.0	0.3
Slovenia	467	441	15.4	50.1	26.4	7.6	0.5	5.1	0.0	0.0
South Africa	334	324	18.4	42.0	32.2	6.3	1.2	0.2	0.0	2.9
Sweden	206	199	4.9	23.5	41.3	21.2	9.2	1.8	0.0	0.5
Thailand	205	203	23.6	55.4	18.5	2.5	0.0	0.0	0.0	1.4
Turkey	220	220	19.3	57.3	19.4	3.4	0.5	0.0	0.0	0.0
United Arab Emirates	746	667	41.2	43.9	12.3	2.5	0.1	7.7	0.0	2.2
United States	429	370	11.5	37.9	35.7	13.0	1.9	13.6	0.0	0.2
International Avg. (39)	12055	11270	21.9	46.0	24.3	6.4	1.4	3.5	0.0	1.4
Buenos Aires, Argentina	138	61	9.3	53.7	35.8	1.2	0.0	57.3	0.0	0.0
Ontario, Canada	217	186	11.8	40.3	36.5	9.9	1.5	11.9	0.0	1.3
Quebec, Canada	175	161	31.3	39.0	20.1	8.7	0.9	7.9	0.0	0.0
Norway (8)	239	215	3.0	33.1	41.7	18.3	3.8	7.8	0.0	0.7
Abu Dhabi, UAE	207	180	36.3	49.1	12.7	1.9	0.0	11.4	0.0	0.9
Dubai, UAE	267	245	40.1	44.0	12.1	3.6	0.2	3.9	0.0	2.5
Florida, US	110	78	13.9	50.7	22.5	7.2	5.7	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? Collaboration between school leadership and teachers to plan instruction
Location: TQG-06o (BTBG06O)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	791	510.4	518.7	500.5	500.6	474.7	477.1	.	504.2
Bahrain	201	193	445.6	456.3	462.8	482.2	480.3	452.8	.	432.0
Botswana	169	151	413.2	394.5	385.9	383.5	403.2	383.2	.	381.2
Canada	409	364	531.2	529.1	527.5	539.0	563.3	497.7	.	539.8
Chile	173	153	428.7	432.2	430.6	428.4	370.0	406.3	.	449.1
Chinese Taipei	216	215	626.1	606.2	583.6	586.3	545.3	.	.	563.7
Egypt	215	213	402.5	389.0	379.9	367.2	314.9	428.8	.	448.1
England	215	184	504.0	515.6	522.7	514.0	523.8	525.4	.	.
Georgia	188	188	453.1	454.6	437.8	432.5	.	.	.	.
Hong Kong SAR	175	166	591.4	602.0	590.2	562.6	591.0	615.8	.	609.8
Hungary	278	267	515.4	517.8	506.7	512.7	.	518.2	.	523.8
Iran, Islamic Rep. of	251	249	449.2	430.9	426.8	388.7	373.7	.	.	404.6
Ireland	526	482	514.9	525.4	530.9	491.4	542.4	530.7	.	523.6
Israel	603	541	517.7	498.9	520.0	550.9	548.8	516.4	.	457.7
Italy	230	206	508.4	497.8	487.5	485.7	482.2	493.9	.	486.2
Japan	231	229	591.0	588.7	582.3	597.4	529.6	571.1	.	553.0
Jordan	260	251	390.6	388.1	370.4	336.1	.	.	.	384.7
Kazakhstan	239	236	524.9	523.5	588.2	.	.	518.8	.	617.7
Korea, Rep. of	317	317	612.9	603.9	603.5	584.3	608.9	.	.	.
Kuwait	191	184	406.3	384.8	377.9	376.5	371.0	401.3	.	386.1
Lebanon	185	175	451.3	434.9	434.9	453.7	498.4	451.2	.	451.4
Lithuania	269	258	512.4	510.0	513.0	471.7	452.2	524.4	.	.
Malaysia	326	302	469.9	462.8	479.4	395.9	540.8	455.7	.	491.6
Malta	224	213	497.9	495.9	495.2	470.6	450.9	478.6	.	.
Morocco	373	358	400.2	383.9	381.7	380.4	372.1	384.9	.	384.1
New Zealand	489	451	485.6	497.8	491.2	489.3	442.2	472.4	.	515.5
Norway	239	219	505.7	506.7	516.9	512.8	520.7	499.3	.	.
Oman	356	353	405.5	402.9	394.2	400.1	.	.	.	439.6
Qatar	250	238	419.7	448.9	488.3	479.2	454.1	546.5	.	414.3
Russian Federation	226	225	532.0	541.7	525.9	493.4	.	.	.	597.7
Saudi Arabia	149	145	372.4	364.9	352.4	360.6	444.0	448.5	.	375.3
Singapore	334	329	628.8	624.0	613.2	628.5	539.5	681.7	.	564.3
Slovenia	467	441	516.0	518.8	512.0	520.9	496.6	511.9	.	.
South Africa	334	324	395.6	372.0	363.1	359.7	352.0	319.9	.	373.2
Sweden	206	199	495.4	502.6	501.0	496.4	505.7	510.0	.	501.9
Thailand	205	203	434.2	434.5	420.7	382.7	.	.	.	494.6
Turkey	220	220	462.5	453.3	474.1	408.1	456.8	.	.	.
United Arab Emirates	746	667	462.6	462.3	466.3	530.6	526.5	456.9	.	496.0
United States	429	370	514.5	514.2	523.4	521.9	506.7	516.7	.	583.0
International Avg. (39)	12055	11270	484.6	481.8	481.1	470.4	477.6	486.5	.	482.2
Buenos Aires, Argentina	138	61	413.3	381.7	393.9	479.3	.	400.5	.	.
Ontario, Canada	217	186	530.2	519.9	522.4	538.8	545.9	506.0	.	539.8
Quebec, Canada	175	161	539.8	556.5	550.3	541.8	618.0	474.1	.	.
Norway (8)	239	215	482.1	485.1	491.2	484.8	476.9	482.8	.	474.4
Abu Dhabi, UAE	207	180	424.3	450.0	447.9	489.2	.	444.7	.	455.8
Dubai, UAE	267	245	515.4	507.2	519.3	544.5	526.5	485.5	.	497.7
Florida, US	110	78	503.0	514.8	484.0	491.9	491.2	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06P)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	794	9.5	36.1	39.5	11.8	3.0	8.4	0.0	1.5
Bahrain	201	194	32.9	47.8	16.8	0.6	1.8	1.0	0.0	3.2
Botswana	169	151	3.9	33.0	41.7	16.7	4.7	5.5	0.0	3.1
Canada	409	364	16.8	42.2	28.4	10.8	1.8	9.7	0.0	0.8
Chile	173	153	10.7	31.0	32.3	17.5	8.4	9.4	0.0	1.7
Chinese Taipei	216	215	16.5	52.2	27.6	3.3	0.3	0.0	0.0	0.3
Egypt	215	213	23.1	49.3	22.0	3.4	2.2	0.7	0.0	0.5
England	215	184	8.6	37.7	38.1	9.2	6.4	13.1	0.0	0.0
Georgia	188	188	37.2	54.7	8.1	0.0	0.0	0.0	0.0	0.0
Hong Kong SAR	175	164	0.9	53.2	40.3	5.7	0.0	1.8	0.0	5.5
Hungary	278	267	12.3	48.9	34.4	3.7	0.7	3.4	0.0	0.7
Iran, Islamic Rep. of	251	248	45.5	37.0	14.1	2.4	1.0	0.0	0.0	1.6
Ireland	526	482	13.3	43.2	32.5	9.9	1.1	6.7	0.0	1.0
Israel	603	542	26.7	50.7	17.2	3.1	2.3	6.2	0.0	1.4
Italy	230	207	11.9	47.7	36.4	2.4	1.6	5.2	0.0	4.0
Japan	231	229	5.1	45.9	39.6	8.5	0.8	0.3	0.0	0.2
Jordan	260	252	22.8	46.3	26.6	2.5	1.7	0.0	0.0	3.3
Kazakhstan	239	236	27.3	63.4	9.3	0.0	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	21.1	44.2	30.5	3.1	1.1	0.0	0.0	0.0
Kuwait	191	183	29.5	43.3	21.6	3.9	1.7	1.4	0.0	3.1
Lebanon	185	176	28.5	43.4	24.0	2.1	2.1	2.3	0.0	2.4
Lithuania	269	257	16.5	52.6	29.2	1.6	0.1	4.8	0.0	0.1
Malaysia	326	302	26.6	62.1	10.5	0.7	0.0	6.2	0.0	0.7
Malta	224	213	12.4	49.6	33.7	4.1	0.2	4.6	0.0	0.0
Morocco	373	357	8.3	35.6	37.7	15.3	3.2	2.3	0.0	1.4
New Zealand	489	450	11.6	41.4	33.8	11.0	2.1	3.7	0.0	3.5
Norway	239	219	7.7	44.1	36.9	11.4	0.0	7.1	0.0	0.0
Oman	356	352	31.7	42.4	20.7	4.8	0.4	0.0	0.0	1.3
Qatar	250	239	48.8	39.0	8.9	2.6	0.7	0.4	0.0	3.0
Russian Federation	226	223	15.0	63.6	20.2	1.3	0.0	0.0	0.0	1.5
Saudi Arabia	149	144	27.4	43.1	22.5	6.3	0.6	1.4	0.0	1.9
Singapore	334	329	8.9	46.2	39.0	5.3	0.6	1.7	0.0	0.3
Slovenia	467	439	21.4	47.3	25.9	4.1	1.3	5.2	0.0	0.3
South Africa	334	324	12.1	48.4	33.0	4.5	2.0	0.2	0.0	2.9
Sweden	206	199	6.7	29.6	36.9	21.9	4.9	1.8	0.0	0.5
Thailand	205	203	30.1	52.7	15.2	1.2	0.8	0.0	0.0	0.7
Turkey	220	219	20.7	45.4	28.0	5.1	0.9	0.0	0.0	0.7
United Arab Emirates	746	667	35.0	46.2	16.5	2.2	0.2	7.7	0.0	2.4
United States	429	370	13.1	39.7	35.6	9.5	2.2	13.6	0.0	0.2
International Avg. (39)	12055	11265	19.4	45.7	27.3	6.0	1.6	3.5	0.0	1.4
Buenos Aires, Argentina	138	61	13.5	43.1	42.9	0.5	0.0	57.3	0.0	0.0
Ontario, Canada	217	186	11.8	38.6	35.3	12.5	1.7	11.9	0.0	1.3
Quebec, Canada	175	161	29.3	42.9	18.5	6.9	2.3	7.9	0.0	0.0
Norway (8)	239	215	8.4	45.8	31.2	13.6	1.1	7.8	0.0	0.7
Abu Dhabi, UAE	207	179	30.4	47.8	20.5	1.3	0.0	11.4	0.0	1.5
Dubai, UAE	267	246	35.9	48.5	12.0	2.9	0.7	3.9	0.0	2.2
Florida, US	110	78	12.8	37.2	42.1	2.5	5.4	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG06P)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	794	502.1	516.6	505.7	497.0	482.1	477.1	.	504.5
Bahrain	201	194	451.3	451.1	465.4	524.4	475.8	452.8	.	439.9
Botswana	169	151	399.8	398.0	386.8	391.6	382.8	383.2	.	381.2
Canada	409	364	537.2	530.3	521.6	541.7	539.0	497.7	.	539.8
Chile	173	153	432.8	431.1	432.2	420.6	424.7	406.3	.	449.1
Chinese Taipei	216	215	620.7	598.3	589.7	591.2	545.3	.	.	563.7
Egypt	215	213	403.1	396.1	377.7	375.1	336.0	428.8	.	448.1
England	215	184	519.5	517.4	514.0	540.7	497.8	525.4	.	.
Georgia	188	188	449.2	456.6	448.5	.	.	.	.	.
Hong Kong SAR	175	164	523.5	605.8	586.3	537.7	.	615.8	.	603.1
Hungary	278	267	507.0	512.0	516.2	544.8	532.9	518.2	.	523.8
Iran, Islamic Rep. of	251	248	447.6	435.9	411.3	391.0	412.6	.	.	431.0
Ireland	526	482	522.7	524.1	526.1	505.1	547.8	530.7	.	523.6
Israel	603	542	521.8	506.5	494.0	559.5	562.6	516.4	.	457.3
Italy	230	207	498.5	496.8	491.2	491.1	481.2	493.9	.	491.2
Japan	231	229	577.3	586.5	586.2	599.2	534.4	571.1	.	553.0
Jordan	260	252	391.9	395.0	368.2	368.0	345.6	.	.	382.1
Kazakhstan	239	236	525.2	524.3	554.9	.	.	518.8	.	617.7
Korea, Rep. of	317	317	607.3	608.7	601.1	594.1	617.5	.	.	.
Kuwait	191	183	404.3	393.2	379.5	386.5	376.4	401.3	.	372.9
Lebanon	185	176	452.0	431.5	447.4	391.1	505.2	451.2	.	456.8
Lithuania	269	257	520.4	509.6	508.6	485.9	452.2	524.4	.	480.3
Malaysia	326	302	468.4	463.5	476.9	395.9	540.8	455.7	.	491.6
Malta	224	213	496.8	491.6	504.7	433.7	491.4	478.6	.	.
Morocco	373	357	405.5	383.2	381.9	377.8	391.0	384.9	.	412.2
New Zealand	489	450	503.8	488.2	495.8	500.0	429.6	472.4	.	516.2
Norway	239	219	507.0	511.9	513.7	514.7	.	499.3	.	.
Oman	356	352	407.9	401.4	400.9	390.8	361.7	.	.	438.1
Qatar	250	239	416.4	451.2	477.0	476.4	454.1	546.5	.	417.2
Russian Federation	226	223	542.6	541.9	517.9	533.5	.	.	.	600.8
Saudi Arabia	149	144	370.9	369.7	356.6	381.5	339.5	365.3	.	375.3
Singapore	334	329	627.4	623.1	613.1	637.4	576.1	681.7	.	564.3
Slovenia	467	439	520.0	516.7	513.8	522.4	496.5	510.2	.	526.4
South Africa	334	324	397.0	373.7	364.8	366.9	338.5	319.9	.	368.7
Sweden	206	199	493.0	503.3	498.6	504.7	490.6	510.0	.	501.9
Thailand	205	203	438.6	426.8	431.1	358.3	499.8	.	.	513.8
Turkey	220	219	473.2	451.8	462.1	425.8	431.9	.	.	461.6
United Arab Emirates	746	667	466.5	464.7	451.9	510.8	510.2	456.9	.	508.4
United States	429	370	517.0	516.3	520.7	518.4	527.9	516.7	.	583.0
International Avg. (39)	12055	11265	483.8	482.2	479.3	475.3	468.6	483.7	.	485.3
Buenos Aires, Argentina	138	61	441.4	375.6	388.4	411.8	.	400.5	.	.
Ontario, Canada	217	186	531.7	523.6	516.2	538.8	548.0	506.0	.	539.8
Quebec, Canada	175	161	543.5	552.5	549.8	559.8	526.9	474.1	.	.
Norway (8)	239	215	488.8	489.5	484.0	482.8	525.2	482.8	.	474.4
Abu Dhabi, UAE	207	179	430.7	447.6	431.8	499.7	.	444.7	.	522.3
Dubai, UAE	267	246	526.1	505.0	500.5	543.4	510.2	485.5	.	501.8
Florida, US	110	78	512.0	507.2	493.8	561.1	501.5	469.7	.	427.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? School leadership's support for teachers' professional development
Location: TQG-06q (BTBG06Q)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medium %	4.Low %	5.Very low %	Not Administered %	Not Applicable %	Omitted %
Australia	941	794	18.5	45.5	23.9	9.9	2.2	8.4	0.0	1.6
Bahrain	201	194	33.8	50.4	9.9	1.9	4.0	1.0	0.0	3.2
Botswana	169	151	3.2	28.5	39.9	19.4	9.0	5.5	0.0	3.1
Canada	409	364	28.1	42.2	24.2	4.6	0.9	9.7	0.0	0.8
Chile	173	152	10.6	31.4	34.3	18.8	4.9	9.4	0.0	2.4
Chinese Taipei	216	215	18.1	56.3	23.7	2.0	0.0	0.0	0.0	0.3
Egypt	215	213	20.9	40.2	31.5	5.5	1.9	0.7	0.0	0.5
England	215	184	16.7	43.5	30.8	7.5	1.6	13.1	0.0	0.0
Georgia	188	188	41.1	48.8	8.4	1.7	0.0	0.0	0.0	0.0
Hong Kong SAR	175	165	3.9	59.5	32.0	4.6	0.0	1.8	0.0	5.4
Hungary	278	266	17.6	52.5	24.6	5.1	0.2	3.4	0.0	0.9
Iran, Islamic Rep. of	251	248	48.3	30.6	15.2	4.6	1.3	0.0	0.0	1.6
Ireland	526	482	31.7	48.6	16.0	3.6	0.0	6.7	0.0	1.0
Israel	603	542	28.2	48.0	20.6	2.6	0.6	6.2	0.0	1.4
Italy	230	206	15.6	47.0	30.0	6.0	1.4	5.2	0.0	4.7
Japan	231	229	5.2	49.1	37.8	6.4	1.5	0.3	0.0	0.2
Jordan	260	252	18.9	41.5	32.6	6.1	0.9	0.0	0.0	3.3
Kazakhstan	239	236	34.2	61.8	4.0	0.0	0.0	0.4	0.0	0.5
Korea, Rep. of	317	317	21.9	47.2	25.8	4.2	0.9	0.0	0.0	0.0
Kuwait	191	184	26.9	49.6	18.3	2.9	2.3	1.4	0.0	2.3
Lebanon	185	176	31.1	39.0	23.7	4.1	2.1	2.3	0.0	2.4
Lithuania	269	257	23.3	55.9	19.1	1.7	0.0	4.8	0.0	0.5
Malaysia	326	301	34.7	55.4	9.1	0.7	0.0	6.2	0.0	0.9
Malta	224	213	19.5	51.6	26.0	2.2	0.6	4.6	0.0	0.0
Morocco	373	356	7.2	21.5	39.8	19.7	11.8	2.3	0.0	2.0
New Zealand	489	453	21.4	45.5	23.3	8.3	1.5	3.7	0.0	2.8
Norway	239	218	12.3	41.5	38.4	5.7	2.0	7.2	0.0	0.0
Oman	356	351	31.3	47.0	18.9	2.2	0.7	0.0	0.0	1.8
Qatar	250	238	49.8	35.5	11.1	3.2	0.4	0.4	0.0	3.3
Russian Federation	226	223	23.9	60.5	14.7	0.9	0.0	0.0	0.0	1.7
Saudi Arabia	149	145	33.6	33.7	23.3	8.4	1.0	0.6	0.0	1.9
Singapore	334	329	13.7	56.0	25.5	3.9	1.0	1.7	0.0	0.3
Slovenia	467	441	22.4	48.9	25.3	2.5	0.9	5.1	0.0	0.0
South Africa	334	323	18.0	44.4	29.7	7.0	0.9	0.2	0.0	2.9
Sweden	206	199	6.2	32.3	36.7	20.6	4.2	1.8	0.0	0.5
Thailand	205	204	28.4	55.0	14.6	1.2	0.8	0.0	0.0	0.6
Turkey	220	220	16.6	41.1	34.0	7.5	0.8	0.0	0.0	0.0
United Arab Emirates	746	670	41.4	41.2	14.7	2.5	0.3	7.7	0.0	2.0
United States	429	369	17.9	44.9	28.9	6.8	1.5	13.6	0.0	0.3
International Avg. (39)	12055	11268	23.0	45.5	24.1	5.8	1.6	3.5	0.0	1.5
Buenos Aires, Argentina	138	61	8.7	42.3	36.2	11.4	1.4	57.3	0.0	0.0
Ontario, Canada	217	186	27.4	40.3	25.2	6.2	0.9	11.9	0.0	1.3
Quebec, Canada	175	161	30.3	44.9	21.4	2.1	1.3	7.9	0.0	0.0
Norway (8)	239	215	15.9	40.0	34.2	9.1	0.7	7.8	0.0	0.7
Abu Dhabi, UAE	207	180	41.6	39.3	17.2	1.4	0.5	11.4	0.0	0.9
Dubai, UAE	267	247	43.9	41.1	12.0	2.5	0.5	3.9	0.0	2.2
Florida, US	110	78	19.0	47.3	23.3	6.4	3.9	24.8	0.0	1.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How would you characterize each of the following within your school? School leadership's support for teachers' professional development
Location: TQG-06q (BTBG06Q)

Country	Sample	Valid N	1.Very high Mean	2.High Mean	3.Medium Mean	4.Low Mean	5.Very low Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	794	512.9	513.8	499.6	497.0	468.3	477.2	.	503.7
Bahrain	201	194	450.8	452.0	468.1	519.9	451.1	452.8	.	439.9
Botswana	169	151	389.3	399.6	388.8	389.3	384.8	383.2	.	381.2
Canada	409	364	533.2	530.1	524.5	544.0	542.5	497.7	.	539.8
Chile	173	152	430.3	435.0	433.7	423.3	376.7	406.3	.	452.1
Chinese Taipei	216	215	616.6	598.2	588.5	598.2	.	.	.	563.7
Egypt	215	213	391.2	404.8	385.2	351.8	341.5	428.8	.	448.1
England	215	184	526.5	525.1	503.0	512.9	497.6	525.4	.	.
Georgia	188	188	454.9	451.0	458.8	447.8	.	.	.	.
Hong Kong SAR	175	165	601.2	595.4	594.0	553.3	.	615.8	.	604.2
Hungary	278	266	509.6	513.3	513.8	548.8	474.5	518.2	.	488.8
Iran, Islamic Rep. of	251	248	450.5	424.5	427.5	422.2	387.7	.	.	398.0
Ireland	526	482	530.6	520.2	525.9	480.3	.	530.7	.	523.6
Israel	603	542	527.9	503.2	508.4	509.5	499.8	516.4	.	457.3
Italy	230	206	503.8	497.2	488.9	480.4	482.2	493.9	.	492.1
Japan	231	229	568.4	586.5	588.5	593.7	571.0	571.1	.	553.0
Jordan	260	252	399.7	395.6	370.9	361.2	335.4	.	.	382.1
Kazakhstan	239	236	536.7	520.1	559.3	.	.	518.8	.	617.7
Korea, Rep. of	317	317	610.2	607.2	600.1	601.3	603.5	.	.	.
Kuwait	191	184	393.8	393.1	391.4	374.7	394.7	401.3	.	386.1
Lebanon	185	176	446.5	443.8	431.5	416.3	505.2	451.2	.	456.8
Lithuania	269	257	514.2	513.2	504.9	444.2	.	524.4	.	502.5
Malaysia	326	301	463.9	466.9	471.1	402.1	540.8	455.7	.	481.8
Malta	224	213	482.7	502.3	494.1	440.4	389.9	478.6	.	.
Morocco	373	356	395.9	387.0	382.9	379.3	382.1	384.9	.	405.7
New Zealand	489	453	505.0	491.8	492.0	472.2	484.5	472.4	.	512.0
Norway	239	218	517.9	509.8	513.3	511.2	525.0	499.2	.	.
Oman	356	351	410.3	400.8	393.2	420.2	380.9	.	.	432.3
Qatar	250	238	417.3	447.4	485.2	472.6	430.5	546.5	.	414.3
Russian Federation	226	223	532.7	544.7	510.4	550.7	.	.	.	600.4
Saudi Arabia	149	145	377.6	368.3	352.0	362.6	361.8	448.5	.	375.3
Singapore	334	329	625.3	622.4	612.0	617.9	636.3	681.7	.	564.3
Slovenia	467	441	519.2	517.3	513.3	523.8	486.4	511.9	.	.
South Africa	334	323	406.5	367.4	362.9	364.8	332.0	319.9	.	368.7
Sweden	206	199	497.6	500.4	495.7	507.4	514.9	510.0	.	501.9
Thailand	205	204	435.1	428.0	433.3	398.4	503.3	.	.	487.2
Turkey	220	220	472.7	456.6	452.7	465.6	333.5	.	.	.
United Arab Emirates	746	670	464.6	464.9	454.0	519.6	500.8	456.9	.	501.9
United States	429	369	512.3	523.4	515.6	519.2	494.1	516.7	.	549.8
International Avg. (39)	12055	11268	485.5	482.6	479.2	473.6	456.7	486.5	.	480.8
Buenos Aires, Argentina	138	61	441.1	366.7	392.7	421.0	469.6	400.5	.	.
Ontario, Canada	217	186	528.9	523.0	515.2	545.8	546.3	506.0	.	539.8
Quebec, Canada	175	161	547.5	549.7	551.5	551.5	537.9	474.1	.	.
Norway (8)	239	215	489.2	488.0	485.6	487.0	476.0	482.8	.	474.4
Abu Dhabi, UAE	207	180	429.5	453.1	434.7	521.5	460.6	444.7	.	455.8
Dubai, UAE	267	247	519.4	504.4	505.0	575.2	551.3	485.5	.	505.5
Florida, US	110	78	504.5	513.9	478.3	506.2	511.0	469.7	.	427.8

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 (BTBG07A)

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	941	793	74.2	19.9	5.3	0.7	8.4	0.0	0.7	516.9	490.2	451.2	434.3	477.1	.	499.2
Bahrain	201	199	76.9	19.9	3.2	0.0	1.0	0.0	0.4	456.4	445.4	451.2	.	452.8	.	437.6
Botswana	169	155	26.7	35.5	22.8	15.0	5.5	0.0	0.3	396.7	389.8	390.6	386.4	383.2	.	384.6
Canada	409	364	69.5	23.9	5.3	1.3	9.7	0.0	0.9	534.4	523.3	521.1	475.3	497.7	.	552.2
Chile	173	153	48.5	27.3	13.4	10.8	9.4	0.0	1.4	444.7	421.4	393.0	428.1	406.3	.	427.2
Chinese Taipei	216	216	44.7	49.8	5.4	0.0	0.0	0.0	0.0	610.9	592.7	560.4	.	.	.	.
Egypt	215	213	67.4	25.9	4.5	2.3	0.7	0.0	0.3	395.5	388.7	369.2	364.6	428.8	.	436.8
England	215	182	65.7	24.9	8.3	1.1	13.1	0.0	0.9	530.8	496.9	470.7	486.0	525.4	.	545.8
Georgia	188	187	52.6	40.5	5.2	1.7	0.0	0.0	0.4	461.8	444.5	442.4	414.8	.	.	504.2
Hong Kong SAR	175	173	78.7	17.7	3.6	0.0	1.8	0.0	0.0	601.2	577.7	512.5	.	615.8	.	.
Hungary	278	268	72.9	23.6	3.5	0.0	3.4	0.0	0.4	517.5	500.4	541.2	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	61.4	27.0	6.2	5.4	0.0	0.0	0.0	445.0	430.0	412.2	397.4	.	.	.
Ireland	526	485	80.7	10.7	7.4	1.2	6.7	0.0	0.3	532.9	503.2	453.1	453.0	530.7	.	561.2
Israel	603	543	76.4	17.5	5.8	0.4	6.2	0.0	1.3	519.9	491.1	456.7	498.2	516.4	.	465.6
Italy	230	212	31.0	59.9	7.2	1.9	4.6	0.0	1.7	504.9	491.6	468.2	429.7	512.6	.	529.9
Japan	231	230	28.1	59.8	10.7	1.4	0.3	0.0	0.0	590.4	588.2	568.7	574.1	571.1	.	.
Jordan	260	257	52.3	33.8	7.3	6.6	0.0	0.0	1.3	398.5	377.6	369.2	347.1	.	.	358.2
Kazakhstan	239	238	67.4	31.0	1.0	0.5	0.4	0.0	0.0	533.3	515.6	562.4	477.2	518.8	.	.
Korea, Rep. of	317	317	41.6	54.1	4.1	0.2	0.0	0.0	0.0	611.7	602.8	584.8	575.9	.	.	.
Kuwait	191	188	87.1	11.1	1.2	0.6	1.4	0.0	0.6	391.9	395.4	394.3	312.4	401.3	.	467.8
Lebanon	185	175	65.0	28.2	3.8	3.0	2.3	0.0	3.3	448.2	431.6	427.1	459.9	451.2	.	418.1
Lithuania	269	257	68.2	31.3	0.5	0.1	4.8	0.0	0.7	508.8	514.7	492.9	419.6	524.4	.	526.6
Malaysia	326	305	46.9	50.5	1.8	0.8	6.2	0.0	0.0	477.5	454.7	490.5	443.0	455.7	.	.
Malta	224	213	72.7	19.7	7.0	0.6	4.6	0.0	0.0	496.0	497.1	469.4	478.6	478.6	.	.
Morocco	373	361	39.6	38.9	13.4	8.0	2.3	0.0	0.6	390.3	382.9	382.2	365.4	384.9	.	393.5
New Zealand	489	455	72.5	20.8	6.2	0.5	3.7	0.0	2.4	503.8	467.6	459.6	444.2	472.4	.	502.5
Norway	239	219	88.2	11.2	0.7	0.0	7.1	0.0	0.0	514.0	500.0	516.7	.	499.3	.	.
Oman	356	355	81.8	15.1	2.2	0.9	0.0	0.0	0.0	403.0	402.3	406.4	423.9	.	.	352.9
Qatar	250	246	88.1	11.4	0.4	0.1	0.4	0.0	0.9	437.7	421.6	528.6	372.3	546.5	.	488.6
Russian Federation	226	224	63.0	31.3	5.3	0.3	0.0	0.0	1.1	540.1	534.6	532.6	587.5	.	.	520.8
Saudi Arabia	149	146	73.1	18.2	4.9	3.8	0.6	0.0	1.1	370.3	364.7	345.1	340.7	448.5	.	398.0
Singapore	334	330	79.7	17.5	2.8	0.0	1.7	0.0	0.0	625.8	599.3	581.3	.	681.7	.	.
Slovenia	467	441	41.5	55.6	2.9	0.0	5.1	0.0	0.0	518.4	516.9	484.4	.	511.9	.	.
South Africa	334	331	39.1	32.0	20.2	8.7	0.2	0.0	0.0	389.9	369.0	353.9	350.2	319.9	.	.
Sweden	206	200	58.8	33.0	6.8	1.5	1.8	0.0	0.9	507.8	497.2	463.8	460.3	510.0	.	489.8
Thailand	205	205	60.9	30.9	7.2	0.9	0.0	0.0	0.0	438.7	420.7	416.7	428.8	.	.	.
Turkey	220	220	43.6	30.1	15.7	10.6	0.0	0.0	0.0	479.4	454.2	427.9	422.0	.	.	.
United Arab Emirates	746	679	85.3	14.0	0.5	0.2	7.7	0.0	0.6	470.6	440.3	406.9	345.4	457.1	.	402.3
United States	429	370	68.1	19.9	9.6	2.4	13.6	0.0	0.2	531.0	497.5	494.2	429.8	516.7	.	583.0
International Avg. (39)	12055	11356	62.6	28.8	6.2	2.4	3.4	0.0	0.6	488.4	472.7	462.9	432.1	487.2	.	470.6
Buenos Aires, Argentina	138	60	41.7	41.9	12.0	4.4	57.3	0.0	0.3	386.7	397.2	377.2	381.2	400.5	.	471.1
Ontario, Canada	217	186	70.3	21.7	5.7	2.3	11.9	0.0	1.4	529.4	511.2	526.9	475.3	506.0	.	552.2
Quebec, Canada	175	161	66.4	29.9	3.8	0.0	7.9	0.0	0.0	555.5	538.3	528.1	.	474.1	.	.
Norway (8)	239	216	86.0	10.8	2.7	0.4	7.8	0.0	0.4	490.2	467.8	468.7	467.8	482.8	.	481.9
Abu Dhabi, UAE	207	181	79.8	19.1	1.0	0.0	11.4	0.0	1.2	448.6	414.9	424.6	.	444.7	.	396.5
Dubai, UAE	267	251	92.3	7.7	0.0	0.0	3.8	0.0	0.4	516.2	477.6	.	.	487.9	.	397.8
Florida, US	110	78	59.9	19.8	17.1	3.2	24.8	0.0	1.1	513.3	483.4	482.9	464.1	469.7	.	550.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. I feel safe at this school
Location: TQG-07b (BTBG07B)

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	941	795	80.8	16.6	2.5	0.1	8.4	0.0	0.7	516.0	475.6	451.1	376.4	477.0	.	502.0
Bahrain	201	199	80.9	17.5	1.6	0.0	1.0	0.0	0.4	457.4	439.4	445.0	.	452.8	.	437.6
Botswana	169	155	25.2	36.7	23.3	14.8	5.5	0.0	0.3	400.8	387.3	390.3	386.6	383.2	.	384.6
Canada	409	364	83.5	15.4	1.1	0.0	9.7	0.0	1.1	531.7	526.6	494.1	.	497.7	.	529.6
Chile	173	153	64.1	26.6	6.9	2.4	9.4	0.0	1.4	439.7	413.8	380.5	477.2	406.3	.	427.2
Chinese Taipei	216	216	59.5	38.6	1.6	0.3	0.0	0.0	0.0	608.2	587.3	562.0	527.7	.	.	.
Egypt	215	210	71.8	25.6	1.2	1.4	0.7	0.0	1.4	397.4	380.5	372.5	347.6	428.8	.	386.8
England	215	182	87.4	11.5	0.8	0.3	13.1	0.0	0.9	520.9	491.7	450.3	467.4	525.4	.	545.8
Georgia	188	188	65.6	32.8	1.1	0.5	0.0	0.0	0.0	455.1	450.7	435.6	407.9	.	.	.
Hong Kong SAR	175	173	85.3	12.9	1.6	0.2	1.8	0.0	0.0	593.9	591.4	630.0	451.3	615.8	.	.
Hungary	278	268	73.8	24.4	1.6	0.2	3.4	0.0	0.4	521.9	495.3	472.8	377.9	518.2	.	518.0
Iran, Islamic Rep. of	251	250	74.6	20.5	4.0	0.9	0.0	0.0	0.3	443.6	417.2	404.5	406.8	.	.	455.7
Ireland	526	485	87.8	9.2	2.8	0.2	6.7	0.0	0.3	527.4	488.5	494.1	528.0	530.7	.	561.2
Israel	603	544	84.8	13.4	1.6	0.1	6.2	0.0	1.2	517.4	480.9	437.3	479.7	516.4	.	464.3
Italy	230	213	35.4	56.1	7.2	1.3	4.6	0.0	0.7	505.4	487.8	472.6	515.1	512.6	.	521.8
Japan	231	230	35.8	52.7	10.5	1.0	0.3	0.0	0.0	595.7	583.2	577.3	532.0	571.1	.	.
Jordan	260	254	61.7	29.0	7.3	2.1	0.0	0.0	2.8	396.2	375.1	367.2	308.0	.	.	363.2
Kazakhstan	239	238	70.5	28.2	1.4	0.0	0.4	0.0	0.0	528.1	528.1	511.5	.	518.8	.	.
Korea, Rep. of	317	317	41.1	56.5	2.2	0.2	0.0	0.0	0.0	610.2	603.0	596.6	575.9	.	.	.
Kuwait	191	188	88.1	10.2	1.2	0.6	1.4	0.0	0.6	394.1	384.2	333.8	312.4	401.3	.	467.8
Lebanon	185	177	77.4	19.3	3.3	0.0	2.3	0.0	1.1	446.8	426.0	426.2	.	451.2	.	448.0
Lithuania	269	257	65.6	30.4	3.1	0.9	4.8	0.0	0.7	510.3	511.1	493.5	566.5	524.4	.	526.6
Malaysia	326	305	56.6	42.2	0.5	0.8	6.2	0.0	0.0	472.7	457.3	469.3	443.0	455.7	.	.
Malta	224	213	72.7	23.2	3.2	0.9	4.6	0.0	0.0	502.6	478.8	453.9	357.0	478.6	.	.
Morocco	373	360	44.2	41.8	8.9	5.0	2.3	0.0	0.8	392.8	380.7	373.4	360.1	384.9	.	391.4
New Zealand	489	455	81.5	15.4	3.0	0.1	3.7	0.0	2.4	498.1	471.4	473.3	523.1	472.4	.	502.5
Norway	239	219	96.8	3.2	0.0	0.0	7.1	0.0	0.0	512.3	518.0	.	.	499.3	.	.
Oman	356	355	81.9	16.0	0.9	1.2	0.0	0.0	0.0	403.3	405.0	342.8	414.8	.	.	352.9
Qatar	250	246	89.0	8.0	1.5	1.5	0.4	0.0	0.9	438.5	417.2	417.8	418.8	546.5	.	488.6
Russian Federation	226	226	76.5	22.3	1.2	0.0	0.0	0.0	0.0	543.5	520.4	516.4	.	.	.	.
Saudi Arabia	149	146	71.7	20.5	6.9	0.9	0.6	0.0	1.1	372.3	350.2	372.9	272.4	448.5	.	398.0
Singapore	334	330	80.2	17.6	1.8	0.3	1.7	0.0	0.0	623.7	609.2	558.8	623.3	681.7	.	.
Slovenia	467	441	49.1	48.1	2.6	0.2	5.1	0.0	0.0	517.4	515.8	515.6	498.0	511.9	.	.
South Africa	334	329	43.8	35.2	11.7	9.3	0.2	0.0	0.7	398.4	357.5	347.7	343.1	319.9	.	307.1
Sweden	206	200	81.2	17.0	1.2	0.6	1.8	0.0	0.9	503.3	490.9	458.0	509.9	510.0	.	489.8
Thailand	205	205	59.4	36.8	3.3	0.5	0.0	0.0	0.0	439.6	417.2	445.9	412.0	.	.	.
Turkey	220	220	51.9	30.8	13.1	4.2	0.0	0.0	0.0	473.4	452.7	411.2	443.1	.	.	.
United Arab Emirates	746	678	87.8	11.5	0.6	0.0	7.7	0.0	0.9	470.0	439.6	416.9	.	457.1	.	389.5
United States	429	369	77.3	18.2	4.5	0.0	13.6	0.0	0.4	526.4	497.0	464.3	.	516.7	.	589.5
International Avg. (39)	12055	11353	69.3	25.4	3.9	1.4	3.4	0.0	0.6	487.3	469.3	453.6	440.7	487.2	.	458.0
Buenos Aires, Argentina	138	60	86.0	14.0	0.0	0.0	57.3	0.0	0.3	390.8	383.0	.	.	400.5	.	471.1
Ontario, Canada	217	186	84.8	14.1	1.1	0.0	11.9	0.0	1.7	527.7	505.7	509.5	.	506.0	.	529.6
Quebec, Canada	175	161	78.5	20.0	1.5	0.0	7.9	0.0	0.0	549.5	554.1	475.1	.	474.1	.	.
Norway (8)	239	216	94.8	3.7	1.5	0.0	7.8	0.0	0.4	488.3	465.7	463.5	.	482.8	.	481.9
Abu Dhabi, UAE	207	180	85.5	14.2	0.3	0.0	11.4	0.0	1.8	448.2	407.2	427.5	.	444.7	.	388.3
Dubai, UAE	267	251	91.2	8.4	0.4	0.0	3.8	0.0	0.4	516.1	483.5	503.7	.	487.9	.	397.8
Florida, US	110	78	71.9	24.9	1.9	1.3	24.8	0.0	1.1	510.8	475.7	421.4	524.6	469.7	.	550.1

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG07C)

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	941	794	69.5	26.4	3.6	0.5	8.4	0.0	1.0	515.8	492.0	462.1	492.2	477.0	.	512.5
Bahrain	201	198	68.4	29.4	0.5	1.7	1.0	0.0	0.9	457.7	444.4	414.2	472.9	452.8	.	464.4
Botswana	169	154	11.1	39.8	32.8	16.3	5.5	0.0	1.1	407.0	394.9	383.6	388.2	383.2	.	379.2
Canada	409	365	64.7	30.4	4.9	0.0	9.7	0.0	0.7	529.4	529.4	547.9	.	497.7	.	548.7
Chile	173	154	46.7	40.5	11.1	1.7	9.4	0.0	0.7	444.1	418.6	406.0	430.8	406.3	.	467.6
Chinese Taipei	216	216	43.4	51.7	4.8	0.0	0.0	0.0	0.0	608.3	590.6	607.2	.	.	.	.
Egypt	215	212	55.8	36.9	4.8	2.5	0.7	0.0	0.5	401.4	382.9	358.0	382.0	428.8	.	386.5
England	215	182	70.6	25.5	2.4	1.5	13.1	0.0	0.9	518.0	515.4	516.5	488.7	525.4	.	545.8
Georgia	188	188	56.9	41.5	1.6	0.0	0.0	0.0	0.0	460.5	445.6	392.1	.	.	.	.
Hong Kong SAR	175	173	67.6	30.9	1.3	0.2	1.8	0.0	0.0	597.5	587.6	578.2	451.3	615.8	.	.
Hungary	278	267	53.5	42.6	3.9	0.0	3.4	0.0	0.6	524.7	502.6	507.0	.	518.2	.	468.5
Iran, Islamic Rep. of	251	247	66.1	28.0	4.6	1.3	0.0	0.0	1.4	449.3	416.3	404.2	369.7	.	.	393.8
Ireland	526	485	66.5	22.7	9.0	1.8	6.7	0.0	0.3	527.9	514.2	508.0	520.9	530.7	.	561.2
Israel	603	543	70.2	21.8	5.5	2.5	6.2	0.0	1.5	520.5	495.8	489.1	435.4	516.4	.	465.3
Italy	230	213	23.1	66.8	10.1	0.0	4.6	0.0	1.0	504.1	492.5	475.3	.	512.6	.	505.6
Japan	231	230	15.9	64.5	18.8	0.8	0.3	0.0	0.0	591.9	586.7	579.9	621.3	571.1	.	.
Jordan	260	257	43.9	41.7	12.3	2.2	0.0	0.0	1.3	397.5	379.1	370.7	368.0	.	.	358.2
Kazakhstan	239	238	59.0	41.0	0.0	0.0	0.4	0.0	0.0	527.3	528.4	704.3	.	518.8	.	.
Korea, Rep. of	317	317	37.5	55.7	6.5	0.2	0.0	0.0	0.0	611.1	603.7	593.5	575.9	.	.	.
Kuwait	191	187	70.2	27.4	1.8	0.6	1.4	0.0	1.2	398.7	374.6	372.3	331.9	401.3	.	478.2
Lebanon	185	178	60.0	28.6	9.9	1.5	2.3	0.0	1.1	448.9	433.5	419.6	484.8	451.2	.	451.7
Lithuania	269	257	57.7	36.3	5.9	0.1	4.8	0.0	0.7	508.6	513.9	510.0	452.2	524.4	.	526.6
Malaysia	326	304	39.4	57.1	2.6	0.9	6.2	0.0	0.5	475.8	462.0	410.5	484.0	455.7	.	401.8
Malta	224	213	52.0	32.5	12.6	2.9	4.6	0.0	0.0	500.2	493.3	477.2	473.1	478.6	.	.
Morocco	373	358	27.4	41.0	24.2	7.4	2.3	0.0	1.5	400.0	379.9	379.7	363.9	384.9	.	396.6
New Zealand	489	450	68.0	24.6	7.2	0.3	3.7	0.0	3.5	497.7	479.2	499.7	555.3	472.4	.	494.6
Norway	239	219	72.6	25.7	1.7	0.0	7.1	0.0	0.0	514.4	507.3	510.2	.	499.3	.	.
Oman	356	355	63.2	32.6	3.0	1.2	0.0	0.0	0.0	410.5	392.3	398.4	324.5	.	.	352.9
Qatar	250	246	80.8	15.7	3.0	0.5	0.4	0.0	0.9	433.8	435.7	505.7	422.1	546.5	.	488.6
Russian Federation	226	225	74.1	24.8	1.1	0.0	0.0	0.0	0.3	542.9	525.3	503.4	.	.	.	498.2
Saudi Arabia	149	144	58.0	29.5	10.4	2.2	0.6	0.0	4.0	377.1	351.5	361.0	326.1	448.5	.	378.6
Singapore	334	330	72.0	26.4	1.6	0.0	1.7	0.0	0.0	622.6	615.0	580.4	.	681.7	.	.
Slovenia	467	441	27.6	62.2	9.3	0.8	5.1	0.0	0.0	523.0	514.1	513.4	526.2	511.9	.	.
South Africa	334	329	29.5	40.9	20.2	9.4	0.2	0.0	0.4	414.8	361.4	349.1	338.1	319.9	.	358.8
Sweden	206	199	52.6	39.9	5.7	1.8	1.8	0.0	1.2	502.7	500.5	492.4	477.3	510.0	.	481.5
Thailand	205	204	52.7	39.8	5.3	2.2	0.0	0.0	0.5	438.8	420.6	434.8	394.8	.	.	643.5
Turkey	220	220	33.7	39.4	18.1	8.8	0.0	0.0	0.0	475.4	464.1	434.2	408.7	.	.	.
United Arab Emirates	746	676	77.4	21.1	1.5	0.0	7.8	0.0	0.9	470.8	447.1	466.2	.	456.2	.	442.4
United States	429	369	58.7	28.6	9.7	3.0	13.6	0.0	0.4	531.7	503.0	494.0	478.1	516.7	.	589.5
International Avg. (39)	12055	11337	54.3	36.2	7.5	2.0	3.5	0.0	0.7	489.3	474.2	472.1	442.7	487.1	.	465.7
Buenos Aires, Argentina	138	60	67.0	25.8	7.3	0.0	57.3	0.0	0.3	392.1	394.5	351.0	.	400.5	.	471.1
Ontario, Canada	217	187	66.2	29.8	4.0	0.0	11.9	0.0	1.2	524.4	518.9	558.9	.	506.0	.	548.7
Quebec, Canada	175	161	56.4	35.9	7.7	0.0	7.9	0.0	0.0	551.6	548.2	537.6	.	474.1	.	.
Norway (8)	239	215	66.4	27.1	6.5	0.0	7.9	0.0	0.4	489.9	479.6	490.4	.	482.8	.	481.9
Abu Dhabi, UAE	207	181	73.3	24.9	1.8	0.0	11.4	0.0	1.1	442.1	436.9	494.4	.	444.7	.	406.4
Dubai, UAE	267	249	82.1	17.1	0.8	0.0	3.8	0.0	1.4	520.8	475.1	531.8	.	487.9	.	494.3
Florida, US	110	78	46.6	42.5	5.5	5.4	24.8	0.0	1.1	498.7	513.5	459.7	456.7	469.7	.	550.1

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG07D)

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	941	795	49.8	37.4	10.7	2.2	8.4	0.0	0.8	529.8	494.2	462.8	447.1	477.0	.	503.7
Bahrain	201	198	19.3	55.1	21.5	4.1	1.0	0.0	1.3	478.8	452.8	436.6	449.1	452.8	.	438.1
Botswana	169	155	12.3	29.9	31.0	26.8	5.5	0.0	0.3	413.3	392.4	390.5	380.9	383.2	.	384.6
Canada	409	365	40.8	44.0	13.5	1.7	9.7	0.0	0.7	533.3	533.2	514.8	509.9	497.7	.	548.7
Chile	173	153	34.6	34.0	25.2	6.2	9.4	0.0	0.9	460.7	426.9	400.6	386.0	406.3	.	448.8
Chinese Taipei	216	216	20.1	64.7	13.3	2.0	0.0	0.0	0.0	611.0	601.7	572.2	573.8	.	.	.
Egypt	215	211	22.2	56.7	18.1	3.0	0.7	0.0	1.2	412.4	387.4	384.6	365.2	428.8	.	405.6
England	215	181	38.5	47.4	10.8	3.3	13.1	0.0	1.7	534.0	509.0	500.9	491.5	525.4	.	515.9
Georgia	188	187	29.5	54.9	15.3	0.4	0.0	0.0	0.4	457.5	455.2	435.1	506.3	.	.	504.2
Hong Kong SAR	175	173	37.8	50.6	11.4	0.2	1.8	0.0	0.0	610.8	590.7	554.6	451.3	615.8	.	.
Hungary	278	268	19.8	60.4	18.8	0.9	3.4	0.0	0.4	548.5	520.3	460.6	475.6	518.2	.	518.0
Iran, Islamic Rep. of	251	250	36.4	41.9	16.9	4.8	0.0	0.0	0.6	450.1	436.0	413.0	406.4	.	.	525.1
Ireland	526	484	66.8	23.5	7.2	2.5	6.7	0.0	0.4	537.1	510.8	465.4	421.2	530.7	.	547.9
Israel	603	544	36.7	42.3	17.4	3.6	6.2	0.0	1.2	534.5	498.0	493.9	510.6	516.4	.	464.3
Italy	230	213	7.6	66.2	26.1	0.0	4.6	0.0	1.6	520.0	495.0	480.5	483.0	512.6	.	519.4
Japan	231	230	13.6	70.2	15.4	0.8	0.3	0.0	0.0	593.5	588.3	573.3	565.3	571.1	.	.
Jordan	260	255	15.8	61.6	15.6	6.9	0.0	0.0	2.3	394.4	389.9	380.1	351.7	.	.	348.2
Kazakhstan	239	237	47.2	50.6	2.1	0.0	0.4	0.0	0.8	532.4	525.0	486.2	.	518.8	.	554.2
Korea, Rep. of	317	317	21.3	57.6	20.2	0.8	0.0	0.0	0.0	615.3	605.3	595.3	646.9	.	.	.
Kuwait	191	187	14.2	65.6	15.7	4.5	1.4	0.0	1.2	432.7	389.3	378.9	346.2	401.3	.	432.7
Lebanon	185	175	40.2	52.4	7.2	0.3	2.3	0.0	2.7	435.7	449.7	412.4	450.3	451.2	.	470.7
Lithuania	269	257	15.9	74.0	9.4	0.6	4.8	0.0	0.7	524.8	510.2	493.3	454.4	524.4	.	526.6
Malaysia	326	305	20.6	65.1	14.3	0.0	6.2	0.0	0.0	501.7	456.4	458.0	.	455.7	.	.
Malta	224	213	36.1	44.7	13.1	6.2	4.6	0.0	0.0	519.7	493.4	460.5	423.5	478.6	.	.
Morocco	373	359	16.1	42.7	27.7	13.5	2.3	0.0	1.2	398.1	385.8	379.1	373.6	384.9	.	392.1
New Zealand	489	454	44.0	41.6	12.1	2.3	3.7	0.0	2.6	510.0	483.3	482.8	407.6	472.4	.	502.8
Norway	239	219	59.2	37.8	3.1	0.0	7.1	0.0	0.0	517.4	506.7	488.1	.	499.3	.	.
Oman	356	355	25.4	50.9	20.3	3.4	0.0	0.0	0.0	428.0	398.8	386.2	383.5	.	.	352.9
Qatar	250	246	42.3	43.5	11.5	2.8	0.4	0.0	0.9	462.8	413.7	427.3	418.8	546.5	.	488.6
Russian Federation	226	226	30.5	63.2	6.2	0.2	0.0	0.0	0.0	549.9	535.6	501.6	603.9	.	.	.
Saudi Arabia	149	146	31.9	48.1	14.8	5.2	0.6	0.0	1.1	391.1	356.5	355.0	348.9	448.5	.	398.0
Singapore	334	330	45.1	43.7	10.0	1.3	1.7	0.0	0.0	632.5	616.3	579.7	613.9	681.7	.	.
Slovenia	467	441	6.5	68.9	23.6	1.0	5.1	0.0	0.0	530.4	516.1	514.2	515.7	511.9	.	.
South Africa	334	330	19.0	42.0	25.6	13.4	0.2	0.0	0.7	398.8	365.8	376.5	348.5	319.9	.	368.0
Sweden	206	200	22.9	67.5	8.4	1.2	1.8	0.0	0.9	515.1	498.3	481.2	494.3	510.0	.	489.8
Thailand	205	201	20.5	54.5	21.7	3.3	0.0	0.0	1.4	435.1	437.0	409.3	453.4	.	.	449.1
Turkey	220	220	9.5	59.6	24.1	6.8	0.0	0.0	0.0	483.7	464.8	444.4	405.7	.	.	.
United Arab Emirates	746	680	36.1	52.7	10.2	1.0	7.7	0.0	0.4	498.1	451.7	424.2	463.8	457.1	.	385.6
United States	429	369	34.8	42.3	17.4	5.5	13.6	0.0	0.4	544.5	516.4	487.4	464.1	516.7	.	589.5
International Avg. (39)	12055	11345	29.2	51.5	15.6	3.7	3.4	0.0	0.7	499.4	478.4	460.0	455.3	487.2	.	466.9
Buenos Aires, Argentina	138	61	67.0	22.8	10.2	0.0	57.3	0.0	0.0	397.8	383.5	355.4	.	400.5	.	.
Ontario, Canada	217	187	43.9	37.3	16.3	2.5	11.9	0.0	1.2	530.3	523.7	510.7	511.7	506.0	.	548.7
Quebec, Canada	175	161	29.6	59.6	10.4	0.3	7.9	0.0	0.0	558.3	549.2	526.8	470.0	474.1	.	.
Norway (8)	239	215	55.0	41.0	3.3	0.7	7.8	0.0	0.7	493.5	481.4	456.4	477.1	482.8	.	477.8
Abu Dhabi, UAE	207	182	25.3	57.2	16.8	0.8	11.4	0.0	0.8	475.4	434.6	415.3	449.1	444.7	.	383.0
Dubai, UAE	267	251	57.6	34.9	7.3	0.2	3.8	0.0	0.4	530.9	494.5	465.4	461.5	487.9	.	397.8
Florida, US	110	77	27.6	38.9	23.4	10.1	24.8	0.0	1.5	530.4	499.6	482.7	458.7	469.7	.	559.4

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 (BTBG07E)

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	941	795	45.3	38.7	12.0	4.1	8.4	0.0	0.8	528.2	498.8	475.7	454.4	477.0	.	503.4
Bahrain	201	199	25.5	51.5	18.4	4.5	1.0	0.0	0.4	461.4	454.8	446.1	435.6	452.8	.	437.6
Botswana	169	155	18.1	43.5	21.4	17.0	5.5	0.0	0.3	416.6	385.3	386.5	385.8	383.2	.	384.6
Canada	409	365	44.7	43.6	11.0	0.7	9.7	0.0	0.7	532.9	532.5	513.4	496.3	497.7	.	548.7
Chile	173	154	41.0	36.0	18.8	4.2	9.4	0.0	0.7	454.2	422.9	401.2	367.4	406.3	.	467.6
Chinese Taipei	216	216	20.8	65.2	12.6	1.4	0.0	0.0	0.0	619.5	597.3	578.9	559.2	.	.	.
Egypt	215	211	45.5	47.6	4.3	2.6	0.7	0.0	1.1	406.6	381.6	357.8	362.7	428.8	.	437.1
England	215	182	35.4	48.3	13.6	2.7	13.1	0.0	0.9	538.5	508.7	492.3	503.8	525.4	.	545.8
Georgia	188	186	35.7	56.7	7.3	0.3	0.0	0.0	0.8	461.3	452.7	416.8	377.5	.	.	488.2
Hong Kong SAR	175	173	36.8	55.9	7.1	0.2	1.8	0.0	0.0	613.9	588.3	538.3	451.3	615.8	.	.
Hungary	278	268	18.5	61.0	17.3	3.1	3.4	0.0	0.4	549.3	519.3	473.1	437.1	518.2	.	518.0
Iran, Islamic Rep. of	251	251	45.9	39.8	9.6	4.7	0.0	0.0	0.0	446.7	430.1	422.4	417.2	.	.	.
Ireland	526	484	62.1	28.0	7.8	2.2	6.7	0.0	0.4	536.1	518.4	463.0	418.0	530.7	.	547.9
Israel	603	543	42.8	44.5	10.2	2.5	6.2	0.0	1.3	529.4	498.0	488.8	528.7	516.4	.	458.5
Italy	230	214	8.5	73.4	17.2	0.8	4.6	0.0	0.6	523.0	494.1	474.9	501.0	512.6	.	522.7
Japan	231	230	2.6	59.3	36.1	2.0	0.3	0.0	0.0	593.7	593.6	574.5	584.0	571.1	.	.
Jordan	260	257	37.1	49.8	11.0	2.1	0.0	0.0	1.3	392.9	385.4	367.7	368.9	.	.	358.2
Kazakhstan	239	238	58.1	40.7	1.2	0.0	0.4	0.0	0.0	531.0	525.7	451.7	.	518.8	.	.
Korea, Rep. of	317	317	18.1	67.6	13.8	0.5	0.0	0.0	0.0	614.2	604.8	598.2	634.0	.	.	.
Kuwait	191	187	24.4	58.4	13.2	4.0	1.4	0.0	1.2	405.3	391.7	373.8	369.5	401.3	.	441.8
Lebanon	185	177	60.5	29.8	9.7	0.0	2.3	0.0	1.4	442.4	452.8	405.7	.	451.2	.	461.0
Lithuania	269	257	18.9	69.3	10.7	1.1	4.8	0.0	0.7	516.6	510.9	500.8	475.4	524.4	.	526.6
Malaysia	326	305	23.6	62.4	13.7	0.3	6.2	0.0	0.0	489.0	458.7	459.9	441.9	455.7	.	.
Malta	224	213	36.8	43.5	15.1	4.5	4.6	0.0	0.0	512.0	497.1	469.5	405.8	478.6	.	.
Morocco	373	361	24.0	48.5	23.6	3.9	2.3	0.0	0.5	394.6	384.3	377.6	361.8	384.9	.	405.5
New Zealand	489	454	40.1	41.7	17.0	1.2	3.7	0.0	2.6	511.8	479.8	479.1	540.0	472.4	.	502.8
Norway	239	219	47.9	49.1	3.0	0.0	7.1	0.0	0.0	519.3	507.2	490.3	.	499.3	.	.
Oman	356	354	35.6	47.4	14.7	2.3	0.0	0.0	0.2	418.8	394.2	393.3	404.4	.	.	435.7
Qatar	250	246	52.9	39.5	5.1	2.4	0.4	0.0	0.9	450.0	421.2	427.9	395.6	546.5	.	488.6
Russian Federation	226	226	36.3	60.4	3.1	0.2	0.0	0.0	0.0	551.4	531.5	505.0	603.9	.	.	.
Saudi Arabia	149	145	39.9	43.4	14.1	2.7	0.6	0.0	1.8	379.0	358.6	364.2	356.1	448.5	.	354.4
Singapore	334	330	44.2	43.1	11.4	1.3	1.7	0.0	0.0	637.5	613.5	580.5	580.9	681.7	.	.
Slovenia	467	441	8.5	73.9	16.5	1.1	5.1	0.0	0.0	531.8	515.1	515.4	515.5	511.9	.	.
South Africa	334	329	21.2	45.6	22.1	11.1	0.2	0.0	0.9	383.7	369.5	381.0	347.5	319.9	.	356.0
Sweden	206	200	18.6	68.8	12.0	0.6	1.8	0.0	0.9	509.4	499.8	491.7	509.9	510.0	.	489.8
Thailand	205	205	41.5	47.4	9.8	1.3	0.0	0.0	0.0	425.4	436.0	431.2	456.4	.	.	.
Turkey	220	220	25.5	49.4	19.1	5.9	0.0	0.0	0.0	473.9	461.6	438.6	415.5	.	.	.
United Arab Emirates	746	679	49.9	41.3	7.7	1.1	7.7	0.0	0.6	493.1	441.0	419.3	472.8	457.1	.	417.6
United States	429	369	35.9	40.5	15.9	7.7	13.6	0.0	0.4	540.0	516.4	495.0	474.1	516.7	.	589.5
International Avg. (39)	12055	11355	34.1	50.1	13.0	2.8	3.4	0.0	0.6	495.7	477.8	459.5	455.8	487.2	.	467.5
Buenos Aires, Argentina	138	61	70.2	13.0	16.7	0.0	57.3	0.0	0.0	397.8	363.5	379.3	.	400.5	.	.
Ontario, Canada	217	187	47.5	37.1	14.4	1.1	11.9	0.0	1.2	529.7	523.7	509.0	500.2	506.0	.	548.7
Quebec, Canada	175	161	35.3	58.1	6.4	0.2	7.9	0.0	0.0	556.4	547.1	532.7	462.3	474.1	.	.
Norway (8)	239	216	47.8	47.1	5.1	0.0	7.8	0.0	0.4	493.2	483.1	467.1	.	482.8	.	481.9
Abu Dhabi, UAE	207	182	38.9	45.4	13.6	2.1	11.4	0.0	0.8	477.6	420.9	403.9	475.6	444.7	.	383.0
Dubai, UAE	267	250	67.8	27.5	3.9	0.7	3.8	0.0	0.8	525.8	487.7	487.8	443.7	487.9	.	466.4
Florida, US	110	78	24.1	39.6	24.7	11.6	24.8	0.0	1.1	531.7	509.6	481.0	446.9	469.7	.	550.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. The students respect school property
Location: TQG-07f (BTBG07F)

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	941	795	33.9	42.3	19.6	4.2	8.4	0.0	0.8	532.2	504.9	485.5	438.0	477.0	.	503.4
Bahrain	201	199	18.8	54.1	19.6	7.5	1.0	0.0	0.4	474.3	453.6	441.0	440.0	452.8	.	437.6
Botswana	169	155	8.0	29.0	29.6	33.4	5.5	0.0	0.3	412.9	397.0	391.6	380.8	383.2	.	384.6
Canada	409	365	31.2	47.8	19.3	1.7	9.7	0.0	0.7	530.5	534.9	519.7	517.6	497.7	.	548.7
Chile	173	154	28.1	43.5	23.4	5.0	9.4	0.0	0.7	447.3	434.4	408.8	379.7	406.3	.	467.6
Chinese Taipei	216	216	14.9	62.6	19.5	3.0	0.0	0.0	0.0	620.5	602.9	575.7	565.0	.	.	.
Egypt	215	213	27.6	43.5	20.2	8.7	0.7	0.0	0.3	404.3	392.9	388.8	354.1	428.8	.	436.8
England	215	182	25.9	46.5	21.4	6.2	13.1	0.0	0.9	529.6	524.9	481.7	524.9	525.4	.	545.8
Georgia	188	187	17.8	54.2	25.1	2.9	0.0	0.0	0.4	443.2	455.5	449.4	497.8	.	.	504.2
Hong Kong SAR	175	173	19.8	56.9	21.6	1.7	1.8	0.0	0.0	621.9	593.2	576.0	515.2	615.8	.	.
Hungary	278	267	14.6	57.1	25.8	2.5	3.4	0.0	0.7	532.2	529.4	479.5	421.7	518.2	.	511.6
Iran, Islamic Rep. of	251	251	33.9	43.0	18.0	5.2	0.0	0.0	0.0	453.3	431.4	425.6	403.6	.	.	.
Ireland	526	485	46.1	34.4	17.0	2.5	6.7	0.0	0.3	534.7	527.1	491.2	460.2	530.7	.	561.2
Israel	603	542	27.7	50.5	18.1	3.7	6.2	0.0	1.4	530.7	506.0	496.8	506.2	516.4	.	465.0
Italy	230	213	5.3	62.9	31.5	0.3	4.6	0.0	0.6	520.5	498.1	479.0	504.9	512.6	.	522.4
Japan	231	230	9.4	56.3	32.1	2.1	0.3	0.0	0.0	594.9	591.3	577.1	564.5	571.1	.	.
Jordan	260	257	20.0	50.4	22.2	7.5	0.0	0.0	1.3	389.7	393.1	380.8	342.7	.	.	358.2
Kazakhstan	239	238	39.5	56.9	3.6	0.0	0.4	0.0	0.0	534.2	525.0	503.3	.	518.8	.	.
Korea, Rep. of	317	317	9.4	54.0	34.4	2.1	0.0	0.0	0.0	605.3	608.7	602.0	592.0	.	.	.
Kuwait	191	187	15.9	56.9	18.0	9.2	1.4	0.0	0.8	415.6	391.0	381.3	376.9	401.3	.	448.5
Lebanon	185	177	50.5	36.1	12.4	1.0	2.3	0.0	2.1	440.0	449.9	434.3	362.4	451.2	.	446.8
Lithuania	269	256	21.3	64.7	12.0	2.1	4.8	0.0	0.7	515.6	513.1	490.3	495.5	524.4	.	526.1
Malaysia	326	303	12.3	46.8	38.1	2.8	6.2	0.0	0.2	490.0	477.2	443.7	471.2	455.7	.	512.4
Malta	224	213	32.8	44.6	16.7	5.9	4.6	0.0	0.0	507.2	507.5	455.3	432.8	478.6	.	.
Morocco	373	361	13.3	44.7	24.7	17.3	2.3	0.0	0.6	407.8	382.9	377.5	379.8	384.9	.	393.5
New Zealand	489	455	25.7	46.6	23.9	3.7	3.7	0.0	2.4	512.0	492.7	479.5	458.8	472.4	.	502.5
Norway	239	218	25.1	59.5	13.5	1.8	7.2	0.0	0.0	522.8	510.8	503.2	496.8	499.2	.	.
Oman	356	354	26.0	49.1	19.7	5.2	0.0	0.0	0.3	425.2	399.5	385.0	393.1	.	.	474.0
Qatar	250	246	40.7	47.1	9.2	2.9	0.4	0.0	0.9	448.7	426.8	440.3	400.4	546.5	.	488.6
Russian Federation	226	226	19.2	63.6	16.1	1.2	0.0	0.0	0.0	550.2	538.2	523.3	527.3	.	.	.
Saudi Arabia	149	146	18.7	49.1	22.6	9.6	0.6	0.0	1.1	395.4	361.2	363.1	349.3	448.5	.	398.0
Singapore	334	330	37.8	45.6	13.9	2.7	1.7	0.0	0.0	642.6	611.0	593.1	591.2	681.7	.	.
Slovenia	467	440	10.0	63.0	25.8	1.2	5.1	0.0	0.6	528.7	516.6	511.8	518.5	511.9	.	514.8
South Africa	334	331	11.2	40.7	27.3	20.9	0.2	0.0	0.0	379.9	386.7	359.1	358.4	319.9	.	.
Sweden	206	200	7.9	66.2	24.4	1.6	1.8	0.0	0.9	505.7	505.9	485.2	494.3	510.0	.	489.8
Thailand	205	205	20.4	50.0	23.5	6.1	0.0	0.0	0.0	432.8	438.1	417.3	426.1	.	.	.
Turkey	220	219	7.6	48.5	28.7	15.2	0.0	0.0	0.7	484.0	474.9	444.6	413.6	.	.	461.6
United Arab Emirates	746	679	39.9	43.5	12.8	3.8	7.7	0.0	0.5	495.7	455.5	421.4	419.1	457.1	.	401.8
United States	429	368	32.3	39.5	19.6	8.5	13.6	0.0	0.7	544.8	517.4	497.0	472.3	516.7	.	534.4
International Avg. (39)	12055	11353	23.1	50.0	21.2	5.7	3.5	0.0	0.5	496.3	483.6	465.6	453.9	487.2	.	475.5
Buenos Aires, Argentina	138	61	50.1	35.3	10.3	4.4	57.3	0.0	0.0	398.9	374.6	402.7	386.8	400.5	.	.
Ontario, Canada	217	187	30.2	45.1	22.9	1.8	11.9	0.0	1.2	527.3	525.6	517.4	521.3	506.0	.	548.7
Quebec, Canada	175	161	25.1	59.1	15.2	0.6	7.9	0.0	0.0	558.2	550.3	531.9	521.5	474.1	.	.
Norway (8)	239	216	26.1	57.6	14.4	1.8	7.8	0.0	0.4	493.2	484.6	485.4	492.3	482.8	.	481.9
Abu Dhabi, UAE	207	182	33.3	37.6	21.2	7.9	11.4	0.0	0.8	479.6	427.1	416.8	419.0	444.7	.	383.0
Dubai, UAE	267	249	56.3	36.0	7.3	0.4	3.8	0.0	0.9	527.6	505.0	448.8	504.5	487.9	.	423.4
Florida, US	110	78	20.3	27.8	36.7	15.3	24.8	0.0	1.1	503.3	530.3	495.8	454.4	469.7	.	550.1

Question: Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements. This school has clear rules about student conduct
Location: TQG-07g (BTBG07G)

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	941	795	64.7	27.0	7.2	1.0	8.4	0.0	1.0	518.4	489.5	486.9	432.3	477.1	.	513.1
Bahrain	201	199	50.2	31.3	14.9	3.6	1.0	0.0	0.4	462.2	444.8	445.9	454.5	452.8	.	437.6
Botswana	169	155	53.1	35.5	8.1	3.2	5.5	0.0	0.3	395.2	385.9	389.4	391.0	383.2	.	384.6
Canada	409	365	52.1	37.5	8.8	1.5	9.7	0.0	0.7	530.7	531.9	523.6	517.0	497.7	.	548.7
Chile	173	154	53.3	31.6	12.3	2.8	9.4	0.0	0.7	441.8	420.0	404.2	407.6	406.3	.	467.6
Chinese Taipei	216	216	51.1	45.6	3.3	0.0	0.0	0.0	0.0	606.7	591.0	593.1	.	.	.	.
Egypt	215	212	48.8	34.1	13.8	3.3	0.7	0.0	0.6	407.0	382.5	361.8	390.1	428.8	.	406.2
England	215	181	58.7	29.0	8.2	4.1	13.1	0.0	1.2	515.5	532.2	498.4	472.2	525.4	.	518.8
Georgia	188	187	54.6	42.2	3.2	0.0	0.0	0.0	0.4	456.6	447.8	460.4	.	.	.	504.2
Hong Kong SAR	175	173	62.6	33.3	3.9	0.2	1.8	0.0	0.0	603.2	578.8	581.2	451.3	615.8	.	.
Hungary	278	268	58.0	37.8	4.2	0.0	3.4	0.0	0.4	518.0	510.9	493.1	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	54.1	35.4	8.9	1.7	0.0	0.0	0.0	444.9	430.0	413.5	414.5	.	.	.
Ireland	526	484	75.5	20.0	4.0	0.6	6.7	0.0	0.4	523.7	521.2	524.5	467.3	530.7	.	532.5
Israel	603	541	66.8	25.4	6.2	1.6	6.2	0.0	1.8	516.8	497.0	498.3	552.5	516.4	.	475.5
Italy	230	213	40.3	55.1	3.4	1.2	4.6	0.0	1.0	504.2	485.5	492.2	483.2	512.6	.	522.7
Japan	231	230	17.1	69.0	13.0	0.9	0.3	0.0	0.0	585.9	585.6	592.3	583.0	571.1	.	.
Jordan	260	257	50.0	39.4	9.3	1.2	0.0	0.0	1.3	395.3	376.6	378.7	355.1	.	.	358.2
Kazakhstan	239	236	66.8	32.7	0.6	0.0	0.4	0.0	0.7	525.5	534.2	495.1	.	518.8	.	476.0
Korea, Rep. of	317	317	32.5	60.9	6.6	0.0	0.0	0.0	0.0	608.5	604.0	608.7	.	.	.	.
Kuwait	191	188	56.5	33.5	8.6	1.4	1.4	0.0	0.6	391.7	395.8	381.4	367.0	401.3	.	467.8
Lebanon	185	178	66.4	28.4	4.5	0.8	2.3	0.0	1.6	449.3	417.5	474.5	496.1	451.2	.	468.9
Lithuania	269	257	63.7	31.0	5.3	0.1	4.8	0.0	0.7	513.3	508.3	491.5	452.2	524.4	.	526.6
Malaysia	326	305	52.7	42.9	4.4	0.0	6.2	0.0	0.0	473.7	456.0	470.0	540.8	455.7	.	.
Malta	224	213	51.9	37.4	9.2	1.5	4.6	0.0	0.0	500.8	494.2	466.1	441.4	478.6	.	.
Morocco	373	361	37.8	41.3	16.3	4.6	2.3	0.0	0.6	391.6	385.2	369.2	371.1	384.9	.	384.7
New Zealand	489	454	56.1	32.0	10.7	1.2	3.7	0.0	2.6	496.7	494.5	475.2	456.5	472.4	.	502.8
Norway	239	218	71.6	26.4	1.6	0.4	7.2	0.0	0.0	513.9	510.3	487.3	512.4	499.2	.	.
Oman	356	355	57.4	32.6	8.0	2.0	0.0	0.0	0.0	413.3	387.2	391.2	420.7	.	.	352.9
Qatar	250	246	74.6	18.0	5.9	1.5	0.4	0.0	0.9	440.8	419.9	432.2	416.4	546.5	.	488.6
Russian Federation	226	225	84.8	14.7	0.5	0.0	0.0	0.0	0.4	540.5	524.0	549.7	.	.	.	495.2
Saudi Arabia	149	146	43.8	40.2	15.2	0.8	0.6	0.0	1.1	378.5	358.8	356.5	334.8	448.5	.	398.0
Singapore	334	330	62.7	30.7	5.7	0.9	1.7	0.0	0.0	623.7	618.6	595.0	555.7	681.7	.	.
Slovenia	467	441	30.8	63.5	5.6	0.1	5.1	0.0	0.0	519.5	514.8	519.5	573.4	511.9	.	.
South Africa	334	330	61.6	29.6	6.7	2.0	0.2	0.0	0.4	385.1	352.8	357.4	337.7	319.9	.	307.6
Sweden	206	200	36.4	46.9	13.8	2.8	1.8	0.0	0.9	505.8	500.0	491.0	492.4	510.0	.	489.8
Thailand	205	205	56.3	35.6	6.7	1.4	0.0	0.0	0.0	437.1	422.0	443.0	385.4	.	.	.
Turkey	220	220	40.1	42.5	14.6	2.8	0.0	0.0	0.0	472.3	451.8	438.1	437.6	.	.	.
United Arab Emirates	746	678	66.8	26.9	5.7	0.6	7.7	0.0	0.9	480.7	438.7	428.6	445.0	457.1	.	387.9
United States	429	369	55.2	30.1	10.9	3.8	13.6	0.0	0.4	524.2	521.1	485.7	501.6	516.7	.	589.5
International Avg. (39)	12055	11353	54.8	36.1	7.7	1.4	3.5	0.0	0.6	487.5	474.9	470.4	451.8	487.2	.	463.8
Buenos Aires, Argentina	138	61	72.4	20.2	5.4	2.0	57.3	0.0	0.0	383.2	413.2	401.3	381.3	400.5	.	.
Ontario, Canada	217	187	52.8	34.4	10.7	2.1	11.9	0.0	1.2	525.5	524.1	518.2	523.0	506.0	.	548.7
Quebec, Canada	175	161	46.0	46.7	6.4	0.8	7.9	0.0	0.0	554.1	545.4	551.1	490.6	474.1	.	.
Norway (8)	239	215	71.0	26.5	2.1	0.3	7.9	0.0	0.4	488.2	485.5	478.2	454.0	482.5	.	481.9
Abu Dhabi, UAE	207	180	61.0	32.6	6.0	0.4	11.4	0.0	1.9	455.5	426.4	412.4	396.3	444.7	.	353.8
Dubai, UAE	267	250	76.5	17.9	4.6	1.0	3.8	0.0	0.9	524.8	473.0	478.3	490.5	487.9	.	486.2
Florida, US	110	77	45.5	38.2	9.5	6.8	24.8	0.0	3.1	492.8	529.8	440.7	454.2	469.7	.	546.5

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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 (BTBG07H)

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	941	794	46.6	34.6	14.3	4.5	8.4	0.0	1.0	522.5	500.4	488.4	466.3	477.0	.	512.7
Bahrain	201	199	43.3	37.4	15.0	4.3	1.0	0.0	0.4	464.8	441.1	456.5	449.9	452.8	.	437.6
Botswana	169	155	36.6	41.7	14.2	7.5	5.5	0.0	0.3	395.2	390.9	379.0	397.8	383.2	.	384.6
Canada	409	365	34.6	43.5	17.6	4.3	9.7	0.0	0.7	529.0	531.2	532.4	523.5	497.7	.	548.7
Chile	173	154	25.6	45.4	26.0	3.0	9.4	0.0	0.7	442.0	434.2	413.5	384.4	406.3	.	467.6
Chinese Taipei	216	216	45.1	44.9	8.2	1.8	0.0	0.0	0.0	608.9	588.6	601.7	604.2	.	.	.
Egypt	215	213	47.6	40.3	10.5	1.6	0.7	0.0	0.3	404.9	382.1	371.7	379.3	428.8	.	436.8
England	215	182	40.7	38.0	18.6	2.6	13.1	0.0	0.9	524.9	521.9	492.6	491.5	525.4	.	545.8
Georgia	188	187	45.0	50.7	4.2	0.0	0.0	0.0	0.4	456.8	450.6	442.0	.	.	.	504.2
Hong Kong SAR	175	173	53.8	41.3	4.6	0.2	1.8	0.0	0.0	608.7	575.4	593.5	451.3	615.8	.	.
Hungary	278	268	24.6	59.0	16.4	0.0	3.4	0.0	0.4	519.1	521.8	480.0	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	63.6	30.3	5.5	0.5	0.0	0.0	0.0	437.6	437.0	421.7	400.1	.	.	.
Ireland	526	485	61.2	27.4	9.3	2.0	6.7	0.0	0.3	526.6	524.6	515.4	421.4	530.7	.	561.2
Israel	603	543	56.0	30.7	11.1	2.2	6.2	0.0	1.3	519.2	502.2	495.3	517.5	516.4	.	455.7
Italy	230	213	22.9	61.6	13.9	1.5	4.6	0.0	1.0	505.8	489.5	489.7	487.8	512.6	.	522.7
Japan	231	230	14.8	70.1	14.3	0.9	0.3	0.0	0.0	583.5	588.4	580.8	583.0	571.1	.	.
Jordan	260	256	48.3	39.0	10.7	2.0	0.0	0.0	1.7	395.3	378.3	379.9	339.3	.	.	367.4
Kazakhstan	239	236	58.7	39.8	1.3	0.2	0.4	0.0	0.7	522.9	536.4	481.4	501.6	518.8	.	552.8
Korea, Rep. of	317	317	33.1	61.0	5.7	0.2	0.0	0.0	0.0	610.8	602.1	616.6	575.9	.	.	.
Kuwait	191	188	56.0	33.6	6.8	3.7	1.4	0.0	0.6	393.0	394.6	388.2	356.9	401.3	.	467.8
Lebanon	185	176	61.6	29.6	8.0	0.8	2.3	0.0	2.8	444.5	431.7	449.9	496.1	451.2	.	464.4
Lithuania	269	257	38.8	45.4	15.8	0.1	4.8	0.0	0.7	518.8	504.7	507.1	452.2	524.4	.	526.6
Malaysia	326	304	46.1	45.8	7.9	0.2	6.2	0.0	0.2	475.3	459.5	446.9	515.2	455.7	.	505.4
Malta	224	213	41.1	38.9	18.5	1.4	4.6	0.0	0.0	500.2	493.8	491.2	370.5	478.6	.	.
Morocco	373	359	36.8	41.8	17.1	4.2	2.3	0.0	1.4	392.2	383.2	372.8	369.3	384.9	.	397.7
New Zealand	489	453	40.6	39.0	15.9	4.5	3.7	0.0	2.5	500.7	495.8	466.5	496.1	472.4	.	505.3
Norway	239	217	46.4	46.6	6.6	0.3	7.2	0.0	0.4	516.3	511.4	493.4	515.1	499.2	.	506.5
Oman	356	354	49.9	40.4	8.4	1.4	0.0	0.0	0.2	414.2	391.7	390.2	424.6	.	.	362.2
Qatar	250	246	67.4	24.4	6.4	1.8	0.4	0.0	0.9	437.3	422.1	483.7	412.7	546.5	.	488.6
Russian Federation	226	226	19.0	69.2	11.3	0.5	0.0	0.0	0.0	557.5	535.6	519.8	528.6	.	.	.
Saudi Arabia	149	146	47.2	39.1	11.2	2.5	0.6	0.0	1.1	376.3	360.9	351.0	355.2	448.5	.	398.0
Singapore	334	330	50.6	40.1	7.4	1.9	1.7	0.0	0.0	626.7	617.2	599.5	577.1	681.7	.	.
Slovenia	467	441	15.6	64.1	18.5	1.8	5.1	0.0	0.0	521.9	516.2	514.0	511.6	511.9	.	.
South Africa	334	331	49.9	35.9	9.7	4.5	0.2	0.0	0.0	384.1	361.6	360.9	354.8	319.9	.	.
Sweden	206	200	18.2	61.7	17.7	2.4	1.8	0.0	0.9	509.3	504.0	483.2	477.5	510.0	.	489.8
Thailand	205	205	57.2	38.0	3.0	1.7	0.0	0.0	0.0	437.3	424.2	403.3	445.1	.	.	.
Turkey	220	220	43.6	44.4	8.7	3.4	0.0	0.0	0.0	463.4	455.6	447.9	434.8	.	.	.
United Arab Emirates	746	680	63.9	30.1	5.6	0.4	7.7	0.0	0.7	479.8	440.3	442.4	515.2	457.1	.	388.4
United States	429	369	36.9	34.3	19.8	9.0	13.6	0.0	0.4	532.6	517.7	498.7	504.4	516.7	.	589.5
International Avg. (39)	12055	11352	43.3	43.1	11.4	2.2	3.5	0.0	0.6	488.7	477.4	470.3	461.8	487.2	.	478.0
Buenos Aires, Argentina	138	61	62.8	31.0	5.1	1.1	57.3	0.0	0.0	387.3	399.1	369.5	400.7	400.5	.	.
Ontario, Canada	217	187	38.0	39.5	17.3	5.2	11.9	0.0	1.2	525.2	520.9	528.7	526.5	506.0	.	548.7
Quebec, Canada	175	161	25.5	53.5	17.2	3.8	7.9	0.0	0.0	550.5	552.1	546.1	516.2	474.1	.	.
Norway (8)	239	216	43.7	46.3	9.7	0.3	7.8	0.0	0.4	491.4	484.9	479.4	454.0	482.8	.	481.9
Abu Dhabi, UAE	207	181	55.5	35.9	8.6	0.0	11.4	0.0	1.5	456.6	424.0	426.2	.	444.7	.	386.5
Dubai, UAE	267	251	73.9	21.1	3.9	1.0	3.8	0.0	0.4	522.0	490.2	471.6	514.9	487.9	.	397.8
Florida, US	110	78	28.7	26.8	28.2	16.4	24.8	0.0	1.1	491.3	521.8	487.1	505.3	469.7	.	550.1

Question: In your current school, how severe is each problem? The school building needs significant repair
Location: TQG-08a (BTBG08A)

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	941	793	49.9	37.6	10.6	1.8	8.8	0.0	0.8	518.6	498.6	492.4	481.4	479.0	.	493.2
Bahrain	201	199	49.9	37.3	9.6	3.2	1.0	0.0	0.4	461.2	449.2	439.8	441.3	452.8	.	437.6
Botswana	169	154	12.8	18.0	32.1	37.1	5.5	0.0	0.9	414.8	390.5	392.1	382.6	383.2	.	401.0
Canada	409	364	44.9	40.4	11.3	3.3	9.7	0.0	0.7	531.0	529.0	534.3	523.9	497.7	.	548.0
Chile	173	154	41.8	36.4	12.2	9.6	9.4	0.0	0.7	449.3	417.2	423.8	395.4	406.3	.	467.6
Chinese Taipei	216	214	34.0	41.4	16.1	8.5	0.0	0.0	1.0	609.6	602.8	583.1	581.6	.	.	497.1
Egypt	215	208	34.7	29.6	16.6	19.1	0.7	0.0	2.3	406.6	381.7	378.7	391.8	428.8	.	399.7
England	215	184	46.4	34.8	13.6	5.3	13.1	0.0	0.0	531.6	510.9	496.0	486.2	525.4	.	.
Georgia	188	187	22.1	22.1	38.3	17.4	0.0	0.0	1.0	463.9	450.9	452.7	446.2	.	.	408.3
Hong Kong SAR	175	162	35.0	45.5	17.1	2.4	1.8	0.0	6.0	602.3	583.9	603.3	568.9	615.8	.	602.5
Hungary	278	268	26.0	32.1	25.7	16.1	3.4	0.0	0.4	512.2	513.2	515.9	517.2	518.2	.	518.0
Iran, Islamic Rep. of	251	250	27.9	44.7	16.6	10.8	0.0	0.0	0.3	455.6	438.7	417.2	401.1	.	.	648.6
Ireland	526	484	45.7	31.9	12.5	9.9	6.7	0.0	0.5	530.2	527.9	486.0	520.3	530.7	.	528.0
Israel	603	542	43.5	27.3	20.1	9.1	6.3	0.0	1.3	520.8	502.4	505.6	497.4	516.9	.	504.3
Italy	230	212	29.8	40.2	25.7	4.4	4.6	0.0	2.2	490.1	498.3	485.7	499.9	512.6	.	528.0
Japan	231	230	26.0	31.9	24.8	17.3	0.3	0.0	0.0	581.5	586.7	592.9	584.6	571.1	.	.
Jordan	260	254	37.0	29.1	22.2	11.6	0.0	0.0	1.9	403.8	377.3	376.1	371.0	.	.	355.6
Kazakhstan	239	236	32.7	24.1	20.7	22.6	0.4	0.0	1.6	526.4	549.3	523.0	515.7	518.8	.	468.1
Korea, Rep. of	317	317	37.6	38.3	20.0	4.1	0.0	0.0	0.0	612.1	600.8	602.6	608.7	.	.	.
Kuwait	191	187	52.4	22.3	14.5	10.8	1.4	0.0	1.2	387.1	393.3	426.9	366.3	401.3	.	418.2
Lebanon	185	178	47.3	33.6	12.4	6.7	2.3	0.0	2.0	444.8	442.4	429.4	434.7	451.2	.	480.7
Lithuania	269	257	41.0	26.6	18.2	14.1	4.8	0.0	0.3	516.0	503.3	506.1	514.7	524.4	.	517.5
Malaysia	326	303	17.3	35.1	34.6	13.0	6.2	0.0	0.8	460.2	464.6	476.1	445.2	455.7	.	539.0
Malta	224	213	51.8	31.3	10.6	6.3	4.6	0.0	0.0	503.3	500.6	437.7	483.5	478.6	.	.
Morocco	373	358	35.1	32.2	22.4	10.3	2.3	0.0	1.3	392.3	383.8	377.5	374.5	384.9	.	382.3
New Zealand	489	455	37.6	36.2	19.6	6.6	3.7	0.0	2.1	499.4	486.1	487.8	512.3	472.4	.	508.0
Norway	239	218	41.7	35.5	15.7	7.2	7.2	0.0	0.0	515.5	512.8	508.1	502.5	499.8	.	.
Oman	356	347	42.8	32.5	16.3	8.4	0.0	0.0	2.3	405.8	405.7	390.7	406.1	.	.	396.0
Qatar	250	246	69.7	20.8	7.3	2.3	0.4	0.0	0.9	427.1	461.4	438.2	478.2	546.5	.	488.6
Russian Federation	226	225	14.4	39.6	29.8	16.2	0.0	0.0	0.5	533.3	533.5	537.8	554.8	.	.	503.8
Saudi Arabia	149	142	55.7	20.6	15.8	8.0	1.7	0.0	2.7	376.1	359.7	367.1	329.0	391.8	.	358.5
Singapore	334	330	51.3	37.3	9.3	2.1	1.7	0.0	0.0	618.3	622.4	619.2	618.1	681.7	.	.
Slovenia	467	440	48.7	25.8	17.5	8.0	5.2	0.0	0.0	518.9	518.0	514.0	504.4	510.2	.	.
South Africa	334	329	21.8	27.8	27.1	23.3	0.2	0.0	0.9	430.7	381.4	348.6	334.2	319.9	.	396.7
Sweden	206	199	28.4	38.1	26.6	6.9	1.8	0.0	1.3	496.0	504.2	501.2	487.9	510.0	.	545.7
Thailand	205	204	37.8	33.0	25.6	3.6	0.0	0.0	0.5	435.3	429.7	430.4	422.6	.	.	363.2
Turkey	220	220	35.8	22.0	23.9	18.4	0.0	0.0	0.0	458.1	460.0	458.3	452.9	.	.	.
United Arab Emirates	746	675	57.3	27.2	13.0	2.5	7.7	0.0	1.7	486.7	442.3	429.7	453.3	457.1	.	412.7
United States	429	369	48.4	34.1	12.1	5.4	13.6	0.0	0.4	523.7	515.3	510.4	505.0	516.7	.	589.5
International Avg. (39)	12055	11307	38.8	32.2	18.9	10.1	3.5	0.0	1.0	488.5	480.2	474.3	471.7	485.3	.	474.4
Buenos Aires, Argentina	138	61	50.5	15.6	23.4	10.5	57.3	0.0	0.0	409.4	389.5	360.8	364.7	400.5	.	.
Ontario, Canada	217	187	47.4	41.9	7.0	3.7	11.9	0.0	1.2	524.8	524.4	526.2	509.7	506.0	.	548.7
Quebec, Canada	175	160	38.5	39.4	18.6	3.6	7.9	0.0	0.0	554.9	544.5	547.7	549.7	474.1	.	498.8
Norway (8)	239	216	45.1	30.0	18.3	6.6	7.8	0.0	0.4	490.7	483.8	484.1	486.0	482.8	.	481.9
Abu Dhabi, UAE	207	179	54.4	25.9	18.6	1.1	11.4	0.0	3.2	455.9	424.8	423.0	535.1	444.7	.	407.7
Dubai, UAE	267	250	70.2	23.0	5.6	1.2	3.8	0.0	0.7	527.1	488.0	456.5	485.3	487.9	.	409.4
Florida, US	110	79	50.3	31.9	13.0	4.9	24.8	0.0	0.0	510.7	485.0	533.5	425.0	469.7	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In your current school, how severe is each problem? Teachers do not have adequate workspace (e.g., for preparation, collaboration, or meeting with students)
Location: TQG-08b (BTBG08B)

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	941	794	55.7	33.0	9.4	1.8	8.8	0.0	0.6	510.2	503.2	503.4	534.3	478.9	.	476.4
Bahrain	201	199	57.5	28.2	11.8	2.5	1.0	0.0	0.4	457.3	445.9	455.1	465.7	452.8	.	437.6
Botswana	169	155	8.6	15.5	25.8	50.1	5.5	0.0	0.3	407.3	398.2	386.6	388.8	383.2	.	384.6
Canada	409	365	57.2	30.4	9.3	3.2	9.7	0.0	0.7	531.4	525.0	540.2	532.7	497.7	.	548.7
Chile	173	154	41.4	25.5	17.3	15.8	9.4	0.0	0.7	438.1	423.6	427.0	418.1	406.3	.	467.6
Chinese Taipei	216	215	37.3	35.2	23.6	3.9	0.0	0.0	0.5	603.3	601.9	590.5	584.9	.	.	612.4
Egypt	215	209	36.0	21.8	21.9	20.3	0.7	0.0	1.8	395.7	398.1	381.0	389.3	428.8	.	406.6
England	215	184	47.8	33.3	14.7	4.2	13.1	0.0	0.0	509.5	529.3	505.2	550.3	525.4	.	.
Georgia	188	188	50.1	26.3	18.4	5.2	0.0	0.0	0.0	455.7	446.6	450.5	471.6	.	.	.
Hong Kong SAR	175	162	49.8	36.2	11.9	2.1	1.8	0.0	6.0	593.8	594.7	596.8	536.3	615.8	.	602.5
Hungary	278	265	35.7	29.9	19.2	15.3	3.4	0.0	1.3	503.0	519.5	518.3	528.3	518.2	.	481.4
Iran, Islamic Rep. of	251	249	33.6	36.6	20.8	8.9	0.0	0.0	1.0	443.5	445.3	419.4	407.3	.	.	479.8
Ireland	526	485	38.7	30.9	20.7	9.8	6.7	0.0	0.3	523.0	520.2	524.0	528.3	530.7	.	561.2
Israel	603	540	23.3	22.8	27.9	26.0	6.3	0.0	1.8	490.0	509.6	530.8	508.1	516.9	.	506.9
Italy	230	214	22.5	30.3	35.3	12.0	4.6	0.0	0.6	490.4	495.7	492.5	495.4	512.6	.	522.7
Japan	231	230	44.6	22.1	19.8	13.5	0.3	0.0	0.0	583.4	583.0	598.8	584.6	571.1	.	.
Jordan	260	254	42.3	18.5	27.6	11.6	0.0	0.0	1.8	400.4	378.8	379.6	358.9	.	.	368.5
Kazakhstan	239	235	52.3	18.0	21.0	8.7	0.4	0.0	1.3	532.6	528.8	513.4	533.5	518.8	.	521.1
Korea, Rep. of	317	317	33.3	36.4	22.0	8.3	0.0	0.0	0.0	606.7	609.3	601.3	598.2	.	.	.
Kuwait	191	185	57.8	22.1	12.9	7.2	1.4	0.0	2.5	388.7	395.4	418.9	367.3	401.3	.	385.5
Lebanon	185	176	45.8	32.6	12.8	8.8	2.3	0.0	2.9	445.5	443.6	442.6	415.5	451.2	.	453.2
Lithuania	269	257	57.4	30.3	9.6	2.7	4.8	0.0	0.3	510.8	513.3	514.5	463.8	524.4	.	517.5
Malaysia	326	304	31.5	29.4	28.6	10.5	6.2	0.0	0.0	469.9	465.2	461.8	466.9	455.7	.	587.9
Malta	224	213	33.4	37.0	21.5	8.2	4.6	0.0	0.0	482.7	507.8	490.3	490.7	478.6	.	.
Morocco	373	359	28.6	24.4	35.5	11.5	2.3	0.0	1.0	392.1	388.6	375.7	383.4	384.9	.	381.6
New Zealand	489	456	47.1	33.1	17.2	2.6	3.7	0.0	2.0	493.8	490.1	497.3	497.7	472.4	.	504.3
Norway	239	219	33.8	35.2	25.5	5.5	7.1	0.0	0.0	518.6	510.1	507.6	512.6	499.3	.	.
Oman	356	347	57.8	24.8	11.8	5.6	0.0	0.0	3.1	400.9	401.2	409.9	412.9	.	.	417.2
Qatar	250	246	69.3	16.7	10.7	3.2	0.4	0.0	0.9	428.3	463.1	437.1	461.9	546.5	.	488.6
Russian Federation	226	226	58.8	23.7	11.2	6.3	0.0	0.0	0.0	539.4	536.0	530.2	546.0	.	.	.
Saudi Arabia	149	144	42.9	19.1	25.7	12.3	0.6	0.0	1.8	373.5	380.5	357.2	345.2	448.5	.	373.5
Singapore	334	330	48.0	39.5	8.5	3.9	1.7	0.0	0.0	622.3	618.5	617.7	609.0	681.7	.	.
Slovenia	467	441	40.8	27.4	17.5	14.3	5.1	0.0	0.0	518.5	512.0	517.8	518.3	511.9	.	.
South Africa	334	329	30.7	26.7	20.5	22.1	0.2	0.0	0.5	404.6	382.2	353.1	334.4	319.9	.	355.6
Sweden	206	200	27.4	40.4	23.8	8.4	1.8	0.0	0.2	500.1	502.5	498.1	499.8	510.0	.	497.2
Thailand	205	203	50.9	35.3	10.2	3.6	0.0	0.0	1.1	435.1	429.0	435.6	392.2	.	.	429.3
Turkey	220	220	19.9	24.1	26.1	29.9	0.0	0.0	0.0	465.0	462.2	452.8	453.3	.	.	.
United Arab Emirates	746	675	52.5	32.0	12.6	2.8	7.7	0.0	1.0	473.7	462.1	449.5	443.0	456.5	.	412.6
United States	429	368	62.8	27.9	6.1	3.2	13.6	0.0	0.6	516.5	525.3	507.1	515.5	516.7	.	549.4
International Avg. (39)	12055	11312	42.7	28.5	18.6	10.1	3.5	0.0	1.0	483.5	483.2	479.2	475.5	487.2	.	473.5
Buenos Aires, Argentina	138	61	43.4	21.4	22.5	12.7	57.3	0.0	0.0	399.9	413.9	375.9	342.6	400.5	.	.
Ontario, Canada	217	187	53.4	33.5	10.6	2.6	11.9	0.0	1.2	523.1	521.5	538.5	522.5	506.0	.	548.7
Quebec, Canada	175	161	65.3	23.1	7.3	4.4	7.9	0.0	0.0	549.0	546.1	561.6	549.8	474.1	.	.
Norway (8)	239	215	36.3	34.4	20.6	8.6	7.8	0.0	1.2	489.9	485.4	490.0	474.5	482.8	.	490.7
Abu Dhabi, UAE	207	178	48.8	33.9	14.7	2.6	11.6	0.0	1.9	444.8	442.5	429.8	452.4	443.7	.	414.5
Dubai, UAE	267	249	61.5	26.6	9.4	2.4	3.8	0.0	1.1	523.0	505.2	486.2	489.9	487.9	.	408.3
Florida, US	110	79	62.9	33.0	0.6	3.5	24.8	0.0	0.0	506.7	489.6	641.0	490.7	469.7	.	.

Question: In your current school, how severe is each problem? Teachers do not have adequate instructional materials and supplies
Location: TQG-08c (BTBG08C)

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	941	793	52.4	38.0	8.4	1.1	8.8	0.0	0.8	520.3	495.4	486.7	483.7	478.9	.	492.6
Bahrain	201	199	51.3	35.4	10.3	3.0	1.0	0.0	0.4	457.1	453.3	441.0	455.7	452.8	.	437.6
Botswana	169	155	4.9	17.1	41.0	37.1	5.5	0.0	0.3	437.1	403.9	385.4	386.0	383.2	.	384.6
Canada	409	365	49.6	34.8	13.2	2.4	9.7	0.0	0.7	535.9	527.4	519.5	515.8	497.7	.	548.7
Chile	173	154	56.0	23.1	16.7	4.2	9.4	0.0	0.7	436.7	424.9	414.2	415.4	406.3	.	467.6
Chinese Taipei	216	216	53.2	36.5	7.7	2.7	0.0	0.0	0.0	610.3	587.7	582.7	578.8	.	.	.
Egypt	215	207	20.1	31.9	30.3	17.6	0.7	0.0	2.9	408.2	394.8	386.9	376.0	428.8	.	397.8
England	215	184	50.8	33.2	14.5	1.4	13.1	0.0	0.0	516.2	525.4	507.5	461.9	525.4	.	.
Georgia	188	186	31.0	22.6	44.0	2.4	0.0	0.0	1.4	458.9	449.5	451.6	455.6	.	.	431.1
Hong Kong SAR	175	162	56.4	35.6	7.1	0.9	1.8	0.0	6.0	605.3	582.6	549.8	605.0	615.8	.	602.5
Hungary	278	267	25.8	35.9	30.5	7.9	3.4	0.0	0.6	511.6	513.9	516.7	519.6	518.2	.	468.5
Iran, Islamic Rep. of	251	251	22.6	34.2	24.2	19.0	0.0	0.0	0.0	466.5	448.7	420.4	398.7	.	.	.
Ireland	526	484	53.6	32.6	11.1	2.7	6.7	0.0	0.5	529.5	512.7	517.8	531.0	530.7	.	559.2
Israel	603	541	42.6	32.5	19.1	5.7	6.3	0.0	1.4	510.5	507.8	513.7	518.6	516.9	.	496.7
Italy	230	213	22.4	30.7	39.6	7.4	4.6	0.0	1.1	494.6	496.8	490.4	488.8	512.6	.	523.2
Japan	231	230	25.9	43.7	26.8	3.7	0.3	0.0	0.0	590.8	588.3	578.8	591.4	571.1	.	.
Jordan	260	255	28.1	31.0	31.9	9.0	0.0	0.0	1.9	406.8	387.2	376.5	349.6	.	.	367.2
Kazakhstan	239	235	49.3	23.7	17.6	9.4	0.4	0.0	1.4	533.0	527.8	536.8	485.3	518.8	.	517.5
Korea, Rep. of	317	317	38.1	40.1	19.6	2.1	0.0	0.0	0.0	606.6	607.8	597.7	625.8	.	.	.
Kuwait	191	186	45.0	30.1	18.2	6.7	1.4	0.0	1.7	399.8	382.1	395.9	374.5	401.3	.	408.8
Lebanon	185	177	52.6	26.8	11.5	9.1	2.3	0.0	2.7	441.2	450.4	431.5	429.7	451.2	.	467.9
Lithuania	269	257	25.0	42.9	26.0	6.1	4.8	0.0	0.3	518.7	508.7	508.7	498.9	524.4	.	517.5
Malaysia	326	304	31.1	48.1	17.6	3.2	6.2	0.0	0.1	467.0	464.1	467.2	479.4	455.7	.	356.2
Malta	224	213	46.9	32.6	18.3	2.2	4.6	0.0	0.0	494.9	495.8	497.6	430.2	478.6	.	.
Morocco	373	359	24.1	25.8	36.2	14.0	2.3	0.0	1.2	396.5	385.4	378.0	378.5	384.9	.	379.1
New Zealand	489	455	52.7	35.3	10.4	1.6	3.7	0.0	2.1	497.5	493.0	478.4	449.6	472.4	.	508.0
Norway	239	219	27.7	48.0	21.6	2.7	7.1	0.0	0.0	510.7	513.8	511.9	511.8	499.3	.	.
Oman	356	348	45.6	29.4	18.5	6.5	0.0	0.0	2.1	406.7	402.0	402.5	386.8	.	.	399.3
Qatar	250	246	70.1	21.7	5.2	3.0	0.4	0.0	0.9	428.2	454.5	461.5	446.8	546.5	.	488.6
Russian Federation	226	226	53.2	30.2	12.6	4.0	0.0	0.0	0.0	543.4	534.2	527.3	529.0	.	.	.
Saudi Arabia	149	142	22.6	34.0	26.9	16.5	0.6	0.0	4.8	375.0	371.4	369.9	346.0	448.5	.	360.0
Singapore	334	330	60.1	32.2	7.0	0.6	1.7	0.0	0.0	627.6	611.7	593.5	601.7	681.7	.	.
Slovenia	467	441	40.5	33.4	21.5	4.5	5.1	0.0	0.0	516.9	515.3	519.0	511.9	511.9	.	.
South Africa	334	328	23.9	30.9	28.7	16.4	0.2	0.0	1.0	431.2	372.8	346.6	331.2	319.9	.	377.4
Sweden	206	199	28.2	43.4	23.1	5.3	1.8	0.0	0.8	497.8	505.9	495.6	494.6	510.0	.	491.9
Thailand	205	202	31.5	43.1	20.7	4.7	0.0	0.0	1.7	443.4	428.7	427.4	400.1	.	.	414.5
Turkey	220	219	16.3	27.8	26.8	29.1	0.0	0.0	0.4	476.6	463.3	466.2	433.4	.	.	478.0
United Arab Emirates	746	676	52.3	35.8	9.5	2.4	7.7	0.0	1.4	474.1	463.1	433.9	430.2	457.1	.	474.2
United States	429	369	50.7	34.1	10.4	4.9	13.6	0.0	0.4	528.6	504.5	520.6	501.5	516.7	.	589.5
International Avg. (39)	12055	11310	39.3	33.3	20.1	7.3	3.5	0.0	1.1	490.0	480.9	474.5	466.9	487.2	.	462.3
Buenos Aires, Argentina	138	61	63.8	10.2	17.7	8.4	57.3	0.0	0.0	398.9	424.9	364.6	335.7	400.5	.	.
Ontario, Canada	217	187	38.0	41.3	17.6	3.1	11.9	0.0	1.2	529.4	522.4	519.0	512.7	506.0	.	548.7
Quebec, Canada	175	161	66.3	24.6	7.3	1.7	7.9	0.0	0.0	551.4	550.9	530.5	525.7	474.1	.	.
Norway (8)	239	215	28.5	53.3	15.9	2.3	7.9	0.0	0.4	492.6	483.9	488.6	484.4	482.5	.	481.9
Abu Dhabi, UAE	207	181	47.4	36.6	12.5	3.4	11.4	0.0	1.1	446.7	451.0	405.8	411.6	444.7	.	388.3
Dubai, UAE	267	249	61.4	30.7	6.5	1.4	3.8	0.0	1.2	527.7	490.5	487.7	518.5	487.9	.	450.9
Florida, US	110	79	42.5	42.9	9.8	4.7	24.8	0.0	0.0	494.9	520.3	462.4	466.4	469.7	.	.

Question: In your current school, how severe is each problem? The school classrooms are not cleaned often enough
Location: TQG-08d (BTBG08D)

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	941	794	80.6	15.7	3.1	0.6	8.8	0.0	0.8	508.4	501.2	520.1	503.2	478.9	.	493.2
Bahrain	201	199	69.0	22.3	4.1	4.6	1.0	0.0	0.4	457.6	452.3	425.7	434.8	452.8	.	437.6
Botswana	169	154	21.4	37.0	26.9	14.7	5.5	0.0	1.1	407.7	393.6	382.7	376.8	383.2	.	395.0
Canada	409	365	67.8	19.6	9.0	3.6	9.7	0.0	0.7	531.3	528.8	523.6	535.9	497.7	.	548.7
Chile	173	154	70.3	18.4	8.5	2.8	9.4	0.0	0.7	438.4	406.2	403.3	432.3	406.3	.	467.6
Chinese Taipei	216	216	52.7	42.7	4.3	0.3	0.0	0.0	0.0	604.4	595.6	572.8	545.3	.	.	.
Egypt	215	209	46.6	27.0	12.5	13.9	0.7	0.0	2.1	407.1	373.2	379.6	387.3	428.8	.	401.3
England	215	184	81.0	13.6	5.1	0.3	13.1	0.0	0.0	518.7	514.8	500.1	501.5	525.4	.	.
Georgia	188	187	55.0	29.8	13.2	2.0	0.0	0.0	1.0	461.0	440.5	452.0	458.0	.	.	408.3
Hong Kong SAR	175	162	72.0	25.6	1.5	0.9	1.8	0.0	6.0	593.3	602.8	453.8	552.1	615.8	.	602.5
Hungary	278	267	72.0	20.1	6.8	1.1	3.4	0.0	0.6	513.9	517.3	513.4	517.8	518.2	.	468.5
Iran, Islamic Rep. of	251	248	62.6	27.3	7.6	2.6	0.0	0.0	1.1	447.7	422.5	405.5	407.6	.	.	412.4
Ireland	526	484	68.1	17.6	10.8	3.5	6.7	0.0	0.5	523.3	524.5	520.0	513.5	530.7	.	559.2
Israel	603	541	54.5	26.6	14.0	4.9	6.3	0.0	1.4	520.5	493.9	509.0	494.4	516.9	.	506.8
Italy	230	213	51.3	37.0	11.5	0.2	4.6	0.0	1.3	498.4	490.0	481.8	392.6	512.6	.	519.9
Japan	231	230	69.0	20.7	8.8	1.6	0.3	0.0	0.0	587.5	590.0	570.0	591.9	571.1	.	.
Jordan	260	256	45.2	24.2	22.7	7.9	0.0	0.0	1.5	402.6	373.6	380.4	343.1	.	.	362.6
Kazakhstan	239	237	78.6	15.0	4.5	1.9	0.4	0.0	0.3	527.9	523.2	547.6	504.7	518.8	.	602.0
Korea, Rep. of	317	317	71.9	23.3	4.4	0.4	0.0	0.0	0.0	610.2	599.2	568.0	603.0	.	.	.
Kuwait	191	186	66.1	16.6	8.7	8.6	1.4	0.0	1.7	400.4	385.4	366.1	366.8	401.3	.	408.8
Lebanon	185	178	71.8	18.0	5.7	4.5	2.3	0.0	2.0	446.0	437.4	424.1	406.2	451.2	.	480.7
Lithuania	269	257	86.4	10.2	2.6	0.8	4.8	0.0	0.3	511.2	517.9	476.6	466.5	524.4	.	517.5
Malaysia	326	305	19.9	49.2	21.2	9.6	6.2	0.0	0.0	471.8	464.9	470.8	448.6	455.7	.	.
Malta	224	213	58.8	30.7	8.1	2.4	4.6	0.0	0.0	503.2	490.2	472.3	404.3	478.6	.	.
Morocco	373	359	46.9	25.4	21.9	5.8	2.3	0.0	1.3	390.2	383.5	378.7	367.1	384.9	.	363.5
New Zealand	489	456	69.4	24.9	4.3	1.3	3.7	0.0	2.0	496.5	489.9	472.1	456.9	472.4	.	504.3
Norway	239	219	69.1	19.2	11.4	0.3	7.1	0.0	0.0	513.4	514.5	503.5	511.4	499.3	.	.
Oman	356	346	64.9	19.9	13.7	1.5	0.0	0.0	2.4	403.0	406.7	396.8	420.6	.	.	403.5
Qatar	250	246	83.0	9.5	2.8	4.7	0.4	0.0	0.9	437.7	422.8	440.7	433.9	546.5	.	488.6
Russian Federation	226	226	81.5	14.4	3.0	1.1	0.0	0.0	0.0	539.6	527.4	546.9	537.3	.	.	.
Saudi Arabia	149	144	39.5	32.2	21.5	6.8	0.6	0.0	1.8	383.3	356.5	358.5	350.8	448.5	.	373.5
Singapore	334	329	56.7	34.5	7.1	1.7	1.7	0.0	0.3	620.8	623.1	607.9	576.5	681.7	.	632.6
Slovenia	467	441	78.4	18.8	2.3	0.6	5.1	0.0	0.0	515.9	517.2	530.1	539.6	511.9	.	.
South Africa	334	327	36.6	24.8	25.7	12.9	0.2	0.0	1.4	405.7	365.7	346.1	342.4	319.9	.	382.5
Sweden	206	200	51.6	36.0	9.8	2.6	1.8	0.0	0.2	501.8	499.5	502.0	484.5	510.0	.	497.2
Thailand	205	204	46.9	36.8	14.5	1.8	0.0	0.0	0.5	438.0	433.7	410.2	401.4	.	.	363.2
Turkey	220	219	42.7	25.9	23.6	7.9	0.0	0.0	0.4	470.4	450.9	449.8	432.9	.	.	478.0
United Arab Emirates	746	675	81.8	13.3	3.6	1.3	7.7	0.0	1.5	470.5	442.7	449.3	423.0	457.1	.	467.0
United States	429	369	70.2	19.5	7.1	3.1	13.6	0.0	0.4	519.2	519.9	514.4	495.5	516.7	.	589.5
International Avg. (39)	12055	11316	61.8	24.2	10.2	3.8	3.5	0.0	0.9	487.1	476.7	467.3	460.6	487.2	.	471.2
Buenos Aires, Argentina	138	60	65.3	16.1	16.8	1.8	57.3	0.0	1.1	405.8	368.6	358.7	385.0	400.5	.	339.6
Ontario, Canada	217	187	67.3	20.1	8.0	4.7	11.9	0.0	1.2	525.8	514.7	525.4	539.8	506.0	.	548.7
Quebec, Canada	175	161	68.5	20.0	8.8	2.7	7.9	0.0	0.0	550.0	557.8	532.5	523.8	474.1	.	.
Norway (8)	239	216	70.7	17.9	10.0	1.4	7.8	0.0	0.4	487.1	487.1	486.4	494.8	482.8	.	481.9
Abu Dhabi, UAE	207	181	82.8	13.5	1.5	2.3	11.4	0.0	1.1	444.4	429.0	459.0	419.8	444.7	.	388.3
Dubai, UAE	267	250	83.6	13.9	2.4	0.0	3.8	0.0	0.7	521.3	473.4	477.6	.	487.9	.	409.4
Florida, US	110	79	52.4	32.1	12.0	3.5	24.8	0.0	0.0	507.0	503.5	504.9	381.3	469.7	.	.

Question: In your current school, how severe is each problem? The school classrooms need maintenance work
Location: TQG-08e (BTBG08E)

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	941	794	52.5	36.7	9.5	1.3	8.8	0.0	0.9	512.9	507.4	481.2	493.7	478.9	.	496.0
Bahrain	201	199	50.2	37.3	11.9	0.7	1.0	0.0	0.4	465.1	448.9	424.2	440.7	452.8	.	437.6
Botswana	169	154	17.2	27.4	25.2	30.3	5.5	0.0	1.1	400.4	393.1	395.7	380.6	383.2	.	395.0
Canada	409	363	49.5	39.0	8.6	2.9	9.7	0.0	1.2	531.5	526.7	540.9	533.5	497.7	.	529.4
Chile	173	154	47.7	32.2	15.6	4.4	9.4	0.0	0.7	448.7	414.3	404.7	417.2	406.3	.	467.6
Chinese Taipei	216	216	40.3	52.5	6.8	0.3	0.0	0.0	0.0	609.1	594.3	579.9	545.3	.	.	.
Egypt	215	209	25.6	36.7	22.4	15.2	0.7	0.0	2.1	410.0	386.7	384.2	384.4	428.8	.	401.3
England	215	183	50.1	36.8	8.4	4.6	13.1	0.0	0.3	519.5	523.9	490.2	492.5	525.4	.	450.8
Georgia	188	186	18.5	24.1	33.3	24.2	0.0	0.0	1.1	467.2	455.0	449.5	446.8	.	.	431.4
Hong Kong SAR	175	162	30.5	57.8	11.0	0.8	1.8	0.0	6.0	601.0	590.9	587.5	557.6	615.8	.	602.5
Hungary	278	268	21.0	44.9	24.0	10.1	3.4	0.0	0.4	516.4	507.8	515.2	536.5	518.2	.	518.0
Iran, Islamic Rep. of	251	249	35.3	39.3	12.9	12.5	0.0	0.0	1.1	448.8	437.3	426.8	404.1	.	.	478.2
Ireland	526	483	52.3	30.5	13.2	4.0	6.7	0.0	0.5	531.2	518.3	501.4	516.7	530.7	.	560.6
Israel	603	541	40.0	38.0	16.2	5.8	6.3	0.0	1.3	515.0	510.8	502.1	502.3	516.9	.	503.4
Italy	230	212	25.5	46.8	24.8	2.9	4.6	0.0	2.1	495.3	493.1	491.2	473.0	512.6	.	534.5
Japan	231	230	33.1	49.5	13.2	4.1	0.3	0.0	0.0	584.6	589.0	586.5	572.3	571.1	.	.
Jordan	260	255	31.3	26.4	27.4	14.9	0.0	0.0	2.3	409.5	385.5	376.1	355.9	.	.	364.9
Kazakhstan	239	236	40.1	30.4	17.0	12.5	0.4	0.0	1.0	525.7	546.4	514.3	509.5	518.8	.	511.3
Korea, Rep. of	317	317	38.2	41.1	18.3	2.4	0.0	0.0	0.0	607.9	606.0	601.1	602.6	.	.	.
Kuwait	191	185	42.0	29.6	21.1	7.4	1.4	0.0	2.2	396.1	387.2	391.7	389.0	401.3	.	406.3
Lebanon	185	177	51.0	32.2	12.3	4.6	2.3	0.0	2.5	450.6	440.2	419.1	413.4	451.2	.	462.4
Lithuania	269	257	37.9	30.1	18.0	14.1	4.8	0.0	0.3	510.8	516.3	496.5	516.3	524.4	.	517.5
Malaysia	326	305	16.7	38.2	35.1	10.0	6.2	0.0	0.0	480.1	465.2	464.7	449.8	455.7	.	.
Malta	224	213	52.1	31.9	11.4	4.6	4.6	0.0	0.0	502.1	499.6	450.0	478.2	478.6	.	.
Morocco	373	356	24.9	31.0	30.5	13.7	2.3	0.0	2.0	397.5	382.1	376.5	384.3	384.9	.	377.3
New Zealand	489	456	44.3	37.5	15.6	2.6	3.7	0.0	2.0	508.2	482.2	473.9	513.6	472.4	.	504.3
Norway	239	219	42.8	36.9	14.7	5.6	7.1	0.0	0.0	518.1	509.9	507.6	499.3	499.3	.	.
Oman	356	347	39.0	35.8	20.3	4.9	0.0	0.0	3.1	407.7	407.5	392.6	369.9	.	.	417.2
Qatar	250	246	69.1	21.8	5.7	3.5	0.4	0.0	0.9	433.1	442.9	447.8	436.7	546.5	.	488.6
Russian Federation	226	226	12.9	61.2	19.4	6.5	0.0	0.0	0.0	549.5	538.7	527.8	539.0	.	.	.
Saudi Arabia	149	143	27.7	31.9	28.9	11.5	0.6	0.0	2.4	385.3	360.1	361.7	358.5	448.5	.	363.1
Singapore	334	330	48.5	42.7	7.4	1.5	1.7	0.0	0.0	619.9	624.3	598.5	601.1	681.7	.	.
Slovenia	467	440	58.8	30.7	8.7	1.8	5.2	0.0	0.0	518.8	514.8	510.6	507.3	510.2	.	.
South Africa	334	328	21.8	26.8	26.8	24.6	0.2	0.0	0.7	428.6	379.9	350.4	338.3	319.9	.	382.1
Sweden	206	200	38.2	33.8	21.2	6.8	1.8	0.0	0.2	495.2	506.3	508.2	477.9	510.0	.	497.2
Thailand	205	204	31.2	45.3	19.4	4.1	0.0	0.0	0.5	443.0	435.3	405.5	430.8	.	.	363.2
Turkey	220	220	30.9	26.9	28.1	14.1	0.0	0.0	0.0	467.1	464.0	449.7	440.5	.	.	.
United Arab Emirates	746	676	61.1	26.9	9.5	2.4	7.7	0.0	1.4	481.0	442.5	435.6	438.3	457.1	.	473.6
United States	429	369	57.8	32.2	7.5	2.5	13.6	0.0	0.4	522.9	511.3	529.2	468.4	516.7	.	589.5
International Avg. (39)	12055	11308	38.7	36.2	17.5	7.7	3.5	0.0	1.1	490.1	480.7	470.5	467.1	487.2	.	466.4
Buenos Aires, Argentina	138	61	37.9	27.5	23.5	11.1	57.3	0.0	0.0	430.0	369.6	362.2	364.2	400.5	.	.
Ontario, Canada	217	186	53.3	36.4	7.0	3.3	11.9	0.0	1.4	524.8	520.4	536.2	530.2	506.0	.	544.9
Quebec, Canada	175	160	45.6	38.2	13.3	2.9	7.9	0.0	1.2	551.2	550.6	546.2	540.4	474.1	.	494.1
Norway (8)	239	216	46.9	36.5	10.4	6.3	7.8	0.0	0.4	488.9	485.7	491.1	475.2	482.8	.	481.9
Abu Dhabi, UAE	207	181	55.0	28.6	15.0	1.4	11.4	0.0	1.1	449.9	427.6	442.5	419.2	444.7	.	388.3
Dubai, UAE	267	250	73.9	22.9	1.6	1.6	3.8	0.0	0.7	526.8	478.7	452.3	468.3	487.9	.	409.4
Florida, US	110	79	56.7	30.5	9.1	3.7	24.8	0.0	0.0	503.0	508.4	488.4	448.5	469.7	.	.

Question: In your current school, how severe is each problem? Teachers do not have adequate technological resources
Location: TQG-08f (BTBG08F)

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	941	792	45.8	36.7	13.7	3.8	8.8	0.0	0.7	523.6	499.9	489.0	458.9	478.9	.	474.9
Bahrain	201	199	56.4	33.5	7.4	2.6	1.0	0.0	0.4	461.3	446.8	437.3	436.9	452.8	.	437.6
Botswana	169	154	1.9	16.5	29.9	51.8	5.5	0.0	1.1	423.7	407.7	389.1	386.1	383.2	.	395.0
Canada	409	364	40.0	41.2	14.4	4.4	9.7	0.0	1.1	537.5	527.1	524.3	517.9	497.7	.	530.1
Chile	173	154	58.7	22.0	12.6	6.7	9.4	0.0	0.7	434.3	428.3	425.7	396.1	406.3	.	467.6
Chinese Taipei	216	216	44.0	37.8	16.2	2.0	0.0	0.0	0.0	608.5	596.0	583.4	579.4	.	.	.
Egypt	215	209	13.2	25.5	31.2	30.1	0.7	0.0	2.1	412.3	409.5	383.8	375.9	428.8	.	401.3
England	215	184	54.8	30.6	11.8	2.8	13.1	0.0	0.0	517.0	519.5	517.9	492.5	525.4	.	.
Georgia	188	187	24.5	24.3	36.8	14.3	0.0	0.0	1.0	459.2	449.0	456.8	443.9	.	.	408.3
Hong Kong SAR	175	162	47.9	37.7	11.2	3.2	1.8	0.0	6.0	603.0	583.0	585.8	595.7	615.8	.	602.5
Hungary	278	267	22.9	41.6	27.8	7.7	3.4	0.0	0.6	523.1	504.6	522.1	515.9	518.2	.	468.5
Iran, Islamic Rep. of	251	250	22.3	30.3	26.7	20.7	0.0	0.0	0.7	465.7	447.9	420.7	404.5	.	.	540.4
Ireland	526	484	55.7	30.0	11.0	3.3	6.7	0.0	0.5	522.3	521.7	528.6	521.6	530.7	.	559.2
Israel	603	542	36.4	32.2	18.8	12.6	6.3	0.0	1.3	515.7	514.9	505.8	491.8	516.9	.	504.3
Italy	230	213	27.0	30.7	33.9	8.4	4.6	0.0	1.3	490.8	489.5	499.1	490.3	512.6	.	519.9
Japan	231	230	15.3	45.4	31.0	8.3	0.3	0.0	0.0	595.6	585.4	585.9	578.5	571.1	.	.
Jordan	260	255	20.6	25.3	36.4	17.7	0.0	0.0	1.6	415.7	388.6	379.8	359.7	.	.	366.6
Kazakhstan	239	236	43.5	22.9	23.5	10.2	0.4	0.0	1.1	537.1	533.7	505.1	523.8	518.8	.	566.9
Korea, Rep. of	317	317	36.7	42.6	18.3	2.5	0.0	0.0	0.0	613.5	601.0	602.4	597.9	.	.	.
Kuwait	191	186	34.2	32.7	26.0	7.1	1.4	0.0	1.7	403.5	381.8	397.0	366.1	401.3	.	408.8
Lebanon	185	177	45.0	24.1	18.3	12.6	2.3	0.0	2.5	449.0	435.7	429.1	444.5	451.2	.	466.5
Lithuania	269	255	23.2	44.5	23.2	9.1	4.8	0.0	1.8	515.4	512.4	503.9	507.9	524.4	.	508.6
Malaysia	326	305	17.6	42.7	25.4	14.4	6.2	0.0	0.0	480.9	469.4	460.5	447.1	455.7	.	.
Malta	224	213	52.6	26.4	13.3	7.7	4.6	0.0	0.0	494.0	496.1	493.5	491.2	478.6	.	.
Morocco	373	359	12.3	14.9	39.4	33.4	2.3	0.0	1.3	406.2	381.3	381.8	381.0	384.9	.	379.0
New Zealand	489	456	42.3	39.2	15.3	3.2	3.7	0.0	2.0	497.2	498.3	475.8	462.8	472.4	.	504.3
Norway	239	218	32.9	39.2	24.4	3.6	7.2	0.0	0.0	515.4	514.2	505.9	510.6	499.8	.	.
Oman	356	343	41.5	33.0	15.9	9.5	0.0	0.0	4.1	406.0	403.8	398.8	391.1	.	.	414.4
Qatar	250	246	72.5	14.3	5.9	7.3	0.4	0.0	0.9	429.8	447.3	471.8	449.4	546.5	.	488.6
Russian Federation	226	226	41.2	34.8	17.8	6.2	0.0	0.0	0.0	546.0	535.6	531.4	517.1	.	.	.
Saudi Arabia	149	144	18.1	30.7	29.0	22.2	0.6	0.0	1.8	383.7	377.3	368.7	337.4	448.5	.	373.5
Singapore	334	330	55.1	33.9	9.3	1.7	1.7	0.0	0.0	628.3	609.7	606.4	626.2	681.7	.	.
Slovenia	467	440	47.5	34.5	13.4	4.6	5.2	0.0	0.0	516.2	516.5	520.9	510.3	510.2	.	.
South Africa	334	330	15.9	21.6	20.7	41.9	0.2	0.0	0.3	440.5	385.9	366.6	342.4	319.9	.	390.0
Sweden	206	200	36.9	37.3	19.3	6.5	1.8	0.0	0.2	503.3	499.0	498.9	499.4	510.0	.	497.2
Thailand	205	204	23.5	46.2	23.0	7.3	0.0	0.0	0.5	443.1	438.2	413.1	413.0	.	.	363.2
Turkey	220	220	21.0	25.2	22.8	31.0	0.0	0.0	0.0	490.2	466.2	455.1	430.4	.	.	.
United Arab Emirates	746	677	60.7	25.6	11.9	1.8	7.7	0.0	1.3	466.8	474.4	442.9	433.9	457.1	.	473.1
United States	429	369	46.8	29.1	17.6	6.5	13.6	0.0	0.4	520.1	515.7	521.7	506.7	516.7	.	589.5
International Avg. (39)	12055	11313	36.1	31.7	20.6	11.6	3.5	0.0	1.0	492.2	482.4	476.6	467.6	487.2	.	467.8
Buenos Aires, Argentina	138	61	35.8	29.1	21.3	13.8	57.3	0.0	0.0	418.9	380.1	373.4	363.2	400.5	.	.
Ontario, Canada	217	187	32.4	42.4	18.3	6.9	11.9	0.0	1.2	532.3	518.6	524.7	519.3	506.0	.	548.7
Quebec, Canada	175	160	53.6	39.1	6.3	1.0	7.9	0.0	1.2	550.4	553.4	533.9	500.2	474.1	.	494.1
Norway (8)	239	216	36.1	43.7	18.1	2.1	7.8	0.0	0.4	487.2	488.2	485.4	477.3	482.8	.	481.9
Abu Dhabi, UAE	207	181	56.0	24.1	16.8	3.1	11.4	0.0	1.1	437.3	463.2	431.7	417.5	444.7	.	388.3
Dubai, UAE	267	249	65.1	27.1	6.1	1.7	3.8	0.0	1.0	520.0	505.5	488.6	481.0	487.9	.	439.5
Florida, US	110	79	44.8	27.1	15.3	12.8	24.8	0.0	0.0	513.5	504.1	497.1	457.9	469.7	.	.

Question: In your current school, how severe is each problem? Teachers do not have adequate support for using technology
Location: TQG-08g (BTBG08G)

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	941	792	42.1	39.6	14.1	4.2	8.8	0.0	0.9	518.1	502.6	492.0	501.8	478.9	.	496.0
Bahrain	201	199	59.9	29.7	7.7	2.7	1.0	0.0	0.4	454.7	450.8	464.7	443.9	452.8	.	437.6
Botswana	169	154	5.0	20.6	31.0	43.4	5.5	0.0	1.1	394.9	397.9	396.5	383.9	383.2	.	395.0
Canada	409	365	39.0	40.8	16.0	4.2	9.7	0.0	0.7	535.9	526.1	525.7	537.1	497.7	.	548.7
Chile	173	154	48.6	25.6	19.9	5.9	9.4	0.0	0.7	440.6	417.3	419.5	421.4	406.3	.	467.6
Chinese Taipei	216	216	40.9	41.8	15.1	2.3	0.0	0.0	0.0	612.9	590.2	588.9	582.3	.	.	.
Egypt	215	209	10.9	27.1	31.3	30.7	0.7	0.0	2.1	418.8	399.6	390.5	376.5	428.8	.	401.3
England	215	184	54.2	29.8	14.0	2.1	13.1	0.0	0.0	506.8	540.1	512.8	490.2	525.4	.	.
Georgia	188	187	46.9	28.7	21.1	3.3	0.0	0.0	1.0	453.3	455.5	452.4	449.8	.	.	408.3
Hong Kong SAR	175	162	46.4	38.6	13.4	1.6	1.8	0.0	6.0	599.5	586.3	592.6	589.5	615.8	.	602.5
Hungary	278	267	38.2	39.4	18.1	4.4	3.4	0.0	0.7	520.7	511.6	501.3	537.0	518.2	.	511.6
Iran, Islamic Rep. of	251	251	32.6	31.7	20.5	15.2	0.0	0.0	0.0	461.8	432.6	419.4	412.7	.	.	.
Ireland	526	484	48.3	32.4	16.9	2.4	6.7	0.0	0.5	523.2	516.8	534.0	517.3	530.7	.	559.2
Israel	603	539	37.4	32.5	19.5	10.7	6.3	0.0	1.8	508.7	515.1	511.0	503.7	517.5	.	497.4
Italy	230	213	19.0	35.1	36.6	9.3	4.6	0.0	1.3	489.1	495.8	493.0	491.9	512.6	.	519.9
Japan	231	230	11.2	42.6	40.3	5.9	0.3	0.0	0.0	592.9	586.8	586.3	573.5	571.1	.	.
Jordan	260	256	25.8	23.3	35.8	15.0	0.0	0.0	1.5	409.9	382.8	380.2	362.9	.	.	362.6
Kazakhstan	239	236	54.9	24.0	15.4	5.7	0.4	0.0	0.7	529.7	537.8	516.3	495.8	518.8	.	553.4
Korea, Rep. of	317	317	37.8	41.4	18.2	2.7	0.0	0.0	0.0	612.0	602.7	600.4	600.8	.	.	.
Kuwait	191	186	31.1	36.5	22.8	9.7	1.4	0.0	1.7	406.3	382.3	388.6	391.3	401.3	.	408.8
Lebanon	185	177	41.0	30.2	13.5	15.4	2.3	0.0	2.2	445.6	444.5	432.7	432.0	451.2	.	475.1
Lithuania	269	257	50.8	35.0	10.8	3.4	4.8	0.0	0.3	514.7	504.5	510.4	514.2	524.4	.	517.5
Malaysia	326	305	19.5	43.6	22.9	14.0	6.2	0.0	0.0	485.4	466.1	460.2	447.9	455.7	.	.
Malta	224	213	48.5	33.8	13.2	4.4	4.6	0.0	0.0	492.1	501.8	479.8	503.1	478.6	.	.
Morocco	373	360	11.1	17.7	38.1	33.1	2.3	0.0	0.9	404.0	380.4	384.1	380.5	384.9	.	374.9
New Zealand	489	456	41.3	44.4	11.6	2.8	3.7	0.0	2.0	495.1	495.2	485.0	469.9	472.4	.	504.3
Norway	239	219	29.5	45.9	22.0	2.7	7.1	0.0	0.0	511.6	515.8	508.2	500.6	499.3	.	.
Oman	356	345	47.0	29.0	16.4	7.6	0.0	0.0	3.8	405.6	409.0	391.6	384.2	.	.	416.3
Qatar	250	245	71.4	16.9	6.7	5.0	0.4	0.0	0.9	432.7	457.2	415.6	442.6	546.5	.	485.3
Russian Federation	226	225	50.3	32.6	11.9	5.2	0.0	0.0	1.9	548.4	527.7	534.3	518.8	.	.	515.7
Saudi Arabia	149	144	20.5	30.1	30.8	18.7	0.6	0.0	1.8	381.2	379.1	362.7	339.9	448.5	.	373.5
Singapore	334	330	53.7	34.5	10.5	1.3	1.7	0.0	0.0	625.3	615.8	606.4	616.6	681.7	.	.
Slovenia	467	441	56.6	30.8	8.4	4.2	5.1	0.0	0.0	517.4	516.5	515.6	508.0	511.9	.	.
South Africa	334	329	17.2	19.0	27.1	36.7	0.2	0.0	0.9	431.6	384.1	363.2	344.9	319.9	.	396.7
Sweden	206	200	31.3	36.5	28.1	4.1	1.8	0.0	0.2	498.3	498.4	504.5	510.7	510.0	.	497.2
Thailand	205	204	29.5	43.9	19.9	6.7	0.0	0.0	0.5	440.0	439.1	413.3	401.9	.	.	363.2
Turkey	220	220	26.3	23.7	23.6	26.5	0.0	0.0	0.0	486.3	457.8	460.0	426.9	.	.	.
United Arab Emirates	746	676	60.4	28.1	8.8	2.7	7.7	0.0	1.4	472.1	458.4	446.0	445.3	457.1	.	475.6
United States	429	369	48.1	31.1	14.1	6.7	13.6	0.0	0.4	514.9	522.8	519.0	519.6	516.7	.	589.5
International Avg. (39)	12055	11316	38.1	32.5	19.6	9.8	3.5	0.0	1.0	489.5	482.2	475.9	471.0	487.3	.	469.8
Buenos Aires, Argentina	138	61	29.1	24.3	25.3	21.4	57.3	0.0	0.0	426.8	398.4	368.1	357.2	400.5	.	.
Ontario, Canada	217	187	34.2	41.1	20.7	3.9	11.9	0.0	1.2	528.8	520.9	522.5	527.4	506.0	.	548.7
Quebec, Canada	175	161	47.7	37.7	8.9	5.7	7.9	0.0	0.0	550.8	550.2	537.5	549.2	474.1	.	.
Norway (8)	239	216	33.3	45.4	17.1	4.2	7.8	0.0	0.4	480.9	493.2	486.8	471.6	482.8	.	481.9
Abu Dhabi, UAE	207	181	50.5	35.5	11.2	2.9	11.4	0.0	1.1	442.7	446.0	432.5	415.7	444.7	.	388.3
Dubai, UAE	267	248	72.8	19.9	4.3	3.0	3.8	0.0	1.3	518.9	497.7	514.2	487.8	487.9	.	456.8
Florida, US	110	79	54.9	29.3	7.3	8.5	24.8	0.0	0.0	512.9	502.1	470.9	450.0	469.7	.	.

Question: How often do you have the following types of interactions with other teachers? Discuss how to teach a particular topic
Location: TQG-09a (BTBG09A)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	790	35.0	41.5	21.0	2.5	8.8	0.0	1.3	510.2	509.8	500.7	500.4	479.0	.	486.4
Bahrain	201	197	50.9	29.9	17.2	2.0	1.0	0.0	1.6	459.1	442.5	454.8	513.8	452.8	.	421.8
Botswana	169	155	28.4	37.7	30.4	3.5	5.5	0.0	0.3	395.7	386.7	391.9	400.6	383.2	.	384.6
Canada	409	365	22.6	31.3	40.5	5.7	9.7	0.0	0.7	531.3	531.5	528.2	534.8	497.7	.	548.7
Chile	173	154	32.2	30.9	29.5	7.4	9.4	0.0	0.7	443.8	422.8	426.2	406.2	406.3	.	467.6
Chinese Taipei	216	216	7.3	33.9	53.9	4.8	0.0	0.0	0.0	601.2	607.8	594.1	591.5	.	.	.
Egypt	215	213	28.9	40.2	27.8	3.2	0.7	0.0	0.5	408.8	393.9	372.5	391.6	428.8	.	354.0
England	215	184	21.9	36.8	38.2	3.0	13.1	0.0	0.0	531.8	509.1	517.1	510.5	525.4	.	.
Georgia	188	187	15.1	54.7	30.0	0.2	0.0	0.0	0.4	447.1	456.8	449.8	515.8	.	.	412.2
Hong Kong SAR	175	173	10.5	43.0	46.2	0.2	1.8	0.0	0.0	614.2	587.6	595.6	471.9	615.8	.	.
Hungary	278	267	15.0	50.1	32.6	2.3	3.4	0.0	0.6	537.3	500.0	525.7	527.7	518.2	.	468.5
Iran, Islamic Rep. of	251	251	28.3	28.0	38.3	5.4	0.0	0.0	0.0	445.1	432.6	436.3	410.1	.	.	.
Ireland	526	483	22.2	34.1	35.8	8.0	6.7	0.0	0.4	527.1	525.0	523.5	505.0	530.7	.	437.0
Israel	603	543	41.4	36.6	20.3	1.6	6.2	0.0	1.1	527.0	496.6	500.8	520.9	516.4	.	514.9
Italy	230	215	20.8	39.3	37.2	2.7	4.6	0.0	0.3	495.9	490.3	494.3	506.8	512.6	.	533.0
Japan	231	229	7.3	30.4	56.1	6.2	0.3	0.0	0.4	574.2	596.6	583.0	582.8	571.1	.	592.8
Jordan	260	260	17.6	55.1	24.9	2.4	0.0	0.0	0.0	404.8	383.6	381.0	334.8	.	.	.
Kazakhstan	239	238	23.3	60.9	15.6	0.2	0.4	0.0	0.0	537.2	525.7	522.6	501.6	518.8	.	.
Korea, Rep. of	317	316	13.8	38.6	46.4	1.2	0.0	0.0	0.2	603.7	618.0	597.1	575.0	.	.	548.1
Kuwait	191	188	66.6	23.3	8.2	1.9	1.4	0.0	0.3	394.1	384.8	373.9	498.9	401.3	.	400.8
Lebanon	185	177	29.8	37.0	31.1	2.1	2.3	0.0	1.6	445.1	445.0	436.2	440.3	451.2	.	444.5
Lithuania	269	258	10.1	35.1	52.6	2.2	4.8	0.0	0.0	534.9	507.4	509.3	483.7	524.4	.	.
Malaysia	326	304	20.6	49.2	29.1	1.1	6.2	0.0	0.0	475.6	468.9	454.1	465.0	455.7	.	544.2
Malta	224	213	24.3	35.2	30.6	10.0	4.6	0.0	0.0	493.4	488.0	503.4	490.4	478.6	.	.
Morocco	373	362	14.1	23.8	52.7	9.4	2.3	0.0	0.3	388.0	385.3	383.4	381.5	384.9	.	402.3
New Zealand	489	443	29.3	40.8	25.6	4.3	3.7	0.0	5.5	498.1	490.5	491.3	499.4	472.4	.	496.9
Norway	239	218	16.2	42.8	36.2	4.9	7.2	0.0	0.0	510.5	518.2	507.8	504.1	499.2	.	.
Oman	356	353	34.6	43.1	21.5	0.7	0.0	0.0	1.5	415.3	396.8	394.3	430.7	.	.	419.8
Qatar	250	247	54.3	27.2	16.3	2.1	0.4	0.0	0.0	435.9	433.0	442.4	457.8	546.5	.	.
Russian Federation	226	225	18.5	55.8	24.0	1.6	0.0	0.0	0.6	564.3	535.4	525.2	539.6	.	.	469.4
Saudi Arabia	149	146	27.5	29.4	38.2	4.9	0.6	0.0	1.1	368.0	375.2	360.0	365.0	448.5	.	398.0
Singapore	334	330	16.7	47.6	32.9	2.9	1.7	0.0	0.0	635.3	614.1	620.7	618.6	681.7	.	.
Slovenia	467	440	32.6	43.7	21.7	2.0	5.2	0.0	0.0	517.9	515.0	520.7	488.8	510.2	.	.
South Africa	334	331	35.5	31.2	30.1	3.1	0.2	0.0	0.0	370.9	367.6	377.7	388.5	319.9	.	.
Sweden	206	200	21.2	44.9	32.4	1.5	1.8	0.0	0.2	496.7	500.6	503.7	485.7	510.0	.	497.2
Thailand	205	205	17.3	36.1	43.6	3.0	0.0	0.0	0.0	444.5	432.0	426.1	426.7	.	.	.
Turkey	220	220	14.3	43.5	37.9	4.3	0.0	0.0	0.0	459.5	463.4	452.8	435.1	.	.	.
United Arab Emirates	746	678	47.4	33.1	19.1	0.4	7.7	0.0	0.8	464.7	455.5	482.2	524.0	457.1	.	482.1
United States	429	369	29.2	34.2	30.5	6.1	13.6	0.0	0.4	522.6	515.7	519.9	502.8	516.7	.	589.5
International Avg. (39)	12055	11343	25.7	38.7	32.2	3.4	3.5	0.0	0.5	488.0	479.7	479.0	480.2	487.2	.	471.4
Buenos Aires, Argentina	138	61	50.4	33.7	14.1	1.8	57.3	0.0	0.0	387.7	389.3	390.9	470.4	400.5	.	.
Ontario, Canada	217	187	23.4	30.4	39.4	6.8	11.9	0.0	1.2	525.5	523.7	522.1	534.1	506.0	.	548.7
Quebec, Canada	175	161	23.1	30.9	43.4	2.5	7.9	0.0	0.0	545.8	557.8	543.1	583.3	474.1	.	.
Norway (8)	239	216	19.3	39.4	37.3	4.0	7.8	0.0	0.4	484.6	487.9	487.1	492.1	482.8	.	481.9
Abu Dhabi, UAE	207	181	43.3	36.6	19.8	0.4	11.4	0.0	1.2	440.3	426.9	463.9	541.9	444.7	.	500.2
Dubai, UAE	267	249	51.9	27.3	20.1	0.8	3.8	0.0	1.3	503.5	523.8	525.3	515.0	487.9	.	459.4
Florida, US	110	79	40.3	35.0	22.6	2.0	24.8	0.0	0.0	497.0	519.5	470.3	617.8	469.7	.	.

Question: How often do you have the following types of interactions with other teachers? Collaborate in planning and preparing instructional materials
Location: TQG-09b (BTBG09B)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	792	29.1	38.5	29.5	2.8	8.8	0.0	1.0	516.1	504.7	507.4	472.1	479.0	.	470.4
Bahrain	201	198	50.2	32.1	16.0	1.8	1.0	0.0	1.5	452.3	455.9	455.5	485.4	452.8	.	415.3
Botswana	169	154	21.5	31.2	43.9	3.4	5.5	0.0	1.3	401.3	384.7	388.7	402.2	383.2	.	437.2
Canada	409	365	23.2	31.8	33.8	11.2	9.7	0.0	0.7	534.8	532.4	525.8	528.5	497.7	.	548.7
Chile	173	153	14.2	31.5	36.6	17.6	9.4	0.0	0.9	447.5	426.6	430.2	416.3	406.3	.	483.5
Chinese Taipei	216	216	2.1	20.2	55.1	22.6	0.0	0.0	0.0	625.1	608.9	597.6	591.6	.	.	.
Egypt	215	214	21.3	35.5	34.1	9.1	0.7	0.0	0.0	401.2	402.4	384.9	356.1	428.8	.	.
England	215	183	14.4	32.6	44.1	8.9	13.1	0.0	0.8	500.6	529.2	513.6	512.5	525.4	.	567.0
Georgia	188	187	18.8	62.8	18.1	0.2	0.0	0.0	0.4	453.1	455.8	444.0	552.1	.	.	412.2
Hong Kong SAR	175	173	6.3	29.5	54.1	10.1	1.8	0.0	0.0	630.0	578.1	601.6	575.7	615.8	.	.
Hungary	278	267	9.1	44.4	40.7	5.7	3.4	0.0	0.6	526.9	502.4	524.9	516.1	518.2	.	468.5
Iran, Islamic Rep. of	251	250	21.5	34.4	33.9	10.3	0.0	0.0	0.2	456.0	432.6	432.9	419.1	.	.	425.0
Ireland	526	482	21.8	29.1	38.4	10.7	6.7	0.0	0.4	528.6	529.2	514.4	529.4	530.7	.	435.4
Israel	603	544	43.4	34.2	19.1	3.3	6.2	0.0	1.0	524.8	501.8	496.0	498.6	516.4	.	509.8
Italy	230	215	16.3	34.7	43.9	5.1	4.6	0.0	0.3	492.9	493.6	493.5	492.9	512.6	.	533.0
Japan	231	229	4.6	22.3	57.1	15.9	0.3	0.0	0.4	578.8	589.8	589.6	573.0	571.1	.	592.8
Jordan	260	259	9.6	45.3	36.0	9.0	0.0	0.0	0.5	405.4	397.6	368.2	366.4	.	.	522.9
Kazakhstan	239	238	17.5	64.5	17.5	0.5	0.4	0.0	0.0	548.3	525.7	516.5	483.2	518.8	.	.
Korea, Rep. of	317	316	16.7	45.9	37.0	0.4	0.0	0.0	0.2	608.3	610.8	599.1	559.6	.	.	548.1
Kuwait	191	188	47.3	42.1	8.0	2.6	1.4	0.0	0.3	397.2	387.5	401.6	354.6	401.3	.	400.8
Lebanon	185	174	29.6	37.0	27.4	5.9	2.3	0.0	3.5	448.6	432.4	447.6	448.2	451.2	.	439.5
Lithuania	269	258	10.1	39.6	47.9	2.4	4.8	0.0	0.0	537.8	509.6	507.6	476.4	524.4	.	.
Malaysia	326	303	15.7	51.3	30.0	3.0	6.2	0.0	0.1	484.4	466.4	453.8	486.1	455.7	.	399.5
Malta	224	213	20.9	27.0	37.5	14.7	4.6	0.0	0.0	495.8	495.5	497.5	481.5	478.6	.	.
Morocco	373	361	8.2	12.2	47.1	32.5	2.3	0.0	0.5	391.8	389.1	384.3	380.6	384.9	.	395.6
New Zealand	489	443	23.8	32.0	36.1	8.1	3.7	0.0	5.5	513.8	478.5	494.9	484.4	472.4	.	496.9
Norway	239	217	12.1	37.8	43.0	7.1	7.2	0.0	0.4	505.8	520.4	509.5	501.2	499.2	.	490.7
Oman	356	353	38.5	35.6	22.0	3.9	0.0	0.0	1.2	415.8	403.1	384.0	374.3	.	.	442.0
Qatar	250	247	52.4	32.5	12.3	2.9	0.4	0.0	0.0	430.5	433.8	467.3	448.2	546.5	.	.
Russian Federation	226	226	12.4	59.0	26.4	2.3	0.0	0.0	0.0	557.9	539.4	527.6	513.2	.	.	.
Saudi Arabia	149	146	21.6	37.7	31.4	9.3	0.6	0.0	1.1	382.3	370.0	357.9	348.9	448.5	.	398.0
Singapore	334	330	16.9	42.8	37.4	2.9	1.7	0.0	0.0	645.7	614.3	611.8	657.8	681.7	.	.
Slovenia	467	441	17.6	35.6	41.2	5.5	5.1	0.0	0.0	516.9	519.9	515.5	502.3	511.9	.	.
South Africa	334	330	28.7	36.5	30.0	4.8	0.2	0.0	0.5	394.8	356.2	367.5	391.0	319.9	.	401.0
Sweden	206	200	16.4	39.3	35.6	8.7	1.8	0.0	0.2	493.6	503.4	503.8	487.8	510.0	.	497.2
Thailand	205	205	10.2	37.2	46.9	5.8	0.0	0.0	0.0	467.6	428.0	428.7	411.5	.	.	.
Turkey	220	220	12.3	43.2	39.3	5.2	0.0	0.0	0.0	471.9	460.7	447.4	475.8	.	.	.
United Arab Emirates	746	679	42.1	37.6	19.1	1.2	7.7	0.0	0.7	475.2	452.3	465.6	521.2	457.1	.	478.9
United States	429	369	32.3	28.6	32.0	7.1	13.6	0.0	0.4	520.9	508.1	523.9	521.1	516.7	.	589.5
International Avg. (39)	12055	11338	21.3	37.1	34.4	7.3	3.5	0.0	0.6	491.8	480.3	479.0	476.8	487.2	.	474.0
Buenos Aires, Argentina	138	60	52.1	32.1	12.0	3.8	57.3	0.0	0.4	380.1	401.7	400.2	417.6	400.5	.	324.7
Ontario, Canada	217	187	18.9	29.9	37.6	13.7	11.9	0.0	1.2	523.0	525.1	523.2	526.5	506.0	.	548.7
Quebec, Canada	175	161	34.3	34.9	23.5	7.4	7.9	0.0	0.0	550.2	548.1	549.3	550.5	474.1	.	.
Norway (8)	239	216	14.6	32.5	44.2	8.7	7.8	0.0	0.4	490.6	483.4	488.8	486.8	482.8	.	481.9
Abu Dhabi, UAE	207	182	33.9	41.9	23.2	0.9	11.4	0.0	1.0	448.5	429.3	445.9	528.4	444.7	.	497.2
Dubai, UAE	267	249	53.1	28.9	16.6	1.3	3.8	0.0	1.3	518.9	500.9	518.9	502.4	487.9	.	459.4
Florida, US	110	79	46.9	29.3	16.2	7.6	24.8	0.0	0.0	501.1	523.6	463.4	497.8	469.7	.	.

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 (BTBG09C)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	790	31.0	38.1	27.4	3.5	8.8	0.0	1.3	509.9	505.6	507.5	514.5	478.9	.	487.0
Bahrain	201	198	42.2	43.2	13.0	1.6	1.0	0.0	1.5	451.4	454.1	455.3	542.4	452.8	.	415.3
Botswana	169	155	21.3	39.1	35.0	4.6	5.5	0.0	0.3	396.3	389.0	390.8	391.0	383.2	.	384.6
Canada	409	365	16.8	34.4	41.1	7.7	9.7	0.0	0.7	528.9	528.9	531.2	534.9	497.7	.	548.7
Chile	173	154	18.1	36.4	37.1	8.3	9.4	0.0	0.7	443.0	422.4	431.1	421.9	406.3	.	467.6
Chinese Taipei	216	216	9.4	38.6	49.1	3.0	0.0	0.0	0.0	606.6	603.2	595.3	586.1	.	.	.
Egypt	215	214	26.5	47.1	20.3	6.0	0.7	0.0	0.0	410.2	392.3	375.6	364.0	428.8	.	.
England	215	183	18.4	37.1	40.5	4.0	13.1	0.0	0.4	512.8	522.6	515.1	499.1	525.4	.	599.2
Georgia	188	187	15.2	60.1	24.6	0.0	0.0	0.0	0.4	451.0	455.8	448.8	.	.	.	412.2
Hong Kong SAR	175	173	7.1	39.5	47.9	5.5	1.8	0.0	0.0	607.3	596.2	592.2	574.5	615.8	.	.
Hungary	278	267	19.3	54.6	25.0	1.0	3.4	0.0	0.6	516.4	503.6	536.3	536.4	518.2	.	468.5
Iran, Islamic Rep. of	251	250	32.3	36.1	26.9	4.7	0.0	0.0	0.2	437.6	433.0	442.7	417.7	.	.	425.0
Ireland	526	479	17.5	36.3	34.3	11.9	6.7	0.0	0.7	531.7	520.8	516.4	536.9	530.7	.	500.4
Israel	603	541	43.7	32.8	21.2	2.3	6.3	0.0	1.3	525.3	491.6	510.3	494.5	516.3	.	520.0
Italy	230	215	12.6	34.9	45.1	7.4	4.6	0.0	0.3	495.7	493.8	492.4	493.6	512.6	.	533.0
Japan	231	229	7.9	34.0	54.6	3.5	0.3	0.0	0.4	578.9	585.6	587.7	592.6	571.1	.	592.8
Jordan	260	260	16.5	51.8	26.3	5.4	0.0	0.0	0.0	404.9	386.7	376.2	360.7	.	.	.
Kazakhstan	239	238	15.7	63.5	20.6	0.2	0.4	0.0	0.0	553.3	525.3	516.6	501.6	518.8	.	.
Korea, Rep. of	317	316	16.8	45.5	35.5	2.3	0.0	0.0	0.2	608.8	610.6	599.9	582.6	.	.	548.1
Kuwait	191	188	56.4	36.6	6.0	1.0	1.4	0.0	0.3	389.1	401.6	372.1	353.3	401.3	.	400.8
Lebanon	185	176	42.0	35.7	20.9	1.4	2.3	0.0	2.2	441.6	445.7	438.0	433.9	451.2	.	442.7
Lithuania	269	258	10.9	41.1	47.4	0.6	4.8	0.0	0.0	538.1	508.1	507.1	460.4	524.4	.	.
Malaysia	326	304	21.2	58.2	20.6	0.0	6.2	0.0	0.0	479.9	456.5	478.2	.	455.7	.	544.2
Malta	224	213	19.8	31.4	39.2	9.6	4.6	0.0	0.0	498.8	494.4	488.9	506.4	478.6	.	.
Morocco	373	361	7.9	18.6	51.3	22.1	2.3	0.0	0.6	394.0	382.6	384.7	381.5	384.9	.	392.4
New Zealand	489	443	22.1	39.4	34.8	3.7	3.7	0.0	5.5	506.2	481.0	501.4	471.3	472.4	.	496.9
Norway	239	218	15.5	43.3	40.7	0.6	7.2	0.0	0.0	514.7	514.1	509.9	519.3	499.2	.	.
Oman	356	355	47.2	30.0	22.8	0.0	0.0	0.0	0.0	410.8	403.3	387.1	425.4	.	.	352.9
Qatar	250	247	46.5	37.7	14.3	1.5	0.4	0.0	0.0	427.6	442.5	451.4	427.9	546.5	.	.
Russian Federation	226	224	17.1	60.8	22.2	0.0	0.0	0.0	1.0	559.6	536.3	527.1	.	.	.	512.1
Saudi Arabia	149	146	28.4	37.0	30.4	4.2	0.6	0.0	1.1	374.2	364.5	362.2	372.9	448.5	.	398.0
Singapore	334	330	14.6	39.4	43.1	2.8	1.7	0.0	0.0	636.3	621.4	613.3	616.2	681.7	.	.
Slovenia	467	441	29.3	48.8	21.0	0.9	5.1	0.0	0.0	521.6	511.5	522.3	492.4	511.9	.	.
South Africa	334	330	27.6	41.9	28.7	1.9	0.2	0.0	0.1	378.8	371.6	366.5	391.3	319.9	.	376.6
Sweden	206	201	25.9	43.8	29.2	1.1	1.8	0.0	0.0	498.2	503.4	498.3	501.2	510.0	.	.
Thailand	205	204	23.5	50.1	25.0	1.4	0.0	0.0	0.8	466.3	415.2	429.9	415.5	.	.	499.8
Turkey	220	220	21.9	55.7	21.6	0.8	0.0	0.0	0.0	445.6	462.1	458.6	449.0	.	.	.
United Arab Emirates	746	679	43.4	40.4	15.3	0.8	7.7	0.0	0.7	464.0	460.8	482.6	437.0	457.1	.	478.9
United States	429	369	24.9	35.3	33.7	6.1	13.6	0.0	0.4	516.9	517.3	520.4	516.9	516.7	.	589.5
International Avg. (39)	12055	11337	24.0	41.8	30.6	3.7	3.5	0.0	0.6	488.0	479.9	480.0	475.5	487.2	.	476.4
Buenos Aires, Argentina	138	61	46.2	35.4	17.2	1.2	57.3	0.0	0.0	370.6	409.9	404.5	361.2	400.5	.	.
Ontario, Canada	217	187	19.3	33.5	40.1	7.1	11.9	0.0	1.2	526.0	524.0	524.2	520.5	506.0	.	548.7
Quebec, Canada	175	161	14.1	31.9	43.4	10.6	7.9	0.0	0.0	544.1	548.3	550.9	552.4	474.1	.	.
Norway (8)	239	216	21.3	45.2	31.2	2.3	7.8	0.0	0.4	489.8	484.2	490.2	477.1	482.8	.	481.9
Abu Dhabi, UAE	207	182	35.9	48.6	13.8	1.7	11.4	0.0	1.0	439.5	433.1	473.8	410.7	444.7	.	497.2
Dubai, UAE	267	249	46.4	35.6	17.2	0.8	3.8	0.0	1.3	510.0	513.1	524.4	501.8	487.9	.	459.4
Florida, US	110	79	31.5	35.0	27.1	6.4	24.8	0.0	0.0	493.1	518.1	499.1	459.3	469.7	.	.

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 (BTBG09D)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	791	4.0	12.5	52.7	30.8	8.8	0.0	1.0	489.6	502.6	512.5	504.4	478.9	.	470.8
Bahrain	201	197	32.7	32.3	24.8	10.2	1.0	0.0	1.7	446.8	445.0	468.4	473.8	452.8	.	433.1
Botswana	169	155	9.0	21.7	55.7	13.6	5.5	0.0	0.3	417.1	380.7	387.5	406.8	383.2	.	384.6
Canada	409	365	2.6	5.5	34.9	57.0	9.7	0.0	0.7	526.1	523.6	519.7	537.6	497.7	.	548.7
Chile	173	154	2.8	6.0	36.4	54.8	9.4	0.0	0.7	426.2	458.3	424.3	429.6	406.3	.	467.6
Chinese Taipei	216	215	1.9	27.3	58.6	12.2	0.0	0.0	0.1	591.9	604.9	598.9	587.7	.	.	699.2
Egypt	215	214	11.8	21.8	42.5	24.0	0.7	0.0	0.0	399.0	397.7	394.3	379.1	428.8	.	.
England	215	184	7.9	17.5	54.7	20.0	13.1	0.0	0.0	518.0	545.9	509.9	511.7	525.4	.	.
Georgia	188	187	4.7	29.0	61.1	5.2	0.0	0.0	0.4	431.9	445.9	460.6	429.0	.	.	412.2
Hong Kong SAR	175	173	2.0	18.4	64.6	14.9	1.8	0.0	0.0	631.4	595.9	588.5	609.5	615.8	.	.
Hungary	278	268	1.1	17.6	63.9	17.4	3.4	0.0	0.4	503.9	510.7	514.2	518.6	518.2	.	518.0
Iran, Islamic Rep. of	251	249	6.8	15.3	35.1	42.8	0.0	0.0	0.8	445.6	421.7	444.7	434.7	.	.	362.7
Ireland	526	481	1.8	3.2	22.8	72.1	6.7	0.0	0.6	524.0	493.7	510.6	528.5	530.7	.	491.6
Israel	603	542	7.4	15.4	33.0	44.2	6.2	0.0	1.3	495.7	503.0	502.7	521.9	516.4	.	496.3
Italy	230	214	0.5	5.9	25.2	68.4	4.6	0.0	0.3	373.3	498.8	482.8	497.7	512.6	.	531.2
Japan	231	229	4.4	18.2	66.0	11.4	0.3	0.0	0.4	585.6	580.5	586.9	594.0	571.1	.	592.8
Jordan	260	260	13.3	46.9	32.4	7.5	0.0	0.0	0.0	401.7	383.8	379.2	395.1	.	.	.
Kazakhstan	239	238	17.8	69.7	12.5	0.0	0.4	0.0	0.0	549.1	520.2	540.2	.	518.8	.	.
Korea, Rep. of	317	316	11.6	28.3	55.9	4.1	0.0	0.0	0.2	609.1	608.7	605.6	580.0	.	.	548.1
Kuwait	191	188	30.4	38.7	25.1	5.8	1.4	0.0	0.3	392.4	389.4	393.7	405.2	401.3	.	400.8
Lebanon	185	175	8.3	20.6	36.1	35.0	2.3	0.0	2.6	439.0	427.3	442.7	452.1	451.2	.	432.1
Lithuania	269	258	2.1	16.7	68.3	13.0	4.8	0.0	0.0	524.1	506.5	511.9	507.1	524.4	.	.
Malaysia	326	304	1.3	18.2	60.7	19.8	6.2	0.0	0.0	522.4	473.1	459.0	476.7	455.7	.	544.2
Malta	224	213	3.4	3.1	15.3	78.3	4.6	0.0	0.0	497.9	452.7	479.8	498.5	478.6	.	.
Morocco	373	361	2.5	5.1	33.0	59.4	2.3	0.0	0.6	387.9	382.1	384.9	384.1	384.9	.	392.4
New Zealand	489	443	2.9	14.3	47.1	35.7	3.7	0.0	5.5	480.6	492.0	493.6	494.4	472.4	.	496.9
Norway	239	219	2.5	6.5	48.0	43.0	7.1	0.0	0.0	504.8	513.5	515.8	509.1	499.3	.	.
Oman	356	355	19.7	29.8	41.3	9.2	0.0	0.0	0.0	410.1	403.9	403.1	386.2	.	.	352.9
Qatar	250	247	32.3	23.3	30.7	13.7	0.4	0.0	0.0	401.7	418.8	467.7	479.9	546.5	.	.
Russian Federation	226	226	8.2	42.5	49.1	0.2	0.0	0.0	0.0	556.2	540.0	532.7	634.3	.	.	.
Saudi Arabia	149	146	24.4	27.6	42.0	6.0	0.6	0.0	1.1	382.8	361.1	365.3	340.1	448.5	.	398.0
Singapore	334	330	4.7	15.6	56.4	23.3	1.7	0.0	0.0	647.2	622.6	614.2	626.4	681.7	.	.
Slovenia	467	440	1.0	6.7	50.8	41.4	5.2	0.0	0.0	562.5	509.4	516.9	516.5	510.2	.	.
South Africa	334	330	8.1	24.6	37.2	30.1	0.2	0.0	0.5	380.7	368.6	365.2	383.5	319.9	.	307.1
Sweden	206	201	0.9	7.1	45.9	46.2	1.8	0.0	0.0	477.9	479.4	497.7	507.1	510.0	.	.
Thailand	205	205	10.6	39.7	44.9	4.8	0.0	0.0	0.0	437.5	437.8	426.7	409.7	.	.	.
Turkey	220	220	11.4	28.6	45.9	14.0	0.0	0.0	0.0	469.3	453.7	455.0	464.8	.	.	.
United Arab Emirates	746	677	23.7	34.9	33.3	8.2	7.7	0.0	0.9	455.1	453.6	473.6	510.9	457.1	.	476.2
United States	429	369	4.4	10.2	34.3	51.1	13.6	0.0	0.4	530.4	506.6	518.1	519.6	516.7	.	589.5
International Avg. (39)	12055	11339	8.9	21.2	43.0	26.9	3.5	0.0	0.5	482.7	477.3	480.8	485.4	487.2	.	472.8
Buenos Aires, Argentina	138	61	8.9	15.9	24.3	50.8	57.3	0.0	0.0	390.0	387.9	378.4	396.6	400.5	.	.
Ontario, Canada	217	187	2.8	8.1	43.2	45.9	11.9	0.0	1.2	522.5	524.7	520.3	527.9	506.0	.	548.7
Quebec, Canada	175	161	2.9	1.2	19.8	76.1	7.9	0.0	0.0	532.1	486.3	531.9	555.5	474.1	.	.
Norway (8)	239	216	3.1	4.7	42.5	49.7	7.8	0.0	0.4	480.0	480.5	486.9	488.4	482.8	.	481.9
Abu Dhabi, UAE	207	181	19.2	34.1	38.4	8.3	11.4	0.0	1.3	442.5	413.2	450.5	503.6	444.7	.	480.8
Dubai, UAE	267	248	22.1	37.1	34.4	6.5	3.8	0.0	1.5	492.0	510.3	522.0	559.1	487.9	.	470.8
Florida, US	110	79	5.1	10.0	44.3	40.7	24.8	0.0	0.0	417.7	575.1	496.2	499.3	469.7	.	.

Question: How often do you have the following types of interactions with other teachers? Work together to try out new ideas
Location: TQG-09e (BTBG09E)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	789	10.3	30.1	51.2	8.4	8.8	0.0	1.1	502.9	502.0	516.5	482.3	478.8	.	476.6
Bahrain	201	197	46.8	32.1	18.6	2.5	1.0	0.0	1.7	457.1	445.2	461.5	482.1	452.8	.	410.1
Botswana	169	154	14.3	30.6	50.4	4.7	5.5	0.0	1.3	401.4	387.1	390.0	387.5	383.2	.	437.2
Canada	409	365	14.3	26.0	45.6	14.1	9.7	0.0	0.7	527.2	534.7	528.6	530.8	497.7	.	548.7
Chile	173	154	7.9	16.3	46.6	29.2	9.4	0.0	0.7	467.8	435.9	426.6	419.7	406.3	.	467.6
Chinese Taipei	216	216	2.3	23.4	60.5	13.8	0.0	0.0	0.0	596.4	599.3	601.0	591.0	.	.	.
Egypt	215	214	18.7	40.1	29.5	11.7	0.7	0.0	0.0	397.7	394.9	396.7	360.8	428.8	.	.
England	215	184	9.0	27.5	50.0	13.6	13.1	0.0	0.0	495.3	526.9	510.8	535.4	525.4	.	.
Georgia	188	186	7.2	45.0	45.3	2.5	0.0	0.0	0.7	442.7	453.3	455.4	438.5	.	.	459.0
Hong Kong SAR	175	173	5.2	20.3	57.1	17.3	1.8	0.0	0.0	589.2	598.6	594.7	587.1	615.8	.	.
Hungary	278	267	5.1	35.2	56.4	3.3	3.4	0.0	0.6	527.5	505.1	516.8	558.1	518.2	.	468.5
Iran, Islamic Rep. of	251	250	18.9	21.6	42.2	17.3	0.0	0.0	0.2	450.3	437.8	430.7	433.1	.	.	425.0
Ireland	526	481	8.6	18.9	50.5	22.0	6.7	0.0	0.6	545.2	518.4	520.4	525.0	530.7	.	491.6
Israel	603	542	36.6	31.2	28.2	4.0	6.2	0.0	1.3	527.1	498.1	506.6	481.3	516.4	.	517.9
Italy	230	215	8.3	18.0	51.8	21.9	4.6	0.0	0.3	477.9	497.7	496.5	488.5	512.6	.	533.0
Japan	231	229	3.7	25.0	55.8	15.5	0.3	0.0	0.4	578.6	588.3	587.3	582.4	571.1	.	592.8
Jordan	260	258	19.3	44.1	30.9	5.7	0.0	0.0	1.6	404.9	387.0	378.1	350.5	.	.	379.3
Kazakhstan	239	238	16.6	65.8	17.6	0.0	0.4	0.0	0.0	553.9	523.1	521.0	.	518.8	.	.
Korea, Rep. of	317	316	12.1	38.5	47.9	1.5	0.0	0.0	0.2	608.4	608.9	602.9	601.7	.	.	548.1
Kuwait	191	186	42.4	37.7	19.7	0.2	1.4	0.0	0.9	394.3	393.0	387.7	364.4	401.3	.	382.4
Lebanon	185	174	28.8	32.6	32.6	6.0	2.3	0.0	3.5	441.3	441.1	440.3	462.8	451.2	.	442.5
Lithuania	269	258	3.9	21.6	68.0	6.5	4.8	0.0	0.0	509.2	511.0	512.0	495.8	524.4	.	.
Malaysia	326	302	12.5	44.2	39.4	3.9	6.2	0.0	0.2	478.3	463.1	461.7	497.6	455.7	.	528.1
Malta	224	212	12.1	18.4	46.9	22.6	4.6	0.0	0.4	496.4	490.1	496.1	492.0	478.6	.	523.7
Morocco	373	359	5.1	13.5	54.4	27.0	2.3	0.0	0.7	407.8	382.2	385.2	379.4	384.9	.	384.3
New Zealand	489	441	10.9	30.2	46.1	12.8	3.7	0.0	6.1	496.4	490.4	495.1	491.9	472.4	.	494.7
Norway	239	217	5.5	29.1	57.3	8.2	7.3	0.0	0.0	497.6	514.4	512.0	519.1	499.7	.	.
Oman	356	355	25.1	38.8	32.4	3.8	0.0	0.0	0.0	411.2	413.3	388.0	376.3	.	.	352.9
Qatar	250	245	38.1	37.2	21.0	3.6	0.4	0.0	1.1	429.0	427.7	457.4	487.7	546.5	.	436.1
Russian Federation	226	225	11.4	49.0	38.6	0.9	0.0	0.0	0.5	543.6	545.3	528.2	497.5	.	.	519.0
Saudi Arabia	149	145	22.6	44.4	29.3	3.6	0.6	0.0	2.0	374.9	368.5	356.5	391.4	448.5	.	367.1
Singapore	334	330	8.2	36.1	49.9	5.8	1.7	0.0	0.0	622.4	625.8	615.1	621.2	681.7	.	.
Slovenia	467	440	9.1	37.0	47.6	6.3	5.2	0.0	0.0	515.3	514.9	520.1	503.5	510.2	.	.
South Africa	334	330	20.5	38.7	33.9	6.9	0.2	0.0	0.5	377.6	366.3	374.1	387.2	319.9	.	324.5
Sweden	206	200	9.6	28.8	55.1	6.5	1.8	0.0	0.2	508.7	498.1	500.4	500.4	510.0	.	497.2
Thailand	205	205	7.2	33.2	50.1	9.4	0.0	0.0	0.0	415.5	433.7	434.7	417.8	.	.	.
Turkey	220	219	14.0	38.8	41.4	5.7	0.0	0.0	0.5	471.1	453.6	460.4	424.9	.	.	532.8
United Arab Emirates	746	678	40.6	38.8	17.7	2.8	7.7	0.0	0.6	469.9	452.9	468.3	551.3	457.1	.	481.3
United States	429	369	17.6	28.9	39.9	13.6	13.6	0.0	0.4	519.7	519.4	517.7	515.3	516.7	.	589.5
International Avg. (39)	12055	11318	15.6	32.5	42.5	9.4	3.5	0.0	0.7	485.4	480.7	480.9	479.3	487.2	.	469.4
Buenos Aires, Argentina	138	61	26.0	30.7	32.1	11.2	57.3	0.0	0.0	373.4	391.9	412.5	360.9	400.5	.	.
Ontario, Canada	217	187	15.2	26.9	42.6	15.3	11.9	0.0	1.2	522.1	530.1	520.1	527.1	506.0	.	548.7
Quebec, Canada	175	161	14.2	26.7	46.4	12.7	7.9	0.0	0.0	540.5	549.1	551.9	550.1	474.1	.	.
Norway (8)	239	216	7.1	27.7	50.8	14.4	7.8	0.0	0.4	488.0	489.1	484.5	492.4	482.8	.	481.9
Abu Dhabi, UAE	207	183	30.7	49.3	18.1	1.9	11.4	0.0	0.0	444.3	435.6	441.6	538.4	444.7	.	.
Dubai, UAE	267	247	47.7	26.9	22.8	2.6	3.8	0.0	2.1	512.0	507.6	518.3	558.5	487.9	.	481.3
Florida, US	110	79	27.2	30.3	36.7	5.7	24.8	0.0	0.0	484.7	521.9	497.9	493.1	469.7	.	.

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 (BTBG09F)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	791	24.1	46.1	26.9	2.9	8.8	0.0	1.0	508.5	510.5	504.0	496.1	479.0	.	470.6
Bahrain	201	198	56.2	32.6	8.7	2.6	1.0	0.0	1.5	456.3	444.6	459.7	525.8	452.8	.	415.3
Botswana	169	155	27.1	36.8	31.5	4.6	5.5	0.0	0.3	393.8	389.6	391.7	387.2	383.2	.	384.6
Canada	409	365	19.9	21.3	41.2	17.5	9.7	0.0	0.7	535.8	528.7	529.3	528.5	497.7	.	548.7
Chile	173	154	13.7	25.2	43.8	17.2	9.4	0.0	0.7	450.2	418.3	432.5	420.5	406.3	.	467.6
Chinese Taipei	216	216	5.3	16.1	55.9	22.6	0.0	0.0	0.0	607.8	612.8	597.7	590.9	.	.	.
Egypt	215	214	29.5	33.4	27.7	9.4	0.7	0.0	0.0	406.6	396.4	375.3	379.4	428.8	.	.
England	215	184	18.3	38.3	35.9	7.6	13.1	0.0	0.0	534.8	508.8	517.7	514.2	525.4	.	.
Georgia	188	186	12.4	49.0	36.5	2.1	0.0	0.0	0.5	455.3	458.1	447.4	429.0	.	.	444.2
Hong Kong SAR	175	173	4.3	37.5	45.9	12.4	1.8	0.0	0.0	637.9	584.8	597.0	594.3	615.8	.	.
Hungary	278	267	4.2	35.5	51.7	8.6	3.4	0.0	0.6	538.1	503.5	520.4	513.6	518.2	.	468.5
Iran, Islamic Rep. of	251	250	21.7	25.5	35.6	17.2	0.0	0.0	0.2	446.3	450.4	432.8	410.6	.	.	425.0
Ireland	526	481	23.6	39.4	30.8	6.2	6.7	0.0	0.6	535.3	524.3	512.9	520.9	530.7	.	491.6
Israel	603	542	39.4	29.1	21.1	10.3	6.2	0.0	1.8	517.6	492.1	516.3	522.0	516.4	.	519.3
Italy	230	213	6.4	25.9	50.6	17.1	4.6	0.0	1.2	485.1	496.3	492.1	494.9	512.6	.	517.7
Japan	231	229	3.1	19.4	56.5	21.1	0.3	0.0	0.4	581.5	590.4	585.0	587.6	571.1	.	592.8
Jordan	260	259	20.7	46.0	28.3	5.0	0.0	0.0	1.0	405.3	388.6	370.4	359.3	.	.	396.7
Kazakhstan	239	238	13.2	63.4	23.4	0.0	0.4	0.0	0.0	563.5	522.9	521.2	.	518.8	.	.
Korea, Rep. of	317	316	16.5	55.3	27.4	0.7	0.0	0.0	0.2	609.3	607.5	601.8	547.0	.	.	548.1
Kuwait	191	187	58.3	32.5	8.5	0.8	1.4	0.0	0.5	389.2	393.3	415.5	340.1	401.3	.	380.7
Lebanon	185	175	23.6	34.0	34.1	8.4	2.3	0.0	3.1	449.3	440.1	441.7	436.2	451.2	.	432.8
Lithuania	269	255	4.3	26.3	62.4	7.1	4.8	0.0	1.9	533.1	502.2	513.7	500.9	524.4	.	513.7
Malaysia	326	304	24.8	66.3	8.0	0.8	6.2	0.0	0.0	487.8	457.0	474.5	443.0	455.7	.	544.2
Malta	224	213	20.5	24.0	40.9	14.7	4.6	0.0	0.0	509.6	482.1	494.5	492.0	478.6	.	.
Morocco	373	362	8.0	22.8	34.5	34.7	2.3	0.0	0.3	409.1	383.8	381.6	381.6	384.9	.	402.3
New Zealand	489	442	25.5	36.5	31.7	6.4	3.7	0.0	5.9	489.0	496.3	494.6	486.5	472.4	.	496.4
Norway	239	217	7.7	39.6	47.0	5.7	7.3	0.0	0.0	507.3	514.9	512.5	502.1	499.7	.	.
Oman	356	355	24.6	35.6	27.7	12.0	0.0	0.0	0.0	421.8	401.1	398.2	382.5	.	.	352.9
Qatar	250	246	61.2	23.8	13.7	1.3	0.4	0.0	0.2	426.1	437.8	475.3	517.6	546.5	.	360.6
Russian Federation	226	226	7.8	52.0	37.9	2.4	0.0	0.0	0.0	544.2	542.3	531.9	520.7	.	.	.
Saudi Arabia	149	146	34.8	29.5	27.2	8.5	0.6	0.0	1.1	374.0	377.8	344.4	371.6	448.5	.	398.0
Singapore	334	330	13.6	50.7	31.5	4.3	1.7	0.0	0.0	639.6	617.6	619.5	587.1	681.7	.	.
Slovenia	467	439	14.2	40.4	36.9	8.5	5.2	0.0	0.1	520.4	515.4	518.9	505.9	512.1	.	529.9
South Africa	334	330	32.3	35.4	26.6	5.7	0.2	0.0	0.2	385.8	359.7	370.2	387.7	319.9	.	358.0
Sweden	206	199	10.5	31.7	44.9	12.9	1.8	0.0	0.9	509.5	494.3	498.5	514.6	510.0	.	519.0
Thailand	205	204	10.2	45.4	38.3	6.1	0.0	0.0	0.7	443.3	436.7	426.6	410.0	.	.	364.8
Turkey	220	219	13.2	34.5	41.2	11.1	0.0	0.0	0.6	472.6	467.6	451.1	434.8	.	.	429.7
United Arab Emirates	746	679	52.7	34.0	12.1	1.2	7.7	0.0	0.4	465.4	462.3	472.3	481.3	457.1	.	477.2
United States	429	369	27.0	30.7	32.8	9.5	13.6	0.0	0.4	521.5	514.6	521.7	508.8	516.7	.	589.5
International Avg. (39)	12055	11328	21.4	35.9	33.8	8.9	3.5	0.0	0.7	491.5	480.1	481.1	474.4	487.2	.	461.3
Buenos Aires, Argentina	138	61	41.2	31.2	19.1	8.4	57.3	0.0	0.0	381.1	404.8	374.7	416.1	400.5	.	.
Ontario, Canada	217	187	20.4	23.1	41.0	15.4	11.9	0.0	1.2	529.3	523.0	524.4	518.5	506.0	.	548.7
Quebec, Canada	175	161	21.0	19.1	42.0	17.9	7.9	0.0	0.0	551.1	547.4	547.9	552.5	474.1	.	.
Norway (8)	239	216	10.6	39.7	40.2	9.5	7.8	0.0	0.4	491.0	490.0	483.8	485.1	482.8	.	481.9
Abu Dhabi, UAE	207	183	50.8	35.4	11.2	2.7	11.4	0.0	0.0	437.3	447.6	432.4	471.9	444.7	.	.
Dubai, UAE	267	248	53.4	34.2	11.8	0.6	3.8	0.0	1.6	518.7	504.4	514.8	520.5	487.9	.	477.2
Florida, US	110	79	28.8	33.1	33.7	4.4	24.8	0.0	0.0	494.1	513.6	497.6	483.9	469.7	.	.

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 (BTBG09G)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	790	16.8	29.2	37.2	16.8	8.8	0.0	1.4	516.3	510.6	502.6	505.7	478.9	.	489.4
Bahrain	201	198	30.3	38.4	26.3	4.9	1.0	0.0	1.5	455.0	453.0	454.8	462.7	452.8	.	415.3
Botswana	169	155	7.6	15.8	44.6	32.1	5.5	0.0	0.3	381.7	393.0	388.7	396.4	383.2	.	384.6
Canada	409	365	7.2	21.4	44.8	26.6	9.7	0.0	0.7	522.2	532.3	529.5	532.2	497.7	.	548.7
Chile	173	154	10.4	12.6	53.9	23.1	9.4	0.0	0.7	463.0	428.2	421.7	432.5	406.3	.	467.6
Chinese Taipei	216	216	4.0	20.6	51.1	24.3	0.0	0.0	0.0	572.8	610.1	597.8	596.9	.	.	.
Egypt	215	213	20.0	33.3	32.9	13.8	0.7	0.0	0.8	396.0	395.6	394.3	369.3	428.8	.	431.5
England	215	184	10.4	33.3	36.1	20.2	13.1	0.0	0.0	517.7	519.0	520.3	508.4	525.4	.	.
Georgia	188	186	8.8	48.3	40.4	2.5	0.0	0.0	0.5	452.7	458.2	446.7	464.8	.	.	444.2
Hong Kong SAR	175	173	6.1	34.2	40.8	18.9	1.8	0.0	0.0	628.2	585.6	594.3	596.8	615.8	.	.
Hungary	278	268	9.2	50.3	35.4	5.1	3.4	0.0	0.4	532.8	506.5	516.6	541.6	518.2	.	518.0
Iran, Islamic Rep. of	251	249	18.0	21.7	40.3	19.9	0.0	0.0	0.9	438.2	448.3	430.8	434.5	.	.	398.0
Ireland	526	481	14.8	28.0	40.4	16.9	6.7	0.0	0.6	539.8	526.2	515.5	521.8	530.7	.	491.6
Israel	603	544	36.8	34.0	16.3	13.0	6.2	0.0	1.0	516.0	505.3	507.8	512.1	516.4	.	509.8
Italy	230	215	7.5	20.5	45.8	26.2	4.6	0.0	0.3	489.8	494.0	492.9	494.8	512.6	.	533.0
Japan	231	228	4.2	20.9	48.5	26.3	0.3	0.0	0.8	592.0	586.9	587.7	583.0	571.1	.	593.0
Jordan	260	259	14.8	40.7	33.6	10.8	0.0	0.0	1.0	416.1	386.8	380.1	355.0	.	.	396.7
Kazakhstan	239	238	15.7	62.1	22.0	0.2	0.4	0.0	0.0	564.8	520.5	522.3	514.5	518.8	.	.
Korea, Rep. of	317	316	13.3	32.4	46.2	8.0	0.0	0.0	0.2	599.4	619.6	599.5	597.4	.	.	548.1
Kuwait	191	187	39.6	32.0	23.1	5.3	1.4	0.0	0.5	395.4	392.0	383.7	410.2	401.3	.	380.7
Lebanon	185	174	32.7	39.3	22.2	5.8	2.3	0.0	3.5	453.5	431.8	439.0	471.6	451.2	.	426.1
Lithuania	269	258	6.7	40.7	47.3	5.3	4.8	0.0	0.0	515.1	511.1	508.9	517.4	524.4	.	.
Malaysia	326	304	16.7	55.4	26.1	1.9	6.2	0.0	0.0	481.3	462.5	461.8	485.8	455.7	.	544.2
Malta	224	213	13.1	22.1	45.8	18.9	4.6	0.0	0.0	508.8	493.8	499.7	471.5	478.6	.	.
Morocco	373	362	4.5	14.9	39.6	41.0	2.3	0.0	0.3	400.5	391.6	382.6	381.5	384.9	.	402.3
New Zealand	489	441	19.3	34.5	30.3	15.9	3.7	0.0	6.1	504.5	482.2	502.0	486.8	472.4	.	497.5
Norway	239	218	4.5	17.2	51.8	26.5	7.2	0.0	0.0	510.8	515.4	512.5	510.7	499.8	.	.
Oman	356	355	18.0	37.2	33.9	11.0	0.0	0.0	0.0	420.6	403.8	397.7	389.5	.	.	352.9
Qatar	250	246	38.1	33.5	21.9	6.6	0.4	0.0	0.2	432.2	427.4	436.9	510.6	546.5	.	360.6
Russian Federation	226	226	10.5	48.5	37.8	3.2	0.0	0.0	0.0	553.5	537.2	536.1	521.4	.	.	.
Saudi Arabia	149	146	18.7	31.7	39.3	10.4	0.6	0.0	1.1	380.1	376.5	356.4	353.4	448.5	.	398.0
Singapore	334	330	7.9	30.2	47.7	14.2	1.7	0.0	0.0	645.8	618.6	619.8	608.8	681.7	.	.
Slovenia	467	441	6.8	27.5	53.7	12.1	5.1	0.0	0.0	521.2	508.7	520.9	512.6	511.9	.	.
South Africa	334	330	22.6	34.7	32.9	9.8	0.2	0.0	0.2	388.8	364.5	372.8	362.4	319.9	.	358.0
Sweden	206	201	5.8	21.1	41.6	31.5	1.8	0.0	0.0	510.2	493.0	503.3	500.2	510.0	.	.
Thailand	205	205	10.7	42.3	39.2	7.9	0.0	0.0	0.0	428.2	440.3	425.0	419.6	.	.	.
Turkey	220	220	8.6	30.7	46.9	13.8	0.0	0.0	0.0	489.5	461.6	453.1	444.3	.	.	.
United Arab Emirates	746	679	31.7	43.7	20.3	4.3	7.7	0.0	0.6	456.3	469.1	454.6	553.0	457.1	.	416.0
United States	429	369	8.5	19.6	47.0	24.9	13.6	0.0	0.4	530.4	516.6	521.9	508.4	516.7	.	589.5
International Avg. (39)	12055	11337	14.9	32.2	38.1	14.9	3.5	0.0	0.6	490.3	481.5	479.3	483.1	487.2	.	457.5
Buenos Aires, Argentina	138	61	24.9	45.6	19.5	9.9	57.3	0.0	0.0	402.3	400.9	346.4	396.9	400.5	.	.
Ontario, Canada	217	187	6.2	20.0	43.9	29.9	11.9	0.0	1.2	507.9	524.2	526.3	524.5	506.0	.	548.7
Quebec, Canada	175	161	10.9	26.6	41.9	20.6	7.9	0.0	0.0	536.7	546.8	548.1	561.6	474.1	.	.
Norway (8)	239	216	2.2	13.3	55.9	28.6	7.8	0.0	0.4	487.1	481.1	490.7	482.9	482.8	.	481.9
Abu Dhabi, UAE	207	182	27.2	45.6	22.2	5.0	11.4	0.0	0.5	441.8	440.1	420.8	552.3	444.7	.	337.5
Dubai, UAE	267	249	27.8	45.0	23.0	4.1	3.8	0.0	1.3	503.7	520.4	503.1	562.1	487.9	.	459.4
Florida, US	110	79	19.0	18.8	35.1	27.1	24.8	0.0	0.0	477.7	533.8	505.3	490.1	469.7	.	.

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 (BTBG10A)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	789	50.1	37.3	11.1	1.5	8.8	0.0	0.9	513.5	507.5	488.8	489.2	479.0	.	437.8
Bahrain	201	198	55.7	31.6	10.8	1.9	1.0	0.0	1.5	457.9	453.3	446.0	424.7	452.8	.	415.3
Botswana	169	154	48.5	35.6	13.8	2.2	5.5	0.0	1.1	396.2	384.2	390.7	384.9	383.2	.	418.9
Canada	409	364	57.7	34.7	6.9	0.6	9.7	0.0	1.0	528.0	539.8	504.6	500.2	497.7	.	544.5
Chile	173	149	67.5	28.3	4.1	0.0	9.4	0.0	4.7	436.1	417.0	428.0	.	406.3	.	415.2
Chinese Taipei	216	214	53.5	37.4	9.2	0.0	0.0	0.0	0.6	603.5	595.2	592.8	.	.	.	554.0
Egypt	215	214	80.9	14.2	4.1	0.9	0.7	0.0	0.0	394.4	385.7	368.7	376.7	428.8	.	.
England	215	184	24.4	51.4	21.2	3.0	13.1	0.0	0.0	529.7	513.4	516.9	482.3	525.4	.	.
Georgia	188	186	39.2	46.6	13.5	0.7	0.0	0.0	0.7	455.7	458.7	430.9	418.9	.	.	412.4
Hong Kong SAR	175	162	36.7	53.0	9.7	0.5	1.8	0.0	6.8	599.5	593.2	558.7	585.2	615.8	.	617.2
Hungary	278	267	24.6	58.0	17.2	0.2	3.4	0.0	0.7	537.7	509.8	497.0	474.5	518.2	.	502.4
Iran, Islamic Rep. of	251	250	50.3	31.4	14.5	3.8	0.0	0.0	0.2	435.1	446.4	426.3	409.3	.	.	425.0
Ireland	526	480	60.5	31.2	7.9	0.4	6.7	0.0	0.8	530.9	515.0	497.3	580.2	530.7	.	465.6
Israel	603	542	65.2	31.1	3.2	0.5	6.2	0.0	1.2	514.1	504.1	494.1	525.7	516.4	.	516.9
Italy	230	213	31.3	54.4	13.1	1.2	4.6	0.0	1.8	502.3	485.5	504.2	481.9	512.6	.	513.8
Japan	231	228	31.9	44.2	22.7	1.2	0.3	0.0	0.6	590.6	584.0	585.5	578.8	571.1	.	607.7
Jordan	260	259	45.3	35.2	15.4	4.0	0.0	0.0	0.3	388.9	388.6	377.1	353.4	.	.	386.7
Kazakhstan	239	238	59.3	36.8	3.8	0.2	0.4	0.0	0.0	527.4	528.9	526.2	501.6	518.8	.	.
Korea, Rep. of	317	317	34.0	46.3	18.3	1.4	0.0	0.0	0.0	606.1	606.4	606.2	567.7	.	.	.
Kuwait	191	187	68.7	21.0	7.4	2.8	1.4	0.0	0.8	393.6	390.3	379.6	410.7	401.3	.	390.6
Lebanon	185	177	60.1	33.8	5.9	0.1	2.3	0.0	1.8	447.0	431.4	460.3	405.2	451.2	.	428.2
Lithuania	269	258	37.1	50.5	12.4	0.1	4.8	0.0	0.0	519.5	503.2	515.1	467.0	524.4	.	.
Malaysia	326	301	55.3	38.3	6.4	0.0	6.2	0.0	0.8	466.6	467.7	457.5	.	455.7	.	407.3
Malta	224	213	54.3	34.2	11.5	0.0	4.6	0.0	0.0	496.3	507.6	445.0	.	478.6	.	.
Morocco	373	362	45.6	35.1	18.8	0.6	2.3	0.0	0.3	388.5	381.7	378.1	414.2	384.9	.	402.3
New Zealand	489	443	45.1	41.4	13.2	0.2	3.7	0.0	5.5	496.1	495.1	477.9	497.8	472.4	.	496.9
Norway	239	219	47.0	46.7	6.3	0.0	7.1	0.0	0.0	510.5	515.1	508.3	.	499.3	.	.
Oman	356	355	56.8	27.9	14.1	1.2	0.0	0.0	0.0	404.2	407.4	393.7	366.0	.	.	352.9
Qatar	250	245	74.3	21.3	3.6	0.7	0.4	0.0	0.7	441.3	412.6	501.3	372.7	546.5	.	403.3
Russian Federation	226	224	36.4	55.1	8.4	0.0	0.0	0.0	0.8	541.3	541.9	502.3	.	.	.	499.2
Saudi Arabia	149	146	62.4	27.3	9.3	1.0	0.6	0.0	1.1	366.4	368.4	366.6	360.6	448.5	.	398.0
Singapore	334	328	32.9	53.1	13.8	0.2	1.7	0.0	0.6	628.2	615.0	620.8	531.9	681.7	.	607.6
Slovenia	467	440	38.1	54.7	6.9	0.3	5.2	0.0	0.0	516.9	516.3	518.9	498.5	510.2	.	.
South Africa	334	327	47.8	38.6	9.8	3.8	0.2	0.0	0.8	369.3	375.9	388.5	330.6	319.9	.	401.1
Sweden	206	201	28.7	51.5	18.5	1.2	1.8	0.0	0.0	499.2	501.6	499.1	507.2	510.0	.	.
Thailand	205	204	70.5	28.3	0.3	0.8	0.0	0.0	0.6	430.6	433.6	386.2	501.5	.	.	359.4
Turkey	220	220	39.6	40.6	18.0	1.7	0.0	0.0	0.0	468.6	453.7	444.2	438.1	.	.	.
United Arab Emirates	746	672	61.4	30.5	7.3	0.8	7.7	0.0	1.1	463.6	475.5	452.2	430.8	456.9	.	411.6
United States	429	369	45.0	34.1	18.9	2.1	13.6	0.0	0.4	518.3	523.3	511.5	494.7	516.7	.	589.5
International Avg. (39)	12055	11299	49.3	38.5	11.1	1.1	3.5	0.0	1.0	485.0	480.4	473.0	459.5	487.2	.	461.4
Buenos Aires, Argentina	138	61	74.7	22.4	2.9	0.0	57.3	0.0	0.0	385.1	408.4	381.4	.	400.5	.	.
Ontario, Canada	217	186	60.5	29.5	9.5	0.5	11.9	0.0	1.7	525.8	527.5	506.0	463.2	506.0	.	544.5
Quebec, Canada	175	161	47.3	49.5	2.1	1.1	7.9	0.0	0.0	544.7	555.4	517.4	530.8	474.1	.	.
Norway (8)	239	215	48.5	46.3	5.2	0.0	8.0	0.0	0.4	487.8	487.7	475.4	.	482.8	.	481.9
Abu Dhabi, UAE	207	179	55.8	34.0	10.2	0.0	11.6	0.0	1.5	436.1	455.0	434.9	.	444.6	.	376.3
Dubai, UAE	267	248	63.2	32.5	3.7	0.7	3.8	0.0	1.3	509.7	526.5	498.8	359.5	487.9	.	437.2
Florida, US	110	79	37.0	35.1	25.2	2.7	24.8	0.0	0.0	499.2	522.6	470.3	543.4	469.7	.	.

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 (BTBG10B)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	788	47.6	38.1	13.1	1.2	8.8	0.0	1.9	514.6	510.6	481.5	470.1	479.0	.	474.6
Bahrain	201	198	51.0	36.8	11.1	1.1	1.0	0.0	1.5	459.5	445.5	461.7	452.4	452.8	.	415.3
Botswana	169	155	22.4	28.7	34.5	14.5	5.5	0.0	0.3	405.8	389.6	387.8	380.5	383.2	.	384.6
Canada	409	364	54.0	37.2	8.2	0.5	9.7	0.0	1.0	528.4	534.7	522.5	539.3	497.7	.	544.5
Chile	173	149	53.7	29.5	16.8	0.0	9.4	0.0	4.7	439.0	429.1	405.1	.	406.3	.	415.2
Chinese Taipei	216	214	44.3	43.9	10.9	0.9	0.0	0.0	0.6	608.6	596.0	575.5	599.7	.	.	554.0
Egypt	215	214	72.4	17.7	7.7	2.1	0.7	0.0	0.0	398.8	374.4	367.6	394.4	428.8	.	.
England	215	184	30.6	51.0	16.7	1.7	13.1	0.0	0.0	530.8	513.3	510.7	450.1	525.4	.	.
Georgia	188	186	60.7	33.8	5.5	0.0	0.0	0.0	0.7	460.0	446.0	427.6	.	.	.	412.4
Hong Kong SAR	175	162	28.4	51.2	18.8	1.6	1.8	0.0	6.8	611.9	584.7	587.4	536.0	615.8	.	617.2
Hungary	278	267	36.9	46.7	13.9	2.5	3.4	0.0	0.7	533.7	510.9	474.4	515.7	518.2	.	502.4
Iran, Islamic Rep. of	251	248	60.5	29.0	8.5	2.0	0.0	0.0	1.0	445.9	422.0	425.3	408.0	.	.	424.2
Ireland	526	481	64.2	26.5	8.6	0.7	6.7	0.0	0.5	531.2	513.1	496.1	530.4	530.7	.	455.0
Israel	603	542	67.0	25.1	6.7	1.2	6.2	0.0	1.2	517.8	495.0	505.5	449.6	516.4	.	516.9
Italy	230	213	34.6	56.9	7.6	0.8	4.6	0.0	1.8	502.9	487.4	490.7	501.3	512.6	.	513.8
Japan	231	228	23.2	43.1	31.3	2.4	0.3	0.0	0.6	594.2	583.2	585.5	579.4	571.1	.	607.7
Jordan	260	258	45.3	39.0	13.9	1.8	0.0	0.0	0.9	389.4	390.2	367.6	346.0	.	.	346.9
Kazakhstan	239	237	56.2	41.0	2.8	0.0	0.4	0.0	0.4	529.9	524.0	557.0	.	518.8	.	423.2
Korea, Rep. of	317	317	27.2	46.9	24.4	1.5	0.0	0.0	0.0	607.9	604.4	608.7	562.8	.	.	.
Kuwait	191	187	59.6	35.4	4.5	0.5	1.4	0.0	0.8	393.1	395.3	370.2	297.7	401.3	.	390.6
Lebanon	185	177	58.7	31.7	9.2	0.4	2.3	0.0	1.8	445.7	437.0	442.5	401.0	451.2	.	428.2
Lithuania	269	258	42.7	49.1	7.8	0.4	4.8	0.0	0.0	515.7	508.4	498.7	486.9	524.4	.	.
Malaysia	326	300	40.0	48.7	11.3	0.0	6.2	0.0	1.0	464.7	469.8	457.6	.	455.7	.	424.1
Malta	224	213	52.4	30.9	14.8	2.0	4.6	0.0	0.0	505.0	498.7	452.3	454.1	478.6	.	.
Morocco	373	362	36.0	42.2	15.4	6.4	2.3	0.0	0.3	397.2	380.8	373.0	361.8	384.9	.	402.3
New Zealand	489	443	45.9	38.5	14.9	0.6	3.7	0.0	5.5	495.4	499.1	472.3	484.5	472.4	.	496.9
Norway	239	218	49.0	45.6	5.4	0.0	7.2	0.0	0.0	511.1	514.1	511.3	.	499.2	.	.
Oman	356	354	57.4	33.2	7.5	1.8	0.0	0.0	0.3	408.4	396.2	397.3	389.9	.	.	401.9
Qatar	250	245	71.3	20.6	6.8	1.3	0.4	0.0	0.7	435.4	435.0	466.9	390.8	546.5	.	403.3
Russian Federation	226	225	44.4	49.8	5.8	0.0	0.0	0.0	0.4	549.2	531.8	507.8	.	.	.	510.2
Saudi Arabia	149	146	52.1	31.0	13.7	3.2	0.6	0.0	1.1	369.1	367.9	361.1	345.2	448.5	.	398.0
Singapore	334	328	27.2	48.6	22.3	1.9	1.7	0.0	0.6	628.7	619.5	613.9	578.9	681.7	.	607.6
Slovenia	467	441	44.6	44.4	10.7	0.3	5.1	0.0	0.0	515.6	517.7	516.2	498.5	511.9	.	.
South Africa	334	326	41.8	33.8	22.0	2.4	0.2	0.0	1.0	393.3	358.3	358.5	332.0	319.9	.	384.5
Sweden	206	200	35.6	49.6	14.2	0.6	1.8	0.0	0.5	499.1	503.9	489.7	509.9	510.0	.	563.9
Thailand	205	204	57.1	36.7	5.4	0.8	0.0	0.0	0.6	435.4	427.1	416.9	499.8	.	.	359.4
Turkey	220	220	32.5	36.2	25.2	6.1	0.0	0.0	0.0	482.6	460.5	432.8	410.0	.	.	.
United Arab Emirates	746	673	61.2	31.0	7.3	0.5	7.7	0.0	1.2	460.4	476.9	469.6	449.9	456.9	.	411.0
United States	429	369	45.5	35.4	15.5	3.6	13.6	0.0	0.4	524.9	514.2	517.2	477.9	516.7	.	589.5
International Avg. (39)	12055	11294	47.1	38.3	12.8	1.8	3.5	0.0	1.0	488.2	478.6	470.9	457.1	487.2	.	463.8
Buenos Aires, Argentina	138	61	77.3	20.3	2.5	0.0	57.3	0.0	0.0	389.4	394.8	376.8	.	400.5	.	.
Ontario, Canada	217	186	57.3	32.5	9.3	0.9	11.9	0.0	1.7	524.2	525.1	517.9	546.3	506.0	.	544.5
Quebec, Canada	175	161	46.6	49.0	4.3	0.1	7.9	0.0	0.0	550.0	549.7	539.6	434.0	474.1	.	.
Norway (8)	239	216	50.2	44.4	4.6	0.8	7.8	0.0	0.4	489.1	486.0	481.1	460.2	482.8	.	481.9
Abu Dhabi, UAE	207	179	56.6	32.7	9.7	1.0	11.6	0.0	1.5	433.6	462.3	426.2	444.4	444.6	.	376.3
Dubai, UAE	267	247	55.8	35.4	8.4	0.4	3.8	0.0	1.6	510.8	511.8	546.0	495.8	487.9	.	437.3
Florida, US	110	79	39.4	37.4	19.4	3.8	24.8	0.0	0.0	498.9	520.1	478.5	458.0	469.7	.	.

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 (BTBG10C)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	787	48.1	35.3	15.1	1.4	8.8	0.0	1.0	516.6	509.3	480.0	494.9	479.1	.	448.6
Bahrain	201	198	76.9	19.7	2.7	0.7	1.0	0.0	1.5	453.4	451.5	519.2	414.4	452.8	.	415.3
Botswana	169	155	53.3	32.1	12.5	2.0	5.5	0.0	0.3	393.3	387.9	392.6	383.0	383.2	.	384.6
Canada	409	364	63.1	29.6	7.4	0.0	9.7	0.0	1.0	530.0	534.5	515.8	.	497.7	.	544.5
Chile	173	149	75.5	20.2	4.3	0.0	9.4	0.0	4.7	432.3	425.0	422.0	.	406.3	.	415.2
Chinese Taipei	216	214	46.8	43.8	9.4	0.0	0.0	0.0	0.6	604.5	597.3	584.0	.	.	.	554.0
Egypt	215	213	75.4	20.0	3.1	1.5	0.7	0.0	0.7	400.4	370.2	346.9	381.5	428.8	.	323.7
England	215	183	36.0	46.2	17.5	0.3	13.1	0.0	0.2	526.1	513.1	511.7	467.4	525.4	.	435.6
Georgia	188	186	76.7	19.5	3.8	0.0	0.0	0.0	0.7	454.6	450.3	446.8	.	.	.	412.4
Hong Kong SAR	175	162	38.0	53.8	7.7	0.6	1.8	0.0	6.8	606.2	584.9	583.8	455.3	615.8	.	617.2
Hungary	278	267	29.2	55.0	15.0	0.8	3.4	0.0	0.7	537.4	513.2	470.7	570.0	518.2	.	502.4
Iran, Islamic Rep. of	251	250	77.6	15.1	5.8	1.5	0.0	0.0	0.2	440.3	428.5	412.1	409.1	.	.	425.0
Ireland	526	479	51.1	36.8	11.5	0.6	6.7	0.0	0.9	532.1	519.4	496.4	566.5	530.7	.	469.3
Israel	603	542	71.9	24.8	3.3	0.0	6.2	0.0	1.2	513.3	506.2	479.3	.	516.4	.	516.9
Italy	230	213	54.8	36.1	8.7	0.4	4.6	0.0	1.8	496.3	488.1	496.5	441.4	512.6	.	513.8
Japan	231	228	29.1	50.9	18.9	1.1	0.3	0.0	0.6	590.3	586.5	581.2	570.2	571.1	.	607.7
Jordan	260	259	60.8	32.4	5.6	1.2	0.0	0.0	0.3	389.6	384.4	354.6	357.0	.	.	386.7
Kazakhstan	239	237	56.4	41.5	1.4	0.6	0.4	0.0	0.4	534.2	518.0	534.6	652.0	518.8	.	423.2
Korea, Rep. of	317	317	35.6	48.6	15.4	0.4	0.0	0.0	0.0	607.1	601.3	617.1	588.1	.	.	.
Kuwait	191	187	68.3	27.2	4.0	0.5	1.4	0.0	0.8	394.8	389.5	376.6	333.9	401.3	.	390.6
Lebanon	185	178	64.7	27.2	4.6	3.5	2.3	0.0	0.9	443.4	445.1	439.3	402.0	451.2	.	443.6
Lithuania	269	258	48.8	44.4	6.8	0.0	4.8	0.0	0.0	514.1	507.2	509.1	.	524.4	.	.
Malaysia	326	301	59.7	38.7	1.1	0.6	6.2	0.0	0.8	469.2	459.9	499.1	553.6	455.7	.	407.3
Malta	224	213	40.8	39.9	18.9	0.3	4.6	0.0	0.0	495.6	504.3	472.9	349.3	478.6	.	.
Morocco	373	361	61.2	29.5	8.4	0.9	2.3	0.0	0.7	387.1	379.3	381.3	382.5	384.9	.	396.9
New Zealand	489	443	41.7	43.9	14.1	0.3	3.7	0.0	5.5	494.7	489.6	501.5	454.4	472.4	.	496.9
Norway	239	219	61.1	37.1	1.7	0.0	7.1	0.0	0.0	511.2	514.5	515.4	.	499.3	.	.
Oman	356	355	71.2	23.5	4.6	0.7	0.0	0.0	0.0	405.5	392.9	410.9	454.8	.	.	352.9
Qatar	250	245	76.6	18.0	5.4	0.0	0.4	0.0	0.7	430.7	440.5	512.2	.	546.5	.	403.3
Russian Federation	226	225	48.7	47.1	4.3	0.0	0.0	0.0	0.4	547.8	530.7	508.6	.	.	.	510.2
Saudi Arabia	149	146	74.8	21.8	3.1	0.2	0.6	0.0	1.1	368.5	358.2	391.8	319.8	448.5	.	398.0
Singapore	334	328	36.1	51.4	12.3	0.2	1.7	0.0	0.6	630.3	616.4	606.0	531.9	681.7	.	607.6
Slovenia	467	440	43.0	52.4	4.6	0.0	5.2	0.0	0.0	517.6	516.0	515.6	.	510.2	.	.
South Africa	334	327	50.1	37.3	11.5	1.1	0.2	0.0	0.8	376.5	366.4	375.0	350.4	319.9	.	401.1
Sweden	206	201	62.1	33.5	4.5	0.0	1.8	0.0	0.0	502.6	496.5	503.0	.	510.0	.	.
Thailand	205	203	59.0	36.0	5.0	0.0	0.0	0.0	1.4	429.9	436.4	411.3	.	.	.	440.4
Turkey	220	220	66.7	27.9	4.6	0.7	0.0	0.0	0.0	458.5	457.0	459.3	393.4	.	.	.
United Arab Emirates	746	673	67.7	27.4	4.6	0.3	7.7	0.0	1.1	459.3	480.1	482.2	449.1	456.9	.	417.2
United States	429	369	46.8	36.9	14.6	1.6	13.6	0.0	0.4	516.0	522.6	517.4	493.1	516.7	.	589.5
International Avg. (39)	12055	11295	56.5	34.9	7.9	0.6	3.5	0.0	1.0	484.9	478.8	477.8	452.6	487.2	.	457.9
Buenos Aires, Argentina	138	61	67.2	27.9	4.4	0.4	57.3	0.0	0.0	383.6	393.1	476.4	356.1	400.5	.	.
Ontario, Canada	217	186	57.4	33.1	9.5	0.0	11.9	0.0	1.7	522.4	530.5	512.0	.	506.0	.	544.5
Quebec, Canada	175	161	73.6	22.8	3.7	0.0	7.9	0.0	0.0	547.5	555.9	544.0	.	474.1	.	.
Norway (8)	239	216	57.9	37.4	4.2	0.4	7.8	0.0	0.4	487.0	487.6	485.5	476.3	482.8	.	481.9
Abu Dhabi, UAE	207	179	66.1	28.8	4.3	0.8	11.6	0.0	1.5	438.7	448.9	454.1	449.1	444.6	.	376.3
Dubai, UAE	267	247	59.9	35.0	5.1	0.0	3.8	0.0	1.5	507.3	522.6	527.3	.	487.9	.	456.0
Florida, US	110	79	42.0	39.6	18.4	0.0	24.8	0.0	0.0	501.0	515.4	471.8	.	469.7	.	.

Question: How often do you feel the following way about being a teacher? I am enthusiastic about my job
Location: TQG-10d (BTBG10D)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	784	53.4	35.1	9.9	1.6	9.1	0.0	0.9	512.2	503.5	505.4	493.8	479.8	.	437.8
Bahrain	201	198	63.4	30.7	5.9	0.0	1.0	0.0	1.5	456.8	447.5	467.0	.	452.8	.	415.3
Botswana	169	155	50.5	38.5	9.8	1.3	5.5	0.0	0.3	391.0	389.2	400.5	395.1	383.2	.	384.6
Canada	409	364	54.2	38.3	6.7	0.8	9.7	0.0	1.0	527.9	535.2	524.9	499.2	497.7	.	544.5
Chile	173	149	68.8	29.0	2.2	0.0	9.4	0.0	4.7	432.1	429.2	390.6	.	406.3	.	415.2
Chinese Taipei	216	214	43.6	45.0	11.4	0.0	0.0	0.0	0.6	604.4	597.4	588.0	.	.	.	554.0
Egypt	215	214	80.4	15.7	1.9	2.0	0.7	0.0	0.0	394.6	383.5	374.3	369.5	428.8	.	.
England	215	184	40.3	45.4	12.7	1.7	13.1	0.0	0.0	530.1	510.9	498.9	514.6	525.4	.	.
Georgia	188	185	72.7	24.8	2.5	0.0	0.0	0.0	0.9	453.7	452.5	452.9	.	.	.	434.7
Hong Kong SAR	175	161	42.7	51.5	5.4	0.5	1.8	0.0	7.0	606.8	582.1	577.8	585.2	615.8	.	612.4
Hungary	278	267	36.0	54.0	10.0	0.0	3.4	0.0	0.7	519.3	509.6	522.7	.	518.2	.	502.4
Iran, Islamic Rep. of	251	249	69.0	23.0	6.4	1.6	0.0	0.0	0.6	440.1	435.2	420.8	356.3	.	.	426.8
Ireland	526	480	63.7	30.4	5.6	0.4	6.7	0.0	0.6	528.6	517.7	490.0	580.2	530.7	.	467.2
Israel	603	542	59.9	29.5	9.2	1.3	6.2	0.0	1.2	513.6	512.3	486.4	493.4	516.4	.	516.9
Italy	230	213	32.8	47.1	17.5	2.7	4.6	0.0	1.8	499.6	487.4	495.0	503.2	512.6	.	513.8
Japan	231	227	28.7	52.9	16.9	1.5	0.3	0.0	0.9	587.7	586.8	583.9	579.4	571.1	.	592.9
Jordan	260	258	56.9	33.2	7.7	2.1	0.0	0.0	0.8	387.9	386.6	372.2	346.8	.	.	407.8
Kazakhstan	239	237	65.1	32.3	2.5	0.0	0.4	0.0	0.4	530.8	520.6	560.3	.	518.8	.	423.2
Korea, Rep. of	317	317	41.2	51.9	6.7	0.2	0.0	0.0	0.0	603.6	607.4	608.8	494.3	.	.	.
Kuwait	191	187	73.3	22.4	3.7	0.6	1.4	0.0	0.8	394.8	385.7	394.6	331.9	401.3	.	390.6
Lebanon	185	173	60.1	30.8	8.6	0.5	2.3	0.0	3.0	448.7	440.2	410.2	417.1	451.2	.	430.3
Lithuania	269	258	33.2	53.0	13.7	0.1	4.8	0.0	0.0	517.8	507.5	505.7	452.2	524.4	.	.
Malaysia	326	301	54.4	44.9	0.7	0.0	6.2	0.0	0.8	468.3	464.0	480.5	.	455.7	.	407.3
Malta	224	212	46.0	40.2	13.5	0.3	4.6	0.0	0.6	498.2	496.9	472.9	349.3	478.6	.	566.0
Morocco	373	362	54.1	37.3	8.3	0.4	2.3	0.0	0.3	387.6	380.5	379.8	387.1	384.9	.	402.3
New Zealand	489	443	48.4	41.3	8.6	1.6	3.7	0.0	5.5	494.0	495.6	474.4	514.8	472.4	.	496.9
Norway	239	219	50.2	44.6	5.2	0.0	7.1	0.0	0.0	510.2	514.5	517.4	.	499.3	.	.
Oman	356	355	60.9	30.8	6.9	1.3	0.0	0.0	0.0	404.1	402.5	401.7	384.0	.	.	352.9
Qatar	250	245	76.5	18.8	3.7	1.0	0.4	0.0	0.7	437.4	433.2	455.1	399.1	546.5	.	403.3
Russian Federation	226	225	46.7	48.7	4.5	0.0	0.0	0.0	0.4	550.0	529.6	506.5	.	.	.	510.2
Saudi Arabia	149	146	65.1	28.1	6.4	0.4	0.6	0.0	1.1	369.8	362.8	355.2	365.8	448.5	.	398.0
Singapore	334	328	33.6	48.1	18.1	0.2	1.7	0.0	0.6	627.0	619.1	610.4	531.9	681.7	.	607.6
Slovenia	467	441	35.5	46.4	17.7	0.5	5.1	0.0	0.0	515.4	516.7	519.7	478.1	511.9	.	.
South Africa	334	325	58.5	34.0	7.0	0.5	0.2	0.0	1.3	377.6	363.7	372.8	368.6	319.9	.	367.7
Sweden	206	201	33.9	51.3	14.8	0.0	1.8	0.0	0.0	494.8	504.1	501.3	.	510.0	.	.
Thailand	205	204	52.1	45.5	2.4	0.0	0.0	0.0	0.6	438.8	424.0	429.2	.	.	.	359.4
Turkey	220	220	44.0	38.4	16.4	1.1	0.0	0.0	0.0	461.3	459.6	445.4	424.3	.	.	.
United Arab Emirates	746	674	68.5	26.5	4.8	0.2	7.7	0.0	1.1	462.8	475.2	465.5	395.0	456.9	.	408.5
United States	429	369	47.6	36.9	14.2	1.3	13.6	0.0	0.4	515.8	522.6	514.7	522.3	516.7	.	589.5
International Avg. (39)	12055	11286	53.0	37.9	8.5	0.7	3.5	0.0	1.1	484.5	479.3	475.2	447.6	487.3	.	462.6
Buenos Aires, Argentina	138	61	70.8	26.1	3.1	0.0	57.3	0.0	0.0	390.2	386.2	424.0	.	400.5	.	.
Ontario, Canada	217	186	55.5	36.7	7.0	0.8	11.9	0.0	1.7	528.0	521.6	511.7	475.0	506.0	.	544.5
Quebec, Canada	175	161	48.5	43.5	6.9	1.1	7.9	0.0	0.0	540.4	559.2	551.8	530.8	474.1	.	.
Norway (8)	239	216	48.6	45.5	5.5	0.4	7.8	0.0	0.4	488.2	488.0	470.8	474.1	482.8	.	481.9
Abu Dhabi, UAE	207	179	69.9	24.8	5.0	0.3	11.6	0.0	1.5	442.4	441.1	451.2	371.9	444.6	.	376.3
Dubai, UAE	267	248	62.6	31.5	5.9	0.0	3.8	0.0	1.3	509.0	525.0	503.9	.	487.9	.	437.2
Florida, US	110	79	42.5	42.4	13.6	1.6	24.8	0.0	0.0	494.3	508.6	511.8	403.0	469.7	.	.

Question: How often do you feel the following way about being a teacher? My work inspires me
Location: TQG-10e (BTBG10E)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	788	42.5	38.2	16.8	2.5	8.8	0.0	1.0	514.1	503.7	503.9	502.6	479.1	.	448.6
Bahrain	201	198	58.3	27.6	13.2	0.9	1.0	0.0	1.5	459.4	443.3	457.6	436.9	452.8	.	415.3
Botswana	169	154	42.2	34.5	20.3	3.0	5.5	0.0	0.8	392.4	391.8	388.3	400.3	383.2	.	352.0
Canada	409	362	51.6	37.0	10.1	1.3	9.7	0.0	1.4	527.2	533.7	533.9	518.3	497.7	.	548.1
Chile	173	149	62.9	31.4	5.5	0.2	9.4	0.0	4.7	432.5	432.7	393.0	436.1	406.3	.	415.2
Chinese Taipei	216	214	35.4	47.2	17.0	0.3	0.0	0.0	0.6	610.8	592.6	595.8	528.3	.	.	554.0
Egypt	215	213	69.1	25.5	4.9	0.5	0.7	0.0	0.4	396.8	380.5	384.1	388.8	428.8	.	390.4
England	215	184	30.6	43.8	24.4	1.2	13.1	0.0	0.0	530.0	511.7	512.4	485.5	525.4	.	.
Georgia	188	186	57.9	34.7	7.4	0.0	0.0	0.0	0.7	453.0	453.0	459.1	.	.	.	412.4
Hong Kong SAR	175	162	24.8	51.0	24.2	0.0	1.8	0.0	6.8	615.9	588.1	576.3	.	615.8	.	617.2
Hungary	278	266	32.2	56.6	11.1	0.2	3.4	0.0	1.0	520.3	510.6	516.1	541.3	518.2	.	502.8
Iran, Islamic Rep. of	251	249	64.0	25.9	6.7	3.3	0.0	0.0	0.8	434.8	445.9	437.1	407.4	.	.	362.7
Ireland	526	480	47.7	37.0	12.9	2.3	6.7	0.0	0.7	530.7	520.8	504.7	515.3	530.7	.	480.2
Israel	603	542	56.8	29.9	12.1	1.2	6.2	0.0	1.2	513.3	509.7	501.5	480.9	516.4	.	516.9
Italy	230	213	32.7	49.3	16.8	1.2	4.6	0.0	1.8	504.3	489.0	484.4	481.9	512.6	.	513.8
Japan	231	228	28.5	49.9	19.6	2.0	0.3	0.0	0.6	588.0	587.2	580.8	596.7	571.1	.	607.7
Jordan	260	259	50.3	37.1	9.5	3.0	0.0	0.0	0.3	387.0	383.7	395.7	352.8	.	.	386.7
Kazakhstan	239	237	51.8	46.4	1.8	0.0	0.4	0.0	0.4	538.5	515.5	560.8	.	518.8	.	423.2
Korea, Rep. of	317	317	40.6	49.0	9.5	0.9	0.0	0.0	0.0	606.6	605.1	605.4	605.3	.	.	.
Kuwait	191	187	58.2	34.8	6.5	0.5	1.4	0.0	0.8	397.3	388.3	370.0	389.5	401.3	.	390.6
Lebanon	185	177	58.8	30.7	10.5	0.0	2.3	0.0	1.4	443.3	442.9	436.5	.	451.2	.	422.6
Lithuania	269	256	31.4	45.0	23.6	0.1	4.8	0.0	0.1	520.2	500.6	517.2	452.2	524.4	.	534.5
Malaysia	326	301	52.5	42.9	4.6	0.0	6.2	0.0	0.8	466.8	461.6	508.0	.	455.7	.	407.3
Malta	224	212	45.1	38.0	16.6	0.3	4.6	0.0	0.7	492.8	506.7	472.3	349.3	478.6	.	503.9
Morocco	373	357	45.4	41.4	12.3	0.9	2.3	0.0	1.4	388.6	380.0	383.3	402.7	384.9	.	376.7
New Zealand	489	443	34.1	44.1	19.6	2.2	3.7	0.0	5.5	493.7	496.6	483.3	508.9	472.4	.	496.9
Norway	239	219	44.6	46.5	8.9	0.0	7.1	0.0	0.0	511.7	510.9	524.7	.	499.3	.	.
Oman	356	354	55.9	34.0	8.0	2.1	0.0	0.0	0.7	408.3	396.7	394.3	398.1	.	.	419.3
Qatar	250	245	68.5	23.1	7.7	0.7	0.4	0.0	0.7	436.2	428.7	473.7	372.7	546.5	.	403.3
Russian Federation	226	224	36.6	47.8	15.1	0.4	0.0	0.0	0.8	550.8	539.0	509.5	469.8	.	.	473.5
Saudi Arabia	149	146	55.9	34.3	9.6	0.2	0.6	0.0	1.1	372.2	363.1	350.8	319.8	448.5	.	398.0
Singapore	334	328	29.5	46.6	23.8	0.2	1.7	0.0	0.6	626.0	621.0	611.3	531.9	681.7	.	607.6
Slovenia	467	441	35.1	46.6	18.3	0.0	5.1	0.0	0.0	516.2	517.1	516.0	.	511.9	.	.
South Africa	334	324	47.9	38.5	11.8	1.8	0.2	0.0	1.8	377.4	362.3	381.2	397.6	319.9	.	375.4
Sweden	206	201	30.6	51.7	15.8	1.9	1.8	0.0	0.0	497.3	502.2	500.3	509.9	510.0	.	.
Thailand	205	204	60.8	34.4	4.7	0.0	0.0	0.0	0.6	435.4	431.4	388.8	.	.	.	359.4
Turkey	220	220	40.9	39.7	18.2	1.3	0.0	0.0	0.0	467.0	452.3	451.4	409.8	.	.	.
United Arab Emirates	746	674	57.6	33.8	8.0	0.5	7.7	0.0	1.1	462.9	474.5	453.9	460.3	456.9	.	408.5
United States	429	369	44.0	37.0	16.6	2.3	13.6	0.0	0.4	518.4	522.1	511.8	501.1	516.7	.	589.5
International Avg. (39)	12055	11283	46.5	39.6	12.9	1.0	3.5	0.0	1.1	485.6	479.4	477.7	456.5	487.2	.	458.0
Buenos Aires, Argentina	138	60	58.3	33.4	7.8	0.4	57.3	0.0	0.3	378.1	404.6	410.5	356.1	400.5	.	491.4
Ontario, Canada	217	186	51.1	36.8	10.5	1.7	11.9	0.0	1.7	524.2	525.6	519.7	513.9	506.0	.	544.5
Quebec, Canada	175	159	48.9	38.8	11.2	1.1	7.9	0.0	1.2	541.4	556.2	560.3	530.8	474.1	.	558.0
Norway (8)	239	216	45.9	43.3	10.1	0.7	7.8	0.0	0.4	489.3	486.4	481.4	471.4	482.8	.	481.9
Abu Dhabi, UAE	207	179	56.6	32.9	10.5	0.0	11.6	0.0	1.5	445.1	444.9	419.4	.	444.6	.	376.3
Dubai, UAE	267	248	49.8	39.9	10.3	0.0	3.8	0.0	1.3	507.7	523.9	504.2	.	487.9	.	437.2
Florida, US	110	79	35.7	40.7	20.9	2.7	24.8	0.0	0.0	502.5	499.7	509.0	449.5	469.7	.	.

Question: How often do you feel the following way about being a teacher? I am proud of the work I do
Location: TQG-10f (BTBG10F)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	788	57.2	35.4	7.1	0.3	8.8	0.0	1.4	513.9	500.8	498.0	483.8	479.0	.	468.7
Bahrain	201	198	71.9	21.8	6.3	0.0	1.0	0.0	1.5	457.8	443.9	454.0	.	452.8	.	415.3
Botswana	169	155	54.7	29.0	14.1	2.2	5.5	0.0	0.3	393.2	388.0	388.5	404.5	383.2	.	384.6
Canada	409	364	64.8	31.8	3.1	0.3	9.7	0.0	1.0	526.2	536.7	549.9	530.8	497.7	.	544.5
Chile	173	149	75.6	22.3	2.0	0.0	9.4	0.0	4.7	434.2	418.5	418.7	.	406.3	.	415.2
Chinese Taipei	216	214	44.6	43.8	11.6	0.0	0.0	0.0	0.6	607.7	593.2	590.7	.	.	.	554.0
Egypt	215	214	84.5	13.1	1.9	0.5	0.7	0.0	0.0	394.3	379.0	380.2	388.8	428.8	.	.
England	215	184	44.2	46.5	8.5	0.8	13.1	0.0	0.0	522.8	511.7	514.8	549.7	525.4	.	.
Georgia	188	186	60.7	29.3	9.0	1.0	0.0	0.0	0.7	456.9	449.8	442.4	453.4	.	.	412.4
Hong Kong SAR	175	162	25.2	50.3	23.4	1.0	1.8	0.0	6.8	614.9	588.9	575.5	566.2	615.8	.	617.2
Hungary	278	267	36.7	47.1	16.0	0.2	3.4	0.0	0.7	530.8	506.2	501.2	474.5	518.2	.	502.4
Iran, Islamic Rep. of	251	250	60.4	24.6	12.3	2.7	0.0	0.0	0.2	435.4	433.8	451.1	415.2	.	.	425.0
Ireland	526	481	66.1	29.0	4.6	0.4	6.7	0.0	0.5	527.9	517.3	491.4	580.2	530.7	.	455.0
Israel	603	542	71.8	24.1	4.0	0.1	6.2	0.0	1.2	512.9	503.9	503.3	645.4	516.4	.	516.9
Italy	230	212	43.9	35.8	19.1	1.2	4.6	0.0	1.8	498.7	484.0	498.5	481.9	512.6	.	513.7
Japan	231	228	36.8	50.1	12.2	0.9	0.3	0.0	0.6	583.3	588.6	587.0	581.6	571.1	.	607.7
Jordan	260	259	67.4	24.3	5.7	2.6	0.0	0.0	0.3	388.3	385.6	370.3	345.8	.	.	386.7
Kazakhstan	239	237	63.4	33.4	3.3	0.0	0.4	0.0	0.4	528.9	525.7	540.3	.	518.8	.	423.2
Korea, Rep. of	317	317	42.4	46.5	10.5	0.6	0.0	0.0	0.0	602.6	606.3	616.4	600.5	.	.	.
Kuwait	191	187	80.1	16.6	2.7	0.6	1.4	0.0	0.8	393.8	390.0	378.2	331.9	401.3	.	390.6
Lebanon	185	177	73.3	21.8	4.4	0.5	2.3	0.0	1.1	444.6	436.2	436.6	417.1	451.2	.	438.9
Lithuania	269	257	33.6	42.0	22.2	2.3	4.8	0.0	0.1	516.2	502.2	518.8	506.3	524.4	.	521.3
Malaysia	326	301	61.5	36.3	2.3	0.0	6.2	0.0	0.8	470.4	461.4	441.0	.	455.7	.	407.3
Malta	224	213	59.7	29.5	10.4	0.3	4.6	0.0	0.0	497.4	501.5	460.3	349.3	478.6	.	.
Morocco	373	362	61.5	31.7	5.6	1.2	2.3	0.0	0.3	386.6	382.1	380.6	342.8	384.9	.	402.3
New Zealand	489	442	53.4	38.6	7.6	0.3	3.7	0.0	5.7	495.3	488.1	506.0	528.8	472.4	.	494.2
Norway	239	219	45.3	46.5	8.2	0.0	7.1	0.0	0.0	510.4	514.8	510.7	.	499.3	.	.
Oman	356	354	71.0	22.5	6.4	0.1	0.0	0.0	0.2	406.0	391.5	415.5	333.2	.	.	341.2
Qatar	250	245	83.2	14.8	2.1	0.0	0.4	0.0	0.7	434.7	452.3	413.5	.	546.5	.	403.3
Russian Federation	226	224	39.9	44.4	15.6	0.0	0.0	0.0	0.9	546.0	534.0	530.6	.	.	.	505.3
Saudi Arabia	149	146	74.5	21.4	3.9	0.2	0.6	0.0	1.1	368.7	360.6	368.3	319.8	448.5	.	398.0
Singapore	334	328	35.5	47.4	16.0	1.1	1.7	0.0	0.6	624.7	616.0	626.4	543.4	681.7	.	607.6
Slovenia	467	440	45.0	45.1	9.6	0.3	5.2	0.0	0.0	514.3	518.5	519.7	498.5	510.2	.	.
South Africa	334	327	60.9	30.2	7.8	1.1	0.2	0.0	0.8	383.3	348.8	374.1	391.1	319.9	.	401.1
Sweden	206	201	39.7	43.8	15.9	0.5	1.8	0.0	0.0	493.5	508.7	497.0	455.8	510.0	.	.
Thailand	205	204	69.9	28.3	1.8	0.0	0.0	0.0	0.6	433.9	427.4	423.5	.	.	.	359.4
Turkey	220	220	59.7	34.2	5.8	0.4	0.0	0.0	0.0	462.0	451.8	454.6	335.2	.	.	.
United Arab Emirates	746	673	72.8	21.4	5.4	0.4	7.7	0.0	1.3	463.5	474.6	461.2	469.9	456.9	.	440.8
United States	429	369	58.6	34.4	6.9	0.2	13.6	0.0	0.4	520.0	521.0	488.6	532.8	516.7	.	589.5
International Avg. (39)	12055	11296	57.7	33.0	8.6	0.6	3.5	0.0	1.0	484.5	478.0	476.3	461.9	487.2	.	462.7
Buenos Aires, Argentina	138	61	66.2	30.5	2.9	0.4	57.3	0.0	0.0	384.4	401.3	411.7	356.1	400.5	.	.
Ontario, Canada	217	186	70.4	28.2	1.4	0.0	11.9	0.0	1.7	524.2	523.6	530.1	.	506.0	.	544.5
Quebec, Canada	175	161	53.7	38.4	6.8	1.1	7.9	0.0	0.0	541.5	559.3	557.3	530.8	474.1	.	.
Norway (8)	239	216	52.0	38.9	8.3	0.8	7.8	0.0	0.4	487.0	488.6	483.7	460.2	482.8	.	481.9
Abu Dhabi, UAE	207	179	72.0	21.1	6.8	0.0	11.6	0.0	1.5	443.8	441.3	430.7	.	444.6	.	376.3
Dubai, UAE	267	247	68.0	26.8	5.1	0.0	3.8	0.0	2.1	512.0	525.3	465.2	.	487.9	.	496.1
Florida, US	110	79	55.4	29.6	15.0	0.0	24.8	0.0	0.0	503.9	515.0	464.7	.	469.7	.	.

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 (BTBG10G)

Country	Sample	Valid N	1.Very often %	2.Often %	3.Sometimes %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Very often Mean	2.Often Mean	3.Sometimes Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	789	48.3	30.7	16.9	4.1	8.8	0.0	0.9	508.8	512.5	499.1	504.9	479.1	.	437.8
Bahrain	201	198	52.9	26.5	10.9	9.8	1.0	0.0	1.5	462.9	445.3	442.4	447.8	452.8	.	415.3
Botswana	169	154	29.9	40.5	17.0	12.7	5.5	0.0	1.1	391.0	385.8	402.9	391.3	383.2	.	418.9
Canada	409	363	63.7	27.1	8.4	0.8	9.7	0.0	1.1	528.8	532.9	534.2	517.5	497.7	.	543.3
Chile	173	149	62.3	22.9	13.6	1.1	9.4	0.0	4.7	436.6	425.6	412.4	400.9	406.3	.	415.2
Chinese Taipei	216	214	48.6	37.6	13.2	0.6	0.0	0.0	0.6	598.5	605.9	584.5	587.9	.	.	554.0
Egypt	215	214	72.3	20.0	4.5	3.2	0.7	0.0	0.0	394.0	388.1	371.6	398.3	428.8	.	.
England	215	184	28.5	38.0	25.6	8.0	13.1	0.0	0.0	524.0	510.5	525.1	499.0	525.4	.	.
Georgia	188	186	60.4	28.9	7.0	3.7	0.0	0.0	0.7	453.8	456.5	444.1	443.2	.	.	412.4
Hong Kong SAR	175	162	46.0	43.9	10.0	0.1	1.8	0.0	6.8	596.7	599.2	540.8	520.9	615.8	.	617.2
Hungary	278	267	41.4	49.4	6.6	2.7	3.4	0.0	0.7	528.6	502.1	519.7	507.2	518.2	.	502.4
Iran, Islamic Rep. of	251	250	58.6	24.5	11.6	5.3	0.0	0.0	0.2	436.1	439.8	434.7	427.1	.	.	425.0
Ireland	526	479	59.0	26.5	11.1	3.4	6.7	0.0	0.6	528.8	523.0	494.6	525.7	530.7	.	472.1
Israel	603	540	69.9	22.4	6.5	1.2	6.2	0.0	1.6	509.8	511.5	517.5	482.5	516.4	.	518.2
Italy	230	212	39.2	31.4	19.0	10.4	4.6	0.0	2.2	495.6	485.5	495.1	502.2	512.6	.	516.1
Japan	231	228	43.5	36.5	18.7	1.3	0.3	0.0	0.6	591.8	582.4	583.0	567.3	571.1	.	607.7
Jordan	260	259	45.1	30.7	17.4	6.8	0.0	0.0	0.3	385.1	386.9	391.5	367.0	.	.	386.7
Kazakhstan	239	235	58.8	36.3	4.5	0.4	0.4	0.0	0.7	533.8	520.7	508.3	507.8	518.8	.	533.2
Korea, Rep. of	317	317	44.0	44.0	9.8	2.2	0.0	0.0	0.0	603.5	608.7	603.8	599.6	.	.	.
Kuwait	191	187	65.4	21.0	7.7	5.8	1.4	0.0	0.8	395.4	376.2	417.2	383.5	401.3	.	390.6
Lebanon	185	178	71.8	21.3	3.8	3.2	2.3	0.0	1.1	440.5	449.4	461.1	417.1	451.2	.	422.9
Lithuania	269	258	23.9	37.1	30.7	8.3	4.8	0.0	0.0	517.1	500.7	522.2	494.1	524.4	.	.
Malaysia	326	300	57.5	36.8	5.7	0.0	6.2	0.0	1.3	468.4	464.2	468.0	592.9	455.7	.	401.4
Malta	224	212	46.0	31.6	19.7	2.8	4.6	0.0	0.7	496.0	497.1	494.8	427.6	478.6	.	503.9
Morocco	373	360	29.4	33.7	21.4	15.4	2.3	0.0	1.0	391.4	384.6	382.0	373.6	384.9	.	387.3
New Zealand	489	441	44.3	33.5	16.6	5.6	3.7	0.0	5.9	491.5	497.9	486.6	504.3	472.4	.	492.8
Norway	239	219	39.1	37.8	19.8	3.3	7.1	0.0	0.0	511.3	509.8	519.4	515.8	499.3	.	.
Oman	356	355	55.3	21.5	15.6	7.6	0.0	0.0	0.0	406.7	398.3	401.0	396.0	.	.	352.9
Qatar	250	245	73.1	15.3	10.1	1.4	0.4	0.0	0.7	437.3	451.5	418.7	387.5	546.5	.	403.3
Russian Federation	226	223	38.0	44.4	15.9	1.8	0.0	0.0	1.2	550.5	532.9	529.7	490.3	.	.	510.7
Saudi Arabia	149	146	42.4	31.2	17.9	8.4	0.6	0.0	1.1	367.5	371.2	359.5	363.6	448.5	.	398.0
Singapore	334	328	33.2	45.2	20.1	1.4	1.7	0.0	0.6	627.3	620.0	609.0	604.5	681.7	.	607.6
Slovenia	467	440	53.9	39.9	4.7	1.5	5.2	0.0	0.0	514.1	519.7	515.2	524.3	512.5	.	.
South Africa	334	326	47.6	30.8	14.1	7.5	0.2	0.0	0.9	377.8	368.7	352.3	388.4	319.9	.	402.2
Sweden	206	197	24.9	44.1	20.6	10.5	1.8	0.0	1.4	491.7	506.6	496.7	502.8	510.0	.	507.4
Thailand	205	204	71.0	26.0	2.2	0.8	0.0	0.0	0.6	429.7	437.4	409.4	499.8	.	.	359.4
Turkey	220	220	56.5	30.9	10.7	1.9	0.0	0.0	0.0	465.2	452.4	434.4	449.3	.	.	.
United Arab Emirates	746	673	62.8	23.4	10.2	3.5	7.7	0.0	1.2	468.3	465.7	458.0	453.8	456.9	.	409.9
United States	429	369	49.5	26.2	15.1	9.2	13.6	0.0	0.4	518.7	517.1	516.5	521.6	516.7	.	589.5
International Avg. (39)	12055	11281	50.2	32.0	13.2	4.6	3.5	0.0	1.1	484.0	480.6	475.8	474.1	487.2	.	466.1
Buenos Aires, Argentina	138	60	77.5	20.6	1.9	0.0	57.3	0.0	0.3	383.1	408.1	461.0	.	400.5	.	471.1
Ontario, Canada	217	186	67.0	24.6	7.8	0.5	11.9	0.0	1.7	525.5	523.4	518.1	463.2	506.0	.	544.5
Quebec, Canada	175	160	58.8	29.0	10.7	1.5	7.9	0.0	0.1	544.0	558.1	554.7	549.9	474.1	.	471.1
Norway (8)	239	216	42.2	32.6	20.5	4.8	7.8	0.0	0.4	484.4	487.0	494.8	479.0	482.8	.	481.9
Abu Dhabi, UAE	207	178	59.7	25.8	11.2	3.3	11.6	0.0	1.8	442.9	449.9	434.2	403.5	444.6	.	384.2
Dubai, UAE	267	248	67.9	20.0	9.1	3.0	3.8	0.0	1.3	516.4	514.3	499.1	497.1	487.9	.	437.2
Florida, US	110	79	30.4	43.7	17.5	8.4	24.8	0.0	0.0	500.3	493.5	519.2	508.3	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. There are too many students in the classes
Location: TQG-11a (BTBG11A)

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	941	784	14.2	47.5	24.2	14.1	8.8	0.0	1.8	506.6	508.6	513.7	499.7	478.9	.	468.0
Bahrain	201	198	36.1	39.8	9.1	15.0	1.0	0.0	1.5	448.2	451.3	459.7	475.3	452.8	.	415.3
Botswana	169	155	75.3	15.7	5.0	4.0	5.5	0.0	0.3	387.4	406.1	393.2	403.5	383.2	.	384.6
Canada	409	364	28.1	49.2	16.0	6.7	9.7	0.0	1.0	531.6	528.8	536.8	521.0	497.7	.	544.5
Chile	173	155	44.0	26.9	14.0	15.0	9.4	0.0	0.0	425.0	424.5	423.2	457.9	406.3	.	.
Chinese Taipei	216	216	18.0	46.7	27.3	8.0	0.0	0.0	0.0	607.5	607.2	586.6	575.5	.	.	.
Egypt	215	211	39.8	27.1	12.2	20.9	0.7	0.0	1.4	378.5	389.6	415.0	409.1	428.8	.	363.4
England	215	184	19.8	47.1	20.5	12.6	13.1	0.0	0.0	518.1	513.4	521.9	522.5	525.4	.	.
Georgia	188	186	43.6	26.2	14.3	15.9	0.0	0.0	1.0	452.6	459.7	441.7	453.7	.	.	461.3
Hong Kong SAR	175	173	18.9	49.2	23.6	8.4	1.8	0.0	0.0	598.6	588.7	598.5	600.4	615.8	.	.
Hungary	278	266	15.4	30.3	38.7	15.5	3.4	0.0	0.9	553.4	516.2	494.5	520.7	518.2	.	518.1
Iran, Islamic Rep. of	251	250	44.7	26.9	12.9	15.5	0.0	0.0	0.7	444.0	433.1	420.3	433.3	.	.	435.0
Ireland	526	482	21.7	42.0	21.9	14.4	6.7	0.0	0.9	533.0	520.0	516.9	526.5	530.7	.	509.8
Israel	603	540	42.4	32.9	14.4	10.3	6.3	0.0	1.7	532.3	501.5	493.6	475.4	516.9	.	497.6
Italy	230	214	34.2	37.5	23.7	4.7	4.6	0.0	1.4	496.6	497.4	490.2	459.4	512.6	.	484.0
Japan	231	230	25.1	32.0	32.1	10.8	0.3	0.0	0.0	577.0	591.2	589.5	585.7	571.1	.	.
Jordan	260	260	51.6	26.5	13.1	8.7	0.0	0.0	0.0	375.2	398.8	383.7	409.4	.	.	.
Kazakhstan	239	236	12.3	32.8	45.5	9.4	0.4	0.0	0.6	508.6	529.1	526.9	554.6	518.8	.	506.3
Korea, Rep. of	317	317	33.1	45.3	20.0	1.5	0.0	0.0	0.0	616.0	605.3	590.7	593.2	.	.	.
Kuwait	191	188	19.3	30.7	24.6	25.4	1.4	0.0	0.5	381.4	403.2	388.3	391.7	401.3	.	384.0
Lebanon	185	179	12.8	26.5	26.7	34.0	2.3	0.0	0.7	422.0	446.1	443.0	445.9	451.2	.	450.3
Lithuania	269	257	40.8	31.3	10.4	17.5	4.8	0.0	0.4	524.0	511.3	503.0	484.1	524.4	.	465.8
Malaysia	326	304	33.5	39.5	23.1	3.9	6.2	0.0	0.0	457.5	458.1	480.5	531.7	455.7	.	544.2
Malta	224	213	26.9	46.0	17.1	10.1	4.6	0.0	0.0	509.2	492.9	476.9	490.0	478.6	.	.
Morocco	373	357	56.0	18.6	6.0	19.3	2.3	0.0	1.5	378.2	390.4	395.7	393.7	384.9	.	374.9
New Zealand	489	440	20.2	49.2	18.1	12.4	3.7	0.0	6.2	496.3	502.5	474.2	489.3	472.4	.	479.2
Norway	239	218	29.9	45.4	13.5	11.2	7.7	0.0	0.0	516.0	516.3	510.0	491.6	499.2	.	.
Oman	356	350	40.4	31.8	13.6	14.2	0.0	0.0	1.3	398.4	408.7	413.8	395.6	.	.	386.5
Qatar	250	246	21.9	41.3	19.3	17.4	0.4	0.0	0.7	426.9	429.9	436.3	464.8	546.5	.	447.3
Russian Federation	226	226	11.4	28.9	43.6	16.1	0.0	0.0	0.0	531.4	537.6	539.5	539.3	.	.	.
Saudi Arabia	149	145	40.7	33.2	13.9	12.2	0.9	0.0	1.1	356.1	368.6	372.8	390.8	432.4	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	439	10.0	36.6	42.8	10.5	5.1	0.0	0.7	517.3	518.8	510.8	531.6	511.9	.	514.4
South Africa	334	330	54.5	25.4	13.2	7.0	0.2	0.0	0.3	350.9	388.5	418.3	391.0	319.9	.	482.1
Sweden	206	201	15.1	36.1	32.1	16.6	1.8	0.0	0.0	496.1	506.6	497.0	498.3	510.0	.	.
Thailand	205	203	24.0	36.3	17.3	22.5	0.0	0.0	1.3	442.8	428.0	429.9	425.4	.	.	440.2
Turkey	220	220	30.5	25.8	23.3	20.4	0.0	0.0	0.0	465.3	451.4	447.2	466.0	.	.	.
United Arab Emirates	746	681	20.9	41.2	20.7	17.2	7.7	0.0	0.3	441.3	465.0	462.4	499.9	457.1	.	435.9
United States	429	368	22.0	36.4	23.4	18.2	13.6	0.0	0.5	512.6	516.7	515.4	532.1	516.7	.	562.9
International Avg. (38)	12055	10986	30.2	35.3	20.8	13.6	3.5	0.0	0.8	476.7	479.2	476.6	482.4	480.0	.	459.8
Buenos Aires, Argentina	138	59	25.8	44.9	19.4	9.8	57.3	0.0	1.1	384.6	376.6	398.0	445.5	400.5	.	413.7
Ontario, Canada	217	186	33.6	47.0	12.9	6.5	11.9	0.0	1.7	527.4	520.3	529.7	523.0	506.0	.	544.5
Quebec, Canada	175	161	24.7	52.9	18.9	3.5	7.9	0.0	0.0	542.7	552.1	553.4	531.1	474.1	.	.
Norway (8)	239	216	32.1	41.7	16.5	9.7	7.8	0.0	0.4	494.5	483.0	491.2	473.5	482.8	.	481.9
Abu Dhabi, UAE	207	182	23.7	40.2	18.4	17.7	11.4	0.0	0.4	426.3	438.1	421.3	491.0	444.7	.	383.2
Dubai, UAE	267	251	14.0	40.3	25.0	20.7	3.8	0.0	0.4	479.7	516.2	510.2	531.5	487.9	.	519.6
Florida, US	110	79	30.0	28.8	31.2	10.0	24.8	0.0	0.0	485.4	498.5	512.6	521.6	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too much material to cover in class
Location: TQG-11b (BTBG11B)

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	941	786	39.5	43.8	12.6	4.1	8.8	0.0	1.2	503.3	506.8	530.2	501.0	478.9	.	461.5
Bahrain	201	198	37.8	38.1	15.8	8.3	1.0	0.0	1.5	443.9	448.9	472.3	494.9	452.8	.	415.3
Botswana	169	155	67.5	25.0	5.7	1.9	5.5	0.0	0.3	386.3	400.2	395.0	441.3	383.2	.	384.6
Canada	409	364	33.7	36.7	24.4	5.2	9.7	0.0	1.0	517.6	532.3	542.9	539.4	497.7	.	544.5
Chile	173	151	30.2	44.4	18.5	6.9	9.4	0.0	2.7	437.3	423.2	435.5	437.5	406.3	.	393.2
Chinese Taipei	216	216	11.9	51.4	29.8	6.9	0.0	0.0	0.0	605.4	600.8	594.8	594.2	.	.	.
Egypt	215	212	37.8	45.8	9.1	7.3	0.7	0.0	0.9	393.9	387.3	416.8	384.8	428.8	.	355.4
England	215	184	16.4	41.0	35.7	7.0	13.1	0.0	0.0	501.9	527.3	514.0	510.3	525.4	.	.
Georgia	188	185	15.6	41.8	33.5	9.2	0.0	0.0	1.3	444.4	453.1	457.8	443.7	.	.	507.9
Hong Kong SAR	175	173	22.7	56.0	20.4	0.9	1.8	0.0	0.0	599.1	588.8	602.2	585.9	615.8	.	.
Hungary	278	265	38.2	45.7	13.5	2.6	3.4	0.0	1.2	500.2	512.2	543.9	603.2	518.2	.	514.5
Iran, Islamic Rep. of	251	250	57.6	32.4	5.7	4.3	0.0	0.0	0.6	433.5	435.5	442.8	476.2	.	.	399.5
Ireland	526	482	36.0	48.9	10.6	4.5	6.7	0.0	0.5	526.1	521.7	512.2	545.3	530.7	.	453.3
Israel	603	540	42.1	37.8	13.3	6.8	6.3	0.0	1.7	507.1	512.1	505.7	535.8	516.9	.	497.6
Italy	230	215	22.4	43.9	28.1	5.6	4.6	0.0	0.7	499.2	489.1	494.1	496.4	512.6	.	539.1
Japan	231	229	1.5	23.9	67.2	7.5	0.3	0.0	0.6	578.1	590.6	584.1	596.7	571.1	.	585.5
Jordan	260	260	30.8	44.6	20.2	4.4	0.0	0.0	0.0	395.0	377.5	383.9	408.4	.	.	.
Kazakhstan	239	237	20.2	58.5	18.9	2.4	0.4	0.0	0.4	536.9	519.2	544.6	546.6	518.8	.	423.2
Korea, Rep. of	317	317	16.1	43.4	38.8	1.8	0.0	0.0	0.0	607.0	604.5	606.5	607.9	.	.	.
Kuwait	191	189	23.8	44.4	25.1	6.8	1.4	0.0	0.0	388.3	383.3	409.9	400.4	401.3	.	.
Lebanon	185	177	23.9	38.1	25.5	12.5	2.3	0.0	2.4	442.0	441.3	434.3	457.9	451.2	.	460.5
Lithuania	269	256	11.3	51.7	24.7	12.3	4.8	0.0	0.5	526.5	510.9	505.6	506.4	524.4	.	474.2
Malaysia	326	304	3.5	51.1	42.0	3.4	6.2	0.0	0.0	478.0	469.6	461.5	451.9	455.7	.	544.2
Malta	224	213	51.7	34.7	9.4	4.2	4.6	0.0	0.0	507.3	492.8	434.9	478.3	478.6	.	.
Morocco	373	344	38.2	42.0	13.2	6.6	2.3	0.0	4.2	380.7	386.4	386.8	394.9	384.9	.	374.1
New Zealand	489	442	17.1	47.1	29.8	6.0	3.7	0.0	5.5	490.2	498.5	490.0	478.9	472.4	.	495.6
Norway	239	217	34.3	43.4	17.9	4.4	7.8	0.0	0.0	511.8	512.1	515.0	513.1	499.6	.	.
Oman	356	349	21.3	41.1	28.1	9.4	0.0	0.0	1.7	410.5	400.2	403.7	401.1	.	.	387.0
Qatar	250	247	24.3	42.8	26.3	6.6	0.4	0.0	0.0	411.8	427.2	464.1	480.0	546.5	.	.
Russian Federation	226	225	10.5	51.5	33.4	4.6	0.0	0.0	0.6	537.6	536.5	540.2	547.1	.	.	480.9
Saudi Arabia	149	146	41.3	42.6	9.5	6.6	0.6	0.0	1.1	352.7	372.0	384.3	397.7	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	440	23.2	54.4	18.2	4.2	5.1	0.0	0.6	510.0	517.2	517.5	541.0	511.9	.	514.8
South Africa	334	329	37.7	39.1	15.4	7.8	0.2	0.0	1.1	361.8	373.3	406.1	351.2	319.9	.	388.4
Sweden	206	201	12.0	45.3	36.3	6.4	1.8	0.0	0.0	502.6	498.2	502.7	501.5	510.0	.	.
Thailand	205	203	36.0	44.5	14.8	4.7	0.0	0.0	1.3	432.2	423.7	432.0	494.1	.	.	440.2
Turkey	220	220	18.6	32.5	25.8	23.0	0.0	0.0	0.0	436.1	461.8	450.9	476.6	.	.	.
United Arab Emirates	746	679	20.2	40.4	26.7	12.8	7.7	0.0	0.6	449.5	457.9	468.3	506.8	457.1	.	490.5
United States	429	368	36.9	41.1	16.3	5.8	13.6	0.0	0.5	511.7	522.4	524.8	512.8	516.7	.	562.9
International Avg. (38)	12055	10968	28.0	42.9	22.6	6.5	3.5	0.0	0.9	475.2	476.8	481.9	490.6	480.5	.	462.5
Buenos Aires, Argentina	138	59	12.4	58.7	24.6	4.2	57.3	0.0	0.6	384.7	383.7	400.6	404.8	400.5	.	482.6
Ontario, Canada	217	186	39.8	42.0	15.8	2.5	11.9	0.0	1.7	514.9	529.8	530.0	538.6	506.0	.	544.5
Quebec, Canada	175	161	24.2	30.4	36.9	8.5	7.9	0.0	0.0	535.2	546.1	561.6	547.4	474.1	.	.
Norway (8)	239	216	29.8	45.9	19.0	5.3	7.8	0.0	0.4	491.3	483.3	489.7	487.2	482.8	.	481.9
Abu Dhabi, UAE	207	182	20.7	37.5	32.7	9.1	11.4	0.0	0.4	429.8	431.5	444.1	500.6	444.7	.	383.2
Dubai, UAE	267	250	18.0	36.8	27.5	17.6	3.8	0.0	1.2	488.2	505.6	519.2	539.2	487.9	.	564.9
Florida, US	110	79	57.2	36.8	5.9	0.1	24.8	0.0	0.0	483.4	517.0	575.0	606.3	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have too many teaching hours
Location: TQG-11c (BTBG11C)

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	941	784	14.7	35.8	37.1	12.4	8.8	0.0	1.5	519.5	501.5	508.9	510.3	478.9	.	476.7
Bahrain	201	198	12.2	39.1	35.4	13.3	1.0	0.0	1.5	452.5	453.7	448.4	475.2	452.8	.	415.3
Botswana	169	154	17.5	24.4	34.5	23.6	5.5	0.0	0.4	395.6	389.4	394.3	385.4	383.2	.	399.1
Canada	409	363	7.1	18.2	48.0	26.8	9.7	0.0	1.2	540.1	530.8	529.8	528.4	497.7	.	540.0
Chile	173	154	39.7	28.7	15.3	16.3	9.4	0.0	0.2	425.1	433.9	425.9	435.0	406.3	.	531.1
Chinese Taipei	216	216	8.8	27.5	50.3	13.5	0.0	0.0	0.0	599.3	596.1	600.9	598.3	.	.	.
Egypt	215	212	21.5	42.3	19.6	16.7	0.7	0.0	1.1	386.6	386.9	406.4	398.8	428.8	.	331.8
England	215	184	23.6	43.2	20.8	12.4	13.1	0.0	0.0	519.8	505.1	520.9	548.1	525.4	.	.
Georgia	188	184	1.7	7.2	32.7	58.4	0.0	0.0	2.2	433.0	450.0	451.2	455.2	.	.	456.1
Hong Kong SAR	175	173	6.5	23.5	42.1	27.8	1.8	0.0	0.0	631.3	597.0	591.0	586.8	615.8	.	.
Hungary	278	264	34.3	30.1	22.7	12.9	3.4	0.0	1.5	512.3	528.9	492.8	525.6	518.2	.	494.0
Iran, Islamic Rep. of	251	249	13.8	29.5	30.5	26.2	0.0	0.0	0.9	432.5	441.3	425.3	443.0	.	.	512.8
Ireland	526	480	13.2	31.6	34.9	20.3	6.7	0.0	1.1	533.0	519.7	521.1	525.0	530.7	.	519.0
Israel	603	539	18.2	22.3	27.5	32.0	6.3	0.0	1.9	504.1	483.8	509.4	534.6	516.9	.	495.3
Italy	230	212	0.4	5.8	57.4	36.4	4.6	0.0	1.4	466.8	476.2	496.1	491.9	512.6	.	508.0
Japan	231	229	9.9	21.2	56.8	12.1	0.3	0.0	0.4	575.0	583.2	588.8	589.7	571.1	.	619.4
Jordan	260	259	28.1	37.3	29.3	5.3	0.0	0.0	0.3	373.2	387.2	392.3	407.5	.	.	293.7
Kazakhstan	239	235	3.6	15.6	65.2	15.6	0.4	0.0	0.8	500.6	522.5	525.6	549.4	518.8	.	516.8
Korea, Rep. of	317	317	24.5	44.7	26.8	4.0	0.0	0.0	0.0	605.8	608.8	601.3	600.7	.	.	.
Kuwait	191	188	12.0	36.4	34.1	17.5	1.4	0.0	0.7	407.1	394.7	382.5	396.9	401.3	.	383.7
Lebanon	185	178	7.7	40.8	16.1	35.4	2.3	0.0	1.3	434.6	440.9	431.2	450.3	451.2	.	444.6
Lithuania	269	257	1.5	4.1	15.8	78.6	4.8	0.0	0.4	490.4	555.6	511.3	508.8	524.4	.	465.8
Malaysia	326	302	8.8	47.9	39.3	4.0	6.2	0.0	0.8	440.0	466.9	468.2	507.4	455.7	.	386.4
Malta	224	213	17.4	38.4	30.6	13.7	4.6	0.0	0.0	519.9	492.3	487.0	483.5	478.6	.	.
Morocco	373	352	27.5	34.3	23.6	14.5	2.3	0.0	2.6	382.7	382.0	384.0	395.5	384.9	.	375.1
New Zealand	489	441	11.0	28.9	38.3	21.8	3.7	0.0	6.2	495.3	494.9	496.9	482.4	472.4	.	500.5
Norway	239	218	11.8	38.1	32.3	17.8	7.7	0.0	0.0	514.5	511.8	511.8	514.2	499.2	.	.
Oman	356	350	30.4	39.6	19.8	10.1	0.0	0.0	1.3	402.0	397.1	405.2	428.0	.	.	386.5
Qatar	250	246	13.9	25.6	34.3	26.2	0.4	0.0	0.2	446.5	426.8	445.0	429.6	546.5	.	475.2
Russian Federation	226	226	9.1	25.1	48.1	17.7	0.0	0.0	0.0	547.5	533.9	537.3	540.8	.	.	.
Saudi Arabia	149	146	31.5	34.4	24.8	9.3	0.6	0.0	1.1	361.6	363.7	368.4	392.5	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	436	8.6	30.4	48.9	12.2	5.2	0.0	1.1	515.1	514.1	516.8	524.0	510.2	.	513.9
South Africa	334	329	25.3	29.9	26.7	18.1	0.2	0.0	0.4	342.9	361.0	384.3	415.3	319.9	.	364.5
Sweden	206	200	23.1	33.5	31.0	12.4	1.8	0.0	0.3	502.0	501.4	495.5	505.4	510.0	.	614.7
Thailand	205	203	17.0	36.3	33.9	12.7	0.0	0.0	1.3	420.0	431.1	426.6	459.5	.	.	440.2
Turkey	220	220	9.0	26.9	32.7	31.4	0.0	0.0	0.0	456.7	461.8	450.1	462.1	.	.	.
United Arab Emirates	746	680	18.4	36.7	30.0	14.9	7.7	0.0	0.4	459.8	460.8	457.1	501.0	457.1	.	450.5
United States	429	367	8.3	23.8	41.1	26.8	13.6	0.0	0.6	525.6	511.5	518.3	522.4	516.7	.	536.6
International Avg. (38)	12055	10958	15.6	30.0	33.9	20.6	3.5	0.0	0.9	475.5	476.3	476.5	487.1	480.5	.	461.5
Buenos Aires, Argentina	138	60	11.1	28.8	25.8	34.2	57.3	0.0	0.3	397.7	364.7	403.1	398.1	400.5	.	471.1
Ontario, Canada	217	185	4.9	16.9	49.2	29.0	11.9	0.0	2.0	528.2	528.7	521.1	526.1	506.0	.	540.0
Quebec, Canada	175	161	11.0	20.2	49.2	19.6	7.9	0.0	0.0	557.9	539.6	551.4	549.2	474.1	.	.
Norway (8)	239	215	14.6	41.8	34.9	8.7	8.0	0.0	0.4	488.0	486.0	487.1	491.0	482.8	.	481.9
Abu Dhabi, UAE	207	181	19.7	37.6	30.1	12.6	11.4	0.0	0.9	428.4	449.7	432.3	458.8	444.7	.	429.4
Dubai, UAE	267	251	13.3	36.5	31.1	19.1	3.8	0.0	0.4	515.7	498.5	503.3	553.3	487.9	.	519.6
Florida, US	110	79	13.2	33.5	40.1	13.2	24.8	0.0	0.0	480.6	510.6	508.2	477.2	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I need more time to prepare for class
Location: TQG-11d (BTBG11D)

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	941	786	31.6	44.1	18.0	6.3	8.8	0.0	1.5	509.2	501.8	515.9	522.6	478.9	.	476.9
Bahrain	201	198	19.5	38.9	22.6	19.0	1.0	0.0	1.5	457.0	447.1	457.4	463.8	452.8	.	415.3
Botswana	169	153	46.5	37.4	11.7	4.5	5.5	0.0	2.1	393.1	387.4	382.1	406.2	383.2	.	434.9
Canada	409	364	25.7	45.8	21.1	7.4	9.7	0.0	1.0	527.8	529.6	534.3	532.0	497.7	.	544.5
Chile	173	155	80.7	10.7	6.0	2.7	9.4	0.0	0.0	427.5	448.1	434.6	409.6	406.3	.	.
Chinese Taipei	216	216	12.5	45.4	37.0	5.1	0.0	0.0	0.0	592.5	595.9	606.6	589.5	.	.	.
Egypt	215	210	16.0	40.1	22.1	21.8	0.7	0.0	2.2	399.9	388.2	391.6	396.1	428.8	.	366.6
England	215	184	32.3	47.9	15.1	4.7	13.1	0.0	0.0	507.5	514.4	542.6	530.5	525.4	.	.
Georgia	188	184	6.0	34.6	35.6	23.8	0.0	0.0	2.7	437.4	456.5	454.5	450.1	.	.	455.1
Hong Kong SAR	175	173	31.0	55.0	13.1	0.9	1.8	0.0	0.0	590.6	593.2	604.7	592.1	615.8	.	.
Hungary	278	264	23.2	54.0	19.2	3.6	3.4	0.0	1.5	518.2	523.3	477.2	560.3	518.2	.	494.0
Iran, Islamic Rep. of	251	251	20.0	41.0	21.2	17.8	0.0	0.0	0.0	445.4	435.2	418.9	449.4	.	.	.
Ireland	526	483	33.9	42.7	15.7	7.7	6.7	0.0	0.4	527.1	519.7	518.5	535.2	530.7	.	456.1
Israel	603	539	15.6	36.7	25.8	21.8	6.3	0.0	1.8	505.4	504.9	511.9	523.0	516.9	.	497.8
Italy	230	214	9.5	44.9	38.8	6.8	4.6	0.0	1.4	494.2	493.9	495.9	478.0	512.6	.	488.1
Japan	231	230	24.2	48.7	25.7	1.4	0.3	0.0	0.0	590.5	584.9	583.9	619.3	571.1	.	.
Jordan	260	259	11.3	32.6	41.0	15.1	0.0	0.0	0.5	373.0	384.5	392.6	378.1	.	.	381.7
Kazakhstan	239	236	18.9	52.6	22.5	6.0	0.4	0.0	0.8	521.6	523.6	541.6	539.4	518.8	.	485.6
Korea, Rep. of	317	317	22.7	59.1	17.7	0.4	0.0	0.0	0.0	601.9	609.3	598.8	601.3	.	.	.
Kuwait	191	186	18.2	41.8	25.8	14.1	1.4	0.0	2.5	395.3	394.4	394.7	380.0	401.3	.	381.6
Lebanon	185	179	16.2	18.9	30.0	34.9	2.3	0.0	0.7	439.3	436.2	439.7	448.8	451.2	.	450.3
Lithuania	269	256	15.2	45.0	22.7	17.1	4.8	0.0	1.1	510.2	513.3	512.0	503.1	524.4	.	500.7
Malaysia	326	303	16.0	61.8	21.6	0.7	6.2	0.0	0.8	481.8	462.0	467.7	493.7	455.7	.	388.2
Malta	224	213	31.1	44.7	21.5	2.8	4.6	0.0	0.0	498.3	500.0	477.7	483.5	478.6	.	.
Morocco	373	354	19.9	41.7	25.7	12.7	2.3	0.0	2.1	384.7	381.1	379.8	403.6	384.9	.	385.9
New Zealand	489	442	22.8	40.4	26.7	10.1	3.7	0.0	5.5	489.8	503.8	488.3	471.9	472.4	.	497.4
Norway	239	218	21.4	51.7	20.9	6.0	7.7	0.0	0.0	512.8	514.0	506.9	518.9	499.2	.	.
Oman	356	349	21.5	37.2	29.8	11.6	0.0	0.0	1.3	405.8	405.3	404.8	388.9	.	.	386.8
Qatar	250	247	17.9	42.8	24.1	15.3	0.4	0.0	0.0	428.7	431.8	437.8	457.6	546.5	.	.
Russian Federation	226	226	11.3	39.4	41.2	8.1	0.0	0.0	0.0	546.4	528.8	543.7	542.2	.	.	.
Saudi Arabia	149	146	12.1	46.9	29.1	11.9	0.6	0.0	1.1	353.3	368.1	362.0	388.0	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	439	9.8	50.1	35.1	5.0	5.2	0.0	0.6	516.8	516.2	513.7	542.4	510.2	.	514.8
South Africa	334	327	34.8	31.9	21.7	11.6	0.2	0.0	1.2	353.2	365.5	402.9	394.0	319.9	.	356.1
Sweden	206	201	29.4	48.1	20.4	2.0	1.8	0.0	0.0	505.8	499.8	493.7	511.7	510.0	.	.
Thailand	205	203	38.9	45.4	11.8	3.8	0.0	0.0	1.3	425.7	429.8	447.7	455.7	.	.	440.2
Turkey	220	220	9.0	27.9	34.1	29.0	0.0	0.0	0.0	433.2	466.8	448.6	467.0	.	.	.
United Arab Emirates	746	679	16.0	41.4	28.7	13.9	7.7	0.0	0.8	464.9	456.4	457.1	512.6	457.1	.	425.2
United States	429	368	29.3	40.1	20.3	10.3	13.6	0.0	0.5	521.1	518.3	514.2	518.1	516.7	.	562.9
International Avg. (38)	12055	10972	22.9	42.4	24.2	10.5	3.5	0.0	1.0	476.0	477.2	477.8	485.7	480.5	.	447.4
Buenos Aires, Argentina	138	60	28.3	37.6	21.6	12.5	57.3	0.0	0.3	373.2	391.7	409.5	387.0	400.5	.	471.1
Ontario, Canada	217	186	27.3	43.1	22.6	7.0	11.9	0.0	1.7	529.7	518.6	526.4	528.8	506.0	.	544.5
Quebec, Canada	175	161	21.7	51.1	21.4	5.8	7.9	0.0	0.0	541.3	552.8	551.0	542.5	474.1	.	.
Norway (8)	239	215	33.7	44.0	18.5	3.8	7.9	0.0	0.4	490.9	486.2	483.7	482.0	482.5	.	481.9
Abu Dhabi, UAE	207	182	14.9	45.3	32.8	7.1	11.4	0.0	0.4	442.5	439.4	425.2	529.3	444.7	.	383.2
Dubai, UAE	267	251	20.7	34.0	23.8	21.4	3.8	0.0	0.4	505.2	496.3	525.4	532.2	487.9	.	519.6
Florida, US	110	79	37.7	44.2	16.2	1.9	24.8	0.0	0.0	524.2	481.8	496.1	547.6	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I need more time to assist individual students
Location: TQG-11e (BTBG11E)

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	941	785	55.3	38.5	3.5	2.7	8.9	0.0	1.2	504.3	511.7	511.9	530.3	479.0	.	461.7
Bahrain	201	198	45.2	39.8	11.6	3.4	1.0	0.0	1.5	447.0	459.7	462.5	467.8	452.8	.	415.3
Botswana	169	155	84.3	12.5	0.8	2.3	5.5	0.0	0.3	391.0	391.8	388.6	399.6	383.2	.	384.6
Canada	409	364	61.1	36.1	2.5	0.4	9.7	0.0	1.0	526.3	534.8	561.1	550.7	497.7	.	544.5
Chile	173	155	80.2	15.7	0.7	3.4	9.4	0.0	0.0	424.1	457.7	505.5	411.9	406.3	.	.
Chinese Taipei	216	216	39.7	55.6	3.3	1.3	0.0	0.0	0.0	589.6	604.0	634.6	591.8	.	.	.
Egypt	215	212	53.8	39.7	4.6	1.9	0.7	0.0	1.0	390.7	391.6	398.7	425.0	428.8	.	377.0
England	215	184	42.3	47.3	9.2	1.2	13.1	0.0	0.0	506.9	519.0	565.9	435.1	525.4	.	.
Georgia	188	185	17.5	60.4	17.7	4.4	0.0	0.0	1.8	456.4	452.3	458.4	429.9	.	.	458.1
Hong Kong SAR	175	173	55.3	40.3	4.2	0.2	1.8	0.0	0.0	587.0	603.4	600.7	451.3	615.8	.	.
Hungary	278	265	31.8	57.7	9.2	1.3	3.4	0.0	1.2	510.6	518.3	493.3	597.9	518.2	.	491.5
Iran, Islamic Rep. of	251	251	72.7	23.2	1.9	2.2	0.0	0.0	0.0	436.4	433.9	397.7	494.1	.	.	.
Ireland	526	483	56.5	38.9	4.1	0.5	6.7	0.0	0.3	523.2	522.6	524.3	568.9	530.7	.	433.6
Israel	603	535	47.0	33.6	14.2	5.2	6.3	0.0	2.2	515.7	503.3	513.2	507.9	516.9	.	497.8
Italy	230	215	36.3	57.3	3.7	2.8	4.6	0.0	0.7	490.1	495.0	481.8	522.1	512.6	.	497.4
Japan	231	230	33.4	58.0	8.1	0.4	0.3	0.0	0.0	584.3	587.2	588.9	619.4	571.1	.	.
Jordan	260	260	53.4	40.0	6.0	0.6	0.0	0.0	0.0	382.8	386.2	406.1	378.2	.	.	.
Kazakhstan	239	237	24.1	63.1	12.3	0.5	0.4	0.0	0.4	517.5	530.1	537.6	576.2	518.8	.	423.2
Korea, Rep. of	317	317	40.4	53.8	5.2	0.7	0.0	0.0	0.0	603.4	606.2	622.0	589.0	.	.	.
Kuwait	191	188	44.9	41.4	11.5	2.2	1.4	0.0	0.7	390.9	391.1	401.7	398.8	401.3	.	383.7
Lebanon	185	178	38.4	35.6	14.3	11.7	2.3	0.0	1.3	434.6	452.0	429.0	453.3	451.2	.	444.6
Lithuania	269	257	36.5	50.2	8.9	4.3	4.8	0.0	0.4	511.6	512.4	498.9	512.1	524.4	.	465.8
Malaysia	326	304	49.3	43.5	7.1	0.0	6.2	0.0	0.0	468.9	463.6	459.4	.	455.7	.	544.2
Malta	224	212	60.5	32.1	7.0	0.5	4.6	0.0	0.4	498.2	488.5	496.4	381.1	478.6	.	474.0
Morocco	373	355	72.8	21.0	4.9	1.4	2.3	0.0	1.7	384.6	383.7	379.5	392.6	384.9	.	390.6
New Zealand	489	442	46.3	45.8	6.4	1.6	3.7	0.0	5.7	500.7	489.0	468.0	494.3	472.4	.	499.2
Norway	239	218	68.9	27.6	3.0	0.5	7.7	0.0	0.0	512.2	513.1	509.9	542.0	499.2	.	.
Oman	356	350	54.5	35.5	9.0	0.9	0.0	0.0	1.3	404.9	398.9	408.4	438.4	.	.	386.5
Qatar	250	246	35.8	48.1	14.9	1.2	0.4	0.0	0.3	418.0	441.1	464.9	460.7	546.5	.	440.1
Russian Federation	226	226	24.5	62.7	11.6	1.2	0.0	0.0	0.0	534.5	536.0	554.1	559.4	.	.	.
Saudi Arabia	149	146	49.8	40.4	7.6	2.2	0.6	0.0	1.1	368.6	361.3	370.3	419.9	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	438	27.9	64.0	6.8	1.3	5.2	0.0	0.7	518.4	514.9	518.8	558.7	510.2	.	514.4
South Africa	334	330	71.8	23.7	3.4	1.1	0.2	0.0	0.2	366.3	382.7	429.0	379.1	319.9	.	360.1
Sweden	206	201	60.5	34.6	4.7	0.2	1.8	0.0	0.0	503.6	493.7	510.7	537.6	510.0	.	.
Thailand	205	203	58.7	36.0	5.0	0.3	0.0	0.0	1.3	429.4	430.3	459.7	455.0	.	.	440.2
Turkey	220	219	51.3	33.4	9.5	5.9	0.0	0.0	0.8	447.4	473.2	434.1	509.8	.	.	367.1
United Arab Emirates	746	681	39.8	45.3	10.6	4.3	7.7	0.0	0.2	458.1	465.5	474.3	513.0	457.1	.	418.2
United States	429	368	46.2	42.7	8.5	2.7	13.6	0.0	0.5	513.0	524.5	515.1	520.3	516.7	.	562.9
International Avg. (38)	12055	10982	49.2	41.5	7.3	2.1	3.5	0.0	0.7	475.0	479.6	485.1	488.5	480.5	.	447.2
Buenos Aires, Argentina	138	60	54.6	31.5	10.6	3.3	57.3	0.0	0.3	382.0	384.8	430.1	434.2	400.5	.	471.1
Ontario, Canada	217	186	60.1	38.0	1.9	0.0	11.9	0.0	1.7	521.7	527.0	541.9	.	506.0	.	544.5
Quebec, Canada	175	161	59.0	37.0	4.1	0.0	7.9	0.0	0.0	545.6	552.1	577.3	.	474.1	.	.
Norway (8)	239	216	72.7	25.3	1.6	0.5	7.8	0.0	0.4	486.8	487.8	497.6	458.9	482.8	.	481.9
Abu Dhabi, UAE	207	182	41.1	40.8	13.5	4.5	11.4	0.0	0.4	443.8	426.0	446.8	546.3	444.7	.	383.2
Dubai, UAE	267	252	31.0	56.1	9.7	3.2	3.8	0.0	0.1	496.4	516.9	538.8	519.9	487.9	.	518.2
Florida, US	110	79	65.2	33.1	1.6	0.0	24.8	0.0	0.0	494.6	513.5	520.3	.	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I feel too much pressure from parents
Location: TQG-11f (BTBG11F)

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	941	781	5.5	27.7	45.3	21.5	8.9	0.0	1.2	509.9	508.6	512.6	497.6	479.0	.	461.3
Bahrain	201	198	6.8	27.1	33.9	32.1	1.0	0.0	1.5	455.2	449.5	448.6	465.0	452.8	.	415.3
Botswana	169	154	6.3	14.8	29.4	49.4	5.5	0.0	1.3	389.4	409.3	390.7	385.1	383.2	.	437.2
Canada	409	364	5.3	25.7	46.2	22.8	9.7	0.0	1.0	543.3	531.9	532.1	521.9	497.7	.	544.5
Chile	173	155	5.3	25.6	34.7	34.4	9.4	0.0	0.0	428.7	434.3	427.3	428.6	406.3	.	.
Chinese Taipei	216	216	4.2	24.9	55.0	15.9	0.0	0.0	0.0	630.7	601.5	598.9	587.9	.	.	.
Egypt	215	211	15.2	29.1	30.2	25.5	0.7	0.0	1.4	392.3	379.9	401.6	394.9	428.8	.	377.9
England	215	184	5.1	25.0	46.6	23.3	13.1	0.0	0.0	521.9	518.1	517.2	515.1	525.4	.	.
Georgia	188	185	0.3	8.1	36.2	55.4	0.0	0.0	1.8	434.3	463.1	447.8	456.3	.	.	426.6
Hong Kong SAR	175	173	5.6	31.4	44.0	19.1	1.8	0.0	0.0	608.1	591.5	587.4	608.5	615.8	.	.
Hungary	278	264	9.4	27.9	52.7	10.0	3.4	0.0	1.5	535.3	518.1	507.6	519.4	518.2	.	510.4
Iran, Islamic Rep. of	251	250	3.9	16.9	33.7	45.5	0.0	0.0	0.3	475.0	450.2	429.3	433.2	.	.	428.0
Ireland	526	483	5.6	28.3	45.7	20.3	6.7	0.0	0.7	561.1	535.2	518.0	506.6	530.7	.	520.5
Israel	603	539	4.7	26.2	38.1	31.0	6.3	0.0	2.0	547.9	527.0	503.3	501.5	516.9	.	483.5
Italy	230	216	3.2	19.1	63.4	14.4	4.6	0.0	0.0	502.0	504.7	490.4	490.6	512.6	.	.
Japan	231	230	4.0	13.2	61.1	21.7	0.3	0.0	0.0	580.6	596.4	585.0	585.7	571.1	.	.
Jordan	260	259	7.8	23.2	42.5	26.5	0.0	0.0	0.7	376.9	383.7	389.5	381.9	.	.	443.1
Kazakhstan	239	237	1.2	17.1	57.2	24.4	0.4	0.0	0.4	562.0	517.3	527.3	536.3	518.8	.	423.2
Korea, Rep. of	317	317	3.5	30.1	54.7	11.7	0.0	0.0	0.0	612.8	608.5	604.3	603.4	.	.	.
Kuwait	191	189	5.5	23.5	38.6	32.4	1.4	0.0	0.0	390.1	374.1	397.4	400.0	401.3	.	.
Lebanon	185	179	4.3	14.8	35.3	45.6	2.3	0.0	0.7	444.4	446.2	442.9	440.0	451.2	.	450.3
Lithuania	269	256	1.4	20.1	37.4	41.1	4.8	0.0	1.2	472.0	520.5	505.1	512.9	524.4	.	488.6
Malaysia	326	304	1.2	14.0	73.9	10.9	6.2	0.0	0.0	543.2	476.9	462.3	467.4	455.7	.	544.2
Malta	224	211	7.0	34.9	40.0	18.2	4.6	0.0	0.8	520.8	511.1	488.7	463.8	478.6	.	499.6
Morocco	373	354	1.9	10.0	30.6	57.5	2.3	0.0	1.6	383.1	391.4	388.0	381.5	384.9	.	378.4
New Zealand	489	443	4.4	20.5	47.9	27.2	3.7	0.0	5.5	529.2	498.4	489.7	490.0	472.4	.	496.9
Norway	239	217	2.2	19.9	56.4	21.5	7.7	0.0	0.3	525.4	508.6	513.2	513.5	499.2	.	494.4
Oman	356	350	3.1	12.4	53.2	31.3	0.0	0.0	1.3	403.2	393.7	405.4	403.8	.	.	386.5
Qatar	250	247	1.4	14.9	40.2	43.5	0.4	0.0	0.0	436.4	432.1	430.9	443.4	546.5	.	.
Russian Federation	226	226	2.3	5.9	57.3	34.6	0.0	0.0	0.0	524.0	542.3	534.8	543.4	.	.	.
Saudi Arabia	149	146	4.7	18.1	34.4	42.8	0.6	0.0	1.1	350.0	374.8	362.1	369.3	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	440	13.5	37.4	45.3	3.9	5.1	0.0	0.6	517.2	515.7	516.2	527.8	511.9	.	514.8
South Africa	334	331	9.3	21.7	39.1	29.9	0.2	0.0	0.0	353.8	361.2	380.3	376.1	319.9	.	.
Sweden	206	200	8.2	16.5	52.2	23.1	1.8	0.0	0.6	506.2	511.2	501.6	488.5	510.0	.	500.9
Thailand	205	203	3.0	22.2	38.1	36.6	0.0	0.0	1.3	468.9	427.9	427.3	434.4	.	.	440.2
Turkey	220	219	4.3	19.9	37.2	38.6	0.0	0.0	0.3	504.3	477.1	464.0	436.1	.	.	477.7
United Arab Emirates	746	679	3.2	20.1	43.6	33.1	7.7	0.0	0.8	463.4	463.7	444.0	493.6	457.1	.	512.6
United States	429	367	3.3	22.6	42.3	31.9	13.6	0.0	0.9	564.7	541.2	517.1	500.0	516.7	.	510.4
International Avg. (38)	12055	10977	4.9	21.3	44.6	29.2	3.5	0.0	0.8	488.6	481.5	476.0	476.5	480.5	.	465.4
Buenos Aires, Argentina	138	60	1.4	17.3	39.7	41.6	57.3	0.0	0.3	469.6	382.1	397.1	383.1	400.5	.	471.1
Ontario, Canada	217	186	5.0	28.9	41.2	24.9	11.9	0.0	1.7	532.5	527.9	519.8	525.3	506.0	.	544.5
Quebec, Canada	175	161	4.5	24.6	58.1	12.7	7.9	0.0	0.0	571.5	546.3	553.0	530.4	474.1	.	.
Norway (8)	239	216	3.7	18.1	52.2	25.9	7.8	0.0	0.4	481.3	495.6	486.0	484.3	482.8	.	481.9
Abu Dhabi, UAE	207	180	3.4	20.6	54.8	21.2	11.4	0.0	2.0	414.8	446.1	430.5	461.0	444.7	.	511.7
Dubai, UAE	267	251	3.9	18.3	32.9	44.9	3.8	0.0	0.4	532.3	493.7	492.8	533.5	487.9	.	519.6
Florida, US	110	79	2.2	31.8	39.2	26.8	24.8	0.0	0.0	530.3	495.6	525.8	469.9	469.7	.	.

Question: Indicate the extent to which you agree or disagree with each of the following statements. I have difficulty keeping up with all of the changes to the curriculum
Location: TQG-11g (BTBG11G)

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	941	782	13.7	37.4	33.6	15.4	8.9	0.0	1.4	512.6	498.7	510.7	521.2	479.0	.	467.3
Bahrain	201	198	1.4	18.0	24.0	56.6	1.0	0.0	1.5	488.7	459.1	453.6	452.6	452.8	.	415.3
Botswana	169	155	10.6	33.3	35.6	20.5	5.5	0.0	0.3	380.8	390.6	384.9	409.0	383.2	.	384.6
Canada	409	364	4.6	20.5	50.4	24.5	9.7	0.0	1.0	535.7	521.7	531.6	533.8	497.7	.	544.5
Chile	173	154	2.8	18.5	30.1	48.6	9.4	0.0	0.7	404.3	428.2	422.8	435.4	406.3	.	458.8
Chinese Taipei	216	216	1.5	11.4	53.3	33.7	0.0	0.0	0.0	594.7	600.9	602.3	593.6	.	.	.
Egypt	215	212	4.7	22.4	24.5	48.4	0.7	0.0	1.0	355.2	384.3	386.1	402.4	428.8	.	377.0
England	215	184	16.6	43.4	24.3	15.6	13.1	0.0	0.0	506.8	517.2	516.7	529.0	525.4	.	.
Georgia	188	186	2.0	9.9	41.6	46.5	0.0	0.0	1.1	446.4	456.7	451.3	454.7	.	.	440.0
Hong Kong SAR	175	173	1.4	26.0	44.1	28.5	1.8	0.0	0.0	628.8	594.2	593.3	592.7	615.8	.	.
Hungary	278	264	5.2	29.5	44.3	20.9	3.4	0.0	1.5	502.7	509.9	520.7	511.3	518.2	.	494.0
Iran, Islamic Rep. of	251	251	6.3	32.1	32.6	29.0	0.0	0.0	0.0	434.3	432.8	438.0	438.9	.	.	.
Ireland	526	483	7.7	41.7	33.0	17.6	6.7	0.0	0.4	530.5	525.5	519.1	522.9	530.7	.	436.3
Israel	603	538	5.3	25.2	34.8	34.8	6.3	0.0	2.1	470.0	513.6	516.1	509.9	516.9	.	492.9
Italy	230	215	2.0	20.3	60.2	17.6	4.6	0.0	0.7	499.5	489.9	496.8	491.1	512.6	.	369.4
Japan	231	230	1.5	27.8	57.3	13.4	0.3	0.0	0.0	612.0	584.5	584.7	595.9	571.1	.	.
Jordan	260	260	3.6	16.4	37.4	42.7	0.0	0.0	0.0	418.5	392.6	386.4	379.3	.	.	.
Kazakhstan	239	237	0.7	13.4	54.7	31.3	0.4	0.0	0.4	561.7	509.2	523.0	544.8	518.8	.	423.2
Korea, Rep. of	317	317	6.2	34.7	51.0	8.2	0.0	0.0	0.0	599.5	600.6	609.7	607.4	.	.	.
Kuwait	191	189	7.3	13.8	33.6	45.2	1.4	0.0	0.0	380.3	379.4	392.7	398.0	401.3	.	.
Lebanon	185	177	4.4	7.4	29.3	58.9	2.3	0.0	1.5	396.6	456.2	429.9	450.0	451.2	.	441.4
Lithuania	269	257	4.2	28.7	31.3	35.8	4.8	0.0	0.4	529.0	508.6	511.4	510.1	524.4	.	465.8
Malaysia	326	304	6.7	31.5	48.4	13.3	6.2	0.0	0.0	457.7	458.5	470.1	472.4	455.7	.	544.2
Malta	224	212	10.6	34.3	37.6	17.5	4.6	0.0	0.4	478.9	493.5	499.3	494.7	478.6	.	474.0
Morocco	373	354	6.1	24.7	33.8	35.4	2.3	0.0	2.3	386.3	380.6	384.6	386.0	384.9	.	390.5
New Zealand	489	441	8.9	40.7	35.5	14.9	3.7	0.0	5.9	500.2	493.7	491.8	490.7	472.4	.	498.8
Norway	239	218	5.8	37.3	32.1	24.7	7.7	0.0	0.0	516.6	511.9	511.8	513.5	499.2	.	.
Oman	356	350	1.7	14.8	36.6	46.9	0.0	0.0	1.3	398.8	403.0	402.9	404.0	.	.	386.5
Qatar	250	247	2.2	12.8	26.5	58.5	0.4	0.0	0.0	448.1	430.0	446.8	433.0	546.5	.	.
Russian Federation	226	226	1.2	22.7	55.6	20.5	0.0	0.0	0.0	503.5	529.4	538.3	548.6	.	.	.
Saudi Arabia	149	146	4.2	23.6	33.9	38.3	0.6	0.0	1.1	340.0	371.7	361.9	371.3	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	439	2.0	24.3	62.2	11.6	5.2	0.0	0.6	502.4	519.5	516.1	516.3	510.2	.	514.8
South Africa	334	330	9.8	33.0	32.3	24.9	0.2	0.0	0.2	349.4	355.9	383.8	388.7	319.9	.	358.0
Sweden	206	201	1.8	13.7	51.6	32.9	1.8	0.0	0.0	481.0	501.4	505.5	493.5	510.0	.	.
Thailand	205	203	7.0	38.4	30.0	24.5	0.0	0.0	1.3	422.5	431.0	437.6	426.7	.	.	440.2
Turkey	220	220	3.0	11.0	22.8	63.2	0.0	0.0	0.0	461.6	457.6	460.5	456.4	.	.	.
United Arab Emirates	746	680	1.7	16.5	39.2	42.6	7.7	0.0	0.4	426.2	468.8	459.8	471.1	457.1	.	439.0
United States	429	368	16.2	36.7	26.3	20.8	13.6	0.0	0.5	521.6	517.5	517.5	518.1	516.7	.	562.9
International Avg. (38)	12055	10981	5.3	24.9	38.6	31.2	3.5	0.0	0.7	473.3	475.8	478.2	480.8	480.5	.	448.7
Buenos Aires, Argentina	138	60	4.6	20.6	30.2	44.6	57.3	0.0	0.3	378.7	392.2	364.6	406.7	400.5	.	471.1
Ontario, Canada	217	186	6.2	28.9	46.3	18.6	11.9	0.0	1.7	531.8	518.7	523.2	532.3	506.0	.	544.5
Quebec, Canada	175	161	3.1	8.7	55.4	32.8	7.9	0.0	0.0	550.1	553.4	552.7	542.4	474.1	.	.
Norway (8)	239	215	5.3	35.8	37.4	21.4	7.9	0.0	0.4	497.8	480.6	487.4	494.9	482.5	.	481.9
Abu Dhabi, UAE	207	182	2.3	22.7	36.5	38.5	11.4	0.0	0.4	384.5	462.2	432.4	441.6	444.7	.	383.2
Dubai, UAE	267	250	1.3	17.8	41.3	39.6	3.8	0.0	0.8	530.4	499.1	510.3	521.7	487.9	.	478.8
Florida, US	110	78	30.2	44.2	16.4	9.3	24.8	0.0	0.4	497.8	507.2	511.0	465.3	469.7	.	541.6

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 (BTBG11H)

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	941	783	36.3	43.8	15.6	4.3	8.8	0.0	1.4	508.7	504.8	514.6	512.9	478.9	.	466.9
Bahrain	201	197	10.6	28.2	32.4	28.8	1.0	0.0	2.1	464.1	457.4	446.5	459.2	452.8	.	401.2
Botswana	169	155	15.4	26.3	37.8	20.5	5.5	0.0	0.3	394.2	391.6	388.1	394.6	383.2	.	384.6
Canada	409	364	21.0	30.6	33.7	14.7	9.7	0.0	1.0	529.9	532.5	532.0	522.5	497.7	.	544.5
Chile	173	155	39.3	31.0	17.1	12.6	9.4	0.0	0.0	426.8	433.7	443.8	409.1	406.3	.	.
Chinese Taipei	216	216	7.7	21.8	37.1	33.5	0.0	0.0	0.0	578.8	597.7	605.1	598.1	.	.	.
Egypt	215	212	10.9	25.0	31.3	32.8	0.7	0.0	1.0	399.3	386.9	393.0	392.9	428.8	.	377.0
England	215	184	40.6	45.8	9.2	4.4	13.1	0.0	0.0	506.4	523.8	539.9	499.7	525.4	.	.
Georgia	188	186	2.4	5.0	34.9	57.7	0.0	0.0	1.1	464.9	458.2	452.9	452.7	.	.	440.0
Hong Kong SAR	175	173	27.7	37.5	28.6	6.2	1.8	0.0	0.0	585.5	594.9	592.4	631.9	615.8	.	.
Hungary	278	266	50.6	33.3	13.6	2.5	3.4	0.0	0.9	505.1	518.3	529.4	563.7	518.2	.	518.1
Iran, Islamic Rep. of	251	249	20.3	43.5	19.8	16.4	0.0	0.0	1.2	438.9	437.2	428.2	444.4	.	.	385.3
Ireland	526	483	23.3	38.3	25.0	13.5	6.7	0.0	0.4	521.5	535.8	507.2	521.1	530.7	.	436.3
Israel	603	538	13.8	29.8	29.0	27.3	6.3	0.0	1.9	512.7	516.0	510.0	505.0	516.9	.	494.8
Italy	230	214	5.9	26.2	45.4	22.5	4.6	0.0	0.6	492.3	499.4	489.5	493.9	512.6	.	539.3
Japan	231	230	24.9	41.8	29.2	4.1	0.3	0.0	0.0	587.3	581.3	590.4	607.5	571.1	.	.
Jordan	260	260	7.6	19.2	36.6	36.6	0.0	0.0	0.0	393.9	377.6	389.0	384.6	.	.	.
Kazakhstan	239	237	1.0	13.7	61.3	24.0	0.4	0.0	0.4	506.9	530.5	520.8	546.8	518.8	.	423.2
Korea, Rep. of	317	317	36.6	44.6	17.7	1.1	0.0	0.0	0.0	608.0	604.7	604.4	594.9	.	.	.
Kuwait	191	188	10.3	32.5	31.1	26.1	1.4	0.0	0.7	404.5	384.7	397.0	391.7	401.3	.	383.7
Lebanon	185	176	4.4	25.9	27.8	42.0	2.3	0.0	2.3	440.8	425.6	434.0	457.7	451.2	.	449.1
Lithuania	269	256	6.5	24.5	38.5	30.5	4.8	0.0	1.1	516.6	519.8	512.2	501.3	524.4	.	477.3
Malaysia	326	303	18.6	37.5	35.8	8.1	6.2	0.0	0.2	466.6	473.4	459.0	459.5	455.7	.	524.5
Malta	224	213	16.7	36.3	31.7	15.4	4.6	0.0	0.0	511.6	495.9	478.3	504.4	478.6	.	.
Morocco	373	350	1.0	9.5	25.7	63.8	2.3	0.0	2.3	417.3	388.5	379.0	385.3	384.9	.	388.3
New Zealand	489	442	33.1	40.2	19.2	7.4	3.7	0.0	5.6	496.0	495.9	484.7	489.3	472.4	.	497.5
Norway	239	218	32.5	33.2	23.8	10.5	7.7	0.0	0.0	512.4	515.6	513.8	501.1	499.2	.	.
Oman	356	350	10.7	26.4	31.0	31.9	0.0	0.0	1.3	406.6	398.2	401.0	408.9	.	.	386.5
Qatar	250	247	6.3	25.5	32.1	36.1	0.4	0.0	0.0	484.7	444.4	434.1	424.9	546.5	.	.
Russian Federation	226	226	3.5	10.4	38.4	47.8	0.0	0.0	0.0	505.2	543.7	535.7	541.0	.	.	.
Saudi Arabia	149	146	5.9	27.6	27.7	38.8	0.6	0.0	1.1	364.1	357.9	368.7	372.4	448.5	.	398.0
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	440	54.0	39.1	6.5	0.4	5.1	0.0	0.6	515.9	518.9	507.8	537.0	511.9	.	514.8
South Africa	334	331	31.8	32.0	23.6	12.6	0.2	0.0	0.0	364.7	372.1	383.9	371.3	319.9	.	.
Sweden	206	201	37.2	44.9	15.8	2.1	1.8	0.0	0.0	503.6	501.5	491.0	498.2	510.0	.	.
Thailand	205	203	12.7	35.8	32.8	18.7	0.0	0.0	1.3	431.3	429.2	430.4	436.9	.	.	440.2
Turkey	220	220	2.1	9.1	21.2	67.6	0.0	0.0	0.0	488.7	464.4	448.9	458.5	.	.	.
United Arab Emirates	746	678	10.5	34.3	33.8	21.4	7.7	0.0	0.6	478.5	452.2	456.7	493.3	457.1	.	485.1
United States	429	367	18.3	37.8	22.5	21.5	13.6	0.0	0.9	527.2	521.0	513.3	512.8	516.7	.	510.4
International Avg. (38)	12055	10974	18.7	30.2	28.3	22.8	3.5	0.0	0.8	480.6	478.6	476.5	481.1	480.5	.	452.8
Buenos Aires, Argentina	138	60	17.5	20.3	34.6	27.6	57.3	0.0	0.3	390.9	395.5	362.1	419.3	400.5	.	471.1
Ontario, Canada	217	186	24.2	26.4	33.3	16.2	11.9	0.0	1.7	527.8	520.6	522.8	527.0	506.0	.	544.5
Quebec, Canada	175	161	17.9	36.9	36.3	8.9	7.9	0.0	0.0	534.6	556.5	555.9	522.2	474.1	.	.
Norway (8)	239	215	32.6	38.2	18.9	10.3	7.9	0.0	0.4	490.7	483.6	490.4	483.0	482.5	.	481.9
Abu Dhabi, UAE	207	182	7.9	34.4	41.0	16.7	11.4	0.0	0.4	426.8	431.4	446.8	456.6	444.7	.	383.2
Dubai, UAE	267	250	13.2	30.1	28.9	27.7	3.8	0.0	1.2	541.1	490.7	492.3	542.2	487.9	.	564.9
Florida, US	110	79	22.2	26.0	42.1	9.7	24.8	0.0	0.0	489.7	506.4	506.1	493.5	469.7	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How many students are in this class?
Location: TQG-12 (BTBG12)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	755	10.6	0.0	1.6	25.2	26.0	1.0	18.0	20.0	23.0	26.0	28.0	30.0	31.0	40.0
Bahrain	201	194	1.1	0.0	1.6	30.4	30.0	6.0	20.0	24.0	28.0	31.0	34.0	36.0	37.0	39.0
Botswana (9)	169	149	5.5	0.0	3.6	40.0	39.0	18.0	31.0	33.0	36.0	39.0	44.0	46.0	47.0	79.0
Canada	409	355	10.8	0.0	0.7	26.5	28.0	5.0	18.0	21.0	24.0	27.0	29.0	31.0	33.0	39.0
Chile	173	149	9.4	0.0	4.0	32.8	28.0	4.0	20.0	23.0	28.0	33.0	39.0	42.0	45.0	57.0
Chinese Taipei	216	216	0.0	0.0	0.0	30.8	30.0	1.0	23.0	25.0	28.0	30.0	33.0	37.0	46.0	55.0
Egypt	215	202	0.8	0.0	5.1	42.9	46.0	19.0	28.0	32.0	37.0	43.0	48.0	54.0	57.0	71.0
England	215	180	13.9	0.0	0.5	26.2	32.0	7.0	15.0	18.0	24.0	28.0	30.0	32.0	33.0	34.0
Georgia	188	171	0.0	0.0	8.5	22.6	30.0	2.0	6.0	10.0	19.0	25.0	29.0	31.0	32.0	35.0
Hong Kong SAR	175	173	1.8	0.0	0.0	30.5	34.0	2.0	19.0	21.0	28.0	32.0	34.0	36.0	39.0	43.0
Hungary	278	267	3.4	0.0	0.9	20.6	17.0	4.0	11.0	13.0	17.0	20.0	25.0	28.0	31.0	36.0
Iran, Islamic Rep. of	251	248	0.0	0.0	0.8	25.9	30.0	6.0	12.0	16.0	22.0	27.0	30.0	34.0	36.0	38.0
Ireland	526	474	7.1	0.0	1.5	24.3	30.0	2.0	12.0	15.0	21.0	26.0	29.0	30.0	32.0	35.0
Israel	603	526	6.9	0.0	2.5	26.2	30.0	1.0	8.0	11.0	21.0	28.0	33.0	36.0	38.0	58.0
Italy	230	214	4.6	0.0	1.2	22.0	21.0	1.0	16.0	17.0	20.0	22.0	25.0	26.0	28.0	30.0
Japan	231	228	0.3	0.0	0.5	32.4	35.0	1.0	17.0	21.0	30.0	35.0	37.0	39.0	40.0	46.0
Jordan	260	255	0.0	0.0	2.5	33.5	40.0	5.0	15.0	21.0	27.0	34.0	40.0	45.0	47.0	57.0
Kazakhstan	239	236	0.4	0.0	0.7	21.3	24.0	1.0	9.0	14.0	17.0	22.0	26.0	28.0	30.0	44.0
Korea, Rep. of	317	317	0.0	0.0	0.0	31.6	36.0	3.0	13.0	22.0	29.0	33.0	36.0	37.0	39.0	72.0
Kuwait	191	178	1.4	0.0	5.6	27.5	22.0	14.0	19.0	20.0	23.0	25.0	30.0	39.0	43.0	49.0
Lebanon	185	171	2.8	0.0	4.5	25.4	28.0	2.0	13.0	15.0	20.0	25.0	30.0	34.0	38.0	54.0
Lithuania	269	257	4.8	0.0	0.8	22.5	28.0	1.0	10.0	13.0	19.0	24.0	28.0	30.0	31.0	32.0
Malaysia	326	301	6.2	0.0	2.0	32.4	30.0	4.0	21.0	25.0	28.0	32.0	36.0	40.0	43.0	77.0
Malta	224	208	6.4	0.0	0.5	20.2	20.0	5.0	11.0	13.0	17.0	21.0	23.0	25.0	26.0	51.0
Morocco	373	290	3.3	0.0	16.1	41.4	40.0	12.0	25.0	30.0	36.0	40.0	44.0	47.0	80.0	80.0
New Zealand	489	460	3.8	0.0	2.3	25.3	28.0	1.0	13.0	18.0	23.0	27.0	29.0	30.0	31.0	90.0
Norway (9)	239	210	9.6	0.0	0.3	24.5	25.0	2.0	16.0	18.0	22.0	25.0	28.0	30.0	30.0	46.0
Oman	356	342	0.0	0.0	3.8	28.6	28.0	2.0	12.0	18.0	25.0	30.0	33.0	36.0	40.0	48.0
Qatar	250	236	0.5	0.0	3.5	26.9	30.0	2.0	15.0	19.0	23.0	28.0	30.0	35.0	37.0	45.0
Russian Federation	226	226	0.0	0.0	0.0	23.2	24.0	3.0	10.0	14.0	21.0	24.0	27.0	29.0	30.0	37.0
Saudi Arabia	149	139	2.5	0.0	2.0	28.7	29.0	6.0	16.0	18.0	23.0	29.0	32.0	39.0	51.0	77.0
Singapore	334	330	1.7	0.0	0.0	35.8	40.0	5.0	23.0	28.0	33.0	39.0	40.0	41.0	41.0	44.0
Slovenia	467	431	5.6	0.0	1.0	16.7	14.0	1.0	10.0	12.0	14.0	16.0	19.0	24.0	26.0	29.0
South Africa (9)	334	318	1.1	0.0	2.2	46.4	43.0	5.0	25.0	29.0	35.0	44.0	53.0	71.0	76.0	95.0
Sweden	206	194	1.8	0.0	4.3	22.6	22.0	3.0	16.0	17.0	20.0	23.0	26.0	27.0	29.0	34.0
Thailand	205	205	0.0	0.0	0.0	33.7	24.0	5.0	15.0	20.0	26.0	34.0	41.0	49.0	51.0	62.0
Turkey	220	218	0.0	0.0	0.6	29.9	25.0	9.0	16.0	19.0	24.0	30.0	36.0	40.0	44.0	70.0
United Arab Emirates	746	617	10.2	0.0	3.3	27.4	30.0	1.0	17.0	20.0	24.0	28.0	31.0	35.0	36.0	56.0
United States	429	362	13.6	0.0	2.6	27.8	22.0	1.0	15.0	17.0	21.0	26.0	31.0	40.0	51.0	80.0
International Avg. (39)	12055	11002	3.9	0.0	2.3	28.5	29.2	4.4	16.1	19.5	24.5	29.0	32.7	36.4	39.9	52.9
Buenos Aires, Argentina	138	59	57.3	0.0	0.7	27.5	25.0	12.0	16.0	20.0	23.0	27.0	32.0	37.0	37.0	40.0
Ontario, Canada	217	181	13.7	0.0	1.2	26.1	28.0	6.0	19.0	20.0	24.0	27.0	29.0	31.0	32.0	39.0
Quebec, Canada	175	157	8.0	0.0	0.0	27.9	28.0	5.0	18.0	22.0	26.0	28.0	30.0	34.0	36.0	37.0
Norway (8)	239	210	9.3	0.0	0.4	24.1	28.0	2.0	16.0	18.0	21.0	25.0	28.0	29.0	30.0	54.0
Abu Dhabi, UAE	207	165	14.4	0.0	2.3	26.5	30.0	1.0	17.0	20.0	24.0	28.0	30.0	32.0	33.0	36.0
Dubai, UAE	267	223	5.8	0.0	5.7	27.8	30.0	1.0	16.0	19.0	23.0	28.0	34.0	36.0	37.0	56.0
Florida, US	110	76	25.8	0.0	1.1	25.1	22.0	11.0	17.0	19.0	21.0	23.0	27.0	32.0	34.0	60.0

Question: How many <eighth grade> students experience difficulties understanding spoken <language of test>?
Location: TQG-13 (BTBG13)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	749	10.6	0.0	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	26.0
Bahrain	201	191	1.1	0.0	3.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0	10.0	25.0
Botswana (9)	169	137	5.5	0.0	12.3	17.9	0.0	0.0	0.0	2.0	8.0	18.0	27.0	34.0	40.0	43.0
Canada	409	352	10.7	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	6.0	21.0
Chile	173	143	9.4	0.0	5.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	15.0	34.0
Chinese Taipei	216	214	0.0	0.0	0.5	2.7	0.0	0.0	0.0	0.0	0.0	1.0	3.0	7.0	10.0	40.0
Egypt	215	189	0.8	0.0	10.9	9.3	0.0	0.0	0.0	0.0	2.0	8.0	15.0	20.0	26.0	60.0
England	215	180	13.9	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	28.0
Georgia	188	165	0.0	0.0	11.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	30.0
Hong Kong SAR	175	170	1.8	0.0	1.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	20.0	32.0
Hungary	278	268	3.4	0.0	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	23.0
Iran, Islamic Rep. of	251	247	0.0	0.0	1.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	12.0	20.0
Ireland	526	479	7.1	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	27.0
Israel	603	517	6.9	0.0	3.5	3.4	0.0	0.0	0.0	0.0	0.0	1.0	5.0	10.0	14.0	39.0
Italy	230	212	4.6	0.0	2.1	1.9	0.0	0.0	0.0	0.0	0.0	1.0	2.0	6.0	9.0	18.0
Japan	231	230	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0
Jordan	260	242	0.0	0.0	6.0	6.7	0.0	0.0	0.0	0.0	0.0	4.0	10.0	20.0	20.0	30.0
Kazakhstan	239	226	0.4	0.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	26.0
Korea, Rep. of	317	315	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	20.0
Kuwait	191	154	1.4	0.0	22.7	4.6	0.0	0.0	0.0	0.0	1.0	4.0	6.0	10.0	15.0	24.0
Lebanon	185	161	4.5	0.0	9.6	9.7	0.0	0.0	0.0	0.0	4.0	8.0	15.0	20.0	20.0	45.0
Lithuania	269	255	4.8	0.0	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	23.0
Malaysia	326	256	6.2	0.0	14.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	6.0	15.0	25.0	31.0
Malta	224	207	6.4	0.0	1.2	4.3	0.0	0.0	0.0	0.0	0.0	2.0	7.0	12.0	17.0	30.0
Morocco	373	285	2.3	0.0	19.7	11.1	0.0	0.0	0.0	0.0	0.0	9.0	20.0	30.0	32.0	80.0
New Zealand	489	456	3.8	0.0	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	30.0
Norway (9)	239	210	9.6	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	3.0	25.0
Oman	356	322	0.0	0.0	9.5	4.2	0.0	0.0	0.0	0.0	0.0	2.0	5.0	13.0	15.0	35.0
Qatar	250	228	0.5	0.0	8.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	12.0	20.0
Russian Federation	226	226	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0
Saudi Arabia	149	135	0.6	0.0	9.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	12.0	30.0
Singapore	334	330	1.7	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	25.0
Slovenia	467	429	5.6	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	19.0
South Africa (9)	334	296	1.1	0.0	11.7	18.0	0.0	0.0	0.0	0.0	0.0	18.0	30.0	40.0	45.0	60.0
Sweden	206	194	1.8	0.0	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	24.0
Thailand	205	205	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Turkey	220	218	0.0	0.0	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.0	33.0
United Arab Emirates	746	548	10.3	0.0	11.7	3.3	0.0	0.0	0.0	0.0	0.0	2.0	5.0	9.0	12.0	28.0
United States	429	367	13.6	0.0	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	6.0	25.0
International Avg. (39)	12055	10708	3.9	0.0	5.1	3.4	0.0	0.0	0.0	0.1	0.4	2.0	4.8	8.8	12.2	29.3
Buenos Aires, Argentina	138	57	57.3	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	20.0
Ontario, Canada	217	179	13.5	0.0	2.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	21.0
Quebec, Canada	175	156	8.0	0.0	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	12.0	13.0
Norway (8)	239	209	9.3	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0	22.0
Abu Dhabi, UAE	207	152	14.1	0.0	7.9	4.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	10.0	14.0	20.0
Dubai, UAE	267	204	5.6	0.0	13.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	8.0	18.0
Florida, US	110	78	25.8	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	16.0	32.0

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives
Location: TQG-14a (BTBG14A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	751	27.8	32.8	38.3	1.1	10.6	0.0	1.6	503.3	503.0	518.5	510.2	473.9	.	484.0
Bahrain	201	198	66.6	19.0	14.4	0.0	1.1	0.0	0.1	454.0	450.0	458.1	.	450.8	.	600.9
Botswana	169	155	61.9	21.2	16.9	0.0	5.5	0.0	0.5	391.7	392.2	387.8	.	383.2	.	413.7
Canada	409	357	42.9	31.3	25.2	0.7	10.7	0.0	0.9	527.1	525.9	539.5	578.3	501.9	.	542.3
Chile	173	153	65.6	21.6	12.8	0.0	9.4	0.0	1.1	432.1	423.6	424.9	.	406.3	.	450.3
Chinese Taipei	216	216	14.3	30.7	54.7	0.4	0.0	0.0	0.0	597.0	599.3	599.8	566.0	.	.	.
Egypt	215	211	29.1	23.2	47.3	0.4	0.8	0.0	1.1	405.8	382.6	388.2	356.9	431.7	.	396.3
England	215	182	14.0	36.6	48.1	1.4	13.9	0.0	0.0	496.7	507.3	529.1	572.8	524.9	.	.
Georgia	188	186	33.9	23.3	42.2	0.6	0.0	0.0	1.5	452.2	465.2	447.5	483.5	.	.	438.0
Hong Kong SAR	175	172	6.3	23.0	70.1	0.6	1.8	0.0	0.2	607.4	593.4	594.0	455.3	615.8	.	550.5
Hungary	278	268	43.6	38.4	18.0	0.0	3.4	0.0	0.4	504.3	517.4	531.8	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	33.7	29.5	36.3	0.5	0.0	0.0	0.0	443.3	422.2	440.7	495.2	.	.	.
Ireland	526	482	27.9	32.3	39.8	0.1	7.1	0.0	0.4	515.1	528.9	523.2	545.0	535.6	.	464.2
Israel	603	532	34.9	28.7	36.1	0.4	6.9	0.0	2.2	505.4	509.8	518.0	596.2	513.3	.	476.8
Italy	230	216	51.7	23.9	23.0	1.5	4.6	0.0	0.0	493.2	499.4	490.6	452.2	512.6	.	.
Japan	231	229	13.0	23.9	62.7	0.4	0.3	0.0	0.4	588.7	584.4	585.8	710.8	571.1	.	619.4
Jordan	260	259	53.4	29.4	17.2	0.0	0.0	0.0	0.6	387.8	373.5	399.5	.	.	.	373.9
Kazakhstan	239	238	54.9	18.2	26.7	0.3	0.4	0.0	0.0	528.0	535.4	521.7	593.1	518.8	.	.
Korea, Rep. of	317	317	12.6	37.9	47.0	2.5	0.0	0.0	0.0	597.7	603.7	608.2	630.7	.	.	.
Kuwait	191	187	29.1	35.2	35.1	0.6	1.4	0.0	0.7	411.9	395.5	374.0	366.0	401.3	.	366.7
Lebanon	185	178	38.6	27.0	34.4	0.0	2.8	0.0	1.3	438.5	434.1	452.2	.	460.6	.	433.9
Lithuania	269	257	29.2	35.5	35.3	0.0	4.8	0.0	0.8	513.9	509.5	509.3	.	524.4	.	501.2
Malaysia	326	304	37.8	35.3	26.9	0.0	6.3	0.0	0.0	468.6	460.0	469.8	.	457.0	.	.
Malta	224	208	36.5	34.6	28.8	0.0	6.4	0.0	0.5	473.9	493.8	520.7	.	480.0	.	524.2
Morocco	373	356	37.5	16.3	43.7	2.4	2.3	0.0	1.9	391.7	378.2	381.2	377.9	384.9	.	374.4
New Zealand	489	464	14.7	36.3	48.8	0.3	3.8	0.0	1.1	481.3	500.0	492.0	566.0	471.8	.	497.4
Norway	239	209	17.7	39.6	41.8	1.0	9.6	0.0	0.4	517.1	512.2	512.1	504.8	498.8	.	494.2
Oman	356	348	54.5	24.6	21.0	0.0	0.0	0.0	1.4	406.2	404.4	394.8	.	.	.	387.8
Qatar	250	245	50.7	29.1	18.8	1.4	0.5	0.0	0.7	435.9	422.5	455.7	507.6	547.9	.	405.9
Russian Federation	226	225	30.0	35.8	34.2	0.0	0.0	0.0	0.2	544.6	538.5	532.0	.	.	.	491.3
Saudi Arabia	149	145	48.9	32.7	18.4	0.0	0.6	0.0	2.2	367.9	376.8	348.0	.	448.5	.	373.2
Singapore	334	330	20.9	33.2	45.6	0.3	1.7	0.0	0.0	609.4	621.2	623.8	622.1	681.7	.	.
Slovenia	467	433	40.2	40.6	19.2	0.0	5.6	0.0	0.7	516.7	516.9	515.2	.	511.8	.	536.7
South Africa	334	326	41.5	26.5	32.0	0.0	1.1	0.0	0.9	351.9	388.1	384.4	.	415.4	.	372.2
Sweden	206	199	14.0	38.2	47.8	0.0	1.8	0.0	1.6	488.2	508.5	497.0	.	510.0	.	523.3
Thailand	205	204	23.9	35.5	40.0	0.6	0.0	0.0	0.1	432.5	439.3	424.3	388.4	.	.	538.3
Turkey	220	220	46.6	24.8	28.2	0.4	0.0	0.0	0.0	452.3	462.4	463.4	363.9	.	.	.
United Arab Emirates	746	649	63.1	20.9	16.0	0.0	9.4	0.0	1.6	463.9	471.1	467.8	.	447.4	.	498.4
United States	429	368	32.7	33.2	33.8	0.4	13.6	0.0	0.6	513.3	515.0	525.7	600.2	516.7	.	544.3
International Avg. (39)	12055	11228	35.8	29.7	34.0	0.5	3.8	0.0	0.7	479.8	481.2	483.3	514.9	490.5	.	473.1
Buenos Aires, Argentina	138	59	56.2	24.2	19.6	0.0	57.3	0.0	0.7	376.5	394.3	425.1	.	400.5	.	381.1
Ontario, Canada	217	181	51.3	30.9	17.9	0.0	13.5	0.0	1.4	523.2	522.1	528.8	.	510.3	.	542.3
Quebec, Canada	175	159	26.5	27.7	43.7	2.1	8.0	0.0	0.0	549.6	548.2	548.4	578.3	475.4	.	.
Norway (8)	239	209	22.9	44.7	32.4	0.0	9.3	0.0	0.6	487.6	487.6	486.7	.	481.9	.	480.8
Abu Dhabi, UAE	207	171	51.0	27.6	21.5	0.0	13.4	0.0	0.9	436.9	448.7	443.4	.	439.9	.	477.9
Dubai, UAE	267	243	67.5	19.2	13.3	0.0	5.0	0.0	1.4	506.6	521.3	535.5	.	465.6	.	582.0
Florida, US	110	78	41.6	21.2	36.3	0.9	25.8	0.0	0.0	497.9	505.8	501.8	609.7	468.9	.	.

Question: How often do you do the following in teaching this class? Ask students to explain their answers
Location: TQG-14b (BTBG14B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	751	58.3	27.5	14.2	0.0	10.6	0.0	1.6	509.3	508.3	509.8	.	473.9	.	483.9
Bahrain	201	198	77.2	16.3	6.5	0.0	1.1	0.0	0.1	456.0	441.8	458.8	.	450.8	.	600.9
Botswana	169	155	59.5	31.3	9.2	0.0	5.5	0.0	0.1	395.2	385.7	384.5	.	383.2	.	459.6
Canada	409	358	72.0	22.7	5.3	0.0	10.7	0.0	0.7	530.6	523.4	553.3	.	501.9	.	548.7
Chile	173	153	51.3	32.9	15.9	0.0	9.4	0.0	1.1	439.3	415.3	426.2	.	406.3	.	450.3
Chinese Taipei	216	216	26.1	29.3	44.2	0.4	0.0	0.0	0.0	612.9	597.0	592.6	566.0	.	.	.
Egypt	215	211	54.2	23.5	22.4	0.0	0.8	0.0	1.1	397.2	389.8	381.2	.	431.7	.	396.3
England	215	182	84.6	13.7	1.7	0.0	13.9	0.0	0.0	525.0	475.6	463.9	.	524.9	.	.
Georgia	188	188	83.8	12.1	4.0	0.0	0.0	0.0	0.0	453.7	457.7	429.1	.	.	.	.
Hong Kong SAR	175	172	22.0	40.4	37.6	0.0	1.8	0.0	0.2	609.0	598.7	580.0	.	615.8	.	550.5
Hungary	278	267	60.0	29.8	10.2	0.0	3.4	0.0	0.7	517.9	512.2	497.8	.	518.2	.	525.3
Iran, Islamic Rep. of	251	251	58.0	29.8	12.2	0.0	0.0	0.0	0.0	443.9	426.0	425.7	.	.	.	.
Ireland	526	483	60.4	26.1	13.6	0.0	7.1	0.0	0.2	524.9	523.1	513.1	.	535.6	.	418.8
Israel	603	531	72.1	20.5	7.1	0.3	6.9	0.0	2.3	523.6	494.6	439.8	448.7	513.3	.	479.4
Italy	230	216	72.5	17.3	10.0	0.2	4.6	0.0	0.0	497.3	483.9	486.2	347.6	512.6	.	.
Japan	231	230	20.9	41.5	36.3	1.3	0.3	0.0	0.0	601.5	583.8	581.1	583.2	571.1	.	.
Jordan	260	259	68.0	24.5	7.5	0.0	0.0	0.0	0.6	384.7	388.9	383.0	.	.	.	373.9
Kazakhstan	239	238	78.5	17.5	3.3	0.7	0.4	0.0	0.0	524.5	533.9	575.0	535.2	518.8	.	.
Korea, Rep. of	317	317	30.0	33.8	35.8	0.4	0.0	0.0	0.0	605.3	605.7	606.6	565.3	.	.	.
Kuwait	191	187	42.5	21.6	33.2	2.8	1.4	0.0	1.2	402.3	396.8	380.6	372.8	401.3	.	333.3
Lebanon	185	178	74.2	18.4	7.3	0.0	2.8	0.0	1.3	440.4	446.8	446.6	.	460.6	.	433.9
Lithuania	269	257	72.6	19.7	7.7	0.0	4.8	0.0	0.8	517.7	492.9	490.7	.	524.4	.	501.2
Malaysia	326	305	40.7	34.9	24.4	0.0	6.2	0.0	0.0	489.0	449.6	450.9	.	455.7	.	.
Malta	224	208	54.8	28.6	16.6	0.0	6.4	0.0	0.5	492.2	503.0	486.5	.	480.0	.	524.2
Morocco	373	358	79.7	8.2	11.8	0.3	2.3	0.0	1.5	386.3	372.6	381.7	401.8	384.9	.	363.0
New Zealand	489	466	59.7	26.7	13.5	0.0	3.8	0.0	0.7	497.8	487.0	486.1	.	471.8	.	523.9
Norway	239	210	48.4	36.2	15.5	0.0	9.6	0.0	0.3	511.9	514.8	512.0	.	498.8	.	479.7
Oman	356	348	73.9	14.8	11.3	0.0	0.0	0.0	1.4	406.7	394.3	393.6	.	.	.	387.8
Qatar	250	245	68.6	23.9	7.6	0.0	0.5	0.0	0.7	444.3	420.9	418.5	.	547.9	.	405.9
Russian Federation	226	226	86.1	11.3	2.6	0.0	0.0	0.0	0.0	539.2	522.0	567.9	.	.	.	.
Saudi Arabia	149	146	56.2	27.5	16.3	0.0	0.6	0.0	1.1	367.6	365.0	367.6	.	448.5	.	398.0
Singapore	334	330	34.9	38.1	27.0	0.0	1.7	0.0	0.0	622.0	623.5	612.2	.	681.7	.	.
Slovenia	467	433	50.0	41.0	8.7	0.3	5.6	0.0	0.7	520.3	513.3	510.1	493.5	511.8	.	536.7
South Africa	334	326	53.9	29.0	17.1	0.1	1.1	0.0	0.8	373.1	374.1	363.8	411.0	415.4	.	382.1
Sweden	206	200	61.1	31.4	7.5	0.0	1.8	0.0	0.5	504.2	499.3	474.0	.	510.0	.	540.3
Thailand	205	205	20.8	46.1	32.1	1.1	0.0	0.0	0.0	454.9	428.9	421.3	386.1	.	.	.
Turkey	220	220	70.9	18.0	11.1	0.0	0.0	0.0	0.0	459.4	452.8	454.2	.	.	.	.
United Arab Emirates	746	650	64.7	24.2	10.9	0.2	9.4	0.0	0.9	474.1	458.5	436.3	449.0	447.4	.	514.1
United States	429	368	74.5	19.3	5.7	0.6	13.6	0.0	0.6	520.2	516.7	499.7	524.4	516.7	.	544.3
International Avg. (39)	12055	11242	58.9	25.9	15.0	0.2	3.8	0.0	0.6	486.5	476.4	472.9	468.0	490.5	.	467.5
Buenos Aires, Argentina	138	59	80.8	18.6	0.6	0.0	57.3	0.0	0.7	395.7	367.5	372.9	.	400.5	.	381.1
Ontario, Canada	217	182	74.9	22.6	2.5	0.0	13.5	0.0	1.2	525.2	519.3	524.8	.	510.3	.	548.7
Quebec, Canada	175	159	66.1	23.1	10.8	0.0	8.0	0.0	0.0	551.5	534.6	567.2	.	475.4	.	.
Norway (8)	239	208	51.7	36.6	11.7	0.0	9.3	0.0	0.9	487.0	486.4	490.5	.	481.9	.	492.3
Abu Dhabi, UAE	207	171	52.5	31.3	16.2	0.0	13.4	0.0	0.6	442.1	451.4	420.1	.	439.9	.	512.6
Dubai, UAE	267	243	71.1	24.1	4.8	0.0	5.0	0.0	1.4	524.9	488.6	464.5	.	465.6	.	582.0
Florida, US	110	78	70.0	25.7	4.3	0.0	25.8	0.0	0.0	506.3	498.9	449.6	.	468.9	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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-14c (BTBG14C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	752	23.6	41.4	34.6	0.5	10.6	0.0	1.6	529.5	511.6	493.5	422.5	473.9	.	484.1
Bahrain	201	198	40.3	35.6	23.5	0.6	1.1	0.0	0.1	455.1	456.7	446.6	482.7	450.8	.	600.9
Botswana	169	156	28.8	31.7	38.1	1.4	5.5	0.0	0.0	393.0	391.7	390.9	355.0	383.2	.	.
Canada	409	357	25.5	37.8	35.2	1.5	10.7	0.0	0.7	529.0	527.8	533.1	542.7	501.9	.	548.7
Chile	173	153	30.5	38.3	27.8	3.4	9.4	0.0	1.1	430.8	427.4	431.6	419.3	406.3	.	450.3
Chinese Taipei	216	216	2.5	13.0	74.0	10.5	0.0	0.0	0.0	698.3	597.9	596.7	593.9	.	.	.
Egypt	215	212	11.4	14.2	59.9	14.5	0.8	0.0	0.7	395.9	382.9	392.2	396.9	431.7	.	382.4
England	215	182	43.1	27.4	28.1	1.3	13.9	0.0	0.0	538.9	513.4	490.1	464.2	524.9	.	.
Georgia	188	185	10.1	13.0	68.1	8.8	0.0	0.0	1.6	437.1	460.1	456.2	443.8	.	.	423.6
Hong Kong SAR	175	172	5.4	24.3	65.7	4.6	1.8	0.0	0.2	607.5	612.8	589.4	543.6	615.8	.	550.5
Hungary	278	268	13.3	39.4	46.7	0.6	3.4	0.0	0.4	533.3	505.8	516.4	489.2	518.2	.	518.0
Iran, Islamic Rep. of	251	250	17.3	27.9	50.4	4.3	0.0	0.0	0.6	479.1	434.7	425.5	409.2	.	.	392.4
Ireland	526	482	17.7	43.4	35.4	3.5	7.1	0.0	0.4	538.6	528.5	509.3	502.9	535.6	.	519.6
Israel	603	531	26.3	32.6	38.5	2.6	6.9	0.0	2.3	541.1	508.8	498.7	443.6	513.3	.	473.0
Italy	230	216	16.8	37.4	42.8	3.1	4.6	0.0	0.0	498.6	492.8	493.5	475.0	512.6	.	.
Japan	231	229	1.5	12.3	65.3	21.0	0.3	0.0	0.2	647.8	608.1	587.2	567.9	571.1	.	553.0
Jordan	260	259	20.6	30.4	43.1	5.9	0.0	0.0	0.6	389.2	395.4	377.7	380.4	.	.	373.9
Kazakhstan	239	238	29.7	29.5	39.2	1.6	0.4	0.0	0.0	536.8	523.4	523.9	541.1	518.8	.	.
Korea, Rep. of	317	317	12.5	38.8	44.6	4.0	0.0	0.0	0.0	620.6	607.4	601.3	592.3	.	.	.
Kuwait	191	188	12.5	17.6	38.6	31.3	1.4	0.0	0.6	439.4	410.2	386.5	371.3	401.3	.	365.9
Lebanon	185	178	36.0	30.0	32.8	1.2	2.8	0.0	1.3	439.4	448.6	440.2	403.3	460.6	.	433.9
Lithuania	269	257	7.9	15.2	66.9	10.1	4.8	0.0	0.8	533.0	524.2	506.9	498.7	524.4	.	501.2
Malaysia	326	305	14.3	42.0	40.2	3.4	6.2	0.0	0.0	487.1	476.8	450.3	427.7	455.7	.	.
Malta	224	208	19.5	30.5	47.1	2.9	6.4	0.0	0.5	509.0	502.0	488.2	413.5	480.0	.	524.2
Morocco	373	358	12.8	11.4	60.3	15.4	2.3	0.0	1.5	395.1	390.0	382.5	380.7	384.9	.	363.0
New Zealand	489	465	21.7	41.2	36.4	0.6	3.8	0.0	1.1	507.9	501.4	476.7	425.0	471.8	.	511.3
Norway	239	210	10.7	31.7	53.0	4.7	9.6	0.0	0.3	518.4	513.0	511.7	515.1	498.8	.	479.7
Oman	356	347	17.9	27.3	50.6	4.2	0.0	0.0	2.3	420.8	405.1	395.4	416.2	.	.	389.9
Qatar	250	245	31.6	27.2	35.4	5.8	0.5	0.0	0.7	468.9	437.2	412.8	405.2	547.9	.	405.9
Russian Federation	226	226	7.2	25.9	65.7	1.2	0.0	0.0	0.0	573.3	538.6	534.7	493.4	.	.	.
Saudi Arabia	149	146	9.4	27.2	48.1	15.3	0.6	0.0	1.1	397.5	365.1	363.6	361.8	448.5	.	398.0
Singapore	334	330	14.9	31.7	51.3	2.1	1.7	0.0	0.0	634.6	631.5	610.6	567.6	681.7	.	.
Slovenia	467	433	10.5	33.6	51.5	4.3	5.6	0.0	0.7	532.3	526.0	509.3	489.3	511.8	.	536.7
South Africa	334	324	31.3	31.4	36.5	0.9	1.1	0.0	1.3	375.2	367.7	370.8	421.1	415.4	.	390.6
Sweden	206	200	13.0	28.9	56.3	1.8	1.8	0.0	0.5	494.1	503.8	501.3	460.1	510.0	.	540.3
Thailand	205	205	7.0	22.6	57.3	13.1	0.0	0.0	0.0	497.1	430.0	432.3	395.0	.	.	.
Turkey	220	220	14.3	22.1	50.9	12.7	0.0	0.0	0.0	490.0	456.1	458.3	421.0	.	.	.
United Arab Emirates	746	650	39.8	33.8	25.7	0.7	9.4	0.0	0.8	484.2	466.9	437.2	466.9	447.4	.	510.1
United States	429	368	34.1	35.4	30.1	0.5	13.6	0.0	0.6	525.1	517.3	513.0	458.3	516.7	.	544.3
International Avg. (39)	12055	11236	19.1	29.1	46.0	5.8	3.8	0.0	0.6	500.6	484.6	475.3	457.9	490.5	.	470.2
Buenos Aires, Argentina	138	59	33.9	28.2	36.4	1.6	57.3	0.0	0.7	389.8	403.8	384.2	304.4	400.5	.	381.1
Ontario, Canada	217	182	34.2	49.8	15.9	0.0	13.5	0.0	1.2	527.2	522.2	521.8	.	510.3	.	548.7
Quebec, Canada	175	158	10.0	22.1	64.2	3.7	8.1	0.0	0.0	558.4	554.4	546.3	547.2	475.5	.	.
Norway (8)	239	209	15.5	31.6	51.2	1.7	9.3	0.0	0.6	484.8	489.2	486.8	490.0	481.9	.	480.8
Abu Dhabi, UAE	207	171	40.9	29.0	29.6	0.5	13.4	0.0	0.6	461.9	428.9	424.7	513.1	439.9	.	496.3
Dubai, UAE	267	243	48.2	35.0	16.8	0.0	5.0	0.0	1.4	527.2	510.0	480.3	.	465.6	.	582.0
Florida, US	110	78	29.8	43.8	26.4	0.0	25.8	0.0	0.0	516.4	509.6	473.3	.	468.9	.	.

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students
Location: TQG-14d (BTBG14D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	41.5	28.7	27.7	2.1	10.6	0.0	1.9	523.9	501.2	495.8	495.6	473.9	.	492.6
Bahrain	201	198	68.7	22.9	7.5	0.9	1.1	0.0	0.1	452.7	453.8	463.3	464.7	450.8	.	600.9
Botswana	169	156	57.9	25.9	15.4	0.7	5.5	0.0	0.0	394.6	388.2	385.3	365.1	383.2	.	.
Canada	409	357	50.7	20.4	24.0	4.9	10.7	0.0	1.4	525.2	522.3	542.8	553.8	501.9	.	534.3
Chile	173	152	20.4	33.9	41.0	4.7	9.4	0.0	1.8	430.9	437.9	425.1	391.4	406.3	.	455.9
Chinese Taipei	216	215	20.2	27.9	50.1	1.8	0.0	0.0	0.2	605.3	601.4	595.9	578.2	.	.	637.2
Egypt	215	211	57.7	19.8	21.9	0.6	0.8	0.0	1.1	393.2	395.8	386.1	338.7	431.7	.	400.1
England	215	182	44.9	29.7	23.1	2.3	13.9	0.0	0.0	531.1	514.8	501.3	437.3	524.9	.	.
Georgia	188	188	15.6	25.4	58.5	0.5	0.0	0.0	0.0	450.6	455.7	453.4	382.5	.	.	.
Hong Kong SAR	175	172	13.8	32.9	47.4	5.9	1.8	0.0	0.2	608.4	587.9	595.7	579.8	615.8	.	550.5
Hungary	278	268	16.2	26.5	54.3	3.0	3.4	0.0	0.4	520.4	511.2	512.1	548.4	518.2	.	518.0
Iran, Islamic Rep. of	251	251	58.1	28.5	12.4	0.9	0.0	0.0	0.0	442.8	424.7	432.4	444.6	.	.	.
Ireland	526	482	26.4	29.3	39.4	4.9	7.1	0.0	0.3	528.0	524.3	521.0	502.0	535.6	.	442.1
Israel	603	531	42.3	33.6	22.9	1.2	6.9	0.0	2.6	536.0	501.3	479.9	536.4	513.3	.	482.6
Italy	230	215	46.4	24.9	28.3	0.5	4.6	0.0	0.6	495.6	497.0	488.0	448.2	512.6	.	487.4
Japan	231	230	6.8	19.4	59.1	14.8	0.3	0.0	0.0	590.9	583.1	589.2	578.2	571.1	.	.
Jordan	260	259	52.7	30.3	16.7	0.3	0.0	0.0	0.6	391.4	375.0	387.2	361.2	.	.	373.9
Kazakhstan	239	237	48.5	22.0	28.7	0.8	0.4	0.0	0.3	533.2	535.6	512.2	539.1	518.8	.	565.3
Korea, Rep. of	317	317	11.9	22.6	57.9	7.5	0.0	0.0	0.0	610.3	605.6	605.6	600.1	.	.	.
Kuwait	191	188	63.0	18.1	17.2	1.6	1.4	0.0	0.6	400.2	386.6	371.0	387.4	401.3	.	365.9
Lebanon	185	178	56.4	26.2	16.7	0.7	2.8	0.0	1.3	446.3	443.1	427.0	413.9	460.6	.	433.9
Lithuania	269	256	32.7	31.6	34.9	0.9	4.8	0.0	0.8	523.4	506.6	502.8	506.4	524.4	.	499.0
Malaysia	326	305	35.2	39.5	25.3	0.0	6.2	0.0	0.0	480.2	469.4	440.9	.	455.7	.	.
Malta	224	208	34.0	24.2	39.9	1.9	6.4	0.0	0.5	499.0	485.3	494.7	517.7	480.0	.	524.2
Morocco	373	357	44.2	13.6	40.8	1.4	2.3	0.0	1.9	389.8	382.2	381.3	362.8	384.9	.	357.9
New Zealand	489	465	37.7	35.8	25.7	0.8	3.8	0.0	0.8	502.7	488.1	487.1	483.9	471.8	.	521.8
Norway	239	210	20.1	42.9	36.2	0.8	9.6	0.0	0.3	521.6	509.2	512.5	519.0	498.8	.	479.7
Oman	356	349	54.7	27.5	17.6	0.2	0.0	0.0	1.3	407.2	401.3	394.9	379.3	.	.	387.2
Qatar	250	245	59.0	25.9	14.3	0.8	0.5	0.0	0.7	435.0	437.7	435.8	549.1	547.9	.	405.9
Russian Federation	226	226	29.0	20.8	48.8	1.4	0.0	0.0	0.0	553.2	542.4	527.0	541.0	.	.	.
Saudi Arabia	149	145	59.2	26.8	13.9	0.0	0.6	0.0	2.0	369.9	360.5	369.9	.	448.5	.	360.2
Singapore	334	330	21.0	36.6	41.0	1.4	1.7	0.0	0.0	621.5	625.1	614.7	614.0	681.7	.	.
Slovenia	467	433	24.7	39.9	35.1	0.2	5.6	0.0	0.7	524.3	517.6	509.5	547.4	511.8	.	536.7
South Africa	334	327	47.8	25.9	25.5	0.8	1.1	0.0	0.7	362.9	364.4	394.5	415.5	415.4	.	386.3
Sweden	206	200	42.7	26.9	29.8	0.7	1.8	0.0	0.5	503.0	505.9	492.7	446.8	510.0	.	540.3
Thailand	205	204	13.9	44.6	39.1	2.5	0.0	0.0	0.0	447.9	433.0	425.3	404.2	.	.	651.8
Turkey	220	220	15.9	26.3	52.5	5.2	0.0	0.0	0.0	474.4	448.5	461.2	416.4	.	.	.
United Arab Emirates	746	651	66.5	24.3	8.8	0.3	9.4	0.0	0.7	472.0	459.5	442.0	403.7	447.4	.	527.4
United States	429	368	57.0	26.8	15.2	1.0	13.6	0.0	0.6	518.9	522.3	508.5	534.7	516.7	.	544.3
International Avg. (39)	12055	11236	38.9	27.9	31.1	2.1	3.8	0.0	0.6	487.6	479.6	476.0	475.4	490.5	.	484.9
Buenos Aires, Argentina	138	59	51.6	29.8	18.6	0.0	57.3	0.0	0.7	386.3	394.1	395.7	.	400.5	.	381.1
Ontario, Canada	217	181	71.2	17.4	11.4	0.0	13.5	0.0	2.2	526.0	514.4	525.1	.	510.3	.	534.3
Quebec, Canada	175	159	11.5	24.1	49.6	14.8	8.0	0.0	0.0	554.5	536.6	552.9	553.8	475.4	.	.
Norway (8)	239	208	24.2	40.2	35.7	0.0	9.3	0.0	1.5	492.6	485.7	485.8	.	481.9	.	479.1
Abu Dhabi, UAE	207	172	63.2	27.5	9.2	0.0	13.4	0.0	0.3	439.7	446.3	438.5	437.1	439.9	.	600.6
Dubai, UAE	267	243	75.9	20.3	3.8	0.0	5.0	0.0	1.4	518.8	501.8	463.7	.	465.6	.	582.0
Florida, US	110	78	52.5	30.6	16.0	0.8	25.8	0.0	0.0	509.2	504.7	474.9	467.9	468.9	.	.

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge
Location: TQG-14e (BTBG14E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	64.8	28.8	6.4	0.0	10.6	0.0	1.6	509.5	508.1	509.7	382.6	473.9	.	483.6
Bahrain	201	198	84.4	10.9	4.6	0.0	1.1	0.0	0.1	455.2	440.3	461.0	.	450.8	.	600.9
Botswana	169	155	76.2	15.9	7.2	0.7	5.5	0.0	0.1	393.2	390.8	374.3	365.1	383.2	.	491.5
Canada	409	358	72.8	23.5	3.8	0.0	10.7	0.0	0.7	527.2	537.2	543.4	.	501.9	.	548.7
Chile	173	153	64.7	24.2	11.1	0.0	9.4	0.0	1.1	431.8	429.3	415.3	.	406.3	.	450.3
Chinese Taipei	216	216	40.8	40.2	19.0	0.0	0.0	0.0	0.0	607.2	597.1	586.0	.	.	.	.
Egypt	215	212	74.0	18.0	7.4	0.6	0.8	0.0	0.7	395.9	376.2	395.1	338.7	431.7	.	382.4
England	215	181	79.0	17.0	3.9	0.0	13.9	0.0	0.8	517.3	521.4	477.8	.	524.9	.	604.9
Georgia	188	188	95.6	1.5	2.9	0.0	0.0	0.0	0.0	453.1	438.0	464.1	.	.	.	.
Hong Kong SAR	175	172	34.9	44.6	19.9	0.6	1.8	0.0	0.2	598.5	590.5	597.7	455.3	615.8	.	550.5
Hungary	278	268	83.9	14.0	2.2	0.0	3.4	0.0	0.4	512.8	521.6	522.8	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	67.1	23.9	8.9	0.0	0.0	0.0	0.0	444.3	420.2	419.6	.	.	.	.
Ireland	526	483	69.8	24.5	5.8	0.0	7.1	0.0	0.2	521.9	527.2	514.6	.	535.6	.	418.8
Israel	603	530	74.0	21.4	4.6	0.0	6.9	0.0	2.4	520.2	493.9	450.8	.	513.3	.	487.5
Italy	230	216	78.1	14.6	7.3	0.0	4.6	0.0	0.0	495.6	482.5	493.7	.	512.6	.	.
Japan	231	230	30.7	44.8	24.1	0.4	0.3	0.0	0.0	585.0	585.0	590.6	619.4	571.1	.	.
Jordan	260	258	82.1	15.1	2.7	0.1	0.0	0.0	1.3	385.9	385.6	370.7	359.7	.	.	396.6
Kazakhstan	239	238	87.7	8.0	4.3	0.0	0.4	0.0	0.0	527.0	549.2	506.3	.	518.8	.	.
Korea, Rep. of	317	317	32.3	30.6	33.1	4.1	0.0	0.0	0.0	605.0	602.1	607.9	621.7	.	.	.
Kuwait	191	188	70.3	16.9	12.8	0.0	1.4	0.0	0.6	400.5	384.6	358.9	.	401.3	.	365.9
Lebanon	185	173	56.5	29.4	12.9	1.2	2.8	0.0	3.2	440.4	446.6	430.6	515.2	460.6	.	442.8
Lithuania	269	257	92.4	5.8	1.8	0.0	4.8	0.0	0.8	513.1	471.5	514.5	.	524.4	.	501.2
Malaysia	326	304	44.1	34.7	21.2	0.0	6.2	0.0	0.3	467.4	466.8	463.9	.	455.7	.	320.5
Malta	224	208	69.3	27.2	3.5	0.0	6.4	0.0	0.5	499.9	480.1	494.5	.	480.0	.	524.2
Morocco	373	357	84.1	11.4	4.2	0.3	2.3	0.0	1.7	384.2	394.6	369.8	318.7	384.9	.	372.4
New Zealand	489	463	61.2	30.5	8.3	0.0	3.8	0.0	1.4	501.9	483.3	468.3	.	471.8	.	502.6
Norway	239	210	48.2	40.7	11.2	0.0	9.6	0.0	0.3	513.2	508.9	526.7	.	498.8	.	479.7
Oman	356	349	83.4	11.4	4.4	0.9	0.0	0.0	1.3	403.5	401.2	408.5	390.5	.	.	387.2
Qatar	250	244	80.3	13.9	5.8	0.0	0.5	0.0	0.9	439.6	435.3	402.7	.	547.9	.	398.8
Russian Federation	226	224	88.6	10.1	1.3	0.0	0.0	0.0	0.9	538.7	539.0	506.8	.	.	.	505.2
Saudi Arabia	149	145	77.8	17.1	5.2	0.0	0.6	0.0	2.0	365.7	372.9	363.1	.	448.5	.	389.3
Singapore	334	329	59.5	32.7	7.6	0.2	1.7	0.0	0.4	623.9	609.5	631.2	546.2	681.7	.	684.0
Slovenia	467	432	81.7	16.9	1.3	0.0	5.6	0.0	0.9	517.4	512.8	501.5	.	511.8	.	538.1
South Africa	334	326	70.2	23.6	6.2	0.0	1.1	0.0	0.9	377.3	358.0	362.8	.	415.4	.	372.2
Sweden	206	198	46.5	43.0	10.6	0.0	1.8	0.0	1.5	505.3	497.1	490.7	.	510.0	.	521.9
Thailand	205	205	50.1	36.9	12.2	0.8	0.0	0.0	0.0	439.9	422.7	422.4	436.4	.	.	.
Turkey	220	220	75.9	20.1	4.0	0.0	0.0	0.0	0.0	460.6	446.9	455.9	.	.	.	.
United Arab Emirates	746	646	80.6	15.4	3.9	0.0	9.4	0.0	1.2	471.3	448.9	432.6	.	447.4	.	486.1
United States	429	368	78.2	14.3	7.5	0.0	13.6	0.0	0.6	521.0	514.9	497.8	.	516.7	.	544.3
International Avg. (39)	12055	11220	69.0	22.4	8.3	0.3	3.8	0.0	0.7	483.9	476.7	471.9	445.8	490.5	.	475.7
Buenos Aires, Argentina	138	59	85.7	14.3	0.0	0.0	57.3	0.0	0.7	387.4	408.3	.	.	400.5	.	381.1
Ontario, Canada	217	182	77.4	20.9	1.7	0.0	13.5	0.0	1.2	523.1	531.4	460.7	.	510.3	.	548.7
Quebec, Canada	175	159	64.1	27.4	8.5	0.0	8.0	0.0	0.0	545.4	551.3	572.0	.	475.4	.	.
Norway (8)	239	209	53.2	38.7	8.1	0.0	9.3	0.0	0.6	490.3	484.8	479.7	.	481.9	.	480.8
Abu Dhabi, UAE	207	172	78.1	17.3	4.6	0.0	13.4	0.0	0.3	447.9	414.7	432.3	.	439.9	.	600.6
Dubai, UAE	267	243	85.3	12.6	2.1	0.0	5.0	0.0	1.4	518.2	490.4	450.5	.	465.6	.	582.0
Florida, US	110	78	76.4	21.1	2.5	0.0	25.8	0.0	0.0	505.3	490.4	499.6	.	468.9	.	.

Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures
Location: TQG-14f (BTBG14F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	19.4	37.3	40.7	2.5	10.6	0.0	1.9	511.3	507.9	510.2	490.0	473.9	.	492.6
Bahrain	201	198	45.1	38.8	14.4	1.7	1.1	0.0	0.1	457.1	450.0	453.3	460.6	450.8	.	600.9
Botswana	169	155	25.1	26.1	46.0	2.8	5.5	0.0	0.1	396.5	391.5	388.2	390.3	383.2	.	491.5
Canada	409	358	37.6	37.8	21.5	3.1	10.7	0.0	0.7	528.1	529.5	531.3	555.3	501.9	.	548.7
Chile	173	153	51.1	36.3	12.6	0.0	9.4	0.0	1.1	433.0	428.3	417.6	.	406.3	.	450.3
Chinese Taipei	216	216	16.8	40.2	40.5	2.5	0.0	0.0	0.0	615.4	598.6	592.0	611.8	.	.	.
Egypt	215	212	24.2	26.4	47.7	1.7	0.8	0.0	0.7	396.5	399.0	386.3	376.8	431.7	.	382.4
England	215	181	21.2	34.5	42.1	2.2	13.9	0.0	0.9	528.6	532.7	495.7	535.2	524.9	.	605.2
Georgia	188	187	74.5	17.1	8.4	0.0	0.0	0.0	0.3	457.6	436.3	449.9	.	.	.	415.8
Hong Kong SAR	175	172	12.8	42.2	42.2	2.7	1.8	0.0	0.2	618.0	589.7	593.8	549.2	615.8	.	550.5
Hungary	278	268	46.5	27.2	26.3	0.0	3.4	0.0	0.4	518.0	512.1	510.0	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	43.6	43.5	13.0	0.0	0.0	0.0	0.0	450.6	426.8	420.2	.	.	.	.
Ireland	526	482	15.7	35.8	41.6	6.9	7.1	0.0	0.4	520.4	535.8	516.1	500.7	535.6	.	478.0
Israel	603	530	44.8	30.3	22.6	2.4	6.9	0.0	2.4	528.1	496.1	504.1	468.0	513.3	.	479.4
Italy	230	216	49.8	29.5	19.9	0.7	4.6	0.0	0.0	500.9	485.7	486.2	501.8	512.6	.	.
Japan	231	230	12.4	32.8	49.5	5.2	0.3	0.0	0.0	604.5	588.7	582.1	571.5	571.1	.	.
Jordan	260	258	62.9	30.0	7.0	0.1	0.0	0.0	0.9	386.6	383.4	391.1	359.7	.	.	344.1
Kazakhstan	239	237	73.1	18.8	7.6	0.5	0.4	0.0	0.3	522.0	546.4	536.1	625.2	518.8	.	432.6
Korea, Rep. of	317	317	25.0	43.3	29.9	1.7	0.0	0.0	0.0	615.3	606.5	597.0	601.1	.	.	.
Kuwait	191	187	34.5	32.0	29.9	3.6	1.4	0.0	1.2	426.5	380.5	371.7	362.8	401.3	.	333.3
Lebanon	185	176	50.4	24.3	23.1	2.2	2.8	0.0	2.2	442.5	440.0	439.3	484.0	460.6	.	436.4
Lithuania	269	257	35.7	38.4	25.9	0.1	4.8	0.0	0.8	520.9	510.3	497.4	440.8	524.4	.	501.2
Malaysia	326	305	6.7	70.0	22.2	1.0	6.2	0.0	0.0	481.2	464.1	467.2	461.5	455.7	.	.
Malta	224	208	36.1	35.7	26.6	1.5	6.4	0.0	0.5	503.1	504.0	469.2	495.2	480.0	.	524.2
Morocco	373	356	36.5	23.2	37.8	2.5	2.3	0.0	2.3	387.7	379.6	385.2	372.1	384.9	.	378.9
New Zealand	489	463	19.0	35.6	42.8	2.6	3.8	0.0	1.3	517.8	493.8	481.8	493.0	471.8	.	518.8
Norway	239	209	16.4	33.7	47.5	2.4	9.6	0.0	0.7	510.4	512.4	513.2	539.2	498.8	.	486.7
Oman	356	349	66.3	24.7	8.9	0.1	0.0	0.0	1.3	406.8	394.7	399.8	576.4	.	.	387.2
Qatar	250	245	38.1	42.8	18.6	0.6	0.5	0.0	0.7	450.7	417.4	448.3	574.8	547.9	.	405.9
Russian Federation	226	226	47.0	32.3	20.3	0.3	0.0	0.0	0.0	548.2	535.7	518.9	482.4	.	.	.
Saudi Arabia	149	145	29.9	32.9	36.0	1.3	0.6	0.0	2.0	368.2	371.5	361.2	372.0	448.5	.	389.3
Singapore	334	330	12.8	29.1	50.8	7.3	1.7	0.0	0.0	624.1	627.0	618.5	594.0	681.7	.	.
Slovenia	467	433	26.5	44.6	28.9	0.0	5.6	0.0	0.7	520.1	516.6	512.9	.	511.8	.	536.7
South Africa	334	324	35.4	32.2	31.9	0.5	1.1	0.0	1.8	369.4	374.4	372.1	376.5	415.4	.	371.8
Sweden	206	200	28.1	39.5	31.2	1.2	1.8	0.0	0.5	495.8	504.9	498.7	500.6	510.0	.	540.3
Thailand	205	205	26.9	44.7	26.0	2.4	0.0	0.0	0.0	459.7	424.6	417.8	389.8	.	.	.
Turkey	220	220	52.7	30.2	17.1	0.0	0.0	0.0	0.0	461.9	457.9	443.8	.	.	.	.
United Arab Emirates	746	648	41.8	33.6	24.3	0.3	9.4	0.0	0.9	483.9	449.9	457.7	508.0	447.4	.	509.3
United States	429	367	36.0	42.4	20.3	1.3	13.6	0.0	1.0	522.7	517.9	512.3	532.5	516.7	.	503.8
International Avg. (39)	12055	11224	35.3	34.6	28.3	1.7	3.8	0.0	0.7	489.5	480.1	475.6	489.5	490.5	.	469.4
Buenos Aires, Argentina	138	59	73.6	19.0	7.4	0.0	57.3	0.0	0.7	393.4	395.8	345.9	.	400.5	.	381.1
Ontario, Canada	217	182	45.2	38.4	14.8	1.7	13.5	0.0	1.2	524.9	523.8	518.1	545.7	510.3	.	548.7
Quebec, Canada	175	159	23.9	37.6	32.7	5.7	8.0	0.0	0.0	548.4	546.2	550.8	565.2	475.4	.	.
Norway (8)	239	209	17.9	41.4	39.7	0.9	9.3	0.0	0.6	485.7	484.2	491.1	490.8	481.9	.	480.8
Abu Dhabi, UAE	207	172	37.4	38.6	24.0	0.0	13.4	0.0	0.3	469.5	420.8	430.7	437.1	439.9	.	600.6
Dubai, UAE	267	243	47.9	32.8	18.8	0.6	5.0	0.0	1.4	515.4	505.1	522.0	513.3	465.6	.	582.0
Florida, US	110	78	32.1	40.7	25.7	1.6	25.8	0.0	0.0	508.4	508.1	483.9	509.6	468.9	.	.

Question: How often do you do the following in teaching this class? Encourage students to express their ideas in class
Location: TQG-14g (BTBG14G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	51.5	34.3	12.4	1.8	10.6	0.0	1.9	516.1	501.0	503.0	498.4	473.9	.	492.6
Bahrain	201	198	71.8	20.6	7.4	0.2	1.1	0.0	0.1	453.5	442.5	490.2	411.6	450.8	.	600.9
Botswana	169	155	65.9	23.0	10.1	0.9	5.5	0.0	0.1	393.8	385.5	388.8	377.9	383.2	.	491.5
Canada	409	358	76.1	14.3	9.5	0.0	10.7	0.0	0.7	526.9	534.8	550.0	434.0	501.9	.	548.7
Chile	173	153	68.2	23.4	8.4	0.0	9.4	0.0	1.1	429.7	436.3	407.0	.	406.3	.	450.3
Chinese Taipei	216	216	36.5	39.9	23.6	0.0	0.0	0.0	0.0	603.3	602.5	586.8	.	.	.	.
Egypt	215	211	61.4	19.7	18.1	0.8	0.8	0.0	1.0	395.6	394.6	378.7	370.7	431.7	.	367.9
England	215	181	68.4	18.1	13.2	0.4	13.9	0.0	0.9	525.0	497.6	498.3	461.7	524.9	.	605.2
Georgia	188	187	78.2	11.7	10.1	0.0	0.0	0.0	0.7	452.7	475.7	432.0	.	.	.	438.9
Hong Kong SAR	175	172	30.2	36.5	32.5	0.8	1.8	0.0	0.2	612.3	589.1	584.0	527.4	615.8	.	550.5
Hungary	278	268	51.0	26.3	22.3	0.4	3.4	0.0	0.4	513.6	517.5	512.2	506.7	518.2	.	518.0
Iran, Islamic Rep. of	251	251	70.7	20.4	9.0	0.0	0.0	0.0	0.0	441.4	428.3	415.1	.	.	.	.
Ireland	526	482	51.4	27.4	19.6	1.5	7.1	0.0	0.3	530.0	518.4	509.2	542.8	535.6	.	417.9
Israel	603	528	69.5	18.5	11.8	0.1	6.9	0.0	2.5	528.5	456.8	498.5	543.0	513.3	.	475.7
Italy	230	216	65.6	22.2	12.2	0.0	4.6	0.0	0.0	494.9	494.5	484.5	.	512.6	.	.
Japan	231	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Jordan	260	258	64.2	25.8	10.0	0.0	0.0	0.0	1.3	384.3	387.5	391.6	.	.	.	363.2
Kazakhstan	239	237	81.3	11.3	7.4	0.0	0.4	0.0	0.3	524.8	548.2	533.6	.	518.8	.	432.6
Korea, Rep. of	317	317	35.1	36.4	27.3	1.2	0.0	0.0	0.0	607.1	602.5	606.7	641.1	.	.	.
Kuwait	191	188	64.4	23.5	12.1	0.0	1.4	0.0	0.6	398.4	386.7	372.1	.	401.3	.	365.9
Lebanon	185	178	76.9	16.9	6.0	0.2	2.8	0.0	1.3	438.5	451.7	460.5	412.0	460.6	.	433.9
Lithuania	269	257	71.1	20.7	8.2	0.0	4.8	0.0	0.8	514.4	503.9	496.6	.	524.4	.	501.2
Malaysia	326	305	15.4	64.6	19.3	0.7	6.2	0.0	0.0	475.7	465.1	461.6	452.6	455.7	.	.
Malta	224	208	63.8	23.8	12.4	0.0	6.4	0.0	0.5	495.3	506.0	466.9	.	480.0	.	524.2
Morocco	373	358	75.4	12.1	11.8	0.8	2.3	0.0	1.5	386.6	384.7	375.5	340.0	384.9	.	363.0
New Zealand	489	462	55.5	29.4	15.1	0.0	3.8	0.0	1.3	498.2	484.8	492.2	.	471.8	.	506.0
Norway	239	210	25.3	38.5	35.7	0.4	9.6	0.0	0.3	513.6	509.8	516.0	506.5	498.8	.	479.7
Oman	356	348	67.9	23.4	8.6	0.1	0.0	0.0	1.7	406.9	391.0	406.5	333.2	.	.	406.8
Qatar	250	245	70.7	23.0	6.3	0.0	0.5	0.0	0.7	438.2	440.0	408.3	.	547.9	.	405.9
Russian Federation	226	226	67.1	20.9	11.6	0.4	0.0	0.0	0.0	544.0	524.7	529.8	469.8	.	.	.
Saudi Arabia	149	144	57.9	26.3	15.2	0.5	0.6	0.0	2.6	368.6	352.7	383.3	418.1	448.5	.	380.1
Singapore	334	330	33.2	35.4	30.4	1.0	1.7	0.0	0.0	627.0	624.7	606.0	640.2	681.7	.	.
Slovenia	467	433	51.3	35.7	13.0	0.0	5.6	0.0	0.7	520.7	509.0	520.1	.	511.8	.	536.7
South Africa	334	326	56.3	29.0	14.7	0.0	1.1	0.0	0.9	367.4	371.6	389.7	.	415.4	.	372.2
Sweden	206	199	47.7	37.1	14.4	0.8	1.8	0.0	1.1	498.6	501.8	500.3	567.2	510.0	.	499.2
Thailand	205	205	42.5	39.4	16.7	1.4	0.0	0.0	0.0	441.9	424.3	422.9	416.1	.	.	.
Turkey	220	220	71.2	19.9	8.9	0.0	0.0	0.0	0.0	465.9	449.5	410.0	.	.	.	.
United Arab Emirates	746	649	75.8	17.9	6.4	0.0	9.4	0.0	1.0	473.3	447.5	435.8	.	447.4	.	487.8
United States	429	368	68.0	21.0	10.6	0.4	13.6	0.0	0.6	518.9	518.0	516.1	509.6	516.7	.	544.3
International Avg. (38)	12055	10997	59.3	26.0	14.3	0.4	3.9	0.0	0.7	482.3	475.3	472.1	471.8	487.7	.	467.6
Buenos Aires, Argentina	138	59	82.5	15.0	2.5	0.0	57.3	0.0	0.7	392.1	390.8	329.2	.	400.5	.	381.1
Ontario, Canada	217	182	85.1	10.9	4.1	0.0	13.5	0.0	1.2	524.1	523.0	519.6	.	510.3	.	548.7
Quebec, Canada	175	159	58.2	21.2	20.6	0.1	8.0	0.0	0.0	544.2	551.8	561.7	434.0	475.4	.	.
Norway (8)	239	209	34.6	38.5	25.1	1.9	9.3	0.0	0.6	487.7	488.2	485.3	489.8	481.9	.	480.8
Abu Dhabi, UAE	207	172	67.1	23.9	8.9	0.0	13.4	0.0	0.3	449.4	424.1	427.8	.	439.9	.	600.6
Dubai, UAE	267	243	82.2	13.5	4.3	0.0	5.0	0.0	1.4	518.0	495.0	479.4	.	465.6	.	582.0
Florida, US	110	77	57.0	24.8	18.1	0.1	25.8	0.0	0.6	506.0	502.0	491.7	465.8	468.9	.	452.4

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 (BTBG15A)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	748	14.3	55.7	30.0	10.6	0.0	2.9	564.4	516.8	469.6	473.9	.	484.8
Bahrain	201	189	15.1	58.2	26.7	1.1	0.0	6.3	475.8	456.9	438.6	450.8	.	441.3
Botswana	169	151	4.6	54.4	41.0	5.5	0.0	3.9	393.1	396.4	384.6	383.2	.	388.2
Canada	409	352	12.0	63.8	24.2	10.7	0.0	2.4	575.2	529.7	508.6	501.9	.	539.8
Chile	173	147	3.6	53.1	43.3	9.4	0.0	4.5	471.8	442.2	408.9	406.3	.	444.3
Chinese Taipei	216	211	9.9	54.3	35.8	0.0	0.0	1.8	665.9	603.3	574.6	.	.	593.6
Egypt	215	213	4.8	59.9	35.3	0.8	0.0	0.0	392.7	401.3	375.9	431.7	.	.
England	215	182	15.1	67.3	17.6	13.9	0.0	0.0	574.0	517.6	466.8	524.9	.	.
Georgia	188	183	5.9	75.4	18.7	0.0	0.0	1.3	494.1	454.9	436.1	.	.	418.0
Hong Kong SAR	175	161	9.4	68.7	22.0	1.8	0.0	5.4	634.2	605.6	532.7	615.8	.	621.8
Hungary	278	268	15.0	61.4	23.6	3.4	0.0	0.4	585.7	518.7	457.4	518.2	.	518.0
Iran, Islamic Rep. of	251	247	3.8	38.3	57.9	0.0	0.0	2.0	506.3	430.4	436.6	.	.	410.1
Ireland	526	478	9.1	62.3	28.6	7.1	0.0	2.1	563.9	531.8	489.4	535.6	.	520.8
Israel	603	529	17.4	48.7	33.9	6.9	0.0	2.9	578.2	514.2	474.9	513.3	.	471.5
Italy	230	209	9.4	52.2	38.4	4.6	0.0	2.6	523.8	494.8	485.3	512.6	.	482.4
Japan	231	227	32.9	58.9	8.2	0.3	0.0	1.0	611.4	576.2	562.0	571.1	.	576.8
Jordan	260	255	8.3	41.0	50.7	0.0	0.0	1.4	416.4	399.5	370.2	.	.	349.6
Kazakhstan	239	229	18.5	60.2	21.3	0.4	0.0	4.0	547.5	522.5	528.2	518.8	.	515.5
Korea, Rep. of	317	317	27.2	63.8	9.0	0.0	0.0	0.0	612.7	605.7	585.0	.	.	.
Kuwait	191	183	11.1	53.7	35.2	1.4	0.0	4.0	412.1	396.4	381.7	401.3	.	377.8
Lebanon	185	169	9.4	65.5	25.1	2.8	0.0	5.0	452.9	440.8	438.6	460.6	.	451.4
Lithuania	269	256	5.4	60.3	34.3	4.8	0.0	1.3	526.1	520.9	490.3	524.4	.	509.1
Malaysia	326	304	3.6	48.3	48.1	6.2	0.0	0.5	555.4	492.3	433.6	455.7	.	393.0
Malta	224	208	8.3	57.8	33.8	6.4	0.0	0.5	547.6	514.4	446.9	480.0	.	524.2
Morocco	373	352	3.1	34.5	62.4	2.3	0.0	3.6	378.2	395.6	378.8	384.9	.	379.5
New Zealand	489	459	11.1	56.1	32.9	3.8	0.0	1.9	558.0	502.7	455.7	471.8	.	503.2
Norway	239	210	9.5	74.2	16.3	9.6	0.0	0.3	524.4	512.6	508.1	498.8	.	479.7
Oman	356	347	9.3	48.8	41.9	0.0	0.0	1.7	416.0	410.0	393.2	.	.	384.1
Qatar	250	227	13.1	66.2	20.6	0.5	0.0	8.7	495.6	438.5	406.5	547.9	.	406.5
Russian Federation	226	225	6.7	49.5	43.9	0.0	0.0	0.3	539.2	538.7	537.0	.	.	547.8
Saudi Arabia	149	145	6.5	53.2	40.4	0.6	0.0	2.0	395.2	373.7	354.1	448.5	.	371.1
Singapore	334	330	11.6	71.2	17.1	1.7	0.0	0.0	667.5	626.1	561.8	681.7	.	.
Slovenia	467	430	22.1	57.6	20.3	5.6	0.0	1.4	535.9	514.3	502.1	511.8	.	518.4
South Africa	334	294	6.1	49.4	44.5	1.1	0.0	8.9	374.0	376.4	365.9	415.4	.	374.7
Sweden	206	193	16.0	59.1	24.8	1.8	0.0	5.0	529.0	499.6	484.9	510.0	.	498.5
Thailand	205	205	3.0	52.0	45.0	0.0	0.0	0.0	473.3	448.8	408.5	.	.	.
Turkey	220	217	2.3	22.5	75.2	0.0	0.0	1.1	579.0	489.4	444.6	.	.	445.9
United Arab Emirates	746	620	14.6	73.1	12.3	9.4	0.0	5.5	511.3	463.4	445.1	447.4	.	442.7
United States	429	368	5.4	53.7	40.9	13.6	0.0	0.6	571.3	531.9	493.5	516.7	.	547.0
International Avg. (39)	12055	11038	10.6	56.5	32.8	3.8	0.0	2.5	518.7	487.3	459.4	490.5	.	468.6
Buenos Aires, Argentina	138	59	3.4	38.8	57.8	57.3	0.0	0.7	443.1	391.0	386.8	400.5	.	381.1
Ontario, Canada	217	178	7.1	68.5	24.4	13.5	0.0	2.5	559.0	526.3	505.7	510.3	.	542.3
Quebec, Canada	175	158	22.1	56.7	21.2	8.0	0.0	0.2	585.4	546.7	518.2	475.4	.	586.6
Norway (8)	239	210	5.6	70.8	23.6	9.3	0.0	0.4	521.0	488.9	474.4	481.9	.	481.9
Abu Dhabi, UAE	207	160	11.6	74.4	14.0	13.4	0.0	5.7	512.2	438.2	418.9	439.9	.	411.2
Dubai, UAE	267	236	18.8	69.9	11.3	5.0	0.0	2.5	537.2	507.3	513.4	465.6	.	539.7
Florida, US	110	77	4.7	22.8	72.5	25.8	0.0	0.4	558.0	549.9	483.0	468.9	.	541.6

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from lack of basic nutrition
Location: TQG-15b (BTBG15B)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	69.5	28.1	2.4	10.6	0.0	2.9	523.9	475.4	490.9	473.9	.	484.7
Bahrain	201	188	42.2	46.8	11.0	1.1	0.0	6.9	474.8	440.4	441.1	450.8	.	440.5
Botswana	169	150	44.5	44.6	10.8	5.5	0.0	4.8	397.6	391.0	372.8	383.2	.	378.8
Canada	409	353	63.2	34.6	2.1	10.7	0.0	2.1	541.2	511.3	508.1	501.9	.	539.2
Chile	173	147	50.5	34.2	15.3	9.4	0.0	5.2	449.1	413.3	398.5	406.3	.	436.9
Chinese Taipei	216	210	62.7	30.0	7.3	0.0	0.0	2.4	604.4	597.8	558.6	.	.	598.8
Egypt	215	213	15.1	59.5	25.4	0.8	0.0	0.0	409.7	393.7	377.2	431.7	.	.
England	215	182	73.9	25.9	0.2	13.9	0.0	0.0	531.7	477.2	378.0	524.9	.	.
Georgia	188	178	31.1	58.3	10.6	0.0	0.0	4.0	458.9	448.1	464.8	.	.	452.6
Hong Kong SAR	175	161	76.7	20.3	3.1	1.8	0.0	5.4	598.0	571.7	585.9	615.8	.	621.8
Hungary	278	268	77.1	20.8	2.1	3.4	0.0	0.4	526.4	471.1	495.7	518.2	.	518.0
Iran, Islamic Rep. of	251	248	23.4	55.1	21.6	0.0	0.0	1.8	457.0	436.6	415.9	.	.	406.7
Ireland	526	476	79.0	17.2	3.8	7.1	0.0	2.5	532.4	487.2	486.3	535.6	.	511.4
Israel	603	524	65.0	25.3	9.7	6.9	0.0	3.6	535.4	461.6	492.9	513.3	.	463.3
Italy	230	208	77.1	20.2	2.8	4.6	0.0	3.1	495.0	489.7	492.3	512.6	.	484.9
Japan	231	228	98.7	1.3	0.0	0.3	0.0	0.8	586.7	583.8	.	571.1	.	574.0
Jordan	260	256	15.2	45.0	39.8	0.0	0.0	1.4	401.0	387.1	379.3	.	.	346.4
Kazakhstan	239	228	54.4	39.7	5.8	0.4	0.0	4.6	533.0	519.7	529.9	518.8	.	534.6
Korea, Rep. of	317	317	67.8	27.6	4.6	0.0	0.0	0.0	611.8	593.8	589.0	.	.	.
Kuwait	191	182	43.7	45.7	10.6	1.4	0.0	4.5	396.3	392.6	380.8	401.3	.	379.3
Lebanon	185	167	58.4	37.8	3.7	2.8	0.0	5.8	441.2	442.8	433.1	460.6	.	448.0
Lithuania	269	255	80.9	18.5	0.6	4.8	0.0	0.8	514.6	496.1	445.2	524.4	.	496.5
Malaysia	326	304	58.7	40.4	0.9	6.2	0.0	0.5	479.1	447.3	490.9	455.7	.	393.0
Malta	224	208	74.8	22.1	3.1	6.4	0.0	0.5	505.4	463.9	444.6	480.0	.	524.2
Morocco	373	341	22.3	56.8	20.9	2.3	0.0	6.4	394.3	384.9	370.6	384.9	.	389.5
New Zealand	489	457	62.7	34.3	3.0	3.8	0.0	2.6	519.7	450.8	425.5	471.8	.	504.7
Norway	239	210	56.5	41.1	2.4	9.6	0.0	0.3	518.9	505.4	503.7	498.8	.	479.7
Oman	356	347	28.1	48.9	22.9	0.0	0.0	1.7	405.8	405.1	397.1	.	.	384.1
Qatar	250	227	42.9	44.2	12.9	0.5	0.0	8.7	483.2	409.9	395.3	547.9	.	406.5
Russian Federation	226	220	74.8	20.4	4.8	0.0	0.0	2.3	541.1	528.2	537.8	.	.	524.6
Saudi Arabia	149	145	14.7	64.3	20.9	0.6	0.0	2.0	393.8	366.0	352.0	448.5	.	371.1
Singapore	334	330	86.8	11.8	1.3	1.7	0.0	0.0	626.8	579.0	536.5	681.7	.	.
Slovenia	467	431	94.2	4.6	1.2	5.6	0.0	1.1	517.0	508.0	512.8	511.8	.	520.9
South Africa	334	293	34.8	50.5	14.7	1.1	0.0	9.0	402.3	357.7	345.7	415.4	.	375.8
Sweden	206	193	77.7	20.7	1.7	1.8	0.0	5.0	506.4	482.9	453.6	510.0	.	498.5
Thailand	205	205	70.0	29.1	0.8	0.0	0.0	0.0	441.0	408.1	436.4	.	.	.
Turkey	220	217	35.7	53.7	10.6	0.0	0.0	1.1	465.8	455.0	444.7	.	.	445.9
United Arab Emirates	746	620	50.0	44.7	5.3	9.4	0.0	5.6	499.8	435.9	439.0	447.4	.	445.0
United States	429	366	70.3	28.7	1.0	13.6	0.0	1.1	524.8	504.9	474.3	516.7	.	516.7
International Avg. (39)	12055	11000	57.1	34.7	8.3	3.8	0.0	2.8	493.5	466.0	454.7	490.5	.	467.5
Buenos Aires, Argentina	138	56	52.0	21.7	26.3	57.3	0.0	3.3	404.5	360.2	392.7	400.5	.	371.4
Ontario, Canada	217	180	64.1	33.8	2.1	13.5	0.0	1.9	536.4	502.4	481.2	510.3	.	542.2
Quebec, Canada	175	157	62.6	34.7	2.7	8.0	0.0	0.3	559.2	531.5	545.3	475.4	.	563.3
Norway (8)	239	209	60.6	37.3	2.1	9.3	0.0	0.7	491.9	483.1	432.4	481.9	.	474.4
Abu Dhabi, UAE	207	159	41.1	48.9	9.9	13.4	0.0	6.2	474.4	420.9	431.2	439.9	.	415.7
Dubai, UAE	267	236	67.9	29.8	2.3	5.0	0.0	2.4	533.9	469.5	469.5	465.6	.	554.7
Florida, US	110	77	49.7	44.2	6.1	25.8	0.0	0.4	522.1	490.4	418.4	468.9	.	541.6

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from not enough sleep
Location: TQG-15c (BTBG15C)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	33.1	61.6	5.3	10.6	0.0	2.9	543.0	494.8	470.4	473.9	.	484.7
Bahrain	201	189	18.4	54.0	27.6	1.1	0.0	6.3	472.6	449.3	454.0	450.8	.	441.3
Botswana	169	149	27.2	60.8	12.0	5.5	0.0	5.3	397.2	393.3	375.9	383.2	.	374.4
Canada	409	351	27.4	57.7	14.8	10.7	0.0	3.0	545.5	526.7	513.8	501.9	.	541.4
Chile	173	148	13.3	63.3	23.4	9.4	0.0	4.5	471.4	425.9	412.5	406.3	.	444.9
Chinese Taipei	216	212	25.0	59.0	16.0	0.0	0.0	1.7	594.7	607.7	575.6	.	.	586.4
Egypt	215	211	22.3	68.8	8.9	0.8	0.0	0.7	398.9	392.1	376.5	431.7	.	350.3
England	215	182	39.5	51.7	8.8	13.9	0.0	0.0	545.9	504.0	466.0	524.9	.	.
Georgia	188	176	28.2	55.4	16.4	0.0	0.0	6.0	448.2	456.1	451.6	.	.	454.2
Hong Kong SAR	175	161	14.9	69.1	16.0	1.8	0.0	5.4	622.0	593.9	557.3	615.8	.	621.8
Hungary	278	268	35.0	57.0	8.1	3.4	0.0	0.4	540.1	498.9	510.6	518.2	.	518.0
Iran, Islamic Rep. of	251	248	14.0	58.3	27.6	0.0	0.0	1.8	450.7	435.9	432.0	.	.	406.7
Ireland	526	476	34.3	58.8	6.9	7.1	0.0	2.4	543.5	514.6	487.1	535.6	.	520.5
Israel	603	527	36.5	44.4	19.1	6.9	0.0	3.2	547.4	500.4	470.0	513.3	.	481.2
Italy	230	209	44.9	45.8	9.3	4.6	0.0	2.6	496.1	493.4	485.2	512.6	.	482.4
Japan	231	227	56.3	43.4	0.3	0.3	0.0	1.4	595.1	575.8	587.5	571.1	.	574.2
Jordan	260	254	23.0	63.7	13.2	0.0	0.0	2.0	393.9	382.7	388.6	.	.	360.9
Kazakhstan	239	229	44.4	48.4	7.3	0.4	0.0	4.3	530.5	524.2	526.0	518.8	.	543.8
Korea, Rep. of	317	317	30.6	53.0	16.5	0.0	0.0	0.0	614.0	605.9	589.9	.	.	.
Kuwait	191	184	15.2	53.5	31.3	1.4	0.0	3.2	416.4	393.9	378.4	401.3	.	388.5
Lebanon	185	168	23.7	55.0	21.3	2.8	0.0	5.4	440.9	443.6	436.2	460.6	.	450.7
Lithuania	269	255	45.9	47.3	6.8	4.8	0.0	1.9	515.9	506.7	501.7	524.4	.	515.1
Malaysia	326	303	37.2	54.3	8.5	6.2	0.0	0.6	465.8	467.3	462.6	455.7	.	401.7
Malta	224	208	49.0	48.8	2.2	6.4	0.0	0.5	511.2	480.8	416.1	480.0	.	524.2
Morocco	373	348	15.7	65.8	18.5	2.3	0.0	5.2	385.4	383.6	387.7	384.9	.	380.0
New Zealand	489	456	30.0	62.5	7.5	3.8	0.0	2.7	529.4	482.9	437.3	471.8	.	498.3
Norway	239	210	33.0	61.4	5.6	9.6	0.0	0.3	521.2	509.3	505.5	498.8	.	479.7
Oman	356	345	29.1	48.4	22.5	0.0	0.0	2.5	417.5	400.7	391.6	.	.	387.1
Qatar	250	227	29.4	52.5	18.1	0.5	0.0	8.7	472.9	430.2	411.5	547.9	.	406.5
Russian Federation	226	221	44.4	45.5	10.1	0.0	0.0	1.8	541.1	537.8	527.5	.	.	523.7
Saudi Arabia	149	144	10.8	59.0	30.2	0.6	0.0	4.1	372.7	371.9	356.4	448.5	.	366.2
Singapore	334	330	31.1	60.4	8.5	1.7	0.0	0.0	629.3	616.7	608.4	681.7	.	.
Slovenia	467	431	57.8	34.6	7.5	5.6	0.0	1.1	524.3	504.4	513.5	511.8	.	520.9
South Africa	334	292	27.6	63.9	8.5	1.1	0.0	9.7	370.2	370.7	383.5	415.4	.	374.0
Sweden	206	192	39.3	53.2	7.5	1.8	0.0	5.4	511.9	495.3	479.9	510.0	.	498.3
Thailand	205	205	24.7	67.4	7.9	0.0	0.0	0.0	441.1	425.5	451.4	.	.	.
Turkey	220	217	17.5	63.8	18.6	0.0	0.0	1.1	456.0	457.6	460.1	.	.	445.9
United Arab Emirates	746	622	37.3	52.5	10.3	9.4	0.0	5.3	499.2	455.4	419.4	447.4	.	442.7
United States	429	367	26.7	64.0	9.3	13.6	0.0	0.9	538.4	514.9	488.5	516.7	.	504.4
International Avg. (39)	12055	11006	30.6	56.1	13.3	3.8	0.0	2.9	495.2	477.6	465.3	490.5	.	465.6
Buenos Aires, Argentina	138	59	7.6	47.8	44.6	57.3	0.0	0.7	423.1	393.4	381.4	400.5	.	381.1
Ontario, Canada	217	179	22.9	62.2	14.9	13.5	0.0	2.5	536.4	524.4	503.2	510.3	.	530.6
Quebec, Canada	175	156	34.9	47.6	17.5	8.0	0.0	2.2	564.6	543.6	530.7	475.4	.	575.7
Norway (8)	239	209	36.1	59.1	4.8	9.3	0.0	0.7	499.3	482.2	460.5	481.9	.	474.4
Abu Dhabi, UAE	207	161	33.3	54.9	11.8	13.4	0.0	5.2	466.2	441.9	393.6	439.9	.	405.8
Dubai, UAE	267	237	53.7	38.8	7.5	5.0	0.0	2.2	536.8	487.9	477.3	465.6	.	553.0
Florida, US	110	77	20.7	64.2	15.1	25.8	0.0	0.4	542.2	498.7	459.2	468.9	.	541.6

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students
Location: TQG-15d (BTBG15D)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	748	30.3	53.5	16.2	10.6	0.0	2.7	546.4	501.8	467.2	473.9	.	475.5
Bahrain	201	188	18.1	55.7	26.2	1.1	0.0	9.1	467.6	456.9	440.2	450.8	.	449.5
Botswana	169	151	15.4	54.5	30.1	5.5	0.0	3.9	404.0	388.1	390.9	383.2	.	388.2
Canada	409	354	30.3	55.1	14.5	10.7	0.0	2.0	550.8	522.6	515.6	501.9	.	539.3
Chile	173	146	12.1	52.2	35.7	9.4	0.0	6.0	471.5	436.4	405.0	406.3	.	432.3
Chinese Taipei	216	211	31.9	47.3	20.8	0.0	0.0	2.4	610.7	600.8	577.2	.	.	601.2
Egypt	215	213	12.0	56.9	31.0	0.8	0.0	0.0	398.6	397.1	379.9	431.7	.	.
England	215	182	31.4	50.8	17.8	13.9	0.0	0.0	565.7	503.0	472.1	524.9	.	.
Georgia	188	184	29.3	61.1	9.5	0.0	0.0	1.5	461.6	451.3	443.1	.	.	430.3
Hong Kong SAR	175	161	40.2	54.3	5.6	1.8	0.0	5.4	610.9	582.6	551.9	615.8	.	621.8
Hungary	278	268	46.0	37.0	17.1	3.4	0.0	0.4	529.2	515.6	471.1	518.2	.	518.0
Iran, Islamic Rep. of	251	248	32.3	39.2	28.5	0.0	0.0	1.8	453.6	426.0	433.0	.	.	406.7
Ireland	526	477	53.8	34.3	11.8	7.1	0.0	2.2	541.7	515.4	456.6	535.6	.	521.3
Israel	603	529	28.8	40.9	30.3	6.9	0.0	2.9	557.2	505.9	477.2	513.3	.	471.5
Italy	230	208	22.4	50.6	27.0	4.6	0.0	3.0	507.9	491.2	487.2	512.6	.	482.8
Japan	231	226	80.2	18.3	1.6	0.3	0.0	1.6	590.5	573.3	550.8	571.1	.	575.8
Jordan	260	255	27.9	52.3	19.8	0.0	0.0	2.5	387.2	389.6	373.4	.	.	379.3
Kazakhstan	239	229	42.3	41.3	16.5	0.4	0.0	4.0	528.5	537.5	502.3	518.8	.	527.1
Korea, Rep. of	317	317	9.2	51.4	39.4	0.0	0.0	0.0	610.1	612.6	595.7	.	.	.
Kuwait	191	183	14.9	52.8	32.4	1.4	0.0	3.8	430.0	392.0	376.2	401.3	.	387.6
Lebanon	185	166	23.7	64.8	11.5	2.8	0.0	7.1	442.5	439.2	455.8	460.6	.	442.3
Lithuania	269	256	28.4	49.0	22.6	4.8	0.0	1.3	523.5	512.7	490.2	524.4	.	509.1
Malaysia	326	304	16.2	61.5	22.3	6.2	0.0	0.5	517.6	467.6	425.8	455.7	.	393.0
Malta	224	208	25.4	56.6	18.0	6.4	0.0	0.5	523.9	498.1	440.5	480.0	.	524.2
Morocco	373	351	6.7	52.8	40.6	2.3	0.0	4.0	369.4	385.1	384.7	384.9	.	395.5
New Zealand	489	457	23.3	63.8	12.9	3.8	0.0	2.2	538.1	488.5	436.6	471.8	.	503.7
Norway	239	210	42.5	47.7	9.7	9.6	0.0	0.3	520.1	509.8	497.6	498.8	.	479.7
Oman	356	344	30.9	43.5	25.5	0.0	0.0	2.5	418.6	397.9	395.1	.	.	386.6
Qatar	250	227	26.9	61.0	12.1	0.5	0.0	8.7	480.6	425.7	416.9	547.9	.	406.5
Russian Federation	226	225	20.3	58.4	21.3	0.0	0.0	0.5	538.8	545.8	513.3	.	.	646.5
Saudi Arabia	149	145	21.5	61.4	17.0	0.6	0.0	2.0	395.0	363.3	346.1	448.5	.	371.1
Singapore	334	330	31.5	58.4	10.1	1.7	0.0	0.0	649.0	612.1	574.7	681.7	.	.
Slovenia	467	430	47.4	36.0	16.5	5.6	0.0	1.2	523.7	511.6	506.9	511.8	.	518.9
South Africa	334	295	13.9	56.7	29.4	1.1	0.0	8.5	394.4	369.6	365.2	415.4	.	373.0
Sweden	206	193	36.3	55.5	8.3	1.8	0.0	4.1	518.7	493.4	474.8	510.0	.	489.7
Thailand	205	205	21.2	67.1	11.6	0.0	0.0	0.0	467.1	426.1	397.1	.	.	.
Turkey	220	217	8.2	46.7	45.1	0.0	0.0	1.1	531.0	460.1	441.9	.	.	445.9
United Arab Emirates	746	617	31.7	57.0	11.2	9.4	0.0	6.6	493.4	457.1	449.5	447.4	.	451.2
United States	429	368	23.6	57.1	19.2	13.6	0.0	0.6	548.9	518.5	480.4	516.7	.	547.0
International Avg. (39)	12055	11026	27.9	51.7	20.4	3.8	0.0	2.7	503.0	479.0	457.9	490.5	.	473.3
Buenos Aires, Argentina	138	59	9.7	55.5	34.8	57.3	0.0	0.7	460.1	382.7	383.1	400.5	.	381.1
Ontario, Canada	217	180	26.8	58.8	14.4	13.5	0.0	1.9	534.3	522.2	510.6	510.3	.	542.2
Quebec, Canada	175	158	41.8	42.5	15.7	8.0	0.0	0.2	570.0	536.5	528.3	475.4	.	586.6
Norway (8)	239	210	39.5	48.3	12.2	9.3	0.0	0.4	497.3	483.7	469.2	481.9	.	481.9
Abu Dhabi, UAE	207	159	25.1	59.6	15.4	13.4	0.0	6.6	463.8	437.7	428.7	439.9	.	430.8
Dubai, UAE	267	236	46.2	45.3	8.5	5.0	0.0	3.2	533.2	491.9	518.6	465.6	.	543.0
Florida, US	110	77	20.3	50.9	28.8	25.8	0.0	0.4	546.1	506.6	462.0	468.9	.	541.6

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students
Location: TQG-15e (BTBG15E)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	749	20.8	64.0	15.2	10.6	0.0	2.6	554.0	506.1	463.5	473.9	.	478.6
Bahrain	201	189	8.3	61.7	30.0	1.1	0.0	6.3	482.5	455.1	446.6	450.8	.	441.3
Botswana	169	150	4.4	50.3	45.3	5.5	0.0	4.8	423.2	398.5	380.7	383.2	.	386.3
Canada	409	352	16.8	65.9	17.3	10.7	0.0	2.7	546.6	530.4	511.2	501.9	.	546.2
Chile	173	146	8.0	46.7	45.3	9.4	0.0	4.9	476.8	440.8	407.4	406.3	.	448.4
Chinese Taipei	216	211	7.5	45.7	46.8	0.0	0.0	1.7	642.6	610.8	581.1	.	.	588.3
Egypt	215	213	5.2	58.7	36.1	0.8	0.0	0.0	391.9	398.1	381.9	431.7	.	.
England	215	182	28.2	57.9	13.9	13.9	0.0	0.0	560.7	509.7	459.8	524.9	.	.
Georgia	188	185	2.9	77.6	19.5	0.0	0.0	0.8	453.8	456.9	439.7	.	.	423.3
Hong Kong SAR	175	161	11.8	71.6	16.6	1.8	0.0	5.4	616.6	596.2	557.8	615.8	.	621.8
Hungary	278	268	21.0	61.3	17.7	3.4	0.0	0.4	559.8	508.8	479.2	518.2	.	518.0
Iran, Islamic Rep. of	251	248	6.8	51.0	42.2	0.0	0.0	1.8	470.4	444.8	422.0	.	.	406.7
Ireland	526	476	22.1	64.3	13.6	7.1	0.0	2.2	551.4	525.2	463.1	535.6	.	521.7
Israel	603	529	23.4	48.6	28.0	6.9	0.0	2.9	562.3	510.1	473.3	513.3	.	471.5
Italy	230	209	3.4	61.9	34.7	4.6	0.0	2.6	513.4	498.2	484.2	512.6	.	482.4
Japan	231	227	44.5	50.4	5.1	0.3	0.0	1.0	600.5	575.8	571.9	571.1	.	576.8
Jordan	260	253	11.1	48.1	40.9	0.0	0.0	2.9	392.4	388.8	379.1	.	.	396.3
Kazakhstan	239	229	22.4	61.2	16.4	0.4	0.0	4.0	529.6	530.4	511.3	518.8	.	545.6
Korea, Rep. of	317	317	12.7	62.1	25.2	0.0	0.0	0.0	613.8	607.7	596.9	.	.	.
Kuwait	191	184	12.5	58.5	29.0	1.4	0.0	3.2	416.6	395.8	375.3	401.3	.	388.5
Lebanon	185	168	19.8	69.7	10.5	2.8	0.0	5.4	439.6	441.0	451.4	460.6	.	443.8
Lithuania	269	257	11.8	64.5	23.7	4.8	0.0	0.8	533.8	513.0	493.0	524.4	.	501.2
Malaysia	326	303	11.9	54.6	33.5	6.2	0.0	0.8	529.1	480.5	421.1	455.7	.	419.4
Malta	224	208	18.7	60.0	21.3	6.4	0.0	0.5	533.0	502.3	437.5	480.0	.	524.2
Morocco	373	355	2.8	48.1	49.1	2.3	0.0	2.9	384.5	387.5	381.4	384.9	.	381.7
New Zealand	489	455	18.7	71.7	9.7	3.8	0.0	2.3	540.2	487.5	445.5	471.8	.	505.0
Norway	239	210	22.2	69.1	8.7	9.6	0.0	0.3	522.6	510.8	506.1	498.8	.	479.7
Oman	356	343	20.0	44.7	35.3	0.0	0.0	2.6	415.1	403.9	396.7	.	.	386.5
Qatar	250	226	21.6	60.0	18.3	0.5	0.0	9.5	490.1	431.1	411.3	547.9	.	401.7
Russian Federation	226	224	17.0	60.2	22.8	0.0	0.0	0.6	534.5	544.9	521.3	.	.	573.3
Saudi Arabia	149	144	5.3	59.8	34.9	0.6	0.0	2.8	461.8	367.6	353.0	448.5	.	357.6
Singapore	334	330	16.2	74.4	9.4	1.7	0.0	0.0	648.6	618.8	579.1	681.7	.	.
Slovenia	467	431	35.8	47.8	16.5	5.6	0.0	1.1	529.3	511.3	504.0	511.8	.	520.9
South Africa	334	293	7.6	59.1	33.4	1.1	0.0	9.2	395.8	370.9	368.0	415.4	.	372.9
Sweden	206	193	21.5	63.5	15.0	1.8	0.0	5.0	523.6	499.0	474.9	510.0	.	498.5
Thailand	205	205	6.7	74.3	19.0	0.0	0.0	0.0	466.2	436.5	399.3	.	.	.
Turkey	220	217	2.5	42.4	55.1	0.0	0.0	1.1	548.9	477.7	438.3	.	.	445.9
United Arab Emirates	746	620	18.5	70.9	10.6	9.4	0.0	5.8	500.5	467.1	422.3	447.4	.	438.2
United States	429	368	11.4	61.9	26.7	13.6	0.0	0.6	561.9	521.9	491.5	516.7	.	547.0
International Avg. (39)	12055	11028	15.0	59.6	25.4	3.8	0.0	2.6	510.7	483.6	458.5	490.5	.	471.7
Buenos Aires, Argentina	138	59	3.2	57.0	39.9	57.3	0.0	0.7	449.8	404.5	365.4	400.5	.	381.1
Ontario, Canada	217	180	15.1	68.1	16.8	13.5	0.0	1.9	539.3	525.8	501.3	510.3	.	542.2
Quebec, Canada	175	156	16.9	64.7	18.4	8.0	0.0	2.2	577.8	545.4	534.0	475.4	.	570.0
Norway (8)	239	210	23.7	65.4	10.9	9.3	0.0	0.4	497.6	485.3	476.4	481.9	.	481.9
Abu Dhabi, UAE	207	160	12.7	72.7	14.6	13.4	0.0	6.6	475.5	447.7	404.7	439.9	.	405.2
Dubai, UAE	267	236	30.3	62.0	7.7	5.0	0.0	2.3	532.7	509.6	467.8	465.6	.	550.0
Florida, US	110	77	10.2	40.8	49.1	25.8	0.0	0.4	581.7	525.3	465.7	468.9	.	541.6

Question: In your view, to what extent do the following limit how you teach this class? Students with physical disabilities
Location: TQG-15f (BTBG15F)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	89.1	10.2	0.6	10.6	0.0	2.6	513.8	473.3	499.6	473.9	.	478.4
Bahrain	201	190	80.8	18.0	1.2	1.1	0.0	5.4	454.6	452.8	453.9	450.8	.	449.4
Botswana	169	151	83.0	13.8	3.1	5.5	0.0	3.9	392.1	386.6	395.3	383.2	.	388.2
Canada	409	354	91.8	8.2	0.0	10.7	0.0	2.0	532.3	506.1	.	501.9	.	539.3
Chile	173	147	83.7	16.3	0.0	9.4	0.0	5.0	435.5	395.0	.	406.3	.	441.1
Chinese Taipei	216	211	94.4	5.1	0.5	0.0	0.0	2.3	598.8	603.1	596.2	.	.	601.5
Egypt	215	212	72.6	26.0	1.4	0.8	0.0	1.0	390.0	396.1	425.6	431.7	.	374.3
England	215	182	97.1	2.8	0.1	13.9	0.0	0.0	520.0	425.0	418.6	524.9	.	.
Georgia	188	183	79.7	16.0	4.2	0.0	0.0	2.3	455.6	451.8	426.1	.	.	430.7
Hong Kong SAR	175	161	91.5	6.9	1.5	1.8	0.0	5.4	591.1	598.0	632.1	615.8	.	621.8
Hungary	278	268	97.6	1.2	1.2	3.4	0.0	0.4	514.2	533.6	502.1	518.2	.	518.0
Iran, Islamic Rep. of	251	247	67.3	23.0	9.8	0.0	0.0	2.0	441.3	432.4	418.0	.	.	405.9
Ireland	526	477	92.8	6.7	0.5	7.1	0.0	2.3	525.5	490.4	460.1	535.6	.	514.6
Israel	603	527	79.3	15.3	5.4	6.9	0.0	3.3	522.9	470.0	475.9	513.3	.	467.7
Italy	230	206	83.5	15.4	1.1	4.6	0.0	4.5	496.9	476.9	507.9	512.6	.	485.5
Japan	231	228	97.6	2.4	0.0	0.3	0.0	0.8	586.7	585.0	.	571.1	.	574.0
Jordan	260	256	80.1	16.8	3.1	0.0	0.0	1.4	388.5	370.2	410.2	.	.	346.4
Kazakhstan	239	229	75.7	19.2	5.0	0.4	0.0	4.3	524.4	552.6	471.5	518.8	.	543.8
Korea, Rep. of	317	317	80.5	18.4	1.1	0.0	0.0	0.0	608.2	593.1	639.7	.	.	.
Kuwait	191	182	72.0	24.8	3.2	1.4	0.0	4.3	391.9	397.6	369.7	401.3	.	387.2
Lebanon	185	166	80.9	17.7	1.4	2.8	0.0	5.9	442.8	437.2	381.8	460.6	.	455.6
Lithuania	269	255	93.8	6.0	0.2	4.8	0.0	1.3	513.1	473.5	482.8	524.4	.	507.2
Malaysia	326	304	89.5	9.4	1.1	6.2	0.0	0.5	464.7	485.1	437.7	455.7	.	393.0
Malta	224	208	83.7	14.6	1.7	6.4	0.0	0.5	496.1	490.3	441.3	480.0	.	524.2
Morocco	373	353	63.9	33.7	2.4	2.3	0.0	3.4	386.9	379.2	391.1	384.9	.	384.5
New Zealand	489	457	91.1	8.6	0.3	3.8	0.0	2.1	496.3	468.3	343.9	471.8	.	498.7
Norway	239	209	98.8	1.2	0.0	9.6	0.0	0.6	512.9	521.4	.	498.8	.	501.5
Oman	356	344	65.2	23.4	11.4	0.0	0.0	2.3	404.3	405.2	399.5	.	.	369.7
Qatar	250	227	82.0	16.8	1.2	0.5	0.0	8.7	441.5	430.9	417.0	547.9	.	406.5
Russian Federation	226	222	82.3	14.9	2.8	0.0	0.0	1.7	538.6	538.6	536.1	.	.	507.3
Saudi Arabia	149	143	86.8	12.5	0.7	2.7	0.0	2.3	365.2	380.8	362.2	379.8	.	377.8
Singapore	334	330	89.0	10.7	0.3	1.7	0.0	0.0	621.1	612.5	541.0	681.7	.	.
Slovenia	467	431	97.0	3.0	0.0	5.6	0.0	1.1	516.5	520.1	.	511.8	.	520.9
South Africa	334	289	78.3	20.5	1.2	1.1	0.0	10.7	379.1	339.6	375.4	415.4	.	379.5
Sweden	206	194	93.6	5.7	0.7	1.8	0.0	4.5	502.6	475.2	417.2	510.0	.	502.5
Thailand	205	205	74.1	25.6	0.3	0.0	0.0	0.0	438.5	411.8	355.8	.	.	.
Turkey	220	217	92.2	6.9	0.9	0.0	0.0	1.1	460.5	423.9	440.0	.	.	445.9
United Arab Emirates	746	623	78.9	19.4	1.7	9.4	0.0	5.5	473.6	444.7	430.4	447.4	.	456.0
United States	429	366	86.0	13.6	0.4	13.6	0.0	1.3	518.9	516.9	591.2	516.7	.	498.2
International Avg. (39)	12055	11018	84.5	13.6	1.8	3.8	0.0	2.7	483.5	470.4	454.3	488.2	.	465.6
Buenos Aires, Argentina	138	58	77.2	18.6	4.2	57.3	0.0	1.5	392.3	382.1	379.8	400.5	.	398.4
Ontario, Canada	217	180	93.5	6.5	0.0	13.5	0.0	1.9	525.4	500.4	.	510.3	.	542.2
Quebec, Canada	175	158	92.9	7.1	0.0	8.0	0.0	0.2	550.3	535.8	.	475.4	.	586.6
Norway (8)	239	210	95.7	4.0	0.3	9.3	0.0	0.4	487.0	492.4	520.5	481.9	.	481.9
Abu Dhabi, UAE	207	161	81.8	18.0	0.2	13.4	0.0	5.9	448.6	410.5	411.1	439.9	.	446.1
Dubai, UAE	267	237	82.3	17.1	0.6	5.0	0.0	2.2	520.2	481.3	484.8	465.6	.	553.0
Florida, US	110	77	79.1	20.9	0.0	25.8	0.0	0.4	510.1	470.5	.	468.9	.	541.6

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 (BTBG15G)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Not Administered %	Not Applicable %	Omitted %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	749	40.9	52.9	6.2	10.6	0.0	2.6	537.9	491.6	476.2	473.9	.	478.6
Bahrain	201	189	53.3	44.4	2.3	1.1	0.0	5.8	458.1	449.6	463.2	450.8	.	447.2
Botswana	169	151	44.1	48.9	7.0	5.5	0.0	3.9	395.7	388.5	384.4	383.2	.	388.2
Canada	409	354	45.1	49.6	5.3	10.7	0.0	2.0	537.2	527.5	493.7	501.9	.	539.3
Chile	173	148	32.5	54.9	12.6	9.4	0.0	4.5	443.3	425.0	408.0	406.3	.	444.9
Chinese Taipei	216	211	50.7	43.7	5.5	0.0	0.0	2.3	607.4	593.8	564.2	.	.	601.5
Egypt	215	213	49.0	45.8	5.2	0.8	0.0	0.0	396.7	385.9	400.1	431.7	.	.
England	215	182	56.4	38.3	5.3	13.9	0.0	0.0	540.4	493.0	445.6	524.9	.	.
Georgia	188	184	54.9	41.9	3.2	0.0	0.0	1.4	459.0	447.3	434.1	.	.	444.3
Hong Kong SAR	175	161	61.2	36.4	2.4	1.8	0.0	5.4	610.0	569.5	483.9	615.8	.	621.8
Hungary	278	268	47.6	44.9	7.5	3.4	0.0	0.4	538.1	496.5	469.8	518.2	.	518.0
Iran, Islamic Rep. of	251	248	14.7	56.9	28.5	0.0	0.0	1.8	467.3	434.5	426.1	.	.	406.7
Ireland	526	478	53.3	43.1	3.6	7.1	0.0	2.1	536.3	511.2	458.1	535.6	.	520.8
Israel	603	527	24.8	54.7	20.5	6.9	0.0	3.3	544.3	506.5	488.8	513.3	.	468.6
Italy	230	206	38.7	55.4	5.9	4.6	0.0	4.5	499.7	489.0	502.3	512.6	.	485.5
Japan	231	227	82.1	17.5	0.3	0.3	0.0	1.4	588.3	579.9	553.0	571.1	.	574.2
Jordan	260	254	55.1	41.6	3.4	0.0	0.0	1.8	387.0	384.8	384.6	.	.	359.1
Kazakhstan	239	229	57.5	28.3	14.2	0.4	0.0	4.3	523.8	550.4	494.0	518.8	.	543.8
Korea, Rep. of	317	317	30.0	62.5	7.4	0.0	0.0	0.0	617.6	601.7	591.7	.	.	.
Kuwait	191	182	55.0	36.6	8.4	1.4	0.0	4.3	398.1	384.3	392.7	401.3	.	387.2
Lebanon	185	166	53.6	42.0	4.3	2.8	0.0	5.9	439.6	444.4	425.5	460.6	.	455.6
Lithuania	269	256	44.2	47.7	8.0	4.8	0.0	1.3	523.0	504.9	477.1	524.4	.	509.1
Malaysia	326	303	65.9	27.7	6.3	6.2	0.0	1.1	480.0	450.5	404.6	455.7	.	374.0
Malta	224	208	47.0	46.8	6.2	6.4	0.0	0.5	518.4	480.6	415.6	480.0	.	524.2
Morocco	373	351	34.4	50.2	15.4	2.3	0.0	4.2	381.5	385.2	387.1	384.9	.	387.6
New Zealand	489	458	53.6	43.6	2.8	3.8	0.0	1.9	513.4	472.0	441.9	471.8	.	502.8
Norway	239	210	59.0	39.8	1.2	9.6	0.0	0.3	514.5	511.3	494.1	498.8	.	479.7
Oman	356	344	37.9	37.6	24.5	0.0	0.0	2.5	411.5	396.5	404.6	.	.	363.5
Qatar	250	226	64.1	30.9	5.0	0.5	0.0	8.9	450.1	420.8	418.5	547.9	.	406.5
Russian Federation	226	222	42.5	42.1	15.4	0.0	0.0	1.6	538.5	541.3	529.5	.	.	520.3
Saudi Arabia	149	144	68.4	27.6	4.1	0.6	0.0	2.3	371.6	359.4	341.0	448.5	.	377.8
Singapore	334	330	59.1	39.6	1.3	1.7	0.0	0.0	632.1	601.8	617.1	681.7	.	.
Slovenia	467	431	57.9	36.0	6.2	5.6	0.0	1.1	519.9	515.7	490.1	511.8	.	520.9
South Africa	334	289	38.4	52.0	9.6	1.1	0.0	10.4	366.9	373.9	370.6	415.4	.	380.1
Sweden	206	193	47.5	47.1	5.4	1.8	0.0	5.0	513.9	491.3	466.2	510.0	.	498.5
Thailand	205	205	38.4	59.4	2.3	0.0	0.0	0.0	442.2	423.8	447.6	.	.	.
Turkey	220	216	56.5	35.8	7.7	0.0	0.0	1.6	469.5	443.5	436.1	.	.	457.4
United Arab Emirates	746	620	63.4	34.8	1.8	9.4	0.0	5.9	473.5	456.7	463.9	447.4	.	454.3
United States	429	367	42.4	53.0	4.6	13.6	0.0	0.9	531.6	511.1	487.0	516.7	.	504.4
International Avg. (39)	12055	11017	49.3	43.4	7.4	3.8	0.0	2.7	491.7	474.2	457.2	490.5	.	469.0
Buenos Aires, Argentina	138	58	44.5	37.6	18.0	57.3	0.0	1.5	397.6	379.6	392.4	400.5	.	398.4
Ontario, Canada	217	180	38.1	54.5	7.4	13.5	0.0	1.9	525.8	527.9	483.0	510.3	.	542.2
Quebec, Canada	175	158	54.4	42.9	2.7	8.0	0.0	0.2	558.1	538.2	545.1	475.4	.	586.6
Norway (8)	239	209	60.1	36.5	3.4	9.3	0.0	0.7	492.6	481.4	459.4	481.9	.	474.4
Abu Dhabi, UAE	207	159	69.7	29.9	0.4	13.4	0.0	7.0	451.3	419.4	474.5	439.9	.	442.9
Dubai, UAE	267	236	61.7	36.6	1.6	5.0	0.0	2.5	518.3	506.5	488.7	465.6	.	545.2
Florida, US	110	77	37.9	53.5	8.7	25.8	0.0	0.4	521.3	496.1	452.1	468.9	.	541.6

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In a typical week, how much time do you spend teaching mathematics to the students in this class?
Location: TQM-16 (BTBM16)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	734	10.6	0.0	2.6	213.6	210.0	40.0	150.0	160.0	200.0	210.0	240.0	250.0	280.0	500.0
Bahrain	201	193	1.1	0.0	2.4	266.9	250.0	45.0	120.0	200.0	250.0	275.0	300.0	330.0	360.0	400.0
Botswana (9)	169	144	6.2	0.0	6.0	218.4	240.0	80.0	160.0	160.0	200.0	240.0	240.0	240.0	240.0	480.0
Canada	409	344	10.8	0.0	2.8	270.1	300.0	0.0	190.0	200.0	225.0	260.0	300.0	335.0	360.0	600.0
Chile	173	143	9.4	0.0	7.3	300.7	270.0	7.0	180.0	270.0	270.0	275.0	360.0	360.0	420.0	540.0
Chinese Taipei	216	213	0.0	0.0	1.6	236.6	225.0	120.0	180.0	180.0	225.0	225.0	270.0	300.0	300.0	400.0
Egypt	215	206	0.8	0.0	4.2	216.0	225.0	5.0	90.0	150.0	200.0	225.0	225.0	270.0	300.0	540.0
England	215	177	13.9	0.0	2.9	195.4	180.0	3.0	120.0	130.0	180.0	180.0	230.0	250.0	300.0	325.0
Georgia	188	164	0.0	0.0	11.0	202.9	180.0	4.0	180.0	180.0	180.0	180.0	200.0	240.0	300.0	600.0
Hong Kong SAR	175	168	1.8	0.0	3.4	232.6	240.0	6.0	180.0	200.0	210.0	230.0	240.0	280.0	340.0	480.0
Hungary	278	265	3.4	0.0	1.7	185.6	180.0	3.0	135.0	135.0	160.0	180.0	200.0	240.0	270.0	480.0
Iran, Islamic Rep. of	251	231	0.0	0.0	8.4	213.8	180.0	45.0	90.0	120.0	180.0	180.0	240.0	300.0	360.0	600.0
Ireland	526	456	7.1	0.0	4.2	192.7	200.0	150.0	160.0	175.0	185.0	200.0	200.0	200.0	220.0	240.0
Israel	603	525	6.9	0.0	3.3	243.4	225.0	20.0	180.0	225.0	225.0	225.0	270.0	315.0	315.0	540.0
Italy	230	214	4.6	0.0	0.9	247.0	240.0	4.0	210.0	220.0	240.0	240.0	240.0	300.0	360.0	480.0
Japan	231	230	0.3	0.0	0.0	155.6	150.0	50.0	135.0	150.0	150.0	150.0	150.0	200.0	200.0	300.0
Jordan	260	251	0.0	0.0	2.1	204.5	200.0	24.0	120.0	175.0	200.0	200.0	225.0	240.0	280.0	420.0
Kazakhstan	239	225	0.4	0.0	6.0	229.7	225.0	5.0	120.0	180.0	225.0	225.0	225.0	300.0	333.0	540.0
Korea, Rep. of	317	299	0.0	0.0	6.7	177.1	180.0	45.0	135.0	180.0	180.0	180.0	180.0	180.0	180.0	540.0
Kuwait	191	175	1.4	0.0	7.1	219.4	225.0	4.0	120.0	200.0	225.0	225.0	225.0	251.0	270.0	550.0
Lebanon	185	159	2.8	0.0	12.0	289.7	300.0	5.0	25.0	220.0	265.0	300.0	350.0	360.0	385.0	600.0
Lithuania	269	258	4.8	0.0	0.0	195.1	180.0	4.0	180.0	180.0	180.0	180.0	225.0	240.0	240.0	420.0
Malaysia	326	283	6.2	0.0	7.5	201.2	200.0	6.0	100.0	140.0	175.0	200.0	200.0	280.0	320.0	525.0
Malta	224	204	6.4	0.0	2.4	216.2	200.0	150.0	190.0	200.0	200.0	200.0	240.0	240.0	240.0	600.0
Morocco	373	314	2.3	0.0	12.4	243.4	240.0	6.0	200.0	220.0	240.0	240.0	240.0	240.0	315.0	500.0
New Zealand	489	457	3.8	0.0	2.6	223.8	240.0	4.0	165.0	180.0	200.0	240.0	240.0	250.0	300.0	330.0
Norway (9)	239	210	9.6	0.0	0.3	165.4	180.0	3.0	120.0	135.0	135.0	165.0	180.0	210.0	225.0	360.0
Oman	356	319	0.0	0.0	10.4	283.0	280.0	3.0	200.0	225.0	280.0	280.0	315.0	315.0	350.0	600.0
Qatar	250	220	0.5	0.0	10.7	251.6	250.0	4.0	120.0	200.0	240.0	250.0	280.0	300.0	360.0	500.0
Russian Federation	226	220	0.0	0.0	3.1	250.1	225.0	45.0	200.0	200.0	225.0	225.0	270.0	315.0	360.0	520.0
Saudi Arabia	149	128	0.6	0.0	13.6	234.1	225.0	90.0	135.0	200.0	225.0	225.0	225.0	300.0	315.0	600.0
Singapore	334	326	1.7	0.0	1.1	208.8	210.0	3.0	165.0	175.0	180.0	210.0	220.0	250.0	280.0	540.0
Slovenia	467	428	5.6	0.0	1.6	180.0	180.0	4.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	360.0
South Africa (9)	334	294	1.1	0.0	11.2	285.8	300.0	45.0	180.0	220.0	250.0	285.0	300.0	360.0	420.0	600.0
Sweden	206	195	1.8	0.0	2.0	166.2	160.0	3.0	120.0	145.0	160.0	160.0	180.0	190.0	200.0	340.0
Thailand	205	205	0.0	0.0	0.0	166.3	150.0	50.0	120.0	150.0	150.0	150.0	180.0	240.0	250.0	250.0
Turkey	220	216	0.0	0.0	1.7	191.7	160.0	90.0	160.0	160.0	160.0	160.0	200.0	280.0	320.0	500.0
United Arab Emirates	746	495	11.1	0.0	19.3	259.3	270.0	5.0	175.0	200.0	225.0	255.0	280.0	350.0	360.0	600.0
United States	429	348	13.6	0.0	5.0	258.1	250.0	30.0	130.0	180.0	219.0	250.0	280.0	400.0	450.0	550.0
International Avg. (39)	12055	10636	3.9	0.0	5.2	222.9	218.6	31.0	149.2	182.1	205.1	216.9	239.6	273.9	304.1	483.3
Buenos Aires, Argentina	138	58	57.3	0.0	2.5	217.3	200.0	60.0	160.0	200.0	200.0	200.0	240.0	240.0	300.0	480.0
Ontario, Canada	217	176	13.7	0.0	3.1	282.9	300.0	0.0	200.0	210.0	250.0	300.0	300.0	350.0	375.0	600.0
Quebec, Canada	175	152	8.0	0.0	2.4	247.1	225.0	75.0	180.0	210.0	225.0	225.0	260.0	300.0	300.0	450.0
Norway (8)	239	210	9.3	0.0	0.4	172.5	180.0	4.0	90.0	135.0	164.0	180.0	180.0	225.0	240.0	360.0
Abu Dhabi, UAE	207	128	15.1	0.0	20.8	267.6	270.0	5.0	180.0	200.0	240.0	270.0	280.0	330.0	360.0	600.0
Dubai, UAE	267	204	5.7	0.0	13.0	254.2	240.0	15.0	180.0	200.0	210.0	240.0	280.0	320.0	360.0	600.0
Florida, US	110	73	25.8	0.0	5.3	240.8	225.0	80.0	140.0	180.0	200.0	225.0	265.0	300.0	360.0	600.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Inspiring students to learn mathematics
Location: TQM-17a (BTBM17A)

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	941	748	28.7	46.7	22.8	1.7	10.6	0.0	2.1	517.1	515.2	487.5	490.9	473.9	.	493.4
Bahrain	201	196	66.2	28.5	5.3	0.0	1.1	0.0	1.4	459.1	446.6	444.0	.	450.8	.	399.8
Botswana	169	156	63.4	35.1	1.5	0.0	5.5	0.0	0.0	392.9	388.5	386.2	.	383.2	.	.
Canada	409	356	31.1	49.7	19.0	0.2	10.7	0.0	1.5	527.1	536.2	519.3	498.4	501.9	.	542.5
Chile	173	151	56.7	32.7	10.7	0.0	9.4	0.0	2.2	427.6	441.4	405.0	.	406.3	.	424.9
Chinese Taipei	216	216	15.5	50.5	32.7	1.3	0.0	0.0	0.0	608.6	607.4	582.6	579.3	.	.	.
Egypt	215	210	66.8	31.5	1.6	0.0	0.8	0.0	2.0	400.5	377.7	324.2	.	431.7	.	385.0
England	215	182	33.4	48.5	16.6	1.5	13.9	0.0	0.0	535.9	521.5	471.2	469.5	524.9	.	.
Georgia	188	186	18.9	68.3	12.8	0.0	0.0	0.0	1.6	463.2	452.0	445.1	.	.	.	451.9
Hong Kong SAR	175	173	11.7	52.6	34.8	0.9	1.8	0.0	0.0	621.2	601.2	573.4	600.1	615.8	.	.
Hungary	278	267	30.6	45.7	21.1	2.7	3.4	0.0	0.8	534.1	509.0	506.5	431.2	518.2	.	536.1
Iran, Islamic Rep. of	251	250	31.6	38.4	26.5	3.5	0.0	0.0	0.4	451.8	432.7	428.2	394.6	.	.	481.8
Ireland	526	484	32.7	47.2	19.7	0.5	7.1	0.0	0.1	537.0	523.7	496.8	478.4	535.6	.	564.7
Israel	603	527	47.7	38.7	13.2	0.3	6.9	0.0	3.1	530.4	495.7	497.0	364.6	513.3	.	472.2
Italy	230	215	25.0	61.0	12.9	1.1	4.6	0.0	0.9	498.8	493.1	488.0	441.2	512.6	.	517.1
Japan	231	230	2.8	29.0	63.1	5.1	0.3	0.0	0.0	583.7	590.6	585.6	575.8	571.1	.	.
Jordan	260	260	64.9	31.3	3.7	0.2	0.0	0.0	0.0	385.1	386.8	381.9	399.9	.	.	.
Kazakhstan	239	238	33.8	61.2	5.0	0.0	0.4	0.0	0.0	548.2	518.6	502.9	.	518.8	.	.
Korea, Rep. of	317	317	27.3	47.3	23.9	1.5	0.0	0.0	0.0	606.3	606.6	605.2	576.6	.	.	.
Kuwait	191	189	65.2	31.4	3.4	0.0	1.4	0.0	0.0	398.7	380.3	381.9	.	401.3	.	.
Lebanon	185	178	71.3	26.6	2.2	0.0	2.8	0.0	1.2	443.4	437.5	452.2	.	460.6	.	431.3
Lithuania	269	257	25.8	55.3	18.1	0.7	4.8	0.0	0.1	517.6	511.4	500.8	456.5	524.4	.	521.3
Malaysia	326	305	40.5	51.0	8.4	0.0	6.2	0.0	0.0	479.4	459.3	441.3	.	455.7	.	.
Malta	224	207	30.1	55.3	14.2	0.4	6.4	0.0	0.9	503.6	498.3	464.3	323.3	480.0	.	509.8
Morocco	373	358	47.6	45.8	6.3	0.2	2.3	0.0	1.7	387.1	381.2	385.5	344.1	384.9	.	394.8
New Zealand	489	466	24.4	48.1	26.1	1.5	3.8	0.0	0.7	505.8	493.2	480.3	521.2	471.8	.	523.9
Norway	239	210	36.4	50.9	12.7	0.0	9.6	0.0	0.3	511.2	514.7	511.3	.	498.8	.	479.7
Oman	356	355	44.1	41.9	11.1	2.9	0.0	0.0	0.0	409.7	401.4	398.4	348.4	.	.	365.0
Qatar	250	245	63.6	34.3	2.1	0.0	0.5	0.0	0.2	436.0	436.2	460.7	.	547.9	.	423.5
Russian Federation	226	225	47.5	28.7	23.1	0.7	0.0	0.0	0.5	542.5	545.8	521.3	484.9	.	.	506.4
Saudi Arabia	149	148	66.7	27.2	6.1	0.0	0.6	0.0	0.0	366.8	371.0	355.2	.	448.5	.	.
Singapore	334	330	13.8	50.3	34.4	1.5	1.7	0.0	0.0	632.4	621.7	615.7	543.9	681.7	.	.
Slovenia	467	430	47.8	44.4	7.8	0.0	5.6	0.0	1.3	516.4	516.6	516.3	.	511.8	.	526.6
South Africa	334	323	56.2	40.5	3.3	0.0	1.1	0.0	2.1	371.2	371.8	387.9	.	415.4	.	367.2
Sweden	206	198	29.2	47.2	23.2	0.3	1.8	0.0	1.0	502.4	503.2	492.8	454.1	510.0	.	516.8
Thailand	205	205	19.9	64.1	15.1	0.8	0.0	0.0	0.0	433.7	433.1	421.2	436.4	.	.	.
Turkey	220	220	34.6	50.0	13.9	1.5	0.0	0.0	0.0	470.1	451.7	452.3	417.5	.	.	.
United Arab Emirates	746	649	52.5	42.2	5.2	0.0	9.4	0.0	1.1	466.2	471.6	429.5	403.1	447.4	.	469.1
United States	429	366	28.4	46.5	23.2	1.9	13.6	0.0	1.0	524.2	521.5	507.8	493.9	516.7	.	517.1
International Avg. (39)	12055	11226	39.3	44.2	15.6	0.8	3.8	0.0	0.7	488.4	481.2	469.4	461.1	490.5	.	472.9
Buenos Aires, Argentina	138	60	42.0	50.7	7.4	0.0	57.3	0.0	0.3	399.8	374.5	437.5	.	400.5	.	471.1
Ontario, Canada	217	180	29.1	52.2	18.7	0.0	13.5	0.0	2.5	520.5	530.7	508.8	.	510.3	.	542.5
Quebec, Canada	175	159	34.1	44.0	21.3	0.6	8.0	0.0	0.0	545.7	556.9	540.7	498.4	475.4	.	.
Norway (8)	239	210	44.8	48.8	6.4	0.0	9.3	0.0	0.4	488.3	488.5	470.8	.	481.9	.	481.9
Abu Dhabi, UAE	207	171	41.7	52.0	6.2	0.1	13.4	0.0	1.1	431.9	455.2	398.6	403.1	439.9	.	444.5
Dubai, UAE	267	243	53.3	42.8	4.0	0.0	5.0	0.0	1.2	513.1	518.8	465.9	.	465.6	.	561.8
Florida, US	110	77	33.5	39.5	25.1	1.8	25.8	0.0	0.9	498.7	519.6	481.3	571.3	468.9	.	337.8

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Showing students a variety of problem solving strategies
Location: TQM-17b (BTBM17B)

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	941	750	33.5	48.9	16.7	0.9	10.6	0.0	1.8	517.5	506.2	504.3	446.0	473.9	.	486.1
Bahrain	201	197	54.2	41.3	4.6	0.0	1.1	0.0	1.0	458.4	449.8	449.8	.	450.8	.	411.4
Botswana	169	156	43.1	45.5	11.4	0.0	5.5	0.0	0.0	400.1	384.5	385.2	.	383.2	.	.
Canada	409	356	43.6	48.8	7.6	0.1	10.7	0.0	1.5	531.8	528.7	529.1	633.1	501.9	.	542.5
Chile	173	151	56.6	40.7	2.7	0.0	9.4	0.0	2.2	432.9	426.0	418.4	.	406.3	.	424.9
Chinese Taipei	216	216	31.1	51.8	15.8	1.3	0.0	0.0	0.0	604.4	604.6	572.6	576.8	.	.	.
Egypt	215	210	42.2	48.0	9.8	0.0	0.8	0.0	2.0	404.2	384.9	375.1	.	431.7	.	385.0
England	215	182	37.2	45.5	15.0	2.3	13.9	0.0	0.0	547.8	506.5	487.6	428.0	524.9	.	.
Georgia	188	186	34.6	57.9	7.5	0.0	0.0	0.0	1.6	457.0	452.3	442.8	.	.	.	451.9
Hong Kong SAR	175	173	25.9	53.4	18.1	2.6	1.8	0.0	0.0	616.5	592.2	575.4	530.7	615.8	.	.
Hungary	278	267	38.9	48.7	12.4	0.0	3.4	0.0	0.8	537.8	500.1	494.7	.	518.2	.	536.1
Iran, Islamic Rep. of	251	251	24.3	48.2	23.5	4.0	0.0	0.0	0.0	457.9	437.0	415.9	418.9	.	.	.
Ireland	526	485	31.1	50.1	16.7	2.0	7.1	0.0	0.0	537.8	524.3	492.1	497.7	535.6	.	.
Israel	603	527	47.7	39.9	10.9	1.5	6.9	0.0	3.1	539.9	497.6	453.1	440.5	513.3	.	472.2
Italy	230	216	29.2	61.0	9.4	0.5	4.6	0.0	0.0	497.6	495.0	470.1	524.5	512.6	.	.
Japan	231	230	3.7	45.6	45.5	5.2	0.3	0.0	0.0	585.0	593.4	581.5	571.2	571.1	.	.
Jordan	260	260	48.1	45.6	6.0	0.4	0.0	0.0	0.0	386.0	386.1	377.1	391.6	.	.	.
Kazakhstan	239	238	43.0	52.5	4.5	0.0	0.4	0.0	0.0	529.5	527.0	521.6	.	518.8	.	.
Korea, Rep. of	317	317	29.0	56.4	14.6	0.1	0.0	0.0	0.0	612.5	605.0	594.8	634.6	.	.	.
Kuwait	191	189	39.5	50.0	10.6	0.0	1.4	0.0	0.0	408.3	384.5	369.7	.	401.3	.	.
Lebanon	185	177	60.1	37.5	2.5	0.0	2.8	0.0	1.7	450.9	427.0	440.1	.	460.6	.	453.2
Lithuania	269	257	45.3	47.5	7.1	0.1	4.8	0.0	0.1	521.6	502.0	500.2	437.9	524.4	.	521.3
Malaysia	326	305	28.6	61.1	9.3	1.0	6.2	0.0	0.0	478.5	467.3	426.1	393.6	455.7	.	.
Malta	224	207	33.2	52.9	13.3	0.6	6.4	0.0	0.9	515.5	492.7	454.4	354.2	480.0	.	509.8
Morocco	373	357	26.5	50.9	22.1	0.5	2.3	0.0	2.5	385.3	385.0	381.2	324.4	384.9	.	400.7
New Zealand	489	465	28.8	49.3	19.1	2.8	3.8	0.0	1.1	512.1	491.1	473.9	472.0	471.8	.	511.3
Norway	239	210	33.8	51.3	14.4	0.4	9.6	0.0	0.3	515.0	512.8	508.9	504.2	498.8	.	479.7
Oman	356	355	50.8	39.9	8.7	0.7	0.0	0.0	0.0	415.6	389.1	390.9	454.8	.	.	365.0
Qatar	250	244	53.5	42.1	4.5	0.0	0.5	0.0	0.3	444.4	427.5	425.9	.	547.9	.	457.9
Russian Federation	226	225	42.4	38.8	17.6	1.2	0.0	0.0	0.5	549.8	534.1	520.8	510.5	.	.	506.4
Saudi Arabia	149	148	28.9	55.9	13.6	1.5	0.6	0.0	0.0	374.0	364.8	365.5	344.2	448.5	.	.
Singapore	334	330	17.9	60.0	21.6	0.5	1.7	0.0	0.0	640.3	622.4	597.3	570.7	681.7	.	.
Slovenia	467	430	53.6	39.8	6.5	0.0	5.6	0.0	1.3	517.3	515.7	514.5	.	511.8	.	526.6
South Africa	334	322	47.5	47.6	4.9	0.0	1.1	0.0	2.4	376.5	365.7	391.9	351.8	415.4	.	363.4
Sweden	206	201	47.7	41.7	10.6	0.0	1.8	0.0	0.0	506.6	495.1	494.7	.	510.0	.	.
Thailand	205	205	22.0	65.4	11.8	0.8	0.0	0.0	0.0	437.0	430.0	428.2	436.4	.	.	.
Turkey	220	220	36.8	52.6	9.8	0.9	0.0	0.0	0.0	472.3	455.7	425.7	312.2	.	.	.
United Arab Emirates	746	650	46.1	45.7	7.9	0.3	9.4	0.0	0.8	476.7	461.3	435.7	415.4	447.4	.	499.6
United States	429	368	44.1	44.1	10.8	1.0	13.6	0.0	0.5	522.8	515.3	512.2	519.4	516.7	.	562.9
International Avg. (39)	12055	11233	38.1	48.8	12.3	0.8	3.8	0.0	0.7	491.7	478.0	466.6	462.8	490.5	.	469.9
Buenos Aires, Argentina	138	60	50.5	44.4	5.1	0.0	57.3	0.0	0.3	391.9	396.0	313.3	.	400.5	.	471.1
Ontario, Canada	217	180	44.7	49.2	6.0	0.1	13.5	0.0	2.5	524.6	522.5	523.7	633.1	510.3	.	542.5
Quebec, Canada	175	159	42.2	47.5	10.3	0.0	8.0	0.0	0.0	551.0	550.1	538.7	.	475.4	.	.
Norway (8)	239	210	38.5	50.4	11.0	0.0	9.3	0.0	0.4	490.6	487.7	473.6	.	481.9	.	481.9
Abu Dhabi, UAE	207	172	37.8	52.4	9.0	0.7	13.4	0.0	0.3	455.3	437.0	410.7	415.4	439.9	.	600.6
Dubai, UAE	267	243	52.8	43.1	4.1	0.0	5.0	0.0	1.2	521.7	511.3	434.7	.	465.6	.	561.8
Florida, US	110	77	49.9	42.0	8.1	0.0	25.8	0.0	0.9	498.4	514.4	484.3	.	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Providing challenging tasks for the highest achieving students
Location: TQM-17c (BTBM17C)

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	941	750	30.0	44.2	24.7	1.1	10.6	0.0	1.8	515.5	515.7	489.3	514.8	473.9	.	486.1
Bahrain	201	197	45.7	44.8	8.8	0.7	1.1	0.0	1.0	457.2	453.7	447.5	413.5	450.8	.	411.4
Botswana	169	155	33.2	42.1	24.2	0.5	5.5	0.0	0.9	399.5	390.0	380.2	397.6	383.2	.	438.2
Canada	409	356	26.4	47.2	24.7	1.7	10.7	0.0	1.5	531.7	531.0	525.1	554.3	501.9	.	542.5
Chile	173	151	40.4	46.3	13.3	0.0	9.4	0.0	2.2	429.9	437.8	401.1	.	406.3	.	424.9
Chinese Taipei	216	216	12.1	44.1	38.1	5.7	0.0	0.0	0.0	604.1	602.9	595.3	584.6	.	.	.
Egypt	215	210	30.5	46.5	17.7	5.3	0.8	0.0	2.0	404.9	389.1	369.9	418.1	431.7	.	385.0
England	215	182	36.1	51.3	12.6	0.0	13.9	0.0	0.0	545.9	506.3	479.5	.	524.9	.	.
Georgia	188	184	19.5	59.6	18.7	2.2	0.0	0.0	3.0	468.1	448.7	459.3	381.5	.	.	460.7
Hong Kong SAR	175	173	8.0	48.2	42.2	1.6	1.8	0.0	0.0	618.5	604.5	580.0	511.9	615.8	.	.
Hungary	278	267	25.2	48.5	22.7	3.5	3.4	0.0	0.8	523.4	511.9	514.0	478.7	518.2	.	536.1
Iran, Islamic Rep. of	251	250	21.9	35.8	32.2	10.1	0.0	0.0	0.3	458.2	438.0	423.3	425.0	.	.	428.0
Ireland	526	484	21.7	53.6	22.4	2.2	7.1	0.0	0.6	539.3	527.8	498.3	478.3	535.6	.	520.6
Israel	603	524	31.1	42.4	24.0	2.5	6.9	0.0	3.2	541.3	513.5	479.4	435.3	513.3	.	473.2
Italy	230	216	15.5	50.9	32.4	1.2	4.6	0.0	0.0	497.5	493.6	491.9	483.3	512.6	.	.
Japan	231	230	7.8	33.7	46.5	12.0	0.3	0.0	0.0	586.6	594.8	583.2	575.8	571.1	.	.
Jordan	260	259	29.2	51.8	18.8	0.2	0.0	0.0	0.6	386.9	382.5	392.0	325.2	.	.	393.6
Kazakhstan	239	238	34.8	61.7	3.6	0.0	0.4	0.0	0.0	531.0	525.1	544.6	.	518.8	.	.
Korea, Rep. of	317	317	23.9	50.0	25.1	1.0	0.0	0.0	0.0	616.2	601.9	603.1	613.4	.	.	.
Kuwait	191	189	37.9	43.0	16.2	2.9	1.4	0.0	0.0	410.1	382.4	376.0	398.6	401.3	.	.
Lebanon	185	178	28.2	47.9	21.5	2.4	2.8	0.0	1.3	453.5	442.2	427.2	437.4	460.6	.	433.9
Lithuania	269	257	35.8	54.9	9.0	0.3	4.8	0.0	0.1	522.6	504.5	503.8	419.9	524.4	.	521.3
Malaysia	326	304	10.4	46.9	36.9	5.8	6.2	0.0	0.0	511.4	473.4	447.5	441.8	455.7	.	535.3
Malta	224	207	23.7	42.7	30.6	3.0	6.4	0.0	0.9	521.8	483.7	499.0	378.7	480.0	.	509.8
Morocco	373	357	21.6	36.6	36.0	5.8	2.3	0.0	2.0	384.2	385.8	384.2	372.9	384.9	.	396.4
New Zealand	489	466	23.1	48.7	27.8	0.4	3.8	0.0	0.7	513.7	488.3	483.9	580.5	471.8	.	523.9
Norway	239	210	30.7	54.4	14.8	0.0	9.6	0.0	0.3	511.0	513.1	516.7	.	498.8	.	479.7
Oman	356	354	46.8	42.5	10.5	0.2	0.0	0.0	0.3	411.4	402.7	369.9	371.0	.	.	359.4
Qatar	250	244	42.7	43.5	13.2	0.6	0.5	0.0	0.3	448.0	429.3	423.3	428.9	547.9	.	457.9
Russian Federation	226	225	36.4	27.6	35.2	0.7	0.0	0.0	0.5	545.0	540.2	530.2	493.6	.	.	506.4
Saudi Arabia	149	147	30.3	50.1	18.6	1.0	0.6	0.0	0.3	375.1	363.4	366.1	364.2	448.5	.	305.3
Singapore	334	330	11.4	46.4	39.4	2.9	1.7	0.0	0.0	640.7	623.7	609.0	625.9	681.7	.	.
Slovenia	467	430	48.8	43.8	7.2	0.2	5.6	0.0	1.3	519.8	514.9	504.9	464.7	511.8	.	526.6
South Africa	334	322	31.1	41.2	25.1	2.6	1.1	0.0	2.2	373.4	376.8	361.4	379.4	415.4	.	368.0
Sweden	206	201	29.7	48.8	21.0	0.6	1.8	0.0	0.0	504.0	502.4	490.6	530.7	510.0	.	.
Thailand	205	205	8.2	44.6	43.4	3.8	0.0	0.0	0.0	449.7	430.4	430.8	410.9	.	.	.
Turkey	220	220	19.2	41.6	33.5	5.7	0.0	0.0	0.0	464.1	462.7	450.6	440.3	.	.	.
United Arab Emirates	746	650	41.9	47.3	10.8	0.1	9.4	0.0	0.8	476.3	461.0	450.9	386.6	447.4	.	499.6
United States	429	368	29.0	46.4	22.3	2.3	13.6	0.0	0.5	531.9	512.9	511.1	525.8	516.7	.	562.9
International Avg. (39)	12055	11223	27.7	46.2	23.7	2.4	3.8	0.0	0.8	492.9	481.1	471.6	458.4	490.5	.	462.5
Buenos Aires, Argentina	138	60	21.2	54.9	18.6	5.3	57.3	0.0	0.3	444.2	361.6	413.0	380.9	400.5	.	471.1
Ontario, Canada	217	180	29.1	45.7	24.8	0.4	13.5	0.0	2.5	528.8	522.0	521.0	497.3	510.3	.	542.5
Quebec, Canada	175	159	22.0	48.5	25.0	4.5	8.0	0.0	0.0	550.7	551.8	540.9	562.0	475.4	.	.
Norway (8)	239	210	32.7	49.5	16.6	1.3	9.3	0.0	0.4	489.1	485.6	485.9	522.5	481.9	.	481.9
Abu Dhabi, UAE	207	172	32.9	57.2	9.8	0.0	13.4	0.0	0.3	448.1	442.7	411.1	437.1	439.9	.	600.6
Dubai, UAE	267	243	50.7	42.4	6.9	0.0	5.0	0.0	1.2	516.3	511.5	507.5	.	465.6	.	561.8
Florida, US	110	77	30.8	46.6	20.0	2.6	25.8	0.0	0.9	497.5	521.6	479.3	453.8	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Adapting my teaching to engage students' interest
Location: TQM-17d (BTBM17D)

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	941	749	20.0	56.9	20.4	2.8	10.6	0.0	2.1	514.0	506.5	512.9	497.2	473.9	.	493.4
Bahrain	201	197	50.3	45.1	4.6	0.0	1.1	0.0	1.0	450.6	457.1	470.4	.	450.8	.	411.4
Botswana	169	156	35.8	53.0	10.2	1.0	5.5	0.0	0.0	395.9	391.4	376.8	364.5	383.2	.	.
Canada	409	356	30.6	54.0	15.0	0.3	10.7	0.0	1.5	530.7	532.4	519.1	605.1	501.9	.	542.5
Chile	173	151	51.3	42.3	6.4	0.0	9.4	0.0	2.2	429.8	433.4	405.1	.	406.3	.	424.9
Chinese Taipei	216	216	18.2	53.9	27.9	0.0	0.0	0.0	0.0	591.1	608.2	586.7	.	.	.	.
Egypt	215	209	32.1	55.5	11.9	0.6	0.8	0.0	2.7	401.7	392.5	364.6	331.7	431.7	.	396.2
England	215	182	21.0	53.9	25.1	0.0	13.9	0.0	0.0	536.4	518.2	498.8	.	524.9	.	.
Georgia	188	185	19.9	63.2	17.0	0.0	0.0	0.0	2.2	449.5	455.1	447.2	.	.	.	476.1
Hong Kong SAR	175	173	11.8	55.1	31.5	1.6	1.8	0.0	0.0	600.2	592.6	591.4	637.9	615.8	.	.
Hungary	278	267	20.9	58.4	19.6	1.1	3.4	0.0	0.8	536.2	506.1	517.0	471.3	518.2	.	536.1
Iran, Islamic Rep. of	251	251	33.4	49.7	15.1	1.8	0.0	0.0	0.0	437.4	437.3	432.0	426.8	.	.	.
Ireland	526	483	28.2	53.9	17.0	0.9	7.1	0.0	0.1	519.8	525.0	518.2	564.6	535.6	.	415.6
Israel	603	526	40.8	51.5	7.7	0.0	6.9	0.0	3.3	526.3	505.2	485.8	531.0	513.3	.	467.4
Italy	230	215	21.1	64.5	14.4	0.0	4.6	0.0	0.7	505.0	489.0	496.9	.	512.6	.	491.3
Japan	231	230	8.8	44.8	40.7	5.7	0.3	0.0	0.0	579.7	591.9	584.2	571.4	571.1	.	.
Jordan	260	257	32.2	56.4	11.4	0.0	0.0	0.0	1.2	391.2	379.1	392.9	.	.	.	461.7
Kazakhstan	239	237	28.9	63.5	7.6	0.0	0.4	0.0	0.4	546.3	519.5	529.3	.	518.8	.	486.4
Korea, Rep. of	317	317	25.0	50.6	23.4	1.1	0.0	0.0	0.0	601.6	609.4	604.7	551.1	.	.	.
Kuwait	191	187	41.0	53.1	5.8	0.0	1.4	0.0	1.5	404.5	383.5	393.8	.	401.3	.	366.2
Lebanon	185	176	42.3	48.3	9.4	0.0	2.8	0.0	2.2	444.1	437.7	454.4	.	460.6	.	438.2
Lithuania	269	257	25.8	58.0	15.3	1.0	4.8	0.0	0.1	531.1	505.4	496.1	511.1	524.4	.	521.3
Malaysia	326	305	25.0	61.3	12.6	1.1	6.2	0.0	0.0	480.3	455.1	483.6	542.3	455.7	.	.
Malta	224	207	30.4	57.5	11.5	0.6	6.4	0.0	0.9	499.0	493.1	483.1	582.6	480.0	.	509.8
Morocco	373	358	21.8	54.3	23.6	0.3	2.3	0.0	1.7	390.4	382.9	382.2	310.8	384.9	.	394.8
New Zealand	489	466	21.5	50.7	27.6	0.2	3.8	0.0	0.7	500.3	500.9	474.1	466.0	471.8	.	523.9
Norway	239	210	13.7	52.2	34.1	0.0	9.6	0.0	0.3	518.2	510.7	514.3	.	498.8	.	479.7
Oman	356	354	47.4	47.1	5.5	0.0	0.0	0.0	0.5	410.0	396.9	397.3	.	.	.	411.1
Qatar	250	244	42.2	53.0	4.8	0.0	0.5	0.0	0.3	443.5	431.6	428.5	.	547.9	.	457.9
Russian Federation	226	225	23.3	41.0	32.2	3.5	0.0	0.0	0.5	540.8	540.2	531.6	556.8	.	.	506.4
Saudi Arabia	149	146	33.5	46.7	19.7	0.0	0.6	0.0	2.2	378.4	369.2	351.2	.	448.5	.	302.3
Singapore	334	330	11.2	59.4	29.4	0.0	1.7	0.0	0.0	642.1	621.9	607.6	.	681.7	.	.
Slovenia	467	430	39.9	50.8	9.4	0.0	5.6	0.0	1.3	515.8	515.7	523.5	.	511.8	.	526.6
South Africa	334	323	37.6	51.6	10.4	0.3	1.1	0.0	2.1	371.8	371.6	375.3	362.1	415.4	.	367.2
Sweden	206	201	15.6	50.9	32.1	1.4	1.8	0.0	0.0	514.4	500.1	494.2	508.9	510.0	.	.
Thailand	205	205	18.8	62.3	18.1	0.8	0.0	0.0	0.0	430.4	431.3	432.7	436.4	.	.	.
Turkey	220	220	32.1	49.8	17.1	1.0	0.0	0.0	0.0	468.4	455.2	448.2	394.6	.	.	.
United Arab Emirates	746	648	45.1	47.7	7.3	0.0	9.4	0.0	1.4	469.1	465.4	456.8	.	447.4	.	473.6
United States	429	367	25.5	46.7	25.5	2.2	13.6	0.0	0.9	516.7	523.9	511.4	513.0	516.7	.	510.4
International Avg. (39)	12055	11216	28.8	53.0	17.4	0.8	3.8	0.0	0.9	487.5	480.6	476.3	488.1	490.5	.	459.0
Buenos Aires, Argentina	138	60	37.0	57.0	5.5	0.4	57.3	0.0	0.3	408.6	376.9	398.4	356.1	400.5	.	471.1
Ontario, Canada	217	180	31.1	53.6	15.3	0.0	13.5	0.0	2.5	528.4	524.0	512.5	.	510.3	.	542.5
Quebec, Canada	175	159	32.3	54.1	12.6	0.9	8.0	0.0	0.0	543.3	552.2	547.8	605.1	475.4	.	.
Norway (8)	239	210	17.4	55.8	26.4	0.4	9.3	0.0	0.4	489.0	487.8	484.5	524.6	481.9	.	481.9
Abu Dhabi, UAE	207	171	34.9	51.8	13.4	0.0	13.4	0.0	0.9	440.7	444.0	435.8	.	439.9	.	459.3
Dubai, UAE	267	242	44.4	52.6	2.9	0.0	5.0	0.0	2.5	518.0	511.6	505.1	.	465.6	.	514.4
Florida, US	110	77	37.3	44.8	16.6	1.3	25.8	0.0	0.9	480.9	520.0	514.1	481.8	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Helping students appreciate the value of learning mathematics
Location: TQM-17e (BTBM17E)

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	941	748	23.1	55.6	20.2	1.2	10.6	0.0	2.1	519.9	508.2	501.2	470.2	473.9	.	493.4
Bahrain	201	197	47.7	48.1	4.2	0.0	1.1	0.0	1.0	457.1	450.5	469.1	.	450.8	.	411.4
Botswana	169	156	55.2	40.2	4.7	0.0	5.5	0.0	0.0	392.6	390.4	383.2	.	383.2	.	.
Canada	409	356	29.4	52.0	17.8	0.8	10.7	0.0	1.5	529.2	530.7	527.9	574.0	501.9	.	542.5
Chile	173	151	56.2	39.1	4.7	0.0	9.4	0.0	2.2	432.8	423.5	444.3	.	406.3	.	424.9
Chinese Taipei	216	216	13.6	48.1	36.8	1.4	0.0	0.0	0.0	597.5	607.6	589.1	587.6	.	.	.
Egypt	215	210	49.5	43.3	7.2	0.0	0.8	0.0	2.0	400.6	390.0	345.8	.	431.7	.	385.0
England	215	182	23.9	52.6	22.6	0.9	13.9	0.0	0.0	535.1	514.3	507.4	455.1	524.9	.	.
Georgia	188	184	39.1	56.1	4.8	0.0	0.0	0.0	2.4	460.0	448.9	432.9	.	.	.	482.8
Hong Kong SAR	175	173	8.5	47.8	36.6	7.1	1.8	0.0	0.0	625.3	596.3	583.9	591.1	615.8	.	.
Hungary	278	267	28.5	53.1	17.2	1.1	3.4	0.0	0.8	528.8	511.5	500.6	471.3	518.2	.	536.1
Iran, Islamic Rep. of	251	251	43.8	48.3	7.9	0.0	0.0	0.0	0.0	442.7	433.1	420.8	.	.	.	.
Ireland	526	483	27.1	53.4	17.7	1.7	7.1	0.0	0.3	526.5	530.4	494.0	522.6	535.6	.	471.6
Israel	603	524	40.8	47.1	11.2	0.9	6.9	0.0	3.3	528.7	500.1	499.6	536.3	513.3	.	473.7
Italy	230	214	26.9	57.9	15.2	0.0	4.6	0.0	1.2	493.0	489.4	508.8	.	512.6	.	509.3
Japan	231	230	7.7	36.4	46.7	9.2	0.3	0.0	0.0	592.4	588.0	587.2	572.0	571.1	.	.
Jordan	260	259	47.0	45.1	6.6	1.3	0.0	0.0	0.5	383.4	388.5	385.0	349.8	.	.	414.8
Kazakhstan	239	238	42.5	56.6	0.8	0.0	0.4	0.0	0.0	523.6	532.1	456.3	.	518.8	.	.
Korea, Rep. of	317	317	29.8	54.0	15.8	0.4	0.0	0.0	0.0	611.0	604.8	599.2	600.8	.	.	.
Kuwait	191	189	42.4	52.8	4.8	0.0	1.4	0.0	0.0	397.5	387.7	397.8	.	401.3	.	.
Lebanon	185	176	48.3	44.5	7.2	0.0	2.8	0.0	2.2	441.8	438.2	466.5	.	460.6	.	438.2
Lithuania	269	257	33.2	52.0	12.9	1.8	4.8	0.0	0.1	525.3	506.5	492.1	493.0	524.4	.	521.3
Malaysia	326	305	27.8	59.7	11.8	0.6	6.2	0.0	0.0	477.8	462.5	451.5	545.4	455.7	.	.
Malta	224	206	34.1	51.5	14.1	0.4	6.4	0.0	1.3	500.1	495.5	479.6	323.2	480.0	.	514.3
Morocco	373	357	31.1	58.7	9.7	0.5	2.3	0.0	2.1	392.2	379.7	388.1	347.8	384.9	.	392.0
New Zealand	489	464	21.0	54.3	21.2	3.5	3.8	0.0	1.3	510.8	491.7	481.9	483.0	471.8	.	510.6
Norway	239	210	25.2	47.1	25.8	1.9	9.6	0.0	0.3	513.9	512.8	513.1	502.5	498.8	.	479.7
Oman	356	354	49.2	45.5	5.3	0.0	0.0	0.0	0.4	412.0	393.0	406.3	.	.	.	426.0
Qatar	250	244	51.2	43.6	5.2	0.0	0.5	0.0	0.3	437.2	437.8	417.7	.	547.9	.	457.9
Russian Federation	226	225	35.8	39.3	24.9	0.0	0.0	0.0	0.5	539.1	538.9	535.6	.	.	.	506.4
Saudi Arabia	149	146	41.9	47.5	9.0	1.5	0.6	0.0	2.2	376.0	364.8	359.8	344.2	448.5	.	302.3
Singapore	334	330	11.3	51.0	37.7	0.0	1.7	0.0	0.0	620.9	630.0	605.9	.	681.7	.	.
Slovenia	467	430	38.1	48.5	13.4	0.0	5.6	0.0	1.3	514.3	518.8	514.1	.	511.8	.	526.6
South Africa	334	323	50.0	40.9	9.0	0.0	1.1	0.0	2.1	368.6	367.9	409.1	.	415.4	.	367.2
Sweden	206	201	17.1	56.6	25.3	1.1	1.8	0.0	0.0	511.4	497.3	499.7	522.2	510.0	.	.
Thailand	205	205	15.9	61.8	20.3	2.1	0.0	0.0	0.0	416.8	434.9	432.9	425.3	.	.	.
Turkey	220	220	32.8	52.2	14.6	0.4	0.0	0.0	0.0	461.3	457.4	453.5	335.2	.	.	.
United Arab Emirates	746	649	56.0	37.6	6.4	0.0	9.4	0.0	1.0	464.1	473.5	445.8	.	447.4	.	475.4
United States	429	367	27.1	46.9	24.1	1.9	13.6	0.0	0.9	517.5	527.6	504.1	497.9	516.7	.	510.4
International Avg. (39)	12055	11214	34.1	49.4	15.4	1.1	3.8	0.0	0.9	486.6	480.9	474.1	479.6	490.5	.	463.0
Buenos Aires, Argentina	138	60	42.6	52.6	4.8	0.0	57.3	0.0	0.3	396.4	379.8	439.1	.	400.5	.	471.1
Ontario, Canada	217	180	31.2	53.1	15.3	0.4	13.5	0.0	2.5	525.5	523.9	518.3	547.0	510.3	.	542.5
Quebec, Canada	175	159	25.3	52.9	20.2	1.6	8.0	0.0	0.0	549.6	548.6	547.9	585.6	475.4	.	.
Norway (8)	239	210	23.4	57.2	18.3	1.0	9.3	0.0	0.4	491.5	487.1	482.8	481.6	481.9	.	481.9
Abu Dhabi, UAE	207	171	45.6	43.8	10.6	0.0	13.4	0.0	0.9	432.1	455.6	426.0	.	439.9	.	459.3
Dubai, UAE	267	243	53.8	41.5	4.7	0.0	5.0	0.0	1.2	513.4	516.3	492.8	.	465.6	.	561.8
Florida, US	110	77	32.3	33.0	30.3	4.3	25.8	0.0	0.9	497.6	507.0	514.5	453.9	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Assessing student comprehension of mathematics
Location: TQM-17f (BTBM17F)

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	941	749	34.8	51.7	12.7	0.8	10.6	0.0	1.8	514.1	508.8	497.2	508.2	473.9	.	485.7
Bahrain	201	197	41.4	50.6	7.4	0.6	1.1	0.0	1.0	464.8	448.2	440.0	439.8	450.8	.	411.4
Botswana	169	156	29.6	55.0	13.7	1.7	5.5	0.0	0.0	397.4	388.8	385.8	409.4	383.2	.	.
Canada	409	355	41.9	51.2	6.9	0.0	10.7	0.0	1.5	534.8	528.5	514.1	.	501.9	.	541.1
Chile	173	151	46.9	47.6	5.5	0.0	9.4	0.0	2.2	434.0	429.3	396.5	.	406.3	.	424.9
Chinese Taipei	216	216	12.4	68.9	18.6	0.0	0.0	0.0	0.0	613.8	601.1	581.9	.	.	.	.
Egypt	215	210	26.4	48.8	23.7	1.1	0.8	0.0	2.0	403.0	393.4	381.3	298.9	431.7	.	385.0
England	215	182	31.4	55.8	12.8	0.0	13.9	0.0	0.0	529.7	513.1	504.3	.	524.9	.	.
Georgia	188	185	33.9	58.4	7.7	0.0	0.0	0.0	2.0	460.7	451.1	429.6	.	.	.	478.8
Hong Kong SAR	175	173	14.3	65.9	17.7	2.1	1.8	0.0	0.0	627.8	590.5	579.8	586.4	615.8	.	.
Hungary	278	267	29.2	57.2	13.6	0.0	3.4	0.0	0.8	535.9	501.6	520.0	.	518.2	.	536.1
Iran, Islamic Rep. of	251	251	22.4	44.0	30.4	3.2	0.0	0.0	0.0	460.2	439.2	415.8	425.9	.	.	.
Ireland	526	485	38.0	53.9	8.1	0.0	7.1	0.0	0.0	534.8	519.3	487.0	.	535.6	.	.
Israel	603	525	42.9	49.1	7.7	0.4	6.9	0.0	3.2	538.8	501.8	435.0	426.2	513.3	.	468.4
Italy	230	215	16.5	70.7	12.8	0.0	4.6	0.0	0.4	508.9	490.9	487.4	.	512.6	.	523.1
Japan	231	229	6.2	42.1	50.2	1.6	0.3	0.0	0.5	570.2	586.8	588.4	565.7	571.1	.	645.5
Jordan	260	259	23.5	49.9	25.3	1.4	0.0	0.0	0.7	388.6	387.3	383.4	302.1	.	.	401.8
Kazakhstan	239	238	34.8	60.2	5.0	0.0	0.4	0.0	0.0	531.5	527.0	512.2	.	518.8	.	.
Korea, Rep. of	317	317	25.6	60.2	14.1	0.1	0.0	0.0	0.0	607.1	607.2	598.6	436.6	.	.	.
Kuwait	191	189	27.0	49.4	22.3	1.2	1.4	0.0	0.0	409.7	391.5	376.3	337.8	401.3	.	.
Lebanon	185	176	50.6	44.0	5.5	0.0	2.8	0.0	2.2	442.3	440.9	447.9	.	460.6	.	438.2
Lithuania	269	257	31.0	57.2	11.1	0.7	4.8	0.0	0.1	518.9	510.4	491.4	465.5	524.4	.	521.3
Malaysia	326	305	25.4	64.0	10.3	0.3	6.2	0.0	0.0	485.5	462.3	443.5	361.5	455.7	.	.
Malta	224	207	32.5	57.1	10.3	0.0	6.4	0.0	0.9	511.0	490.7	461.8	.	480.0	.	509.8
Morocco	373	356	19.2	49.7	25.5	5.6	2.3	0.0	2.2	392.8	383.3	382.6	369.3	384.9	.	392.6
New Zealand	489	463	27.5	53.3	17.4	1.8	3.8	0.0	1.3	499.9	495.4	480.1	456.0	471.8	.	514.2
Norway	239	210	27.1	58.7	13.7	0.5	9.6	0.0	0.3	513.5	514.9	504.1	500.8	498.8	.	479.7
Oman	356	350	31.4	54.8	13.1	0.8	0.0	0.0	1.6	409.1	403.5	390.0	351.5	.	.	409.3
Qatar	250	244	53.9	37.6	6.7	1.8	0.5	0.0	0.3	438.8	442.6	401.4	369.8	547.9	.	457.9
Russian Federation	226	224	32.8	32.0	34.8	0.4	0.0	0.0	1.0	536.4	545.0	534.2	519.1	.	.	505.0
Saudi Arabia	149	144	15.8	50.0	33.0	1.1	0.6	0.0	4.7	378.3	374.1	357.0	364.2	448.5	.	332.2
Singapore	334	330	16.8	64.4	18.5	0.3	1.7	0.0	0.0	637.7	620.6	600.0	697.4	681.7	.	.
Slovenia	467	430	34.8	54.2	10.8	0.2	5.6	0.0	1.3	517.5	517.4	508.4	527.3	511.8	.	526.6
South Africa	334	323	33.4	52.9	13.3	0.4	1.1	0.0	2.1	370.4	379.0	348.0	370.0	415.4	.	367.2
Sweden	206	201	36.1	55.1	8.6	0.1	1.8	0.0	0.0	510.0	495.2	496.3	437.8	510.0	.	.
Thailand	205	205	16.3	67.2	14.8	1.7	0.0	0.0	0.0	442.3	433.4	409.7	435.7	.	.	.
Turkey	220	219	26.2	63.1	9.5	1.2	0.0	0.0	0.4	471.7	458.8	416.6	403.5	.	.	479.4
United Arab Emirates	746	646	37.6	54.3	7.8	0.2	9.4	0.0	1.3	471.5	465.7	447.1	410.5	447.4	.	484.8
United States	429	368	41.6	46.4	11.6	0.5	13.6	0.0	0.5	524.7	516.0	506.0	479.5	516.7	.	562.9
International Avg. (39)	12055	11207	30.0	54.0	15.2	0.8	3.8	0.0	0.9	490.7	480.9	465.1	437.7	490.5	.	472.4
Buenos Aires, Argentina	138	59	41.3	47.0	11.7	0.0	57.3	0.0	0.4	397.2	387.5	372.4	.	400.5	.	444.6
Ontario, Canada	217	180	37.0	56.0	6.9	0.0	13.5	0.0	2.5	526.8	523.4	508.1	.	510.3	.	542.5
Quebec, Canada	175	158	51.6	42.8	5.6	0.0	8.0	0.0	0.1	552.7	547.0	536.4	.	475.4	.	483.5
Norway (8)	239	210	25.2	55.1	18.0	1.7	9.3	0.0	0.4	490.3	486.6	486.1	478.2	481.9	.	481.9
Abu Dhabi, UAE	207	171	32.6	58.4	8.3	0.7	13.4	0.0	0.9	449.3	440.1	425.9	410.5	439.9	.	459.3
Dubai, UAE	267	241	42.8	52.6	4.7	0.0	5.0	0.0	1.8	515.5	514.1	490.9	.	465.6	.	548.9
Florida, US	110	77	48.8	41.4	9.8	0.0	25.8	0.0	0.9	494.7	521.7	474.9	.	468.9	.	337.8

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Improving the understanding of struggling students
Location: TQM-17g (BTBM17G)

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	941	749	25.9	47.2	25.8	1.0	10.6	0.0	2.1	509.4	511.1	505.1	501.3	473.9	.	493.4
Bahrain	201	197	35.8	46.8	16.6	0.7	1.1	0.0	1.0	464.5	455.9	430.5	413.5	450.8	.	411.4
Botswana	169	156	19.8	48.2	31.0	1.1	5.5	0.0	0.0	404.3	390.7	383.9	393.4	383.2	.	.
Canada	409	354	22.8	58.6	18.1	0.5	10.7	0.0	2.5	538.3	532.1	512.8	582.5	501.9	.	533.2
Chile	173	151	31.4	44.8	22.8	0.9	9.4	0.0	2.2	439.3	426.4	424.5	390.2	406.3	.	424.9
Chinese Taipei	216	216	10.7	51.2	33.2	5.0	0.0	0.0	0.0	608.3	598.1	596.6	606.7	.	.	.
Egypt	215	209	12.7	42.6	42.3	2.4	0.8	0.0	2.3	397.0	403.4	381.9	345.8	431.7	.	386.0
England	215	182	27.7	52.3	18.4	1.6	13.9	0.0	0.0	520.1	524.6	488.3	558.2	524.9	.	.
Georgia	188	183	12.8	59.7	26.9	0.6	0.0	0.0	2.5	467.2	451.7	451.1	328.1	.	.	472.2
Hong Kong SAR	175	173	12.6	57.3	29.3	0.8	1.8	0.0	0.0	625.1	596.3	575.5	598.5	615.8	.	.
Hungary	278	267	21.5	53.8	24.7	0.0	3.4	0.0	0.8	524.5	512.0	509.5	.	518.2	.	536.1
Iran, Islamic Rep. of	251	250	33.0	41.2	23.8	2.1	0.0	0.0	0.7	454.5	433.9	417.6	412.9	.	.	435.0
Ireland	526	484	29.2	52.4	17.3	1.1	7.1	0.0	0.1	526.7	522.8	515.3	525.1	535.6	.	415.6
Israel	603	524	36.8	50.2	12.9	0.0	6.9	0.0	3.5	529.5	511.1	467.0	531.0	513.3	.	473.1
Italy	230	216	14.1	60.6	25.3	0.0	4.6	0.0	0.0	509.2	489.8	493.7	475.9	512.6	.	.
Japan	231	230	5.2	49.1	42.3	3.4	0.3	0.0	0.0	584.6	589.1	583.8	585.8	571.1	.	.
Jordan	260	257	15.7	45.4	34.2	4.7	0.0	0.0	1.1	379.4	389.5	386.6	358.2	.	.	395.4
Kazakhstan	239	237	21.4	61.4	17.2	0.0	0.4	0.0	0.4	536.5	528.5	516.6	.	518.8	.	448.7
Korea, Rep. of	317	317	24.4	58.6	16.0	1.0	0.0	0.0	0.0	608.3	607.2	598.0	580.1	.	.	.
Kuwait	191	188	24.3	50.8	24.1	0.8	1.4	0.0	0.1	412.5	391.7	375.2	346.9	401.3	.	363.5
Lebanon	185	174	47.2	34.6	16.9	1.3	2.8	0.0	3.4	442.7	446.1	433.7	402.3	460.6	.	444.2
Lithuania	269	256	26.4	57.9	14.7	1.1	4.8	0.0	0.1	511.4	511.2	509.3	484.5	524.4	.	498.9
Malaysia	326	305	27.2	62.6	9.2	1.1	6.2	0.0	0.0	486.6	456.6	478.6	384.3	455.7	.	.
Malta	224	206	26.3	52.8	19.9	0.9	6.4	0.0	1.5	499.9	494.6	484.0	533.2	480.0	.	507.3
Morocco	373	355	11.3	35.7	44.4	8.6	2.3	0.0	2.3	396.9	386.4	380.8	375.4	384.9	.	392.5
New Zealand	489	465	21.3	48.0	27.8	2.8	3.8	0.0	0.8	510.4	485.0	493.4	503.7	471.8	.	527.6
Norway	239	210	14.7	46.1	39.2	0.0	9.6	0.0	0.3	513.6	512.0	513.9	.	498.8	.	479.7
Oman	356	354	20.9	47.2	29.5	2.3	0.0	0.0	0.3	415.2	406.8	390.3	382.9	.	.	424.4
Qatar	250	243	46.2	45.3	8.5	0.0	0.5	0.0	0.4	445.9	435.8	388.8	.	547.9	.	460.8
Russian Federation	226	223	29.7	40.7	28.7	0.8	0.0	0.0	1.4	547.9	534.8	533.6	546.7	.	.	506.5
Saudi Arabia	149	145	22.4	42.4	30.1	5.1	0.6	0.0	2.6	380.1	372.9	361.2	330.8	448.5	.	307.5
Singapore	334	330	13.4	58.3	27.7	0.6	1.7	0.0	0.0	633.9	628.5	597.6	501.4	681.7	.	.
Slovenia	467	430	32.3	49.1	18.4	0.2	5.6	0.0	1.3	513.4	520.2	511.8	527.3	511.8	.	526.6
South Africa	334	323	30.0	50.8	18.5	0.7	1.1	0.0	2.1	373.9	374.6	361.8	367.3	415.4	.	367.2
Sweden	206	200	18.9	52.9	27.8	0.5	1.8	0.0	0.4	507.6	501.8	493.3	459.7	510.0	.	555.6
Thailand	205	205	20.7	66.1	12.4	0.8	0.0	0.0	0.0	436.0	432.4	418.1	436.4	.	.	.
Turkey	220	219	45.1	48.6	5.9	0.4	0.0	0.0	0.4	470.0	453.3	416.0	335.2	.	.	338.9
United Arab Emirates	746	649	35.6	53.2	10.9	0.3	9.4	0.0	0.9	474.1	466.3	438.5	489.6	447.4	.	513.3
United States	429	368	30.6	44.3	24.6	0.5	13.6	0.0	0.5	523.1	516.3	516.6	479.5	516.7	.	562.9
International Avg. (39)	12055	11200	24.6	50.5	23.5	1.4	3.8	0.0	1.0	490.3	482.1	470.1	459.3	490.5	.	455.3
Buenos Aires, Argentina	138	60	49.0	39.9	10.7	0.4	57.3	0.0	0.3	387.6	384.8	419.3	356.1	400.5	.	471.1
Ontario, Canada	217	179	18.4	58.1	23.5	0.0	13.5	0.0	4.1	528.2	527.2	511.5	.	510.3	.	533.9
Quebec, Canada	175	158	30.7	58.5	9.4	1.4	8.0	0.0	0.1	555.1	549.5	525.6	582.5	475.4	.	483.5
Norway (8)	239	210	16.6	52.7	28.3	2.4	9.3	0.0	0.4	490.4	487.3	485.6	485.6	481.9	.	481.9
Abu Dhabi, UAE	207	172	29.5	54.3	15.6	0.6	13.4	0.0	0.3	447.4	438.3	438.0	510.7	439.9	.	600.6
Dubai, UAE	267	242	37.3	55.0	7.7	0.0	5.0	0.0	1.6	522.0	511.2	485.2	.	465.6	.	574.0
Florida, US	110	77	34.5	53.1	10.1	2.3	25.8	0.0	0.9	481.4	521.2	496.4	475.3	468.9	.	337.8

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Making mathematics relevant to students
Location: TQM-17h (BTBM17H)

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	941	748	20.0	50.4	28.6	0.9	10.6	0.0	2.1	511.3	509.1	507.5	504.7	473.9	.	493.5
Bahrain	201	197	37.5	51.9	10.2	0.5	1.1	0.0	1.0	460.4	450.1	450.8	533.4	450.8	.	411.4
Botswana	169	156	48.3	45.2	6.5	0.0	5.5	0.0	0.0	397.6	385.5	384.6	.	383.2	.	.
Canada	409	354	25.5	56.4	17.5	0.6	10.7	0.0	2.5	528.7	532.8	524.9	514.7	501.9	.	533.2
Chile	173	151	49.5	45.9	4.6	0.0	9.4	0.0	2.2	437.7	422.8	412.2	.	406.3	.	424.9
Chinese Taipei	216	216	6.5	37.7	52.6	3.3	0.0	0.0	0.0	594.2	603.7	597.2	586.4	.	.	.
Egypt	215	210	33.6	47.7	18.2	0.5	0.8	0.0	2.0	391.6	398.0	378.8	335.2	431.7	.	385.0
England	215	182	19.6	41.8	35.1	3.5	13.9	0.0	0.0	530.5	521.1	512.5	441.4	524.9	.	.
Georgia	188	184	19.6	64.3	16.1	0.0	0.0	0.0	2.5	458.6	453.3	444.8	.	.	.	462.9
Hong Kong SAR	175	173	7.6	42.5	46.9	2.9	1.8	0.0	0.0	605.1	603.1	585.9	557.8	615.8	.	.
Hungary	278	267	18.9	55.3	23.9	1.9	3.4	0.0	0.8	528.3	514.7	503.4	491.2	518.2	.	536.1
Iran, Islamic Rep. of	251	251	26.5	43.3	28.4	1.8	0.0	0.0	0.0	441.8	438.3	426.1	472.7	.	.	.
Ireland	526	483	28.5	54.0	17.0	0.4	7.1	0.0	0.1	526.8	523.1	513.0	567.4	535.6	.	482.9
Israel	603	526	37.9	47.2	14.2	0.7	6.9	0.0	3.1	526.1	502.4	509.1	462.7	513.3	.	472.2
Italy	230	215	23.7	49.4	25.9	1.1	4.6	0.0	0.4	497.2	492.9	493.0	441.2	512.6	.	523.1
Japan	231	230	2.4	29.3	58.9	9.4	0.3	0.0	0.0	574.9	585.9	588.9	576.3	571.1	.	.
Jordan	260	260	28.5	55.9	14.8	0.8	0.0	0.0	0.0	387.6	384.2	386.3	398.3	.	.	.
Kazakhstan	239	237	32.1	62.7	5.2	0.0	0.4	0.0	0.4	544.3	520.0	526.3	.	518.8	.	448.7
Korea, Rep. of	317	317	18.9	46.5	32.6	2.0	0.0	0.0	0.0	603.9	603.8	610.6	589.3	.	.	.
Kuwait	191	188	29.6	51.9	17.4	1.1	1.4	0.0	0.4	412.4	390.7	365.8	347.6	401.3	.	397.1
Lebanon	185	174	46.9	47.2	5.9	0.0	2.8	0.0	3.5	441.8	439.5	457.5	.	460.6	.	448.2
Lithuania	269	256	51.3	45.8	2.9	0.0	4.8	0.0	0.8	517.5	503.8	497.1	.	524.4	.	513.1
Malaysia	326	305	28.9	58.7	12.4	0.0	6.2	0.0	0.0	482.6	462.7	442.4	.	455.7	.	.
Malta	224	207	27.4	53.8	18.0	0.8	6.4	0.0	0.9	490.0	497.8	496.4	365.2	480.0	.	509.8
Morocco	373	357	17.4	47.5	31.6	3.5	2.3	0.0	1.9	395.5	381.1	385.0	361.9	384.9	.	396.5
New Zealand	489	465	18.5	49.3	29.0	3.2	3.8	0.0	0.8	509.4	489.5	489.5	492.1	471.8	.	527.6
Norway	239	210	16.1	51.4	32.5	0.0	9.6	0.0	0.3	517.4	509.4	516.5	.	498.8	.	479.7
Oman	356	355	41.2	49.1	9.6	0.1	0.0	0.0	0.0	410.4	398.2	398.2	333.2	.	.	365.0
Qatar	250	243	45.5	46.8	7.7	0.0	0.5	0.0	1.0	443.0	433.4	422.8	.	547.9	.	398.2
Russian Federation	226	223	28.1	36.2	34.9	0.8	0.0	0.0	1.4	547.4	539.4	530.7	516.7	.	.	506.5
Saudi Arabia	149	145	28.2	41.7	30.1	0.0	0.6	0.0	2.6	378.8	369.8	358.3	.	448.5	.	307.5
Singapore	334	330	12.4	53.5	33.5	0.6	1.7	0.0	0.0	621.4	629.7	605.3	533.5	681.7	.	.
Slovenia	467	430	43.0	45.1	11.7	0.2	5.6	0.0	1.3	515.4	514.9	527.2	464.7	511.8	.	526.6
South Africa	334	323	35.8	54.4	9.6	0.1	1.1	0.0	2.1	373.2	364.7	407.9	437.3	415.4	.	367.2
Sweden	206	201	11.9	56.1	31.5	0.4	1.8	0.0	0.0	519.3	500.7	492.3	564.6	510.0	.	.
Thailand	205	205	10.4	67.7	19.8	2.2	0.0	0.0	0.0	426.1	434.5	423.6	431.8	.	.	.
Turkey	220	220	37.3	49.4	12.4	0.9	0.0	0.0	0.0	466.1	456.3	447.8	312.2	.	.	.
United Arab Emirates	746	650	49.5	44.4	6.0	0.1	9.4	0.0	0.8	462.8	469.9	467.6	516.0	447.4	.	499.6
United States	429	366	23.2	48.0	26.9	1.8	13.6	0.0	1.0	517.5	517.0	521.5	528.7	516.7	.	517.1
International Avg. (39)	12055	11210	27.9	49.4	21.6	1.2	3.8	0.0	0.9	487.0	480.7	477.2	471.7	490.5	.	459.0
Buenos Aires, Argentina	138	60	41.4	48.2	10.0	0.4	57.3	0.0	0.3	390.4	386.2	405.6	356.1	400.5	.	471.1
Ontario, Canada	217	179	30.0	52.8	16.3	0.9	13.5	0.0	4.1	522.7	526.7	516.2	520.1	510.3	.	533.9
Quebec, Canada	175	158	18.8	64.1	17.0	0.1	8.0	0.0	0.1	560.4	545.8	551.2	434.0	475.4	.	483.5
Norway (8)	239	210	17.6	54.7	26.9	0.8	9.3	0.0	0.4	489.7	488.0	485.1	460.2	481.9	.	481.9
Abu Dhabi, UAE	207	172	49.0	41.3	9.7	0.0	13.4	0.0	0.3	446.5	432.6	453.3	.	439.9	.	600.6
Dubai, UAE	267	243	43.3	50.3	6.4	0.0	5.0	0.0	1.2	506.6	521.1	502.6	.	465.6	.	561.8
Florida, US	110	77	30.4	41.8	25.4	2.4	25.8	0.0	0.9	486.0	504.5	525.0	497.6	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how would you characterize your confidence in doing the following? Developing students' higher-order thinking skills
Location: TQM-17i (BTBM17I)

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	941	748	14.2	49.5	32.1	4.2	10.6	0.0	2.1	524.1	518.4	492.0	477.9	473.9	.	493.5
Bahrain	201	197	44.3	42.3	13.4	0.0	1.1	0.0	1.0	456.1	453.8	451.2	.	450.8	.	411.4
Botswana	169	156	24.4	51.7	22.6	1.4	5.5	0.0	0.0	396.5	392.0	383.4	400.0	383.2	.	.
Canada	409	354	20.6	48.8	28.6	1.9	10.7	0.0	2.5	533.7	533.9	519.4	560.1	501.9	.	533.2
Chile	173	151	42.0	46.8	11.2	0.0	9.4	0.0	2.2	437.6	425.6	417.3	.	406.3	.	424.9
Chinese Taipei	216	216	8.7	36.4	48.5	6.4	0.0	0.0	0.0	602.3	607.9	594.1	583.0	.	.	.
Egypt	215	210	29.7	48.7	21.7	0.0	0.8	0.0	2.0	401.3	401.2	358.8	.	431.7	.	385.0
England	215	182	19.6	45.7	28.5	6.2	13.9	0.0	0.0	564.3	523.7	487.2	457.7	524.9	.	.
Georgia	188	185	9.6	56.7	32.6	1.1	0.0	0.0	2.0	465.7	453.4	448.4	427.8	.	.	478.8
Hong Kong SAR	175	173	4.4	40.5	51.5	3.5	1.8	0.0	0.0	666.9	601.1	585.4	544.4	615.8	.	.
Hungary	278	267	21.9	52.6	24.8	0.7	3.4	0.0	0.8	538.0	509.3	504.8	452.9	518.2	.	536.1
Iran, Islamic Rep. of	251	251	19.0	44.4	29.8	6.8	0.0	0.0	0.0	453.5	434.9	430.7	422.7	.	.	.
Ireland	526	483	20.1	54.4	23.0	2.6	7.1	0.0	0.1	540.8	533.3	492.2	429.1	535.6	.	415.6
Israel	603	526	36.4	44.7	18.1	0.8	6.9	0.0	3.2	543.7	505.6	467.2	432.7	513.3	.	476.0
Italy	230	214	12.5	43.8	40.3	3.5	4.6	0.0	0.4	513.4	485.5	500.0	445.2	512.6	.	522.3
Japan	231	230	1.7	24.1	60.8	13.3	0.3	0.0	0.0	584.8	598.6	586.0	567.2	571.1	.	.
Jordan	260	258	28.8	58.1	11.7	1.4	0.0	0.0	0.5	389.4	383.7	381.2	409.6	.	.	413.9
Kazakhstan	239	237	27.9	62.4	9.6	0.0	0.4	0.0	0.4	531.8	528.7	513.7	.	518.8	.	448.7
Korea, Rep. of	317	317	17.0	45.4	33.6	4.0	0.0	0.0	0.0	618.9	607.5	599.6	581.8	.	.	.
Kuwait	191	189	32.6	51.6	15.2	0.6	1.4	0.0	0.0	419.9	380.1	375.8	366.0	401.3	.	.
Lebanon	185	176	40.0	44.6	14.9	0.4	2.8	0.0	2.6	453.1	435.2	431.4	361.1	460.6	.	457.5
Lithuania	269	256	26.3	66.2	7.3	0.2	4.8	0.0	0.6	522.6	508.7	488.5	413.9	524.4	.	504.8
Malaysia	326	305	19.6	51.7	26.6	2.2	6.2	0.0	0.0	489.4	470.4	445.9	393.8	455.7	.	.
Malta	224	206	23.0	48.2	26.6	2.2	6.4	0.0	1.5	517.3	497.2	480.4	354.8	480.0	.	507.3
Morocco	373	356	15.4	46.6	35.8	2.2	2.3	0.0	2.2	398.0	382.0	381.8	363.8	384.9	.	401.3
New Zealand	489	462	18.0	42.2	36.8	2.9	3.8	0.0	2.1	521.3	501.4	471.4	499.6	471.8	.	476.8
Norway	239	209	19.2	51.2	29.6	0.0	9.6	0.0	0.6	510.8	516.5	508.4	.	498.8	.	495.8
Oman	356	355	41.3	48.3	10.2	0.1	0.0	0.0	0.0	412.1	399.0	387.1	387.8	.	.	365.0
Qatar	250	244	39.2	46.2	14.5	0.0	0.5	0.0	0.3	455.3	426.6	417.1	.	547.9	.	457.9
Russian Federation	226	223	15.8	40.2	38.7	5.4	0.0	0.0	1.4	553.3	539.9	533.1	521.8	.	.	506.5
Saudi Arabia	149	145	29.6	50.4	19.6	0.3	0.6	0.0	2.6	384.5	364.3	356.3	400.6	448.5	.	307.5
Singapore	334	330	8.2	44.5	42.9	4.4	1.7	0.0	0.0	652.8	633.3	606.0	559.4	681.7	.	.
Slovenia	467	429	39.8	46.7	13.2	0.2	5.6	0.0	1.5	520.8	512.8	517.9	447.6	511.8	.	521.6
South Africa	334	323	31.5	48.8	19.1	0.7	1.1	0.0	2.1	375.0	374.6	360.5	366.1	415.4	.	367.2
Sweden	206	200	10.5	54.7	33.4	1.4	1.8	0.0	0.4	504.1	505.9	491.0	480.3	510.0	.	555.6
Thailand	205	204	6.2	48.3	39.4	6.0	0.0	0.0	0.0	455.6	436.0	421.9	431.8	.	.	655.6
Turkey	220	220	23.0	54.1	20.9	2.0	0.0	0.0	0.0	474.5	461.6	436.3	375.9	.	.	.
United Arab Emirates	746	647	39.9	50.3	9.3	0.5	9.4	0.0	1.3	472.4	464.8	457.4	370.0	447.4	.	456.7
United States	429	367	24.1	47.1	27.0	1.7	13.6	0.0	0.9	526.3	518.5	512.1	517.0	516.7	.	510.4
International Avg. (39)	12055	11201	23.2	48.2	26.2	2.3	3.8	0.0	1.0	497.0	482.7	469.0	448.6	490.5	.	467.4
Buenos Aires, Argentina	138	60	43.0	46.0	10.9	0.0	57.3	0.0	0.3	389.1	380.7	430.1	.	400.5	.	471.1
Ontario, Canada	217	179	24.0	51.4	24.5	0.0	13.5	0.0	4.1	532.5	524.8	512.6	.	510.3	.	533.9
Quebec, Canada	175	158	14.4	46.5	33.3	5.8	8.0	0.0	0.1	552.3	557.1	535.5	560.1	475.4	.	483.5
Norway (8)	239	210	15.9	58.4	24.9	0.8	9.3	0.0	0.4	495.3	487.7	482.1	460.2	481.9	.	481.9
Abu Dhabi, UAE	207	171	33.6	54.5	10.8	1.1	13.4	0.0	0.9	454.2	434.3	448.7	362.6	439.9	.	459.3
Dubai, UAE	267	243	37.4	53.9	8.7	0.0	5.0	0.0	1.2	510.3	519.0	495.1	516.4	465.6	.	561.8
Florida, US	110	76	25.5	52.4	19.2	2.9	25.8	0.0	2.8	500.5	519.6	469.7	439.1	468.9	.	481.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how often do you ask students to do the following? Listen to me explain new mathematics content
Location: TQM-18a (BTBM18A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	746	75.1	19.9	5.0	0.0	10.6	0.0	2.7	509.4	508.0	512.1	.	473.9	.	488.3
Bahrain	201	197	78.1	18.1	3.8	0.0	1.1	0.0	0.2	454.7	448.1	464.0	.	450.8	.	516.1
Botswana	169	153	62.7	22.4	13.3	1.6	5.5	0.0	3.1	388.3	404.7	384.5	380.4	383.2	.	388.4
Canada	409	353	53.3	31.0	15.7	0.0	10.7	0.0	3.3	530.2	530.8	527.2	415.7	501.9	.	541.5
Chile	173	151	85.3	9.7	5.0	0.0	9.4	0.0	2.2	431.5	405.4	446.2	.	406.3	.	424.9
Chinese Taipei	216	216	50.0	39.7	10.3	0.0	0.0	0.0	0.0	596.7	606.2	583.8	.	.	.	.
Egypt	215	209	82.7	8.6	8.4	0.3	0.8	0.0	1.7	391.6	385.3	394.5	363.8	431.7	.	431.9
England	215	182	66.0	23.0	10.4	0.6	13.9	0.0	0.0	511.0	525.0	534.1	607.0	524.9	.	.
Georgia	188	187	84.1	5.8	8.0	2.0	0.0	0.0	0.6	454.4	440.2	446.5	461.4	.	.	474.2
Hong Kong SAR	175	168	47.9	34.5	16.8	0.8	1.8	0.0	1.9	597.5	593.2	579.5	668.6	615.8	.	610.1
Hungary	278	268	37.4	36.0	22.0	4.6	3.4	0.0	0.4	512.3	515.1	516.8	511.3	518.2	.	518.0
Iran, Islamic Rep. of	251	249	81.0	13.3	5.3	0.3	0.0	0.0	0.5	434.9	431.8	452.3	640.1	.	.	494.1
Ireland	526	483	61.6	29.4	9.0	0.0	7.1	0.0	0.2	526.5	519.6	507.0	.	535.6	.	465.7
Israel	603	531	80.3	9.3	10.0	0.4	6.9	0.0	2.5	519.0	492.9	478.3	561.6	513.3	.	440.8
Italy	230	214	72.7	9.8	13.9	3.6	4.6	0.0	0.6	492.7	493.9	494.3	510.6	512.6	.	473.8
Japan	231	229	52.7	27.7	18.0	1.6	0.3	0.0	0.2	587.2	585.8	583.0	622.2	571.1	.	522.2
Jordan	260	259	85.7	8.9	5.0	0.4	0.0	0.0	0.5	385.4	367.9	400.8	476.6	.	.	522.9
Kazakhstan	239	238	80.4	8.5	11.1	0.0	0.4	0.0	0.0	523.5	536.0	552.8	.	518.8	.	.
Korea, Rep. of	317	317	62.8	28.4	8.1	0.7	0.0	0.0	0.0	607.2	606.0	598.4	551.6	.	.	.
Kuwait	191	188	66.7	19.6	13.1	0.5	1.4	0.0	0.6	393.9	397.8	375.7	391.1	401.3	.	403.2
Lebanon	185	176	74.0	17.0	5.9	3.0	2.8	0.0	2.4	437.6	450.4	458.9	481.4	460.6	.	424.9
Lithuania	269	257	70.8	13.0	15.8	0.5	4.8	0.0	0.1	512.6	523.4	491.2	525.7	524.4	.	521.3
Malaysia	326	305	64.6	21.4	14.0	0.0	6.2	0.0	0.0	465.9	466.2	465.7	.	455.7	.	.
Malta	224	208	56.1	28.6	15.3	0.0	6.4	0.0	0.5	494.5	492.5	496.9	.	480.0	.	524.2
Morocco	373	358	90.4	5.1	3.5	1.0	2.3	0.0	1.5	385.5	381.3	374.1	355.2	384.9	.	369.8
New Zealand	489	462	56.7	33.1	9.7	0.5	3.8	0.0	1.7	494.1	495.1	483.5	496.2	471.8	.	502.9
Norway	239	210	40.8	44.0	15.2	0.0	9.6	0.0	0.3	514.4	513.3	508.1	.	498.8	.	479.7
Oman	356	350	75.9	9.0	13.6	1.5	0.0	0.0	1.0	402.3	396.7	413.8	363.4	.	.	443.3
Qatar	250	243	61.0	21.0	13.1	4.9	0.5	0.0	1.4	432.8	440.9	434.3	463.1	547.9	.	460.7
Russian Federation	226	224	55.5	32.1	12.4	0.0	0.0	0.0	0.7	536.5	540.3	540.8	.	.	.	496.1
Saudi Arabia	149	145	81.2	12.9	5.8	0.0	0.6	0.0	2.1	367.7	369.3	362.1	.	448.5	.	350.9
Singapore	334	330	52.3	33.6	14.1	0.0	1.7	0.0	0.0	628.3	606.0	621.9	.	681.7	.	.
Slovenia	467	426	57.4	28.7	11.4	2.5	5.6	0.0	1.6	516.7	515.7	516.3	524.8	511.8	.	519.5
South Africa	334	324	59.2	23.3	16.5	0.9	1.1	0.0	1.7	381.4	359.5	354.1	380.3	415.4	.	380.0
Sweden	206	200	45.8	36.4	17.2	0.7	1.8	0.0	0.6	502.5	496.2	504.9	512.7	510.0	.	480.3
Thailand	205	205	27.4	51.3	21.2	0.0	0.0	0.0	0.0	433.3	433.6	423.8	.	.	.	.
Turkey	220	220	90.6	6.0	3.4	0.0	0.0	0.0	0.0	458.3	454.8	445.9	.	.	.	.
United Arab Emirates	746	649	57.4	22.5	19.6	0.6	9.4	0.0	1.3	452.7	481.2	490.0	403.1	447.4	.	496.9
United States	429	366	57.2	29.3	12.1	1.3	13.6	0.0	1.0	520.1	512.5	518.2	572.7	516.7	.	537.8
International Avg. (39)	12055	11196	65.2	22.4	11.6	0.9	3.8	0.0	1.0	481.7	480.1	480.4	489.6	490.5	.	474.3
Buenos Aires, Argentina	138	60	80.5	5.9	12.7	0.8	57.3	0.0	0.3	380.4	428.1	424.3	491.4	400.5	.	471.1
Ontario, Canada	217	179	43.7	31.0	25.3	0.0	13.5	0.0	4.1	524.5	522.4	523.9	.	510.3	.	533.9
Quebec, Canada	175	157	70.7	26.3	3.0	0.0	8.0	0.0	2.7	542.7	562.7	574.6	415.7	475.4	.	563.3
Norway (8)	239	210	40.8	44.4	14.8	0.0	9.3	0.0	0.4	487.7	485.9	490.2	.	481.9	.	481.9
Abu Dhabi, UAE	207	170	61.4	23.7	14.4	0.4	13.4	0.0	1.7	427.6	483.7	429.7	434.2	439.9	.	476.9
Dubai, UAE	267	242	43.3	20.9	35.7	0.1	5.0	0.0	1.8	502.7	516.2	525.6	424.6	465.6	.	547.6
Florida, US	110	77	58.2	26.0	15.8	0.0	25.8	0.0	0.9	504.1	500.0	509.7	.	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Listen to me explain how to solve problems
Location: TQM-18b (BTBM18B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	746	64.4	25.5	10.1	0.0	10.6	0.0	2.8	508.6	504.1	526.2	385.1	473.9	.	492.1
Bahrain	201	198	72.4	18.5	8.6	0.5	1.1	0.0	0.1	455.1	458.6	433.6	451.2	450.8	.	600.9
Botswana	169	154	55.7	22.8	19.9	1.6	5.5	0.0	2.1	392.1	397.9	381.1	382.0	383.2	.	401.7
Canada	409	352	43.8	30.3	25.0	0.9	10.7	0.0	3.3	529.8	533.4	525.4	542.2	501.9	.	541.4
Chile	173	151	73.4	21.8	4.8	0.0	9.4	0.0	2.2	429.7	426.6	444.5	.	406.3	.	424.9
Chinese Taipei	216	216	45.0	45.2	9.7	0.0	0.0	0.0	0.0	598.2	604.1	580.4	.	.	.	.
Egypt	215	208	71.5	17.2	10.8	0.4	0.8	0.0	2.4	393.2	389.5	379.4	398.3	431.7	.	425.2
England	215	182	57.8	25.3	16.3	0.6	13.9	0.0	0.0	513.5	514.3	531.6	607.0	524.9	.	.
Georgia	188	187	79.7	9.7	9.7	0.9	0.0	0.0	0.6	451.9	465.9	449.5	460.8	.	.	474.2
Hong Kong SAR	175	168	41.3	36.0	21.9	0.8	1.8	0.0	1.9	601.7	588.6	583.7	668.6	615.8	.	610.1
Hungary	278	267	39.5	33.0	22.5	4.9	3.4	0.0	0.5	510.6	522.7	508.7	512.4	518.2	.	525.7
Iran, Islamic Rep. of	251	249	75.3	15.7	8.7	0.3	0.0	0.0	0.5	433.6	433.4	454.7	640.1	.	.	494.1
Ireland	526	481	52.9	28.8	17.8	0.4	7.1	0.0	0.9	519.9	529.4	517.3	558.6	535.6	.	549.1
Israel	603	531	78.7	10.6	10.3	0.4	6.9	0.0	2.5	520.2	494.7	472.0	561.6	513.3	.	440.8
Italy	230	214	63.1	20.8	12.8	3.3	4.6	0.0	1.0	494.7	488.4	491.9	514.0	512.6	.	478.0
Japan	231	230	57.2	30.6	11.3	1.0	0.3	0.0	0.0	585.9	584.7	593.9	597.6	571.1	.	.
Jordan	260	259	82.8	10.8	6.0	0.4	0.0	0.0	0.5	384.6	376.2	399.7	476.6	.	.	522.9
Kazakhstan	239	237	74.9	10.6	12.1	2.4	0.4	0.0	0.3	526.3	539.3	525.9	539.7	518.8	.	495.8
Korea, Rep. of	317	317	67.9	27.7	4.0	0.4	0.0	0.0	0.0	606.6	602.7	616.7	565.3	.	.	.
Kuwait	191	189	57.2	26.3	15.7	0.7	1.4	0.0	0.0	395.4	391.2	383.3	392.3	401.3	.	.
Lebanon	185	176	69.9	17.1	10.4	2.7	2.8	0.0	2.4	439.6	440.5	465.3	437.9	460.6	.	424.9
Lithuania	269	257	71.2	12.7	15.6	0.6	4.8	0.0	0.1	511.4	530.8	490.7	516.6	524.4	.	521.3
Malaysia	326	305	64.1	22.8	13.1	0.0	6.2	0.0	0.0	466.5	470.0	456.1	.	455.7	.	.
Malta	224	208	47.0	28.3	23.3	1.3	6.4	0.0	0.5	495.3	494.7	495.6	428.1	480.0	.	524.2
Morocco	373	357	84.1	8.1	6.9	1.0	2.3	0.0	1.8	385.4	376.3	391.0	355.2	384.9	.	364.7
New Zealand	489	465	45.6	36.3	17.6	0.5	3.8	0.0	1.0	490.5	496.8	493.8	463.2	471.8	.	522.9
Norway	239	210	35.9	41.7	21.0	1.4	9.6	0.0	0.3	515.3	512.8	508.4	528.6	498.8	.	479.7
Oman	356	352	71.8	15.8	10.5	1.9	0.0	0.0	0.9	400.7	407.2	404.0	437.2	.	.	446.9
Qatar	250	243	56.7	27.3	11.0	5.0	0.5	0.0	1.4	433.3	436.3	439.2	461.7	547.9	.	460.7
Russian Federation	226	224	56.6	27.4	16.1	0.0	0.0	0.0	0.7	537.3	537.9	542.3	.	.	.	496.1
Saudi Arabia	149	145	62.2	24.2	13.1	0.6	0.6	0.0	2.1	370.3	362.5	364.7	358.4	448.5	.	350.9
Singapore	334	330	45.2	38.4	16.3	0.0	1.7	0.0	0.0	625.2	608.6	632.0	.	681.7	.	.
Slovenia	467	426	53.5	24.5	20.4	1.7	5.6	0.0	1.6	514.8	519.1	516.9	532.0	511.8	.	519.5
South Africa	334	323	50.8	29.0	19.5	0.8	1.1	0.0	1.9	376.1	360.1	377.2	395.8	415.4	.	375.6
Sweden	206	200	42.2	32.4	24.3	1.1	1.8	0.0	0.9	501.9	494.7	505.1	520.6	510.0	.	500.3
Thailand	205	205	27.7	58.5	13.1	0.6	0.0	0.0	0.0	445.8	424.9	432.2	388.4	.	.	.
Turkey	220	220	87.5	8.3	4.0	0.2	0.0	0.0	0.0	459.0	430.5	482.8	492.9	.	.	.
United Arab Emirates	746	651	57.9	21.1	18.3	2.8	9.4	0.0	0.8	452.1	479.3	486.8	521.4	447.4	.	526.1
United States	429	366	52.8	27.9	18.0	1.3	13.6	0.0	1.0	514.7	517.3	529.1	537.8	516.7	.	537.8
International Avg. (39)	12055	11199	59.9	24.8	14.1	1.1	3.8	0.0	1.0	481.7	480.7	482.4	489.1	490.5	.	484.3
Buenos Aires, Argentina	138	60	72.7	9.7	10.5	7.1	57.3	0.0	0.3	382.2	397.9	444.8	374.3	400.5	.	471.1
Ontario, Canada	217	179	30.8	34.5	33.1	1.6	13.5	0.0	4.1	522.6	526.9	520.5	542.2	510.3	.	533.9
Quebec, Canada	175	156	62.7	25.7	11.7	0.0	8.0	0.0	2.7	543.7	558.4	556.1	.	475.4	.	562.5
Norway (8)	239	210	35.2	43.4	20.1	1.4	9.3	0.0	0.4	490.6	483.7	488.8	495.8	481.9	.	481.9
Abu Dhabi, UAE	207	171	61.6	21.6	15.9	0.9	13.4	0.0	0.6	435.9	462.7	437.4	383.8	439.9	.	512.6
Dubai, UAE	267	243	37.0	31.7	24.3	7.0	5.0	0.0	1.5	499.3	512.6	523.1	556.4	465.6	.	575.2
Florida, US	110	77	58.7	26.3	15.0	0.0	25.8	0.0	0.9	501.2	504.3	513.8	.	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Memorize rules, procedures, and facts
Location: TQM-18c (BTBM18C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	746	27.1	36.4	34.0	2.6	10.6	0.0	2.7	510.2	500.7	515.8	535.9	473.9	.	488.9
Bahrain	201	198	57.7	28.1	13.6	0.7	1.1	0.0	0.1	449.2	452.1	476.0	473.6	450.8	.	600.9
Botswana	169	154	32.6	22.8	36.6	8.1	5.5	0.0	1.4	396.5	386.3	390.9	383.1	383.2	.	407.8
Canada	409	353	10.1	28.0	55.7	6.2	10.7	0.0	3.3	535.5	522.5	532.9	527.0	501.9	.	541.5
Chile	173	146	26.9	37.4	35.2	0.5	9.4	0.0	5.0	433.7	433.4	420.5	533.7	406.3	.	432.4
Chinese Taipei	216	215	30.1	43.9	26.0	0.0	0.0	0.0	0.8	607.9	594.1	598.2	.	.	.	571.4
Egypt	215	209	51.4	23.6	22.0	3.0	0.8	0.0	1.7	393.8	384.0	389.4	417.8	431.7	.	431.9
England	215	182	18.3	33.3	46.5	1.9	13.9	0.0	0.0	510.7	507.5	523.6	592.3	524.9	.	.
Georgia	188	187	85.0	7.5	6.9	0.6	0.0	0.0	0.6	452.7	463.2	452.0	389.9	.	.	474.2
Hong Kong SAR	175	167	9.9	29.4	54.3	6.4	1.8	0.0	2.1	605.2	592.9	592.1	595.7	615.8	.	594.2
Hungary	278	267	16.3	29.4	52.8	1.5	3.4	0.0	0.7	528.8	504.1	513.3	585.7	518.2	.	525.3
Iran, Islamic Rep. of	251	250	35.9	29.9	27.0	7.2	0.0	0.0	0.2	421.9	429.7	451.6	481.5	.	.	360.3
Ireland	526	483	14.1	21.6	56.7	7.5	7.1	0.0	0.7	523.8	511.4	525.3	536.8	535.6	.	474.6
Israel	603	528	27.2	25.7	39.4	7.7	6.9	0.0	2.8	513.7	505.7	509.1	549.2	513.3	.	450.6
Italy	230	216	43.5	30.8	21.8	3.9	4.6	0.0	0.0	481.3	501.4	505.9	498.7	512.6	.	.
Japan	231	230	37.6	33.9	27.5	1.1	0.3	0.0	0.0	586.6	586.5	586.7	577.2	571.1	.	.
Jordan	260	259	64.8	28.2	7.0	0.0	0.0	0.0	0.5	386.2	380.9	389.7	.	.	.	522.9
Kazakhstan	239	236	55.9	22.4	21.5	0.2	0.4	0.0	0.7	531.8	519.1	526.6	478.2	518.8	.	538.5
Korea, Rep. of	317	317	27.5	33.4	35.3	3.8	0.0	0.0	0.0	608.1	599.9	606.7	631.4	.	.	.
Kuwait	191	187	61.0	22.1	16.8	0.0	1.4	0.0	1.0	392.5	388.9	396.5	.	401.3	.	393.0
Lebanon	185	175	65.2	21.8	12.3	0.7	2.8	0.0	2.8	439.2	448.6	449.9	450.3	460.6	.	417.8
Lithuania	269	256	58.0	26.1	14.8	1.1	4.8	0.0	0.7	513.4	510.6	499.2	513.7	524.4	.	526.1
Malaysia	326	305	29.2	34.6	34.2	2.0	6.2	0.0	0.0	469.9	461.5	464.5	509.0	455.7	.	.
Malta	224	208	15.2	31.6	45.1	8.1	6.4	0.0	0.5	494.9	503.8	490.5	477.0	480.0	.	524.2
Morocco	373	358	66.9	17.1	14.8	1.1	2.3	0.0	1.5	384.1	385.1	386.5	379.7	384.9	.	369.8
New Zealand	489	463	9.8	29.1	57.0	4.1	3.8	0.0	1.0	500.7	495.5	490.1	500.8	471.8	.	530.1
Norway	239	210	6.9	25.9	58.4	8.7	9.6	0.0	0.3	528.5	511.6	513.6	500.7	498.8	.	479.7
Oman	356	350	66.8	17.3	15.1	0.8	0.0	0.0	1.6	401.9	399.9	406.8	462.8	.	.	424.7
Qatar	250	243	46.7	22.4	29.5	1.5	0.5	0.0	1.4	414.1	456.7	458.3	383.4	547.9	.	460.7
Russian Federation	226	223	33.4	40.5	22.6	3.5	0.0	0.0	1.2	536.2	542.9	532.6	535.2	.	.	529.5
Saudi Arabia	149	144	56.6	30.7	11.7	1.1	0.6	0.0	3.6	374.6	362.6	355.2	306.8	448.5	.	348.4
Singapore	334	330	13.9	29.7	52.7	3.7	1.7	0.0	0.0	622.0	607.5	622.5	675.8	681.7	.	.
Slovenia	467	425	44.0	36.4	19.3	0.3	5.6	0.0	2.2	519.1	516.1	510.9	566.5	511.8	.	518.3
South Africa	334	322	34.3	35.0	28.8	1.9	1.1	0.0	2.0	374.8	378.2	360.5	364.8	415.4	.	380.2
Sweden	206	200	11.1	28.9	52.1	7.9	1.8	0.0	0.9	510.7	494.5	500.9	508.1	510.0	.	484.2
Thailand	205	204	27.5	45.8	26.1	0.6	0.0	0.0	0.8	437.1	423.4	440.3	388.4	.	.	436.4
Turkey	220	220	19.7	15.7	52.9	11.7	0.0	0.0	0.0	470.3	456.2	455.7	447.0	.	.	.
United Arab Emirates	746	651	45.8	22.0	29.1	3.1	9.4	0.0	0.7	456.6	444.2	493.2	510.6	447.4	.	516.6
United States	429	365	11.0	29.6	55.3	4.1	13.6	0.0	1.4	513.6	512.6	520.7	549.2	516.7	.	511.0
International Avg. (39)	12055	11182	35.8	28.4	32.5	3.3	3.8	0.0	1.2	482.9	478.9	483.5	494.9	490.5	.	477.1
Buenos Aires, Argentina	138	60	9.4	14.3	50.8	25.5	57.3	0.0	0.3	379.9	373.2	388.5	405.0	400.5	.	471.1
Ontario, Canada	217	179	3.3	28.5	60.6	7.6	13.5	0.0	4.1	512.1	519.9	526.2	522.6	510.3	.	533.9
Quebec, Canada	175	157	24.7	22.5	47.5	5.4	8.0	0.0	2.7	541.0	544.9	556.1	537.7	475.4	.	563.3
Norway (8)	239	210	12.5	18.6	59.2	9.7	9.3	0.0	0.4	486.8	484.3	489.3	481.4	481.9	.	481.9
Abu Dhabi, UAE	207	172	49.6	21.1	26.5	2.8	13.4	0.0	0.3	441.0	421.8	452.2	492.3	439.9	.	600.6
Dubai, UAE	267	243	28.9	18.9	46.6	5.6	5.0	0.0	1.4	502.2	500.9	522.5	541.1	465.6	.	559.9
Florida, US	110	77	13.1	26.8	58.2	1.9	25.8	0.0	0.9	429.1	505.9	519.7	507.4	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work problems (individually or with peers) with my guidance
Location: TQM-18d (BTBM18D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	748	70.0	22.0	8.0	0.0	10.6	0.0	2.3	512.9	504.9	490.7	378.2	473.9	.	482.2
Bahrain	201	198	70.9	24.4	4.7	0.0	1.1	0.0	0.1	457.3	444.8	449.0	.	450.8	.	600.9
Botswana	169	155	58.0	32.4	9.6	0.0	5.5	0.0	0.8	394.3	387.7	383.7	.	383.2	.	404.0
Canada	409	353	58.8	30.0	10.9	0.2	10.7	0.0	2.6	531.7	528.9	524.1	603.0	501.9	.	533.7
Chile	173	151	54.8	36.0	9.2	0.0	9.4	0.0	2.2	440.0	418.6	411.7	.	406.3	.	424.9
Chinese Taipei	216	216	20.3	41.7	37.6	0.3	0.0	0.0	0.0	603.2	600.0	596.3	545.3	.	.	.
Egypt	215	209	47.4	24.2	28.4	0.0	0.8	0.0	1.7	396.9	386.9	385.5	.	431.7	.	431.9
England	215	182	61.9	28.6	8.3	1.2	13.9	0.0	0.0	522.5	503.8	520.6	537.3	524.9	.	.
Georgia	188	187	46.1	34.6	18.6	0.7	0.0	0.0	0.6	454.4	447.7	459.5	460.7	.	.	474.2
Hong Kong SAR	175	167	46.5	38.2	15.4	0.0	1.8	0.0	2.1	602.5	578.9	602.3	.	615.8	.	612.0
Hungary	278	268	51.2	38.1	10.7	0.0	3.4	0.0	0.4	513.8	515.8	511.2	.	518.2	.	518.0
Iran, Islamic Rep. of	251	251	53.5	35.2	11.4	0.0	0.0	0.0	0.0	443.4	429.5	424.5	.	.	.	.
Ireland	526	484	50.4	34.8	13.4	1.4	7.1	0.0	0.2	517.8	535.5	507.0	529.3	535.6	.	469.1
Israel	603	531	56.7	32.1	10.6	0.6	6.9	0.0	2.5	523.3	494.4	514.5	454.5	513.3	.	440.8
Italy	230	215	53.9	35.9	10.2	0.0	4.6	0.0	0.4	493.6	493.6	491.9	.	512.6	.	523.1
Japan	231	229	60.5	28.5	10.1	0.9	0.3	0.0	0.3	588.8	584.4	577.9	590.6	571.1	.	599.5
Jordan	260	259	50.0	38.9	11.1	0.0	0.0	0.0	0.5	386.6	384.5	378.8	324.8	.	.	522.9
Kazakhstan	239	238	54.4	30.3	15.3	0.0	0.4	0.0	0.0	528.6	531.5	518.1	.	518.8	.	.
Korea, Rep. of	317	317	39.5	35.2	23.7	1.6	0.0	0.0	0.0	607.9	603.9	604.9	605.7	.	.	.
Kuwait	191	189	44.3	36.2	18.4	1.1	1.4	0.0	0.0	399.4	388.2	385.4	359.4	401.3	.	.
Lebanon	185	173	50.2	35.6	12.9	1.3	2.8	0.0	3.8	444.3	438.9	450.1	419.3	460.6	.	420.3
Lithuania	269	256	61.8	31.0	7.2	0.0	4.8	0.0	0.1	512.3	512.3	489.4	.	524.4	.	498.9
Malaysia	326	305	39.1	40.6	20.4	0.0	6.2	0.0	0.0	484.8	456.1	449.4	.	455.7	.	.
Malta	224	208	43.1	37.2	19.3	0.4	6.4	0.0	0.5	498.6	493.1	488.7	406.6	480.0	.	524.2
Morocco	373	356	48.2	28.3	23.3	0.3	2.3	0.0	2.3	387.1	380.9	383.7	401.8	384.9	.	375.8
New Zealand	489	465	60.5	31.4	8.1	0.0	3.8	0.0	0.8	500.3	481.7	486.2	.	471.8	.	518.2
Norway	239	210	62.4	31.4	6.2	0.0	9.6	0.0	0.3	515.4	509.7	505.6	.	498.8	.	479.7
Oman	356	352	64.9	24.8	10.0	0.3	0.0	0.0	0.9	401.7	404.7	405.3	383.9	.	.	446.9
Qatar	250	242	64.5	29.2	5.6	0.7	0.5	0.0	1.9	442.9	429.7	407.3	372.7	547.9	.	437.7
Russian Federation	226	224	50.1	33.0	16.9	0.0	0.0	0.0	0.7	537.1	538.6	541.3	.	.	.	496.1
Saudi Arabia	149	145	66.5	24.4	9.1	0.0	0.6	0.0	2.1	374.9	364.8	321.7	.	448.5	.	350.9
Singapore	334	330	36.9	43.0	20.0	0.0	1.7	0.0	0.0	626.4	615.8	616.7	.	681.7	.	.
Slovenia	467	424	40.2	44.1	14.9	0.7	5.6	0.0	2.5	516.0	516.1	516.9	544.8	511.8	.	525.0
South Africa	334	320	42.4	39.5	18.0	0.1	1.1	0.0	4.4	368.9	380.1	365.5	419.7	415.4	.	353.7
Sweden	206	201	46.1	33.0	20.9	0.0	1.8	0.0	0.0	499.3	507.0	493.2	.	510.0	.	.
Thailand	205	205	28.1	55.1	16.2	0.6	0.0	0.0	0.0	442.0	426.1	433.0	388.4	.	.	.
Turkey	220	220	40.5	35.9	22.6	0.9	0.0	0.0	0.0	462.5	460.5	444.7	450.9	.	.	.
United Arab Emirates	746	651	56.9	30.9	11.9	0.3	9.4	0.0	0.8	472.7	454.8	463.2	473.8	447.4	.	529.0
United States	429	366	64.2	26.6	8.9	0.3	13.6	0.0	1.0	514.9	527.9	513.7	552.5	516.7	.	537.8
International Avg. (39)	12055	11200	51.7	33.6	14.3	0.4	3.8	0.0	1.0	485.2	478.5	474.7	463.8	490.5	.	483.3
Buenos Aires, Argentina	138	60	55.2	32.2	10.5	2.0	57.3	0.0	0.3	393.0	369.7	429.7	411.9	400.5	.	471.1
Ontario, Canada	217	179	53.5	32.1	14.3	0.0	13.5	0.0	4.1	526.5	523.0	514.7	.	510.3	.	533.9
Quebec, Canada	175	157	66.1	25.4	7.9	0.7	8.0	0.0	0.4	546.8	553.5	553.1	603.0	475.4	.	530.1
Norway (8)	239	210	64.2	28.9	6.9	0.0	9.3	0.0	0.4	489.1	482.8	489.0	.	481.9	.	481.9
Abu Dhabi, UAE	207	170	54.7	33.1	12.2	0.0	13.4	0.0	0.8	441.1	437.0	453.7	.	439.9	.	513.7
Dubai, UAE	267	244	67.4	21.2	11.1	0.4	5.0	0.0	1.2	518.9	506.7	490.5	533.5	465.6	.	594.4
Florida, US	110	77	59.8	37.2	3.0	0.0	25.8	0.0	0.9	494.0	517.0	539.5	.	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work problems together in the whole class with direct guidance from me
Location: TQM-18e (BTBM18E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	748	46.9	31.7	20.6	0.7	10.6	0.0	2.3	508.6	507.5	513.8	512.6	473.9	.	482.2
Bahrain	201	198	60.1	29.7	9.3	1.0	1.1	0.0	0.1	454.4	454.0	452.3	428.2	450.8	.	600.9
Botswana	169	154	49.7	31.6	16.3	2.4	5.5	0.0	1.3	399.7	382.5	383.2	394.5	383.2	.	377.5
Canada	409	354	40.1	33.4	25.4	1.1	10.7	0.0	2.5	530.0	530.5	528.0	581.0	501.9	.	534.7
Chile	173	151	51.0	27.8	21.3	0.0	9.4	0.0	2.2	430.1	433.4	424.0	.	406.3	.	424.9
Chinese Taipei	216	216	23.6	44.3	30.3	1.8	0.0	0.0	0.0	602.2	598.5	595.8	628.6	.	.	.
Egypt	215	208	54.9	30.5	14.6	0.0	0.8	0.0	2.1	392.6	387.9	392.2	.	431.7	.	429.7
England	215	182	38.4	38.0	21.0	2.6	13.9	0.0	0.0	509.0	526.6	515.6	512.5	524.9	.	.
Georgia	188	187	35.4	23.7	40.3	0.6	0.0	0.0	0.6	463.6	445.5	448.5	438.9	.	.	474.2
Hong Kong SAR	175	168	36.6	36.0	25.9	1.5	1.8	0.0	1.9	599.1	590.6	590.1	588.1	615.8	.	610.1
Hungary	278	268	37.2	39.7	21.7	1.3	3.4	0.0	0.4	507.8	507.8	535.1	547.6	518.2	.	518.0
Iran, Islamic Rep. of	251	250	41.0	37.0	20.5	1.6	0.0	0.0	0.6	438.2	433.3	439.9	435.0	.	.	377.7
Ireland	526	483	39.1	39.7	19.5	1.7	7.1	0.0	0.2	518.0	530.9	511.4	565.8	535.6	.	495.3
Israel	603	529	48.8	30.3	20.6	0.3	6.9	0.0	2.8	524.4	487.1	522.0	544.2	513.3	.	448.8
Italy	230	214	46.7	39.6	13.4	0.3	4.6	0.0	1.4	491.0	497.0	494.7	528.7	512.6	.	461.6
Japan	231	230	47.8	25.3	24.1	2.8	0.3	0.0	0.0	584.7	586.0	590.9	585.3	571.1	.	.
Jordan	260	258	56.4	30.9	12.7	0.0	0.0	0.0	0.5	383.9	388.4	381.1	.	.	.	504.2
Kazakhstan	239	238	48.8	29.8	20.5	1.0	0.4	0.0	0.0	527.4	532.5	521.8	532.4	518.8	.	.
Korea, Rep. of	317	317	47.5	37.5	14.4	0.7	0.0	0.0	0.0	601.9	607.5	615.6	573.9	.	.	.
Kuwait	191	187	41.7	27.3	29.7	1.4	1.4	0.0	0.7	400.7	378.3	392.5	413.5	401.3	.	396.1
Lebanon	185	175	46.2	34.6	17.9	1.3	2.8	0.0	2.8	447.1	439.0	439.6	419.3	460.6	.	417.8
Lithuania	269	257	31.3	44.4	22.8	1.4	4.8	0.0	0.1	508.7	517.6	502.0	475.3	524.4	.	521.3
Malaysia	326	305	44.9	40.6	13.8	0.7	6.2	0.0	0.0	473.1	459.1	466.6	391.5	455.7	.	.
Malta	224	208	36.7	38.4	24.0	0.9	6.4	0.0	0.5	486.0	502.2	495.2	472.4	480.0	.	524.2
Morocco	373	354	46.2	22.6	30.5	0.7	2.3	0.0	2.2	385.5	382.8	383.5	409.2	384.9	.	379.9
New Zealand	489	466	29.9	36.9	31.8	1.5	3.8	0.0	0.7	498.3	486.4	496.6	496.4	471.8	.	523.9
Norway	239	210	29.1	37.1	31.4	2.5	9.6	0.0	0.3	517.6	508.2	515.4	499.6	498.8	.	479.7
Oman	356	351	52.7	28.3	17.9	1.1	0.0	0.0	1.2	407.9	398.5	398.7	351.0	.	.	422.9
Qatar	250	242	55.0	32.2	10.9	1.9	0.5	0.0	1.4	435.9	436.9	429.3	474.3	547.9	.	459.5
Russian Federation	226	224	45.9	30.9	22.3	0.9	0.0	0.0	0.7	535.4	539.6	544.3	492.7	.	.	496.1
Saudi Arabia	149	145	55.8	25.7	18.0	0.6	0.6	0.0	2.1	377.0	353.6	358.8	358.4	448.5	.	350.9
Singapore	334	330	34.9	42.7	22.0	0.5	1.7	0.0	0.0	622.2	614.4	625.6	686.7	681.7	.	.
Slovenia	467	425	26.4	37.5	33.8	2.3	5.6	0.0	1.9	511.7	521.4	513.8	528.3	511.8	.	525.4
South Africa	334	320	47.5	35.1	17.2	0.2	1.1	0.0	4.2	364.3	380.9	378.9	431.3	415.4	.	352.0
Sweden	206	201	15.1	33.5	47.8	3.6	1.8	0.0	0.0	483.6	507.3	500.8	505.0	510.0	.	.
Thailand	205	205	25.2	46.3	27.5	1.0	0.0	0.0	0.0	431.1	430.5	434.9	383.9	.	.	.
Turkey	220	220	38.4	31.5	29.5	0.6	0.0	0.0	0.0	465.7	458.1	447.8	397.0	.	.	.
United Arab Emirates	746	653	46.5	30.0	22.2	1.3	9.4	0.0	0.6	462.2	462.5	474.8	536.8	447.4	.	550.1
United States	429	366	57.1	26.7	15.9	0.3	13.6	0.0	1.0	519.6	518.4	512.9	552.5	516.7	.	537.8
International Avg. (39)	12055	11197	42.5	33.8	22.5	1.2	3.8	0.0	1.0	482.1	480.1	481.2	490.9	490.5	.	471.6
Buenos Aires, Argentina	138	60	34.9	29.5	33.6	2.0	57.3	0.0	0.3	366.3	408.2	396.5	411.9	400.5	.	471.1
Ontario, Canada	217	179	32.1	41.4	25.1	1.4	13.5	0.0	4.1	520.8	525.7	519.9	599.4	510.3	.	533.9
Quebec, Canada	175	158	55.1	22.6	21.5	0.8	8.0	0.0	0.2	545.7	546.8	561.6	529.9	475.4	.	572.1
Norway (8)	239	210	26.8	37.3	33.3	2.6	9.3	0.0	0.4	489.7	485.2	489.4	465.1	481.9	.	481.9
Abu Dhabi, UAE	207	172	46.3	31.7	22.0	0.0	13.4	0.0	0.3	436.8	449.0	440.2	.	439.9	.	600.6
Dubai, UAE	267	244	41.5	28.6	25.6	4.3	5.0	0.0	1.2	507.1	516.1	515.9	536.8	465.6	.	594.4
Florida, US	110	77	53.6	25.9	20.5	0.0	25.8	0.0	0.9	490.9	513.1	526.5	.	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work problems (individually or with peers) while I am occupied by other tasks
Location: TQM-18f (BTBM18F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	29.0	17.3	28.8	24.8	10.6	0.0	2.3	507.8	503.1	507.9	517.3	473.9	.	482.2
Bahrain	201	198	29.8	26.4	22.0	21.8	1.1	0.0	0.1	452.4	446.9	462.0	456.1	450.8	.	600.9
Botswana	169	155	22.4	12.5	42.4	22.7	5.5	0.0	0.8	386.1	388.3	387.4	404.6	383.2	.	404.0
Canada	409	353	13.3	22.8	38.6	25.3	10.7	0.0	2.7	542.1	522.4	530.1	531.9	501.9	.	528.2
Chile	173	151	10.9	12.0	29.9	47.2	9.4	0.0	2.2	421.8	430.5	420.0	437.5	406.3	.	424.9
Chinese Taipei	216	216	7.0	23.2	45.6	24.1	0.0	0.0	0.0	588.2	603.4	599.3	597.8	.	.	.
Egypt	215	209	12.6	18.6	34.7	34.1	0.8	0.0	1.7	391.3	374.2	393.7	397.9	431.7	.	431.9
England	215	182	21.5	14.3	29.4	34.8	13.9	0.0	0.0	531.5	519.7	501.6	520.4	524.9	.	.
Georgia	188	183	5.2	13.6	35.9	45.3	0.0	0.0	2.2	456.7	448.2	455.6	451.8	.	.	463.5
Hong Kong SAR	175	168	13.9	18.0	49.4	18.7	1.8	0.0	1.9	607.4	584.3	586.8	609.8	615.8	.	610.1
Hungary	278	268	4.1	9.0	29.8	57.1	3.4	0.0	0.4	496.8	529.3	512.1	514.3	518.2	.	518.0
Iran, Islamic Rep. of	251	251	14.9	17.2	38.5	29.4	0.0	0.0	0.0	430.3	425.1	426.5	458.9	.	.	.
Ireland	526	485	11.9	19.2	34.8	34.1	7.1	0.0	0.0	511.1	527.3	524.4	522.1	535.6	.	.
Israel	603	528	22.7	13.0	30.3	34.0	6.9	0.0	3.2	527.9	487.7	511.4	513.4	513.3	.	454.4
Italy	230	215	6.8	9.9	30.1	53.1	4.6	0.0	0.9	489.4	489.3	490.4	497.0	512.6	.	471.9
Japan	231	230	4.1	7.9	30.1	57.9	0.3	0.0	0.0	599.3	590.3	588.8	583.9	571.1	.	.
Jordan	260	258	12.0	28.0	33.9	26.2	0.0	0.0	0.7	386.2	385.8	380.9	388.4	.	.	479.3
Kazakhstan	239	237	51.1	32.1	16.5	0.3	0.4	0.0	0.3	531.4	521.6	530.3	472.8	518.8	.	508.5
Korea, Rep. of	317	317	23.2	37.7	32.4	6.6	0.0	0.0	0.0	610.5	598.7	611.8	599.4	.	.	.
Kuwait	191	186	14.4	24.1	38.1	23.4	1.4	0.0	1.6	401.8	391.3	387.4	395.6	401.3	.	393.7
Lebanon	185	173	13.7	21.9	25.7	38.7	2.8	0.0	3.3	447.5	443.3	431.6	448.9	460.6	.	410.2
Lithuania	269	257	7.6	6.9	26.2	59.2	4.8	0.0	0.1	529.7	509.3	509.8	508.7	524.4	.	521.3
Malaysia	326	305	6.8	19.1	28.4	45.7	6.2	0.0	0.0	501.1	468.0	466.9	459.3	455.7	.	.
Malta	224	208	10.4	20.2	28.0	41.4	6.4	0.0	0.5	485.3	502.8	481.2	501.3	480.0	.	524.2
Morocco	373	352	10.9	17.2	39.0	32.9	2.3	0.0	3.3	399.1	387.6	378.4	384.6	384.9	.	387.6
New Zealand	489	466	17.0	20.2	38.7	24.2	3.8	0.0	0.7	497.9	496.1	492.7	488.9	471.8	.	523.9
Norway	239	210	3.9	7.0	19.2	69.8	9.6	0.0	0.3	521.2	513.8	506.4	514.2	498.8	.	479.7
Oman	356	349	15.4	14.8	28.5	41.3	0.0	0.0	1.6	412.6	404.1	394.5	404.2	.	.	431.1
Qatar	250	241	20.8	22.1	25.8	31.3	0.5	0.0	2.9	430.2	431.7	419.0	460.1	547.9	.	421.1
Russian Federation	226	223	10.3	38.1	50.0	1.6	0.0	0.0	2.6	533.9	545.3	532.9	519.3	.	.	555.4
Saudi Arabia	149	144	22.0	30.6	36.9	10.5	0.6	0.0	2.6	366.6	371.7	359.5	384.9	448.5	.	360.6
Singapore	334	330	8.9	20.6	33.9	36.5	1.7	0.0	0.0	643.6	607.3	615.2	625.7	681.7	.	.
Slovenia	467	425	7.4	14.3	48.0	30.3	5.6	0.0	1.8	519.0	519.7	518.2	512.0	511.8	.	516.2
South Africa	334	319	17.8	22.5	36.0	23.6	1.1	0.0	4.6	350.8	361.4	367.2	409.4	415.4	.	350.6
Sweden	206	200	4.0	4.4	16.2	75.5	1.8	0.0	0.5	492.8	492.5	478.2	506.2	510.0	.	506.2
Thailand	205	205	9.9	22.9	50.3	16.9	0.0	0.0	0.0	443.5	414.7	437.1	430.0	.	.	.
Turkey	220	220	16.0	18.7	45.5	19.8	0.0	0.0	0.0	451.8	470.9	456.1	453.2	.	.	.
United Arab Emirates	746	646	20.8	26.3	30.3	22.6	9.4	0.0	1.2	460.9	450.0	456.7	503.0	447.4	.	488.0
United States	429	365	21.3	18.0	35.6	25.1	13.6	0.0	1.4	515.6	516.5	523.1	516.5	516.7	.	511.0
International Avg. (39)	12055	11175	14.8	19.0	33.7	32.5	3.8	0.0	1.2	483.9	478.8	477.8	484.7	490.5	.	474.4
Buenos Aires, Argentina	138	60	10.9	5.2	9.2	74.7	57.3	0.0	0.3	371.5	448.1	353.0	392.8	400.5	.	471.1
Ontario, Canada	217	178	10.8	23.4	39.6	26.2	13.5	0.0	4.4	543.5	520.9	523.6	519.3	510.3	.	527.3
Quebec, Canada	175	158	18.7	21.4	32.3	27.6	8.0	0.0	0.2	548.6	533.5	557.7	552.0	475.4	.	572.1
Norway (8)	239	210	7.0	3.9	21.8	67.3	9.3	0.0	0.4	497.4	493.3	485.8	486.4	481.9	.	481.9
Abu Dhabi, UAE	207	172	20.8	30.2	32.4	16.6	13.4	0.0	0.3	444.7	429.7	431.6	477.6	439.9	.	600.6
Dubai, UAE	267	239	15.3	18.2	29.9	36.5	5.0	0.0	2.7	515.0	496.8	494.2	538.8	465.6	.	519.1
Florida, US	110	77	29.6	21.6	34.1	14.8	25.8	0.0	0.9	500.6	503.5	496.6	527.9	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work on problems for which there is no immediately obvious method of solution
Location: TQM-18g (BTBM18G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	7.5	19.4	58.0	15.1	10.6	0.0	2.7	521.8	499.4	518.2	481.5	473.9	.	488.6
Bahrain	201	196	21.1	22.6	47.5	8.8	1.1	0.0	1.5	461.3	445.9	454.4	460.1	450.8	.	424.5
Botswana	169	152	9.8	22.6	47.7	19.9	5.5	0.0	3.6	397.4	390.5	388.8	388.5	383.2	.	423.8
Canada	409	352	5.8	24.2	57.2	12.9	10.7	0.0	2.7	519.1	530.6	532.4	524.5	501.9	.	533.7
Chile	173	149	10.3	27.4	51.7	10.6	9.4	0.0	4.1	424.4	444.7	421.8	432.5	406.3	.	432.9
Chinese Taipei	216	210	6.7	15.6	67.6	10.1	0.0	0.0	3.8	603.7	608.6	596.2	590.5	.	.	625.1
Egypt	215	208	13.1	15.9	54.5	16.5	0.8	0.0	2.4	374.5	406.5	393.8	376.3	431.7	.	454.7
England	215	182	5.3	19.7	64.8	10.1	13.9	0.0	0.0	577.7	527.4	514.5	483.2	524.9	.	.
Georgia	188	184	8.0	16.9	63.7	11.5	0.0	0.0	2.4	458.6	458.5	455.1	432.9	.	.	444.6
Hong Kong SAR	175	166	6.6	24.4	61.2	7.7	1.8	0.0	2.9	609.4	591.0	592.2	599.0	615.8	.	604.0
Hungary	278	267	2.5	15.5	63.3	18.6	3.4	0.0	0.7	464.8	527.6	516.3	503.4	518.2	.	502.4
Iran, Islamic Rep. of	251	249	22.0	34.4	40.7	2.9	0.0	0.0	0.8	436.4	435.1	436.9	450.3	.	.	409.0
Ireland	526	481	1.8	18.2	59.5	20.5	7.1	0.0	0.6	513.7	538.0	524.5	504.3	535.6	.	518.8
Israel	603	527	10.8	21.0	52.9	15.3	6.9	0.0	2.9	498.2	519.7	520.4	487.0	513.3	.	448.6
Italy	230	216	16.1	34.6	49.0	0.3	4.6	0.0	0.0	490.5	493.1	494.6	533.0	512.6	.	.
Japan	231	229	4.2	23.9	65.5	6.3	0.3	0.0	0.2	619.8	590.8	582.9	581.7	571.1	.	692.0
Jordan	260	258	12.8	30.7	42.8	13.7	0.0	0.0	0.9	398.1	388.1	383.7	369.9	.	.	447.4
Kazakhstan	239	238	19.2	34.8	45.4	0.7	0.4	0.0	0.0	541.2	526.4	523.6	509.7	518.8	.	.
Korea, Rep. of	317	317	11.1	26.2	55.8	6.9	0.0	0.0	0.0	603.2	607.8	606.9	592.8	.	.	.
Kuwait	191	187	9.6	14.6	47.7	28.0	1.4	0.0	1.6	417.4	382.8	390.6	383.8	401.3	.	523.4
Lebanon	185	172	25.6	32.2	36.6	5.6	2.8	0.0	4.9	447.2	433.4	448.3	415.2	460.6	.	452.1
Lithuania	269	256	2.6	8.4	64.4	24.5	4.8	0.0	0.6	547.6	530.1	509.8	501.9	524.4	.	521.0
Malaysia	326	305	10.5	37.0	46.2	6.4	6.2	0.0	0.0	478.3	468.3	461.6	463.9	455.7	.	.
Malta	224	207	4.3	19.7	54.8	21.2	6.4	0.0	1.0	526.1	500.0	498.7	470.1	480.0	.	531.8
Morocco	373	353	5.5	11.1	58.1	25.4	2.3	0.0	3.0	396.3	388.2	385.7	376.7	384.9	.	387.6
New Zealand	489	460	2.7	15.1	59.8	22.4	3.8	0.0	2.5	566.3	506.0	497.7	464.3	471.8	.	502.3
Norway	239	210	3.0	13.5	77.7	5.8	9.6	0.0	0.3	528.5	508.9	513.2	512.1	498.8	.	479.7
Oman	356	95	15.5	13.7	45.1	25.7	82.2	0.0	1.0	424.7	461.8	442.0	425.3	396.2	.	398.4
Qatar	250	242	9.9	23.3	44.0	22.8	0.5	0.0	1.4	439.2	430.1	440.7	431.8	547.9	.	467.6
Russian Federation	226	224	2.1	11.0	76.1	10.8	0.0	0.0	0.7	541.0	548.1	538.5	525.9	.	.	496.1
Saudi Arabia	149	145	8.0	22.4	51.5	18.1	0.6	0.0	2.1	390.0	371.9	367.5	352.8	448.5	.	350.9
Singapore	334	330	4.4	15.3	60.7	19.6	1.7	0.0	0.0	640.3	630.7	617.7	613.8	681.7	.	.
Slovenia	467	425	3.7	30.6	64.1	1.7	5.6	0.0	1.7	520.0	523.4	514.1	474.4	511.8	.	520.9
South Africa	334	317	12.7	24.0	47.3	15.9	1.1	0.0	5.0	351.3	353.8	384.6	382.6	415.4	.	357.8
Sweden	206	201	0.8	13.4	74.9	10.9	1.8	0.0	0.0	450.9	502.4	502.2	490.6	510.0	.	.
Thailand	205	205	5.3	27.3	60.3	7.0	0.0	0.0	0.0	410.9	435.2	435.0	401.4	.	.	.
Turkey	220	219	5.5	17.9	50.9	25.8	0.0	0.0	0.7	449.5	455.1	461.5	453.4	.	.	461.6
United Arab Emirates	746	644	13.6	28.8	45.6	12.0	9.4	0.0	1.7	460.5	461.0	462.2	495.3	447.4	.	517.6
United States	429	363	7.7	27.4	49.6	15.3	13.6	0.0	1.7	520.7	517.4	519.3	519.6	516.7	.	499.7
International Avg. (39)	12055	10888	8.9	21.9	55.5	13.7	5.9	0.0	1.6	487.7	485.6	483.3	473.2	487.5	.	481.2
Buenos Aires, Argentina	138	60	16.3	26.2	47.4	10.1	57.3	0.0	0.3	402.2	387.2	395.3	349.6	400.5	.	471.1
Ontario, Canada	217	177	6.5	25.4	53.1	15.0	13.5	0.0	4.4	517.5	518.9	524.5	531.7	510.3	.	532.9
Quebec, Canada	175	158	5.6	25.9	62.6	5.9	8.0	0.0	0.2	527.1	552.5	551.9	527.5	475.4	.	572.1
Norway (8)	239	210	2.1	11.6	81.4	4.9	9.3	0.0	0.4	498.9	495.2	485.9	486.3	481.9	.	481.9
Abu Dhabi, UAE	207	171	11.8	34.9	45.9	7.3	13.4	0.0	0.8	453.2	440.1	428.2	509.1	439.9	.	523.7
Dubai, UAE	267	240	11.2	24.5	48.7	15.6	5.0	0.0	3.9	504.0	506.5	516.1	517.6	465.6	.	552.9
Florida, US	110	77	16.8	25.6	42.9	14.7	25.8	0.0	0.9	490.9	518.9	501.6	499.5	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Take a written test or quiz
Location: TQM-18h (BTBM18H)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	747	5.6	10.6	82.4	1.4	10.6	0.0	2.7	497.2	510.8	510.4	509.0	473.9	.	476.7
Bahrain	201	197	33.6	34.2	31.4	0.9	1.1	0.0	0.6	466.6	441.6	454.3	409.3	450.8	.	499.8
Botswana	169	155	11.5	18.4	68.7	1.4	5.5	0.0	0.8	400.0	398.6	388.3	360.5	383.2	.	404.0
Canada	409	354	2.5	7.1	90.3	0.0	10.7	0.0	2.5	520.1	532.3	530.3	.	501.9	.	534.7
Chile	173	151	11.5	33.4	55.2	0.0	9.4	0.0	2.2	413.4	422.5	437.5	.	406.3	.	424.9
Chinese Taipei	216	216	8.6	25.8	64.8	0.9	0.0	0.0	0.0	585.0	604.7	599.3	556.3	.	.	.
Egypt	215	209	16.2	27.6	53.6	2.6	0.8	0.0	1.7	395.5	400.4	385.9	376.7	431.7	.	431.9
England	215	182	1.9	7.0	90.5	0.6	13.9	0.0	0.0	521.8	521.5	517.0	474.4	524.9	.	.
Georgia	188	187	15.7	19.8	63.6	1.0	0.0	0.0	0.6	455.9	451.8	453.0	439.5	.	.	474.2
Hong Kong SAR	175	167	4.6	26.4	68.2	0.8	1.8	0.0	2.6	575.8	584.1	599.7	505.1	615.8	.	598.4
Hungary	278	268	6.2	18.0	75.8	0.0	3.4	0.0	0.4	531.8	515.8	512.5	.	518.2	.	518.0
Iran, Islamic Rep. of	251	250	64.6	25.9	9.0	0.6	0.0	0.0	0.2	436.3	440.3	422.1	525.1	.	.	360.3
Ireland	526	485	2.6	9.4	86.4	1.6	7.1	0.0	0.0	527.0	520.5	522.2	549.6	535.6	.	.
Israel	603	526	11.1	15.7	71.6	1.6	6.9	0.0	3.3	491.8	469.5	525.1	537.5	513.3	.	452.6
Italy	230	215	8.3	16.0	75.7	0.0	4.6	0.0	0.0	477.5	474.2	499.4	.	512.6	.	535.5
Japan	231	230	14.6	22.9	58.4	4.1	0.3	0.0	0.0	580.4	582.9	587.2	618.0	571.1	.	.
Jordan	260	259	18.4	49.0	32.4	0.2	0.0	0.0	0.5	391.4	390.6	373.3	296.3	.	.	522.9
Kazakhstan	239	236	46.9	23.5	29.6	0.0	0.4	0.0	0.5	523.5	527.6	535.2	.	518.8	.	512.1
Korea, Rep. of	317	317	7.4	23.4	67.2	2.0	0.0	0.0	0.0	620.4	596.9	607.8	586.8	.	.	.
Kuwait	191	189	20.5	25.1	53.9	0.5	1.4	0.0	0.0	390.4	389.4	394.4	399.5	401.3	.	.
Lebanon	185	175	67.0	16.7	13.7	2.6	2.8	0.0	2.8	439.2	436.8	462.4	447.1	460.6	.	432.3
Lithuania	269	257	1.3	7.7	90.9	0.0	4.8	0.0	0.1	521.6	530.1	508.8	.	524.4	.	521.3
Malaysia	326	305	11.9	38.2	47.9	2.0	6.2	0.0	0.0	480.6	470.3	460.8	417.0	455.7	.	.
Malta	224	208	2.2	8.8	81.0	8.0	6.4	0.0	0.5	534.9	499.2	496.5	455.0	480.0	.	524.2
Morocco	373	350	26.7	17.4	47.9	8.0	2.3	0.0	3.2	382.8	395.2	381.9	384.2	384.9	.	375.8
New Zealand	489	465	5.4	7.3	85.9	1.4	3.8	0.0	0.9	519.4	472.5	492.9	517.2	471.8	.	526.2
Norway	239	210	0.7	2.6	95.6	1.1	9.6	0.0	0.3	504.9	500.7	513.7	485.4	498.8	.	479.7
Oman	356	349	27.7	32.3	39.9	0.1	0.0	0.0	1.2	413.8	401.5	396.2	576.4	.	.	421.2
Qatar	250	242	22.4	27.0	45.1	5.5	0.5	0.0	1.4	439.2	405.3	448.4	475.2	547.9	.	461.8
Russian Federation	226	222	6.8	40.6	52.6	0.0	0.0	0.0	1.4	534.7	540.8	536.5	.	.	.	527.5
Saudi Arabia	149	145	30.6	40.9	28.5	0.0	0.6	0.0	2.1	380.1	365.3	357.6	.	448.5	.	350.9
Singapore	334	330	6.6	22.8	70.3	0.3	1.7	0.0	0.0	631.5	614.4	620.7	608.5	681.7	.	.
Slovenia	467	426	3.2	4.2	92.4	0.1	5.6	0.0	1.6	517.5	533.3	515.7	561.6	511.8	.	519.5
South Africa	334	322	19.2	24.0	54.3	2.5	1.1	0.0	2.9	348.2	356.9	385.7	358.3	415.4	.	406.5
Sweden	206	201	1.4	2.1	94.8	1.7	1.8	0.0	0.0	526.4	473.2	501.4	469.0	510.0	.	.
Thailand	205	204	54.3	34.8	10.9	0.0	0.0	0.0	0.2	440.3	420.5	421.9	.	.	.	430.3
Turkey	220	219	34.6	31.8	32.5	1.1	0.0	0.0	0.6	465.7	457.0	453.7	347.5	.	.	429.7
United Arab Emirates	746	653	32.2	26.7	38.8	2.4	9.4	0.0	0.6	474.1	450.0	465.2	549.8	447.4	.	550.1
United States	429	366	10.1	17.5	71.9	0.5	13.6	0.0	1.0	503.2	524.5	519.0	508.2	516.7	.	537.8
International Avg. (39)	12055	11189	17.3	21.6	59.6	1.5	3.8	0.0	1.0	483.6	477.5	481.9	476.8	490.5	.	474.7
Buenos Aires, Argentina	138	59	8.5	5.7	85.8	0.0	57.3	0.0	0.4	378.9	327.3	394.9	.	400.5	.	444.6
Ontario, Canada	217	179	3.7	9.6	86.7	0.0	13.5	0.0	4.1	513.9	535.0	522.9	.	510.3	.	533.9
Quebec, Canada	175	158	1.2	3.7	95.1	0.0	8.0	0.0	0.2	553.3	514.6	550.5	.	475.4	.	572.1
Norway (8)	239	210	0.0	3.7	95.4	0.9	9.3	0.0	0.4	.	489.5	486.9	515.2	481.9	.	481.9
Abu Dhabi, UAE	207	172	23.1	29.9	43.8	3.2	13.4	0.0	0.3	453.6	417.3	445.5	524.1	439.9	.	600.6
Dubai, UAE	267	244	33.1	29.2	34.7	3.1	5.0	0.0	1.2	517.5	495.8	518.8	570.6	465.6	.	594.4
Florida, US	110	77	12.1	16.9	70.9	0.1	25.8	0.0	0.9	453.4	471.6	520.2	503.5	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work in mixed ability groups
Location: TQM-18i (BTBM18I)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	746	16.9	22.8	48.2	12.0	10.6	0.0	2.7	515.9	504.8	510.2	504.8	473.9	.	489.2
Bahrain	201	197	52.1	28.4	16.8	2.7	1.1	0.0	0.7	449.5	457.7	454.0	503.9	450.8	.	438.8
Botswana	169	155	30.9	30.1	37.1	1.9	5.5	0.0	0.8	391.3	387.9	393.5	395.5	383.2	.	404.0
Canada	409	353	18.7	25.1	48.0	8.2	10.7	0.0	2.7	526.0	520.9	534.8	541.0	501.9	.	535.1
Chile	173	150	13.4	30.2	47.1	9.3	9.4	0.0	2.6	428.1	429.6	430.9	426.2	406.3	.	426.0
Chinese Taipei	216	214	13.5	18.9	51.3	16.3	0.0	0.0	0.7	603.0	597.4	601.1	590.3	.	.	624.0
Egypt	215	209	19.5	25.9	47.5	7.0	0.8	0.0	1.7	401.6	394.7	385.5	388.5	431.7	.	431.9
England	215	182	8.1	21.6	44.2	26.1	13.9	0.0	0.0	513.5	513.6	521.9	513.3	524.9	.	.
Georgia	188	186	4.5	16.8	73.4	5.3	0.0	0.0	1.2	434.3	442.0	457.1	458.9	.	.	414.8
Hong Kong SAR	175	166	2.8	18.9	62.5	15.8	1.8	0.0	3.5	564.5	597.8	590.0	606.6	615.8	.	607.2
Hungary	278	268	2.4	14.2	74.0	9.4	3.4	0.0	0.4	519.3	488.9	516.7	532.4	518.2	.	518.0
Iran, Islamic Rep. of	251	249	38.5	34.9	20.4	6.2	0.0	0.0	0.5	444.3	427.3	431.4	451.7	.	.	467.1
Ireland	526	481	15.1	24.6	43.7	16.6	7.1	0.0	0.5	514.7	522.1	525.6	523.3	535.6	.	496.5
Israel	603	527	10.2	13.9	56.8	19.2	6.9	0.0	3.3	511.5	482.3	516.0	520.6	513.3	.	482.9
Italy	230	216	8.4	21.7	65.6	4.4	4.6	0.0	0.0	501.4	480.0	496.9	494.4	512.6	.	.
Japan	231	229	30.2	14.5	41.4	13.9	0.3	0.0	0.4	587.1	586.0	584.4	592.0	571.1	.	592.8
Jordan	260	259	11.6	30.3	51.7	6.4	0.0	0.0	0.5	396.6	388.6	381.4	374.8	.	.	522.9
Kazakhstan	239	237	45.3	25.1	28.1	1.5	0.4	0.0	0.3	524.9	533.1	528.0	539.9	518.8	.	460.5
Korea, Rep. of	317	317	11.9	21.7	47.9	18.4	0.0	0.0	0.0	604.6	599.7	611.3	599.3	.	.	.
Kuwait	191	189	19.0	26.0	47.1	7.9	1.4	0.0	0.0	411.6	385.7	387.7	396.1	401.3	.	.
Lebanon	185	174	20.4	36.3	38.1	5.2	2.8	0.0	3.2	448.3	445.3	432.7	478.9	460.6	.	414.8
Lithuania	269	257	3.6	14.8	77.9	3.7	4.8	0.0	0.1	504.3	503.3	511.2	534.0	524.4	.	521.3
Malaysia	326	305	15.2	45.6	35.8	3.3	6.2	0.0	0.0	498.4	467.9	451.4	447.7	455.7	.	.
Malta	224	207	11.0	16.9	56.0	16.1	6.4	0.0	1.2	510.2	495.3	491.8	490.7	480.0	.	512.7
Morocco	373	353	7.4	11.1	53.9	27.6	2.3	0.0	3.4	413.3	381.8	383.5	381.7	384.9	.	366.3
New Zealand	489	462	17.1	27.4	47.2	8.3	3.8	0.0	1.3	487.0	479.4	500.3	511.5	471.8	.	517.2
Norway	239	210	4.7	16.9	67.5	10.8	9.6	0.0	0.3	506.2	511.9	514.8	506.2	498.8	.	479.7
Oman	356	348	31.5	28.5	38.8	1.3	0.0	0.0	1.5	412.1	401.8	397.1	385.8	.	.	412.9
Qatar	250	242	34.8	32.4	26.6	6.2	0.5	0.0	1.4	434.4	438.2	424.1	488.1	547.9	.	460.0
Russian Federation	226	222	5.9	19.3	72.6	2.3	0.0	0.0	1.5	566.6	536.2	535.1	566.0	.	.	544.9
Saudi Arabia	149	145	44.2	24.8	24.9	6.1	0.6	0.0	2.1	376.0	372.3	352.5	349.4	448.5	.	350.9
Singapore	334	330	9.2	27.6	55.7	7.5	1.7	0.0	0.0	634.4	614.3	620.5	618.6	681.7	.	.
Slovenia	467	426	5.2	9.4	73.2	12.3	5.6	0.0	1.6	507.4	523.1	517.6	509.4	511.8	.	519.5
South Africa	334	322	19.0	33.8	39.9	7.4	1.1	0.0	2.1	360.9	348.5	384.1	442.8	415.4	.	367.7
Sweden	206	200	15.2	24.6	53.1	7.1	1.8	0.0	0.6	511.2	493.6	502.3	488.1	510.0	.	515.7
Thailand	205	205	12.7	29.8	52.7	4.9	0.0	0.0	0.0	411.4	436.6	431.0	456.2	.	.	.
Turkey	220	220	13.0	22.1	51.4	13.4	0.0	0.0	0.0	461.8	460.9	461.1	434.7	.	.	.
United Arab Emirates	746	652	43.7	31.3	21.9	3.1	9.4	0.0	0.7	474.7	453.5	460.7	507.8	447.4	.	542.3
United States	429	366	27.0	36.0	32.8	4.2	13.6	0.0	1.0	507.0	513.7	526.7	565.4	516.7	.	537.8
International Avg. (39)	12055	11176	18.3	24.5	48.0	9.2	3.8	0.0	1.1	483.8	477.4	480.9	490.2	490.5	.	483.1
Buenos Aires, Argentina	138	60	18.9	20.6	55.3	5.1	57.3	0.0	0.3	354.4	404.6	397.1	380.5	400.5	.	471.1
Ontario, Canada	217	178	24.6	36.6	35.5	3.4	13.5	0.0	4.4	524.9	521.3	524.3	532.7	510.3	.	534.3
Quebec, Canada	175	158	13.2	4.0	64.9	17.9	8.0	0.0	0.2	531.8	523.1	555.3	546.0	475.4	.	572.1
Norway (8)	239	210	6.7	18.7	67.6	7.0	9.3	0.0	0.4	485.2	487.0	488.5	478.6	481.9	.	481.9
Abu Dhabi, UAE	207	171	44.2	25.7	25.8	4.3	13.4	0.0	0.5	450.4	420.8	444.9	449.7	439.9	.	553.4
Dubai, UAE	267	244	51.2	28.8	14.8	5.2	5.0	0.0	1.2	513.1	506.3	508.9	565.4	465.6	.	594.4
Florida, US	110	77	34.3	36.2	28.9	0.6	25.8	0.0	0.9	485.2	512.4	514.2	562.3	468.9	.	337.8

Question: In teaching mathematics to this class, how often do you ask students to do the following? Work in same ability groups
Location: TQM-18j (BTBM18J)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	746	9.7	20.6	54.8	15.0	10.6	0.0	2.7	514.9	500.9	510.6	512.3	473.9	.	489.2
Bahrain	201	195	24.8	24.7	36.3	14.2	1.1	0.0	1.7	452.3	453.4	458.7	446.2	450.8	.	451.8
Botswana	169	154	6.6	17.9	53.3	22.3	5.5	0.0	1.4	408.6	396.4	390.6	384.4	383.2	.	382.5
Canada	409	353	5.0	25.2	54.6	15.2	10.7	0.0	2.7	538.1	519.2	533.6	533.5	501.9	.	535.1
Chile	173	151	8.3	25.0	41.3	25.4	9.4	0.0	2.2	428.9	434.3	424.0	434.8	406.3	.	424.9
Chinese Taipei	216	215	3.0	12.6	53.7	30.8	0.0	0.0	0.1	591.9	617.0	598.8	592.7	.	.	706.9
Egypt	215	209	10.7	24.4	42.7	22.2	0.8	0.0	1.7	401.9	385.0	385.5	404.0	431.7	.	431.9
England	215	182	30.7	19.9	39.0	10.3	13.9	0.0	0.0	541.8	507.4	507.8	498.1	524.9	.	.
Georgia	188	187	3.1	12.9	64.0	20.0	0.0	0.0	0.6	465.0	438.8	456.3	450.0	.	.	474.2
Hong Kong SAR	175	166	4.0	17.2	59.1	19.7	1.8	0.0	3.5	628.2	585.4	596.1	585.2	615.8	.	607.2
Hungary	278	268	3.6	9.9	69.9	16.7	3.4	0.0	0.4	454.0	492.4	512.4	547.9	518.2	.	518.0
Iran, Islamic Rep. of	251	248	18.6	31.3	37.7	12.4	0.0	0.0	0.7	434.6	433.4	438.9	437.3	.	.	457.7
Ireland	526	484	8.6	16.2	51.4	23.8	7.1	0.0	0.3	531.9	523.9	525.0	512.5	535.6	.	560.4
Israel	603	522	7.4	12.3	55.6	24.7	6.9	0.0	4.1	509.3	481.0	512.9	526.0	513.3	.	484.1
Italy	230	216	3.8	11.0	63.7	21.5	4.6	0.0	0.0	506.9	464.8	494.2	504.0	512.6	.	.
Japan	231	229	8.0	8.9	32.2	50.9	0.3	0.0	0.4	571.2	572.8	591.8	587.9	571.1	.	592.8
Jordan	260	259	7.9	15.8	56.0	20.2	0.0	0.0	0.5	379.5	381.8	384.4	391.0	.	.	522.9
Kazakhstan	239	237	34.9	30.2	33.3	1.6	0.4	0.0	0.3	537.6	528.5	516.3	557.5	518.8	.	460.5
Korea, Rep. of	317	317	19.6	20.1	43.0	17.3	0.0	0.0	0.0	604.7	604.2	606.3	607.3	.	.	.
Kuwait	191	189	10.2	18.8	49.3	21.8	1.4	0.0	0.0	374.5	408.3	393.0	385.6	401.3	.	.
Lebanon	185	172	10.5	27.6	37.2	24.7	2.8	0.0	3.6	452.6	444.3	440.7	441.7	460.6	.	408.2
Lithuania	269	255	6.1	13.6	74.0	6.3	4.8	0.0	1.2	505.2	509.2	510.3	525.7	524.4	.	501.6
Malaysia	326	305	6.6	37.6	47.5	8.3	6.2	0.0	0.0	475.7	476.4	454.4	476.9	455.7	.	.
Malta	224	207	3.4	16.5	46.7	33.4	6.4	0.0	1.2	474.1	489.0	491.7	502.4	480.0	.	512.7
Morocco	373	353	3.0	9.8	44.4	42.7	2.3	0.0	2.8	397.9	380.5	386.1	383.1	384.9	.	375.5
New Zealand	489	462	6.6	25.0	53.8	14.6	3.8	0.0	1.5	500.7	491.8	493.0	494.0	471.8	.	505.3
Norway	239	210	5.5	23.7	59.4	11.5	9.6	0.0	0.3	518.0	515.5	514.6	497.3	498.8	.	479.7
Oman	356	344	9.8	13.6	47.3	29.3	0.3	0.0	1.5	410.1	409.9	401.8	399.2	414.7	.	412.8
Qatar	250	243	16.8	25.4	41.2	16.6	0.5	0.0	1.4	455.3	435.9	429.7	433.4	547.9	.	460.7
Russian Federation	226	223	5.6	26.7	63.2	4.5	0.0	0.0	1.0	533.3	527.9	542.6	541.1	.	.	530.5
Saudi Arabia	149	145	11.9	20.2	38.0	29.9	0.6	0.0	2.1	385.9	360.4	363.8	370.1	448.5	.	350.9
Singapore	334	330	2.4	18.0	52.9	26.7	1.7	0.0	0.0	615.8	617.0	618.6	625.0	681.7	.	.
Slovenia	467	426	5.1	10.0	75.1	9.7	5.6	0.0	1.6	516.7	524.2	515.6	515.8	511.8	.	519.5
South Africa	334	322	10.1	23.4	44.7	21.9	1.1	0.0	1.9	368.6	356.3	365.0	403.3	415.4	.	382.7
Sweden	206	198	2.9	9.4	44.6	43.0	1.8	0.0	1.1	493.5	501.6	497.6	504.0	510.0	.	495.9
Thailand	205	205	6.9	22.8	44.9	25.4	0.0	0.0	0.0	415.7	428.3	427.6	445.2	.	.	.
Turkey	220	220	13.2	24.3	46.6	16.0	0.0	0.0	0.0	473.5	462.3	458.9	434.0	.	.	.
United Arab Emirates	746	651	17.3	32.7	38.3	11.6	9.4	0.0	0.7	470.0	463.1	462.4	481.2	447.4	.	520.1
United States	429	365	7.8	31.8	49.2	11.1	13.6	0.0	1.4	532.6	509.8	520.9	524.4	516.7	.	511.0
International Avg. (39)	12055	11163	9.7	20.2	49.7	20.3	3.8	0.0	1.2	483.9	477.8	480.3	484.5	488.0	.	486.0
Buenos Aires, Argentina	138	60	6.8	18.7	60.1	14.4	57.3	0.0	0.3	365.8	411.6	390.4	369.6	400.5	.	471.1
Ontario, Canada	217	178	5.6	37.1	49.4	7.8	13.5	0.0	4.4	530.1	519.3	525.6	526.9	510.3	.	534.3
Quebec, Canada	175	158	4.8	7.0	60.4	27.9	8.0	0.0	0.2	561.7	524.1	555.1	540.8	475.4	.	572.1
Norway (8)	239	210	3.8	17.7	64.7	13.8	9.3	0.0	0.4	497.4	489.0	487.7	480.3	481.9	.	481.9
Abu Dhabi, UAE	207	172	13.6	32.6	45.2	8.6	13.4	0.0	0.3	422.2	438.8	441.7	480.4	439.9	.	600.6
Dubai, UAE	267	244	21.9	29.9	32.9	15.3	5.0	0.0	1.2	520.2	513.6	502.2	526.2	465.6	.	594.4
Florida, US	110	77	10.7	36.0	46.7	6.5	25.8	0.0	0.9	458.3	505.6	513.8	498.8	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Are the students in this class permitted to use calculators during mathematics lessons?
Location: TQM-19A (BTBM19A)

Country	Sample	Valid N	1.Yes, unrestricted %	2.Yes, restricted %	3.No %	Not Administered %	Not Applicable %	Omitted %	1.Yes, unrestricted Mean	2.Yes, restricted Mean	3.No Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	49.5	49.9	0.7	10.6	0.0	2.3	514.6	504.2	514.3	473.9	.	480.4
Bahrain	201	196	8.1	24.5	67.5	1.1	0.0	2.3	492.0	463.6	446.8	450.8	.	430.2
Botswana	169	154	39.4	56.7	3.9	5.5	0.0	1.4	386.7	395.7	383.9	383.2	.	365.7
Canada	409	355	57.2	42.2	0.6	10.7	0.0	2.3	532.2	527.7	527.3	501.9	.	531.7
Chile	173	151	5.2	76.0	18.8	9.4	0.0	1.5	413.0	422.7	463.0	406.3	.	419.2
Chinese Taipei	216	215	8.8	30.8	60.3	0.0	0.0	0.4	594.2	598.6	600.6	.	.	515.1
Egypt	215	210	67.8	31.3	0.9	0.8	0.0	1.7	392.0	391.1	389.2	431.7	.	403.4
England	215	182	10.0	89.5	0.6	13.9	0.0	0.0	544.8	514.8	406.1	524.9	.	.
Georgia	188	182	8.9	63.0	28.1	0.0	0.0	3.3	435.1	453.9	458.8	.	.	440.3
Hong Kong SAR	175	172	80.2	19.8	0.0	1.8	0.0	0.7	590.0	608.0	.	615.8	.	638.5
Hungary	278	268	13.0	73.5	13.4	3.4	0.0	0.4	539.5	511.5	504.7	518.2	.	518.0
Iran, Islamic Rep. of	251	251	13.9	77.8	8.3	0.0	0.0	0.0	437.4	434.2	454.9	.	.	.
Ireland	526	484	72.0	26.7	1.3	7.1	0.0	0.2	520.3	529.0	514.1	535.6	.	545.5
Israel	603	532	76.5	20.3	3.2	6.9	0.0	2.4	516.8	494.5	519.6	513.3	.	449.8
Italy	230	214	16.9	64.8	18.2	4.6	0.0	0.4	488.7	490.6	509.5	512.6	.	449.3
Japan	231	229	6.6	58.7	34.7	0.3	0.0	0.1	587.2	581.3	595.8	571.1	.	472.4
Jordan	260	259	15.2	41.5	43.2	0.0	0.0	0.7	383.3	389.4	383.0	.	.	365.9
Kazakhstan	239	238	9.4	62.1	28.5	0.4	0.0	0.0	551.0	516.6	544.8	518.8	.	.
Korea, Rep. of	317	316	3.0	35.1	61.8	0.0	0.0	0.3	579.5	598.4	611.0	.	.	649.2
Kuwait	191	187	59.5	29.8	10.7	1.4	0.0	1.1	382.2	398.0	433.6	401.3	.	383.8
Lebanon	185	174	27.2	53.1	19.7	2.8	0.0	3.1	441.6	441.0	451.0	460.6	.	404.8
Lithuania	269	257	50.3	36.8	12.9	4.8	0.0	0.1	506.8	510.3	526.7	524.4	.	521.3
Malaysia	326	305	63.2	36.4	0.4	6.2	0.0	0.0	461.6	474.1	405.8	455.7	.	.
Malta	224	207	31.2	68.8	0.0	6.4	0.0	1.1	495.9	493.3	.	480.0	.	525.6
Morocco	373	358	17.0	76.9	6.1	2.3	0.0	1.0	387.9	385.1	367.7	384.9	.	368.5
New Zealand	489	462	42.2	47.7	10.1	3.8	0.0	0.7	498.5	487.9	502.8	471.8	.	446.7
Norway	239	209	32.9	66.2	0.9	9.6	0.0	0.4	513.5	513.4	461.0	498.8	.	492.9
Oman	356	356	22.0	57.5	20.5	0.0	0.0	0.0	382.2	400.5	432.9	.	.	.
Qatar	250	242	10.9	46.5	42.7	0.5	0.0	1.0	466.5	432.8	433.8	547.9	.	397.4
Russian Federation	226	225	0.0	33.2	66.8	0.0	0.0	0.4	.	547.7	533.3	.	.	519.6
Saudi Arabia	149	147	25.1	48.1	26.7	1.2	0.0	0.0	363.3	367.9	370.7	388.3	.	.
Singapore	334	329	89.6	10.4	0.0	1.7	0.0	0.3	617.9	634.8	.	681.7	.	700.8
Slovenia	467	430	0.5	71.6	28.0	5.6	0.0	1.3	556.7	516.2	516.4	511.8	.	526.6
South Africa	334	318	39.9	60.0	0.1	1.1	0.0	4.9	385.4	364.7	379.8	415.4	.	350.6
Sweden	206	200	31.4	67.8	0.9	1.8	0.0	0.6	502.4	499.8	492.5	510.0	.	500.9
Thailand	205	202	4.0	39.1	57.0	0.0	0.0	1.2	403.1	432.0	430.8	.	.	534.2
Turkey	220	220	15.6	32.4	52.0	0.0	0.0	0.0	439.2	463.7	459.3	.	.	.
United Arab Emirates	746	651	30.5	37.9	31.6	9.4	0.0	0.7	445.9	462.4	492.2	447.4	.	442.1
United States	429	366	42.7	52.2	5.2	13.6	0.0	1.1	521.0	518.9	489.1	516.7	.	541.7
International Avg. (39)	12055	11203	30.7	49.1	20.2	3.8	0.0	1.0	480.8	481.3	472.4	488.5	.	479.1
Buenos Aires, Argentina	138	60	2.8	50.1	47.1	57.3	0.0	0.3	386.7	391.2	388.3	400.5	.	471.1
Ontario, Canada	217	179	49.8	49.3	0.8	13.5	0.0	3.8	524.8	522.7	533.2	510.3	.	531.7
Quebec, Canada	175	159	81.5	18.1	0.3	8.0	0.0	0.0	542.1	582.7	502.9	475.4	.	.
Norway (8)	239	210	15.7	81.0	3.2	9.3	0.0	0.4	494.0	486.9	463.8	481.9	.	481.9
Abu Dhabi, UAE	207	172	36.4	43.2	20.4	13.4	0.0	0.5	436.0	434.1	469.5	439.9	.	432.8
Dubai, UAE	267	244	18.8	34.3	46.8	5.0	0.0	1.1	483.4	527.4	518.4	465.6	.	461.2
Florida, US	110	77	35.9	64.1	0.0	25.8	0.0	0.9	504.4	503.7	.	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do students in this class use calculators in their mathematics lessons for the following activities? Check answers
Location: TQM-19Ba (BTBM19BA)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	749	43.7	26.3	26.5	2.8	10.6	0.7	2.6	507.1	513.2	511.9	480.3	473.9	514.3	487.6
Bahrain	201	193	4.9	5.9	19.5	2.0	1.1	67.8	2.7	518.4	470.9	461.3	448.0	450.8	446.8	434.2
Botswana	169	154	25.1	15.1	50.6	5.3	5.5	3.9	1.4	402.6	378.6	390.3	390.0	383.2	383.9	385.9
Canada	409	355	63.3	21.7	13.1	1.3	10.7	0.6	2.6	537.1	520.0	516.5	535.1	501.9	527.3	520.4
Chile	173	149	10.7	17.1	40.5	12.5	9.4	19.1	3.0	420.1	423.9	423.4	417.9	406.3	463.0	417.9
Chinese Taipei	216	211	1.1	0.0	26.2	11.3	0.0	61.4	2.1	608.2	.	590.7	607.0	.	600.6	612.7
Egypt	215	209	25.7	16.6	56.9	0.0	0.8	0.9	1.5	400.9	393.5	387.5	.	431.7	389.2	389.6
England	215	182	13.5	23.1	56.8	6.0	13.9	0.6	0.0	557.0	530.1	507.5	480.0	524.9	406.1	.
Georgia	188	179	2.7	2.7	53.4	12.9	0.0	28.3	3.7	445.5	451.5	449.3	461.6	.	458.8	444.1
Hong Kong SAR	175	168	41.5	21.1	32.7	4.7	1.8	0.0	3.1	600.2	579.6	599.9	563.5	615.8	.	588.1
Hungary	278	268	17.3	12.0	46.0	11.2	3.4	13.4	0.4	500.3	534.5	511.5	537.2	518.2	504.7	518.0
Iran, Islamic Rep. of	251	244	14.9	26.4	48.0	2.1	0.0	8.6	3.2	437.8	429.8	435.5	441.3	.	454.9	443.5
Ireland	526	481	47.6	22.1	26.0	3.0	7.1	1.3	0.6	519.1	520.4	529.2	538.5	535.6	514.1	532.0
Israel	603	529	52.7	16.3	25.4	2.3	6.9	3.2	2.7	510.7	503.0	519.5	522.2	513.3	519.6	460.5
Italy	230	205	23.9	18.6	28.7	9.6	4.6	19.2	5.1	493.4	488.2	486.5	503.7	512.6	509.5	475.6
Japan	231	224	0.5	0.0	8.0	56.1	0.3	35.5	2.4	619.4	.	577.5	582.6	571.1	595.8	565.4
Jordan	260	253	1.0	5.5	45.0	4.2	0.0	44.2	3.0	354.2	375.5	385.5	414.0	.	383.0	412.7
Kazakhstan	239	227	5.9	5.8	48.7	10.0	0.4	29.6	3.7	511.4	517.7	520.9	527.7	518.8	544.8	527.0
Korea, Rep. of	317	317	0.1	0.2	17.0	21.1	0.0	61.7	0.0	520.0	624.3	594.3	599.8	.	611.0	.
Kuwait	191	183	28.4	26.5	34.2	0.0	1.4	10.9	3.0	410.8	378.3	371.8	.	401.3	433.6	423.5
Lebanon	185	175	30.4	20.2	28.3	1.4	2.8	19.6	2.7	436.3	439.4	446.8	445.5	460.6	451.0	407.9
Lithuania	269	254	45.1	12.5	26.3	3.1	4.8	13.1	1.4	512.4	500.3	500.9	519.3	524.4	526.7	560.9
Malaysia	326	295	52.7	24.3	22.6	0.0	6.5	0.4	2.4	474.4	457.9	455.4	.	457.4	405.8	467.9
Malta	224	207	53.5	25.4	20.4	0.7	6.4	0.0	1.1	498.4	486.9	498.1	316.6	480.0	.	525.6
Morocco	373	347	15.7	9.5	61.2	7.2	2.3	6.3	5.4	389.4	382.1	384.0	396.0	384.9	367.7	381.7
New Zealand	489	455	32.8	20.9	31.8	4.2	3.8	10.3	2.0	495.7	494.3	489.6	491.8	471.8	502.8	470.2
Norway	239	210	40.5	29.6	26.7	2.2	9.6	0.9	0.3	517.6	510.1	511.5	506.4	498.8	461.0	479.7
Oman	356	349	18.1	19.0	41.1	1.1	0.0	20.8	1.2	393.5	392.9	397.0	416.7	.	432.9	394.9
Qatar	250	238	15.7	11.4	27.6	1.7	0.5	43.6	3.0	463.3	438.1	421.3	426.8	547.9	433.8	473.9
Russian Federation	226	223	1.9	0.5	19.9	10.1	0.0	67.6	1.5	541.2	565.1	540.8	566.2	.	533.3	511.1
Saudi Arabia	149	145	14.9	16.8	38.0	3.3	0.6	27.0	1.5	364.8	380.4	356.5	404.8	448.5	370.7	372.7
Singapore	334	329	69.0	17.1	13.6	0.2	1.7	0.0	0.2	621.6	618.4	618.3	465.0	681.7	.	470.5
Slovenia	467	429	1.1	5.2	56.6	9.1	5.6	28.0	1.5	492.6	516.4	518.8	506.0	511.8	516.4	521.6
South Africa	334	312	50.7	13.7	34.5	1.0	1.1	0.1	6.1	383.9	381.4	353.9	384.8	415.4	379.8	351.4
Sweden	206	196	24.4	20.6	44.1	10.0	1.8	0.9	4.6	500.6	496.0	499.0	510.0	510.0	492.5	515.0
Thailand	205	199	7.5	5.7	23.4	5.7	0.0	57.6	2.3	453.6	429.4	425.6	438.0	.	430.8	422.1
Turkey	220	210	0.6	3.3	28.2	13.1	0.0	54.8	5.1	420.6	441.8	459.8	448.7	.	459.3	463.9
United Arab Emirates	746	642	30.7	16.4	17.8	3.0	9.4	32.0	1.8	447.2	451.6	472.7	462.2	447.4	492.2	429.4
United States	429	366	46.4	17.8	27.5	3.1	13.6	5.2	1.1	527.1	517.3	513.3	484.1	516.7	489.1	541.7
International Avg. (39)	12055	11061	25.0	14.7	33.2	6.6	3.8	20.5	2.4	482.3	473.9	477.8	478.9	490.6	472.4	470.3
Buenos Aires, Argentina	138	60	12.8	6.3	21.8	12.1	57.3	47.1	0.3	361.6	436.2	386.0	407.6	400.5	388.3	471.1
Ontario, Canada	217	179	56.2	28.0	13.2	1.7	13.5	0.8	4.4	525.5	522.3	522.0	535.5	510.3	533.2	520.4
Quebec, Canada	175	159	86.5	4.0	8.1	1.1	8.0	0.3	0.0	551.0	550.7	534.4	534.0	475.4	502.9	.
Norway (8)	239	209	23.9	23.6	46.3	3.0	9.3	3.2	0.7	490.9	487.7	487.4	481.8	481.9	463.8	474.4
Abu Dhabi, UAE	207	170	34.3	19.2	20.3	5.3	13.4	20.8	2.3	432.9	409.0	464.4	435.7	439.9	469.5	421.6
Dubai, UAE	267	245	18.6	14.1	17.7	3.0	5.0	46.6	0.7	507.9	519.0	503.8	541.4	465.6	518.4	464.8
Florida, US	110	76	46.9	27.8	21.8	3.4	25.8	0.0	1.5	500.4	500.3	517.5	506.9	468.9	.	384.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do students in this class use calculators in their mathematics lessons for the following activities? Do routine computations
Location: TQM-19Bb (BTBM19BB)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	43.5	28.5	24.2	3.1	10.6	0.7	2.6	509.4	511.1	506.3	514.2	473.9	514.3	487.1
Bahrain	201	191	5.3	6.2	13.5	6.4	1.1	68.6	3.8	499.9	478.1	455.8	483.0	450.8	446.8	426.8
Botswana	169	153	16.4	20.2	51.2	8.2	5.5	4.0	2.8	399.9	392.9	389.1	389.3	383.2	383.9	385.2
Canada	409	354	58.5	19.7	17.2	4.1	10.7	0.6	2.6	537.2	518.9	522.4	527.1	501.9	527.3	520.4
Chile	173	146	5.6	5.2	43.3	26.6	9.4	19.3	3.9	411.9	444.9	420.4	421.9	406.3	463.0	425.0
Chinese Taipei	216	212	0.3	3.0	23.4	12.3	0.0	61.0	1.4	545.3	561.4	606.8	587.3	.	600.6	603.2
Egypt	215	208	18.5	15.1	49.1	16.4	0.8	0.9	2.0	402.4	395.7	387.1	395.2	431.7	389.2	359.6
England	215	182	10.2	24.9	48.2	16.2	13.9	0.6	0.0	573.6	525.1	511.9	489.1	524.9	406.1	.
Georgia	188	181	2.2	5.3	60.4	3.9	0.0	28.1	3.3	452.6	439.5	453.7	454.3	.	458.8	418.2
Hong Kong SAR	175	168	58.6	23.7	16.2	1.5	1.8	0.0	3.1	596.3	572.8	613.1	635.4	615.8	.	588.1
Hungary	278	268	13.6	14.6	32.5	25.9	3.4	13.4	0.4	536.1	495.9	519.8	511.2	518.2	504.7	518.0
Iran, Islamic Rep. of	251	243	11.2	14.5	23.4	42.1	0.0	8.7	3.9	452.0	429.0	427.3	435.1	.	454.9	445.6
Ireland	526	484	50.4	25.3	20.5	2.5	7.1	1.3	0.1	518.9	517.8	534.5	549.5	535.6	514.1	556.7
Israel	603	528	52.0	16.8	25.9	2.1	6.9	3.2	2.9	502.4	523.1	525.2	501.7	513.3	519.6	460.3
Italy	230	205	18.0	14.4	37.6	10.8	4.6	19.2	5.1	490.2	496.5	485.9	502.5	512.6	509.5	475.6
Japan	231	224	4.7	2.4	27.4	30.0	0.3	35.5	2.4	584.4	566.6	583.8	581.7	571.1	595.8	565.4
Jordan	260	254	2.0	5.2	19.8	29.0	0.0	43.9	2.3	378.9	428.4	374.9	390.5	.	383.0	372.8
Kazakhstan	239	227	1.8	1.6	10.4	56.6	0.4	29.6	3.7	538.9	451.7	550.5	516.7	518.8	544.8	527.0
Korea, Rep. of	317	317	1.3	1.2	20.3	15.5	0.0	61.7	0.0	578.2	615.2	596.6	598.4	.	611.0	.
Kuwait	191	183	20.6	22.4	37.1	9.0	1.4	10.9	2.6	403.9	380.4	382.9	380.8	401.3	433.6	404.6
Lebanon	185	174	18.1	18.4	28.1	15.6	2.8	19.8	3.3	447.6	437.3	435.6	447.7	460.6	451.0	410.9
Lithuania	269	254	42.2	12.9	26.3	5.6	4.8	13.1	1.4	509.9	498.9	508.3	504.2	524.4	526.7	560.9
Malaysia	326	295	40.2	23.9	31.5	4.1	6.5	0.4	2.4	471.9	453.9	467.5	468.1	457.4	405.8	467.9
Malta	224	206	45.4	37.4	17.2	0.0	6.4	0.0	1.5	505.8	482.7	488.6	.	480.0	.	510.9
Morocco	373	344	15.5	10.5	42.8	24.9	2.3	6.4	6.2	386.2	385.3	381.5	393.1	384.9	367.7	380.5
New Zealand	489	456	31.8	25.9	28.4	3.7	3.8	10.3	2.2	502.3	479.3	494.0	522.9	471.8	502.8	441.3
Norway	239	210	33.8	34.0	29.6	1.6	9.6	0.9	0.3	518.4	514.1	506.9	516.3	498.8	461.0	479.7
Oman	356	344	7.7	12.7	31.5	26.8	0.0	21.2	3.3	391.1	398.0	384.7	407.4	.	432.9	401.4
Qatar	250	238	7.1	11.4	25.7	12.2	0.5	43.6	3.0	485.0	447.1	429.8	412.8	547.9	433.8	473.9
Russian Federation	226	223	0.5	1.4	19.7	11.0	0.0	67.4	1.3	528.2	548.0	545.7	554.2	.	533.3	522.3
Saudi Arabia	149	146	10.1	12.2	23.3	27.6	0.6	26.9	1.1	363.1	359.4	381.0	356.4	448.5	370.7	386.6
Singapore	334	329	76.8	15.7	7.5	0.0	1.7	0.0	0.2	619.9	620.0	624.6	.	681.7	.	470.5
Slovenia	467	429	0.6	4.6	45.1	21.6	5.6	28.0	1.5	507.1	538.8	517.2	510.8	511.8	516.4	521.6
South Africa	334	308	27.3	20.4	45.3	6.9	1.1	0.1	7.5	399.4	377.9	363.4	327.8	415.4	379.8	349.1
Sweden	206	195	30.2	31.0	27.7	10.2	1.8	0.9	3.6	499.5	505.0	495.9	507.8	510.0	492.5	489.1
Thailand	205	197	1.7	4.5	29.9	5.4	0.0	58.5	3.8	400.7	425.4	434.4	421.7	.	430.8	451.1
Turkey	220	210	1.6	2.0	21.0	20.4	0.0	55.0	5.4	416.8	480.2	456.1	452.7	.	459.3	468.4
United Arab Emirates	746	634	17.9	18.3	23.9	7.7	9.4	32.3	2.6	448.7	459.1	456.3	466.7	447.4	492.2	423.4
United States	429	366	41.4	18.6	26.0	8.8	13.6	5.2	1.1	522.3	521.7	514.1	521.3	516.7	489.1	541.7
International Avg. (39)	12055	11036	21.7	15.0	29.0	13.8	3.8	20.5	2.6	483.0	478.9	480.3	477.2	490.6	472.4	467.3
Buenos Aires, Argentina	138	60	7.9	3.9	23.5	17.7	57.3	47.1	0.3	400.9	462.5	372.0	395.7	400.5	388.3	471.1
Ontario, Canada	217	179	49.2	24.1	19.8	6.0	13.5	0.8	4.4	526.1	515.0	527.0	537.5	510.3	533.2	520.4
Quebec, Canada	175	158	83.8	10.1	5.4	0.3	8.0	0.3	0.0	549.8	546.2	550.8	530.3	475.4	502.9	508.9
Norway (8)	239	210	21.8	31.5	40.2	3.3	9.3	3.2	0.4	494.6	486.0	486.2	486.7	481.9	463.8	481.9
Abu Dhabi, UAE	207	166	24.4	20.7	26.2	7.6	13.4	21.1	3.4	437.1	425.9	439.3	447.3	439.9	469.5	416.5
Dubai, UAE	267	243	12.3	12.0	20.7	8.2	5.0	46.9	1.3	491.8	535.2	511.8	514.9	465.6	518.4	424.5
Florida, US	110	76	36.7	26.9	26.9	9.5	25.8	0.0	1.5	498.2	485.0	528.3	515.1	468.9	.	384.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do students in this class use calculators in their mathematics lessons for the following activities? Solve complex problems
Location: TQM-19Bc (BTBM19BC)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	43.7	27.2	25.8	2.6	10.6	0.7	2.6	513.7	512.7	507.3	419.0	473.9	514.3	487.1
Bahrain	201	194	10.3	8.6	10.6	2.9	1.1	67.6	2.5	476.5	488.2	452.3	464.1	450.8	446.8	435.4
Botswana	169	152	33.4	20.8	39.6	2.1	5.5	4.0	3.8	394.5	391.3	388.1	391.2	383.2	383.9	402.8
Canada	409	354	72.1	19.3	7.3	0.7	10.7	0.6	2.6	533.3	521.6	528.6	528.9	501.9	527.3	520.4
Chile	173	147	13.0	11.2	49.2	7.4	9.4	19.1	3.0	411.2	434.7	419.1	434.0	406.3	463.0	438.3
Chinese Taipei	216	212	0.0	3.0	21.6	14.3	0.0	61.0	1.5	.	600.4	596.7	593.6	.	600.6	622.9
Egypt	215	209	29.0	20.8	43.8	5.5	0.8	0.9	1.3	400.5	401.4	385.9	358.7	431.7	389.2	394.7
England	215	182	11.4	41.3	43.9	2.8	13.9	0.6	0.0	524.1	530.9	508.7	442.4	524.9	406.1	.
Georgia	188	180	3.8	2.8	52.5	12.7	0.0	28.2	3.5	447.1	441.4	446.7	475.1	.	458.8	442.5
Hong Kong SAR	175	168	38.1	30.2	29.0	2.7	1.8	0.0	3.1	593.5	592.1	601.9	539.0	615.8	.	588.1
Hungary	278	268	19.6	19.6	44.4	3.0	3.4	13.4	0.4	531.9	505.1	513.1	520.5	518.2	504.7	518.0
Iran, Islamic Rep. of	251	244	20.4	25.9	34.0	11.1	0.0	8.7	3.6	441.4	431.8	426.6	453.8	.	454.9	434.0
Ireland	526	481	39.7	25.0	27.6	6.4	7.1	1.3	0.7	528.3	523.4	519.5	495.6	535.6	514.1	549.0
Israel	603	527	49.1	20.2	23.5	3.9	6.9	3.2	2.9	513.3	517.0	506.3	507.3	513.3	519.6	460.2
Italy	230	207	33.7	23.5	23.5	0.3	4.6	19.0	4.1	489.5	485.5	499.3	529.1	512.6	509.5	465.1
Japan	231	224	1.3	2.2	28.4	32.5	0.3	35.5	2.4	582.6	564.1	581.2	584.4	571.1	595.8	565.4
Jordan	260	254	1.3	12.9	36.6	5.1	0.0	44.1	2.7	390.3	386.7	383.2	399.3	.	383.0	424.1
Kazakhstan	239	232	9.5	11.9	46.9	2.6	0.4	29.1	2.2	499.3	516.2	527.5	499.5	518.8	544.8	531.0
Korea, Rep. of	317	317	0.6	2.3	27.1	8.3	0.0	61.7	0.0	620.3	576.5	598.7	596.7	.	611.0	.
Kuwait	191	183	26.3	18.2	39.8	4.8	1.4	10.9	3.0	398.0	381.6	382.7	367.4	401.3	433.6	423.5
Lebanon	185	174	20.1	16.0	33.8	10.3	2.8	19.8	3.3	444.5	444.6	436.2	444.8	460.6	451.0	410.9
Lithuania	269	254	51.2	18.2	15.9	1.6	4.8	13.1	1.4	508.8	512.1	497.3	508.4	524.4	526.7	560.9
Malaysia	326	295	47.3	30.7	19.4	2.2	6.5	0.4	2.4	472.1	460.3	467.2	405.6	457.4	405.8	467.9
Malta	224	207	48.0	26.5	21.2	4.3	6.4	0.0	1.1	499.3	506.1	482.3	420.6	480.0	.	525.6
Morocco	373	346	11.6	8.2	54.9	18.9	2.3	6.4	6.0	398.6	370.3	386.7	381.8	384.9	367.7	380.9
New Zealand	489	458	34.3	25.3	26.9	3.2	3.8	10.3	1.7	504.5	492.5	485.0	439.2	471.8	502.8	473.6
Norway	239	209	35.8	36.9	26.4	0.0	9.6	0.9	0.6	517.2	511.0	511.7	.	498.8	461.0	501.1
Oman	356	347	29.5	18.7	29.9	0.8	0.0	21.0	2.2	395.9	395.2	395.3	378.3	.	432.9	401.6
Qatar	250	241	12.3	11.9	30.2	2.8	0.5	42.9	1.4	504.0	470.7	402.2	404.2	547.9	433.8	443.6
Russian Federation	226	224	0.4	1.3	26.6	4.6	0.0	67.2	0.9	514.9	579.7	543.8	564.1	.	533.3	536.8
Saudi Arabia	149	146	20.8	19.2	29.8	3.4	0.6	26.8	0.9	362.3	372.5	366.0	347.2	448.5	370.7	382.1
Singapore	334	329	62.2	18.2	17.9	1.7	1.7	0.0	0.2	619.6	621.3	621.8	614.7	681.7	.	470.5
Slovenia	467	430	1.5	8.7	55.6	6.2	5.6	28.0	1.3	505.1	517.3	516.2	520.6	511.8	516.4	526.6
South Africa	334	312	43.0	22.6	31.5	2.8	1.1	0.1	5.7	380.8	367.4	364.2	388.7	415.4	379.8	357.8
Sweden	206	198	27.7	29.1	39.4	3.0	1.8	0.9	2.2	505.0	500.6	497.3	508.0	510.0	492.5	497.4
Thailand	205	196	4.1	9.9	22.2	5.4	0.0	58.4	3.6	419.5	444.3	420.9	466.6	623.2	430.8	430.5
Turkey	220	214	1.8	4.8	28.2	11.5	0.0	53.8	3.3	394.8	468.3	458.4	449.4	.	459.3	469.9
United Arab Emirates	746	643	25.6	18.5	21.7	2.2	9.4	32.0	1.8	449.1	462.8	452.9	479.8	447.4	492.2	451.3
United States	429	366	48.3	22.3	22.8	1.3	13.6	5.2	1.1	527.0	514.1	509.3	537.3	516.7	489.1	541.7
International Avg. (39)	12055	11074	25.2	17.8	31.0	5.6	3.8	20.4	2.2	479.3	482.4	476.6	470.0	494.8	472.4	473.9
Buenos Aires, Argentina	138	60	17.8	6.6	18.5	10.0	57.3	47.1	0.3	375.8	443.3	392.6	380.5	400.5	388.3	471.1
Ontario, Canada	217	179	66.9	23.0	8.9	0.4	13.5	0.8	4.4	526.0	517.0	529.3	539.2	510.3	533.2	520.4
Quebec, Canada	175	158	85.8	8.6	4.0	1.2	8.0	0.3	0.0	548.1	564.7	554.7	522.7	475.4	502.9	508.9
Norway (8)	239	209	21.1	34.1	39.3	2.4	9.3	3.2	0.7	492.6	488.8	486.3	470.4	481.9	463.8	474.4
Abu Dhabi, UAE	207	168	27.5	22.4	25.7	3.3	13.4	21.0	2.9	426.1	434.0	431.7	503.0	439.9	469.5	470.0
Dubai, UAE	267	244	19.8	13.1	19.8	0.6	5.0	46.8	1.0	502.1	534.7	509.3	449.6	465.6	518.4	434.0
Florida, US	110	76	49.9	27.9	22.3	0.0	25.8	0.0	1.5	505.1	507.6	498.6	.	468.9	.	384.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do students in this class use calculators in their mathematics lessons for the following activities? Explore number concepts
Location: TQM-19Bd (BTBM19BD)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	749	22.2	21.2	45.7	10.2	10.6	0.7	2.6	510.5	509.2	510.4	502.1	473.9	514.3	486.8
Bahrain	201	192	5.5	2.3	18.7	5.3	1.1	68.2	3.3	483.6	483.0	466.3	481.5	450.8	446.8	421.9
Botswana	169	153	20.6	14.9	52.0	8.6	5.5	4.0	2.8	401.9	391.6	386.4	400.4	383.2	383.9	385.2
Canada	409	354	44.4	19.7	28.9	6.5	10.7	0.6	2.6	534.0	519.6	531.2	538.9	501.9	527.3	520.4
Chile	173	145	5.7	13.1	43.7	18.0	9.4	19.4	4.5	424.6	414.6	425.6	417.6	406.3	463.0	423.4
Chinese Taipei	216	211	0.9	3.6	18.8	15.3	0.0	61.4	2.1	558.4	600.3	604.2	587.1	.	600.6	612.7
Egypt	215	206	12.6	15.9	58.8	11.8	0.8	0.9	2.5	394.3	384.5	388.1	424.6	431.7	389.2	366.4
England	215	182	3.1	20.6	67.0	8.8	13.9	0.6	0.0	575.7	528.5	514.7	496.0	524.9	406.1	.
Georgia	188	175	1.0	2.0	40.9	26.9	0.0	29.2	6.8	473.0	461.5	443.3	460.8	.	458.8	453.0
Hong Kong SAR	175	168	15.5	20.6	51.7	12.2	1.8	0.0	3.1	587.2	591.0	602.3	572.9	615.8	.	588.1
Hungary	278	268	6.2	7.2	45.3	27.8	3.4	13.4	0.4	519.7	497.9	507.3	533.2	518.2	504.7	518.0
Iran, Islamic Rep. of	251	241	20.1	19.7	42.2	9.3	0.0	8.7	4.6	426.9	432.1	433.1	456.7	.	454.9	448.5
Ireland	526	481	22.7	18.4	41.1	16.5	7.1	1.3	0.7	511.2	527.6	530.3	512.7	535.6	514.1	549.0
Israel	603	525	29.7	18.0	37.7	11.4	6.9	3.3	3.6	496.8	509.3	527.5	506.3	513.3	519.6	467.8
Italy	230	202	9.1	9.4	37.7	24.3	4.6	19.5	6.4	490.9	495.5	490.6	489.0	512.6	509.5	481.5
Japan	231	224	1.1	3.9	22.3	37.2	0.3	35.5	2.4	627.9	577.9	578.0	583.8	571.1	595.8	565.4
Jordan	260	252	0.6	10.6	31.8	12.6	0.0	44.4	3.4	341.8	389.7	388.3	379.3	.	383.0	409.7
Kazakhstan	239	224	4.8	3.1	45.6	16.2	0.4	30.3	6.2	506.3	473.6	528.9	514.6	518.8	544.8	516.1
Korea, Rep. of	317	317	0.1	1.8	15.8	20.6	0.0	61.7	0.0	520.0	593.9	589.7	603.8	.	611.0	.
Kuwait	191	181	14.6	22.0	41.7	10.6	1.4	11.0	3.9	400.4	401.1	379.7	365.2	401.3	433.6	404.4
Lebanon	185	170	14.6	13.7	44.7	6.7	2.8	20.3	5.6	446.8	440.1	438.9	436.4	460.6	451.0	432.6
Lithuania	269	254	15.8	10.0	33.1	28.1	4.8	13.1	1.4	501.2	525.5	505.8	506.5	524.4	526.7	560.9
Malaysia	326	295	22.6	30.6	38.9	7.5	6.5	0.4	2.4	474.5	456.5	469.0	464.3	457.4	405.8	467.9
Malta	224	206	22.7	25.0	45.3	6.9	6.4	0.0	1.7	500.7	491.0	493.9	483.7	480.0	.	517.3
Morocco	373	342	8.8	7.3	66.9	10.7	2.3	6.4	6.1	393.1	379.1	385.3	388.1	384.9	367.7	379.5
New Zealand	489	458	18.3	20.4	42.3	8.8	3.8	10.3	1.7	503.9	489.2	492.7	479.4	471.8	502.8	473.6
Norway	239	209	9.0	18.8	60.2	11.1	9.6	0.9	0.6	523.2	513.4	511.0	518.8	498.8	461.0	501.1
Oman	356	347	6.4	16.4	43.2	13.1	0.0	21.0	2.2	406.7	394.1	400.6	373.7	.	432.9	401.6
Qatar	250	239	7.8	9.2	28.7	10.8	0.5	43.5	2.9	496.0	461.7	421.9	410.8	547.9	433.8	476.5
Russian Federation	226	222	0.0	1.7	20.9	9.5	0.0	67.9	2.0	.	549.8	539.5	576.6	.	533.3	489.7
Saudi Arabia	149	145	6.8	15.8	32.0	18.3	0.6	27.0	1.5	356.7	387.2	360.8	359.7	448.5	370.7	372.7
Singapore	334	329	44.6	14.3	32.1	9.0	1.7	0.0	0.2	618.5	604.9	625.0	636.2	681.7	.	470.5
Slovenia	467	430	1.5	5.5	57.4	7.6	5.6	28.0	1.3	489.1	510.8	517.4	519.4	511.8	516.4	526.6
South Africa	334	308	32.1	20.3	41.7	5.8	1.1	0.1	6.9	378.2	365.1	371.1	389.6	415.4	379.8	353.9
Sweden	206	195	8.7	11.3	63.1	16.0	1.8	0.9	4.0	522.9	494.2	496.7	509.5	510.0	492.5	496.3
Thailand	205	197	0.4	4.2	27.8	9.4	0.0	58.2	3.2	342.3	442.1	429.5	441.2	.	430.8	428.0
Turkey	220	208	0.0	4.4	22.7	17.6	0.0	55.3	6.0	.	451.4	455.7	450.4	.	459.3	473.9
United Arab Emirates	746	639	14.2	18.3	31.0	4.3	9.4	32.2	2.5	454.8	458.1	450.9	479.7	447.4	492.2	440.7
United States	429	366	32.1	20.4	34.7	7.7	13.6	5.2	1.1	522.3	509.9	526.0	508.4	516.7	489.1	541.7
International Avg. (39)	12055	11009	13.0	13.2	39.8	13.3	3.8	20.6	3.0	478.8	479.7	479.9	481.0	490.6	472.4	470.9
Buenos Aires, Argentina	138	60	13.9	4.0	25.0	10.0	57.3	47.1	0.3	374.2	478.5	385.4	393.1	400.5	388.3	471.1
Ontario, Canada	217	179	40.8	24.1	27.5	6.7	13.5	0.8	4.4	521.9	518.2	528.6	543.1	510.3	533.2	520.4
Quebec, Canada	175	158	57.4	10.5	27.0	4.7	8.0	0.3	0.0	548.5	544.0	555.0	542.2	475.4	502.9	508.9
Norway (8)	239	210	6.5	14.0	64.9	11.4	9.3	3.2	0.4	491.0	482.6	488.0	493.3	481.9	463.8	481.9
Abu Dhabi, UAE	207	167	15.1	25.7	32.8	5.1	13.4	21.3	4.1	433.0	439.3	426.8	459.6	439.9	469.5	446.7
Dubai, UAE	267	244	11.4	8.6	28.2	5.0	5.0	46.8	1.0	505.4	534.5	509.5	504.1	465.6	518.4	434.0
Florida, US	110	76	28.7	24.0	41.8	5.4	25.8	0.0	1.5	484.9	511.4	513.9	502.8	468.9	.	384.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Do the students in this class have computers (including tablets) available to use during their mathematics lessons?
Location: TQM-20A (BTBM20A)

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	941	751	61.9	38.1	10.6	0.0	2.3	511.5	506.0	473.9	.	480.5
Bahrain	201	192	29.5	70.5	1.1	0.0	1.9	458.0	452.5	450.8	.	448.9
Botswana	169	151	7.5	92.5	5.5	0.0	2.3	375.4	392.7	383.2	.	385.3
Canada	409	348	49.8	50.2	10.7	0.0	3.5	527.6	533.3	501.9	.	526.9
Chile	173	148	48.8	51.2	9.4	0.0	3.9	423.4	436.6	406.3	.	416.5
Chinese Taipei	216	215	28.2	71.8	0.0	0.0	0.4	604.4	597.3	.	.	539.2
Egypt	215	198	48.1	51.9	0.8	0.0	7.3	394.7	389.6	431.7	.	390.2
England	215	182	28.8	71.2	13.9	0.0	0.0	510.5	519.9	524.9	.	.
Georgia	188	177	37.7	62.3	0.0	0.0	6.1	453.5	452.1	.	.	462.5
Hong Kong SAR	175	164	21.3	78.7	1.8	0.0	4.6	591.0	595.8	615.8	.	575.2
Hungary	278	267	29.7	70.3	3.4	0.0	0.6	509.4	516.0	518.2	.	552.7
Iran, Islamic Rep. of	251	247	28.1	71.9	0.0	0.0	1.2	456.7	429.1	.	.	391.8
Ireland	526	482	25.4	74.6	7.1	0.0	0.5	514.6	525.3	535.6	.	521.8
Israel	603	532	16.6	83.4	6.9	0.0	2.3	535.5	507.9	513.3	.	442.8
Italy	230	206	42.5	57.5	4.6	0.0	3.7	493.4	495.2	512.6	.	470.7
Japan	231	222	43.3	56.7	0.3	0.0	4.3	585.2	588.1	571.1	.	579.6
Jordan	260	244	39.0	61.0	0.0	0.0	4.9	393.7	377.9	.	.	414.4
Kazakhstan	239	232	52.8	47.2	0.4	0.0	1.2	530.7	524.9	518.8	.	519.0
Korea, Rep. of	317	317	38.6	61.4	0.0	0.0	0.0	604.3	606.6	.	.	.
Kuwait	191	178	18.7	81.3	1.4	0.0	5.1	393.3	392.5	401.3	.	386.2
Lebanon	185	165	7.8	92.2	2.8	0.0	7.8	450.9	442.4	460.6	.	429.1
Lithuania	269	257	38.0	62.0	4.8	0.0	0.1	508.5	512.0	524.4	.	521.3
Malaysia	326	284	10.1	89.9	6.5	0.0	5.6	476.7	464.9	453.7	.	466.5
Malta	224	208	3.5	96.5	6.4	0.0	0.5	470.4	495.2	480.0	.	524.2
Morocco	373	339	10.7	89.3	2.3	0.0	5.5	399.6	382.1	384.9	.	390.9
New Zealand	489	460	47.3	52.7	3.8	0.0	1.0	500.7	488.3	471.8	.	434.3
Norway	239	210	40.4	59.6	9.6	0.0	0.3	513.2	512.8	498.8	.	479.7
Oman	356	328	9.2	90.8	0.0	0.0	9.0	402.6	404.3	.	.	393.4
Qatar	250	238	35.6	64.4	0.5	0.0	2.1	422.4	444.5	547.9	.	431.1
Russian Federation	226	225	47.3	52.7	0.0	0.0	0.2	535.5	540.1	.	.	570.0
Saudi Arabia	149	140	17.1	82.9	0.6	0.0	5.4	396.0	361.2	448.5	.	368.7
Singapore	334	330	34.5	65.5	1.7	0.0	0.0	617.5	621.2	681.7	.	.
Slovenia	467	430	19.2	80.8	5.6	0.0	1.3	517.2	516.3	511.8	.	526.6
South Africa	334	313	9.5	90.5	1.1	0.0	5.5	430.1	366.9	415.4	.	355.2
Sweden	206	198	65.2	34.8	1.8	0.0	1.5	499.1	502.4	510.0	.	518.1
Thailand	205	201	39.0	61.0	0.0	0.0	2.3	441.6	425.2	.	.	424.2
Turkey	220	216	16.2	83.8	0.0	0.0	1.9	471.3	455.5	.	.	435.5
United Arab Emirates	746	633	43.9	56.1	9.4	0.0	2.8	480.9	455.6	447.4	.	462.5
United States	429	366	38.7	61.3	13.6	0.0	1.1	519.2	517.7	516.7	.	536.7
International Avg. (39)	12055	10994	31.5	68.5	3.8	0.0	2.8	485.1	480.7	490.4	.	465.9
Buenos Aires, Argentina	138	59	57.7	42.3	57.3	0.0	1.1	370.9	414.2	400.5	.	425.7
Ontario, Canada	217	174	63.3	36.7	13.5	0.0	5.6	526.7	519.1	510.3	.	527.4
Quebec, Canada	175	157	19.9	80.1	8.0	0.0	0.3	555.6	547.9	475.4	.	511.2
Norway (8)	239	210	49.6	50.4	9.3	0.0	0.4	484.7	489.8	481.9	.	481.9
Abu Dhabi, UAE	207	166	30.3	69.7	13.4	0.0	2.8	468.2	430.6	439.9	.	441.5
Dubai, UAE	267	240	62.9	37.1	5.0	0.0	2.2	523.5	499.3	465.6	.	503.7
Florida, US	110	76	28.4	71.6	25.8	0.0	1.5	482.6	513.0	468.9	.	384.7

Question: What access do the students have to computers? Each student has a computer
Location: TQM-20Ba (BTBM20BA)

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	941	748	38.4	23.3	10.6	38.3	2.8	521.7	494.8	473.9	506.0	486.1
Bahrain	201	188	4.6	24.0	1.1	71.4	3.1	481.8	454.4	450.8	452.5	445.1
Botswana	169	151	0.0	7.5	5.5	92.5	2.3	.	375.4	383.2	392.7	385.3
Canada	409	347	9.4	40.4	10.7	50.3	3.7	539.3	524.8	501.9	533.3	528.0
Chile	173	148	13.0	35.8	9.4	51.2	3.9	419.2	424.9	406.3	436.6	416.5
Chinese Taipei	216	214	0.8	27.2	0.0	72.0	0.7	545.1	608.1	.	597.3	496.7
Egypt	215	197	3.0	45.0	0.8	51.9	7.5	407.6	393.8	431.7	389.6	390.7
England	215	182	10.4	18.4	13.9	71.2	0.0	514.1	508.5	524.9	519.9	.
Georgia	188	177	8.2	29.4	0.0	62.3	6.1	463.8	450.6	.	452.1	462.5
Hong Kong SAR	175	163	6.3	14.6	1.8	79.1	5.0	592.6	591.2	615.8	595.8	574.1
Hungary	278	266	2.0	27.4	3.4	70.6	1.0	509.4	509.9	518.2	516.0	521.3
Iran, Islamic Rep. of	251	245	0.8	26.8	0.0	72.4	1.9	508.0	456.9	.	429.1	396.1
Ireland	526	481	6.3	18.9	7.1	74.8	0.6	526.9	510.9	535.6	525.3	507.3
Israel	603	531	6.1	10.2	6.9	83.7	2.6	569.4	515.7	513.3	507.9	450.8
Italy	230	206	2.9	39.6	4.6	57.5	3.7	502.9	492.7	512.6	495.2	470.7
Japan	231	219	10.1	32.9	0.3	56.9	4.7	588.0	585.4	571.1	588.1	572.5
Jordan	260	244	7.0	32.0	0.0	61.0	4.9	409.7	390.2	.	377.9	414.4
Kazakhstan	239	228	23.0	29.1	0.4	47.9	2.7	530.7	525.9	518.8	524.9	575.3
Korea, Rep. of	317	317	2.6	36.0	0.0	61.4	0.0	607.2	604.1	.	606.6	.
Kuwait	191	177	7.2	11.1	1.4	81.7	5.6	390.7	394.5	401.3	392.5	387.7
Lebanon	185	165	2.4	5.4	2.8	92.2	7.8	481.5	437.4	460.6	442.4	429.1
Lithuania	269	257	0.9	37.1	4.8	62.0	0.1	463.4	509.6	524.4	512.0	521.3
Malaysia	326	283	1.4	8.0	7.3	90.6	5.6	507.7	476.6	451.0	464.9	466.5
Malta	224	208	0.0	3.5	6.4	96.5	0.5	.	470.4	480.0	495.2	524.2
Morocco	373	339	0.4	10.3	2.3	89.3	5.5	508.5	394.8	384.9	382.1	390.9
New Zealand	489	460	15.9	31.3	3.8	52.7	1.0	511.5	495.2	471.8	488.3	434.3
Norway	239	209	18.2	21.9	9.6	59.9	0.6	508.3	517.3	498.8	512.8	499.5
Oman	356	328	3.2	6.1	0.0	90.8	9.0	410.5	398.5	.	404.3	393.4
Qatar	250	235	20.2	14.8	0.5	65.0	3.1	418.1	427.2	547.9	444.5	433.7
Russian Federation	226	224	7.0	40.1	0.0	52.9	0.6	539.2	535.8	.	540.1	487.2
Saudi Arabia	149	140	2.0	15.1	0.6	82.9	5.4	374.5	398.8	448.5	361.2	368.7
Singapore	334	328	17.0	17.2	1.7	65.8	0.5	633.9	604.7	681.7	621.2	499.5
Slovenia	467	430	3.9	15.3	5.6	80.8	1.3	508.8	519.3	511.8	516.3	526.6
South Africa	334	311	1.9	7.4	1.1	90.8	5.7	479.3	417.7	415.4	366.9	358.0
Sweden	206	198	48.3	16.8	1.8	34.8	1.5	497.7	503.3	510.0	502.4	518.1
Thailand	205	200	21.3	17.5	0.0	61.2	2.6	452.9	428.9	.	425.2	419.6
Turkey	220	216	1.0	15.2	0.0	83.8	1.9	515.5	468.2	.	455.5	435.5
United Arab Emirates	746	623	24.0	19.0	9.4	57.0	4.3	469.6	496.8	447.4	455.6	462.4
United States	429	364	16.4	21.9	13.6	61.8	1.8	525.6	513.9	516.7	517.7	535.7
International Avg. (39)	12055	10947	9.4	21.9	3.8	68.7	3.1	498.2	482.7	490.3	480.7	464.5
Buenos Aires, Argentina	138	59	43.9	13.8	57.3	42.3	1.1	373.2	363.7	400.5	414.2	425.7
Ontario, Canada	217	173	7.7	55.5	13.5	36.8	5.9	532.2	525.8	510.3	519.1	528.5
Quebec, Canada	175	157	12.1	7.8	8.0	80.1	0.3	553.5	558.7	475.4	547.9	511.2
Norway (8)	239	210	21.3	28.2	9.3	50.4	0.4	486.0	483.8	481.9	489.8	481.9
Abu Dhabi, UAE	207	165	8.7	21.5	13.4	69.8	3.0	510.1	451.5	439.9	430.6	441.6
Dubai, UAE	267	234	28.3	33.5	5.0	38.2	5.0	513.1	534.5	465.6	499.3	501.2
Florida, US	110	76	4.3	24.1	25.8	71.6	1.5	492.1	481.0	468.9	513.0	384.7

Question: What access do the students have to computers? The class has computers that students can share
Location: TQM-20Bb (BTBM20BB)

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	941	749	13.2	48.6	10.6	38.2	2.7	496.0	516.2	473.9	506.0	478.1
Bahrain	201	188	4.6	24.1	1.1	71.4	3.1	480.8	454.6	450.8	452.5	445.1
Botswana	169	151	0.4	7.1	5.5	92.5	2.3	362.7	376.1	383.2	392.7	385.3
Canada	409	347	24.8	25.0	10.7	50.3	3.7	520.8	534.2	501.9	533.3	528.0
Chile	173	148	28.0	20.8	9.4	51.2	3.9	410.3	441.1	406.3	436.6	416.5
Chinese Taipei	216	214	21.4	6.6	0.0	72.0	0.7	614.3	579.6	.	597.3	496.7
Egypt	215	198	7.8	40.3	0.8	51.9	7.3	392.6	395.1	431.7	389.6	390.2
England	215	182	5.6	23.3	13.9	71.2	0.0	520.8	508.1	524.9	519.9	.
Georgia	188	175	5.3	31.5	0.0	63.1	7.2	439.1	456.0	.	452.1	460.6
Hong Kong SAR	175	163	5.5	15.4	1.8	79.1	5.0	585.7	593.7	615.8	595.8	574.1
Hungary	278	266	8.0	21.4	3.4	70.6	1.0	525.1	504.1	518.2	516.0	521.3
Iran, Islamic Rep. of	251	243	3.5	23.2	0.0	73.3	3.1	485.4	455.8	.	429.1	407.5
Ireland	526	479	2.7	22.3	7.1	75.0	0.9	510.3	516.1	535.6	525.3	493.7
Israel	603	531	4.1	12.2	6.9	83.7	2.6	568.1	524.8	513.3	507.9	450.8
Italy	230	205	26.9	15.3	4.6	57.8	4.2	489.8	500.4	512.6	495.2	471.8
Japan	231	219	13.6	29.4	0.3	56.9	4.7	587.9	585.2	571.1	588.1	572.5
Jordan	260	243	10.5	28.5	0.0	61.1	5.0	394.9	393.4	.	377.9	412.6
Kazakhstan	239	227	40.1	11.6	0.4	48.3	3.5	527.7	532.5	518.8	524.9	554.1
Korea, Rep. of	317	317	23.6	15.0	0.0	61.4	0.0	603.9	605.0	.	606.6	.
Kuwait	191	177	3.0	15.3	1.4	81.7	5.6	384.4	394.7	401.3	392.5	387.7
Lebanon	185	164	1.1	6.2	2.8	92.7	8.2	462.4	446.9	460.6	442.4	431.4
Lithuania	269	257	11.1	27.0	4.8	62.0	0.1	494.4	514.2	524.4	512.0	521.3
Malaysia	326	283	0.7	8.7	7.3	90.6	5.6	506.6	479.0	451.0	464.9	466.5
Malta	224	208	1.2	2.3	6.4	96.5	0.5	564.5	423.9	480.0	495.2	524.2
Morocco	373	339	1.1	9.6	2.3	89.3	5.5	440.9	394.7	384.9	382.1	390.9
New Zealand	489	458	12.4	34.5	3.8	53.0	1.5	492.8	503.7	471.8	488.3	456.0
Norway	239	210	13.9	26.4	9.6	59.6	0.3	517.9	510.7	498.8	512.8	479.7
Oman	356	326	4.6	4.0	0.0	91.3	9.6	391.2	421.1	.	404.3	391.9
Qatar	250	234	6.6	28.0	0.5	65.5	3.7	451.3	414.5	547.9	444.5	435.6
Russian Federation	226	224	22.5	24.6	0.0	52.9	0.6	542.3	530.9	.	540.1	487.2
Saudi Arabia	149	140	5.4	11.7	0.6	82.9	5.4	418.0	385.9	448.5	361.2	368.7
Singapore	334	329	11.3	23.0	1.7	65.6	0.2	612.7	621.2	681.7	621.2	470.5
Slovenia	467	430	3.4	15.8	5.6	80.8	1.3	517.0	517.2	511.8	516.3	526.6
South Africa	334	310	2.1	7.0	1.1	90.9	5.9	420.9	435.6	415.4	366.9	357.2
Sweden	206	198	7.1	58.1	1.8	34.8	1.5	484.6	500.9	510.0	502.4	518.1
Thailand	205	200	23.3	15.5	0.0	61.2	2.6	444.2	438.9	.	425.2	419.6
Turkey	220	216	5.5	10.7	0.0	83.8	1.9	508.0	452.3	.	455.5	435.5
United Arab Emirates	746	625	14.1	28.9	9.4	57.0	4.2	471.1	486.9	447.4	455.6	461.2
United States	429	364	22.0	16.2	13.6	61.8	1.8	514.6	524.7	516.7	517.7	535.7
International Avg. (39)	12055	10937	10.8	20.4	3.8	68.8	3.3	491.2	483.8	490.3	480.7	462.8
Buenos Aires, Argentina	138	59	24.9	32.8	57.3	42.3	1.1	368.9	372.5	400.5	414.2	425.7
Ontario, Canada	217	173	40.4	22.8	13.5	36.8	5.9	521.4	535.8	510.3	519.1	528.5
Quebec, Canada	175	157	2.2	17.8	8.0	80.1	0.3	519.3	560.0	475.4	547.9	511.2
Norway (8)	239	210	18.6	31.0	9.3	50.4	0.4	487.0	483.4	481.9	489.8	481.9
Abu Dhabi, UAE	207	165	11.0	19.2	13.4	69.8	3.0	442.0	483.3	439.9	430.6	441.6
Dubai, UAE	267	236	21.1	40.8	5.0	38.0	4.6	522.1	526.0	465.6	499.3	500.0
Florida, US	110	76	20.9	7.4	25.8	71.6	1.5	484.2	478.1	468.9	513.0	384.7

Question: What access do the students have to computers? The school has computers that the class can use sometimes
Location: TQM-20Bc (BTBM20BC)

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	941	750	36.4	25.5	10.6	38.1	2.3	508.9	515.6	473.9	506.0	478.1
Bahrain	201	188	26.3	2.3	1.1	71.4	3.1	459.0	457.0	450.8	452.5	445.1
Botswana	169	151	7.5	0.0	5.5	92.5	2.3	375.4	.	383.2	392.7	385.3
Canada	409	347	43.8	5.9	10.7	50.3	3.7	525.7	540.9	501.9	533.3	528.0
Chile	173	148	46.0	2.8	9.4	51.2	3.9	424.0	413.2	406.3	436.6	416.5
Chinese Taipei	216	213	21.8	5.9	0.0	72.4	1.2	601.0	629.9	.	597.3	522.0
Egypt	215	198	46.3	1.9	0.8	51.9	7.3	393.0	437.5	431.7	389.6	390.2
England	215	182	27.6	1.2	13.9	71.2	0.0	509.9	523.9	524.9	519.9	.
Georgia	188	177	37.7	0.0	0.0	62.3	6.1	453.5	.	.	452.1	462.5
Hong Kong SAR	175	163	16.0	4.9	1.8	79.1	5.0	594.1	583.7	615.8	595.8	574.1
Hungary	278	266	28.2	1.2	3.4	70.6	1.0	510.4	496.2	518.2	516.0	521.3
Iran, Islamic Rep. of	251	245	24.1	3.4	0.0	72.4	1.9	456.7	469.8	.	429.1	396.1
Ireland	526	481	20.4	4.9	7.1	74.8	0.6	509.0	539.6	535.6	525.3	507.3
Israel	603	530	13.8	2.5	6.9	83.7	2.6	535.6	537.0	513.3	507.9	451.4
Italy	230	204	36.8	4.8	4.6	58.4	5.2	491.6	501.3	512.6	495.2	482.4
Japan	231	219	40.9	2.2	0.3	56.9	4.7	585.4	597.9	571.1	588.1	572.5
Jordan	260	242	37.9	0.9	0.0	61.3	5.4	394.8	371.5	.	377.9	408.2
Kazakhstan	239	227	47.8	3.9	0.4	48.3	3.5	528.3	534.2	518.8	524.9	554.1
Korea, Rep. of	317	317	28.5	10.1	0.0	61.4	0.0	604.7	603.3	.	606.6	.
Kuwait	191	177	14.0	4.3	1.4	81.7	5.6	406.3	349.8	401.3	392.5	387.7
Lebanon	185	164	3.5	3.8	2.8	92.7	8.2	438.5	459.4	460.6	442.4	431.4
Lithuania	269	257	37.3	0.7	4.8	62.0	0.1	509.5	454.0	524.4	512.0	521.3
Malaysia	326	283	7.4	2.0	7.3	90.6	5.6	478.9	489.4	451.0	464.9	466.5
Malta	224	208	3.5	0.0	6.4	96.5	0.5	470.4	.	480.0	495.2	524.2
Morocco	373	338	7.7	2.8	2.3	89.5	5.8	414.7	360.7	384.9	382.1	390.0
New Zealand	489	459	39.4	7.8	3.8	52.8	1.1	498.0	514.2	471.8	488.3	444.7
Norway	239	210	29.6	10.7	9.6	59.6	0.3	514.5	509.7	498.8	512.8	479.7
Oman	356	328	8.3	0.9	0.0	90.8	9.0	400.3	423.1	.	404.3	393.4
Qatar	250	234	24.7	9.9	0.5	65.5	3.7	411.7	446.2	547.9	444.5	435.6
Russian Federation	226	224	44.8	2.3	0.0	52.9	0.6	537.0	524.4	.	540.1	487.2
Saudi Arabia	149	140	13.0	4.1	0.6	82.9	5.4	402.1	376.4	448.5	361.2	368.7
Singapore	334	329	32.7	1.7	1.7	65.6	0.2	615.9	667.4	681.7	621.2	470.5
Slovenia	467	430	18.2	1.0	5.6	80.8	1.3	515.9	539.9	511.8	516.3	526.6
South Africa	334	311	7.1	2.1	1.1	90.8	5.7	432.7	421.7	415.4	366.9	358.0
Sweden	206	198	22.8	42.3	1.8	34.8	1.5	506.3	495.2	510.0	502.4	518.1
Thailand	205	200	28.6	10.2	0.0	61.2	2.6	441.4	444.0	.	425.2	419.6
Turkey	220	215	10.5	5.0	0.0	84.5	2.7	463.3	499.5	.	455.5	425.0
United Arab Emirates	746	623	32.2	10.6	9.4	57.2	4.6	484.2	474.3	447.4	455.6	462.7
United States	429	364	31.9	6.4	13.6	61.8	1.8	518.7	520.0	516.7	517.7	535.7
International Avg. (39)	12055	10940	25.8	5.4	3.8	68.8	3.2	485.2	492.3	490.3	480.7	463.3
Buenos Aires, Argentina	138	59	39.0	18.6	57.3	42.3	1.1	378.5	355.0	400.5	414.2	425.7
Ontario, Canada	217	173	57.0	6.2	13.5	36.8	5.9	526.2	530.5	510.3	519.1	528.5
Quebec, Canada	175	157	13.0	6.9	8.0	80.1	0.3	555.0	556.6	475.4	547.9	511.2
Norway (8)	239	210	37.8	11.8	9.3	50.4	0.4	483.6	488.4	481.9	489.8	481.9
Abu Dhabi, UAE	207	164	23.1	6.6	13.4	70.3	3.5	453.2	526.9	439.9	430.6	436.6
Dubai, UAE	267	236	50.5	11.5	5.0	38.0	4.6	530.2	500.6	465.6	499.3	500.0
Florida, US	110	76	23.1	5.3	25.8	71.6	1.5	488.3	458.1	468.9	513.0	384.7

Question: How often do you have the students do the following activities on computers during mathematics lessons? Explore mathematics principles and concepts
Location: TQM-20Ca (BTBM20CA)

Country	Sample	Valid N	1.Every or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	5.8	19.2	25.8	11.1	10.6	38.1	2.3	489.1	509.1	518.2	512.5	473.9	506.0	478.1
Bahrain	201	187	3.4	7.4	12.1	5.2	1.1	71.9	3.9	468.0	453.5	458.4	455.8	450.8	452.5	454.6
Botswana	169	151	0.0	1.0	1.9	4.7	5.5	92.5	2.3	.	393.7	360.1	377.8	383.2	392.7	385.3
Canada	409	347	4.3	9.6	20.8	15.2	10.7	50.2	3.5	524.6	526.6	529.6	526.3	501.9	533.3	526.9
Chile	173	147	3.2	2.4	23.1	19.9	9.4	51.3	4.1	426.9	391.3	408.9	441.9	406.3	436.6	423.8
Chinese Taipei	216	213	0.2	1.0	11.6	14.8	0.0	72.5	1.3	527.3	672.3	605.8	602.1	.	597.3	565.8
Egypt	215	195	2.3	11.0	21.3	13.4	0.8	52.0	7.6	416.1	402.1	388.9	392.9	431.7	389.6	392.5
England	215	182	2.4	1.3	13.5	11.6	13.9	71.2	0.0	488.3	521.9	509.2	515.5	524.9	519.9	.
Georgia	188	176	1.1	8.5	23.6	4.0	0.0	62.9	6.8	416.9	443.2	457.6	459.5	.	452.1	462.2
Hong Kong SAR	175	163	1.6	2.6	9.3	7.4	1.8	79.1	5.0	536.5	579.5	590.6	609.3	615.8	595.8	574.1
Hungary	278	267	0.3	7.4	11.9	10.1	3.4	70.3	0.6	498.7	523.3	514.1	494.1	518.2	516.0	552.7
Iran, Islamic Rep. of	251	243	1.2	6.6	9.8	9.2	0.0	73.2	3.0	507.8	481.5	451.9	445.3	.	429.1	407.6
Ireland	526	479	0.4	3.1	8.0	13.5	7.1	75.1	1.0	481.8	502.7	521.0	515.7	535.6	525.3	501.9
Israel	603	531	1.0	1.9	8.5	4.9	6.9	83.7	2.6	570.4	494.9	552.2	515.6	513.3	507.9	450.8
Italy	230	203	1.9	7.4	18.3	14.3	4.6	58.0	4.6	470.7	479.9	493.7	500.3	512.6	495.2	483.1
Japan	231	218	0.4	0.0	2.9	39.5	0.3	57.2	5.1	543.2	.	572.1	587.1	571.1	588.1	576.6
Jordan	260	239	1.5	3.3	24.6	9.2	0.0	61.6	5.8	394.7	440.1	393.4	378.6	.	377.9	410.0
Kazakhstan	239	226	5.8	21.3	17.9	6.5	0.4	48.5	3.9	544.5	531.7	522.8	521.7	518.8	524.9	551.5
Korea, Rep. of	317	317	6.2	5.6	13.7	13.1	0.0	61.4	0.0	620.0	599.4	601.9	601.6	.	606.6	.
Kuwait	191	177	4.0	7.7	2.8	3.9	1.4	81.7	5.6	428.4	378.1	391.2	387.5	401.3	392.5	387.7
Lebanon	185	165	1.8	0.5	3.2	2.3	2.8	92.2	7.8	484.8	436.7	449.5	429.7	460.6	442.4	429.1
Lithuania	269	256	0.7	0.7	20.1	16.2	4.8	62.3	0.6	476.4	477.7	507.0	512.6	524.4	512.0	521.0
Malaysia	326	283	0.0	0.6	5.1	3.7	7.3	90.6	5.6	.	562.6	477.7	473.1	451.0	464.9	466.5
Malta	224	208	0.0	0.2	1.8	1.4	6.4	96.5	0.5	.	354.1	488.9	466.4	480.0	495.2	524.2
Morocco	373	338	0.0	0.7	4.2	5.1	2.3	90.0	6.3	391.0	444.6	426.3	368.6	384.9	382.1	393.7
New Zealand	489	458	5.3	13.1	17.8	10.8	3.8	53.0	1.4	486.5	489.5	497.3	527.5	471.8	488.3	450.2
Norway	239	209	0.8	5.0	21.2	13.0	9.6	59.9	0.7	538.6	509.8	511.8	516.1	498.8	512.8	486.7
Oman	356	328	0.7	2.1	6.0	0.4	0.0	90.8	9.0	438.2	383.8	403.5	423.1	.	404.3	393.4
Qatar	250	233	4.8	12.1	14.2	3.3	0.5	65.6	3.9	404.6	421.5	427.2	414.5	547.9	444.5	440.4
Russian Federation	226	223	2.8	13.7	20.0	10.3	0.0	53.2	1.1	530.9	550.0	532.0	526.1	.	540.1	526.3
Saudi Arabia	149	139	1.8	6.1	5.4	3.4	0.6	83.3	5.9	357.3	420.7	387.8	381.1	448.5	361.2	373.1
Singapore	334	329	2.2	5.7	18.8	7.7	1.7	65.6	0.2	653.8	629.2	618.7	599.5	681.7	621.2	470.5
Slovenia	467	430	0.2	1.1	11.1	6.9	5.6	80.8	1.3	530.6	478.3	521.3	516.5	511.8	516.3	526.6
South Africa	334	309	1.8	2.8	0.6	3.5	1.1	91.3	6.3	404.9	435.7	493.7	429.1	415.4	366.9	363.5
Sweden	206	197	1.8	5.6	17.2	40.3	1.8	35.0	2.1	483.9	477.3	497.1	503.3	510.0	502.4	521.2
Thailand	205	199	3.0	6.6	15.1	13.7	0.0	61.7	3.3	435.7	454.8	443.6	433.9	.	425.2	431.7
Turkey	220	215	0.9	4.5	7.5	2.8	0.0	84.3	2.5	445.4	482.3	467.7	470.2	.	455.5	445.4
United Arab Emirates	746	629	7.8	16.6	13.7	5.6	9.4	56.3	3.2	490.6	465.3	495.1	481.3	447.4	455.6	461.3
United States	429	364	6.0	10.5	10.4	11.3	13.6	61.8	1.8	518.4	517.5	524.2	515.5	516.7	517.7	535.7
International Avg. (39)	12055	10923	2.3	6.1	12.7	10.1	3.8	68.9	3.4	484.0	482.0	487.5	482.8	490.3	480.7	468.8
Buenos Aires, Argentina	138	59	4.6	5.4	23.5	24.1	57.3	42.3	1.1	432.5	406.2	366.1	356.0	400.5	414.2	425.7
Ontario, Canada	217	174	7.0	12.5	28.8	15.1	13.5	36.7	5.6	524.7	524.2	527.0	529.2	510.3	519.1	527.4
Quebec, Canada	175	156	0.8	4.9	6.5	7.7	8.0	80.1	0.4	522.8	546.7	563.5	557.9	475.4	547.9	511.2
Norway (8)	239	209	0.0	6.8	26.4	16.1	9.3	50.7	0.8	.	481.1	482.3	489.4	481.9	489.8	499.0
Abu Dhabi, UAE	207	166	2.8	10.4	10.8	6.3	13.4	69.7	2.8	439.4	473.7	457.4	490.3	439.9	430.6	441.5
Dubai, UAE	267	238	14.1	20.8	23.1	4.6	5.0	37.3	2.9	538.0	499.8	536.6	535.2	465.6	499.3	486.9
Florida, US	110	76	6.2	7.0	7.6	7.6	25.8	71.6	1.5	471.2	512.8	494.0	453.0	468.9	513.0	384.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do you have the students do the following activities on computers during mathematics lessons? Practice skills and procedures
Location: TQM-20Cb (BTBM20CB)

Country	Sample	Valid N	1.Every or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	12.1	18.1	22.3	9.5	10.6	38.1	2.3	509.4	508.5	520.3	500.0	473.9	506.0	478.1
Bahrain	201	186	5.1	5.3	13.1	3.9	1.1	72.8	5.0	468.7	461.6	462.9	457.4	450.8	452.5	428.8
Botswana	169	151	0.0	1.0	2.4	4.2	5.5	92.5	2.3	.	393.7	368.2	375.2	383.2	392.7	385.3
Canada	409	346	7.6	7.8	20.8	13.5	10.8	50.2	3.5	536.2	523.2	525.0	529.4	502.2	533.3	526.9
Chile	173	147	2.4	2.9	30.9	12.4	9.4	51.3	4.1	465.8	392.1	407.3	459.9	406.3	436.6	423.8
Chinese Taipei	216	213	0.8	0.8	9.3	16.7	0.0	72.5	1.3	630.4	676.0	607.8	599.7	.	597.3	565.8
Egypt	215	196	5.5	14.3	22.4	5.9	0.8	52.0	7.5	375.2	417.3	388.3	380.6	431.7	389.6	391.5
England	215	182	4.5	4.6	13.8	6.0	13.9	71.2	0.0	531.7	496.4	499.8	530.2	524.9	519.9	.
Georgia	188	175	2.5	8.0	20.9	5.0	0.0	63.6	8.0	431.7	450.9	460.1	446.8	.	452.1	457.0
Hong Kong SAR	175	163	3.1	1.7	7.1	9.0	1.8	79.1	5.0	593.2	606.9	580.7	596.8	615.8	595.8	574.1
Hungary	278	267	2.9	9.6	14.3	3.0	3.4	70.3	0.6	500.8	526.8	503.7	488.9	518.2	516.0	552.7
Iran, Islamic Rep. of	251	242	2.1	5.9	11.5	7.1	0.0	73.4	3.2	542.7	467.0	451.1	438.4	.	429.1	420.2
Ireland	526	480	1.6	3.5	7.3	12.8	7.1	74.9	0.7	500.1	499.6	512.9	521.6	535.6	525.3	514.8
Israel	603	531	3.5	2.8	6.6	3.3	6.9	83.7	2.6	545.0	509.4	552.7	515.1	513.3	507.9	450.8
Italy	230	204	3.1	7.6	18.1	13.6	4.6	57.7	4.1	512.1	478.6	487.5	503.7	512.6	495.2	477.8
Japan	231	218	0.4	0.0	5.4	37.0	0.3	57.2	5.1	543.2	.	578.2	587.2	571.1	588.1	576.6
Jordan	260	240	4.5	6.7	17.1	10.2	0.0	61.5	5.8	376.2	423.1	382.7	400.9	.	377.9	410.3
Kazakhstan	239	226	9.0	25.3	16.0	1.2	0.4	48.5	3.9	534.9	531.1	526.0	467.7	518.8	524.9	551.5
Korea, Rep. of	317	317	4.4	5.7	11.5	16.9	0.0	61.4	0.0	600.1	612.6	598.4	606.7	.	606.6	.
Kuwait	191	177	5.6	7.9	3.3	1.5	1.4	81.7	5.6	401.3	389.9	387.5	390.8	401.3	392.5	387.7
Lebanon	185	162	1.9	2.4	0.4	1.9	2.8	93.4	9.0	485.5	450.7	484.5	418.7	460.6	442.4	430.1
Lithuania	269	257	1.1	0.5	22.0	14.5	4.8	62.0	0.1	489.4	495.2	505.3	515.0	524.4	512.0	521.3
Malaysia	326	283	0.0	0.5	4.7	4.1	7.3	90.6	5.6	.	559.8	473.9	479.1	451.0	464.9	466.5
Malta	224	208	0.1	0.0	1.7	1.7	6.4	96.5	0.5	269.8	.	506.3	450.1	480.0	495.2	524.2
Morocco	373	338	0.0	0.9	3.5	5.6	2.3	90.0	6.3	391.0	457.5	420.7	375.3	384.9	382.1	393.7
New Zealand	489	458	7.6	14.4	12.7	12.3	3.8	53.0	1.4	491.2	492.5	489.2	528.7	471.8	488.3	450.2
Norway	239	210	0.8	9.5	25.2	4.9	9.6	59.6	0.3	538.6	509.9	514.2	510.3	498.8	512.8	479.7
Oman	356	325	0.6	1.5	4.5	2.4	0.0	91.2	9.4	417.7	431.5	386.6	402.8	.	404.3	395.7
Qatar	250	234	8.8	16.8	7.6	1.4	0.5	65.5	3.7	405.0	428.7	427.6	406.6	547.9	444.5	435.6
Russian Federation	226	222	3.7	17.2	20.3	5.3	0.0	53.4	1.6	547.8	540.5	533.9	518.7	.	540.1	534.6
Saudi Arabia	149	139	1.5	7.8	4.2	3.2	0.6	83.3	5.9	363.8	389.0	430.6	379.4	448.5	361.2	373.1
Singapore	334	329	4.4	5.6	17.0	7.4	1.7	65.6	0.2	631.7	600.7	621.1	617.6	681.7	621.2	470.5
Slovenia	467	430	0.4	1.1	12.3	5.5	5.6	80.8	1.3	534.2	478.3	518.8	520.2	511.8	516.3	526.6
South Africa	334	310	1.9	3.0	1.2	2.8	1.1	91.0	6.0	392.3	444.3	442.3	438.4	415.4	366.9	359.8
Sweden	206	198	5.1	8.6	24.2	27.3	1.8	34.8	1.5	491.7	479.5	503.6	502.7	510.0	502.4	518.1
Thailand	205	199	3.6	9.3	12.6	12.8	0.0	61.7	3.3	417.5	467.3	437.7	433.0	.	425.2	431.7
Turkey	220	216	0.9	4.2	5.7	5.4	0.0	83.8	1.9	445.4	496.2	443.5	485.4	.	455.5	435.5
United Arab Emirates	746	629	13.3	16.2	10.9	3.3	9.4	56.3	3.2	480.9	469.1	506.0	459.9	447.4	455.6	461.3
United States	429	364	8.0	14.2	8.6	7.5	13.6	61.8	1.8	507.5	515.7	518.6	537.3	516.7	517.7	535.7
International Avg. (39)	12055	10922	3.7	7.0	12.1	8.3	3.8	68.9	3.4	483.8	488.4	486.3	481.4	490.3	480.7	468.0
Buenos Aires, Argentina	138	59	6.9	5.4	21.2	24.2	57.3	42.3	1.1	419.3	406.2	360.2	358.6	400.5	414.2	425.7
Ontario, Canada	217	173	9.1	11.4	28.7	14.0	13.7	36.8	5.6	524.7	524.4	525.5	532.4	510.5	519.1	527.4
Quebec, Canada	175	156	6.0	2.7	4.4	6.9	8.0	80.1	0.4	562.7	540.9	554.6	555.7	475.4	547.9	511.2
Norway (8)	239	210	0.4	13.4	31.4	4.3	9.3	50.4	0.4	505.4	487.3	482.4	492.1	481.9	489.8	481.9
Abu Dhabi, UAE	207	166	5.7	10.4	10.8	3.4	13.4	69.7	2.8	496.8	456.0	469.5	453.7	439.9	430.6	441.5
Dubai, UAE	267	238	20.1	23.9	15.8	2.8	5.0	37.3	2.9	527.7	509.0	552.0	480.5	465.6	499.3	486.9
Florida, US	110	76	8.0	9.7	10.6	0.1	25.8	71.6	1.5	485.3	488.0	474.8	606.3	468.9	513.0	384.7

Question: How often do you have the students do the following activities on computers during mathematics lessons? Look up ideas and information
Location: TQM-20Cc (BTBM20CC)

Country	Sample	Valid N	1.Every or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	4.4	18.1	25.8	13.6	10.6	38.1	2.3	490.5	508.8	522.8	501.2	473.9	506.0	478.1
Bahrain	201	185	2.8	5.3	16.1	2.5	1.1	73.3	5.7	444.9	469.1	453.3	521.0	450.8	452.5	437.4
Botswana	169	150	0.0	1.0	2.5	3.5	5.5	92.9	2.8	.	400.0	372.9	376.6	383.2	392.7	375.8
Canada	409	347	2.2	12.5	17.8	17.3	10.7	50.2	3.5	528.8	535.8	521.9	527.4	501.9	533.3	526.9
Chile	173	148	2.6	3.8	26.0	16.4	9.4	51.2	3.9	404.6	404.3	413.3	446.8	406.3	436.6	416.5
Chinese Taipei	216	214	0.3	0.6	14.6	12.5	0.0	72.0	0.7	545.3	566.1	611.3	603.6	.	597.3	496.7
Egypt	215	196	6.6	15.4	22.6	3.3	0.8	52.0	7.5	408.9	394.9	390.9	388.3	431.7	389.6	391.5
England	215	182	1.6	4.2	11.0	12.1	13.9	71.2	0.0	448.1	510.0	510.2	519.1	524.9	519.9	.
Georgia	188	175	3.3	7.5	23.6	2.0	0.0	63.6	8.0	421.2	456.8	456.8	468.9	.	452.1	457.0
Hong Kong SAR	175	163	0.7	4.1	8.3	7.8	1.8	79.1	5.0	520.7	557.3	600.0	607.4	615.8	595.8	574.1
Hungary	278	267	0.0	4.1	18.3	7.3	3.4	70.3	0.6	.	484.2	510.0	522.1	518.2	516.0	552.7
Iran, Islamic Rep. of	251	241	0.5	4.2	11.9	9.6	0.0	73.9	3.8	466.8	474.4	456.9	440.2	.	429.1	456.4
Ireland	526	479	0.1	3.9	6.1	15.0	7.1	74.9	0.8	485.4	492.5	516.2	519.8	535.6	525.3	520.0
Israel	603	531	1.4	1.9	8.4	4.7	6.9	83.7	2.6	570.4	547.5	547.7	499.9	513.3	507.9	450.8
Italy	230	204	4.6	6.6	19.9	11.2	4.6	57.7	4.1	487.6	477.7	496.4	497.9	512.6	495.2	477.8
Japan	231	218	0.4	0.0	3.3	39.1	0.3	57.2	5.1	543.2	.	586.7	586.0	571.1	588.1	576.6
Jordan	260	239	2.6	9.0	20.1	6.8	0.0	61.6	5.8	392.2	399.6	390.1	398.0	.	377.9	410.0
Kazakhstan	239	227	13.8	22.3	14.7	0.8	0.4	48.3	3.5	530.2	521.5	539.3	513.4	518.8	524.9	554.1
Korea, Rep. of	317	317	1.6	4.9	17.8	14.2	0.0	61.4	0.0	606.3	597.2	600.9	610.9	.	606.6	.
Kuwait	191	177	6.1	5.6	5.0	1.7	1.4	81.7	5.6	405.8	387.0	391.4	371.0	401.3	392.5	387.7
Lebanon	185	163	1.2	0.6	1.7	3.3	2.8	93.3	8.8	443.5	430.2	466.1	453.6	460.6	442.4	430.1
Lithuania	269	256	1.1	3.0	24.5	9.0	4.8	62.3	0.6	510.4	516.5	508.3	505.2	524.4	512.0	521.0
Malaysia	326	283	0.4	0.8	6.0	2.2	7.3	90.6	5.6	505.8	542.2	486.1	440.3	451.0	464.9	466.5
Malta	224	208	0.0	0.0	1.7	1.8	6.4	96.5	0.5	.	.	506.3	436.7	480.0	495.2	524.2
Morocco	373	338	0.0	0.8	4.8	4.4	2.3	90.0	6.3	391.0	437.7	409.1	379.6	384.9	382.1	393.7
New Zealand	489	457	4.6	12.6	17.4	12.3	3.8	53.1	1.6	481.8	500.0	506.5	500.3	471.8	488.3	460.0
Norway	239	210	0.0	4.2	22.4	13.8	9.6	59.6	0.3	.	505.0	511.2	518.9	498.8	512.8	479.7
Oman	356	325	0.4	2.6	5.9	0.0	0.0	91.2	9.4	398.5	415.6	393.6	.	.	404.3	395.7
Qatar	250	234	3.1	12.2	14.9	4.4	0.5	65.5	3.7	448.1	418.9	418.9	419.1	547.9	444.5	435.6
Russian Federation	226	223	5.0	16.3	20.9	4.7	0.0	53.2	1.1	543.3	555.2	526.4	503.7	.	540.1	526.3
Saudi Arabia	149	139	1.0	7.7	7.1	0.8	0.6	83.3	5.9	358.9	391.6	407.1	371.7	448.5	361.2	373.1
Singapore	334	329	0.8	4.4	18.0	11.2	1.7	65.6	0.2	634.8	636.9	623.7	601.6	681.7	621.2	470.5
Slovenia	467	430	0.4	2.1	10.1	6.6	5.6	80.8	1.3	515.9	508.5	522.8	511.3	511.8	516.3	526.6
South Africa	334	309	1.6	1.3	2.1	3.7	1.1	91.3	6.3	413.7	458.2	439.5	424.0	415.4	366.9	363.5
Sweden	206	197	2.2	5.6	24.5	32.7	1.8	35.0	2.1	477.3	485.0	493.7	508.3	510.0	502.4	496.4
Thailand	205	200	2.0	12.1	14.2	10.6	0.0	61.2	2.6	489.6	428.1	457.3	428.8	.	425.2	419.6
Turkey	220	216	3.0	5.7	6.1	1.5	0.0	83.8	1.9	515.0	454.0	475.8	428.3	.	455.5	435.5
United Arab Emirates	746	629	9.1	17.5	13.9	3.3	9.4	56.3	3.2	495.8	478.0	474.7	484.8	447.4	455.6	461.3
United States	429	364	4.0	12.1	12.8	9.3	13.6	61.8	1.8	495.0	526.7	520.8	516.4	516.7	517.7	535.7
International Avg. (39)	12055	10920	2.5	6.6	13.4	8.6	3.8	68.9	3.5	480.5	483.0	488.1	483.0	490.3	480.7	466.4
Buenos Aires, Argentina	138	59	5.8	6.6	23.7	21.6	57.3	42.3	1.1	406.2	414.7	365.2	354.3	400.5	414.2	425.7
Ontario, Canada	217	174	3.8	19.2	26.7	13.6	13.5	36.7	5.6	528.1	534.0	523.3	522.9	510.3	519.1	527.4
Quebec, Canada	175	156	0.1	2.5	3.4	13.8	8.0	80.1	0.4	555.4	551.5	548.6	558.0	475.4	547.9	511.2
Norway (8)	239	210	0.0	7.8	22.4	19.4	9.3	50.4	0.4	.	484.7	483.6	486.1	481.9	489.8	481.9
Abu Dhabi, UAE	207	166	3.0	9.5	14.4	3.3	13.4	69.7	2.8	519.7	470.4	436.6	551.4	439.9	430.6	441.5
Dubai, UAE	267	238	16.7	26.2	17.1	2.8	5.0	37.3	2.9	534.1	512.3	538.6	497.2	465.6	499.3	486.9
Florida, US	110	76	4.3	3.0	9.1	12.0	25.8	71.6	1.5	436.0	487.0	512.6	475.6	468.9	513.0	384.7

Question: How often do you have the students do the following activities on computers during mathematics lessons? Process and analyze data
Location: TQM-20Cd (BTBM20CD)

Country	Sample	Valid N	1.Every or almost every day %	2.Once or twice a week %	3.Once or twice a month %	4.Never or almost never %	Not Administered %	Not Applicable %	Omitted %	1.Every or almost every day Mean	2.Once or twice a week Mean	3.Once or twice a month Mean	4.Never or almost never Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	750	4.3	11.9	27.6	18.1	10.6	38.1	2.3	493.0	514.9	510.7	515.3	473.9	506.0	478.1
Bahrain	201	185	3.4	4.0	8.7	10.6	1.1	73.3	5.7	462.5	466.9	459.4	462.1	450.8	452.5	437.4
Botswana	169	151	0.0	1.0	1.4	5.2	5.5	92.5	2.3	.	393.7	371.0	373.1	383.2	392.7	385.3
Canada	409	347	3.2	8.4	19.7	18.6	10.7	50.2	3.5	537.3	530.4	524.8	527.6	501.9	533.3	526.9
Chile	173	147	1.5	4.1	30.0	13.1	9.4	51.3	4.1	413.9	430.6	410.5	449.5	406.3	436.6	423.8
Chinese Taipei	216	213	0.0	1.0	10.3	16.3	0.0	72.5	1.3	.	672.3	601.9	603.8	.	597.3	565.8
Egypt	215	196	4.7	8.0	19.5	15.8	0.8	52.0	7.5	367.3	405.5	401.0	389.1	431.7	389.6	391.5
England	215	182	1.6	1.8	10.0	15.4	13.9	71.2	0.0	448.1	507.0	508.6	518.5	524.9	519.9	.
Georgia	188	175	1.3	7.8	24.2	3.0	0.0	63.6	8.0	387.4	465.8	452.8	465.7	.	452.1	457.0
Hong Kong SAR	175	163	0.0	1.7	9.8	9.3	1.8	79.1	5.0	.	524.7	589.7	606.1	615.8	595.8	574.1
Hungary	278	267	0.4	6.0	11.6	11.6	3.4	70.3	0.6	478.7	503.8	508.1	514.8	518.2	516.0	552.7
Iran, Islamic Rep. of	251	242	0.9	4.5	12.4	8.8	0.0	73.4	3.2	506.8	451.0	464.9	448.0	.	429.1	420.2
Ireland	526	480	0.4	3.0	6.7	15.0	7.1	74.9	0.7	448.4	506.2	506.7	521.6	535.6	525.3	514.8
Israel	603	531	1.1	2.9	6.6	5.8	6.9	83.7	2.6	563.3	538.4	564.7	496.2	513.3	507.9	450.8
Italy	230	203	1.1	5.4	19.7	15.7	4.6	58.1	4.7	485.2	472.2	498.0	495.0	512.6	495.2	477.3
Japan	231	218	0.0	0.0	4.6	38.1	0.3	57.2	5.1	.	.	587.7	585.4	571.1	588.1	576.6
Jordan	260	239	2.8	6.3	15.7	13.6	0.0	61.6	5.8	436.3	374.2	391.8	396.7	.	377.9	410.0
Kazakhstan	239	226	9.0	19.5	16.9	6.2	0.4	48.4	3.7	534.0	536.5	518.9	518.2	518.8	524.9	561.0
Korea, Rep. of	317	317	1.1	5.4	12.5	19.6	0.0	61.4	0.0	645.7	599.6	590.1	612.5	.	606.6	.
Kuwait	191	177	4.3	7.6	3.0	3.4	1.4	81.7	5.6	354.6	411.1	406.2	389.5	401.3	392.5	387.7
Lebanon	185	163	2.5	1.9	0.4	1.9	2.8	93.3	8.8	482.8	440.5	484.5	418.7	460.6	442.4	430.1
Lithuania	269	254	0.5	1.4	20.8	14.1	4.8	63.2	1.9	512.5	509.8	503.2	514.1	524.4	512.0	521.5
Malaysia	326	284	0.4	0.8	2.6	6.0	6.9	90.3	5.6	417.9	539.5	488.3	470.4	452.7	464.9	466.5
Malta	224	208	0.0	0.0	1.8	1.7	6.4	96.5	0.5	.	.	488.9	450.1	480.0	495.2	524.2
Morocco	373	338	0.3	0.9	3.5	5.3	2.3	90.0	6.3	417.3	474.5	413.8	374.4	384.9	382.1	393.7
New Zealand	489	457	3.4	8.3	21.3	14.0	3.8	53.0	1.4	467.6	488.5	504.9	510.1	471.8	488.3	450.0
Norway	239	210	0.0	6.1	23.2	11.1	9.6	59.6	0.3	.	521.0	514.3	506.5	498.8	512.8	479.7
Oman	356	299	0.0	0.3	1.3	0.0	6.7	98.4	9.4	.	442.5	421.1	.	395.5	404.3	395.6
Qatar	250	234	1.5	10.4	14.6	8.0	0.5	65.5	3.7	460.1	420.6	417.7	422.3	547.9	444.5	435.6
Russian Federation	226	221	4.1	9.0	21.1	12.2	0.0	53.6	1.9	547.2	545.4	530.1	529.7	.	540.1	563.5
Saudi Arabia	149	139	0.4	5.2	8.7	2.3	0.6	83.3	5.9	359.5	432.8	377.7	382.7	448.5	361.2	373.1
Singapore	334	329	0.5	4.4	14.2	15.3	1.7	65.6	0.2	620.2	606.8	643.7	598.3	681.7	621.2	470.5
Slovenia	467	430	0.2	1.2	11.7	6.2	5.6	80.8	1.3	530.6	510.4	519.2	514.3	511.8	516.3	526.6
South Africa	334	309	1.4	1.3	1.8	4.3	1.1	91.3	6.3	389.9	444.3	394.3	455.6	415.4	366.9	363.5
Sweden	206	198	1.2	2.8	21.7	39.5	1.8	34.8	1.5	511.1	440.3	491.0	507.4	510.0	502.4	518.1
Thailand	205	199	1.5	7.2	14.7	14.9	0.0	61.7	3.3	494.4	435.0	440.8	439.7	.	425.2	431.7
Turkey	220	214	3.7	1.5	6.5	3.4	0.0	84.9	3.3	501.1	433.9	474.6	447.7	.	455.5	451.1
United Arab Emirates	746	629	6.7	12.7	18.0	6.2	9.4	56.3	3.2	473.7	467.5	487.9	497.9	447.4	455.6	461.3
United States	429	364	5.1	8.6	12.0	12.5	13.6	61.8	1.8	522.3	522.3	518.8	515.2	516.7	517.7	535.7
International Avg. (39)	12055	10888	1.9	5.0	12.6	11.3	4.0	69.2	3.6	477.2	486.0	486.7	485.4	487.3	480.7	469.8
Buenos Aires, Argentina	138	59	4.6	4.8	23.2	25.0	57.3	42.3	1.1	432.5	429.4	352.1	365.8	400.5	414.2	425.7
Ontario, Canada	217	174	4.4	12.9	30.4	15.6	13.5	36.7	5.6	534.6	532.8	525.1	522.6	510.3	519.1	527.4
Quebec, Canada	175	156	1.1	1.8	3.2	13.9	8.0	80.1	0.4	555.1	546.4	540.9	560.1	475.4	547.9	511.2
Norway (8)	239	210	1.4	6.8	33.8	7.6	9.3	50.4	0.4	495.8	483.9	483.2	490.2	481.9	489.8	481.9
Abu Dhabi, UAE	207	166	3.1	7.9	13.4	5.9	13.4	69.7	2.8	501.6	440.3	450.0	528.5	439.9	430.6	441.5
Dubai, UAE	267	238	8.3	19.6	26.8	8.0	5.0	37.3	2.9	521.2	512.2	540.5	505.4	465.6	499.3	486.9
Florida, US	110	76	8.1	4.0	9.3	7.0	25.8	71.6	1.5	488.5	527.3	482.5	450.2	468.9	513.0	384.7

Question: When students in this class have been taught each of the following mathematics topics. Number: Computing with whole numbers
Location: TQM-21Aa (BTBM21AA)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	82.5	17.5	0.0	10.6	0.0	3.5	512.2	498.1	459.3	473.9	.	482.3
Bahrain	201	195	86.9	11.8	1.3	1.1	0.0	1.6	453.9	456.1	384.8	450.8	.	499.7
Botswana	169	151	82.8	12.2	5.1	5.5	0.0	2.8	394.9	386.0	358.9	383.2	.	367.0
Canada	409	354	85.3	14.7	0.0	10.7	0.0	2.6	531.5	522.0	.	501.9	.	537.7
Chile	173	149	89.9	10.1	0.0	9.4	0.0	2.7	434.1	389.1	.	406.3	.	430.1
Chinese Taipei	216	214	98.3	1.7	0.0	0.0	0.0	0.8	599.2	544.4	.	.	.	701.7
Egypt	215	210	84.8	15.2	0.0	0.8	0.0	1.0	394.5	374.5	.	431.7	.	431.2
England	215	182	92.1	7.4	0.5	13.9	0.0	0.0	521.2	467.2	510.6	524.9	.	.
Georgia	188	187	96.3	3.7	0.0	0.0	0.0	0.4	454.0	438.7	.	.	.	398.7
Hong Kong SAR	175	173	96.2	3.4	0.4	1.8	0.0	0.0	592.8	614.6	677.4	615.8	.	.
Hungary	278	267	99.9	0.1	0.0	3.4	0.0	0.6	514.0	554.3	.	518.2	.	552.7
Iran, Islamic Rep. of	251	249	86.3	12.5	1.2	0.0	0.0	0.9	437.1	436.1	413.9	.	.	399.2
Ireland	526	479	95.2	4.4	0.4	7.1	0.0	1.0	523.1	518.2	495.5	535.6	.	502.0
Israel	603	527	96.2	3.2	0.6	6.9	0.0	2.9	514.9	440.4	460.7	513.3	.	464.6
Italy	230	216	98.9	1.1	0.0	4.6	0.0	0.0	493.7	479.6	.	512.6	.	.
Japan	231	229	98.4	0.5	1.1	0.3	0.0	0.3	586.4	583.2	605.9	571.1	.	572.6
Jordan	260	255	80.2	19.3	0.5	0.0	0.0	2.1	386.7	382.8	274.8	.	.	394.7
Kazakhstan	239	236	93.9	6.1	0.0	0.4	0.0	0.5	530.3	495.0	.	518.8	.	470.9
Korea, Rep. of	317	317	96.3	3.7	0.0	0.0	0.0	0.0	606.4	588.8	.	.	.	.
Kuwait	191	188	93.8	5.1	1.1	1.4	0.0	0.5	393.2	399.3	332.8	401.3	.	297.7
Lebanon	185	173	90.7	9.3	0.0	2.8	0.0	2.7	443.1	437.1	.	460.6	.	418.0
Lithuania	269	256	99.7	0.3	0.0	4.8	0.0	0.2	510.7	473.1	.	524.4	.	510.8
Malaysia	326	301	89.9	10.1	0.0	6.8	0.0	0.7	471.7	423.8	.	450.1	.	409.1
Malta	224	206	89.4	10.2	0.4	6.4	0.0	1.2	499.8	452.8	391.9	480.0	.	483.2
Morocco	373	356	92.1	7.4	0.5	2.3	0.0	1.9	385.0	375.8	337.0	384.9	.	401.4
New Zealand	489	459	74.2	25.3	0.6	3.8	0.0	1.2	504.1	468.0	353.1	471.8	.	445.4
Norway	239	209	86.5	13.5	0.0	9.6	0.0	1.1	513.3	511.6	.	498.8	.	499.1
Oman	356	345	89.2	9.6	1.3	0.0	0.0	2.7	404.4	406.7	392.2	.	.	354.5
Qatar	250	242	86.8	11.0	2.2	0.5	0.0	2.3	438.8	436.6	398.8	547.9	.	385.5
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	87.0	13.0	0.0	0.6	0.0	1.6	368.5	359.1	.	448.5	.	364.4
Singapore	334	330	97.3	2.0	0.6	1.7	0.0	0.0	621.1	563.1	616.0	681.7	.	.
Slovenia	467	430	17.4	81.9	0.7	5.6	0.0	1.3	517.8	516.4	497.4	511.8	.	526.6
South Africa	334	313	59.8	35.0	5.3	1.1	0.0	5.6	383.3	359.8	315.6	415.4	.	377.8
Sweden	206	197	64.6	34.1	1.3	1.8	0.0	1.7	506.7	489.1	480.9	510.0	.	510.9
Thailand	205	203	72.8	27.2	0.0	0.0	0.0	1.0	432.1	430.1	.	.	.	420.6
Turkey	220	220	98.8	1.2	0.0	0.0	0.0	0.0	457.7	448.2	.	.	.	.
United Arab Emirates	746	648	88.8	11.2	0.0	9.4	0.0	1.3	469.0	443.0	.	447.4	.	500.1
United States	429	365	95.1	4.7	0.2	13.6	0.0	0.8	519.2	496.8	548.8	516.7	.	548.8
International Avg. (38)	12055	10918	87.2	12.1	0.7	3.9	0.0	1.4	482.1	464.7	443.2	490.3	.	458.1
Buenos Aires, Argentina	138	60	29.1	70.9	0.0	57.3	0.0	0.3	405.3	383.3	.	400.5	.	471.1
Ontario, Canada	217	179	76.6	23.4	0.0	13.5	0.0	4.2	523.1	524.4	.	510.3	.	539.6
Quebec, Canada	175	158	99.0	1.0	0.0	8.0	0.0	0.2	549.7	532.6	.	475.4	.	462.3
Norway (8)	239	208	63.0	37.0	0.0	9.3	0.0	1.2	486.6	488.8	.	481.9	.	476.8
Abu Dhabi, UAE	207	171	85.7	14.3	0.0	13.4	0.0	1.4	442.8	420.2	.	439.9	.	583.7
Dubai, UAE	267	244	94.2	5.8	0.0	5.0	0.0	1.0	516.3	485.8	.	465.6	.	495.7
Florida, US	110	77	90.1	9.9	0.0	25.8	0.0	0.9	509.4	454.0	.	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Number: Comparing and ordering rational numbers
Location: TQM-21Ab (BTBM21AB)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	63.5	34.5	2.0	10.6	0.0	3.5	511.8	506.8	493.1	473.9	.	482.2
Bahrain	201	197	45.4	54.0	0.6	1.1	0.0	1.0	457.9	451.9	368.4	450.8	.	443.0
Botswana	169	150	56.4	9.9	33.7	5.5	0.0	3.2	391.0	399.6	388.6	383.2	.	398.1
Canada	409	354	69.7	28.8	1.5	10.8	0.0	2.2	534.9	522.1	466.7	502.0	.	535.5
Chile	173	149	60.7	35.0	4.3	9.4	0.0	2.7	426.6	433.8	437.3	406.3	.	430.1
Chinese Taipei	216	214	93.6	6.3	0.1	0.0	0.0	0.8	599.7	578.4	557.8	.	.	701.7
Egypt	215	210	83.4	15.6	0.9	0.8	0.0	1.0	391.1	388.4	477.1	431.7	.	431.2
England	215	182	69.9	23.5	6.6	13.9	0.0	0.0	524.3	496.3	517.0	524.9	.	.
Georgia	188	186	89.6	9.7	0.7	0.0	0.0	1.3	453.8	451.9	478.7	.	.	406.5
Hong Kong SAR	175	173	62.6	31.2	6.1	1.8	0.0	0.0	599.2	589.7	560.5	615.8	.	.
Hungary	278	267	99.0	1.0	0.0	3.4	0.0	0.6	514.2	502.6	.	518.2	.	552.7
Iran, Islamic Rep. of	251	249	27.3	72.4	0.3	0.0	0.0	0.9	439.5	435.8	390.8	.	.	399.2
Ireland	526	479	83.6	14.5	1.9	7.1	0.0	1.1	522.5	524.9	513.9	535.6	.	515.1
Israel	603	526	85.4	8.6	6.0	6.9	0.0	3.0	517.9	464.0	500.2	513.3	.	465.5
Italy	230	213	93.7	6.3	0.0	4.6	0.0	0.9	494.2	486.0	.	512.6	.	473.4
Japan	231	229	94.2	0.7	5.0	0.3	0.0	0.3	586.4	585.0	590.0	571.1	.	572.6
Jordan	260	256	73.3	25.9	0.9	0.0	0.0	2.2	383.7	392.1	303.6	.	.	402.4
Kazakhstan	239	236	88.8	11.2	0.0	0.4	0.0	0.5	530.4	510.5	.	518.8	.	470.9
Korea, Rep. of	317	317	72.9	27.1	0.0	0.0	0.0	0.0	606.6	603.5	.	.	.	.
Kuwait	191	186	37.1	61.4	1.5	1.4	0.0	1.8	409.6	383.3	330.6	401.3	.	395.9
Lebanon	185	173	62.2	36.1	1.7	2.8	0.0	2.7	446.3	435.4	457.9	460.6	.	418.0
Lithuania	269	256	88.6	9.5	1.9	4.8	0.0	0.2	512.3	502.1	478.2	524.4	.	510.8
Malaysia	326	302	82.5	16.7	0.7	6.2	0.0	0.7	472.6	431.9	550.6	455.7	.	409.1
Malta	224	206	77.2	21.3	1.5	6.4	0.0	1.2	506.7	449.3	513.5	480.0	.	483.2
Morocco	373	357	82.1	17.5	0.4	2.3	0.0	1.0	385.0	383.0	331.8	384.9	.	376.8
New Zealand	489	458	40.6	56.4	3.0	3.8	0.0	1.1	516.9	479.8	457.9	471.8	.	440.9
Norway	239	209	76.2	19.3	4.5	9.6	0.0	1.1	514.1	510.2	507.8	498.8	.	499.1
Oman	356	352	51.6	48.0	0.4	0.0	0.0	0.8	402.5	404.0	382.1	.	.	405.8
Qatar	250	244	61.2	37.4	1.4	0.5	0.0	0.8	446.5	421.9	416.6	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	34.5	64.8	0.7	1.5	0.0	1.6	368.1	369.2	282.1	340.0	.	364.4
Singapore	334	330	97.7	2.3	0.0	1.7	0.0	0.0	621.3	562.3	.	681.7	.	.
Slovenia	467	430	19.7	79.6	0.7	5.6	0.0	1.3	516.0	516.8	497.4	511.8	.	526.6
South Africa	334	315	49.4	49.9	0.6	1.1	0.0	5.3	381.6	363.5	297.4	415.4	.	369.2
Sweden	206	197	47.3	49.2	3.6	1.8	0.0	1.7	507.8	494.8	478.4	510.0	.	510.9
Thailand	205	203	25.4	73.4	1.2	0.0	0.0	1.0	429.6	432.0	443.2	.	.	420.6
Turkey	220	220	96.4	3.6	0.0	0.0	0.0	0.0	457.6	458.8	.	.	.	.
United Arab Emirates	746	646	59.9	36.7	3.4	9.4	0.0	1.5	470.5	460.4	470.0	447.4	.	456.4
United States	429	365	67.0	32.0	1.0	13.6	0.0	0.8	527.2	501.4	456.6	516.7	.	548.8
International Avg. (38)	12055	10921	67.6	29.8	2.6	3.9	0.0	1.3	483.6	470.6	449.9	486.9	.	460.8
Buenos Aires, Argentina	138	60	23.6	46.5	30.0	57.3	0.0	0.3	413.1	404.3	348.7	400.5	.	471.1
Ontario, Canada	217	179	57.1	42.0	1.0	13.7	0.0	3.5	526.0	523.0	413.6	510.3	.	537.7
Quebec, Canada	175	158	94.2	4.3	1.5	8.0	0.0	0.2	549.5	554.9	532.4	475.4	.	462.3
Norway (8)	239	207	35.8	57.3	6.8	9.3	0.0	1.6	483.4	490.0	487.4	481.9	.	476.1
Abu Dhabi, UAE	207	171	61.7	33.6	4.7	13.4	0.0	1.7	448.2	429.0	440.3	439.9	.	471.5
Dubai, UAE	267	243	59.4	39.2	1.4	5.0	0.0	1.3	519.8	507.5	504.3	465.6	.	477.4
Florida, US	110	77	64.9	35.1	0.0	25.8	0.0	0.9	524.5	465.9	.	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Number: Computing with rational numbers
Location: TQM-21Ac (BTBM21AC)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	739	35.7	64.0	0.3	10.6	0.0	3.5	518.0	505.4	441.9	473.9	.	482.4
Bahrain	201	197	49.0	51.0	0.0	1.1	0.0	1.0	456.9	451.4	.	450.8	.	443.0
Botswana	169	153	63.7	13.2	23.1	5.5	0.0	1.8	394.1	388.8	386.8	383.2	.	369.4
Canada	409	352	48.5	48.9	2.7	10.7	0.0	2.5	544.2	519.4	480.0	501.9	.	529.2
Chile	173	149	48.3	49.8	2.0	9.4	0.0	2.7	425.6	433.0	441.3	406.3	.	430.1
Chinese Taipei	216	214	96.8	3.2	0.0	0.0	0.0	0.8	598.7	586.5	.	.	.	701.7
Egypt	215	209	88.7	11.3	0.0	0.8	0.0	1.3	394.0	370.7	.	431.7	.	430.2
England	215	182	51.8	45.6	2.6	13.9	0.0	0.0	533.4	500.0	496.1	524.9	.	.
Georgia	188	186	87.1	12.6	0.3	0.0	0.0	1.2	452.2	460.5	444.7	.	.	449.0
Hong Kong SAR	175	173	67.1	28.1	4.8	1.8	0.0	0.0	599.0	592.2	532.7	615.8	.	.
Hungary	278	266	98.6	1.4	0.0	3.4	0.0	0.8	514.0	514.8	.	518.2	.	543.8
Iran, Islamic Rep. of	251	247	33.9	65.4	0.7	0.0	0.0	1.8	431.5	438.3	355.8	.	.	486.4
Ireland	526	478	82.9	16.0	1.1	7.1	0.0	1.1	525.0	512.0	512.0	535.6	.	502.5
Israel	603	526	91.0	7.9	1.2	6.9	0.0	3.4	515.6	475.8	443.8	513.3	.	488.1
Italy	230	216	96.7	3.3	0.0	4.6	0.0	0.0	492.8	514.8	.	512.6	.	.
Japan	231	229	93.7	0.6	5.8	0.3	0.0	0.3	586.5	543.1	591.5	571.1	.	572.6
Jordan	260	253	74.0	25.0	1.0	0.0	0.0	2.8	382.6	393.8	358.9	.	.	397.9
Kazakhstan	239	236	91.1	8.9	0.0	0.4	0.0	0.5	532.3	485.5	.	518.8	.	470.9
Korea, Rep. of	317	317	70.2	29.1	0.7	0.0	0.0	0.0	605.5	608.1	539.6	.	.	.
Kuwait	191	184	48.4	51.6	0.0	1.4	0.0	2.5	398.5	387.1	.	401.3	.	381.6
Lebanon	185	173	65.5	34.5	0.0	2.8	0.0	2.7	443.2	441.3	.	460.6	.	418.0
Lithuania	269	254	97.9	1.5	0.6	4.8	0.0	1.6	510.9	478.5	400.9	524.4	.	563.6
Malaysia	326	301	78.4	21.6	0.0	6.2	0.0	0.9	473.0	442.7	590.2	455.7	.	412.0
Malta	224	206	63.4	36.3	0.4	6.4	0.0	1.2	507.9	473.1	308.6	480.0	.	483.2
Morocco	373	354	59.5	39.7	0.8	2.3	0.0	2.9	383.7	385.9	375.6	384.9	.	380.4
New Zealand	489	460	14.5	83.3	2.3	3.8	0.0	1.6	529.9	489.3	399.5	471.8	.	517.1
Norway	239	209	62.7	36.2	1.1	9.6	0.0	1.1	513.7	512.4	499.9	498.8	.	499.1
Oman	356	350	65.2	34.6	0.1	0.0	0.0	1.7	401.3	407.2	333.2	.	.	398.8
Qatar	250	244	59.3	39.7	1.0	0.5	0.0	0.8	443.7	426.7	440.8	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	40.0	60.0	0.0	0.6	0.0	1.9	359.1	372.9	.	448.5	.	362.1
Singapore	334	330	96.4	2.5	1.1	1.7	0.0	0.0	621.4	552.6	643.8	681.7	.	.
Slovenia	467	430	69.3	30.5	0.2	5.6	0.0	1.3	519.4	509.8	512.3	511.8	.	526.6
South Africa	334	311	51.6	45.7	2.8	1.1	0.0	6.4	376.3	372.4	300.4	415.4	.	364.7
Sweden	206	196	36.9	59.3	3.8	1.8	0.0	2.1	508.5	496.6	488.5	510.0	.	494.0
Thailand	205	203	32.0	67.1	0.9	0.0	0.0	1.0	427.9	432.6	478.4	.	.	420.6
Turkey	220	218	95.5	4.5	0.0	0.0	0.0	0.9	459.5	423.0	.	.	.	428.9
United Arab Emirates	746	644	65.4	33.5	1.1	9.4	0.0	2.3	473.7	449.2	493.9	447.4	.	500.9
United States	429	365	76.9	22.8	0.2	13.6	0.0	0.8	526.4	490.7	548.8	516.7	.	548.8
International Avg. (38)	12055	10899	67.0	31.3	1.6	3.9	0.0	1.6	483.7	469.4	458.6	490.5	.	466.3
Buenos Aires, Argentina	138	60	22.8	41.4	35.8	57.3	0.0	0.3	412.5	408.7	353.2	400.5	.	471.1
Ontario, Canada	217	179	27.6	68.1	4.3	13.5	0.0	3.7	532.5	522.7	481.5	510.3	.	535.9
Quebec, Canada	175	157	91.4	8.6	0.0	8.0	0.0	0.3	552.3	520.3	415.7	475.4	.	464.1
Norway (8)	239	208	12.9	80.5	6.6	9.3	0.0	1.2	476.5	489.1	488.0	481.9	.	476.8
Abu Dhabi, UAE	207	171	57.2	41.6	1.2	13.4	0.0	1.5	460.9	409.1	497.2	439.9	.	567.4
Dubai, UAE	267	243	69.0	30.9	0.1	5.0	0.0	1.3	516.4	511.5	390.7	465.6	.	477.4
Florida, US	110	77	74.9	25.1	0.0	25.8	0.0	0.9	521.9	450.4	.	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Number: Concepts of irrational numbers
Location: TQM-21Ad (BTBM21AD)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	6.3	53.5	40.2	10.6	0.0	3.5	500.3	516.9	501.7	473.9	.	482.3
Bahrain	201	197	19.7	56.3	24.0	1.1	0.0	1.0	446.4	450.4	469.2	450.8	.	443.0
Botswana	169	151	19.3	9.9	70.8	5.5	0.0	3.4	390.8	379.6	394.2	383.2	.	368.4
Canada	409	349	15.3	44.1	40.6	11.0	0.0	3.1	531.7	529.0	531.6	504.0	.	521.1
Chile	173	145	17.6	42.5	39.9	9.4	0.0	5.3	407.6	431.6	434.2	406.3	.	448.6
Chinese Taipei	216	214	56.5	23.7	19.7	0.0	0.0	0.8	602.7	596.6	587.8	.	.	701.7
Egypt	215	209	25.7	72.7	1.6	0.8	0.0	1.7	386.4	392.9	413.2	431.7	.	411.6
England	215	181	6.2	22.0	71.8	13.9	0.0	0.5	524.7	544.4	508.7	524.9	.	454.2
Georgia	188	178	21.0	58.7	20.3	0.0	0.0	4.8	445.8	461.2	444.5	.	.	426.3
Hong Kong SAR	175	173	5.2	74.4	20.4	1.8	0.0	0.0	594.5	600.8	568.3	615.8	.	.
Hungary	278	267	28.5	63.9	7.6	3.4	0.0	0.6	511.4	516.6	502.6	518.2	.	552.7
Iran, Islamic Rep. of	251	249	2.3	56.2	41.5	0.0	0.0	0.9	391.6	444.7	428.4	.	.	399.2
Ireland	526	475	33.2	34.6	32.2	7.1	0.0	1.5	513.5	534.6	519.5	535.6	.	515.3
Israel	603	518	44.8	18.0	37.2	6.9	0.0	4.2	503.7	522.5	517.9	513.3	.	475.1
Italy	230	215	80.8	16.1	3.1	4.6	0.0	0.2	496.2	488.1	464.1	512.6	.	355.7
Japan	231	227	12.2	6.7	81.0	0.3	0.0	1.6	590.1	677.2	578.7	571.1	.	576.2
Jordan	260	256	30.8	67.3	1.9	0.0	0.0	2.0	384.3	384.7	435.1	.	.	389.0
Kazakhstan	239	237	30.1	67.2	2.7	0.4	0.0	0.2	532.3	528.5	467.9	518.8	.	475.6
Korea, Rep. of	317	317	5.6	5.5	88.9	0.0	0.0	0.0	620.9	599.9	605.2	.	.	.
Kuwait	191	184	13.8	30.5	55.8	1.4	0.0	2.7	411.3	392.8	387.2	401.3	.	396.8
Lebanon	185	175	9.2	56.2	34.7	2.8	0.0	2.4	432.4	446.5	438.6	460.6	.	419.1
Lithuania	269	255	22.1	26.4	51.5	4.8	0.0	0.2	500.4	521.6	509.4	524.4	.	502.1
Malaysia	326	299	38.7	42.3	19.0	6.2	0.0	1.5	474.3	451.3	484.8	455.7	.	428.3
Malta	224	206	23.7	31.1	45.3	6.4	0.0	1.2	514.2	505.5	476.9	480.0	.	483.2
Morocco	373	343	22.4	64.2	13.4	2.3	0.0	5.2	386.2	383.6	383.8	384.9	.	387.0
New Zealand	489	456	3.3	42.0	54.6	3.8	0.0	2.3	533.1	501.6	484.7	471.8	.	498.9
Norway	239	209	26.5	21.7	51.9	9.6	0.0	1.1	510.7	517.1	512.6	498.8	.	499.1
Oman	356	346	24.5	30.0	45.5	0.0	0.0	1.6	398.0	390.2	414.3	.	.	408.5
Qatar	250	242	24.5	29.3	46.2	0.5	0.0	1.0	428.8	443.1	437.1	547.9	.	404.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	143	20.5	73.4	6.1	0.6	0.0	4.1	361.5	370.6	350.2	448.5	.	362.1
Singapore	334	330	86.6	4.2	9.2	1.7	0.0	0.0	625.3	563.6	595.2	681.7	.	.
Slovenia	467	430	2.0	88.2	9.8	5.6	0.0	1.3	522.3	516.3	516.5	511.8	.	526.6
South Africa	334	316	41.5	56.3	2.2	1.1	0.0	5.0	371.8	374.7	323.3	415.4	.	362.9
Sweden	206	196	8.0	15.1	76.9	1.8	0.0	1.7	496.8	505.5	499.8	510.0	.	509.7
Thailand	205	203	15.0	81.6	3.4	0.0	0.0	1.0	400.7	437.6	422.0	.	.	420.6
Turkey	220	220	6.0	92.2	1.9	0.0	0.0	0.0	438.1	459.2	441.7	.	.	.
United Arab Emirates	746	637	24.7	39.5	35.8	9.4	0.0	2.7	447.5	460.5	488.4	447.4	.	444.7
United States	429	365	23.5	68.7	7.8	13.6	0.0	0.8	542.8	512.3	496.5	516.7	.	548.8
International Avg. (38)	12055	10854	23.6	44.4	32.0	3.9	0.0	1.9	478.2	483.0	474.6	490.6	.	458.8
Buenos Aires, Argentina	138	60	7.5	8.7	83.7	57.3	0.0	0.3	418.0	450.8	380.8	400.5	.	471.1
Ontario, Canada	217	178	12.9	54.3	32.8	13.5	0.0	4.2	524.7	524.5	522.7	510.3	.	528.6
Quebec, Canada	175	155	23.2	25.0	51.8	8.8	0.0	1.1	538.4	557.1	551.1	485.8	.	491.3
Norway (8)	239	207	4.4	27.6	68.0	9.3	0.0	1.6	487.0	487.6	487.4	481.9	.	476.1
Abu Dhabi, UAE	207	165	28.0	36.1	35.9	13.4	0.0	4.4	434.8	445.9	443.4	439.9	.	443.1
Dubai, UAE	267	242	17.1	42.5	40.4	5.0	0.0	1.5	477.8	507.9	537.7	465.6	.	483.1
Florida, US	110	76	34.9	64.2	0.9	25.8	0.0	1.6	549.9	480.5	496.1	468.9	.	374.8

Question: When students in this class have been taught each of the following mathematics topics. Number: Problem solving involving percents or proportions
Location: TQM-21Ae (BTBM21AE)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	11.6	82.2	6.2	10.6	0.0	3.5	522.1	510.9	470.5	473.9	.	482.3
Bahrain	201	196	50.4	49.4	0.2	1.1	0.0	1.1	456.7	451.3	493.1	450.8	.	444.4
Botswana	169	152	77.0	16.5	6.4	5.5	0.0	2.4	393.8	391.7	364.0	383.2	.	382.6
Canada	409	350	20.4	69.0	10.7	11.1	0.0	3.0	537.0	531.6	507.6	501.7	.	541.0
Chile	173	148	46.2	48.2	5.6	9.4	0.0	3.4	431.6	429.1	426.8	406.3	.	416.6
Chinese Taipei	216	213	87.7	8.0	4.3	0.0	0.0	1.2	600.2	576.5	602.2	.	.	657.1
Egypt	215	209	72.3	12.1	15.5	0.8	0.0	1.4	395.8	370.3	387.4	431.7	.	427.8
England	215	182	30.0	63.2	6.8	13.9	0.0	0.0	546.8	506.1	489.8	524.9	.	.
Georgia	188	183	72.8	27.2	0.0	0.0	0.0	2.3	453.5	453.7	.	.	.	437.4
Hong Kong SAR	175	172	56.4	39.8	3.8	1.8	0.0	0.8	606.5	576.5	589.7	615.8	.	588.9
Hungary	278	267	97.7	1.9	0.4	3.4	0.0	0.6	513.1	564.3	506.3	518.2	.	552.7
Iran, Islamic Rep. of	251	245	83.1	9.5	7.3	0.0	0.0	2.6	440.9	403.1	422.2	.	.	452.4
Ireland	526	477	56.2	38.8	5.1	7.1	0.0	1.7	526.9	515.7	528.9	535.6	.	516.8
Israel	603	528	12.5	82.6	4.9	6.9	0.0	2.9	504.5	514.4	495.5	513.3	.	464.8
Italy	230	216	82.1	17.4	0.5	4.6	0.0	0.0	496.3	484.4	351.9	512.6	.	.
Japan	231	229	91.8	6.8	1.4	0.3	0.0	0.3	586.5	585.9	594.1	571.1	.	572.6
Jordan	260	253	80.8	18.2	1.0	0.0	0.0	2.8	387.3	381.3	321.1	.	.	384.4
Kazakhstan	239	234	96.3	3.7	0.0	0.4	0.0	1.5	527.3	548.1	.	518.8	.	512.4
Korea, Rep. of	317	317	58.9	37.6	3.5	0.0	0.0	0.0	606.9	601.2	634.2	.	.	.
Kuwait	191	184	51.4	46.2	2.3	1.4	0.0	2.7	395.6	390.6	372.8	401.3	.	377.7
Lebanon	185	175	44.6	29.8	25.6	2.8	0.0	2.4	445.0	436.1	445.5	460.6	.	419.1
Lithuania	269	256	75.3	23.3	1.4	4.8	0.0	0.2	511.4	508.2	514.5	524.4	.	510.8
Malaysia	326	300	42.6	54.9	2.5	6.2	0.0	0.8	466.1	469.1	411.2	455.7	.	417.5
Malta	224	205	25.0	69.3	5.7	6.4	0.0	1.4	514.1	491.9	448.6	480.0	.	457.7
Morocco	373	355	56.1	38.3	5.6	2.3	0.0	2.5	385.1	382.9	390.7	384.9	.	377.7
New Zealand	489	458	7.8	85.3	6.9	3.8	0.0	2.9	520.8	497.5	431.8	471.8	.	453.8
Norway	239	209	27.2	66.6	6.2	9.6	0.0	1.1	512.1	513.3	514.9	498.8	.	499.1
Oman	356	348	73.8	25.7	0.5	0.0	0.0	2.8	403.5	401.5	393.6	.	.	409.7
Qatar	250	242	43.4	54.9	1.7	0.5	0.0	1.0	434.6	436.7	499.5	547.9	.	404.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	143	46.6	53.4	0.0	1.5	0.0	2.9	365.9	370.0	.	397.5	.	339.7
Singapore	334	329	79.5	20.3	0.2	1.7	0.0	0.3	625.0	600.1	709.7	681.7	.	570.7
Slovenia	467	430	82.5	15.9	1.7	5.6	0.0	1.3	517.6	509.3	529.5	511.8	.	526.6
South Africa	334	315	46.9	51.1	2.0	1.1	0.0	5.8	377.9	368.2	367.0	415.4	.	358.8
Sweden	206	195	15.6	61.9	22.5	1.8	0.0	3.1	504.9	504.4	487.0	510.0	.	501.3
Thailand	205	203	27.2	72.1	0.7	0.0	0.0	1.0	408.5	440.6	395.5	.	.	420.6
Turkey	220	220	94.9	5.1	0.0	0.0	0.0	0.0	458.6	440.0	.	.	.	.
United Arab Emirates	746	645	42.7	55.9	1.3	9.4	0.0	1.6	475.3	460.9	404.2	447.4	.	482.5
United States	429	365	76.5	22.3	1.2	13.6	0.0	0.8	522.0	505.5	517.4	516.7	.	548.8
International Avg. (38)	12055	10889	56.4	39.1	4.5	3.9	0.0	1.7	483.6	476.9	471.1	488.8	.	468.0
Buenos Aires, Argentina	138	59	12.7	37.9	49.3	57.3	0.0	1.0	410.4	383.8	384.2	400.5	.	506.4
Ontario, Canada	217	180	23.8	59.5	16.7	13.5	0.0	3.5	531.3	523.8	511.8	510.3	.	537.7
Quebec, Canada	175	153	19.1	80.9	0.0	9.2	0.0	2.8	550.0	550.1	.	477.7	.	548.7
Norway (8)	239	207	6.5	67.8	25.7	9.3	0.0	1.6	475.3	487.8	489.8	481.9	.	476.1
Abu Dhabi, UAE	207	171	30.2	66.9	2.9	13.4	0.0	1.5	459.9	433.2	381.6	439.9	.	567.4
Dubai, UAE	267	242	48.4	51.0	0.6	5.0	0.0	1.6	521.6	509.9	446.5	465.6	.	462.9
Florida, US	110	77	89.4	9.3	1.3	25.8	0.0	0.9	509.5	453.1	481.8	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Simplifying and evaluating algebraic expressions
Location: TQM-21Ba (BTBM21BA)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	11.2	85.6	3.2	10.6	0.0	3.5	527.8	509.1	463.8	473.9	.	482.8
Bahrain	201	197	44.7	55.3	0.0	1.1	0.0	1.0	454.2	454.0	.	450.8	.	443.0
Botswana	169	154	44.0	46.2	9.9	5.5	0.0	0.9	395.9	387.5	387.8	383.2	.	400.1
Canada	409	354	12.8	77.8	9.5	10.7	0.0	2.4	526.0	532.8	512.9	501.9	.	540.6
Chile	173	149	27.9	59.3	12.9	9.4	0.0	2.7	424.6	431.2	433.2	406.3	.	430.1
Chinese Taipei	216	214	96.3	3.7	0.0	0.0	0.0	0.8	597.9	609.7	.	.	.	701.7
Egypt	215	206	72.2	20.5	7.3	0.8	0.0	3.0	397.3	375.3	379.9	431.7	.	405.0
England	215	182	49.5	49.2	1.3	13.9	0.0	0.0	528.4	504.4	572.4	524.9	.	.
Georgia	188	185	42.1	57.9	0.0	0.0	0.0	1.5	455.8	453.0	.	.	.	391.5
Hong Kong SAR	175	173	52.0	48.0	0.0	1.8	0.0	0.0	597.7	589.7	.	615.8	.	.
Hungary	278	267	68.3	31.7	0.0	3.4	0.0	0.6	509.2	524.5	.	518.2	.	552.7
Iran, Islamic Rep. of	251	248	47.3	51.7	1.0	0.0	0.0	1.6	439.4	434.3	401.5	.	.	433.3
Ireland	526	480	37.6	61.9	0.5	7.1	0.0	0.6	530.6	518.2	516.4	535.6	.	484.5
Israel	603	527	69.8	28.1	2.1	6.9	0.0	3.1	519.8	492.6	516.4	513.3	.	470.6
Italy	230	216	6.1	93.3	0.6	4.6	0.0	0.0	503.7	492.7	519.5	512.6	.	.
Japan	231	229	84.6	14.7	0.7	0.3	0.0	0.3	587.0	581.4	641.1	571.1	.	572.6
Jordan	260	256	47.6	52.3	0.1	0.0	0.0	1.8	385.2	385.0	359.7	.	.	412.1
Kazakhstan	239	237	88.7	11.0	0.3	0.4	0.0	0.3	526.1	546.1	446.8	518.8	.	467.1
Korea, Rep. of	317	317	56.5	43.5	0.0	0.0	0.0	0.0	605.3	606.4	.	.	.	.
Kuwait	191	183	39.6	58.8	1.7	1.4	0.0	2.0	411.3	382.8	350.8	401.3	.	332.6
Lebanon	185	173	57.4	41.4	1.2	2.8	0.0	3.3	442.9	440.8	479.2	460.6	.	425.8
Lithuania	269	256	37.5	59.2	3.2	4.8	0.0	0.2	501.6	515.8	521.6	524.4	.	510.8
Malaysia	326	301	25.6	73.5	0.9	6.2	0.0	1.3	459.3	470.5	415.9	455.7	.	383.4
Malta	224	206	36.9	59.1	4.1	6.4	0.0	1.2	518.3	485.0	419.1	480.0	.	483.2
Morocco	373	356	33.9	65.1	1.0	2.3	0.0	1.8	387.0	382.6	374.5	384.9	.	403.7
New Zealand	489	460	7.9	89.0	3.1	3.8	0.0	0.8	538.5	492.6	415.2	471.8	.	457.9
Norway	239	209	15.9	72.1	12.0	9.6	0.0	1.1	515.0	514.1	504.2	498.8	.	499.1
Oman	356	349	46.2	47.5	6.4	0.0	0.0	1.9	405.3	403.8	385.7	.	.	392.4
Qatar	250	243	44.6	53.7	1.7	0.5	0.0	0.9	443.5	430.3	472.4	547.9	.	395.8
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	50.1	49.1	0.8	0.6	0.0	1.6	361.2	372.5	431.5	448.5	.	364.4
Singapore	334	330	48.4	51.6	0.0	1.7	0.0	0.0	638.3	602.7	.	681.7	.	.
Slovenia	467	430	5.3	77.3	17.4	5.6	0.0	1.3	517.2	517.6	511.1	511.8	.	526.6
South Africa	334	318	34.8	63.6	1.6	1.1	0.0	4.7	372.1	373.3	337.9	415.4	.	362.7
Sweden	206	195	13.2	79.7	7.2	1.8	0.0	2.0	513.9	497.9	501.4	510.0	.	513.3
Thailand	205	201	27.6	49.5	22.8	0.0	0.0	2.3	432.3	427.9	435.8	.	.	450.7
Turkey	220	220	70.1	27.7	2.2	0.0	0.0	0.0	463.9	442.4	450.5	.	.	.
United Arab Emirates	746	642	42.4	56.1	1.5	9.4	0.0	2.2	480.3	456.3	441.6	447.4	.	479.7
United States	429	364	29.9	68.7	1.4	13.6	0.0	0.8	532.9	512.1	508.5	516.7	.	546.6
International Avg. (38)	12055	10914	42.8	53.5	3.7	3.9	0.0	1.4	485.4	477.6	455.1	490.5	.	459.9
Buenos Aires, Argentina	138	60	8.3	50.6	41.1	57.3	0.0	0.3	446.8	389.4	378.6	400.5	.	471.1
Ontario, Canada	217	179	17.2	69.8	13.1	13.5	0.0	3.8	531.5	523.2	514.4	510.3	.	539.4
Quebec, Canada	175	158	3.8	95.1	1.0	8.0	0.0	0.2	527.4	550.2	544.7	475.4	.	586.6
Norway (8)	239	208	1.6	47.6	50.8	9.3	0.0	1.2	479.0	491.2	484.1	481.9	.	476.8
Abu Dhabi, UAE	207	171	34.7	63.4	1.9	13.4	0.0	1.3	453.8	431.9	474.1	439.9	.	551.0
Dubai, UAE	267	240	48.3	51.1	0.6	5.0	0.0	2.4	524.6	508.2	423.0	465.6	.	462.0
Florida, US	110	77	35.2	64.3	0.5	25.8	0.0	0.9	529.9	491.1	337.1	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Simple linear equations and inequalities
Location: TQM-21Bb (BTBM21BB)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	3.6	80.8	15.6	10.6	0.0	3.4	538.4	509.1	506.1	473.9	.	482.6
Bahrain	201	196	29.4	67.6	3.0	1.1	0.0	1.7	454.1	450.2	531.2	450.8	.	465.7
Botswana	169	153	19.5	40.1	40.4	5.5	0.0	1.6	392.2	390.5	392.2	383.2	.	376.0
Canada	409	353	8.7	62.3	29.0	11.2	0.0	2.3	510.6	531.5	533.3	502.2	.	539.4
Chile	173	147	17.7	64.7	17.6	9.4	0.0	3.5	419.3	429.6	438.9	406.3	.	433.5
Chinese Taipei	216	214	97.1	2.9	0.0	0.0	0.0	0.8	599.2	569.3	.	.	.	701.7
Egypt	215	209	60.2	39.3	0.5	0.8	0.0	1.4	392.6	387.5	540.4	431.7	.	435.7
England	215	182	24.8	63.6	11.6	13.9	0.0	0.0	542.0	513.9	482.3	524.9	.	.
Georgia	188	186	40.3	56.2	3.5	0.0	0.0	0.6	459.5	449.3	459.7	.	.	365.1
Hong Kong SAR	175	171	40.0	40.2	19.8	1.8	0.0	1.8	591.6	600.8	579.9	615.8	.	640.2
Hungary	278	267	83.4	16.0	0.6	3.4	0.0	0.6	513.1	525.0	358.1	518.2	.	552.7
Iran, Islamic Rep. of	251	244	16.2	47.7	36.1	0.0	0.0	3.3	433.1	431.2	446.6	.	.	415.3
Ireland	526	480	19.3	75.1	5.6	7.1	0.0	0.5	530.8	523.0	494.6	535.6	.	459.3
Israel	603	526	19.7	76.4	4.0	6.9	0.0	3.2	536.4	507.5	479.4	513.3	.	472.1
Italy	230	213	0.7	62.2	37.1	4.6	0.0	1.5	509.7	494.7	491.6	512.6	.	484.2
Japan	231	229	91.6	5.1	3.3	0.3	0.0	0.3	584.8	606.4	605.8	571.1	.	572.6
Jordan	260	257	33.9	65.5	0.6	0.0	0.0	1.5	382.7	385.9	435.7	.	.	413.6
Kazakhstan	239	236	81.5	18.5	0.0	0.4	0.0	0.8	526.9	533.4	.	518.8	.	501.4
Korea, Rep. of	317	317	27.6	72.4	0.0	0.0	0.0	0.0	611.3	603.6	.	.	.	.
Kuwait	191	188	22.1	70.1	7.8	1.4	0.0	0.5	415.1	387.6	376.6	401.3	.	297.7
Lebanon	185	171	27.3	65.6	7.0	2.8	0.0	3.8	449.9	437.9	461.7	460.6	.	418.9
Lithuania	269	255	14.7	84.4	0.8	4.8	0.0	1.3	506.4	510.5	512.3	524.4	.	560.3
Malaysia	326	302	3.2	58.4	38.4	6.2	0.0	0.7	456.9	463.4	471.7	455.7	.	409.1
Malta	224	206	19.2	67.6	13.2	6.4	0.0	1.2	528.5	490.2	467.9	480.0	.	483.2
Morocco	373	357	32.2	63.2	4.6	2.3	0.0	1.9	388.4	380.8	409.4	384.9	.	374.6
New Zealand	489	457	4.8	79.1	16.1	3.8	0.0	1.5	530.8	500.2	453.5	471.8	.	455.6
Norway	239	209	15.2	69.4	15.3	9.6	0.0	1.1	513.1	513.8	509.8	498.8	.	499.1
Oman	356	348	14.4	79.2	6.4	0.0	0.0	1.5	400.7	404.1	388.8	.	.	439.2
Qatar	250	243	34.7	59.3	6.1	0.5	0.0	0.9	429.0	438.9	462.6	547.9	.	395.8
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	24.2	75.8	0.0	1.4	0.0	1.6	371.1	366.1	.	400.8	.	364.4
Singapore	334	330	40.4	58.3	1.3	1.7	0.0	0.0	659.1	594.4	546.5	681.7	.	.
Slovenia	467	430	36.5	37.3	26.1	5.6	0.0	1.3	515.8	516.7	517.0	511.8	.	526.6
South Africa	334	313	24.5	60.1	15.5	1.1	0.0	5.8	381.0	372.0	358.3	415.4	.	368.4
Sweden	206	195	5.7	51.8	42.6	1.8	0.0	2.3	500.1	500.3	500.5	510.0	.	507.1
Thailand	205	201	14.9	61.2	23.9	0.0	0.0	2.1	422.9	422.6	458.3	.	.	443.1
Turkey	220	220	17.0	34.9	48.1	0.0	0.0	0.0	446.6	475.7	448.4	.	.	.
United Arab Emirates	746	645	25.8	69.0	5.2	9.4	0.0	1.5	460.9	465.6	505.8	447.4	.	475.2
United States	429	365	18.8	78.3	2.8	13.6	0.0	0.8	532.0	515.4	505.2	516.7	.	548.8
International Avg. (38)	12055	10901	29.2	57.4	13.4	3.9	0.0	1.5	485.2	478.9	474.4	488.9	.	467.0
Buenos Aires, Argentina	138	60	16.4	65.5	18.1	57.3	0.0	0.3	431.4	376.5	399.6	400.5	.	471.1
Ontario, Canada	217	178	15.0	59.5	25.5	13.7	0.0	3.8	510.6	524.8	527.8	510.9	.	539.4
Quebec, Canada	175	158	0.0	67.6	32.4	9.2	0.0	0.0	526.0	548.8	552.6	477.7	.	.
Norway (8)	239	208	2.0	18.5	79.5	9.3	0.0	1.2	484.6	487.0	487.6	481.9	.	476.8
Abu Dhabi, UAE	207	171	19.4	80.2	0.4	13.4	0.0	1.3	449.0	438.0	457.6	439.9	.	551.0
Dubai, UAE	267	243	24.8	63.8	11.4	5.0	0.0	1.3	500.4	516.9	534.7	465.6	.	473.5
Florida, US	110	77	27.9	71.1	0.9	25.8	0.0	0.9	537.8	491.5	435.0	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Simultaneous equations
Location: TQM-21Bc (BTBM21BC)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	0.4	16.7	83.0	10.6	0.0	3.4	511.1	513.8	508.9	473.9	.	482.6
Bahrain	201	196	8.0	34.4	57.6	1.1	0.0	1.2	432.5	460.6	453.0	450.8	.	457.4
Botswana	169	152	4.9	16.6	78.5	5.5	0.0	2.3	404.9	406.0	388.1	383.2	.	367.5
Canada	409	354	2.2	24.9	72.9	10.9	0.0	2.2	521.0	518.6	534.4	502.5	.	535.5
Chile	173	149	1.4	33.2	65.3	9.4	0.0	2.7	360.0	418.5	436.7	406.3	.	430.1
Chinese Taipei	216	214	99.2	0.8	0.0	0.0	0.0	0.8	599.0	520.6	.	.	.	701.7
Egypt	215	209	2.4	23.6	73.9	0.8	0.0	1.2	372.6	373.8	397.8	431.7	.	428.9
England	215	181	5.1	30.7	64.2	13.9	0.0	0.5	596.8	559.6	491.1	524.9	.	454.2
Georgia	188	186	6.7	86.4	6.9	0.0	0.0	1.2	476.2	452.2	441.8	.	.	457.9
Hong Kong SAR	175	173	8.7	86.5	4.9	1.8	0.0	0.0	608.4	593.2	580.7	615.8	.	.
Hungary	278	267	2.2	8.8	88.9	3.4	0.0	0.6	582.8	544.7	509.3	518.2	.	552.7
Iran, Islamic Rep. of	251	246	1.3	6.1	92.6	0.0	0.0	1.8	389.8	453.9	436.0	.	.	429.4
Ireland	526	481	2.2	72.3	25.6	7.1	0.0	0.5	529.6	530.7	500.0	535.6	.	473.9
Israel	603	526	3.9	61.4	34.7	6.9	0.0	3.1	541.9	526.3	484.1	513.3	.	466.8
Italy	230	213	0.7	6.2	93.0	4.6	0.0	1.8	561.3	502.0	492.1	512.6	.	507.5
Japan	231	229	14.9	83.7	1.4	0.3	0.0	0.3	632.1	577.9	621.7	571.1	.	572.6
Jordan	260	254	14.1	84.2	1.7	0.0	0.0	3.3	381.5	385.7	393.4	.	.	395.9
Kazakhstan	239	234	73.1	21.3	5.6	0.4	0.0	0.9	520.0	564.8	485.0	518.8	.	553.8
Korea, Rep. of	317	317	10.0	89.1	0.9	0.0	0.0	0.0	608.6	605.8	572.8	.	.	.
Kuwait	191	187	3.5	23.5	73.0	1.4	0.0	1.0	373.0	400.9	391.0	401.3	.	360.1
Lebanon	185	170	1.9	6.8	91.3	2.8	0.0	5.2	449.0	441.0	441.8	460.6	.	441.6
Lithuania	269	256	0.6	3.9	95.5	4.8	0.0	0.2	459.7	529.6	510.2	524.4	.	510.8
Malaysia	326	302	2.7	24.2	73.0	6.2	0.0	0.7	447.1	456.9	470.3	455.7	.	409.1
Malta	224	206	1.1	58.3	40.6	6.4	0.0	1.2	492.0	531.8	441.3	480.0	.	483.2
Morocco	373	358	2.6	13.5	83.9	2.3	0.0	1.3	393.1	390.1	383.1	384.9	.	387.5
New Zealand	489	458	0.5	19.7	79.9	3.8	0.0	1.3	607.1	500.2	491.9	471.8	.	458.2
Norway	239	209	0.5	4.8	94.7	9.6	0.0	1.1	478.2	510.9	513.3	498.8	.	499.1
Oman	356	339	6.1	9.6	84.3	0.0	0.0	4.1	401.1	407.8	402.7	.	.	404.5
Qatar	250	242	9.3	23.5	67.3	0.5	0.0	1.6	423.2	477.2	424.5	547.9	.	423.3
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	143	15.1	49.2	35.7	0.6	0.0	3.8	341.8	367.8	378.3	448.5	.	359.3
Singapore	334	330	4.9	86.2	8.9	1.7	0.0	0.0	688.8	631.1	473.9	681.7	.	.
Slovenia	467	430	0.6	2.0	97.4	5.6	0.0	1.3	517.2	506.2	516.7	511.8	.	526.6
South Africa	334	313	11.9	37.4	50.7	1.1	0.0	5.7	360.0	362.0	383.0	415.4	.	363.7
Sweden	206	197	0.7	16.6	82.6	1.8	0.0	1.7	487.2	496.9	501.2	510.0	.	510.9
Thailand	205	201	4.5	20.4	75.1	0.0	0.0	2.3	405.7	415.8	437.8	.	.	411.6
Turkey	220	220	7.7	48.9	43.4	0.0	0.0	0.0	428.9	471.4	447.2	.	.	.
United Arab Emirates	746	643	9.4	54.6	36.0	9.4	0.0	1.9	454.8	463.2	474.9	447.4	.	465.1
United States	429	365	5.6	79.7	14.7	13.6	0.0	0.8	556.2	520.7	490.9	516.7	.	548.8
International Avg. (38)	12055	10890	9.2	36.0	54.7	3.9	0.0	1.7	484.0	483.9	467.6	490.5	.	465.6
Buenos Aires, Argentina	138	60	4.7	3.7	91.5	57.3	0.0	0.3	395.4	485.1	385.5	400.5	.	471.1
Ontario, Canada	217	179	3.8	40.0	56.1	13.7	0.0	3.5	521.0	515.0	529.8	510.9	.	537.7
Quebec, Canada	175	158	0.0	4.3	95.7	8.0	0.0	0.2	526.0	567.1	548.7	475.4	.	462.3
Norway (8)	239	208	0.0	2.3	97.7	9.3	0.0	1.2	.	459.3	488.1	481.9	.	476.8
Abu Dhabi, UAE	207	170	11.4	49.8	38.8	13.4	0.0	2.5	433.9	450.2	429.9	439.9	.	491.5
Dubai, UAE	267	241	8.4	50.7	40.9	5.0	0.0	1.6	503.3	509.2	524.3	465.6	.	479.0
Florida, US	110	77	8.8	88.3	2.8	25.8	0.0	0.9	560.1	499.5	467.3	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Numeric, algebraic, and geometric patterns or sequences
Location: TQM-21Bd (BTBM21BD)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	17.6	62.4	20.0	10.6	0.0	3.5	520.8	509.8	499.8	473.9	.	482.3
Bahrain	201	195	42.8	41.9	15.3	1.1	0.0	1.7	455.5	451.3	455.7	450.8	.	465.9
Botswana	169	151	40.4	32.2	27.4	5.5	0.0	3.5	397.2	386.4	388.6	383.2	.	388.4
Canada	409	353	24.8	64.7	10.5	11.2	0.0	2.2	529.1	531.2	528.0	502.2	.	535.5
Chile	173	149	34.8	42.3	22.9	9.4	0.0	2.7	438.8	428.5	417.6	406.3	.	430.1
Chinese Taipei	216	213	68.0	32.0	0.1	0.0	0.0	0.9	598.6	597.5	658.9	.	.	691.9
Egypt	215	209	64.0	15.2	20.8	0.8	0.0	1.7	394.4	393.6	380.6	431.7	.	419.7
England	215	180	34.6	55.1	10.3	13.9	0.0	0.8	543.5	504.4	499.8	524.9	.	487.7
Georgia	188	178	19.7	12.6	67.7	0.0	0.0	4.6	458.7	447.8	451.9	.	.	463.6
Hong Kong SAR	175	173	56.5	23.6	19.9	1.8	0.0	0.0	595.0	591.0	594.0	615.8	.	.
Hungary	278	267	22.8	55.6	21.6	3.4	0.0	0.6	501.7	512.7	530.7	518.2	.	552.7
Iran, Islamic Rep. of	251	246	43.1	37.8	19.0	0.0	0.0	2.3	439.6	441.0	421.2	.	.	425.1
Ireland	526	477	15.7	46.8	37.5	7.1	0.0	1.3	524.3	523.8	520.6	535.6	.	517.5
Israel	603	524	65.4	20.3	14.3	6.9	0.0	3.6	524.1	485.7	499.0	513.3	.	461.1
Italy	230	212	13.8	19.7	66.5	4.6	0.0	1.5	506.4	482.0	493.4	512.6	.	527.9
Japan	231	228	28.5	27.7	43.8	0.3	0.0	0.6	594.1	580.3	585.6	571.1	.	579.2
Jordan	260	254	46.8	41.9	11.3	0.0	0.0	3.3	380.8	388.3	386.4	.	.	414.9
Kazakhstan	239	234	21.5	20.6	58.0	0.4	0.0	1.7	524.1	544.8	522.1	518.8	.	564.6
Korea, Rep. of	317	317	32.0	32.2	35.9	0.0	0.0	0.0	602.7	604.0	610.0	.	.	.
Kuwait	191	187	50.8	23.8	25.3	1.4	0.0	0.9	393.2	393.1	392.7	401.3	.	316.4
Lebanon	185	170	10.7	24.6	64.8	2.8	0.0	3.9	454.6	450.8	438.0	460.6	.	417.7
Lithuania	269	255	5.0	4.8	90.2	4.8	0.0	0.9	476.3	522.2	511.8	524.4	.	522.8
Malaysia	326	300	24.4	49.6	26.0	6.2	0.0	0.9	463.2	459.2	482.5	455.7	.	434.9
Malta	224	206	17.8	61.3	20.9	6.4	0.0	1.2	509.5	495.5	479.3	480.0	.	483.2
Morocco	373	344	4.7	16.6	78.6	2.3	0.0	5.0	374.1	387.6	384.7	384.9	.	379.4
New Zealand	489	460	6.1	80.3	13.6	3.8	0.0	0.8	517.6	495.9	471.0	471.8	.	457.9
Norway	239	208	17.8	40.4	41.7	9.6	0.0	1.5	511.4	513.3	513.5	498.8	.	503.3
Oman	356	348	55.0	18.3	26.7	0.0	0.0	2.1	407.8	413.7	385.6	.	.	412.9
Qatar	250	243	33.5	52.1	14.4	0.5	0.0	0.9	443.2	428.0	454.5	547.9	.	396.4
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	28.0	59.6	12.4	0.6	0.0	1.6	372.2	364.8	368.1	448.5	.	364.4
Singapore	334	330	65.5	26.1	8.4	1.7	0.0	0.0	631.9	600.3	587.0	681.7	.	.
Slovenia	467	429	40.8	29.0	30.2	5.6	0.0	1.5	517.7	518.9	512.6	511.8	.	524.1
South Africa	334	316	34.6	61.0	4.4	1.1	0.0	4.9	371.4	376.5	319.9	415.4	.	364.9
Sweden	206	196	15.4	68.0	16.5	1.8	0.0	1.7	508.7	502.0	485.9	510.0	.	509.7
Thailand	205	202	37.4	25.6	36.9	0.0	0.0	1.7	447.2	411.1	429.6	.	.	430.2
Turkey	220	218	29.2	68.9	1.9	0.0	0.0	0.8	459.0	458.1	424.9	.	.	442.5
United Arab Emirates	746	636	29.7	52.9	17.4	9.4	0.0	3.3	465.9	468.7	464.1	447.4	.	453.4
United States	429	365	21.4	56.4	22.2	13.6	0.0	0.8	514.0	523.7	508.5	516.7	.	548.8
International Avg. (38)	12055	10859	32.1	39.6	28.3	3.9	0.0	1.9	483.4	478.6	475.2	490.5	.	467.7
Buenos Aires, Argentina	138	59	8.4	36.8	54.8	57.3	0.0	1.1	422.5	385.4	387.4	400.5	.	413.7
Ontario, Canada	217	179	25.7	65.8	8.6	13.7	0.0	3.5	522.6	524.9	515.7	510.9	.	537.7
Quebec, Canada	175	157	23.3	66.0	10.7	9.2	0.0	0.2	552.6	547.5	561.9	477.7	.	462.3
Norway (8)	239	208	1.4	23.3	75.3	9.3	0.0	1.2	500.4	491.2	486.0	481.9	.	476.8
Abu Dhabi, UAE	207	166	36.3	43.2	20.4	13.4	0.0	4.4	435.5	449.3	430.3	439.9	.	470.9
Dubai, UAE	267	241	32.9	50.0	17.0	5.0	0.0	1.4	525.3	508.3	513.5	465.6	.	482.7
Florida, US	110	77	18.5	69.8	11.7	25.8	0.0	0.9	488.2	517.6	447.1	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Representation of functions as ordered pairs, tables, graphs, words, or equations
Location: TQM-21Be (BTBM21BE)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	742	6.1	69.2	24.7	10.6	0.0	3.4	543.1	513.6	490.6	473.9	.	482.6
Bahrain	201	196	36.5	56.0	7.5	1.1	0.0	1.5	451.0	450.8	491.5	450.8	.	457.9
Botswana	169	149	18.7	36.1	45.2	5.5	0.0	4.8	393.5	399.4	386.0	383.2	.	374.0
Canada	409	354	12.2	61.3	26.6	10.9	0.0	2.2	526.9	529.1	534.1	502.5	.	535.5
Chile	173	149	7.2	72.2	20.6	9.4	0.0	2.7	416.2	434.0	418.8	406.3	.	430.1
Chinese Taipei	216	214	81.7	13.4	4.9	0.0	0.0	0.8	599.2	598.0	583.3	.	.	701.7
Egypt	215	209	22.3	42.8	35.0	0.8	0.0	1.1	391.0	386.6	397.7	431.7	.	434.6
England	215	181	21.2	45.7	33.1	13.9	0.0	0.8	554.4	500.8	517.0	524.9	.	480.0
Georgia	188	185	10.9	49.1	40.0	0.0	0.0	1.2	454.2	455.7	449.9	.	.	454.1
Hong Kong SAR	175	171	32.9	33.5	33.6	1.8	0.0	1.4	585.8	586.6	608.9	615.8	.	596.3
Hungary	278	267	50.4	43.8	5.9	3.4	0.0	0.6	512.6	516.1	511.5	518.2	.	552.7
Iran, Islamic Rep. of	251	247	2.3	11.0	86.8	0.0	0.0	1.7	433.4	423.8	438.8	.	.	396.1
Ireland	526	478	2.8	45.7	51.5	7.1	0.0	0.9	529.6	531.1	515.1	535.6	.	498.3
Israel	603	527	15.3	82.0	2.7	6.9	0.0	3.1	514.5	512.8	476.2	513.3	.	470.6
Italy	230	210	16.6	52.6	30.8	4.6	0.0	3.1	497.3	493.6	492.4	512.6	.	483.3
Japan	231	228	39.7	56.5	3.8	0.3	0.0	0.6	590.7	580.9	627.3	571.1	.	579.2
Jordan	260	257	28.1	65.4	6.5	0.0	0.0	1.5	388.3	383.2	390.3	.	.	413.6
Kazakhstan	239	236	46.2	44.2	9.6	0.4	0.0	1.1	518.5	540.9	509.3	518.8	.	558.1
Korea, Rep. of	317	317	50.5	48.5	1.0	0.0	0.0	0.0	606.5	604.9	612.2	.	.	.
Kuwait	191	185	26.7	26.4	46.9	1.4	0.0	2.5	406.2	404.1	380.4	401.3	.	345.4
Lebanon	185	169	7.3	25.8	66.9	2.8	0.0	4.4	445.7	443.6	442.2	460.6	.	423.2
Lithuania	269	255	6.0	46.8	47.2	4.8	0.0	0.2	497.8	512.9	510.1	524.4	.	500.4
Malaysia	326	302	3.2	34.9	61.9	6.2	0.0	0.7	443.0	464.1	468.9	455.7	.	409.1
Malta	224	206	13.4	62.3	24.3	6.4	0.0	1.2	530.4	500.3	460.2	480.0	.	483.2
Morocco	373	358	4.7	44.4	51.0	2.3	0.0	1.2	367.1	388.1	382.5	384.9	.	392.0
New Zealand	489	459	4.8	80.2	15.0	3.8	0.0	1.0	517.5	497.7	465.5	471.8	.	466.4
Norway	239	209	8.5	36.1	55.4	9.6	0.0	1.1	516.3	510.2	514.4	498.8	.	499.1
Oman	356	344	17.9	66.7	15.5	0.0	0.0	3.7	409.5	401.0	406.0	.	.	399.2
Qatar	250	241	23.6	58.7	17.7	0.5	0.0	1.6	433.5	438.6	437.7	547.9	.	392.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	31.2	65.7	3.1	0.6	0.0	1.6	365.1	367.1	392.8	448.5	.	364.4
Singapore	334	330	24.7	69.7	5.6	1.7	0.0	0.0	661.0	608.6	579.3	681.7	.	.
Slovenia	467	430	5.5	57.4	37.1	5.6	0.0	1.3	522.5	519.9	510.3	511.8	.	526.6
South Africa	334	315	25.1	61.8	13.1	1.1	0.0	6.0	366.6	371.6	380.3	415.4	.	377.8
Sweden	206	196	5.0	42.1	52.9	1.8	0.0	1.7	507.7	501.9	498.5	510.0	.	509.7
Thailand	205	202	39.3	22.2	38.5	0.0	0.0	1.7	436.0	416.0	435.7	.	.	430.2
Turkey	220	218	21.5	20.7	57.8	0.0	0.0	1.6	464.5	476.7	450.0	.	.	396.5
United Arab Emirates	746	644	20.6	60.1	19.3	9.4	0.0	2.2	454.5	468.3	471.8	447.4	.	483.7
United States	429	365	7.2	88.4	4.4	13.6	0.0	0.8	543.5	517.2	497.4	516.7	.	548.8
International Avg. (38)	12055	10891	21.0	50.0	29.0	3.9	0.0	1.8	484.1	480.3	477.2	490.5	.	468.0
Buenos Aires, Argentina	138	60	6.6	31.4	61.9	57.3	0.0	0.3	413.5	383.4	390.4	400.5	.	471.1
Ontario, Canada	217	179	17.6	56.5	25.9	13.7	0.0	3.5	528.4	521.1	525.6	510.9	.	537.7
Quebec, Canada	175	158	6.0	65.8	28.2	8.0	0.0	0.2	519.3	549.5	555.9	475.4	.	462.3
Norway (8)	239	208	1.6	15.2	83.2	9.3	0.0	1.2	468.0	492.7	486.8	481.9	.	476.8
Abu Dhabi, UAE	207	170	20.9	62.1	17.0	13.4	0.0	2.5	428.3	445.4	427.0	439.9	.	551.2
Dubai, UAE	267	244	16.2	65.4	18.5	5.0	0.0	1.0	513.8	513.1	519.9	465.6	.	495.7
Florida, US	110	77	16.1	80.3	3.7	25.8	0.0	0.9	549.0	493.8	528.9	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Algebra: Properties of functions
Location: TQM-21Bf (BTBM21BF)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	1.2	37.3	61.4	10.6	0.0	3.7	524.6	525.5	499.5	473.9	.	489.1
Bahrain	201	192	20.2	63.2	16.5	1.1	0.0	3.4	445.0	451.0	476.4	450.8	.	454.6
Botswana	169	150	6.0	30.9	63.1	5.5	0.0	3.6	392.5	401.9	386.8	383.2	.	378.1
Canada	409	354	2.6	9.8	87.6	11.1	0.0	2.1	523.4	535.9	529.7	502.8	.	537.7
Chile	173	147	4.0	23.8	72.2	9.4	0.0	3.8	396.3	422.6	434.1	406.3	.	423.2
Chinese Taipei	216	214	26.7	8.3	65.0	0.0	0.0	0.9	604.7	600.8	597.0	.	.	569.9
Egypt	215	208	8.2	56.9	34.9	0.8	0.0	1.3	382.1	393.2	390.2	431.7	.	443.9
England	215	182	12.4	41.2	46.4	13.9	0.0	0.0	549.3	544.5	484.4	524.9	.	.
Georgia	188	185	7.1	40.6	52.3	0.0	0.0	1.9	498.6	455.9	446.0	.	.	424.4
Hong Kong SAR	175	173	4.3	6.6	89.1	1.8	0.0	0.0	636.8	586.9	592.3	615.8	.	.
Hungary	278	267	27.1	60.4	12.5	3.4	0.0	0.6	516.7	512.2	517.2	518.2	.	552.7
Iran, Islamic Rep. of	251	247	0.0	5.5	94.5	0.0	0.0	1.7	.	406.9	438.8	.	.	396.1
Ireland	526	481	2.2	47.8	50.0	7.1	0.0	0.5	519.8	532.3	514.0	535.6	.	467.9
Israel	603	527	7.8	91.2	1.1	6.9	0.0	3.1	497.5	514.0	454.8	513.3	.	470.6
Italy	230	212	5.3	15.3	79.4	4.6	0.0	0.8	488.9	508.2	490.4	512.6	.	557.2
Japan	231	229	12.6	86.7	0.7	0.3	0.0	0.3	619.7	581.3	641.1	571.1	.	572.6
Jordan	260	252	13.9	69.2	16.9	0.0	0.0	3.6	375.5	388.2	377.8	.	.	410.1
Kazakhstan	239	233	35.6	43.4	21.0	0.4	0.0	1.6	526.4	535.9	514.9	518.8	.	510.1
Korea, Rep. of	317	317	13.0	86.7	0.3	0.0	0.0	0.0	613.0	604.6	614.0	.	.	.
Kuwait	191	184	6.1	8.5	85.4	1.4	0.0	2.7	442.0	430.0	386.4	401.3	.	351.0
Lebanon	185	169	3.3	8.7	88.0	2.8	0.0	5.0	455.0	436.9	443.0	460.6	.	424.2
Lithuania	269	255	22.2	16.0	61.8	4.8	0.0	0.2	514.7	521.0	506.6	524.4	.	500.4
Malaysia	326	302	3.2	19.9	76.8	6.2	0.0	0.7	444.3	457.8	469.5	455.7	.	409.1
Malta	224	206	11.6	56.3	32.1	6.4	0.0	1.2	529.4	508.9	456.9	480.0	.	483.2
Morocco	373	358	2.4	14.9	82.7	2.3	0.0	1.6	381.3	383.5	384.4	384.9	.	393.6
New Zealand	489	459	1.3	42.6	56.1	3.8	0.0	0.9	532.5	517.3	475.2	471.8	.	459.9
Norway	239	209	5.0	22.5	72.5	9.6	0.0	1.1	512.5	517.1	511.8	498.8	.	499.1
Oman	356	344	3.4	9.0	87.6	0.0	0.0	2.4	423.8	406.8	402.0	.	.	403.6
Qatar	250	242	15.1	52.4	32.6	0.5	0.0	1.7	420.7	430.9	454.8	547.9	.	400.9
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	11.8	25.8	62.4	0.6	0.0	1.7	344.5	367.7	371.3	448.5	.	370.0
Singapore	334	330	23.9	66.8	9.3	1.7	0.0	0.0	657.1	606.9	617.6	681.7	.	.
Slovenia	467	430	0.2	3.2	96.5	5.6	0.0	1.3	504.6	534.2	515.9	511.8	.	526.6
South Africa	334	311	13.7	49.4	36.9	1.1	0.0	6.2	355.1	377.8	371.0	415.4	.	367.9
Sweden	206	196	0.8	28.4	70.8	1.8	0.0	1.7	526.6	505.8	497.9	510.0	.	509.7
Thailand	205	201	10.2	12.6	77.2	0.0	0.0	2.1	447.6	403.3	434.2	.	.	420.7
Turkey	220	218	3.8	19.9	76.2	0.0	0.0	1.4	450.2	481.3	451.8	.	.	459.5
United Arab Emirates	746	641	10.5	45.6	43.9	9.4	0.0	2.1	482.8	464.6	464.1	447.4	.	477.6
United States	429	364	5.2	89.5	5.2	13.6	0.0	0.9	574.6	516.8	486.8	516.7	.	550.1
International Avg. (38)	12055	10874	9.6	37.3	53.1	3.9	0.0	1.8	489.5	483.4	476.3	490.5	.	460.7
Buenos Aires, Argentina	138	60	2.6	6.8	90.6	57.3	0.0	0.3	385.0	354.3	392.5	400.5	.	471.1
Ontario, Canada	217	180	4.5	11.5	84.0	13.5	0.0	3.5	523.4	532.6	522.4	510.3	.	537.7
Quebec, Canada	175	157	0.0	8.1	91.9	9.1	0.0	0.0	526.0	554.8	549.1	482.0	.	.
Norway (8)	239	208	0.2	4.7	95.2	9.3	0.0	1.2	482.9	490.6	487.3	481.9	.	476.8
Abu Dhabi, UAE	207	170	8.7	41.6	49.7	13.4	0.0	1.5	502.2	436.1	432.9	439.9	.	541.2
Dubai, UAE	267	243	10.2	50.4	39.4	5.0	0.0	1.1	507.5	511.7	519.8	465.6	.	499.1
Florida, US	110	77	10.2	89.8	0.0	25.8	0.0	0.9	543.6	499.4	.	468.9	.	337.8

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Geometric properties of angles and geometric shapes
Location: TQM-21Ca (BTBM21CA)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	26.8	63.1	10.1	10.6	0.0	3.1	508.8	512.5	490.3	473.9	.	492.3
Bahrain	201	197	68.8	19.7	11.4	1.1	0.0	1.0	451.6	461.6	456.3	450.8	.	443.0
Botswana	169	152	40.6	48.5	11.0	5.5	0.0	2.6	391.0	394.9	381.5	383.2	.	371.6
Canada	409	355	57.8	34.1	8.1	10.9	0.0	2.0	533.4	529.1	512.2	502.5	.	533.0
Chile	173	144	69.8	28.4	1.8	9.4	0.0	6.4	425.8	436.2	401.1	406.3	.	446.8
Chinese Taipei	216	216	23.9	70.1	6.0	0.0	0.0	0.0	599.8	598.3	606.1	.	.	.
Egypt	215	210	85.3	14.6	0.1	0.8	0.0	1.0	392.7	384.8	313.1	431.7	.	431.2
England	215	181	64.6	31.2	4.2	13.9	0.0	0.8	523.6	503.1	513.0	524.9	.	567.0
Georgia	188	184	19.2	73.4	7.4	0.0	0.0	1.9	445.9	454.3	457.6	.	.	468.3
Hong Kong SAR	175	173	28.7	50.9	20.4	1.8	0.0	0.0	601.2	599.5	569.3	615.8	.	.
Hungary	278	267	94.8	5.2	0.0	3.4	0.0	0.6	512.5	543.0	.	518.2	.	552.7
Iran, Islamic Rep. of	251	247	33.5	65.8	0.7	0.0	0.0	1.8	429.3	441.8	359.2	.	.	402.4
Ireland	526	473	35.0	42.2	22.8	7.1	0.0	2.1	533.7	515.4	520.6	535.6	.	504.0
Israel	603	519	63.4	31.0	5.6	6.9	0.0	4.3	516.5	506.5	493.5	513.3	.	481.7
Italy	230	215	99.6	0.4	0.0	4.6	0.0	0.9	493.7	459.3	.	512.6	.	485.8
Japan	231	228	26.6	73.4	0.0	0.3	0.0	0.6	607.4	579.0	.	571.1	.	579.7
Jordan	260	256	73.3	25.6	1.1	0.0	0.0	2.2	383.3	387.9	403.7	.	.	422.5
Kazakhstan	239	236	56.4	41.2	2.4	0.4	0.0	0.5	526.6	527.9	550.3	518.8	.	559.1
Korea, Rep. of	317	317	30.9	68.2	0.9	0.0	0.0	0.0	612.7	602.6	603.3	.	.	.
Kuwait	191	187	45.9	51.4	2.7	1.4	0.0	0.6	398.7	385.6	430.4	401.3	.	313.2
Lebanon	185	174	50.0	50.0	0.0	2.8	0.0	3.2	443.5	441.6	.	460.6	.	422.0
Lithuania	269	255	78.0	20.9	1.1	4.8	0.0	1.1	511.4	512.5	433.3	524.4	.	499.5
Malaysia	326	302	52.8	40.4	6.8	6.2	0.0	0.7	463.4	471.7	457.8	455.7	.	409.1
Malta	224	207	50.5	47.0	2.5	6.4	0.0	0.8	505.6	484.0	474.3	480.0	.	467.9
Morocco	373	360	78.7	19.0	2.3	2.3	0.0	1.3	384.4	381.6	393.1	384.9	.	407.5
New Zealand	489	460	16.9	73.0	10.1	3.8	0.0	0.8	513.9	489.6	491.1	471.8	.	461.3
Norway	239	209	38.0	55.6	6.4	9.6	0.0	1.1	511.5	512.6	526.7	498.8	.	499.1
Oman	356	349	59.4	38.1	2.4	0.0	0.0	1.5	406.7	397.9	384.5	.	.	427.5
Qatar	250	242	44.7	52.9	2.5	0.5	0.0	1.4	440.5	431.0	506.7	547.9	.	390.9
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	71.0	29.0	0.0	0.6	0.0	2.8	367.0	368.4	.	448.5	.	361.8
Singapore	334	327	65.5	32.9	1.5	1.7	0.0	0.9	645.8	568.3	617.6	681.7	.	631.4
Slovenia	467	429	82.1	16.9	1.0	5.6	0.0	1.3	516.1	519.6	498.2	511.8	.	525.7
South Africa	334	312	41.1	56.8	2.2	1.1	0.0	6.6	373.8	372.6	333.5	415.4	.	367.3
Sweden	206	197	51.2	47.2	1.6	1.8	0.0	1.7	504.8	497.6	440.1	510.0	.	510.9
Thailand	205	202	43.6	47.7	8.7	0.0	0.0	1.7	437.4	424.2	437.1	.	.	452.6
Turkey	220	219	87.1	12.4	0.5	0.0	0.0	0.3	456.3	468.2	480.1	.	.	377.5
United Arab Emirates	746	640	53.0	43.6	3.4	9.4	0.0	2.0	472.5	460.5	452.6	447.4	.	465.8
United States	429	364	58.3	26.8	14.9	13.6	0.0	1.4	520.0	513.9	522.6	516.7	.	506.5
International Avg. (38)	12055	10891	54.4	40.8	4.9	3.9	0.0	1.6	483.2	477.3	470.0	490.5	.	464.0
Buenos Aires, Argentina	138	60	33.1	56.9	10.0	57.3	0.0	0.3	411.0	381.6	365.0	400.5	.	471.1
Ontario, Canada	217	180	45.6	43.4	11.0	13.7	0.0	3.2	523.2	526.4	514.8	510.9	.	535.3
Quebec, Canada	175	158	76.0	23.3	0.7	8.0	0.0	0.2	551.7	541.9	563.5	475.4	.	462.3
Norway (8)	239	208	11.5	79.5	9.0	9.3	0.0	1.2	482.0	487.7	491.5	481.9	.	476.8
Abu Dhabi, UAE	207	169	47.0	50.4	2.6	13.4	0.0	2.1	444.9	436.4	433.9	439.9	.	507.1
Dubai, UAE	267	239	55.6	41.1	3.3	5.0	0.0	2.3	524.0	504.7	507.2	465.6	.	464.6
Florida, US	110	76	48.0	34.9	17.1	25.8	0.0	1.9	524.6	479.0	503.4	468.9	.	386.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Congruent figures and similar triangles
Location: TQM-21Cb (BTBM21CB)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	739	3.7	48.1	48.2	10.6	0.0	3.8	512.8	512.0	506.1	473.9	.	497.1
Bahrain	201	197	38.6	51.1	10.3	1.1	0.0	1.0	452.0	454.1	461.8	450.8	.	443.0
Botswana	169	151	8.6	29.5	61.9	5.5	0.0	3.2	391.2	391.6	392.3	383.2	.	370.0
Canada	409	352	43.8	38.3	17.9	10.9	0.0	3.2	526.2	533.2	534.4	502.5	.	528.9
Chile	173	143	46.0	23.0	31.1	9.4	0.0	7.0	421.9	406.4	454.1	406.3	.	444.4
Chinese Taipei	216	215	10.7	69.7	19.6	0.0	0.0	0.6	593.0	597.9	605.4	.	.	642.3
Egypt	215	210	26.0	74.0	0.0	0.8	0.0	1.0	391.6	391.5	.	431.7	.	431.2
England	215	181	16.8	33.2	50.1	13.9	0.0	0.8	534.9	530.9	501.2	524.9	.	567.0
Georgia	188	184	9.7	16.2	74.1	0.0	0.0	1.6	459.6	451.7	453.5	.	.	416.3
Hong Kong SAR	175	173	42.8	53.0	4.2	1.8	0.0	0.0	586.5	602.9	555.3	615.8	.	.
Hungary	278	267	34.3	55.1	10.6	3.4	0.0	0.6	505.8	516.0	530.7	518.2	.	552.7
Iran, Islamic Rep. of	251	247	18.2	71.4	10.4	0.0	0.0	1.9	424.3	433.9	474.3	.	.	434.1
Ireland	526	479	5.6	39.3	55.1	7.1	0.0	0.8	522.2	527.1	519.7	535.6	.	502.5
Israel	603	523	6.9	83.1	10.1	6.9	0.0	3.7	512.5	515.3	482.5	513.3	.	483.8
Italy	230	216	86.3	12.8	0.9	4.6	0.0	0.0	493.1	497.2	478.4	512.6	.	.
Japan	231	228	6.0	72.0	21.9	0.3	0.0	0.5	639.8	584.4	579.0	571.1	.	578.8
Jordan	260	254	57.3	18.4	24.3	0.0	0.0	2.5	384.8	389.0	385.0	.	.	383.6
Kazakhstan	239	235	56.0	26.0	18.0	0.4	0.0	0.9	523.5	549.3	508.8	518.8	.	558.1
Korea, Rep. of	317	316	11.9	88.1	0.0	0.0	0.0	0.6	607.9	605.3	.	.	.	628.2
Kuwait	191	188	35.5	57.3	7.2	1.4	0.0	0.5	399.8	386.3	410.5	401.3	.	297.7
Lebanon	185	172	18.6	23.3	58.1	2.8	0.0	3.4	439.8	441.0	444.2	460.6	.	421.0
Lithuania	269	254	16.2	11.0	72.8	4.8	0.0	1.7	499.6	518.3	512.0	524.4	.	509.7
Malaysia	326	300	8.6	66.6	24.8	6.2	0.0	1.1	446.9	468.8	464.4	455.7	.	476.0
Malta	224	207	1.2	9.9	88.9	6.4	0.0	0.8	578.2	487.9	494.3	480.0	.	467.9
Morocco	373	355	6.9	17.2	75.9	2.3	0.0	2.8	396.9	382.2	383.1	384.9	.	400.4
New Zealand	489	458	5.2	30.9	64.0	3.8	0.0	1.1	527.8	498.0	489.1	471.8	.	471.5
Norway	239	209	7.8	13.6	78.5	9.6	0.0	1.1	505.5	503.4	515.5	498.8	.	499.1
Oman	356	348	28.7	63.1	8.3	0.0	0.0	1.7	409.7	396.9	419.1	.	.	446.0
Qatar	250	244	27.3	45.5	27.2	0.5	0.0	0.8	443.8	435.1	432.9	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	45.9	49.8	4.3	0.6	0.0	2.5	362.3	374.7	335.8	448.5	.	364.8
Singapore	334	327	3.3	86.1	10.6	1.7	0.0	0.9	670.6	615.3	640.2	681.7	.	631.4
Slovenia	467	429	32.8	1.3	65.8	5.6	0.0	1.3	514.1	537.6	517.3	511.8	.	525.7
South Africa	334	315	33.5	63.2	3.3	1.1	0.0	5.5	367.5	375.7	366.0	415.4	.	358.9
Sweden	206	197	22.4	26.8	50.8	1.8	0.0	1.7	506.2	493.9	501.2	510.0	.	510.9
Thailand	205	201	16.2	64.4	19.5	0.3	0.0	1.4	411.6	433.3	441.9	373.6	.	442.0
Turkey	220	220	25.2	74.4	0.5	0.0	0.0	0.0	447.2	461.5	408.8	.	.	.
United Arab Emirates	746	642	31.4	53.1	15.5	9.4	0.0	1.9	460.5	460.0	500.2	447.4	.	476.7
United States	429	364	39.8	47.9	12.4	13.6	0.0	1.3	525.4	510.6	529.5	516.7	.	502.2
International Avg. (38)	12055	10885	24.6	44.9	30.4	3.9	0.0	1.7	484.1	480.8	478.6	486.7	.	475.9
Buenos Aires, Argentina	138	59	8.6	28.4	63.0	57.3	0.0	1.1	415.8	390.0	386.3	400.5	.	401.2
Ontario, Canada	217	179	57.6	31.9	10.5	13.7	0.0	4.2	524.1	518.2	538.9	510.9	.	531.0
Quebec, Canada	175	156	18.6	55.9	25.5	8.0	0.0	2.0	554.1	549.0	548.9	475.4	.	520.3
Norway (8)	239	208	5.2	23.3	71.5	9.3	0.0	1.2	474.8	479.0	491.1	481.9	.	476.8
Abu Dhabi, UAE	207	168	30.2	59.0	10.7	13.4	0.0	2.3	449.9	431.5	461.3	439.9	.	504.8
Dubai, UAE	267	242	20.3	57.3	22.4	5.0	0.0	1.7	494.0	511.9	539.4	465.6	.	505.9
Florida, US	110	76	32.1	50.7	17.2	25.8	0.0	1.9	535.5	481.6	517.5	468.9	.	386.9

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Relationship between three-dimensional shapes and their two-dimensional representations
Location: TQM-21Cc (BTBM21CC)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	26.2	38.5	35.4	10.6	0.0	3.1	515.0	507.9	506.5	473.9	.	492.3
Bahrain	201	194	36.1	46.7	17.2	1.1	0.0	3.1	455.9	450.1	463.5	450.8	.	438.8
Botswana	169	147	17.1	34.4	48.5	5.5	0.0	6.0	386.5	393.9	390.3	383.2	.	397.0
Canada	409	354	30.0	46.9	23.1	10.7	0.0	3.0	524.1	534.0	531.8	501.9	.	524.9
Chile	173	144	27.7	45.5	26.8	9.4	0.0	6.7	423.3	425.1	441.0	406.3	.	438.5
Chinese Taipei	216	214	8.4	34.6	57.0	0.0	0.0	0.7	601.0	598.9	598.5	.	.	634.4
Egypt	215	204	14.3	15.5	70.2	0.8	0.0	3.3	398.8	391.4	390.2	431.7	.	402.1
England	215	180	45.2	23.7	31.1	13.9	0.0	1.1	535.2	496.9	506.0	524.9	.	530.6
Georgia	188	181	7.1	13.4	79.5	0.0	0.0	3.5	444.6	457.0	454.3	.	.	432.7
Hong Kong SAR	175	172	14.6	20.6	64.9	1.8	0.0	0.7	596.3	592.4	593.8	615.8	.	589.1
Hungary	278	266	34.7	31.8	33.5	3.4	0.0	0.9	521.4	517.9	503.1	518.2	.	526.2
Iran, Islamic Rep. of	251	246	26.6	23.0	50.4	0.0	0.0	2.4	451.6	429.6	431.5	.	.	434.4
Ireland	526	479	5.4	35.5	59.0	7.1	0.0	0.8	510.4	518.4	526.6	535.6	.	495.8
Israel	603	520	30.6	13.0	56.4	6.9	0.0	4.1	523.4	519.4	503.5	513.3	.	490.8
Italy	230	215	2.0	92.5	5.5	4.6	0.0	0.0	491.1	494.2	483.9	512.6	.	477.5
Japan	231	229	94.3	4.5	1.2	0.3	0.0	0.3	584.8	598.4	681.2	571.1	.	572.6
Jordan	260	251	19.2	24.3	56.5	0.0	0.0	4.3	393.9	376.0	385.4	.	.	402.9
Kazakhstan	239	231	11.2	19.8	68.9	0.4	0.0	4.5	511.5	544.3	527.1	518.8	.	509.5
Korea, Rep. of	317	316	57.9	30.5	11.7	0.0	0.0	0.6	605.0	602.4	616.8	.	.	628.2
Kuwait	191	184	27.8	12.6	59.6	1.4	0.0	2.7	385.0	425.3	390.0	401.3	.	367.1
Lebanon	185	166	9.4	8.2	82.5	2.8	0.0	6.1	444.5	446.8	442.4	460.6	.	425.6
Lithuania	269	254	9.3	6.1	84.6	4.8	0.0	1.1	512.3	519.3	510.0	524.4	.	499.2
Malaysia	326	299	6.3	54.6	39.1	6.2	0.0	1.3	449.8	469.8	464.2	455.7	.	434.3
Malta	224	207	16.6	29.3	54.1	6.4	0.0	0.8	507.4	486.7	495.1	480.0	.	467.9
Morocco	373	356	14.3	37.2	48.5	2.3	0.0	2.4	388.1	390.3	377.7	384.9	.	404.4
New Zealand	489	460	9.1	48.8	42.1	3.8	0.0	0.8	515.9	490.8	492.6	471.8	.	461.3
Norway	239	209	11.8	30.1	58.0	9.6	0.0	1.1	523.8	509.3	512.8	498.8	.	499.1
Oman	356	339	30.3	31.5	38.2	0.0	0.0	4.0	402.1	402.0	402.2	.	.	427.9
Qatar	250	242	23.4	43.4	33.3	0.5	0.0	1.2	446.9	434.8	433.1	547.9	.	393.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	143	28.9	50.2	21.0	0.6	0.0	3.3	362.1	365.0	378.0	448.5	.	378.1
Singapore	334	327	14.5	56.0	29.5	1.7	0.0	0.9	650.0	614.1	615.9	681.7	.	631.4
Slovenia	467	429	10.9	2.2	86.9	5.6	0.0	1.3	523.6	540.9	515.0	511.8	.	525.7
South Africa	334	309	28.2	47.1	24.7	1.1	0.0	7.1	384.0	358.0	387.0	415.4	.	363.8
Sweden	206	192	6.7	24.9	68.4	1.8	0.0	3.3	506.4	500.8	500.0	510.0	.	497.5
Thailand	205	203	48.1	30.0	21.9	0.0	0.0	1.0	442.0	413.5	433.3	.	.	420.6
Turkey	220	220	15.1	25.0	60.0	0.0	0.0	0.0	450.4	480.4	450.0	.	.	.
United Arab Emirates	746	642	24.9	41.1	34.0	9.4	0.0	2.0	472.1	471.6	456.5	447.4	.	466.1
United States	429	364	43.8	29.0	27.2	13.6	0.0	1.4	520.6	513.6	521.3	516.7	.	506.5
International Avg. (38)	12055	10828	23.4	31.6	45.0	3.9	0.0	2.4	483.2	481.1	481.9	490.5	.	475.3
Buenos Aires, Argentina	138	60	7.4	5.1	87.5	57.3	0.0	0.3	439.1	432.5	383.0	400.5	.	471.1
Ontario, Canada	217	180	46.5	36.7	16.8	13.5	0.0	4.2	524.1	523.1	524.5	510.3	.	531.0
Quebec, Canada	175	157	5.8	59.9	34.3	8.0	0.0	1.4	554.4	551.5	547.2	475.4	.	489.5
Norway (8)	239	207	6.9	14.7	78.5	9.3	0.0	1.6	477.8	491.6	487.3	481.9	.	484.5
Abu Dhabi, UAE	207	167	28.4	32.6	39.0	13.4	0.0	2.9	439.0	443.1	439.3	439.9	.	486.2
Dubai, UAE	267	243	25.6	48.3	26.1	5.0	0.0	1.3	531.5	510.9	505.5	465.6	.	477.4
Florida, US	110	76	42.5	22.8	34.7	25.8	0.0	1.9	506.7	506.4	502.1	468.9	.	386.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Using measurement formulas for perimeters, circumferences, areas, surface areas, and volumes
Location: TQM-21Cd (BTBM21CD)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	9.6	84.4	6.0	10.6	0.0	3.1	511.4	511.1	480.4	473.9	.	490.3
Bahrain	201	195	50.7	47.1	2.3	1.1	0.0	1.5	451.3	456.4	468.6	450.8	.	449.3
Botswana	169	152	37.6	55.4	7.0	5.5	0.0	2.4	387.4	397.6	373.0	383.2	.	361.7
Canada	409	354	19.1	75.0	5.8	10.9	0.0	2.2	527.3	530.4	538.1	502.5	.	530.6
Chile	173	147	13.0	84.5	2.4	9.4	0.0	4.2	418.4	431.3	450.3	406.3	.	419.1
Chinese Taipei	216	214	39.5	43.8	16.7	0.0	0.0	0.8	605.3	591.6	599.2	.	.	701.7
Egypt	215	207	32.3	65.4	2.3	0.8	0.0	2.8	399.2	387.0	383.4	431.7	.	427.8
England	215	180	31.3	56.8	12.0	13.9	0.0	1.2	513.4	516.2	527.0	524.9	.	556.5
Georgia	188	180	10.7	53.4	35.9	0.0	0.0	4.3	457.8	445.2	466.5	.	.	430.8
Hong Kong SAR	175	173	16.0	70.5	13.5	1.8	0.0	0.0	602.5	592.3	592.1	615.8	.	.
Hungary	278	267	60.5	38.2	1.3	3.4	0.0	0.6	511.4	515.9	583.1	518.2	.	552.7
Iran, Islamic Rep. of	251	245	70.9	26.4	2.7	0.0	0.0	3.4	443.1	423.1	400.3	.	.	427.2
Ireland	526	477	6.6	63.0	30.4	7.1	0.0	0.7	534.7	519.2	528.3	535.6	.	462.2
Israel	603	520	64.8	27.7	7.5	6.9	0.0	4.0	520.4	504.4	466.6	513.3	.	483.6
Italy	230	212	13.0	85.5	1.5	4.6	0.0	1.1	497.9	492.4	507.6	512.6	.	512.0
Japan	231	229	96.3	3.7	0.0	0.3	0.0	0.3	586.4	591.0	.	571.1	.	572.6
Jordan	260	254	36.1	42.1	21.8	0.0	0.0	2.1	387.1	383.9	384.8	.	.	400.9
Kazakhstan	239	237	29.6	56.0	14.4	0.4	0.0	0.3	532.5	528.7	516.0	518.8	.	467.1
Korea, Rep. of	317	316	87.7	11.5	0.8	0.0	0.0	0.6	606.1	601.1	619.8	.	.	628.2
Kuwait	191	186	77.1	18.8	4.2	1.4	0.0	1.8	389.4	405.4	394.1	401.3	.	378.2
Lebanon	185	169	51.3	44.0	4.7	2.8	0.0	4.9	446.6	438.0	462.0	460.6	.	411.3
Lithuania	269	254	58.2	33.0	8.8	4.8	0.0	1.1	508.3	516.3	506.9	524.4	.	499.2
Malaysia	326	301	21.8	76.4	1.8	6.2	0.0	0.7	468.0	464.8	513.5	455.7	.	413.0
Malta	224	207	17.1	70.8	12.1	6.4	0.0	0.8	517.0	496.1	455.0	480.0	.	467.9
Morocco	373	356	58.9	35.1	6.0	2.3	0.0	1.1	384.7	383.1	386.2	384.9	.	399.4
New Zealand	489	458	8.5	82.8	8.8	3.8	0.0	0.9	528.2	490.8	489.1	471.8	.	462.7
Norway	239	209	25.6	65.6	8.8	9.6	0.0	1.1	517.0	512.6	504.8	498.8	.	499.1
Oman	356	349	35.9	58.4	5.7	0.0	0.0	1.9	404.5	400.1	423.0	.	.	411.4
Qatar	250	244	37.0	55.4	7.6	0.5	0.0	0.8	417.2	446.3	464.4	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	36.2	63.8	0.0	1.3	0.0	1.6	359.8	371.9	.	386.6	.	364.4
Singapore	334	327	27.3	71.6	1.1	1.7	0.0	0.9	649.5	608.6	608.9	681.7	.	631.4
Slovenia	467	429	46.5	13.1	40.3	5.6	0.0	1.3	517.5	523.3	513.1	511.8	.	525.7
South Africa	334	315	34.5	52.4	13.1	1.1	0.0	5.3	387.2	363.3	364.5	415.4	.	375.2
Sweden	206	192	14.4	75.1	10.5	1.8	0.0	5.5	511.5	498.9	500.8	510.0	.	494.7
Thailand	205	203	22.2	43.3	34.5	0.0	0.0	1.0	433.2	429.4	433.1	.	.	420.6
Turkey	220	218	14.5	24.8	60.7	0.0	0.0	1.2	445.7	470.1	456.6	.	.	397.0
United Arab Emirates	746	642	32.5	63.7	3.8	9.4	0.0	2.7	463.1	469.0	460.6	447.4	.	459.8
United States	429	364	57.9	32.0	10.1	13.6	0.0	1.4	522.8	510.2	522.3	516.7	.	506.5
International Avg. (38)	12055	10867	36.9	51.8	11.2	3.9	0.0	1.9	483.3	479.4	481.8	488.5	.	469.8
Buenos Aires, Argentina	138	60	26.1	32.5	41.4	57.3	0.0	0.3	402.6	382.8	387.0	400.5	.	471.1
Ontario, Canada	217	179	29.6	66.8	3.6	13.7	0.0	3.4	530.1	521.3	516.5	510.9	.	533.6
Quebec, Canada	175	158	2.1	88.3	9.6	8.0	0.0	0.6	565.3	548.6	556.1	475.4	.	497.8
Norway (8)	239	208	11.3	50.6	38.1	9.3	0.0	1.2	489.7	488.3	485.5	481.9	.	476.8
Abu Dhabi, UAE	207	170	28.6	68.0	3.4	13.4	0.0	2.0	457.6	433.7	434.9	439.9	.	501.2
Dubai, UAE	267	243	30.4	65.5	4.1	5.0	0.0	1.1	507.9	517.2	517.4	465.6	.	502.6
Florida, US	110	76	61.9	26.7	11.4	25.8	0.0	1.9	517.9	499.0	449.7	468.9	.	386.9

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Points on the Cartesian plane
Location: TQM-21Ce (BTBM21CE)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	739	20.7	69.2	10.1	10.6	0.0	3.1	516.2	510.9	483.4	473.9	.	492.5
Bahrain	201	195	66.9	24.2	8.9	1.1	0.0	2.3	452.2	452.4	478.2	450.8	.	431.7
Botswana	169	153	59.7	29.1	11.3	5.5	0.0	1.8	390.8	395.2	387.2	383.2	.	369.4
Canada	409	355	51.0	32.4	16.6	10.8	0.0	2.0	536.5	531.5	509.0	501.9	.	533.0
Chile	173	147	32.1	58.6	9.3	9.4	0.0	4.2	420.4	435.3	431.4	406.3	.	419.1
Chinese Taipei	216	214	92.5	7.5	0.0	0.0	0.0	0.8	598.3	598.0	.	.	.	701.7
Egypt	215	209	56.5	24.9	18.6	0.8	0.0	1.7	395.6	397.8	370.4	431.7	.	418.3
England	215	181	58.4	16.7	24.9	13.9	0.0	0.8	531.4	501.0	492.8	524.9	.	567.0
Georgia	188	184	53.2	37.4	9.4	0.0	0.0	2.7	455.7	454.0	444.3	.	.	425.7
Hong Kong SAR	175	173	73.2	13.4	13.4	1.8	0.0	0.0	596.1	583.5	592.1	615.8	.	.
Hungary	278	267	93.8	3.7	2.6	3.4	0.0	0.6	514.5	543.8	454.6	518.2	.	552.7
Iran, Islamic Rep. of	251	247	38.5	37.5	24.0	0.0	0.0	2.3	444.0	447.8	407.5	.	.	424.4
Ireland	526	476	33.0	45.4	21.6	7.1	0.0	1.8	534.8	523.4	506.5	535.6	.	475.3
Israel	603	523	60.7	35.3	4.0	6.9	0.0	3.7	533.7	478.7	472.2	513.3	.	483.8
Italy	230	214	49.8	41.3	8.8	4.6	0.0	0.7	496.2	491.3	483.4	512.6	.	559.5
Japan	231	227	83.3	12.3	4.4	0.3	0.0	1.2	586.5	584.9	596.5	571.1	.	565.9
Jordan	260	256	63.8	34.4	1.8	0.0	0.0	2.3	385.9	383.2	366.6	.	.	425.8
Kazakhstan	239	237	70.2	27.4	2.4	0.4	0.0	0.3	526.5	536.6	472.5	518.8	.	467.1
Korea, Rep. of	317	316	83.2	15.8	1.0	0.0	0.0	0.6	605.9	602.9	625.1	.	.	628.2
Kuwait	191	185	58.7	20.8	20.5	1.4	0.0	2.0	394.0	395.1	389.3	401.3	.	348.1
Lebanon	185	172	31.5	37.1	31.4	2.8	0.0	3.4	454.1	429.8	446.4	460.6	.	421.0
Lithuania	269	255	69.5	1.1	29.4	4.8	0.0	1.1	514.4	532.3	501.5	524.4	.	499.5
Malaysia	326	302	4.9	91.3	3.8	6.2	0.0	0.7	453.3	467.0	469.5	455.7	.	409.1
Malta	224	207	45.3	38.7	16.1	6.4	0.0	0.8	511.4	487.6	464.6	480.0	.	467.9
Morocco	373	352	26.6	21.7	51.7	2.3	0.0	3.6	384.5	385.2	382.9	384.9	.	399.5
New Zealand	489	454	16.2	56.7	27.1	3.8	0.0	1.8	532.8	496.3	465.5	471.8	.	475.6
Norway	239	209	36.2	38.8	25.0	9.6	0.0	1.1	512.0	513.3	514.2	498.8	.	499.1
Oman	356	349	65.9	29.1	5.0	0.0	0.0	1.8	404.3	396.1	428.8	.	.	406.4
Qatar	250	242	51.2	35.9	12.9	0.5	0.0	1.7	421.3	448.4	468.6	547.9	.	404.5
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	54.4	32.8	12.9	0.6	0.0	2.1	372.6	366.0	346.0	448.5	.	377.7
Singapore	334	326	42.9	54.1	3.0	1.7	0.0	1.3	655.0	593.1	589.2	681.7	.	649.0
Slovenia	467	429	9.9	64.7	25.4	5.6	0.0	1.3	519.3	515.5	517.9	511.8	.	525.7
South Africa	334	316	26.0	52.8	21.2	1.1	0.0	5.3	379.4	367.9	376.0	415.4	.	359.6
Sweden	206	195	10.2	40.4	49.4	1.8	0.0	3.0	505.3	499.2	499.7	510.0	.	517.1
Thailand	205	203	35.0	39.3	25.7	0.0	0.0	1.0	446.1	420.7	428.2	.	.	420.6
Turkey	220	220	75.8	20.3	3.9	0.0	0.0	0.0	458.8	462.7	409.8	.	.	.
United Arab Emirates	746	638	43.5	43.9	12.6	9.4	0.0	2.2	468.6	465.4	460.6	447.4	.	482.6
United States	429	364	59.4	25.1	15.4	13.6	0.0	1.4	522.7	515.4	508.8	516.7	.	506.5
International Avg. (38)	12055	10876	50.1	34.5	15.4	3.9	0.0	1.8	485.0	479.2	466.0	490.5	.	475.3
Buenos Aires, Argentina	138	60	13.5	31.3	55.2	57.3	0.0	0.3	419.6	369.0	394.1	400.5	.	471.1
Ontario, Canada	217	181	43.8	34.6	21.6	13.5	0.0	3.2	529.1	524.9	511.1	510.3	.	535.3
Quebec, Canada	175	157	66.4	29.7	3.9	8.2	0.0	0.2	550.8	549.0	533.4	475.8	.	462.3
Norway (8)	239	208	11.4	27.5	61.1	9.3	0.0	1.2	476.9	488.8	488.7	481.9	.	476.8
Abu Dhabi, UAE	207	168	40.3	47.7	12.0	13.4	0.0	1.9	455.3	427.2	442.4	439.9	.	514.7
Dubai, UAE	267	240	42.2	45.5	12.3	5.0	0.0	2.2	514.8	515.5	515.4	465.6	.	476.6
Florida, US	110	76	65.7	23.3	11.0	25.8	0.0	1.9	516.4	489.9	469.7	468.9	.	386.9

Question: When students in this class have been taught each of the following mathematics topics. Geometry: Translation, reflection, and rotation
Location: TQM-21Cf (BTBM21CF)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	30.6	40.4	29.0	10.6	0.0	3.1	515.5	513.6	496.6	473.9	.	492.0
Bahrain	201	194	54.9	35.1	10.0	1.1	0.0	2.9	448.2	457.1	478.7	450.8	.	441.5
Botswana	169	151	57.3	39.0	3.7	5.5	0.0	2.6	389.2	396.7	385.3	383.2	.	366.4
Canada	409	354	61.6	19.5	18.9	10.9	0.0	2.0	536.0	524.6	517.3	502.5	.	532.5
Chile	173	146	11.4	83.0	5.6	9.4	0.0	4.9	419.8	432.8	424.9	406.3	.	406.9
Chinese Taipei	216	215	8.0	27.0	65.1	0.0	0.0	0.1	589.8	598.2	600.5	.	.	706.9
Egypt	215	209	89.8	8.2	2.0	0.8	0.0	1.1	389.8	398.2	435.2	431.7	.	437.8
England	215	180	52.8	30.4	16.8	13.9	0.0	1.2	526.7	510.6	494.0	524.9	.	578.0
Georgia	188	181	19.1	56.1	24.8	0.0	0.0	4.3	456.3	452.2	456.1	.	.	436.5
Hong Kong SAR	175	172	84.0	5.5	10.5	1.8	0.0	0.2	594.0	565.9	605.9	615.8	.	667.1
Hungary	278	266	47.6	43.0	9.4	3.4	0.0	0.6	499.6	524.2	541.1	518.2	.	550.1
Iran, Islamic Rep. of	251	248	39.7	53.8	6.5	0.0	0.0	2.0	434.2	437.8	450.8	.	.	396.3
Ireland	526	476	11.7	25.2	63.1	7.1	0.0	0.9	539.1	529.1	518.0	535.6	.	454.9
Israel	603	520	39.8	9.6	50.7	6.9	0.0	4.1	515.7	490.9	513.0	513.3	.	483.0
Italy	230	216	49.4	16.6	34.0	4.6	0.0	0.0	499.3	495.1	484.4	512.6	.	.
Japan	231	229	96.6	2.1	1.3	0.3	0.0	0.3	584.8	582.8	717.3	571.1	.	572.6
Jordan	260	254	74.0	10.5	15.5	0.0	0.0	2.1	385.5	389.3	379.5	.	.	411.1
Kazakhstan	239	235	14.8	17.3	67.8	0.4	0.0	1.8	517.2	570.4	520.9	518.8	.	468.0
Korea, Rep. of	317	316	21.6	30.6	47.8	0.0	0.0	0.6	600.0	606.9	607.3	.	.	628.2
Kuwait	191	182	46.6	41.2	12.1	1.4	0.0	4.0	394.0	387.9	412.4	401.3	.	360.2
Lebanon	185	173	10.6	37.1	52.3	2.8	0.0	3.6	446.1	437.6	445.1	460.6	.	428.1
Lithuania	269	255	6.0	23.4	70.7	4.8	0.0	1.1	502.3	516.6	509.6	524.4	.	499.5
Malaysia	326	302	3.6	91.3	5.1	6.2	0.0	0.7	440.6	469.6	427.6	455.7	.	409.1
Malta	224	207	38.0	15.6	46.4	6.4	0.0	0.8	515.1	488.5	480.0	480.0	.	467.9
Morocco	373	352	1.6	7.5	90.9	2.3	0.0	3.1	384.6	383.4	384.1	384.9	.	394.1
New Zealand	489	457	15.7	49.7	34.6	3.8	0.0	1.2	523.5	485.2	492.7	471.8	.	471.8
Norway	239	208	16.5	10.8	72.7	9.6	0.0	1.6	507.4	503.8	515.9	498.8	.	496.7
Oman	356	344	29.8	35.9	34.3	0.0	0.0	3.3	404.2	393.8	410.9	.	.	414.6
Qatar	250	243	34.4	51.1	14.5	0.5	0.0	1.2	450.4	420.0	461.7	547.9	.	440.4
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	142	18.3	67.7	14.0	1.7	0.0	2.8	351.7	372.2	373.1	374.6	.	334.4
Singapore	334	326	8.5	18.6	72.9	1.7	0.0	1.2	630.7	614.6	620.5	681.7	.	590.4
Slovenia	467	429	95.4	1.3	3.3	5.6	0.0	1.3	515.6	536.7	533.9	511.8	.	525.7
South Africa	334	314	20.9	27.0	52.1	1.1	0.0	5.4	382.2	376.6	366.3	415.4	.	363.0
Sweden	206	196	8.4	29.9	61.7	1.8	0.0	2.0	507.3	502.7	498.1	510.0	.	515.6
Thailand	205	203	17.5	74.5	8.0	0.0	0.0	1.0	405.6	437.1	436.1	.	.	420.6
Turkey	220	220	30.4	68.9	0.7	0.0	0.0	0.0	464.2	454.4	491.6	.	.	.
United Arab Emirates	746	645	30.0	44.2	25.8	9.4	0.0	1.6	467.6	460.6	475.9	447.4	.	462.4
United States	429	365	22.0	64.4	13.6	13.6	0.0	1.0	537.5	507.5	539.3	516.7	.	530.1
International Avg. (38)	12055	10865	34.7	34.6	30.7	3.9	0.0	1.9	480.8	479.6	486.9	488.1	.	476.5
Buenos Aires, Argentina	138	60	1.0	2.2	96.8	57.3	0.0	0.3	462.5	321.5	390.5	400.5	.	471.1
Ontario, Canada	217	180	50.8	27.2	22.0	13.7	0.0	3.2	525.2	522.7	521.4	510.9	.	535.3
Quebec, Canada	175	157	87.0	7.9	5.1	8.0	0.0	0.3	550.4	542.8	545.0	475.4	.	464.1
Norway (8)	239	208	6.5	18.9	74.6	9.3	0.0	1.2	472.7	478.8	490.9	481.9	.	476.8
Abu Dhabi, UAE	207	170	24.7	52.0	23.3	13.4	0.0	2.1	436.1	441.9	443.8	439.9	.	484.7
Dubai, UAE	267	243	27.3	41.2	31.5	5.0	0.0	1.1	524.1	501.8	522.5	465.6	.	502.6
Florida, US	110	76	32.4	54.6	13.1	25.8	0.0	1.9	537.4	485.5	506.8	468.9	.	386.9

Question: When students in this class have been taught each of the following mathematics topics. Data and Chance: Characteristics of data sets
Location: TQM-21Da (BTBM21DA)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	15.7	65.9	18.4	10.6	0.0	3.1	517.1	507.4	509.0	473.9	.	492.3
Bahrain	201	196	55.3	41.6	3.1	1.1	0.0	1.4	449.4	461.3	440.0	450.8	.	448.9
Botswana	169	154	34.1	44.9	20.9	5.5	0.0	0.9	397.3	390.0	383.9	383.2	.	400.1
Canada	409	355	36.3	35.7	27.9	10.9	0.0	2.0	528.2	523.8	541.0	502.5	.	533.0
Chile	173	149	19.9	70.3	9.8	9.4	0.0	2.7	419.8	432.0	432.1	406.3	.	430.1
Chinese Taipei	216	215	0.0	2.7	97.3	0.0	0.0	0.1	.	608.4	598.7	.	.	706.9
Egypt	215	210	48.8	51.2	0.0	0.8	0.0	1.0	395.5	387.7	.	431.7	.	431.2
England	215	181	54.8	36.9	8.2	13.9	0.0	0.8	517.1	515.2	521.4	524.9	.	567.0
Georgia	188	184	36.8	37.5	25.7	0.0	0.0	2.4	462.0	442.4	460.5	.	.	411.4
Hong Kong SAR	175	173	12.4	28.9	58.7	1.8	0.0	0.0	610.4	593.3	590.6	615.8	.	.
Hungary	278	267	20.8	52.1	27.2	3.4	0.0	0.6	507.5	515.1	517.1	518.2	.	552.7
Iran, Islamic Rep. of	251	250	6.8	55.5	37.7	0.0	0.0	0.7	435.1	443.1	427.2	.	.	405.3
Ireland	526	480	25.0	55.2	19.8	7.1	0.0	0.9	521.5	521.5	528.0	535.6	.	501.6
Israel	603	521	8.1	60.9	31.0	6.9	0.0	4.3	495.4	519.8	499.1	513.3	.	496.5
Italy	230	216	30.1	35.6	34.3	4.6	0.0	0.0	499.9	489.1	492.5	512.6	.	.
Japan	231	229	91.9	3.2	4.9	0.3	0.0	0.3	580.3	666.7	652.6	571.1	.	572.6
Jordan	260	256	59.9	11.5	28.6	0.0	0.0	1.6	383.7	394.7	384.3	.	.	410.5
Kazakhstan	239	237	71.9	13.5	14.6	0.4	0.0	0.3	525.5	547.9	521.9	518.8	.	467.1
Korea, Rep. of	317	316	17.0	9.6	73.4	0.0	0.0	0.6	598.2	612.6	606.4	.	.	628.2
Kuwait	191	186	73.7	22.5	3.8	1.4	0.0	1.7	389.5	402.1	392.8	401.3	.	385.1
Lebanon	185	171	10.9	25.8	63.3	2.8	0.0	3.8	458.8	430.8	444.9	460.6	.	420.1
Lithuania	269	255	69.8	13.7	16.5	4.8	0.0	1.1	514.0	509.4	498.4	524.4	.	499.5
Malaysia	326	302	5.2	32.0	62.8	6.2	0.0	0.7	454.5	459.3	471.0	455.7	.	409.1
Malta	224	207	42.3	44.0	13.7	6.4	0.0	0.8	515.6	478.2	483.3	480.0	.	467.9
Morocco	373	359	3.9	39.1	57.0	2.3	0.0	1.5	404.1	383.6	383.1	384.9	.	400.4
New Zealand	489	459	14.0	76.0	10.1	3.8	0.0	0.8	515.4	489.9	493.5	471.8	.	458.1
Norway	239	208	57.3	30.5	12.3	9.6	0.0	1.2	516.7	509.1	505.7	498.8	.	502.2
Oman	356	351	15.5	71.4	13.2	0.0	0.0	1.2	425.3	397.7	404.6	.	.	426.7
Qatar	250	244	40.8	30.8	28.5	0.5	0.0	0.8	437.9	445.6	426.0	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	38.9	61.1	0.0	0.6	0.0	2.1	363.3	369.4	.	448.5	.	377.7
Singapore	334	327	12.4	80.0	7.6	1.7	0.0	0.9	685.8	611.9	596.1	681.7	.	631.4
Slovenia	467	429	3.5	1.2	95.3	5.6	0.0	1.3	512.3	560.5	516.1	511.8	.	525.7
South Africa	334	310	41.1	15.9	42.9	1.1	0.0	6.5	381.9	360.6	366.5	415.4	.	371.9
Sweden	206	196	63.4	12.6	24.0	1.8	0.0	2.0	507.4	488.4	488.6	510.0	.	502.8
Thailand	205	203	4.9	9.4	85.6	0.0	0.0	1.0	398.8	415.9	435.1	.	.	420.6
Turkey	220	219	65.7	33.1	1.2	0.0	0.0	0.3	463.0	448.7	417.8	.	.	434.0
United Arab Emirates	746	646	50.1	41.4	8.4	9.4	0.0	1.5	468.5	462.8	471.9	447.4	.	476.3
United States	429	364	80.1	12.2	7.7	13.6	0.0	1.4	517.3	519.0	532.9	516.7	.	506.5
International Avg. (38)	12055	10911	35.2	35.9	28.8	3.9	0.0	1.4	480.4	482.0	484.3	490.5	.	474.0
Buenos Aires, Argentina	138	60	5.1	14.6	80.3	57.3	0.0	0.3	440.7	401.4	384.4	400.5	.	471.1
Ontario, Canada	217	180	44.4	50.8	4.9	13.7	0.0	3.2	527.9	520.0	523.5	510.9	.	535.3
Quebec, Canada	175	158	17.0	18.3	64.7	8.0	0.0	0.2	552.8	543.3	550.4	475.4	.	462.3
Norway (8)	239	207	9.8	57.1	33.1	9.3	0.0	1.6	483.3	488.4	486.4	481.9	.	487.8
Abu Dhabi, UAE	207	170	45.0	47.8	7.2	13.4	0.0	1.7	458.5	422.4	444.9	439.9	.	523.7
Dubai, UAE	267	243	50.7	39.7	9.6	5.0	0.0	1.3	509.9	522.6	508.4	465.6	.	477.3
Florida, US	110	76	72.7	14.2	13.1	25.8	0.0	1.9	498.5	522.5	522.4	468.9	.	386.9

Question: When students in this class have been taught each of the following mathematics topics. Data and Chance: Interpreting data sets
Location: TQM-21Db (BTBM21DB)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	741	7.8	56.7	35.5	10.6	0.0	3.1	516.2	510.0	506.6	473.9	.	492.3
Bahrain	201	195	38.2	37.6	24.1	1.1	0.0	1.6	452.8	450.0	462.0	450.8	.	454.3
Botswana	169	152	13.7	35.6	50.7	5.5	0.0	1.6	398.3	390.7	389.9	383.2	.	388.9
Canada	409	354	25.0	38.1	36.8	10.9	0.0	2.0	531.2	522.1	537.9	502.5	.	532.8
Chile	173	148	13.1	58.6	28.3	9.4	0.0	3.6	438.8	428.4	429.9	406.3	.	415.4
Chinese Taipei	216	215	1.4	0.3	98.3	0.0	0.0	0.1	594.9	545.9	599.2	.	.	706.9
Egypt	215	208	31.2	35.5	33.3	0.8	0.0	1.9	401.0	393.6	380.1	431.7	.	418.2
England	215	181	19.4	49.2	31.4	13.9	0.0	0.8	525.7	517.4	510.2	524.9	.	567.0
Georgia	188	182	9.3	23.5	67.2	0.0	0.0	2.8	463.6	455.4	451.5	.	.	442.0
Hong Kong SAR	175	173	16.5	30.6	52.9	1.8	0.0	0.0	609.2	601.1	584.9	615.8	.	.
Hungary	278	267	19.4	40.5	40.1	3.4	0.0	0.6	517.9	513.3	512.9	518.2	.	552.7
Iran, Islamic Rep. of	251	250	9.1	44.5	46.4	0.0	0.0	0.7	419.6	442.1	434.6	.	.	405.3
Ireland	526	480	15.8	52.2	32.0	7.1	0.0	0.9	518.2	525.0	521.4	535.6	.	501.6
Israel	603	517	14.7	41.6	43.7	6.9	0.0	4.8	532.4	518.7	497.2	513.3	.	499.1
Italy	230	215	22.0	32.4	45.6	4.6	0.0	0.8	508.8	486.3	490.7	512.6	.	523.9
Japan	231	228	55.3	11.6	33.1	0.3	0.0	0.5	579.4	596.8	594.9	571.1	.	578.8
Jordan	260	255	34.8	21.0	44.2	0.0	0.0	2.1	390.2	392.9	377.2	.	.	411.5
Kazakhstan	239	236	29.1	24.4	46.5	0.4	0.0	0.6	535.1	531.1	521.8	518.8	.	514.2
Korea, Rep. of	317	316	19.8	13.6	66.6	0.0	0.0	0.6	603.7	599.5	607.4	.	.	628.2
Kuwait	191	187	29.2	25.9	44.9	1.4	0.0	1.1	389.1	404.9	388.6	401.3	.	335.5
Lebanon	185	167	10.5	25.3	64.2	2.8	0.0	4.9	461.8	433.1	442.7	460.6	.	434.8
Lithuania	269	255	27.1	13.2	59.8	4.8	0.0	1.1	518.5	514.3	506.5	524.4	.	499.5
Malaysia	326	302	3.3	42.9	53.8	6.2	0.0	0.7	423.9	463.8	471.1	455.7	.	409.1
Malta	224	206	16.9	31.4	51.7	6.4	0.0	1.4	525.7	491.4	486.4	480.0	.	484.3
Morocco	373	358	2.3	26.2	71.5	2.3	0.0	1.6	362.6	386.4	384.0	384.9	.	400.0
New Zealand	489	457	5.9	63.4	30.7	3.8	0.0	1.3	503.4	493.0	493.5	471.8	.	476.4
Norway	239	208	34.6	28.3	37.1	9.6	0.0	1.2	518.9	504.1	514.4	498.8	.	502.2
Oman	356	348	20.7	39.1	40.2	0.0	0.0	2.0	414.7	397.1	402.6	.	.	411.2
Qatar	250	240	26.6	37.6	35.9	0.5	0.0	2.5	421.5	449.8	435.8	547.9	.	408.7
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	144	26.2	51.1	22.7	0.6	0.0	2.9	365.7	371.0	358.5	448.5	.	383.0
Singapore	334	327	13.7	60.6	25.7	1.7	0.0	0.9	659.6	622.9	591.3	681.7	.	631.4
Slovenia	467	429	20.9	8.7	70.3	5.6	0.0	1.3	521.2	510.7	515.8	511.8	.	525.7
South Africa	334	313	23.5	25.2	51.3	1.1	0.0	5.8	374.1	367.0	372.8	415.4	.	375.4
Sweden	206	193	31.3	11.3	57.4	1.8	0.0	5.0	506.4	508.2	495.2	510.0	.	507.6
Thailand	205	203	14.7	16.7	68.6	0.0	0.0	1.0	406.4	418.8	440.0	.	.	420.6
Turkey	220	220	62.2	36.5	1.3	0.0	0.0	0.0	455.7	459.8	490.7	.	.	.
United Arab Emirates	746	644	21.0	49.3	29.7	9.4	0.0	2.4	473.0	469.3	456.6	447.4	.	476.1
United States	429	364	38.3	43.0	18.7	13.6	0.0	1.4	521.6	515.9	519.3	516.7	.	506.5
International Avg. (38)	12055	10878	21.7	33.8	44.5	3.9	0.0	1.8	483.2	479.0	478.3	490.5	.	478.4
Buenos Aires, Argentina	138	60	4.0	12.4	83.7	57.3	0.0	0.3	417.3	393.6	387.8	400.5	.	471.1
Ontario, Canada	217	180	32.3	56.5	11.2	13.7	0.0	3.2	530.6	520.8	518.1	510.9	.	535.3
Quebec, Canada	175	157	10.3	14.0	75.7	8.0	0.0	0.2	556.1	535.7	551.2	475.4	.	467.5
Norway (8)	239	208	4.0	39.4	56.7	9.3	0.0	1.2	498.0	488.7	485.8	481.9	.	476.8
Abu Dhabi, UAE	207	169	21.2	41.8	36.9	13.4	0.0	3.0	454.9	437.4	432.1	439.9	.	519.9
Dubai, UAE	267	244	22.7	54.6	22.6	5.0	0.0	1.0	511.5	523.6	495.5	465.6	.	495.7
Florida, US	110	75	45.8	40.2	14.0	25.8	0.0	2.3	506.6	511.3	485.7	468.9	.	392.1

Question: When students in this class have been taught each of the following mathematics topics. Data and Chance: Judging, predicting, and determining the chances of possible outcomes
Location: TQM-21Dc (BTBM21DC)

Country	Sample	Valid N	1.Mostly taught before this year %	2.Mostly taught this year %	3.Not yet or just introduced %	Not Administered %	Not Applicable %	Omitted %	1.Mostly taught before this year Mean	2.Mostly taught this year Mean	3.Not yet or just introduced Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	740	8.1	59.9	32.0	10.6	0.0	3.1	512.5	511.3	504.7	473.9	.	492.2
Bahrain	201	196	40.2	36.7	23.1	1.1	0.0	1.4	445.3	455.5	467.0	450.8	.	448.9
Botswana	169	153	22.4	36.7	40.9	5.5	0.0	1.5	385.5	394.5	391.8	383.2	.	385.7
Canada	409	356	26.0	45.7	28.3	10.9	0.0	1.9	528.9	530.4	530.9	502.5	.	535.3
Chile	173	148	14.0	59.1	26.9	9.4	0.0	3.6	412.3	434.8	429.4	406.3	.	415.4
Chinese Taipei	216	215	0.0	1.4	98.6	0.0	0.0	0.1	730.1	607.8	598.8	.	.	706.9
Egypt	215	208	27.5	38.8	33.7	0.8	0.0	1.9	406.2	384.5	387.2	431.7	.	418.2
England	215	181	26.6	41.5	31.9	13.9	0.0	0.8	535.1	514.5	504.4	524.9	.	567.0
Georgia	188	186	3.4	24.8	71.8	0.0	0.0	1.3	456.2	461.1	451.1	.	.	414.4
Hong Kong SAR	175	173	4.6	5.0	90.4	1.8	0.0	0.0	632.9	593.2	591.9	615.8	.	.
Hungary	278	267	14.7	53.5	31.7	3.4	0.0	0.6	512.6	510.8	520.2	518.2	.	552.7
Iran, Islamic Rep. of	251	249	8.5	64.6	26.9	0.0	0.0	1.2	415.2	446.6	420.1	.	.	402.4
Ireland	526	479	30.4	45.2	24.4	7.1	0.0	0.9	526.8	516.1	531.3	535.6	.	469.4
Israel	603	518	9.1	42.0	48.8	6.9	0.0	4.4	480.3	525.1	505.4	513.3	.	496.7
Italy	230	214	7.3	42.3	50.4	4.6	0.0	0.9	513.2	489.6	494.3	512.6	.	477.3
Japan	231	228	8.8	67.5	23.7	0.3	0.0	0.7	591.9	584.2	591.5	571.1	.	568.8
Jordan	260	254	46.0	18.0	36.0	0.0	0.0	2.2	390.4	391.7	374.7	.	.	410.4
Kazakhstan	239	237	19.2	32.2	48.6	0.4	0.0	0.3	533.9	532.0	523.0	518.8	.	467.1
Korea, Rep. of	317	316	14.0	28.1	57.9	0.0	0.0	0.6	605.8	605.4	605.7	.	.	628.2
Kuwait	191	186	28.1	27.8	44.1	1.4	0.0	1.7	398.3	390.6	391.8	401.3	.	338.1
Lebanon	185	165	10.3	18.4	71.3	2.8	0.0	6.2	461.9	430.2	443.5	460.6	.	426.5
Lithuania	269	255	12.3	12.0	75.7	4.8	0.0	1.1	515.1	499.7	511.8	524.4	.	499.5
Malaysia	326	302	2.8	23.3	73.9	6.2	0.0	0.7	438.2	456.1	470.7	455.7	.	409.1
Malta	224	207	27.9	27.2	44.9	6.4	0.0	0.8	522.9	470.3	492.0	480.0	.	467.9
Morocco	373	354	1.4	12.7	85.9	2.3	0.0	2.4	377.6	378.5	384.6	384.9	.	411.3
New Zealand	489	457	5.1	63.7	31.2	3.8	0.0	1.3	520.3	496.9	483.4	471.8	.	468.2
Norway	239	208	7.8	36.4	55.8	9.6	0.0	1.2	520.4	510.7	513.5	498.8	.	502.2
Oman	356	349	15.0	53.4	31.5	0.0	0.0	2.0	405.3	405.1	398.2	.	.	412.5
Qatar	250	244	27.2	33.3	39.4	0.5	0.0	0.8	434.6	451.8	425.9	547.9	.	391.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	30.7	53.0	16.4	0.6	0.0	2.1	369.3	370.9	350.2	448.5	.	377.7
Singapore	334	327	4.3	61.1	34.6	1.7	0.0	0.9	658.7	614.4	624.6	681.7	.	631.4
Slovenia	467	429	3.0	4.6	92.4	5.6	0.0	1.3	526.6	521.6	515.9	511.8	.	525.7
South Africa	334	313	20.8	21.2	58.0	1.1	0.0	5.8	375.6	370.2	372.0	415.4	.	364.3
Sweden	206	196	6.4	21.0	72.5	1.8	0.0	2.0	511.8	508.3	497.2	510.0	.	502.8
Thailand	205	203	12.8	35.7	51.4	0.0	0.0	1.0	421.6	430.8	434.6	.	.	420.6
Turkey	220	220	24.2	74.6	1.2	0.0	0.0	0.0	449.3	459.8	492.3	.	.	.
United Arab Emirates	746	647	19.5	52.4	28.1	9.4	0.0	1.3	465.7	471.3	457.8	447.4	.	480.0
United States	429	364	51.4	23.9	24.7	13.6	0.0	1.4	520.0	514.8	520.1	516.7	.	506.5
International Avg. (38)	12055	10889	16.9	36.8	46.3	3.9	0.0	1.6	487.1	480.0	479.0	490.5	.	472.0
Buenos Aires, Argentina	138	60	4.0	9.6	86.5	57.3	0.0	0.3	417.3	417.7	385.4	400.5	.	471.1
Ontario, Canada	217	180	35.3	36.6	28.1	13.7	0.0	3.2	530.3	516.0	525.4	510.9	.	535.3
Quebec, Canada	175	159	7.6	67.0	25.4	8.0	0.0	0.0	563.4	545.8	554.3	475.4	.	.
Norway (8)	239	208	4.7	6.3	89.0	9.3	0.0	1.2	469.2	485.1	488.5	481.9	.	476.8
Abu Dhabi, UAE	207	171	16.2	47.7	36.1	13.4	0.0	1.3	448.3	447.9	426.5	439.9	.	551.0
Dubai, UAE	267	244	19.1	57.6	23.3	5.0	0.0	1.0	508.0	517.7	511.8	465.6	.	495.7
Florida, US	110	75	51.2	27.1	21.7	25.8	0.0	2.3	501.1	502.9	516.2	468.9	.	413.0

Question: How often do you usually assign mathematics homework to the students in this class?
Location: TQM-22A (BTBM22A)

Country	Sample	Valid N	1.No mathematics homework %	2.Less than once a week %	3.1 or 2 times a week %	4.3 or 4 times a week %	5.Every day %	Not Administered %	Not Applicable %	Omitted %
Australia	941	744	3.4	14.7	50.1	23.2	8.5	10.6	0.0	3.1
Bahrain	201	197	3.4	5.4	24.0	45.6	21.6	1.1	0.0	1.3
Botswana	169	149	0.6	0.9	11.9	34.3	52.3	5.5	0.0	3.6
Canada	409	353	5.3	5.0	28.3	42.5	18.8	10.7	0.0	3.5
Chile	173	147	20.0	26.6	39.2	8.5	5.7	9.4	0.0	3.4
Chinese Taipei	216	216	0.5	2.0	31.8	28.8	36.8	0.0	0.0	0.0
Egypt	215	211	3.8	12.4	37.7	31.6	14.4	0.8	0.0	1.6
England	215	182	2.2	16.9	79.7	1.2	0.0	13.9	0.0	0.0
Georgia	188	186	0.0	0.0	0.0	12.1	87.9	0.0	0.0	1.4
Hong Kong SAR	175	171	0.0	4.4	43.9	23.9	27.8	1.8	0.0	1.6
Hungary	278	268	1.2	0.9	8.0	51.8	38.2	3.4	0.0	0.4
Iran, Islamic Rep. of	251	250	4.2	5.9	74.4	11.9	3.5	0.0	0.0	0.3
Ireland	526	485	0.2	0.3	1.9	17.7	80.0	7.1	0.0	0.0
Israel	603	527	1.5	1.3	18.9	42.8	35.6	6.9	0.0	3.0
Italy	230	216	1.3	0.3	22.2	50.9	25.3	4.6	0.0	0.0
Japan	231	230	10.3	25.2	34.0	19.0	11.5	0.3	0.0	0.0
Jordan	260	259	0.2	2.3	21.0	35.6	40.9	0.0	0.0	0.1
Kazakhstan	239	237	0.6	1.8	1.2	16.1	80.2	0.4	0.0	0.6
Korea, Rep. of	317	317	8.8	41.4	40.1	4.8	4.9	0.0	0.0	0.0
Kuwait	191	182	7.0	12.7	32.4	31.5	16.4	1.4	0.0	3.1
Lebanon	185	176	0.8	1.7	14.7	36.6	46.2	2.8	0.0	2.0
Lithuania	269	257	0.0	0.0	6.0	61.5	32.5	4.8	0.0	0.1
Malaysia	326	304	0.7	1.5	39.3	39.5	19.0	6.2	0.0	0.0
Malta	224	207	1.7	1.1	4.5	29.9	62.8	6.4	0.0	0.8
Morocco	373	356	0.8	8.4	27.6	32.3	30.9	2.3	0.0	1.6
New Zealand	489	460	3.4	20.3	45.1	23.2	8.0	3.8	0.0	0.9
Norway	239	208	3.1	2.4	69.6	19.8	5.0	9.6	0.0	1.5
Oman	356	356	0.9	2.4	19.1	45.3	32.3	0.0	0.0	0.0
Qatar	250	243	3.7	2.4	39.0	34.1	20.8	0.5	0.0	1.5
Russian Federation	226	226	0.0	0.2	2.2	15.1	82.4	0.0	0.0	0.0
Saudi Arabia	149	146	1.3	4.5	24.8	29.2	40.2	0.6	0.0	1.3
Singapore	334	330	0.6	1.7	45.8	43.8	8.1	1.7	0.0	0.0
Slovenia	467	428	0.0	0.0	5.1	60.5	34.4	5.6	0.0	1.5
South Africa	334	320	1.3	0.6	9.3	34.3	54.6	1.1	0.0	2.9
Sweden	206	200	33.6	42.2	23.5	0.8	0.0	1.8	0.0	0.5
Thailand	205	201	1.2	4.3	56.7	25.5	12.3	1.0	0.0	0.6
Turkey	220	220	4.5	12.5	72.3	7.4	3.3	0.0	0.0	0.0
United Arab Emirates	746	646	2.2	1.8	28.0	37.1	31.0	9.4	0.0	1.4
United States	429	367	2.1	4.6	18.7	44.5	30.0	13.6	0.0	0.7
International Avg. (39)	12055	11178	3.5	7.5	29.5	29.6	29.8	3.8	0.0	1.1
Buenos Aires, Argentina	138	60	4.8	5.2	38.8	30.9	20.3	57.3	0.0	0.3
Ontario, Canada	217	178	7.3	6.2	27.3	41.5	17.7	13.5	0.0	4.7
Quebec, Canada	175	159	3.1	0.5	21.1	51.5	23.7	8.0	0.0	0.0
Norway (8)	239	209	0.8	3.4	65.5	24.3	5.9	9.3	0.0	0.8
Abu Dhabi, UAE	207	170	4.4	2.3	34.0	42.5	16.8	13.4	0.0	0.9
Dubai, UAE	267	242	1.9	2.2	25.1	26.4	44.4	5.0	0.0	1.6
Florida, US	110	77	4.0	1.8	11.4	65.4	17.3	25.8	0.0	0.9

Question: How often do you usually assign mathematics homework to the students in this class?
Location: TQM-22A (BTBM22A)

Country	Sample	Valid N	1.No mathematics homework 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.Every day Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	744	444.7	489.3	505.1	527.2	543.5	473.9	.	495.3
Bahrain	201	197	458.7	445.6	464.5	450.4	453.4	450.8	.	417.4
Botswana	169	149	346.2	391.5	390.2	389.4	392.8	383.2	.	397.2
Canada	409	353	514.2	505.7	522.8	534.2	543.4	501.9	.	532.8
Chile	173	147	426.7	426.4	429.9	432.5	451.4	406.3	.	425.1
Chinese Taipei	216	216	527.7	604.5	577.4	595.3	621.6	.	.	.
Egypt	215	211	417.7	377.2	393.9	397.1	384.7	431.7	.	362.2
England	215	182	435.4	479.7	526.2	594.6	.	524.9	.	.
Georgia	188	186	.	.	.	449.4	453.6	.	.	463.6
Hong Kong SAR	175	171	.	623.6	594.6	585.1	595.1	615.8	.	600.6
Hungary	278	268	393.5	427.5	507.5	510.0	527.2	518.2	.	518.0
Iran, Islamic Rep. of	251	250	409.9	445.0	429.9	486.3	423.0	.	.	428.4
Ireland	526	485	528.0	400.4	480.6	497.1	529.6	535.6	.	.
Israel	603	527	442.6	423.8	500.7	509.8	527.5	513.3	.	464.3
Italy	230	216	493.5	533.0	493.8	497.8	484.3	512.6	.	.
Japan	231	230	574.0	585.2	586.8	593.0	589.0	571.1	.	.
Jordan	260	259	362.0	410.4	384.4	379.7	390.1	.	.	359.7
Kazakhstan	239	237	451.4	505.5	580.5	525.5	528.4	518.8	.	560.2
Korea, Rep. of	317	317	612.3	605.5	605.1	608.3	598.3	.	.	.
Kuwait	191	182	375.3	382.6	377.2	410.1	406.7	401.3	.	373.3
Lebanon	185	176	476.6	422.2	467.8	445.0	432.0	460.6	.	427.9
Lithuania	269	257	.	.	475.5	513.8	511.1	524.4	.	521.3
Malaysia	326	304	549.1	483.3	448.8	479.5	468.8	455.7	.	565.4
Malta	224	207	343.4	356.2	370.9	489.4	512.6	480.0	.	467.9
Morocco	373	356	344.7	385.8	388.5	380.8	385.3	384.9	.	382.8
New Zealand	489	460	440.7	472.2	491.3	513.4	521.4	471.8	.	522.8
Norway	239	208	519.1	500.0	512.0	518.9	504.9	498.8	.	509.8
Oman	356	356	435.3	373.3	389.1	402.7	413.4	.	.	.
Qatar	250	243	516.0	419.0	436.3	434.4	431.1	547.9	.	398.0
Russian Federation	226	226	.	634.3	534.6	528.6	539.6	.	.	.
Saudi Arabia	149	146	359.2	380.2	363.7	368.6	367.2	448.5	.	370.6
Singapore	334	330	466.6	567.3	627.1	618.2	610.4	681.7	.	.
Slovenia	467	428	.	.	502.0	516.1	519.4	511.8	.	523.6
South Africa	334	320	365.3	338.4	343.6	376.0	375.8	415.4	.	350.1
Sweden	206	200	498.0	498.5	505.9	567.2	.	510.0	.	492.6
Thailand	205	201	395.2	429.5	423.4	453.7	427.8	375.9	.	491.0
Turkey	220	220	414.9	452.5	464.3	433.6	444.2	.	.	.
United Arab Emirates	746	646	536.6	448.1	460.5	456.4	480.3	447.4	.	468.3
United States	429	367	492.9	480.4	505.2	512.2	542.7	516.7	.	561.5
International Avg. (39)	12055	11178	452.0	464.0	475.3	486.7	484.6	486.8	.	463.8
Buenos Aires, Argentina	138	60	334.0	378.4	398.9	380.2	402.6	400.5	.	471.1
Ontario, Canada	217	178	507.1	511.8	517.9	526.5	533.4	510.3	.	543.9
Quebec, Canada	175	159	542.1	516.1	549.0	547.1	556.0	475.4	.	.
Norway (8)	239	209	545.2	470.3	487.8	486.9	487.1	481.9	.	472.5
Abu Dhabi, UAE	207	170	515.9	420.0	435.0	434.0	461.1	439.9	.	422.0
Dubai, UAE	267	242	587.7	512.6	519.0	499.2	517.2	465.6	.	521.1
Florida, US	110	77	449.0	571.3	477.8	508.1	511.0	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When you assign mathematics homework to the students in this class, about how many minutes do you usually assign?
Location: TQM-22B (BTBM22B)

Country	Sample	Valid N	1.15 minutes or less %	2.16-30 minutes %	3.31-60 minutes %	4.61-90 minutes %	5.More than 90 minutes %	Not Administered %	Not Applicable %	Omitted %
Australia	941	745	12.2	66.6	16.6	1.1	0.0	10.6	3.4	3.1
Bahrain	201	197	45.2	45.0	6.3	0.2	0.0	1.1	3.4	1.1
Botswana	169	153	25.4	38.2	21.1	5.4	9.3	5.5	0.6	1.9
Canada	409	351	12.9	63.8	17.6	0.4	0.0	11.1	5.3	3.3
Chile	173	146	25.7	39.1	14.9	0.0	0.0	9.4	20.3	4.7
Chinese Taipei	216	215	7.5	51.1	37.9	2.6	0.3	0.0	0.5	0.3
Egypt	215	210	26.7	45.8	20.7	2.3	0.6	0.8	3.8	2.2
England	215	182	3.7	54.5	37.3	1.9	0.4	13.9	2.2	0.0
Georgia	188	184	17.3	24.8	49.9	6.8	1.2	0.0	0.0	3.0
Hong Kong SAR	175	168	6.0	59.1	33.1	1.7	0.0	1.8	0.0	3.4
Hungary	278	266	29.1	65.0	4.5	0.1	0.0	3.4	1.2	1.6
Iran, Islamic Rep. of	251	248	4.7	29.2	47.9	13.3	0.6	0.0	4.3	1.3
Ireland	526	479	29.2	67.8	2.8	0.0	0.0	7.1	0.2	0.7
Israel	603	527	11.3	46.4	37.6	3.0	0.1	6.9	1.5	2.9
Italy	230	214	0.2	22.8	63.8	11.0	0.9	4.6	1.3	1.2
Japan	231	228	25.6	43.3	18.6	0.7	1.6	0.3	10.3	0.5
Jordan	260	256	27.6	48.8	20.3	2.8	0.4	0.0	0.2	1.2
Kazakhstan	239	236	17.6	37.2	34.9	7.2	2.5	0.4	0.6	0.6
Korea, Rep. of	317	317	15.4	53.5	20.7	1.5	0.1	0.0	8.8	0.0
Kuwait	191	180	54.9	32.7	3.0	1.4	1.0	1.4	7.0	3.2
Lebanon	185	168	13.5	46.9	36.8	2.0	0.0	2.8	0.8	6.3
Lithuania	269	257	15.6	76.4	7.8	0.1	0.1	4.8	0.0	0.1
Malaysia	326	302	7.4	56.2	26.9	3.3	5.6	6.2	0.7	0.1
Malta	224	207	21.3	60.5	16.5	0.0	0.0	6.4	1.7	0.8
Morocco	373	353	20.9	47.2	27.9	2.1	1.1	2.3	0.8	2.3
New Zealand	489	456	18.9	61.9	15.3	0.5	0.0	3.8	3.5	3.4
Norway	239	209	5.9	50.0	36.6	3.7	0.7	9.6	3.1	1.1
Oman	356	352	48.9	44.6	4.2	0.6	0.8	0.0	0.9	1.4
Qatar	250	240	27.0	53.4	15.2	0.6	0.0	0.5	3.8	2.0
Russian Federation	226	224	2.0	48.4	46.5	3.1	0.0	0.0	0.0	0.9
Saudi Arabia	149	147	58.1	31.9	7.6	1.0	0.0	0.6	1.3	0.8
Singapore	334	330	3.1	41.2	50.7	4.0	0.5	1.7	0.6	0.0
Slovenia	467	428	10.2	78.6	11.0	0.2	0.0	5.6	0.0	1.6
South Africa	334	318	24.6	44.6	21.7	4.7	3.1	1.1	1.3	2.4
Sweden	206	200	8.6	36.2	19.7	1.7	0.3	1.8	33.5	0.3
Thailand	205	199	7.6	38.1	45.0	6.8	1.3	0.0	1.2	2.9
Turkey	220	217	2.0	33.8	48.9	9.1	1.5	0.0	4.6	1.4
United Arab Emirates	746	646	26.2	57.9	11.8	1.5	0.4	9.4	2.2	1.9
United States	429	367	25.9	60.1	11.9	0.0	0.0	13.6	2.1	0.7
International Avg. (39)	12055	11122	19.1	48.8	24.9	2.8	0.9	3.8	3.5	1.7
Buenos Aires, Argentina	138	60	12.9	47.0	30.9	4.4	0.0	57.3	4.8	0.3
Ontario, Canada	217	179	15.7	63.4	13.0	0.7	0.0	13.5	7.2	3.9
Quebec, Canada	175	156	6.6	60.9	29.3	0.0	0.0	9.2	3.2	1.1
Norway (8)	239	208	8.5	53.1	30.8	6.3	0.4	9.3	0.8	1.2
Abu Dhabi, UAE	207	170	22.6	59.0	11.5	1.4	1.1	13.4	4.4	1.1
Dubai, UAE	267	241	16.8	65.9	12.8	2.6	0.0	5.0	1.9	1.8
Florida, US	110	77	22.8	50.0	21.3	1.9	0.0	25.8	4.0	0.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: When you assign mathematics homework to the students in this class, about how many minutes do you usually assign?
Location: TQM-22B (BTBM22B)

Country	Sample	Valid N	1.15 minutes or less Mean	2.16-30 minutes Mean	3.31-60 minutes Mean	4.61-90 minutes Mean	5.More than 90 minutes Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	745	487.6	515.9	507.8	553.0	.	473.9	444.7	495.8
Bahrain	201	197	443.4	464.3	457.2	447.4	.	450.8	458.7	436.9
Botswana	169	153	388.4	390.6	400.7	399.6	377.9	383.2	346.2	394.8
Canada	409	351	522.8	530.5	543.4	491.3	.	501.7	514.2	523.7
Chile	173	146	436.3	430.2	422.6	.	.	406.3	426.7	423.7
Chinese Taipei	216	215	580.4	596.0	605.5	634.8	602.9	.	527.7	605.9
Egypt	215	210	378.6	393.6	397.1	391.6	418.7	431.7	417.7	416.7
England	215	182	492.5	516.4	527.1	500.5	459.9	524.9	435.4	.
Georgia	188	184	444.3	442.2	461.5	449.3	496.2	.	.	449.5
Hong Kong SAR	175	168	571.0	583.5	617.6	617.3	.	615.8	.	572.1
Hungary	278	266	495.5	522.6	575.0	582.9	.	518.2	393.5	439.5
Iran, Islamic Rep. of	251	248	411.6	442.1	433.9	448.3	473.5	.	409.9	431.1
Ireland	526	479	507.5	528.1	544.9	.	.	535.6	528.0	521.8
Israel	603	527	457.5	495.4	548.4	557.2	474.4	513.3	442.6	469.0
Italy	230	214	473.2	505.2	492.0	484.8	482.3	512.6	493.5	447.8
Japan	231	228	580.2	588.5	597.1	573.0	615.6	571.1	574.0	521.5
Jordan	260	256	380.7	392.1	374.5	390.9	360.3	.	362.0	418.8
Kazakhstan	239	236	524.5	528.4	534.2	547.1	446.3	518.8	451.4	400.9
Korea, Rep. of	317	317	593.7	608.3	601.3	661.4	623.3	.	612.3	.
Kuwait	191	180	380.9	404.2	449.5	540.4	407.2	401.3	375.3	381.3
Lebanon	185	168	435.8	451.6	436.5	417.2	.	460.6	476.6	420.0
Lithuania	269	257	512.0	508.7	526.7	498.8	495.7	524.4	.	521.3
Malaysia	326	302	459.6	458.6	475.2	501.0	470.8	455.7	549.1	589.7
Malta	224	207	451.9	509.0	513.3	.	.	480.0	343.4	467.9
Morocco	373	353	380.2	388.1	380.6	415.0	379.2	384.9	344.7	379.4
New Zealand	489	456	471.6	501.6	502.8	530.8	.	471.8	440.7	477.4
Norway	239	209	502.9	513.4	515.1	500.3	509.6	498.8	519.1	499.1
Oman	356	352	401.4	402.4	436.1	376.4	398.5	.	435.3	383.2
Qatar	250	240	400.4	433.5	490.7	454.1	.	547.9	516.0	439.7
Russian Federation	226	224	510.6	543.4	531.3	572.7	.	.	.	533.5
Saudi Arabia	149	147	363.2	370.0	395.2	306.8	.	448.5	359.2	377.4
Singapore	334	330	643.3	605.9	628.8	645.4	710.0	681.7	466.6	.
Slovenia	467	428	514.4	516.2	521.1	497.1	.	511.8	.	523.6
South Africa	334	318	358.3	378.2	381.3	365.7	337.2	415.4	365.3	367.7
Sweden	206	200	499.4	502.3	501.8	500.6	491.8	510.0	498.0	534.0
Thailand	205	199	392.5	423.6	442.0	451.7	426.1	.	395.2	441.9
Turkey	220	217	441.7	452.1	463.7	468.3	457.2	.	414.9	473.5
United Arab Emirates	746	646	437.3	472.2	495.1	487.1	394.0	447.4	536.6	445.4
United States	429	367	506.6	519.7	540.3	.	.	516.7	492.9	561.5
International Avg. (39)	12055	11122	467.5	482.8	494.1	493.1	471.2	490.5	452.0	466.3
Buenos Aires, Argentina	138	60	397.2	401.3	381.2	364.1	.	400.5	334.0	471.1
Ontario, Canada	217	179	526.4	523.3	533.5	491.3	.	510.3	507.1	533.8
Quebec, Canada	175	156	532.2	551.6	552.4	.	.	477.7	542.1	531.0
Norway (8)	239	208	496.4	485.8	484.6	495.7	484.1	481.9	545.2	470.8
Abu Dhabi, UAE	207	170	411.0	442.5	474.5	436.7	390.6	439.9	515.9	465.5
Dubai, UAE	267	241	476.6	520.6	527.2	547.9	.	465.6	587.7	421.6
Florida, US	110	77	470.4	515.8	513.2	605.0	.	468.9	449.0	337.8

Question: How often do you do the following with the mathematics homework assignments for this class? Correct assignments and give feedback to students
Location: TQM-22Ca (BTBM22CA)

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	941	742	39.9	45.3	11.5	10.6	3.4	3.1	504.4	512.7	530.4	473.9	444.7	495.7
Bahrain	201	197	79.7	15.5	1.5	1.1	3.4	0.7	452.4	456.6	497.8	450.8	458.7	460.5
Botswana	169	153	88.4	10.2	0.7	5.5	0.6	2.1	391.0	393.6	400.4	383.2	346.2	401.8
Canada	409	347	56.1	28.7	9.8	10.7	5.4	4.5	529.7	532.0	539.8	501.9	514.2	526.7
Chile	173	148	63.0	16.0	1.0	9.4	20.0	3.3	434.2	419.1	399.7	406.3	426.7	421.4
Chinese Taipei	216	213	62.5	35.4	1.6	0.0	0.5	1.0	602.9	594.1	574.5	.	527.7	614.2
Egypt	215	208	63.7	32.4	0.0	0.8	3.8	2.9	394.1	382.1	.	431.7	417.7	418.8
England	215	182	55.8	38.9	3.1	13.9	2.2	0.0	509.4	534.6	496.7	524.9	435.4	.
Georgia	188	184	62.0	37.3	0.8	0.0	0.0	2.2	453.0	454.9	387.3	.	.	452.6
Hong Kong SAR	175	167	63.7	34.9	1.4	1.8	0.0	3.7	596.3	591.4	641.8	615.8	.	559.1
Hungary	278	266	21.6	62.3	14.9	3.4	1.2	1.8	520.6	506.7	552.0	518.2	393.5	471.3
Iran, Islamic Rep. of	251	249	47.4	45.9	2.4	0.0	4.3	0.9	441.6	433.4	436.4	.	409.9	432.1
Ireland	526	476	43.2	49.8	6.8	7.1	0.2	1.4	517.3	525.0	538.1	535.6	528.0	520.3
Israel	603	527	51.2	40.5	6.8	6.9	1.5	2.9	512.3	508.7	546.1	513.3	442.6	467.9
Italy	230	214	72.5	22.6	3.5	4.6	1.3	1.4	492.1	501.5	486.6	512.6	493.5	461.0
Japan	231	228	38.5	44.8	6.5	0.3	10.3	0.5	590.7	587.8	577.3	571.1	574.0	521.5
Jordan	260	257	67.8	31.1	0.9	0.0	0.2	1.8	384.8	387.4	355.0	.	362.0	400.5
Kazakhstan	239	236	79.6	18.4	1.4	0.4	0.6	0.7	532.6	512.0	536.9	518.8	451.4	463.0
Korea, Rep. of	317	317	48.8	41.2	1.2	0.0	8.8	0.0	607.5	604.4	534.0	.	612.3	.
Kuwait	191	181	71.1	21.9	0.0	1.4	7.0	2.8	389.1	409.3	.	401.3	375.3	384.4
Lebanon	185	166	72.1	23.2	3.8	2.8	0.8	8.1	439.4	457.1	440.3	460.6	476.6	420.2
Lithuania	269	254	18.6	68.3	13.1	4.8	0.0	1.7	483.4	514.6	530.2	524.4	.	499.7
Malaysia	326	302	78.9	20.4	0.0	6.2	0.7	0.2	463.1	474.3	.	455.7	549.1	456.4
Malta	224	207	39.4	57.2	1.8	6.4	1.7	0.8	503.7	494.3	452.9	480.0	343.4	467.9
Morocco	373	347	72.5	26.1	0.6	2.3	0.9	4.8	383.6	386.8	365.2	384.9	344.7	391.5
New Zealand	489	454	29.9	52.0	14.6	3.8	3.5	3.9	485.3	496.2	517.7	471.8	440.7	480.2
Norway	239	209	13.1	52.8	31.0	9.6	3.1	1.1	500.6	513.7	516.6	498.8	519.1	499.1
Oman	356	351	89.5	9.6	0.0	0.0	0.9	1.2	402.5	408.1	.	.	435.3	389.2
Qatar	250	238	78.3	16.3	1.6	0.5	3.8	2.5	428.6	442.3	548.4	547.9	516.0	454.7
Russian Federation	226	223	53.4	44.4	2.2	0.0	0.0	1.3	537.5	535.8	546.9	.	.	616.9
Saudi Arabia	149	145	79.9	17.2	1.5	0.6	1.3	2.0	369.4	358.1	355.1	448.5	359.2	375.3
Singapore	334	330	80.2	18.3	0.9	1.7	0.6	0.0	627.7	589.8	636.2	681.7	466.6	.
Slovenia	467	429	1.8	58.7	39.5	5.6	0.0	1.4	511.5	513.9	520.5	511.8	.	524.4
South Africa	334	320	82.8	14.2	1.7	1.1	1.3	2.0	369.7	369.7	480.6	415.4	365.3	387.7
Sweden	206	198	23.4	31.2	11.5	1.8	33.9	1.3	500.8	500.8	507.1	510.0	498.0	497.6
Thailand	205	199	70.1	28.7	0.0	0.0	1.2	3.5	431.1	434.9	.	.	395.2	422.6
Turkey	220	217	55.5	39.1	0.9	0.0	4.6	1.4	461.6	456.3	462.5	.	414.9	473.5
United Arab Emirates	746	641	74.7	22.3	0.8	9.4	2.2	2.9	460.5	477.2	492.4	447.4	536.6	479.3
United States	429	366	44.8	37.2	15.9	13.6	2.1	1.0	515.8	513.4	541.7	516.7	492.9	518.4
International Avg. (39)	12055	11088	57.3	33.6	5.6	3.8	3.5	2.0	480.3	481.7	498.4	490.5	452.0	467.4
Buenos Aires, Argentina	138	60	89.2	6.0	0.0	57.3	4.8	0.3	393.1	384.3	.	400.5	334.0	471.1
Ontario, Canada	217	176	44.7	38.1	9.8	13.5	7.4	5.4	522.1	527.0	527.7	510.3	507.1	535.2
Quebec, Canada	175	155	75.3	12.9	8.6	8.0	3.2	2.1	543.8	571.6	572.7	475.4	542.1	526.5
Norway (8)	239	208	14.7	51.5	33.0	9.3	0.8	1.0	474.7	489.8	487.8	481.9	545.2	474.8
Abu Dhabi, UAE	207	169	64.6	29.7	1.4	13.4	4.4	1.2	427.5	461.6	482.2	439.9	515.9	419.7
Dubai, UAE	267	242	75.5	21.7	0.9	5.0	1.9	1.4	513.4	517.4	511.6	465.6	587.7	425.1
Florida, US	110	77	38.3	41.4	16.3	25.8	4.0	0.9	481.9	521.6	524.1	468.9	449.0	337.8

Question: How often do you do the following with the mathematics homework assignments for this class? Have students correct their own homework
Location: TQM-22Cb (BTBM22CB)

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	941	743	45.0	41.6	10.1	10.6	3.4	3.4	528.0	498.2	490.6	473.9	444.7	499.3
Bahrain	201	197	13.6	59.8	23.2	1.1	3.4	1.5	460.1	459.3	437.4	450.8	458.7	432.0
Botswana	169	152	37.1	50.3	11.9	5.5	0.6	2.0	396.1	390.1	381.9	383.2	346.2	399.4
Canada	409	348	50.4	36.1	8.2	10.7	5.3	4.3	537.9	524.8	523.0	501.9	514.2	523.8
Chile	173	147	44.2	31.2	4.6	9.4	20.0	3.5	427.9	432.8	437.4	406.3	426.7	429.6
Chinese Taipei	216	213	67.7	28.9	3.0	0.0	0.5	1.0	601.1	599.8	555.0	.	527.7	614.2
Egypt	215	207	2.9	18.2	75.0	0.8	3.9	3.3	435.2	379.8	390.7	431.7	417.7	418.1
England	215	182	32.3	49.1	16.4	13.9	2.2	0.0	533.6	522.5	479.9	524.9	435.4	.
Georgia	188	182	19.8	68.4	11.7	0.0	0.0	4.2	446.7	451.6	476.7	.	.	445.3
Hong Kong SAR	175	166	19.4	41.1	39.5	1.8	0.0	4.4	621.5	591.4	587.8	615.8	.	551.9
Hungary	278	265	63.4	24.0	11.4	3.4	1.2	2.1	520.8	500.6	527.6	518.2	393.5	473.7
Iran, Islamic Rep. of	251	249	20.4	51.6	23.8	0.0	4.3	0.9	440.3	432.9	445.3	.	409.9	432.1
Ireland	526	473	43.4	45.8	10.6	7.1	0.2	1.4	526.0	520.5	516.2	535.6	528.0	531.2
Israel	603	525	16.9	59.2	22.4	6.9	1.5	3.7	504.0	513.4	519.6	513.3	442.6	475.8
Italy	230	212	41.4	42.1	15.1	4.6	1.3	2.4	488.5	496.7	498.4	512.6	493.5	494.3
Japan	231	227	62.4	22.2	5.0	0.3	10.4	1.1	589.8	580.4	614.1	571.1	574.0	518.7
Jordan	260	257	12.0	50.0	37.9	0.0	0.2	2.1	390.8	384.5	385.8	.	362.0	379.3
Kazakhstan	239	235	36.7	58.3	4.4	0.4	0.6	1.1	542.7	521.0	522.5	518.8	451.4	461.9
Korea, Rep. of	317	317	46.8	38.6	5.8	0.0	8.8	0.0	609.2	602.4	589.9	.	612.3	.
Kuwait	191	182	4.6	27.5	60.9	1.4	6.9	2.3	416.5	414.5	382.9	401.3	375.3	379.8
Lebanon	185	167	24.8	53.3	21.0	2.8	0.8	7.4	445.1	439.9	451.8	460.6	476.6	417.0
Lithuania	269	254	16.3	53.2	30.5	4.8	0.0	1.7	522.9	507.2	510.7	524.4	.	499.7
Malaysia	326	301	13.4	55.3	30.6	6.2	0.7	1.0	473.6	470.9	452.4	455.7	549.1	446.0
Malta	224	207	54.0	31.8	12.4	6.4	1.7	0.8	502.4	497.5	474.7	480.0	343.4	467.9
Morocco	373	354	33.0	52.9	13.2	2.3	0.8	2.4	387.1	383.4	384.5	384.9	344.7	381.8
New Zealand	489	454	41.4	39.8	15.2	3.8	3.5	3.8	513.4	485.6	477.6	471.8	440.7	474.6
Norway	239	209	17.0	40.5	39.4	9.6	3.1	1.1	518.2	512.7	510.7	498.8	519.1	499.1
Oman	356	347	10.5	43.5	45.1	0.0	0.9	2.2	406.3	404.2	400.7	.	435.3	404.6
Qatar	250	240	18.4	43.3	34.6	0.5	3.8	1.9	487.9	425.4	414.6	547.9	516.0	436.7
Russian Federation	226	223	15.5	77.2	7.4	0.0	0.0	1.1	528.1	540.3	526.0	.	.	591.3
Saudi Arabia	149	145	17.3	51.2	30.2	0.6	1.3	2.0	368.2	358.2	381.8	448.5	359.2	375.3
Singapore	334	329	33.8	52.1	13.6	1.7	0.6	0.3	630.4	614.0	624.7	681.7	466.6	539.0
Slovenia	467	428	59.5	30.0	10.5	5.6	0.0	1.6	518.3	516.9	505.1	511.8	.	524.7
South Africa	334	320	36.1	50.7	11.9	1.1	1.3	2.7	392.6	360.2	361.7	415.4	365.3	363.2
Sweden	206	199	20.1	26.0	20.2	1.8	33.8	0.9	517.2	495.9	496.7	510.0	498.0	443.9
Thailand	205	197	13.3	53.4	32.1	0.0	1.2	3.9	435.9	438.7	418.9	.	395.2	430.3
Turkey	220	218	26.6	46.6	22.3	0.0	4.5	0.8	459.5	461.6	455.1	.	414.9	477.0
United Arab Emirates	746	642	20.8	52.4	24.6	9.4	2.2	1.7	489.8	469.9	435.6	447.4	536.6	442.1
United States	429	366	54.3	33.3	10.3	13.6	2.1	0.8	529.4	506.1	502.8	516.7	492.9	560.7
International Avg. (39)	12055	11079	30.9	44.4	21.2	3.8	3.5	2.1	490.9	479.6	475.6	490.5	452.0	465.8
Buenos Aires, Argentina	138	60	42.8	38.2	14.2	57.3	4.8	0.3	386.2	391.4	414.5	400.5	334.0	471.1
Ontario, Canada	217	177	44.6	40.8	7.2	13.5	7.3	4.6	530.0	519.3	525.2	510.3	507.1	533.6
Quebec, Canada	175	155	59.4	27.3	10.1	8.0	3.2	2.8	553.9	550.4	530.1	475.4	542.1	522.1
Norway (8)	239	207	18.8	48.0	32.4	9.3	0.9	2.4	501.0	483.4	483.7	481.9	545.2	483.7
Abu Dhabi, UAE	207	169	16.1	57.3	22.2	13.4	4.4	1.1	460.6	442.2	415.1	439.9	515.9	409.4
Dubai, UAE	267	241	31.6	53.8	12.7	5.0	1.9	1.5	524.2	520.9	461.8	465.6	587.7	424.6
Florida, US	110	77	49.6	41.0	5.4	25.8	4.0	0.9	518.4	494.3	484.4	468.9	449.0	337.8

Question: How often do you do the following with the mathematics homework assignments for this class? Discuss the homework in class
Location: TQM-22Cc (BTBM22CC)

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	941	743	45.6	47.6	3.4	10.6	3.4	3.1	514.6	509.7	491.9	473.9	444.7	495.7
Bahrain	201	197	59.8	34.8	2.1	1.1	3.4	1.6	460.5	443.5	428.9	450.8	458.7	462.3
Botswana	169	153	75.0	23.8	0.6	5.5	0.6	1.3	393.5	384.7	399.2	383.2	346.2	398.9
Canada	409	350	77.1	17.2	0.4	10.7	5.3	3.7	529.9	539.3	502.3	501.9	514.2	524.8
Chile	173	147	57.9	21.9	0.2	9.4	20.0	3.5	436.9	412.1	504.3	406.3	426.7	429.6
Chinese Taipei	216	215	79.1	19.5	0.9	0.0	0.5	0.3	600.3	596.8	578.8	.	527.7	605.9
Egypt	215	209	47.6	48.1	0.5	0.8	3.8	2.6	395.2	385.8	390.8	431.7	417.7	406.9
England	215	182	42.9	50.5	4.4	13.9	2.2	0.0	518.4	525.0	457.6	524.9	435.4	.
Georgia	188	187	62.5	37.5	0.0	0.0	0.0	0.9	454.6	450.9	.	.	.	449.3
Hong Kong SAR	175	167	27.2	70.7	2.1	1.8	0.0	4.0	602.4	591.9	614.2	615.8	.	562.1
Hungary	278	267	95.8	3.0	0.0	3.4	1.2	1.4	516.6	522.0	.	518.2	393.5	449.5
Iran, Islamic Rep. of	251	249	48.6	40.8	6.4	0.0	4.3	0.9	440.5	435.6	427.7	.	409.9	432.1
Ireland	526	477	80.5	17.6	1.7	7.1	0.2	1.1	525.7	507.9	521.9	535.6	528.0	531.3
Israel	603	528	71.1	27.0	0.4	6.9	1.5	2.9	520.4	493.7	530.6	513.3	442.6	468.9
Italy	230	215	83.8	14.2	0.7	4.6	1.3	1.0	493.7	494.9	525.8	512.6	493.5	441.2
Japan	231	227	8.6	45.4	35.6	0.3	10.4	1.1	601.3	591.6	582.3	571.1	574.0	518.7
Jordan	260	257	84.1	15.0	0.7	0.0	0.2	1.0	386.9	377.2	351.4	.	362.0	426.3
Kazakhstan	239	233	78.7	20.7	0.0	0.4	0.6	1.6	530.1	526.2	.	518.8	451.4	470.5
Korea, Rep. of	317	317	23.4	52.2	15.6	0.0	8.8	0.0	604.5	605.8	603.8	.	612.3	.
Kuwait	191	181	48.8	42.0	2.2	1.4	7.0	3.7	405.0	376.7	379.8	401.3	375.3	440.4
Lebanon	185	164	72.4	25.9	0.9	2.8	0.8	9.5	445.5	440.4	437.5	460.6	476.6	419.3
Lithuania	269	257	80.5	19.5	0.0	4.8	0.0	0.1	514.9	493.2	.	524.4	.	521.3
Malaysia	326	302	68.5	29.9	0.9	6.2	0.7	0.2	466.6	462.9	451.5	455.7	549.1	456.4
Malta	224	207	84.4	13.5	0.4	6.4	1.7	0.8	498.1	494.3	432.6	480.0	343.4	467.9
Morocco	373	357	66.5	30.4	2.3	2.3	0.8	1.6	384.4	386.5	369.9	384.9	344.7	385.1
New Zealand	489	455	25.2	61.4	10.0	3.8	3.5	3.6	505.8	491.7	498.4	471.8	440.7	478.7
Norway	239	209	43.2	47.9	5.7	9.6	3.1	1.1	513.1	512.7	512.7	498.8	519.1	499.1
Oman	356	346	82.0	16.4	0.7	0.0	0.9	2.7	401.9	408.2	397.4	.	435.3	401.0
Qatar	250	239	54.3	39.2	2.7	0.5	3.8	2.1	450.9	412.2	387.6	547.9	516.0	441.3
Russian Federation	226	224	62.9	37.1	0.0	0.0	0.0	0.9	539.0	534.6	.	.	.	605.3
Saudi Arabia	149	147	66.9	30.6	1.2	0.6	1.3	0.8	371.6	356.6	394.9	448.5	359.2	377.4
Singapore	334	329	67.8	30.6	1.0	1.7	0.6	0.4	623.1	615.0	650.6	681.7	466.6	604.1
Slovenia	467	429	78.4	21.3	0.3	5.6	0.0	1.4	517.7	512.6	464.3	511.8	.	524.4
South Africa	334	320	87.5	11.3	0.0	1.1	1.3	2.7	372.4	370.7	.	415.4	365.3	363.2
Sweden	206	201	25.4	38.1	3.1	1.8	33.4	0.0	506.6	499.2	495.5	510.0	498.0	.
Thailand	205	195	46.6	48.6	3.6	0.0	1.2	4.9	432.2	431.5	443.1	.	395.2	424.0
Turkey	220	214	26.5	60.5	8.4	0.0	4.7	3.7	477.1	454.0	452.7	.	414.9	443.6
United Arab Emirates	746	646	68.4	29.2	0.2	9.4	2.2	1.2	465.9	464.7	336.9	447.4	536.6	453.7
United States	429	367	79.1	17.8	1.0	13.6	2.1	0.7	523.2	500.1	495.9	516.7	492.9	561.5
International Avg. (39)	12055	11109	61.1	32.3	3.1	3.8	3.5	1.9	485.7	477.2	470.1	490.5	452.0	470.6
Buenos Aires, Argentina	138	59	67.5	27.0	0.6	57.3	4.9	1.1	391.9	394.5	419.2	400.5	334.0	401.2
Ontario, Canada	217	177	75.9	16.8	0.0	13.5	7.3	4.6	522.9	534.3	.	510.3	507.1	533.6
Quebec, Canada	175	157	76.8	18.9	1.1	8.0	3.2	1.1	548.8	556.4	502.3	475.4	542.1	531.0
Norway (8)	239	209	28.2	65.2	5.8	9.3	0.8	0.8	489.9	485.3	490.3	481.9	545.2	472.5
Abu Dhabi, UAE	207	170	64.5	31.1	0.0	13.4	4.4	0.8	438.7	439.4	.	439.9	515.9	407.6
Dubai, UAE	267	241	70.8	27.1	0.2	5.0	1.9	1.5	512.9	519.1	389.7	465.6	587.7	424.6
Florida, US	110	77	67.2	27.8	1.1	25.8	4.0	0.9	510.8	498.6	415.4	468.9	449.0	337.8

Question: How often do you do the following with the mathematics homework assignments for this class? Monitor whether or not the homework was completed
Location: TQM-22Cd (BTBM22CD)

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	941	744	66.5	26.9	3.1	10.6	3.4	3.1	506.6	524.3	502.4	473.9	444.7	495.7
Bahrain	201	197	82.5	13.4	0.7	1.1	3.4	1.5	454.6	452.3	440.7	450.8	458.7	432.0
Botswana	169	153	93.5	5.9	0.0	5.5	0.6	1.3	390.7	403.1	.	383.2	346.2	398.9
Canada	409	350	55.4	37.0	2.3	10.7	5.3	3.7	526.9	536.4	563.0	501.9	514.2	524.8
Chile	173	147	61.4	17.7	0.9	9.4	20.0	3.5	433.0	423.6	382.9	406.3	426.7	429.6
Chinese Taipei	216	214	64.4	32.4	2.6	0.0	0.5	0.9	607.0	583.2	614.8	.	527.7	603.5
Egypt	215	208	56.6	38.4	1.1	0.8	3.8	2.9	393.4	386.6	338.5	431.7	417.7	418.8
England	215	182	85.9	11.9	0.0	13.9	2.2	0.0	523.8	484.5	.	524.9	435.4	.
Georgia	188	186	95.6	3.7	0.7	0.0	0.0	1.6	452.8	467.8	488.0	.	.	430.4
Hong Kong SAR	175	166	68.1	29.0	2.9	1.8	0.0	4.4	599.9	586.7	592.4	615.8	.	551.9
Hungary	278	266	87.7	10.4	0.7	3.4	1.2	1.8	512.5	543.7	616.3	518.2	393.5	471.3
Iran, Islamic Rep. of	251	249	76.5	18.7	0.6	0.0	4.3	0.9	437.5	438.7	414.7	.	409.9	432.1
Ireland	526	478	76.8	22.6	0.4	7.1	0.2	0.9	519.3	531.9	626.5	535.6	528.0	521.0
Israel	603	528	68.9	28.1	1.5	6.9	1.5	2.9	510.8	516.8	552.9	513.3	442.6	468.9
Italy	230	215	64.9	32.2	1.6	4.6	1.3	1.0	492.0	498.1	498.1	512.6	493.5	441.2
Japan	231	227	62.1	23.3	4.2	0.3	10.4	1.1	585.2	600.0	579.7	571.1	574.0	518.7
Jordan	260	258	77.5	22.0	0.3	0.0	0.2	1.3	384.1	390.1	390.2	.	362.0	395.2
Kazakhstan	239	233	94.9	4.5	0.0	0.4	0.6	1.7	529.8	498.6	.	518.8	451.4	525.4
Korea, Rep. of	317	317	82.3	8.7	0.2	0.0	8.8	0.0	605.3	604.5	559.2	.	612.3	.
Kuwait	191	182	72.2	19.9	1.0	1.4	6.9	2.3	394.4	387.2	499.2	401.3	375.3	379.8
Lebanon	185	165	68.8	30.2	0.2	2.8	0.8	8.7	444.1	443.7	405.2	460.6	476.6	418.4
Lithuania	269	253	75.6	24.2	0.2	4.8	0.0	2.0	509.8	515.3	504.4	524.4	.	486.3
Malaysia	326	302	88.1	10.9	0.2	6.2	0.7	0.2	465.2	466.1	511.8	455.7	549.1	456.4
Malta	224	206	79.8	18.5	0.0	6.4	1.7	1.4	498.2	490.8	.	480.0	343.4	511.7
Morocco	373	358	61.5	36.2	1.5	2.3	0.8	1.3	385.1	383.4	390.1	384.9	344.7	393.2
New Zealand	489	455	63.8	31.6	1.1	3.8	3.5	3.6	492.8	503.2	494.1	471.8	440.7	475.3
Norway	239	209	56.8	36.7	3.4	9.6	3.1	1.1	510.2	515.6	528.0	498.8	519.1	499.1
Oman	356	348	84.5	14.2	0.4	0.0	0.9	2.2	403.4	397.0	464.8	.	435.3	406.6
Qatar	250	239	80.3	15.0	0.9	0.5	3.8	2.1	439.5	402.2	399.1	547.9	516.0	441.3
Russian Federation	226	224	86.3	13.7	0.0	0.0	0.0	1.0	538.2	535.4	.	.	.	556.8
Saudi Arabia	149	145	85.3	13.2	0.2	0.6	1.3	2.0	366.4	373.3	319.8	448.5	359.2	375.3
Singapore	334	330	85.2	13.6	0.7	1.7	0.6	0.0	621.1	616.7	662.6	681.7	466.6	.
Slovenia	467	429	94.9	5.1	0.0	5.6	0.0	1.4	517.0	507.1	.	511.8	.	524.4
South Africa	334	320	78.0	19.9	0.8	1.1	1.3	2.7	367.6	387.7	438.9	415.4	365.3	363.2
Sweden	206	200	40.9	19.0	6.5	1.8	33.6	0.5	503.5	499.6	504.7	510.0	498.0	421.3
Thailand	205	196	77.3	20.8	0.7	0.0	1.2	4.5	430.2	440.6	451.8	.	395.2	417.5
Turkey	220	216	64.4	30.7	0.3	0.0	4.6	1.7	455.6	467.5	503.5	.	414.9	460.5
United Arab Emirates	746	641	84.2	13.6	0.0	9.4	2.2	1.7	466.7	460.8	.	447.4	536.6	422.7
United States	429	366	87.4	10.2	0.3	13.6	2.1	0.8	517.0	535.5	456.9	516.7	492.9	560.7
International Avg. (39)	12055	11102	75.3	20.1	1.1	3.8	3.5	1.9	481.8	482.0	490.5	490.5	452.0	461.9
Buenos Aires, Argentina	138	60	66.6	26.6	2.0	57.3	4.8	0.3	389.7	397.2	422.5	400.5	334.0	471.1
Ontario, Canada	217	177	52.9	37.8	2.0	13.5	7.3	4.6	518.7	532.5	546.8	510.3	507.1	533.6
Quebec, Canada	175	157	53.4	40.2	3.2	8.0	3.2	1.1	550.2	546.8	580.1	475.4	542.1	531.0
Norway (8)	239	209	61.1	36.9	1.2	9.3	0.8	0.8	483.6	491.9	501.9	481.9	545.2	472.5
Abu Dhabi, UAE	207	169	76.6	19.1	0.0	13.4	4.4	1.1	435.9	451.4	.	439.9	515.9	409.4
Dubai, UAE	267	241	85.1	13.0	0.0	5.0	1.9	1.5	516.2	501.9	.	465.6	587.7	424.6
Florida, US	110	77	85.4	9.0	1.6	25.8	4.0	0.9	502.8	536.6	517.6	468.9	449.0	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How often do you do the following with the mathematics homework assignments for this class? Use the homework to contribute towards students' grades or marks
Location: TQM-22Ce (BTBM22CE)

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	941	744	19.1	30.4	47.1	10.6	3.4	3.1	503.2	509.5	515.9	473.9	444.7	495.8
Bahrain	201	196	68.7	22.5	5.4	1.1	3.4	2.1	452.2	459.5	466.9	450.8	458.7	413.4
Botswana	169	153	21.6	32.2	45.6	5.5	0.6	1.3	391.9	392.7	390.4	383.2	346.2	398.9
Canada	409	350	8.1	28.2	58.4	10.7	5.3	3.7	516.1	532.1	533.3	501.9	514.2	524.8
Chile	173	147	31.7	36.2	12.1	9.4	20.0	3.5	423.5	427.9	455.3	406.3	426.7	429.6
Chinese Taipei	216	213	23.5	56.9	19.1	0.0	0.5	1.0	592.6	604.2	593.2	.	527.7	614.2
Egypt	215	208	38.0	50.6	7.6	0.8	3.8	2.9	390.3	386.3	413.7	431.7	417.7	418.8
England	215	182	31.3	41.6	24.8	13.9	2.2	0.0	528.9	518.6	507.4	524.9	435.4	.
Georgia	188	186	78.8	21.2	0.0	0.0	0.0	1.6	454.3	450.8	.	.	.	430.4
Hong Kong SAR	175	167	37.3	44.2	18.5	1.8	0.0	3.7	600.8	581.2	617.5	615.8	.	559.1
Hungary	278	266	17.3	47.2	34.3	3.4	1.2	1.8	506.2	517.9	520.0	518.2	393.5	471.3
Iran, Islamic Rep. of	251	249	51.7	40.2	3.8	0.0	4.3	0.9	439.6	432.9	459.1	.	409.9	432.1
Ireland	526	476	6.5	21.2	72.1	7.1	0.2	1.1	524.5	509.8	526.1	535.6	528.0	526.8
Israel	603	526	65.1	28.3	5.1	6.9	1.5	3.1	511.1	510.2	553.7	513.3	442.6	474.5
Italy	230	215	13.8	36.8	48.1	4.6	1.3	1.0	482.4	485.8	503.8	512.6	493.5	441.2
Japan	231	227	38.8	29.6	21.2	0.3	10.4	1.1	582.4	589.4	599.8	571.1	574.0	518.7
Jordan	260	258	46.5	48.7	4.6	0.0	0.2	1.3	381.4	388.1	399.2	.	362.0	395.2
Kazakhstan	239	235	81.4	17.9	0.0	0.4	0.6	0.8	530.7	520.2	558.4	518.8	451.4	468.5
Korea, Rep. of	317	317	45.4	29.1	16.7	0.0	8.8	0.0	605.7	602.7	607.6	.	612.3	.
Kuwait	191	181	39.8	44.1	9.0	1.4	7.0	3.6	390.5	387.3	415.8	401.3	375.3	445.1
Lebanon	185	165	29.9	49.1	20.1	2.8	0.8	9.2	435.8	441.4	458.8	460.6	476.6	426.7
Lithuania	269	256	33.8	50.9	15.3	4.8	0.0	1.0	500.6	515.8	516.4	524.4	.	498.8
Malaysia	326	302	22.0	50.1	27.2	6.2	0.7	0.2	472.7	467.6	455.5	455.7	549.1	456.4
Malta	224	207	49.0	43.6	5.7	6.4	1.7	0.8	493.5	498.2	523.3	480.0	343.4	467.9
Morocco	373	354	15.5	49.7	34.0	2.3	0.8	2.5	386.3	385.5	381.8	384.9	344.7	397.9
New Zealand	489	452	15.1	27.0	54.4	3.8	3.5	4.3	486.4	497.8	498.5	471.8	440.7	473.9
Norway	239	209	5.2	20.1	71.6	9.6	3.1	1.1	502.5	509.4	514.6	498.8	519.1	499.1
Oman	356	346	28.6	58.5	12.0	0.0	0.9	4.0	408.5	397.6	417.8	.	435.3	395.2
Qatar	250	239	53.9	30.9	11.4	0.5	3.8	2.1	419.7	442.6	472.6	547.9	516.0	441.3
Russian Federation	226	224	3.2	79.9	17.0	0.0	0.0	0.9	526.5	539.1	531.2	.	.	605.3
Saudi Arabia	149	145	67.8	24.6	6.3	0.6	1.3	2.0	364.8	365.6	399.1	448.5	359.2	375.3
Singapore	334	330	33.4	31.0	35.0	1.7	0.6	0.0	621.1	613.5	627.0	681.7	466.6	.
Slovenia	467	429	9.3	25.2	65.5	5.6	0.0	1.4	514.0	520.7	515.2	511.8	.	524.4
South Africa	334	318	13.6	22.5	62.5	1.1	1.3	3.5	352.8	364.9	379.8	415.4	365.3	352.9
Sweden	206	200	3.6	18.4	44.3	1.8	33.6	0.5	467.8	502.0	505.5	510.0	498.0	421.3
Thailand	205	196	36.4	48.0	14.4	0.0	1.2	4.5	430.9	435.0	428.4	.	395.2	417.5
Turkey	220	216	52.0	37.9	5.5	0.0	4.6	1.7	460.4	453.7	492.9	.	414.9	460.5
United Arab Emirates	746	640	46.3	39.9	11.7	9.4	2.2	2.0	456.4	466.7	498.3	447.4	536.6	441.8
United States	429	366	69.6	20.5	7.8	13.6	2.1	0.9	517.8	516.3	536.8	516.7	492.9	525.1
International Avg. (39)	12055	11090	34.7	36.8	25.0	3.8	3.5	2.1	477.6	480.5	494.5	490.5	452.0	462.2
Buenos Aires, Argentina	138	59	56.2	35.0	3.9	57.3	4.9	1.2	376.4	414.3	439.3	400.5	334.0	395.7
Ontario, Canada	217	177	8.6	22.5	61.6	13.5	7.3	4.6	509.8	529.0	525.6	510.3	507.1	533.6
Quebec, Canada	175	157	7.0	32.0	57.8	8.0	3.2	1.1	541.9	544.4	553.7	475.4	542.1	531.0
Norway (8)	239	209	2.5	21.5	75.2	9.3	0.8	0.8	489.2	483.7	487.7	481.9	545.2	472.5
Abu Dhabi, UAE	207	168	39.1	39.9	16.6	13.4	4.4	1.6	435.6	432.1	465.6	439.9	515.9	400.2
Dubai, UAE	267	240	40.9	44.1	13.1	5.0	1.9	2.0	496.1	520.7	550.7	465.6	587.7	439.9
Florida, US	110	77	77.1	12.2	6.7	25.8	4.0	0.9	501.3	523.2	532.3	468.9	449.0	337.8

Question: How much emphasis do you place on the following sources to monitor students' progress in mathematics? Assessment of students' ongoing work
Location: TQM-23a (BTBM23A)

Country	Sample	Valid N	1.Major emphasis %	2.Some emphasis %	3.Little or no emphasis %	Not Administered %	Not Applicable %	Omitted %	1.Major emphasis Mean	2.Some emphasis Mean	3.Little or no emphasis Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	743	56.4	39.8	3.8	10.6	0.0	3.2	500.7	516.7	552.2	473.9	.	499.8
Bahrain	201	177	86.8	13.1	0.1	1.1	0.0	15.5	453.0	452.4	546.7	450.8	.	458.9
Botswana	169	129	83.8	14.9	1.3	5.5	0.0	17.4	391.6	389.6	371.8	383.2	.	392.4
Canada	409	340	67.3	30.1	2.7	10.7	0.0	6.8	523.7	545.9	538.1	501.9	.	525.2
Chile	173	132	80.9	18.6	0.5	9.4	0.0	12.6	428.3	422.6	470.2	406.3	.	443.1
Chinese Taipei	216	203	57.6	39.5	2.9	0.0	0.0	5.8	599.8	599.5	593.7	.	.	592.6
Egypt	215	199	66.8	32.7	0.5	0.8	0.0	6.0	398.9	377.9	377.2	431.7	.	391.7
England	215	182	61.5	37.4	1.1	13.9	0.0	0.0	521.6	509.6	529.7	524.9	.	.
Georgia	188	169	83.2	16.5	0.4	0.0	0.0	11.7	452.7	452.8	450.5	.	.	456.8
Hong Kong SAR	175	152	68.2	30.9	1.0	1.8	0.0	12.5	599.5	583.8	575.9	615.8	.	590.1
Hungary	278	267	68.8	29.8	1.4	3.4	0.0	0.7	508.1	532.1	435.1	518.2	.	523.3
Iran, Islamic Rep. of	251	245	81.4	18.6	0.0	0.0	0.0	2.0	437.3	432.3	.	.	.	435.4
Ireland	526	455	58.2	36.0	5.9	7.1	0.0	6.5	518.5	526.1	538.1	535.6	.	524.7
Israel	603	529	77.3	21.5	1.2	6.9	0.0	2.7	513.9	510.4	420.6	513.3	.	465.9
Italy	230	190	86.3	13.2	0.5	4.6	0.0	10.3	492.7	496.5	496.6	512.6	.	496.4
Japan	231	218	58.2	38.9	2.9	0.3	0.0	5.7	578.6	598.2	616.9	571.1	.	572.8
Jordan	260	207	63.6	35.5	1.0	0.0	0.0	21.0	386.8	376.7	415.9	.	.	393.1
Kazakhstan	239	212	93.0	7.0	0.0	0.4	0.0	9.4	526.6	528.7	.	518.8	.	538.3
Korea, Rep. of	317	317	45.0	51.7	3.2	0.0	0.0	0.0	606.8	603.8	621.9	.	.	.
Kuwait	191	161	79.4	19.7	0.9	1.4	0.0	14.9	398.7	376.0	366.8	401.3	.	383.4
Lebanon	185	148	77.5	22.5	0.0	2.8	0.0	19.0	442.5	455.4	.	460.6	.	427.6
Lithuania	269	256	86.2	11.5	2.4	4.8	0.0	1.2	509.3	511.8	523.1	524.4	.	566.4
Malaysia	326	274	54.7	45.0	0.3	6.2	0.0	9.1	468.9	463.6	509.6	455.7	.	459.3
Malta	224	206	74.4	25.4	0.2	6.4	0.0	1.2	493.7	498.9	354.9	480.0	.	471.1
Morocco	373	327	71.2	27.4	1.4	2.3	0.0	9.8	386.5	381.9	367.4	384.9	.	379.3
New Zealand	489	457	49.5	44.6	5.9	3.8	0.0	1.4	479.9	503.4	530.7	471.8	.	507.9
Norway	239	209	64.4	32.9	2.7	9.6	0.0	1.1	509.8	518.5	524.7	498.8	.	499.1
Oman	356	327	83.3	16.4	0.3	0.0	0.0	11.1	403.2	403.3	347.9	.	.	404.0
Qatar	250	199	74.4	24.7	0.9	0.5	0.0	21.6	433.0	470.2	439.7	547.9	.	416.0
Russian Federation	226	216	79.3	20.7	0.0	0.0	0.0	4.9	534.6	541.3	.	.	.	576.2
Saudi Arabia	149	135	68.9	31.1	0.0	0.6	0.0	10.5	364.9	372.1	.	448.5	.	368.0
Singapore	334	329	63.5	35.3	1.2	1.7	0.0	0.3	625.4	610.4	618.0	681.7	.	588.5
Slovenia	467	429	90.3	9.5	0.2	5.6	0.0	1.3	516.5	516.5	510.3	511.8	.	527.1
South Africa	334	282	83.1	16.9	0.0	1.1	0.0	15.7	373.2	377.1	.	415.4	.	361.6
Sweden	206	201	64.9	34.4	0.7	1.8	0.0	0.0	499.8	500.7	563.4	510.0	.	.
Thailand	205	200	61.7	36.5	1.8	0.0	0.0	2.6	431.7	428.3	483.7	.	.	432.4
Turkey	220	202	88.6	11.4	0.0	0.0	0.0	7.0	455.8	466.1	.	.	.	465.8
United Arab Emirates	746	544	84.0	15.5	0.5	9.4	0.0	14.8	466.3	475.7	597.3	447.4	.	457.3
United States	429	365	71.1	27.6	1.3	13.6	0.0	1.3	513.1	531.0	542.7	516.7	.	525.0
International Avg. (39)	12055	10533	72.2	26.5	1.3	3.8	0.0	7.7	480.7	483.5	494.7	490.5	.	475.5
Buenos Aires, Argentina	138	58	94.3	5.7	0.0	57.3	0.0	2.0	386.4	412.9	.	400.5	.	438.2
Ontario, Canada	217	170	70.4	29.0	0.6	13.5	0.0	8.6	518.4	539.3	462.5	510.3	.	524.5
Quebec, Canada	175	154	57.2	36.1	6.7	8.0	0.0	1.6	542.3	558.9	549.0	475.4	.	581.2
Norway (8)	239	209	51.8	46.2	1.9	9.3	0.0	0.8	487.1	487.6	489.8	481.9	.	472.5
Abu Dhabi, UAE	207	143	82.2	16.4	1.4	13.4	0.0	13.3	440.1	454.5	597.3	439.9	.	426.5
Dubai, UAE	267	217	84.3	15.7	0.0	5.0	0.0	9.4	513.1	528.5	.	465.6	.	502.8
Florida, US	110	77	73.6	25.6	0.8	25.8	0.0	0.9	501.9	510.9	467.9	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How much emphasis do you place on the following sources to monitor students' progress in mathematics? Classroom tests
Location: TQM-23b (BTBM23B)

Country	Sample	Valid N	1.Major emphasis %	2.Some emphasis %	3.Little or no emphasis %	Not Administered %	Not Applicable %	Omitted %	1.Major emphasis Mean	2.Some emphasis Mean	3.Little or no emphasis Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	743	73.9	25.4	0.7	10.6	0.0	3.3	509.7	507.7	447.1	473.9	.	505.8
Bahrain	201	177	87.0	12.8	0.2	1.1	0.0	15.5	451.9	459.5	556.4	450.8	.	458.9
Botswana	169	129	74.0	24.1	1.9	5.5	0.0	17.4	394.0	384.6	355.8	383.2	.	392.4
Canada	409	340	72.3	26.7	1.0	10.7	0.0	6.8	535.2	517.0	572.7	501.9	.	525.2
Chile	173	132	74.7	24.2	1.1	9.4	0.0	12.6	431.5	413.6	454.2	406.3	.	443.1
Chinese Taipei	216	205	70.0	28.6	1.4	0.0	0.0	5.6	604.7	588.4	567.7	.	.	591.5
Egypt	215	200	68.3	31.2	0.4	0.8	0.0	5.8	393.6	389.3	390.7	431.7	.	386.5
England	215	182	69.5	28.3	2.2	13.9	0.0	0.0	522.7	504.5	507.4	524.9	.	.
Georgia	188	170	67.6	32.4	0.0	0.0	0.0	11.0	454.3	448.2	.	.	.	460.1
Hong Kong SAR	175	151	82.7	17.3	0.0	1.8	0.0	13.2	591.9	601.8	.	615.8	.	595.3
Hungary	278	267	71.6	26.4	2.0	3.4	0.0	0.7	511.9	514.4	594.3	518.2	.	523.3
Iran, Islamic Rep. of	251	245	73.0	26.8	0.3	0.0	0.0	2.0	438.6	431.7	304.4	.	.	435.4
Ireland	526	455	86.7	12.7	0.7	7.1	0.0	6.5	524.5	506.1	563.7	535.6	.	524.7
Israel	603	529	88.5	10.8	0.7	6.9	0.0	2.7	516.1	485.7	400.5	513.3	.	465.9
Italy	230	191	69.5	30.5	0.0	4.6	0.0	10.0	497.6	484.1	.	512.6	.	494.0
Japan	231	218	98.5	1.5	0.0	0.3	0.0	5.7	587.1	606.8	.	571.1	.	572.8
Jordan	260	207	66.9	32.0	1.1	0.0	0.0	21.0	386.1	379.1	355.0	.	.	393.1
Kazakhstan	239	212	94.9	5.1	0.0	0.4	0.0	9.6	526.6	546.3	.	518.8	.	530.4
Korea, Rep. of	317	317	62.9	35.7	1.4	0.0	0.0	0.0	608.0	603.0	576.3	.	.	.
Kuwait	191	161	68.1	28.2	3.7	1.4	0.0	15.0	396.9	389.1	377.7	401.3	.	383.0
Lebanon	185	146	77.5	21.7	0.9	2.8	0.0	19.8	442.2	454.6	484.5	460.6	.	428.7
Lithuania	269	256	60.7	35.6	3.7	4.8	0.0	1.2	512.0	505.6	517.8	524.4	.	566.4
Malaysia	326	274	47.7	48.1	4.2	6.2	0.0	9.3	467.7	466.2	468.0	455.7	.	456.4
Malta	224	206	57.1	36.4	6.6	6.4	0.0	1.2	512.3	484.2	401.0	480.0	.	471.1
Morocco	373	326	65.1	32.4	2.4	2.3	0.0	9.9	384.3	384.0	410.1	384.9	.	380.2
New Zealand	489	457	72.3	27.3	0.5	3.8	0.0	1.4	498.4	480.6	450.8	471.8	.	507.9
Norway	239	207	83.8	15.7	0.4	9.6	0.0	1.9	514.7	505.7	477.9	498.8	.	502.4
Oman	356	326	77.3	21.8	0.9	0.0	0.0	11.4	404.9	398.5	352.5	.	.	404.3
Qatar	250	200	79.7	18.7	1.6	0.5	0.0	21.2	442.9	425.8	570.6	547.9	.	417.0
Russian Federation	226	216	93.9	6.1	0.0	0.0	0.0	4.9	536.5	528.6	.	.	.	576.2
Saudi Arabia	149	135	69.9	29.4	0.7	0.6	0.0	10.5	370.8	360.5	293.6	448.5	.	368.0
Singapore	334	328	87.5	12.1	0.4	1.7	0.0	0.6	621.7	610.5	652.5	681.7	.	538.4
Slovenia	467	429	80.2	19.8	0.1	5.6	0.0	1.3	516.6	516.0	448.1	511.8	.	527.1
South Africa	334	281	77.7	22.0	0.3	1.1	0.0	16.5	373.4	376.6	365.4	415.4	.	361.0
Sweden	206	201	64.6	35.1	0.3	1.8	0.0	0.0	506.1	490.6	469.5	510.0	.	.
Thailand	205	201	77.9	21.7	0.5	0.0	0.0	2.6	430.9	433.8	406.2	.	.	431.0
Turkey	220	203	80.4	18.8	0.7	0.0	0.0	6.4	457.5	455.8	388.3	.	.	472.2
United Arab Emirates	746	544	75.6	22.9	1.6	9.4	0.0	14.8	471.7	449.3	579.8	447.4	.	457.8
United States	429	365	83.0	15.6	1.5	13.6	0.0	1.3	518.3	522.7	480.6	516.7	.	525.0
International Avg. (39)	12055	10532	75.2	23.6	1.2	3.8	0.0	7.7	483.7	477.2	461.8	490.5	.	474.2
Buenos Aires, Argentina	138	58	75.5	23.5	1.1	57.3	0.0	2.0	399.0	347.5	492.0	400.5	.	438.2
Ontario, Canada	217	170	64.1	35.1	0.8	13.5	0.0	8.6	528.6	513.8	629.1	510.3	.	524.5
Quebec, Canada	175	154	88.0	11.0	1.0	8.0	0.0	1.6	549.5	541.4	565.9	475.4	.	581.2
Norway (8)	239	209	81.1	18.9	0.0	9.3	0.0	0.8	487.3	487.6	.	481.9	.	472.5
Abu Dhabi, UAE	207	143	69.8	29.2	1.0	13.4	0.0	13.1	448.8	430.0	569.6	439.9	.	427.5
Dubai, UAE	267	219	79.8	17.7	2.5	5.0	0.0	9.0	518.8	488.0	586.6	465.6	.	507.1
Florida, US	110	77	78.1	21.8	0.1	25.8	0.0	0.9	508.4	487.8	503.5	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How much emphasis do you place on the following sources to monitor students' progress in mathematics? National or regional achievement tests
Location: TQM-23c (BTBM23C)

Country	Sample	Valid N	1.Major emphasis %	2.Some emphasis %	3.Little or no emphasis %	Not Administered %	Not Applicable %	Omitted %	1.Major emphasis Mean	2.Some emphasis Mean	3.Little or no emphasis Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	744	5.5	47.0	47.5	10.6	0.0	3.2	502.2	502.0	516.7	473.9	.	499.8
Bahrain	201	174	47.8	35.7	16.6	1.1	0.0	17.7	454.6	438.7	478.8	450.8	.	458.8
Botswana	169	129	70.6	21.9	7.4	5.5	0.0	16.8	395.1	380.6	383.3	383.2	.	392.5
Canada	409	339	11.6	28.3	60.1	10.7	0.0	7.1	542.0	530.6	528.5	501.9	.	526.4
Chile	173	132	29.3	48.5	22.3	9.4	0.0	12.6	443.8	424.1	413.1	406.3	.	443.1
Chinese Taipei	216	204	23.1	50.0	26.9	0.0	0.0	5.7	615.1	597.3	590.7	.	.	590.5
Egypt	215	197	36.4	50.2	13.3	0.8	0.0	6.7	400.7	387.3	387.5	431.7	.	388.0
England	215	180	69.6	24.8	5.6	13.9	0.0	1.1	512.5	526.6	518.4	524.9	.	583.4
Georgia	188	166	28.6	60.0	11.4	0.0	0.0	13.2	459.3	452.3	442.3	.	.	453.4
Hong Kong SAR	175	151	8.0	31.8	60.3	1.8	0.0	13.2	582.5	589.3	599.1	615.8	.	588.9
Hungary	278	267	23.7	55.5	20.8	3.4	0.0	0.7	521.9	501.8	538.7	518.2	.	523.3
Iran, Islamic Rep. of	251	245	36.3	48.4	15.3	0.0	0.0	2.0	454.5	429.4	415.5	.	.	435.4
Ireland	526	451	12.9	33.2	53.8	7.1	0.0	7.8	514.1	520.6	524.9	535.6	.	528.4
Israel	603	529	40.5	46.9	12.6	6.9	0.0	2.7	521.4	499.7	528.1	513.3	.	465.9
Italy	230	191	12.1	57.7	30.2	4.6	0.0	10.0	509.3	492.6	488.8	512.6	.	494.0
Japan	231	218	10.8	33.3	55.9	0.3	0.0	5.7	579.1	578.9	594.0	571.1	.	572.8
Jordan	260	206	47.4	44.8	7.8	0.0	0.0	21.4	381.6	384.6	389.9	.	.	392.7
Kazakhstan	239	211	84.9	14.6	0.4	0.4	0.0	9.8	525.8	535.7	520.3	518.8	.	533.6
Korea, Rep. of	317	317	14.6	49.7	35.8	0.0	0.0	0.0	606.9	606.7	604.0	.	.	.
Kuwait	191	160	30.5	50.8	18.7	1.4	0.0	15.7	395.2	397.9	381.8	401.3	.	383.1
Lebanon	185	140	25.3	40.5	34.2	2.8	0.0	23.1	440.0	442.6	453.1	460.6	.	430.3
Lithuania	269	254	27.8	60.6	11.6	4.8	0.0	1.7	507.8	508.8	520.7	524.4	.	552.4
Malaysia	326	274	32.2	42.2	25.7	6.2	0.0	9.3	464.1	471.0	464.1	455.7	.	456.4
Malta	224	205	38.5	29.4	32.1	6.4	0.0	1.9	494.8	492.6	496.6	480.0	.	482.5
Morocco	373	319	40.9	42.8	16.4	2.3	0.0	11.6	384.9	382.7	388.1	384.9	.	383.7
New Zealand	489	454	21.6	38.9	39.5	3.8	0.0	1.8	481.3	483.3	509.7	471.8	.	504.5
Norway	239	209	9.9	46.6	43.5	9.6	0.0	1.1	510.3	508.1	519.0	498.8	.	499.1
Oman	356	327	62.1	29.7	8.2	0.0	0.0	10.9	403.4	400.7	407.9	.	.	404.6
Qatar	250	200	54.5	28.7	16.8	0.5	0.0	21.2	423.6	448.9	488.6	547.9	.	417.0
Russian Federation	226	216	90.2	9.3	0.5	0.0	0.0	4.9	537.4	524.9	483.0	.	.	576.2
Saudi Arabia	149	135	31.6	40.1	28.3	0.6	0.0	10.5	374.1	370.6	354.5	448.5	.	368.0
Singapore	334	329	49.2	31.1	19.7	1.7	0.0	0.3	618.0	618.9	626.9	681.7	.	588.5
Slovenia	467	427	14.3	55.9	29.8	5.6	0.0	1.6	518.7	518.1	512.3	511.8	.	523.9
South Africa	334	279	57.7	37.5	4.7	1.1	0.0	16.7	366.2	378.3	438.2	415.4	.	360.7
Sweden	206	200	44.2	51.7	4.1	1.8	0.0	0.5	503.6	497.6	497.3	510.0	.	563.9
Thailand	205	199	30.3	52.1	17.6	0.0	0.0	3.0	429.5	426.2	449.3	.	.	436.2
Turkey	220	202	66.1	29.9	4.0	0.0	0.0	7.0	456.1	458.5	460.4	.	.	465.8
United Arab Emirates	746	540	37.3	46.3	16.4	9.4	0.0	15.3	461.3	471.2	475.4	447.4	.	458.7
United States	429	365	28.1	43.1	28.8	13.6	0.0	1.3	501.2	522.0	530.0	516.7	.	525.0
International Avg. (39)	12055	10485	36.1	40.8	23.2	3.8	0.0	8.1	481.9	479.5	485.1	490.5	.	480.3
Buenos Aires, Argentina	138	58	9.6	30.0	60.5	57.3	0.0	2.0	379.1	375.7	395.4	400.5	.	438.2
Ontario, Canada	217	170	1.8	15.8	82.4	13.5	0.0	8.6	463.3	524.0	525.5	510.3	.	524.5
Quebec, Canada	175	153	28.3	47.0	24.7	8.0	0.0	2.6	556.5	539.7	556.9	475.4	.	570.4
Norway (8)	239	209	10.3	42.3	47.4	9.3	0.0	0.8	482.0	489.6	486.6	481.9	.	472.5
Abu Dhabi, UAE	207	142	34.8	44.1	21.1	13.4	0.0	13.5	426.0	450.4	461.5	439.9	.	429.5
Dubai, UAE	267	217	42.8	42.5	14.7	5.0	0.0	9.8	521.7	503.4	531.0	465.6	.	505.3
Florida, US	110	77	32.0	43.8	24.2	25.8	0.0	0.9	485.7	514.4	509.0	468.9	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, have you participated in professional development in any of the following? Mathematics content
Location: TQM-24a (BTBM24A)

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	941	771	65.1	34.9	9.3	0.0	3.1	507.4	509.2	476.4	.	504.1
Bahrain	201	197	45.5	54.5	1.0	0.0	1.8	457.4	450.3	452.8	.	477.3
Botswana	169	156	44.7	55.3	5.5	0.0	0.0	396.7	386.9	383.2	.	.
Canada	409	358	66.1	33.9	10.5	0.0	2.1	529.1	532.5	501.6	.	531.3
Chile	173	148	48.3	51.7	9.4	0.0	3.4	425.0	433.8	406.3	.	430.3
Chinese Taipei	216	216	78.2	21.8	0.0	0.0	0.0	598.8	600.2	.	.	.
Egypt	215	212	48.7	51.3	0.7	0.0	1.3	388.2	396.6	428.8	.	351.2
England	215	183	59.2	40.8	13.1	0.0	0.6	518.0	517.2	525.4	.	451.5
Georgia	188	181	38.7	61.3	0.0	0.0	4.5	458.0	451.1	.	.	440.4
Hong Kong SAR	175	173	63.5	36.5	1.8	0.0	0.0	592.6	596.1	615.8	.	.
Hungary	278	268	28.4	71.6	3.4	0.0	0.4	531.4	507.5	518.2	.	518.0
Iran, Islamic Rep. of	251	250	74.4	25.6	0.0	0.0	0.2	442.4	418.6	.	.	454.4
Ireland	526	485	94.1	5.9	7.1	0.0	0.0	523.3	511.0	535.6	.	.
Israel	603	530	69.3	30.7	6.6	0.0	3.1	511.7	513.2	513.3	.	468.5
Italy	230	214	25.7	74.3	4.6	0.0	0.9	491.7	493.9	512.6	.	517.1
Japan	231	230	70.3	29.7	0.3	0.0	0.0	585.9	587.9	571.1	.	.
Jordan	260	256	25.1	74.9	0.0	0.0	2.9	392.7	382.1	.	.	410.7
Kazakhstan	239	236	58.8	41.2	0.4	0.0	0.6	530.0	523.6	518.8	.	602.9
Korea, Rep. of	317	317	50.9	49.1	0.0	0.0	0.0	605.8	605.6	.	.	.
Kuwait	191	189	63.3	36.7	1.4	0.0	0.0	386.7	402.1	401.3	.	.
Lebanon	185	173	56.7	43.3	2.3	0.0	5.2	439.1	448.9	451.2	.	421.3
Lithuania	269	256	61.6	38.4	4.8	0.0	1.4	509.1	512.9	524.4	.	515.8
Malaysia	326	304	47.4	52.6	6.2	0.0	0.4	470.9	461.7	455.7	.	434.0
Malta	224	208	44.7	55.3	5.6	0.0	1.3	492.7	496.0	482.2	.	475.0
Morocco	373	357	23.0	77.0	2.3	0.0	1.2	381.9	384.9	384.9	.	400.1
New Zealand	489	466	66.4	33.6	3.8	0.0	0.3	497.4	485.8	472.4	.	506.9
Norway	239	213	18.0	82.0	8.6	0.0	1.5	506.7	514.3	498.7	.	503.3
Oman	356	355	49.6	50.4	0.0	0.0	0.2	403.4	403.1	.	.	381.7
Qatar	250	245	66.8	33.2	0.4	0.0	0.8	434.6	441.7	546.5	.	391.0
Russian Federation	226	226	70.5	29.5	0.0	0.0	0.0	539.4	534.7	.	.	.
Saudi Arabia	149	147	48.9	51.1	0.6	0.0	0.9	371.0	363.7	448.5	.	365.1
Singapore	334	330	68.4	31.6	1.7	0.0	0.0	618.7	622.5	681.7	.	.
Slovenia	467	436	60.0	40.0	5.3	0.0	1.1	518.7	513.3	512.4	.	516.9
South Africa	334	323	84.2	15.8	0.9	0.0	1.3	373.7	362.2	415.1	.	375.7
Sweden	206	200	58.0	42.0	1.8	0.0	0.4	498.2	503.4	510.0	.	544.6
Thailand	205	204	70.1	29.9	0.0	0.0	0.6	430.8	433.9	.	.	388.4
Turkey	220	220	19.2	80.8	0.0	0.0	0.0	461.2	456.8	.	.	.
United Arab Emirates	746	675	58.6	41.4	7.8	0.0	0.7	464.1	467.1	456.4	.	485.9
United States	429	366	78.1	21.9	13.6	0.0	1.0	514.8	531.0	516.7	.	537.8
International Avg. (39)	12055	11274	55.6	44.4	3.6	0.0	1.1	482.0	481.0	490.6	.	462.1
Buenos Aires, Argentina	138	59	71.5	28.5	57.3	0.0	1.1	383.0	404.3	400.5	.	433.9
Ontario, Canada	217	180	74.3	25.7	13.2	0.0	3.5	524.9	520.6	510.3	.	531.3
Quebec, Canada	175	161	49.4	50.6	7.9	0.0	0.0	551.4	547.3	474.1	.	.
Norway (8)	239	211	20.4	79.6	8.8	0.0	1.4	486.6	487.4	482.5	.	483.5
Abu Dhabi, UAE	207	183	44.8	55.2	11.4	0.0	0.0	436.2	445.4	444.7	.	.
Dubai, UAE	267	248	71.4	28.6	3.8	0.0	0.8	510.6	517.1	487.9	.	549.6
Florida, US	110	78	81.9	18.1	24.8	0.0	0.9	496.9	531.5	469.7	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, have you participated in professional development in any of the following? Mathematics pedagogy/instruction
Location: TQM-24b (BTBM24B)

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	941	771	66.6	33.4	9.3	0.0	3.1	509.1	505.9	476.4	.	504.1
Bahrain	201	197	64.6	35.4	1.0	0.0	1.8	451.6	457.1	452.8	.	477.3
Botswana	169	155	27.9	72.1	5.5	0.0	1.0	396.2	388.5	383.2	.	453.4
Canada	409	357	71.7	28.3	10.5	0.0	2.4	531.0	528.1	501.6	.	534.1
Chile	173	145	41.1	58.9	9.4	0.0	5.6	431.4	428.3	406.3	.	429.8
Chinese Taipei	216	216	64.8	35.2	0.0	0.0	0.0	598.0	601.1	.	.	.
Egypt	215	212	59.9	40.1	0.7	0.0	1.3	393.6	390.8	428.8	.	351.2
England	215	183	64.7	35.3	13.1	0.0	0.6	519.0	515.2	525.4	.	451.5
Georgia	188	180	41.3	58.7	0.0	0.0	5.1	460.2	450.0	.	.	434.6
Hong Kong SAR	175	172	63.9	36.1	1.8	0.0	0.8	588.9	602.1	615.8	.	618.0
Hungary	278	268	35.7	64.3	3.4	0.0	0.4	529.9	505.6	518.2	.	518.0
Iran, Islamic Rep. of	251	249	83.5	16.5	0.0	0.0	0.4	438.7	425.7	.	.	387.1
Ireland	526	479	78.2	21.8	7.1	0.0	1.4	524.6	515.3	535.6	.	523.3
Israel	603	530	70.4	29.6	6.6	0.0	3.1	510.8	515.5	513.3	.	468.5
Italy	230	215	39.8	60.2	4.6	0.0	0.4	496.7	491.4	512.6	.	489.8
Japan	231	230	68.2	31.8	0.3	0.0	0.0	582.2	595.9	571.1	.	.
Jordan	260	255	35.8	64.2	0.0	0.0	3.9	386.9	384.2	.	.	395.6
Kazakhstan	239	234	73.3	26.7	0.4	0.0	2.4	524.6	535.5	518.8	.	541.7
Korea, Rep. of	317	317	63.2	36.8	0.0	0.0	0.0	604.8	607.3	.	.	.
Kuwait	191	188	62.3	37.7	1.4	0.0	0.6	389.9	395.1	401.3	.	467.8
Lebanon	185	174	60.0	40.0	2.3	0.0	4.8	439.6	449.5	451.2	.	416.3
Lithuania	269	255	61.3	38.7	4.8	0.0	1.4	513.9	505.3	524.4	.	513.9
Malaysia	326	304	65.5	34.5	6.2	0.0	0.4	463.1	471.6	455.7	.	434.0
Malta	224	210	59.7	40.3	4.9	0.0	0.8	487.3	505.8	478.6	.	443.1
Morocco	373	355	27.1	72.9	2.3	0.0	1.3	387.0	382.9	384.9	.	412.2
New Zealand	489	466	62.5	37.5	3.8	0.0	0.3	498.8	484.6	472.4	.	506.9
Norway	239	213	24.3	75.7	8.6	0.0	1.5	506.4	515.0	498.7	.	503.3
Oman	356	353	56.4	43.6	0.0	0.0	0.6	405.1	401.3	.	.	356.3
Qatar	250	245	71.2	28.8	0.4	0.0	0.8	432.0	449.4	546.5	.	391.0
Russian Federation	226	226	79.1	20.9	0.0	0.0	0.0	536.8	542.4	.	.	.
Saudi Arabia	149	146	69.4	30.6	1.1	0.0	0.9	366.7	368.2	417.6	.	365.1
Singapore	334	330	89.5	10.5	1.7	0.0	0.0	619.3	624.8	681.7	.	.
Slovenia	467	436	57.2	42.8	5.3	0.0	1.1	516.9	516.0	512.4	.	516.9
South Africa	334	321	58.2	41.8	0.9	0.0	2.5	374.1	370.8	415.1	.	341.5
Sweden	206	200	69.9	30.1	1.8	0.0	0.4	501.6	497.5	510.0	.	544.6
Thailand	205	204	72.7	27.3	0.0	0.0	0.6	431.3	432.7	.	.	388.4
Turkey	220	220	27.0	73.0	0.0	0.0	0.0	456.7	458.0	.	.	.
United Arab Emirates	746	675	60.2	39.8	7.8	0.0	0.7	463.0	469.5	456.4	.	449.0
United States	429	366	70.2	29.8	13.6	0.0	1.0	516.9	521.7	516.7	.	537.8
International Avg. (39)	12055	11252	59.5	40.5	3.6	0.0	1.4	481.7	482.2	489.5	.	459.6
Buenos Aires, Argentina	138	60	66.7	33.3	57.3	0.0	0.3	393.5	382.2	400.5	.	471.1
Ontario, Canada	217	180	78.7	21.3	13.2	0.0	3.5	526.8	512.8	510.3	.	531.3
Quebec, Canada	175	160	57.6	42.4	7.9	0.0	1.0	551.7	546.0	474.1	.	552.7
Norway (8)	239	212	25.3	74.7	8.8	0.0	1.0	488.5	486.9	482.5	.	474.0
Abu Dhabi, UAE	207	181	51.0	49.0	11.4	0.0	0.5	440.8	442.0	444.7	.	429.9
Dubai, UAE	267	250	67.8	32.2	3.8	0.0	0.5	509.2	520.5	487.9	.	508.1
Florida, US	110	78	76.9	23.1	24.8	0.0	0.9	501.0	510.4	469.7	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, have you participated in professional development in any of the following? Mathematics curriculum
Location: TQM-24c (BTBM24C)

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	941	771	71.1	28.9	9.3	0.0	3.1	509.2	505.2	476.4	.	504.1
Bahrain	201	197	43.6	56.4	1.0	0.0	1.8	457.4	450.5	452.8	.	477.3
Botswana	169	155	50.7	49.3	5.5	0.0	0.6	396.3	386.4	383.2	.	365.2
Canada	409	357	46.5	53.5	10.5	0.0	2.7	524.1	536.0	501.6	.	525.2
Chile	173	147	30.2	69.8	9.4	0.0	4.1	424.5	432.3	406.3	.	422.6
Chinese Taipei	216	216	71.9	28.1	0.0	0.0	0.0	600.7	595.1	.	.	.
Egypt	215	211	39.6	60.4	0.7	0.0	1.4	394.9	390.8	428.8	.	360.7
England	215	184	64.6	35.4	13.1	0.0	0.0	511.8	527.0	525.4	.	.
Georgia	188	177	41.4	58.6	0.0	0.0	6.4	454.6	454.3	.	.	435.2
Hong Kong SAR	175	172	51.2	48.8	1.8	0.0	0.8	599.1	588.0	615.8	.	618.0
Hungary	278	268	14.7	85.3	3.4	0.0	0.4	529.5	511.7	518.2	.	518.0
Iran, Islamic Rep. of	251	248	55.3	44.7	0.0	0.0	1.1	435.8	438.5	.	.	377.4
Ireland	526	483	91.1	8.9	7.1	0.0	0.3	523.6	510.9	535.6	.	564.1
Israel	603	527	59.8	40.2	6.7	0.0	3.3	507.5	519.0	513.9	.	471.1
Italy	230	214	29.7	70.3	4.6	0.0	1.7	497.3	491.5	512.6	.	507.5
Japan	231	229	28.4	71.6	0.3	0.0	0.4	588.9	585.4	571.1	.	624.1
Jordan	260	254	23.8	76.2	0.0	0.0	3.4	386.1	384.4	.	.	407.3
Kazakhstan	239	234	60.5	39.5	0.4	0.0	3.8	522.4	533.0	518.8	.	559.2
Korea, Rep. of	317	317	44.1	55.9	0.0	0.0	0.0	605.1	606.2	.	.	.
Kuwait	191	188	61.1	38.9	1.4	0.0	0.4	392.4	392.3	401.3	.	396.9
Lebanon	185	173	50.7	49.3	2.3	0.0	5.4	436.1	451.1	451.2	.	419.6
Lithuania	269	257	56.7	43.3	4.8	0.0	0.1	510.5	510.8	524.4	.	521.3
Malaysia	326	302	46.3	53.7	6.2	0.0	1.7	471.9	462.8	455.7	.	409.3
Malta	224	210	53.5	46.5	4.9	0.0	0.8	483.9	507.3	478.6	.	443.1
Morocco	373	354	20.0	80.0	2.3	0.0	1.8	390.3	382.6	384.9	.	397.7
New Zealand	489	466	60.6	39.4	3.8	0.0	0.3	495.9	489.7	472.4	.	506.9
Norway	239	213	10.9	89.1	8.6	0.0	1.5	501.8	514.3	498.7	.	503.3
Oman	356	345	35.8	64.2	0.0	0.0	2.7	408.4	400.3	.	.	402.4
Qatar	250	244	59.5	40.5	0.4	0.0	1.1	440.8	430.8	546.5	.	422.5
Russian Federation	226	226	77.4	22.6	0.0	0.0	0.0	539.4	533.1	.	.	.
Saudi Arabia	149	146	35.6	64.4	0.6	0.0	2.0	366.0	368.0	448.5	.	364.5
Singapore	334	330	65.1	34.9	1.7	0.0	0.0	618.0	623.4	681.7	.	.
Slovenia	467	436	36.4	63.6	5.3	0.0	1.1	516.5	516.6	512.4	.	516.9
South Africa	334	322	86.4	13.6	0.9	0.0	1.1	371.7	374.8	415.1	.	361.1
Sweden	206	200	39.4	60.6	1.8	0.0	0.4	497.7	502.1	510.0	.	544.6
Thailand	205	204	55.7	44.3	0.0	0.0	0.6	427.8	436.6	.	.	388.4
Turkey	220	217	25.2	74.8	0.0	0.0	1.2	464.8	454.9	.	.	475.6
United Arab Emirates	746	677	60.0	40.0	7.8	0.0	0.6	467.5	462.5	456.4	.	465.3
United States	429	366	83.8	16.2	13.6	0.0	1.0	517.1	524.6	516.7	.	537.8
International Avg. (39)	12055	11237	49.7	50.3	3.6	0.0	1.5	481.7	481.7	490.5	.	465.1
Buenos Aires, Argentina	138	58	53.7	46.3	57.3	0.0	1.3	380.2	398.7	400.5	.	434.1
Ontario, Canada	217	180	57.2	42.8	13.2	0.0	3.5	523.7	524.0	510.3	.	531.3
Quebec, Canada	175	160	26.0	74.0	7.9	0.0	1.8	542.5	552.9	474.1	.	502.5
Norway (8)	239	212	11.9	88.1	8.8	0.0	1.0	492.4	486.6	482.5	.	474.0
Abu Dhabi, UAE	207	183	47.0	53.0	11.4	0.0	0.0	442.1	440.5	444.7	.	.
Dubai, UAE	267	250	73.4	26.6	3.8	0.0	0.5	512.6	513.3	487.9	.	508.1
Florida, US	110	78	81.5	18.5	24.8	0.0	0.9	500.0	517.3	469.7	.	337.8

Question: In the past two years, have you participated in professional development in any of the following? Integrating information technology into mathematics
Location: TQM-24d (BTBM24D)

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	941	770	59.0	41.0	9.5	0.0	3.1	507.3	509.1	477.2	.	504.1
Bahrain	201	196	69.1	30.9	1.0	0.0	2.1	453.1	454.5	452.8	.	473.2
Botswana	169	155	26.2	73.8	5.5	0.0	0.7	388.2	392.4	383.2	.	382.1
Canada	409	357	61.9	38.1	10.5	0.0	2.5	533.6	525.1	501.6	.	526.9
Chile	173	148	27.2	72.8	9.4	0.0	3.4	441.2	425.2	406.3	.	430.3
Chinese Taipei	216	215	59.8	40.2	0.0	0.0	0.1	601.9	594.9	.	.	588.2
Egypt	215	208	39.6	60.4	0.7	0.0	2.0	402.3	385.1	428.8	.	395.5
England	215	184	41.2	58.8	13.1	0.0	0.0	525.6	511.3	525.4	.	.
Georgia	188	182	52.9	47.1	0.0	0.0	3.9	455.8	451.6	.	.	436.8
Hong Kong SAR	175	172	57.5	42.5	1.8	0.0	0.8	594.4	592.7	615.8	.	618.0
Hungary	278	268	31.3	68.7	3.4	0.0	0.4	525.4	509.2	518.2	.	518.0
Iran, Islamic Rep. of	251	250	39.3	60.7	0.0	0.0	0.2	446.7	429.7	.	.	413.1
Ireland	526	481	65.1	34.9	7.1	0.0	0.6	524.9	518.5	535.6	.	510.0
Israel	603	526	65.1	34.9	6.6	0.0	3.4	508.1	520.4	513.3	.	466.4
Italy	230	216	41.3	58.7	4.6	0.0	0.0	494.2	493.0	512.6	.	.
Japan	231	230	39.3	60.7	0.3	0.0	0.0	582.8	588.9	571.1	.	.
Jordan	260	255	30.6	69.4	0.0	0.0	3.6	398.5	378.2	.	.	416.7
Kazakhstan	239	236	81.9	18.1	0.4	0.0	0.6	525.3	536.8	518.8	.	602.9
Korea, Rep. of	317	317	32.2	67.8	0.0	0.0	0.0	608.1	604.6	.	.	.
Kuwait	191	188	45.1	54.9	1.4	0.0	0.6	399.3	386.9	401.3	.	368.9
Lebanon	185	173	52.6	47.4	2.3	0.0	5.2	441.6	445.4	451.2	.	421.4
Lithuania	269	257	70.0	30.0	4.8	0.0	0.1	511.1	509.6	524.4	.	521.3
Malaysia	326	304	35.7	64.3	6.2	0.0	0.4	470.1	463.8	455.7	.	434.0
Malta	224	210	57.1	42.9	4.9	0.0	0.8	489.4	501.9	478.6	.	443.1
Morocco	373	355	41.0	59.0	2.3	0.0	1.6	383.0	384.4	384.9	.	419.5
New Zealand	489	466	58.0	42.0	3.8	0.0	0.3	499.5	485.2	472.4	.	506.9
Norway	239	213	36.2	63.8	8.6	0.0	1.5	514.0	512.3	498.7	.	503.3
Oman	356	353	37.8	62.2	0.0	0.0	1.2	418.2	393.6	.	.	423.8
Qatar	250	244	62.1	37.9	0.4	0.0	1.5	437.1	438.7	546.5	.	364.3
Russian Federation	226	226	77.7	22.3	0.0	0.0	0.0	537.3	540.2	.	.	.
Saudi Arabia	149	147	37.1	62.9	0.6	0.0	0.9	382.5	358.3	448.5	.	365.1
Singapore	334	330	61.5	38.5	1.7	0.0	0.0	621.2	617.9	681.7	.	.
Slovenia	467	436	54.8	45.2	5.3	0.0	1.1	516.1	517.1	512.4	.	516.9
South Africa	334	324	45.5	54.5	0.9	0.0	1.0	372.6	372.0	415.1	.	342.6
Sweden	206	200	17.8	82.2	1.8	0.0	0.4	502.2	500.0	510.0	.	544.6
Thailand	205	204	62.6	37.4	0.0	0.0	0.6	428.3	437.3	.	.	388.4
Turkey	220	220	27.0	73.0	0.0	0.0	0.0	478.9	449.8	.	.	.
United Arab Emirates	746	678	71.4	28.6	7.8	0.0	0.4	465.6	465.5	456.4	.	447.9
United States	429	366	64.6	35.4	13.6	0.0	1.0	519.5	516.2	516.7	.	537.8
International Avg. (39)	12055	11260	49.6	50.4	3.6	0.0	1.2	484.7	479.9	490.5	.	463.5
Buenos Aires, Argentina	138	60	61.6	38.4	57.3	0.0	0.3	388.0	392.4	400.5	.	471.1
Ontario, Canada	217	179	60.5	39.5	13.2	0.0	4.1	524.3	523.5	510.3	.	526.9
Quebec, Canada	175	161	70.5	29.5	7.9	0.0	0.0	550.7	546.0	474.1	.	.
Norway (8)	239	212	35.5	64.5	8.8	0.0	1.0	485.8	488.2	482.5	.	474.0
Abu Dhabi, UAE	207	183	61.1	38.9	11.4	0.0	0.0	436.5	448.8	444.7	.	.
Dubai, UAE	267	250	82.9	17.1	3.8	0.0	0.5	510.5	524.0	487.9	.	508.1
Florida, US	110	78	66.8	33.2	24.8	0.0	0.9	499.7	510.3	469.7	.	337.8

Question: In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or problem solving skills
Location: TQM-24e (BTBM24E)

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	941	770	48.9	51.1	9.3	0.0	3.1	503.6	512.3	476.4	.	502.0
Bahrain	201	197	60.2	39.8	1.0	0.0	1.8	456.2	449.5	452.8	.	477.3
Botswana	169	155	30.9	69.1	5.5	0.0	0.1	388.2	392.5	383.2	.	523.8
Canada	409	358	63.9	36.1	10.5	0.0	2.1	524.9	539.7	501.6	.	531.3
Chile	173	147	29.9	70.1	9.4	0.0	3.6	433.9	427.4	406.3	.	436.2
Chinese Taipei	216	216	40.2	59.8	0.0	0.0	0.0	597.7	600.1	.	.	.
Egypt	215	210	54.9	45.1	0.7	0.0	2.1	401.3	383.7	428.8	.	327.0
England	215	182	43.1	56.9	13.1	0.0	0.8	510.7	523.3	525.4	.	444.9
Georgia	188	181	40.1	59.9	0.0	0.0	4.7	455.5	452.1	.	.	447.7
Hong Kong SAR	175	172	41.7	58.3	1.8	0.0	0.8	588.8	597.2	615.8	.	618.0
Hungary	278	268	18.0	82.0	3.4	0.0	0.4	517.1	513.6	518.2	.	518.0
Iran, Islamic Rep. of	251	248	42.0	58.0	0.0	0.0	1.2	436.6	437.1	.	.	393.7
Ireland	526	482	70.6	29.4	7.1	0.0	0.5	522.7	522.5	535.6	.	518.2
Israel	603	530	42.2	57.8	6.6	0.0	3.1	517.4	508.3	513.3	.	468.5
Italy	230	216	24.6	75.4	4.6	0.0	0.0	489.2	494.9	512.6	.	.
Japan	231	229	29.7	70.3	0.3	0.0	0.8	580.2	588.8	571.1	.	621.3
Jordan	260	253	49.0	51.0	0.0	0.0	4.7	385.5	384.8	.	.	393.7
Kazakhstan	239	236	74.5	25.5	0.4	0.0	0.6	523.1	539.9	518.8	.	602.9
Korea, Rep. of	317	317	34.3	65.7	0.0	0.0	0.0	603.4	606.9	.	.	.
Kuwait	191	188	56.5	43.5	1.4	0.0	0.6	390.7	394.9	401.3	.	366.4
Lebanon	185	174	52.9	47.1	2.3	0.0	4.8	441.7	445.7	451.2	.	416.3
Lithuania	269	255	52.9	47.1	4.8	0.0	1.5	514.1	506.6	524.4	.	514.9
Malaysia	326	301	69.8	30.2	6.2	0.0	1.7	463.2	472.1	455.7	.	467.3
Malta	224	210	32.6	67.4	4.9	0.0	0.8	488.1	498.0	478.6	.	443.1
Morocco	373	353	14.0	86.0	2.3	0.0	1.4	389.3	383.3	384.9	.	400.5
New Zealand	489	466	37.2	62.8	3.8	0.0	0.3	495.7	492.2	472.4	.	506.9
Norway	239	213	11.9	88.1	8.6	0.0	1.5	511.5	513.1	498.7	.	503.3
Oman	356	354	41.0	59.0	0.0	0.0	0.3	408.4	399.6	.	.	397.4
Qatar	250	245	58.9	41.1	0.4	0.0	0.8	437.1	436.9	546.5	.	391.0
Russian Federation	226	226	42.0	58.0	0.0	0.0	0.0	538.5	537.6	.	.	.
Saudi Arabia	149	147	43.5	56.5	0.6	0.0	0.9	370.5	364.8	448.5	.	365.1
Singapore	334	330	55.0	45.0	1.7	0.0	0.0	626.1	612.3	681.7	.	.
Slovenia	467	436	36.5	63.5	5.3	0.0	1.1	519.6	514.8	512.4	.	516.9
South Africa	334	321	55.9	44.1	0.9	0.0	1.7	367.9	377.8	415.1	.	351.3
Sweden	206	200	52.4	47.6	1.8	0.0	0.4	501.6	499.1	510.0	.	544.6
Thailand	205	203	57.0	43.0	0.0	0.0	1.3	432.1	431.9	.	.	390.0
Turkey	220	220	26.0	74.0	0.0	0.0	0.0	464.8	455.1	.	.	.
United Arab Emirates	746	675	70.5	29.5	7.8	0.0	0.8	462.8	472.2	456.4	.	456.2
United States	429	366	62.3	37.7	13.6	0.0	1.0	515.1	523.6	516.7	.	537.8
International Avg. (39)	12055	11250	45.3	54.7	3.6	0.0	1.3	481.4	482.2	490.5	.	466.5
Buenos Aires, Argentina	138	60	37.6	62.4	57.3	0.0	0.3	384.4	392.9	400.5	.	471.1
Ontario, Canada	217	180	80.9	19.1	13.2	0.0	3.5	524.5	521.0	510.3	.	531.3
Quebec, Canada	175	161	30.4	69.6	7.9	0.0	0.0	540.9	553.0	474.1	.	.
Norway (8)	239	212	11.3	88.7	8.8	0.0	1.0	490.0	487.0	482.5	.	474.0
Abu Dhabi, UAE	207	182	71.3	28.7	11.4	0.0	0.3	440.2	444.2	444.7	.	423.1
Dubai, UAE	267	248	76.0	24.0	3.8	0.0	1.3	508.9	526.4	487.9	.	493.2
Florida, US	110	78	66.9	33.1	24.8	0.0	0.9	499.9	509.8	469.7	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, have you participated in professional development in any of the following? Mathematics assessment
Location: TQM-24f (BTBM24F)

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	941	771	47.4	52.6	9.3	0.0	3.1	497.7	517.3	476.4	.	504.1
Bahrain	201	197	57.9	42.1	1.0	0.0	1.8	456.5	449.5	452.8	.	477.3
Botswana	169	155	39.1	60.9	5.5	0.0	0.1	391.1	391.2	383.2	.	523.8
Canada	409	356	48.9	51.1	10.5	0.0	2.8	528.3	532.4	501.6	.	527.2
Chile	173	148	21.6	78.4	9.4	0.0	3.4	434.6	428.2	406.3	.	430.3
Chinese Taipei	216	216	65.2	34.8	0.0	0.0	0.0	600.0	597.5	.	.	.
Egypt	215	209	47.0	53.0	0.7	0.0	1.9	397.1	388.3	428.8	.	367.9
England	215	183	42.7	57.3	13.1	0.0	0.6	511.1	522.5	525.4	.	451.5
Georgia	188	179	33.7	66.3	0.0	0.0	5.4	461.0	450.2	.	.	441.7
Hong Kong SAR	175	172	42.4	57.6	1.8	0.0	0.8	601.0	588.2	615.8	.	618.0
Hungary	278	268	20.4	79.6	3.4	0.0	0.4	519.9	512.8	518.2	.	518.0
Iran, Islamic Rep. of	251	249	39.5	60.5	0.0	0.0	0.8	431.7	439.7	.	.	413.2
Ireland	526	485	40.5	59.5	7.1	0.0	0.0	517.7	525.9	535.6	.	.
Israel	603	529	33.9	66.1	6.6	0.0	3.3	509.3	513.8	513.3	.	467.5
Italy	230	216	23.5	76.5	4.6	0.0	0.0	493.6	493.5	512.6	.	.
Japan	231	230	23.3	76.7	0.3	0.0	0.0	581.1	588.2	571.1	.	.
Jordan	260	254	26.1	73.9	0.0	0.0	4.0	380.8	385.2	.	.	422.4
Kazakhstan	239	236	65.8	34.2	0.4	0.0	0.6	529.4	523.6	518.8	.	602.9
Korea, Rep. of	317	317	46.1	53.9	0.0	0.0	0.0	608.2	603.6	.	.	.
Kuwait	191	189	49.7	50.3	1.4	0.0	0.0	393.8	390.9	401.3	.	.
Lebanon	185	174	56.8	43.2	2.3	0.0	4.8	444.8	441.9	451.2	.	416.3
Lithuania	269	255	68.2	31.8	4.8	0.0	1.5	512.2	507.2	524.4	.	514.9
Malaysia	326	304	55.7	44.3	6.2	0.0	0.4	475.8	453.9	455.7	.	434.0
Malta	224	208	41.1	58.9	5.6	0.0	1.3	485.6	500.7	482.2	.	475.0
Morocco	373	352	23.7	76.3	2.3	0.0	1.7	385.4	383.6	384.9	.	405.0
New Zealand	489	466	50.6	49.4	3.8	0.0	0.3	494.8	492.2	472.4	.	506.9
Norway	239	213	22.1	77.9	8.6	0.0	1.5	506.7	514.7	498.7	.	503.3
Oman	356	354	35.8	64.2	0.0	0.0	0.4	406.1	401.4	.	.	420.6
Qatar	250	244	61.8	38.2	0.4	0.0	1.1	436.8	436.8	546.5	.	422.5
Russian Federation	226	226	51.0	49.0	0.0	0.0	0.0	538.0	538.0	.	.	.
Saudi Arabia	149	145	32.7	67.3	0.6	0.0	2.2	361.2	370.3	448.5	.	362.7
Singapore	334	330	51.2	48.8	1.7	0.0	0.0	627.5	611.9	681.7	.	.
Slovenia	467	436	40.0	60.0	5.3	0.0	1.1	516.1	516.9	512.4	.	516.9
South Africa	334	322	73.1	26.9	0.9	0.0	1.7	369.5	380.2	415.1	.	346.9
Sweden	206	198	51.5	48.5	1.8	0.0	1.7	500.9	500.0	510.0	.	505.1
Thailand	205	204	49.7	50.3	0.0	0.0	0.6	429.1	434.2	.	.	388.4
Turkey	220	220	32.6	67.4	0.0	0.0	0.0	464.1	454.5	.	.	.
United Arab Emirates	746	674	58.6	41.4	7.8	0.0	1.1	456.2	479.9	456.4	.	419.6
United States	429	366	60.6	39.4	13.6	0.0	1.0	514.6	524.1	516.7	.	537.8
International Avg. (39)	12055	11250	44.4	55.6	3.6	0.0	1.3	481.3	481.7	490.6	.	464.7
Buenos Aires, Argentina	138	60	21.7	78.3	57.3	0.0	0.3	397.6	387.5	400.5	.	471.1
Ontario, Canada	217	178	53.1	46.9	13.2	0.0	4.6	526.5	521.1	510.3	.	527.2
Quebec, Canada	175	161	39.4	60.6	7.9	0.0	0.0	544.5	552.4	474.1	.	.
Norway (8)	239	212	20.2	79.8	8.8	0.0	1.0	495.4	485.3	482.5	.	474.0
Abu Dhabi, UAE	207	181	50.3	49.7	11.4	0.0	1.2	432.3	452.3	444.7	.	374.0
Dubai, UAE	267	248	59.0	41.0	3.8	0.0	1.1	501.7	529.6	487.9	.	483.0
Florida, US	110	78	65.7	34.3	24.8	0.0	0.9	498.3	512.5	469.7	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs
Location: TQM-24g (BTBM24G)

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	941	770	57.8	42.2	9.3	0.0	3.4	501.1	518.2	476.4	.	497.6
Bahrain	201	197	63.6	36.4	1.0	0.0	1.8	456.3	448.7	452.8	.	477.3
Botswana	169	155	32.6	67.4	5.5	0.0	0.1	391.6	391.0	383.2	.	523.8
Canada	409	358	57.4	42.6	10.5	0.0	2.1	531.1	529.1	501.6	.	531.3
Chile	173	148	17.9	82.1	9.4	0.0	3.4	424.2	430.7	406.3	.	430.3
Chinese Taipei	216	216	45.7	54.3	0.0	0.0	0.0	601.3	597.3	.	.	.
Egypt	215	210	55.9	44.1	0.7	0.0	1.8	395.5	388.6	428.8	.	363.9
England	215	183	47.7	52.3	13.1	0.0	0.6	507.0	527.3	525.4	.	451.5
Georgia	188	180	35.1	64.9	0.0	0.0	4.8	463.1	448.9	.	.	439.0
Hong Kong SAR	175	171	50.5	49.5	1.8	0.0	1.3	595.9	592.1	615.8	.	581.5
Hungary	278	268	22.3	77.7	3.4	0.0	0.4	503.6	517.3	518.2	.	518.0
Iran, Islamic Rep. of	251	250	35.7	64.3	0.0	0.0	0.2	428.3	440.9	.	.	413.1
Ireland	526	484	35.1	64.9	7.1	0.0	0.1	516.4	525.9	535.6	.	528.0
Israel	603	529	51.5	48.5	6.6	0.0	3.5	493.8	530.5	513.3	.	488.1
Italy	230	216	45.3	54.7	4.6	0.0	0.0	497.8	490.0	512.6	.	.
Japan	231	229	37.3	62.7	0.3	0.0	0.6	583.4	588.4	571.1	.	581.6
Jordan	260	255	41.8	58.2	0.0	0.0	3.7	389.1	382.3	.	.	396.3
Kazakhstan	239	236	66.4	33.6	0.4	0.0	0.6	529.0	524.2	518.8	.	602.9
Korea, Rep. of	317	317	38.1	61.9	0.0	0.0	0.0	604.4	606.6	.	.	.
Kuwait	191	189	56.6	43.4	1.4	0.0	0.0	393.6	390.7	401.3	.	.
Lebanon	185	173	47.1	52.9	2.3	0.0	5.0	442.8	444.5	451.2	.	414.9
Lithuania	269	254	49.6	50.4	4.8	0.0	2.2	508.4	512.5	524.4	.	518.4
Malaysia	326	301	32.6	67.4	6.2	0.0	1.9	476.4	462.1	455.7	.	424.6
Malta	224	210	44.0	56.0	4.9	0.0	0.8	494.1	495.3	478.6	.	443.1
Morocco	373	357	12.9	87.1	2.3	0.0	1.2	390.3	383.2	384.9	.	406.7
New Zealand	489	466	47.8	52.2	3.8	0.0	0.3	494.9	492.2	472.4	.	506.9
Norway	239	213	12.4	87.6	8.6	0.0	1.5	503.5	514.2	498.7	.	503.3
Oman	356	354	27.0	73.0	0.0	0.0	0.2	416.9	398.1	.	.	385.7
Qatar	250	245	64.2	35.8	0.4	0.0	0.8	438.7	433.9	546.5	.	391.0
Russian Federation	226	226	51.0	49.0	0.0	0.0	0.0	537.0	539.0	.	.	.
Saudi Arabia	149	147	40.0	60.0	0.6	0.0	0.9	370.0	365.5	448.5	.	365.1
Singapore	334	330	38.0	62.0	1.7	0.0	0.0	611.6	625.0	681.7	.	.
Slovenia	467	436	34.6	65.4	5.3	0.0	1.1	511.8	519.1	512.4	.	516.9
South Africa	334	323	51.7	48.3	0.9	0.0	1.5	370.6	374.8	415.1	.	331.0
Sweden	206	199	24.6	75.4	1.8	0.0	0.8	502.0	499.8	510.0	.	530.1
Thailand	205	204	30.8	69.2	0.0	0.0	0.6	417.1	438.2	.	.	388.4
Turkey	220	219	20.8	79.2	0.0	0.0	0.5	469.9	454.6	.	.	430.0
United Arab Emirates	746	675	68.0	32.0	7.8	0.0	1.0	462.2	473.2	456.4	.	443.5
United States	429	365	58.7	41.3	13.6	0.0	1.0	509.6	530.8	516.7	.	536.1
International Avg. (39)	12055	11258	42.3	57.7	3.6	0.0	1.3	480.4	482.7	490.5	.	465.5
Buenos Aires, Argentina	138	60	30.2	69.8	57.3	0.0	0.3	402.7	384.1	400.5	.	471.1
Ontario, Canada	217	180	61.0	39.0	13.2	0.0	3.5	525.9	520.6	510.3	.	531.3
Quebec, Canada	175	161	56.6	43.4	7.9	0.0	0.0	544.2	556.0	474.1	.	.
Norway (8)	239	212	11.3	88.7	8.8	0.0	1.0	491.0	486.9	482.5	.	474.0
Abu Dhabi, UAE	207	182	74.4	25.6	11.4	0.0	0.3	432.4	467.4	444.7	.	423.1
Dubai, UAE	267	249	66.8	33.2	3.8	0.0	0.8	513.5	512.9	487.9	.	449.5
Florida, US	110	78	67.3	32.7	24.8	0.0	0.9	494.4	521.2	469.7	.	337.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, how many hours in total have you spent in formal <in-service/professional development> for mathematics?
Location: TQM-25 (BTBM25)

Country	Sample	Valid N	1.None %	2.Less than 6 hours %	3.6-15 hours %	4.16-35 hours %	5.More than 35 hours %	Not Administered %	Not Applicable %	Omitted %
Australia	941	770	12.0	23.5	25.0	25.6	13.9	9.3	0.0	2.6
Bahrain	201	198	11.5	6.5	17.2	25.5	39.2	1.0	0.0	0.7
Botswana	169	154	32.4	14.3	13.3	11.3	28.7	5.5	0.0	1.7
Canada	409	359	6.8	22.4	31.3	25.6	13.8	10.5	0.0	2.0
Chile	173	146	28.9	15.2	16.0	16.5	23.4	9.4	0.0	4.3
Chinese Taipei	216	216	3.5	19.7	38.0	25.2	13.7	0.0	0.0	0.0
Egypt	215	211	16.1	31.0	27.5	15.6	9.8	0.7	0.0	1.4
England	215	184	9.5	23.3	30.9	23.7	12.6	13.1	0.0	0.0
Georgia	188	179	12.8	11.9	31.6	22.6	21.1	0.0	0.0	4.8
Hong Kong SAR	175	173	6.6	28.4	35.2	14.5	15.3	1.8	0.0	0.0
Hungary	278	268	26.2	12.5	19.7	16.0	25.6	3.4	0.0	0.4
Iran, Islamic Rep. of	251	251	3.7	6.3	5.4	19.6	64.9	0.0	0.0	0.0
Ireland	526	483	2.7	10.8	34.6	34.9	17.1	7.1	0.0	0.3
Israel	603	529	9.0	6.5	13.2	20.2	51.1	6.6	0.0	3.4
Italy	230	215	29.2	12.6	25.4	20.0	12.8	4.6	0.0	0.7
Japan	231	230	25.6	23.5	29.2	16.8	5.0	0.3	0.0	0.0
Jordan	260	256	39.3	19.7	19.2	9.1	12.7	0.0	0.0	2.3
Kazakhstan	239	236	6.3	9.0	8.8	15.1	60.9	0.4	0.0	1.2
Korea, Rep. of	317	317	16.4	31.9	11.8	19.1	20.8	0.0	0.0	0.0
Kuwait	191	187	9.2	27.0	36.9	15.4	11.5	1.4	0.0	0.7
Lebanon	185	173	23.5	14.1	27.7	19.4	15.3	2.3	0.0	4.3
Lithuania	269	257	2.8	5.6	32.7	34.4	24.5	4.8	0.0	0.1
Malaysia	326	302	8.3	14.2	34.6	20.3	22.6	6.2	0.0	1.7
Malta	224	211	14.1	22.1	28.2	25.2	10.4	4.9	0.0	0.5
Morocco	373	350	47.3	28.7	11.6	7.4	5.0	2.6	0.0	2.4
New Zealand	489	467	13.8	22.7	32.9	17.8	12.8	3.8	0.0	0.3
Norway	239	214	31.2	20.0	30.2	8.7	9.8	8.6	0.0	1.1
Oman	356	353	12.7	12.6	30.6	28.6	15.5	0.0	0.0	0.2
Qatar	250	242	7.8	10.6	25.4	25.0	31.3	0.4	0.0	2.6
Russian Federation	226	225	1.2	4.9	12.7	14.1	67.1	0.0	0.0	2.0
Saudi Arabia	149	148	11.1	18.5	35.6	20.8	14.1	0.6	0.0	0.0
Singapore	334	330	3.0	14.1	34.1	25.4	23.3	1.7	0.0	0.0
Slovenia	467	436	7.4	9.5	32.1	39.2	11.8	5.3	0.0	1.1
South Africa	334	325	5.4	16.6	26.7	15.5	35.9	0.9	0.0	1.0
Sweden	206	198	16.5	11.6	20.2	21.9	29.7	1.8	0.0	1.2
Thailand	205	204	10.9	15.9	35.8	22.4	15.1	0.0	0.0	0.6
Turkey	220	220	52.2	23.4	13.8	6.3	4.4	0.0	0.0	0.0
United Arab Emirates	746	673	10.1	10.3	25.7	22.1	31.8	7.8	0.0	1.0
United States	429	366	5.6	9.4	28.0	30.5	26.4	13.6	0.0	0.9
International Avg. (39)	12055	11256	15.2	16.4	25.4	20.4	22.6	3.6	0.0	1.2
Buenos Aires, Argentina	138	60	10.3	14.1	24.0	12.0	39.6	57.3	0.0	0.3
Ontario, Canada	217	181	3.4	21.0	28.5	28.6	18.5	13.2	0.0	3.3
Quebec, Canada	175	161	12.1	24.9	34.5	20.7	7.8	7.9	0.0	0.0
Norway (8)	239	212	27.9	18.3	30.9	11.7	11.2	8.8	0.0	1.2
Abu Dhabi, UAE	207	180	14.3	6.8	18.7	29.5	30.6	11.4	0.0	1.1
Dubai, UAE	267	250	3.7	10.8	37.4	23.5	24.7	3.8	0.0	0.5
Florida, US	110	78	6.4	11.1	15.4	28.2	39.0	24.8	0.0	0.9

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: In the past two years, how many hours in total have you spent in formal <in-service/professional development> for mathematics?
Location: TQM-25 (BTBM25)

Country	Sample	Valid N	1.None Mean	2.Less than 6 hours Mean	3.6-15 hours Mean	4.16-35 hours Mean	5.More than 35 hours Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	770	499.8	507.1	516.2	514.3	493.5	476.4	.	488.6
Bahrain	201	198	469.9	490.5	469.2	444.6	443.0	452.8	.	430.7
Botswana	169	154	386.2	399.4	396.3	397.4	389.7	383.2	.	368.6
Canada	409	359	535.0	533.0	532.2	531.1	517.2	501.6	.	532.9
Chile	173	146	427.3	426.9	431.1	432.9	431.7	406.3	.	425.9
Chinese Taipei	216	216	617.4	597.7	597.7	588.6	619.7	.	.	.
Egypt	215	211	379.0	391.2	395.9	406.1	386.2	428.8	.	361.7
England	215	184	521.7	517.8	514.2	513.4	527.0	525.4	.	.
Georgia	188	179	445.6	439.8	457.9	465.0	451.8	.	.	427.8
Hong Kong SAR	175	173	587.6	595.1	588.8	584.9	614.3	615.8	.	.
Hungary	278	268	504.2	500.5	506.5	503.5	543.9	518.2	.	518.0
Iran, Islamic Rep. of	251	251	428.0	421.1	429.7	436.7	438.8	.	.	.
Ireland	526	483	521.2	511.9	526.2	524.2	518.8	535.6	.	536.4
Israel	603	529	502.3	530.2	505.6	518.2	510.1	513.3	.	483.6
Italy	230	215	489.3	487.8	494.3	501.9	494.0	512.6	.	497.4
Japan	231	230	586.7	590.8	574.7	598.1	595.6	571.1	.	.
Jordan	260	256	384.7	388.2	394.9	384.7	367.3	.	.	403.4
Kazakhstan	239	236	518.6	546.7	565.1	513.1	525.5	518.8	.	469.5
Korea, Rep. of	317	317	602.6	605.8	607.7	611.5	601.6	.	.	.
Kuwait	191	187	380.4	402.5	392.4	374.3	403.6	401.3	.	365.9
Lebanon	185	173	434.0	441.3	449.6	458.3	434.4	451.2	.	400.2
Lithuania	269	257	529.5	500.4	505.0	521.6	503.0	524.4	.	521.3
Malaysia	326	302	450.5	478.2	462.2	456.8	479.6	455.7	.	445.0
Malta	224	211	496.3	508.9	493.6	484.0	488.7	478.6	.	476.7
Morocco	373	350	383.1	383.9	389.4	384.9	390.3	374.9	.	388.6
New Zealand	489	467	466.8	499.5	493.8	510.4	487.2	472.4	.	507.0
Norway	239	214	511.9	508.6	521.9	514.1	496.3	498.7	.	499.1
Oman	356	353	412.6	405.8	409.8	400.0	386.7	.	.	339.2
Qatar	250	242	455.6	462.2	436.2	442.7	423.1	546.5	.	386.3
Russian Federation	226	225	620.1	529.7	513.7	523.3	543.7	.	.	575.4
Saudi Arabia	149	148	374.9	356.3	366.7	361.7	385.2	448.5	.	.
Singapore	334	330	656.3	614.2	619.3	613.8	626.2	681.7	.	.
Slovenia	467	436	505.9	518.9	515.4	518.2	518.9	512.4	.	516.9
South Africa	334	325	379.6	383.2	367.2	366.2	373.0	415.1	.	322.6
Sweden	206	198	493.3	500.9	498.7	509.5	498.3	510.0	.	521.1
Thailand	205	204	424.6	404.5	427.5	451.5	446.0	.	.	388.4
Turkey	220	220	456.7	462.1	447.7	448.3	490.3	.	.	.
United Arab Emirates	746	673	473.3	478.3	486.9	482.7	430.7	456.4	.	430.9
United States	429	366	510.6	534.7	519.4	513.4	518.4	516.7	.	548.0
International Avg. (39)	12055	11256	482.6	483.5	482.6	482.2	481.9	490.2	.	452.6
Buenos Aires, Argentina	138	60	368.3	386.1	395.1	404.1	388.9	400.5	.	471.1
Ontario, Canada	217	181	511.1	530.8	523.3	525.5	516.2	510.3	.	532.9
Quebec, Canada	175	161	555.8	545.1	550.7	555.6	529.6	474.1	.	.
Norway (8)	239	212	485.3	492.9	481.6	489.8	495.6	482.5	.	485.1
Abu Dhabi, UAE	207	180	459.3	447.8	457.9	465.1	399.2	444.7	.	417.3
Dubai, UAE	267	250	553.0	521.4	513.5	532.6	483.1	487.9	.	508.1
Florida, US	110	78	532.3	509.1	479.1	519.5	494.4	469.7	.	337.8

Question: How well prepared do you feel you are to teach the following mathematics topics? Number: Computing with whole numbers
Location: TQM-26Aa (BTBM26AA)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	10.6	86.6	2.8	0.0	9.5	0.0	3.1	509.7	508.8	494.8	424.6	477.2	.	491.5
Bahrain	201	196	11.5	81.4	6.6	0.5	1.0	0.0	3.2	440.8	456.4	458.9	442.4	452.8	.	430.8
Botswana	169	153	11.3	87.3	1.5	0.0	5.5	0.0	1.4	375.2	393.6	398.6	.	383.2	.	370.5
Canada	409	359	9.6	86.6	3.7	0.0	10.5	0.0	1.7	553.4	528.4	513.1	415.7	501.6	.	531.3
Chile	173	152	6.3	92.0	1.2	0.5	9.4	0.0	1.8	462.7	428.9	384.1	411.6	406.3	.	392.4
Chinese Taipei	216	215	47.8	50.5	1.7	0.0	0.0	0.0	0.4	600.8	597.0	610.2	.	.	.	611.7
Egypt	215	212	22.7	73.6	3.7	0.0	0.7	0.0	0.8	395.8	391.6	376.0	.	428.8	.	393.2
England	215	184	6.0	92.4	1.1	0.5	13.1	0.0	0.0	549.7	516.0	467.5	455.6	525.4	.	.
Georgia	188	180	10.5	86.4	3.1	0.0	0.0	0.0	4.0	470.1	450.4	470.6	.	.	.	455.2
Hong Kong SAR	175	171	49.7	42.3	8.1	0.0	1.8	0.0	0.5	593.7	594.8	591.0	.	615.8	.	579.6
Hungary	278	268	6.1	84.4	9.0	0.5	3.4	0.0	0.4	567.0	512.3	499.9	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	251	7.4	89.1	3.5	0.0	0.0	0.0	0.0	437.0	435.8	448.1	.	.	.	.
Ireland	526	478	14.9	83.1	2.0	0.0	7.1	0.0	0.8	516.9	524.4	485.2	.	535.6	.	529.7
Israel	603	530	25.4	72.7	1.9	0.0	6.6	0.0	3.1	526.8	508.3	455.7	554.2	513.3	.	471.6
Italy	230	216	8.5	81.3	9.4	0.7	4.6	0.0	0.0	498.7	493.1	490.5	517.4	512.6	.	.
Japan	231	228	46.9	38.7	14.0	0.3	0.3	0.0	0.5	592.9	578.5	586.6	625.7	571.1	.	577.9
Jordan	260	257	19.7	72.6	6.6	1.0	0.0	0.0	0.9	379.0	386.4	392.0	422.6	.	.	370.4
Kazakhstan	239	228	11.9	86.7	0.9	0.6	0.4	0.0	4.9	529.7	528.6	577.0	417.3	518.8	.	514.7
Korea, Rep. of	317	317	54.8	37.5	7.7	0.1	0.0	0.0	0.0	607.8	606.0	589.4	630.6	.	.	.
Kuwait	191	188	25.7	73.8	0.5	0.0	1.4	0.0	0.5	379.9	396.8	363.2	.	401.3	.	407.6
Lebanon	185	173	8.9	81.4	5.3	4.4	2.3	0.0	3.7	435.5	445.9	445.4	407.2	451.2	.	414.8
Lithuania	269	256	9.6	88.1	2.3	0.0	4.8	0.0	0.2	487.1	512.6	533.6	.	524.4	.	510.8
Malaysia	326	302	3.0	93.2	3.7	0.0	6.2	0.0	0.8	478.2	466.4	451.1	544.2	455.7	.	440.6
Malta	224	211	17.9	79.3	2.8	0.0	4.9	0.0	0.5	508.3	489.6	541.7	.	478.6	.	476.7
Morocco	373	360	18.0	74.4	5.9	1.6	2.3	0.0	1.0	388.5	383.4	386.4	354.3	384.9	.	419.4
New Zealand	489	467	2.0	90.7	6.3	1.0	3.8	0.0	0.2	497.1	496.0	472.4	403.4	472.4	.	462.2
Norway	239	213	2.9	96.0	1.1	0.0	8.6	0.0	1.4	502.9	513.6	485.4	.	498.7	.	501.1
Oman	356	351	19.6	72.3	7.9	0.2	0.0	0.0	1.0	392.4	407.2	398.4	279.5	.	.	388.8
Qatar	250	244	14.2	81.8	3.8	0.2	0.4	0.0	1.0	443.0	436.1	428.5	491.2	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	12.9	83.3	3.9	0.0	0.6	0.0	0.0	366.5	369.0	332.0	.	448.5	.	.
Singapore	334	328	35.8	59.7	4.5	0.0	1.7	0.0	0.7	636.4	611.3	597.7	.	681.7	.	660.1
Slovenia	467	436	0.5	96.0	3.5	0.0	5.3	0.0	1.1	484.2	517.7	489.2	.	512.4	.	516.9
South Africa	334	314	5.0	88.6	3.2	3.2	0.9	0.0	7.2	387.2	376.0	346.7	349.3	415.1	.	335.3
Sweden	206	197	3.1	90.7	6.2	0.0	1.8	0.0	1.4	493.2	502.7	470.1	.	510.0	.	514.0
Thailand	205	203	20.9	42.8	34.5	1.8	0.0	0.0	1.1	440.8	429.4	430.4	409.6	.	.	395.1
Turkey	220	220	46.9	47.7	0.9	4.5	0.0	0.0	0.0	451.5	461.1	379.6	499.9	.	.	.
United Arab Emirates	746	671	13.8	84.6	1.2	0.4	7.8	0.0	1.2	447.3	468.9	421.5	520.6	456.4	.	458.2
United States	429	367	31.8	65.8	2.1	0.2	13.6	0.0	0.7	523.0	517.3	470.0	551.5	516.7	.	561.5
International Avg. (38)	12055	11011	17.7	76.7	5.0	0.6	3.7	0.0	1.3	482.9	480.0	466.7	460.5	490.5	.	472.3
Buenos Aires, Argentina	138	60	0.0	99.5	0.0	0.5	57.3	0.0	0.3	.	389.6	.	411.8	400.5	.	471.1
Ontario, Canada	217	181	2.4	93.9	3.7	0.0	13.2	0.0	2.8	514.6	523.9	530.0	.	510.3	.	531.3
Quebec, Canada	175	161	24.0	75.8	0.1	0.0	7.9	0.0	0.0	562.2	545.3	524.9	415.7	474.1	.	.
Norway (8)	239	213	0.9	98.8	0.3	0.0	8.8	0.0	0.8	483.7	487.3	500.2	.	482.5	.	472.5
Abu Dhabi, UAE	207	180	16.0	81.4	2.2	0.3	11.4	0.0	2.0	413.7	445.7	426.4	431.9	444.7	.	491.9
Dubai, UAE	267	250	13.0	86.1	0.3	0.6	3.8	0.0	0.3	500.9	514.2	438.1	633.9	487.9	.	469.8
Florida, US	110	77	40.6	58.6	0.8	0.0	24.8	0.0	1.2	518.7	494.2	434.9	.	469.7	.	362.5

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How well prepared do you feel you are to teach the following mathematics topics? Number: Comparing and ordering rational numbers
Location: TQM-26Ab (BTBM26AB)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	766	6.5	90.1	3.2	0.1	9.5	0.0	3.1	501.6	510.3	474.5	437.2	477.2	.	491.5
Bahrain	201	197	4.0	92.7	2.8	0.5	1.0	0.0	2.3	434.7	456.0	445.7	442.4	452.8	.	416.5
Botswana	169	154	19.2	76.8	3.5	0.5	5.5	0.0	0.7	381.8	394.4	378.7	407.5	383.2	.	353.7
Canada	409	359	8.7	85.2	5.7	0.4	10.5	0.0	1.7	550.5	528.8	521.2	531.7	501.6	.	531.3
Chile	173	152	4.2	88.6	5.5	1.7	9.4	0.0	1.8	467.7	432.7	372.5	398.9	406.3	.	392.4
Chinese Taipei	216	215	38.5	57.1	4.5	0.0	0.0	0.0	0.4	598.2	598.6	612.3	.	.	.	611.7
Egypt	215	213	24.3	70.7	5.1	0.0	0.7	0.0	0.7	392.2	393.6	368.6	.	428.8	.	382.4
England	215	183	4.5	90.9	4.1	0.5	13.1	0.0	0.3	562.2	516.5	487.9	455.6	525.4	.	532.2
Georgia	188	180	10.1	87.3	2.5	0.0	0.0	0.0	4.0	470.1	450.6	471.1	.	.	.	455.2
Hong Kong SAR	175	172	38.8	50.3	10.9	0.0	1.8	0.0	0.2	596.8	590.3	600.6	.	615.8	.	550.5
Hungary	278	268	6.1	83.0	10.4	0.5	3.4	0.0	0.4	568.9	513.2	493.3	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	251	1.6	93.2	5.1	0.0	0.0	0.0	0.0	426.7	437.0	428.4	.	.	.	.
Ireland	526	478	13.8	83.1	3.2	0.0	7.1	0.0	1.0	516.3	524.4	497.6	.	535.6	.	532.1
Israel	603	529	26.4	69.9	3.5	0.2	6.6	0.0	3.2	526.6	507.9	482.9	550.5	513.3	.	472.5
Italy	230	216	7.3	82.3	9.7	0.7	4.6	0.0	0.0	502.0	493.2	487.9	517.4	512.6	.	.
Japan	231	228	48.0	35.1	16.5	0.3	0.3	0.0	0.5	591.1	580.8	584.8	625.7	571.1	.	577.9
Jordan	260	257	22.0	71.4	5.6	1.0	0.0	0.0	0.9	377.3	387.7	386.5	422.6	.	.	370.4
Kazakhstan	239	228	10.9	87.8	1.3	0.0	0.4	0.0	4.9	545.5	526.2	540.8	.	518.8	.	514.7
Korea, Rep. of	317	317	35.1	55.2	9.6	0.1	0.0	0.0	0.0	608.5	605.8	595.1	630.6	.	.	.
Kuwait	191	188	2.9	92.8	4.3	0.0	1.4	0.0	0.5	349.5	394.6	371.3	.	401.3	.	407.6
Lebanon	185	173	7.5	75.9	11.8	4.8	2.3	0.0	3.7	438.4	445.9	440.2	416.7	451.2	.	414.8
Lithuania	269	256	9.9	87.8	2.3	0.0	4.8	0.0	0.2	486.9	512.7	535.4	.	524.4	.	510.8
Malaysia	326	302	3.5	92.4	4.1	0.0	6.2	0.0	0.8	486.6	466.1	450.2	544.2	455.7	.	440.6
Malta	224	211	15.8	81.2	3.0	0.0	4.9	0.0	0.5	512.3	490.1	516.8	.	478.6	.	476.7
Morocco	373	359	9.7	85.5	3.9	1.0	2.3	0.0	1.0	386.9	384.3	375.1	363.4	384.9	.	419.3
New Zealand	489	466	1.1	89.8	8.3	0.8	3.8	0.0	0.4	476.4	496.6	468.9	438.0	472.4	.	465.6
Norway	239	213	2.8	94.5	2.6	0.0	8.6	0.0	1.3	493.1	513.9	497.7	.	498.7	.	500.8
Oman	356	355	8.0	88.7	3.3	0.0	0.0	0.0	0.2	399.3	404.1	393.4	.	.	.	269.1
Qatar	250	244	7.7	88.9	3.4	0.0	0.4	0.0	1.0	471.6	433.4	449.7	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	5.1	91.9	2.8	0.2	0.6	0.0	0.0	342.0	366.8	430.3	319.8	448.5	.	.
Singapore	334	328	35.5	60.5	4.0	0.0	1.7	0.0	0.7	634.8	612.5	593.6	.	681.7	.	660.1
Slovenia	467	435	1.6	94.0	4.4	0.0	5.3	0.0	1.3	514.4	517.7	493.2	.	512.4	.	518.8
South Africa	334	319	2.5	89.5	7.1	0.9	0.9	0.0	5.6	427.0	373.8	350.9	480.1	415.1	.	331.5
Sweden	206	197	1.6	89.8	8.6	0.0	1.8	0.0	1.4	488.7	503.3	471.4	.	510.0	.	514.0
Thailand	205	204	6.6	47.5	43.7	2.2	0.0	0.0	0.5	463.4	429.6	430.8	396.0	.	.	383.1
Turkey	220	220	47.7	46.4	1.0	4.9	0.0	0.0	0.0	449.2	462.5	448.7	494.9	.	.	.
United Arab Emirates	746	671	6.9	88.8	3.4	0.8	7.8	0.0	1.4	462.9	467.4	414.9	508.3	456.4	.	458.9
United States	429	367	13.6	83.4	2.1	1.0	13.6	0.0	0.7	534.6	517.0	460.8	514.3	516.7	.	561.5
International Avg. (38)	12055	11019	13.7	79.5	6.2	0.6	3.7	0.0	1.2	485.2	480.0	469.0	470.9	490.5	.	468.1
Buenos Aires, Argentina	138	60	12.3	87.2	0.0	0.5	57.3	0.0	0.3	343.9	396.0	.	411.8	400.5	.	471.1
Ontario, Canada	217	181	1.1	91.8	7.1	0.0	13.2	0.0	2.8	500.5	523.5	533.1	.	510.3	.	531.3
Quebec, Canada	175	161	23.4	75.1	0.2	1.3	7.9	0.0	0.0	556.6	547.3	536.7	531.7	474.1	.	.
Norway (8)	239	213	0.9	95.6	3.4	0.0	8.8	0.0	0.8	483.7	487.3	488.7	.	482.5	.	472.5
Abu Dhabi, UAE	207	179	5.7	86.0	6.7	1.6	11.4	0.0	2.6	422.5	443.3	401.5	482.7	444.7	.	486.6
Dubai, UAE	267	250	11.5	86.4	1.5	0.6	3.8	0.0	0.3	489.7	515.5	497.5	633.9	487.9	.	469.8
Florida, US	110	77	21.8	75.7	2.5	0.0	24.8	0.0	1.2	530.4	498.7	421.5	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Number: Computing with rational numbers
Location: TQM-26Ac (BTBM26AC)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	4.2	91.0	4.5	0.3	9.5	0.0	3.1	492.4	510.8	478.1	456.8	477.2	.	491.5
Bahrain	201	196	3.1	93.2	2.9	0.9	1.0	0.0	2.8	455.1	455.0	443.2	470.1	452.8	.	426.4
Botswana	169	153	13.5	82.3	3.3	0.9	5.5	0.0	1.3	373.2	394.2	389.7	438.2	383.2	.	367.2
Canada	409	359	5.9	90.3	3.7	0.0	10.5	0.0	1.7	563.1	528.6	517.4	.	501.6	.	531.3
Chile	173	151	3.2	90.8	5.5	0.5	9.4	0.0	2.0	473.4	431.3	388.7	411.6	406.3	.	402.9
Chinese Taipei	216	216	41.0	54.9	4.1	0.0	0.0	0.0	0.0	599.4	599.1	596.3	.	.	.	.
Egypt	215	211	25.0	67.4	6.5	1.1	0.7	0.0	1.3	385.8	395.3	385.6	402.8	428.8	.	361.9
England	215	184	1.4	94.6	3.5	0.5	13.1	0.0	0.0	535.0	517.8	502.3	455.6	525.4	.	.
Georgia	188	180	9.3	88.8	1.9	0.0	0.0	0.0	4.0	465.8	451.0	489.9	.	.	.	455.2
Hong Kong SAR	175	171	36.4	53.4	10.1	0.0	1.8	0.0	0.4	598.2	589.9	600.7	.	615.8	.	566.2
Hungary	278	268	3.4	87.1	8.5	1.0	3.4	0.0	0.4	560.2	513.8	498.9	528.6	518.2	.	518.0
Iran, Islamic Rep. of	251	251	1.1	96.4	2.4	0.0	0.0	0.0	0.0	381.9	437.2	426.4	.	.	.	.
Ireland	526	479	12.9	84.6	2.5	0.0	7.1	0.0	0.8	517.0	524.1	499.7	.	535.6	.	525.3
Israel	603	528	24.5	73.4	2.0	0.2	6.6	0.0	3.2	528.0	507.7	470.0	546.0	513.3	.	473.9
Italy	230	216	8.1	83.2	8.0	0.7	4.6	0.0	0.0	494.9	493.9	485.8	517.4	512.6	.	.
Japan	231	228	46.0	34.5	19.1	0.3	0.3	0.0	0.5	592.6	582.4	578.9	625.7	571.1	.	577.9
Jordan	260	255	18.3	74.5	6.1	1.0	0.0	0.0	1.5	376.6	386.8	394.7	422.6	.	.	368.4
Kazakhstan	239	228	9.4	90.1	0.5	0.0	0.4	0.0	4.9	548.8	525.6	681.1	.	518.8	.	514.7
Korea, Rep. of	317	317	32.5	58.1	8.8	0.5	0.0	0.0	0.0	607.4	605.6	594.7	711.6	.	.	.
Kuwait	191	188	4.8	91.6	3.6	0.0	1.4	0.0	0.5	344.8	394.9	390.2	.	401.3	.	407.6
Lebanon	185	174	4.4	85.7	6.3	3.6	2.3	0.0	3.3	434.0	446.7	425.6	402.0	451.2	.	412.8
Lithuania	269	256	5.7	91.8	2.5	0.0	4.8	0.0	0.2	485.5	512.0	518.5	.	524.4	.	510.8
Malaysia	326	300	2.9	93.4	3.7	0.0	6.2	0.0	1.1	474.7	466.5	444.9	.	455.7	.	470.0
Malta	224	211	6.3	89.2	4.5	0.0	4.9	0.0	0.5	520.7	491.3	519.4	.	478.6	.	476.7
Morocco	373	359	6.1	88.3	4.5	1.0	2.3	0.0	1.0	380.6	384.5	383.2	363.4	384.9	.	419.3
New Zealand	489	467	1.2	90.9	7.1	0.7	3.8	0.0	0.2	456.0	496.3	476.5	384.1	472.4	.	462.2
Norway	239	214	2.5	96.4	1.1	0.0	8.6	0.0	1.1	497.2	513.6	485.4	.	498.7	.	499.1
Oman	356	353	9.4	83.3	6.5	0.7	0.0	0.0	1.3	408.9	404.6	389.3	336.4	.	.	375.5
Qatar	250	244	7.3	89.1	3.4	0.2	0.4	0.0	1.0	474.8	433.2	449.7	491.2	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	3.4	90.7	5.7	0.2	0.6	0.0	0.0	354.7	369.4	342.6	319.8	448.5	.	.
Singapore	334	328	33.9	62.1	4.0	0.0	1.7	0.0	0.7	633.3	614.0	591.5	.	681.7	.	660.1
Slovenia	467	436	5.7	90.7	3.6	0.0	5.3	0.0	1.1	499.8	518.6	491.2	.	512.4	.	516.9
South Africa	334	316	3.1	90.1	4.9	1.9	0.9	0.0	5.9	406.1	374.4	351.2	380.5	415.1	.	334.2
Sweden	206	197	1.6	92.6	5.7	0.0	1.8	0.0	1.4	488.7	502.9	463.2	.	510.0	.	514.0
Thailand	205	204	6.9	58.6	32.8	1.7	0.0	0.0	0.5	451.4	428.1	435.5	400.2	.	.	383.1
Turkey	220	219	45.2	48.6	1.2	4.9	0.0	0.0	0.6	452.1	460.7	386.6	494.9	.	.	464.4
United Arab Emirates	746	671	5.5	90.3	3.7	0.4	7.8	0.0	1.3	464.8	467.0	429.5	513.5	456.4	.	454.3
United States	429	367	16.5	80.4	2.4	0.8	13.6	0.0	0.7	527.7	517.6	468.8	532.9	516.7	.	561.5
International Avg. (38)	12055	11010	12.4	81.4	5.6	0.6	3.7	0.0	1.3	481.7	480.2	470.1	461.1	490.5	.	466.1
Buenos Aires, Argentina	138	59	14.6	84.8	0.0	0.5	57.3	0.0	1.3	347.1	398.4	.	411.8	400.5	.	365.4
Ontario, Canada	217	181	0.3	95.4	4.3	0.0	13.2	0.0	2.8	508.4	523.8	528.0	.	510.3	.	531.3
Quebec, Canada	175	161	17.3	82.7	0.0	0.0	7.9	0.0	0.0	564.6	546.1	508.9	.	474.1	.	.
Norway (8)	239	212	0.8	98.7	0.5	0.0	8.8	0.0	1.2	460.2	487.4	488.7	.	482.5	.	484.4
Abu Dhabi, UAE	207	179	3.7	88.1	7.8	0.3	11.4	0.0	2.3	436.3	440.8	435.0	431.9	444.7	.	483.1
Dubai, UAE	267	250	8.3	90.5	0.5	0.6	3.8	0.0	0.3	480.9	515.7	420.7	605.6	487.9	.	469.8
Florida, US	110	77	23.4	75.2	0.9	0.5	24.8	0.0	1.2	528.8	496.3	437.5	541.6	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Number: Concepts of irrational numbers
Location: TQM-26Ad (BTBM26AD)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	15.4	72.5	9.7	2.5	9.5	0.0	3.1	492.1	513.9	490.8	521.3	477.2	.	491.5
Bahrain	201	196	19.5	76.2	2.7	1.5	1.0	0.0	2.8	463.7	451.4	472.8	448.3	452.8	.	441.8
Botswana	169	154	30.2	54.4	12.4	2.9	5.5	0.0	0.7	387.3	393.6	389.6	404.7	383.2	.	353.7
Canada	409	357	18.0	61.8	18.7	1.5	10.5	0.0	1.8	534.8	531.4	521.6	538.5	501.7	.	528.3
Chile	173	149	11.8	74.0	11.8	2.4	9.4	0.0	3.5	460.1	430.3	403.2	415.3	406.3	.	413.3
Chinese Taipei	216	216	26.8	59.8	12.7	0.7	0.0	0.0	0.0	597.6	599.9	602.0	538.4	.	.	.
Egypt	215	212	9.7	80.7	9.6	0.0	0.7	0.0	1.0	389.6	392.0	397.9	.	428.8	.	354.9
England	215	184	14.9	67.0	14.4	3.7	13.1	0.0	0.0	499.3	525.3	486.6	561.1	525.4	.	.
Georgia	188	178	11.6	85.2	3.2	0.0	0.0	0.0	4.6	442.0	453.9	496.0	.	.	.	438.9
Hong Kong SAR	175	172	9.1	59.4	31.0	0.4	1.8	0.0	0.2	570.3	599.1	591.0	604.7	615.8	.	550.5
Hungary	278	268	6.4	72.6	20.3	0.8	3.4	0.0	0.4	501.1	517.0	511.0	453.2	518.2	.	518.0
Iran, Islamic Rep. of	251	248	11.0	75.6	11.9	1.6	0.0	0.0	1.2	428.5	440.2	422.6	428.0	.	.	411.9
Ireland	526	479	12.5	77.1	9.9	0.5	7.1	0.0	0.9	515.7	523.7	522.1	523.6	535.6	.	527.0
Israel	603	528	31.8	60.8	5.7	1.8	6.6	0.0	3.5	515.5	514.0	492.4	472.1	513.3	.	464.6
Italy	230	216	8.9	71.9	18.1	1.1	4.6	0.0	0.0	494.4	495.7	482.7	521.7	512.6	.	.
Japan	231	227	57.4	21.2	18.2	3.1	0.3	0.0	1.1	579.3	593.3	602.5	579.2	571.1	.	588.2
Jordan	260	258	7.4	81.0	10.6	1.0	0.0	0.0	0.6	375.5	386.0	387.6	422.6	.	.	354.6
Kazakhstan	239	228	2.3	95.9	1.8	0.0	0.4	0.0	4.9	541.5	528.4	520.0	.	518.8	.	514.7
Korea, Rep. of	317	317	64.0	28.2	5.2	2.6	0.0	0.0	0.0	607.7	606.6	595.8	568.1	.	.	.
Kuwait	191	186	32.0	60.0	7.0	1.1	1.4	0.0	1.2	380.9	398.5	390.0	387.4	401.3	.	409.7
Lebanon	185	173	17.4	58.4	17.6	6.6	2.3	0.0	4.2	436.9	449.7	433.4	421.7	451.2	.	429.9
Lithuania	269	255	40.4	54.1	5.0	0.5	4.8	0.0	0.7	509.0	513.4	496.8	477.6	524.4	.	518.0
Malaysia	326	301	16.0	69.9	12.1	2.0	6.2	0.0	0.9	480.7	462.3	463.2	495.1	455.7	.	459.1
Malta	224	210	31.3	54.3	13.5	0.9	4.9	0.0	1.0	479.8	502.3	502.7	387.7	478.6	.	497.6
Morocco	373	348	8.1	74.3	15.6	2.1	2.3	0.0	4.3	382.3	385.0	380.8	366.7	384.9	.	398.5
New Zealand	489	464	16.2	61.6	20.7	1.4	3.8	0.0	0.7	476.6	500.8	485.4	483.0	472.4	.	505.4
Norway	239	214	11.6	77.0	11.3	0.0	8.6	0.0	1.1	507.3	515.1	504.0	.	498.7	.	499.1
Oman	356	355	34.9	56.9	7.3	0.8	0.0	0.0	0.0	415.2	397.5	398.8	324.5	.	.	338.1
Qatar	250	244	35.6	60.2	4.1	0.0	0.4	0.0	1.0	439.8	434.5	446.4	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	5.6	84.8	8.9	0.7	0.6	0.0	0.0	355.8	369.4	360.3	282.1	448.5	.	.
Singapore	334	328	36.6	55.0	7.6	0.8	1.7	0.0	0.7	626.4	618.4	603.4	557.4	681.7	.	660.1
Slovenia	467	436	3.5	78.6	17.1	0.9	5.3	0.0	1.1	505.8	517.3	514.6	527.0	512.4	.	516.9
South Africa	334	320	2.5	87.3	9.3	0.9	0.9	0.0	5.4	427.0	373.3	359.2	480.1	415.1	.	332.3
Sweden	206	197	23.4	52.2	22.6	1.8	1.8	0.0	1.4	499.7	502.9	495.2	499.6	510.0	.	514.0
Thailand	205	204	2.3	49.5	43.7	4.5	0.0	0.0	0.5	413.7	424.7	442.6	411.5	.	.	383.1
Turkey	220	219	2.4	82.5	7.9	7.3	0.0	0.0	0.6	417.4	463.4	411.8	460.4	.	.	394.4
United Arab Emirates	746	671	26.2	66.1	5.5	2.2	7.8	0.0	1.3	473.5	462.3	459.4	485.0	456.4	.	457.5
United States	429	366	4.3	88.1	6.9	0.8	13.6	0.0	0.7	545.2	517.9	504.2	532.9	516.7	.	558.8
International Avg. (38)	12055	10993	18.9	67.0	12.4	1.7	3.7	0.0	1.5	478.1	481.7	474.7	472.1	490.5	.	461.7
Buenos Aires, Argentina	138	59	56.9	38.7	3.8	0.5	57.3	0.0	1.1	374.3	415.5	360.2	411.8	400.5	.	401.9
Ontario, Canada	217	180	7.5	63.7	26.5	2.3	13.2	0.0	3.0	527.8	524.3	522.1	525.4	510.3	.	528.3
Quebec, Canada	175	160	33.9	61.2	4.3	0.6	8.0	0.0	0.0	543.9	550.7	561.1	624.0	475.2	.	.
Norway (8)	239	213	10.1	76.9	13.0	0.0	8.8	0.0	0.8	479.7	488.7	485.2	.	482.5	.	472.5
Abu Dhabi, UAE	207	180	30.3	59.4	8.9	1.4	11.4	0.0	2.0	431.3	445.0	447.4	377.4	444.7	.	491.9
Dubai, UAE	267	250	29.9	63.4	4.2	2.4	3.8	0.0	0.3	526.4	506.7	511.9	512.6	487.9	.	469.8
Florida, US	110	77	8.8	84.3	6.9	0.0	24.8	0.0	1.2	536.0	501.8	484.9	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Number: Problem solving involving percents or proportions
Location: TQM-26Ae (BTBM26AE)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	0.3	97.2	2.4	0.2	9.5	0.0	3.1	535.4	509.5	469.3	442.9	477.2	.	491.7
Bahrain	201	197	4.1	92.8	2.2	0.9	1.0	0.0	2.3	465.9	454.4	445.9	470.1	452.8	.	416.5
Botswana	169	153	13.9	82.7	3.3	0.0	5.5	0.0	1.2	372.2	393.7	413.4	.	383.2	.	381.0
Canada	409	359	1.4	93.1	5.4	0.0	10.5	0.0	1.7	556.4	530.7	516.7	.	501.6	.	531.3
Chile	173	151	3.2	91.9	4.3	0.5	9.4	0.0	2.0	454.1	430.1	416.4	411.6	406.3	.	402.9
Chinese Taipei	216	215	48.9	45.4	5.4	0.4	0.0	0.0	0.6	600.0	600.6	580.9	561.6	.	.	599.3
Egypt	215	212	29.9	61.2	8.3	0.7	0.7	0.0	1.0	395.0	391.2	389.6	414.0	428.8	.	354.9
England	215	183	0.7	92.9	5.8	0.5	13.1	0.0	0.8	480.6	518.8	493.4	455.6	525.4	.	567.0
Georgia	188	178	5.4	92.1	2.5	0.0	0.0	0.0	4.8	474.4	451.7	478.9	.	.	.	445.0
Hong Kong SAR	175	169	26.0	57.0	17.0	0.0	1.8	0.0	0.6	605.1	591.9	583.7	.	615.8	.	576.4
Hungary	278	268	2.7	85.8	11.0	0.5	3.4	0.0	0.4	572.2	515.1	496.0	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	248	15.1	77.4	6.8	0.7	0.0	0.0	1.2	451.1	434.6	426.2	415.2	.	.	430.2
Ireland	526	479	7.5	87.6	4.6	0.2	7.1	0.0	1.0	530.1	523.2	497.4	556.0	535.6	.	517.8
Israel	603	529	0.8	95.3	3.0	0.9	6.6	0.0	3.2	538.4	513.1	482.0	475.1	513.3	.	472.3
Italy	230	216	5.9	78.3	15.0	0.7	4.6	0.0	0.0	493.4	494.5	487.5	517.4	512.6	.	.
Japan	231	228	35.4	37.2	25.3	2.1	0.3	0.0	0.5	595.4	584.9	577.4	576.7	571.1	.	577.9
Jordan	260	256	23.8	64.1	11.0	1.1	0.0	0.0	0.9	383.8	385.0	389.6	430.3	.	.	369.5
Kazakhstan	239	228	11.4	87.6	1.0	0.0	0.4	0.0	4.9	543.5	526.2	557.0	.	518.8	.	514.7
Korea, Rep. of	317	317	31.2	54.3	13.9	0.6	0.0	0.0	0.0	608.6	606.4	597.4	590.5	.	.	.
Kuwait	191	185	4.1	89.0	6.9	0.0	1.4	0.0	1.7	347.8	394.1	387.5	.	401.3	.	427.2
Lebanon	185	173	13.8	66.3	13.7	6.1	2.3	0.0	4.5	440.4	449.8	425.6	412.0	451.2	.	429.2
Lithuania	269	255	4.8	94.0	1.2	0.0	4.8	0.0	0.3	492.0	511.1	549.4	.	524.4	.	499.3
Malaysia	326	300	1.1	90.3	7.9	0.6	6.2	0.0	1.4	522.6	465.3	468.4	393.0	455.7	.	478.7
Malta	224	210	3.6	91.3	5.1	0.0	4.9	0.0	1.0	465.6	493.9	519.2	.	478.6	.	508.6
Morocco	373	355	6.6	79.3	12.9	1.2	2.3	0.0	2.0	382.1	384.2	385.5	366.5	384.9	.	401.2
New Zealand	489	466	1.3	89.8	8.7	0.3	3.8	0.0	0.5	419.5	495.0	489.5	501.9	472.4	.	487.8
Norway	239	213	0.4	97.6	2.0	0.0	8.6	0.0	1.5	519.8	513.3	495.7	.	498.7	.	501.9
Oman	356	350	8.5	86.7	4.8	0.0	0.0	0.0	1.1	406.9	404.6	383.9	.	.	.	347.6
Qatar	250	244	8.2	89.8	1.7	0.3	0.4	0.0	1.0	477.3	434.5	370.9	408.9	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	3.3	89.3	7.4	0.0	0.6	0.0	0.0	358.2	370.2	336.2	.	448.5	.	.
Singapore	334	328	24.8	70.1	5.1	0.0	1.7	0.0	0.7	638.4	613.7	609.5	.	681.7	.	660.1
Slovenia	467	436	5.6	88.4	5.1	0.9	5.3	0.0	1.1	514.9	517.6	498.1	527.8	512.4	.	516.9
South Africa	334	318	3.1	87.4	7.9	1.6	0.9	0.0	5.8	426.2	370.7	380.2	424.9	415.1	.	338.1
Sweden	206	197	1.3	90.2	7.9	0.6	1.8	0.0	1.4	442.1	503.8	475.6	428.3	510.0	.	514.0
Thailand	205	204	2.1	54.7	39.6	3.5	0.0	0.0	0.5	413.6	426.6	439.7	430.7	.	.	383.1
Turkey	220	218	50.7	42.0	2.3	4.9	0.0	0.0	0.7	452.5	464.7	383.8	494.9	.	.	385.4
United Arab Emirates	746	667	5.2	90.5	3.6	0.8	7.8	0.0	2.1	452.2	466.9	454.5	440.3	456.2	.	465.1
United States	429	367	19.9	75.3	4.3	0.4	13.6	0.0	0.7	514.6	520.1	503.7	503.4	516.7	.	561.5
International Avg. (38)	12055	10987	11.5	79.9	7.8	0.8	3.7	0.0	1.5	482.7	480.4	469.9	465.9	490.5	.	471.0
Buenos Aires, Argentina	138	58	30.4	69.6	0.0	0.0	57.3	0.0	2.1	356.8	404.8	.	.	400.5	.	389.7
Ontario, Canada	217	181	0.3	94.0	5.7	0.0	13.2	0.0	2.8	508.4	524.5	514.5	.	510.3	.	531.3
Quebec, Canada	175	161	3.9	93.5	2.6	0.0	7.9	0.0	0.0	562.1	548.6	554.4	.	474.1	.	.
Norway (8)	239	213	0.7	96.6	2.7	0.0	8.8	0.0	0.8	479.3	487.3	487.9	.	482.5	.	472.5
Abu Dhabi, UAE	207	180	5.1	90.5	3.0	1.4	11.4	0.0	1.9	412.7	444.3	388.5	377.4	444.7	.	496.6
Dubai, UAE	267	246	7.9	89.1	2.4	0.7	3.9	0.0	3.2	478.2	517.1	502.3	605.6	485.5	.	473.0
Florida, US	110	77	31.8	60.9	7.3	0.0	24.8	0.0	1.2	524.0	498.7	456.1	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Simplifying and evaluating algebraic expressions
Location: TQM-26Ba (BTBM26BA)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	1.5	96.3	2.2	0.0	9.5	0.0	3.1	506.0	509.6	458.1	458.2	477.2	.	491.7
Bahrain	201	196	3.9	94.2	1.9	0.0	1.0	0.0	2.4	442.1	455.4	441.3	.	452.8	.	429.0
Botswana	169	153	5.1	94.2	0.7	0.0	5.5	0.0	1.5	387.4	391.7	385.2	.	383.2	.	379.0
Canada	409	359	1.1	94.9	4.0	0.1	10.5	0.0	1.7	554.8	530.6	516.8	444.3	501.6	.	531.3
Chile	173	151	6.7	90.3	2.5	0.5	9.4	0.0	2.0	443.9	430.6	381.5	411.6	406.3	.	402.9
Chinese Taipei	216	216	32.5	64.8	2.7	0.0	0.0	0.0	0.0	601.2	597.7	607.6	.	.	.	.
Egypt	215	211	20.4	69.1	10.5	0.0	0.7	0.0	2.1	383.5	396.0	373.6	.	428.8	.	433.8
England	215	184	1.3	95.8	2.5	0.5	13.1	0.0	0.0	466.9	518.2	514.8	455.6	525.4	.	.
Georgia	188	179	2.2	94.5	3.2	0.0	0.0	0.0	4.2	471.7	452.5	468.6	.	.	.	447.0
Hong Kong SAR	175	172	18.2	66.9	14.9	0.0	1.8	0.0	0.2	608.2	594.0	576.2	.	615.8	.	550.5
Hungary	278	268	1.1	89.8	8.7	0.5	3.4	0.0	0.4	557.1	515.3	501.0	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	251	1.8	97.6	0.6	0.0	0.0	0.0	0.0	422.1	436.8	411.0	.	.	.	.
Ireland	526	479	3.1	94.3	2.5	0.0	7.1	0.0	1.0	512.2	523.0	521.2	.	535.6	.	513.7
Israel	603	529	7.7	89.9	1.8	0.6	6.6	0.0	3.2	560.1	509.5	461.1	417.4	513.3	.	474.5
Italy	230	216	0.0	87.9	11.4	0.7	4.6	0.0	0.0	.	495.8	474.5	517.4	512.6	.	.
Japan	231	227	24.4	55.6	19.3	0.6	0.3	0.0	0.7	602.0	581.9	580.3	598.1	571.1	.	578.6
Jordan	260	258	4.7	89.9	4.4	1.0	0.0	0.0	0.6	379.1	387.1	356.2	422.6	.	.	354.6
Kazakhstan	239	228	7.0	91.0	2.0	0.0	0.4	0.0	4.9	530.9	526.6	607.0	.	518.8	.	514.7
Korea, Rep. of	317	317	23.4	65.1	10.6	0.9	0.0	0.0	0.0	603.6	608.9	591.9	597.6	.	.	.
Kuwait	191	186	2.8	93.7	2.9	0.6	1.4	0.0	1.5	374.3	393.8	390.1	368.9	401.3	.	351.2
Lebanon	185	175	2.4	87.1	6.9	3.6	2.3	0.0	3.4	470.8	445.4	427.2	402.0	451.2	.	415.3
Lithuania	269	256	4.6	93.2	2.2	0.0	4.8	0.0	0.2	512.1	510.0	536.4	.	524.4	.	510.8
Malaysia	326	302	0.2	93.9	5.3	0.6	6.2	0.0	0.8	492.9	466.2	472.4	393.0	455.7	.	440.6
Malta	224	211	7.5	88.7	3.8	0.0	4.9	0.0	0.5	505.9	493.8	486.8	.	478.6	.	476.7
Morocco	373	359	2.9	92.8	3.0	1.3	2.3	0.0	1.1	401.5	384.2	375.9	351.4	384.9	.	414.9
New Zealand	489	467	1.2	93.1	5.6	0.1	3.8	0.0	0.2	449.8	496.8	450.0	534.8	472.4	.	462.2
Norway	239	214	1.4	96.8	1.8	0.0	8.6	0.0	1.1	523.6	512.5	525.9	.	498.7	.	499.1
Oman	356	353	4.8	90.6	4.6	0.0	0.0	0.0	0.4	393.6	405.0	380.1	.	.	.	359.2
Qatar	250	244	5.0	93.0	2.1	0.0	0.4	0.0	1.0	439.9	437.8	388.0	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	4.5	86.7	8.8	0.0	0.6	0.0	0.0	350.4	370.5	344.3	.	448.5	.	.
Singapore	334	328	12.5	83.6	3.9	0.0	1.7	0.0	0.7	637.5	618.0	597.3	.	681.7	.	660.1
Slovenia	467	436	7.0	89.1	3.1	0.8	5.3	0.0	1.1	499.6	518.6	492.0	530.0	512.4	.	516.9
South Africa	334	318	0.3	94.9	3.3	1.5	0.9	0.0	6.2	348.3	375.1	328.2	446.7	415.1	.	333.5
Sweden	206	198	0.4	96.0	3.1	0.5	1.8	0.0	1.2	464.9	501.6	461.1	506.2	510.0	.	528.4
Thailand	205	203	43.9	26.6	25.6	3.9	0.0	0.0	1.1	438.8	434.9	414.5	417.1	.	.	494.6
Turkey	220	218	23.9	66.7	2.7	6.7	0.0	0.0	0.6	447.0	460.9	410.1	483.2	.	.	446.9
United Arab Emirates	746	671	3.9	93.8	1.6	0.7	7.8	0.0	1.4	462.6	466.9	410.1	455.3	456.4	.	449.8
United States	429	367	4.2	92.3	2.7	0.7	13.6	0.0	0.7	546.4	517.6	499.4	501.5	516.7	.	561.5
International Avg. (38)	12055	11016	7.9	86.2	5.2	0.7	3.7	0.0	1.3	480.9	480.8	463.6	462.6	490.5	.	467.3
Buenos Aires, Argentina	138	60	21.1	76.3	2.1	0.5	57.3	0.0	0.3	382.8	393.1	333.3	411.8	400.5	.	471.1
Ontario, Canada	217	181	0.3	94.9	4.8	0.1	13.2	0.0	2.8	508.4	524.4	516.4	444.3	510.3	.	531.3
Quebec, Canada	175	161	2.7	96.5	0.8	0.0	7.9	0.0	0.0	562.7	548.5	597.8	.	474.1	.	.
Norway (8)	239	213	2.8	95.3	2.0	0.0	8.8	0.0	0.8	474.2	488.0	474.0	.	482.5	.	472.5
Abu Dhabi, UAE	207	179	2.8	94.2	1.8	1.2	11.4	0.0	2.6	414.9	442.5	403.6	387.3	444.7	.	473.7
Dubai, UAE	267	250	5.1	93.6	0.7	0.6	3.8	0.0	0.3	480.0	514.6	426.9	633.9	487.9	.	469.8
Florida, US	110	77	4.1	94.5	1.3	0.0	24.8	0.0	1.2	456.7	506.1	476.8	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Simple linear equations and inequalities
Location: TQM-26Bb (BTBM26BB)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	2.4	94.7	2.6	0.3	9.5	0.0	3.1	510.3	509.3	487.1	424.4	477.2	.	491.5
Bahrain	201	197	2.6	94.1	2.4	0.9	1.0	0.0	2.3	408.1	456.3	441.0	470.1	452.8	.	416.5
Botswana	169	154	14.6	79.8	4.3	1.3	5.5	0.0	0.7	382.2	392.2	400.1	424.0	383.2	.	353.7
Canada	409	359	8.7	83.3	7.4	0.6	10.5	0.0	1.7	552.3	529.7	510.4	534.7	501.6	.	531.3
Chile	173	151	5.3	89.6	3.7	1.4	9.4	0.0	2.0	474.0	428.8	412.5	398.9	406.3	.	402.9
Chinese Taipei	216	215	45.0	53.0	2.1	0.0	0.0	0.0	0.5	600.5	597.2	612.7	.	.	.	615.5
Egypt	215	211	6.6	89.3	4.1	0.0	0.7	0.0	2.1	383.1	391.5	394.3	.	428.8	.	433.8
England	215	183	1.7	94.2	3.5	0.5	13.1	0.0	0.3	471.4	519.6	490.4	455.6	525.4	.	436.3
Georgia	188	179	3.4	92.5	4.1	0.0	0.0	0.0	4.2	485.2	451.6	469.1	.	.	.	447.0
Hong Kong SAR	175	172	28.9	61.2	9.9	0.0	1.8	0.0	0.2	585.6	596.1	605.2	.	615.8	.	550.5
Hungary	278	268	1.3	89.3	8.9	0.5	3.4	0.0	0.4	571.4	514.4	507.3	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	249	21.4	69.5	8.5	0.7	0.0	0.0	0.5	436.2	438.1	422.3	442.1	.	.	427.9
Ireland	526	479	2.0	95.1	2.9	0.0	7.1	0.0	0.8	504.7	523.5	513.0	.	535.6	.	491.6
Israel	603	529	1.4	95.9	1.7	1.0	6.6	0.0	3.2	543.8	512.8	475.7	452.9	513.3	.	474.5
Italy	230	213	1.4	80.6	17.3	0.7	4.6	0.0	1.4	503.5	495.1	483.3	517.4	512.6	.	506.0
Japan	231	226	41.1	40.5	17.7	0.7	0.3	0.0	1.3	591.6	583.4	581.5	597.2	571.1	.	587.9
Jordan	260	256	4.7	89.7	4.6	1.0	0.0	0.0	1.4	373.7	386.9	373.4	422.6	.	.	349.7
Kazakhstan	239	228	8.6	90.6	0.9	0.0	0.4	0.0	4.9	543.0	526.7	577.0	.	518.8	.	514.7
Korea, Rep. of	317	317	11.3	76.1	11.7	0.9	0.0	0.0	0.0	614.4	605.8	597.3	597.6	.	.	.
Kuwait	191	188	7.5	88.9	3.6	0.0	1.4	0.0	0.5	376.3	394.3	374.4	.	401.3	.	407.6
Lebanon	185	174	7.0	77.4	12.0	3.6	2.3	0.0	3.3	460.9	447.5	418.1	402.0	451.2	.	412.8
Lithuania	269	256	0.0	98.5	1.5	0.0	4.8	0.0	0.2	.	510.2	540.8	.	524.4	.	510.8
Malaysia	326	302	14.0	75.8	9.4	0.8	6.2	0.0	0.8	479.2	465.3	457.4	424.0	455.7	.	440.6
Malta	224	211	10.0	85.3	4.7	0.0	4.9	0.0	0.5	498.2	492.2	526.0	.	478.6	.	476.7
Morocco	373	356	4.1	87.4	6.3	2.1	2.3	0.0	2.2	383.4	384.5	387.1	362.0	384.9	.	392.8
New Zealand	489	467	4.7	86.6	8.3	0.4	3.8	0.0	0.2	429.1	501.4	449.2	475.9	472.4	.	462.2
Norway	239	214	0.8	97.6	1.7	0.0	8.6	0.0	1.1	518.5	512.8	517.2	.	498.7	.	499.1
Oman	356	354	3.9	91.4	4.7	0.0	0.0	0.0	0.9	370.9	405.0	410.2	.	.	.	322.9
Qatar	250	244	4.9	92.0	1.2	2.0	0.4	0.0	1.0	407.2	439.5	460.7	376.5	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	2.6	92.9	4.5	0.0	0.6	0.0	0.0	352.4	368.8	343.9	.	448.5	.	.
Singapore	334	328	15.0	80.7	4.4	0.0	1.7	0.0	0.7	652.8	614.9	593.8	.	681.7	.	660.1
Slovenia	467	436	13.6	83.0	3.3	0.1	5.3	0.0	1.1	509.7	519.0	483.2	548.7	512.4	.	516.9
South Africa	334	314	7.0	88.1	3.3	1.6	0.9	0.0	7.8	342.8	377.9	325.9	445.4	415.1	.	338.1
Sweden	206	198	9.8	81.5	6.8	2.0	1.8	0.0	1.2	506.0	501.0	489.1	477.9	510.0	.	528.4
Thailand	205	204	26.0	38.9	31.7	3.4	0.0	0.0	0.5	452.2	419.7	430.2	424.6	.	.	383.1
Turkey	220	220	5.3	80.2	6.8	7.7	0.0	0.0	0.0	428.7	461.9	426.8	460.2	.	.	.
United Arab Emirates	746	672	5.4	91.2	3.0	0.4	7.8	0.0	1.2	479.9	463.7	490.2	520.6	456.4	.	457.2
United States	429	366	1.3	94.0	3.5	1.2	13.6	0.0	0.9	571.1	518.4	508.1	477.4	516.7	.	545.3
International Avg. (38)	12055	11005	9.3	83.4	6.3	0.9	3.7	0.0	1.4	479.8	480.5	473.3	463.9	490.5	.	466.1
Buenos Aires, Argentina	138	60	15.7	83.7	0.0	0.5	57.3	0.0	0.3	368.3	393.6	.	411.8	400.5	.	471.1
Ontario, Canada	217	181	3.7	85.2	10.4	0.7	13.2	0.0	2.8	535.7	525.3	510.0	492.1	510.3	.	531.3
Quebec, Canada	175	161	18.8	79.4	1.2	0.6	7.9	0.0	0.0	559.3	546.4	552.8	618.5	474.1	.	.
Norway (8)	239	213	2.5	95.3	2.1	0.0	8.8	0.0	0.8	499.5	487.3	473.6	.	482.5	.	472.5
Abu Dhabi, UAE	207	180	2.5	94.9	2.3	0.3	11.4	0.0	2.0	446.1	439.8	448.4	431.9	444.7	.	491.9
Dubai, UAE	267	250	10.0	86.6	2.9	0.6	3.8	0.0	0.3	511.1	511.9	527.8	633.9	487.9	.	469.8
Florida, US	110	77	6.3	91.7	1.9	0.0	24.8	0.0	1.2	494.7	505.1	464.8	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Simultaneous (two variables) equations
Location: TQM-26Bc (BTBM26BC)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	32.0	61.1	6.5	0.4	9.5	0.0	3.1	508.8	511.0	487.5	437.9	477.2	.	491.5
Bahrain	201	194	41.7	52.1	4.6	1.6	1.0	0.0	4.4	449.4	458.1	465.9	465.6	452.8	.	433.0
Botswana	169	154	18.9	77.5	3.6	0.0	5.5	0.0	0.7	374.8	395.2	399.9	.	383.2	.	353.7
Canada	409	358	34.9	51.8	11.8	1.5	10.5	0.0	1.7	542.4	523.5	527.4	507.7	501.6	.	528.8
Chile	173	151	20.6	68.2	9.4	1.8	9.4	0.0	2.0	452.5	427.5	404.0	415.3	406.3	.	402.9
Chinese Taipei	216	216	46.1	53.0	1.0	0.0	0.0	0.0	0.0	601.3	597.1	604.2	.	.	.	.
Egypt	215	212	44.2	48.0	6.9	0.9	0.7	0.0	1.4	397.5	389.3	354.3	463.7	428.8	.	446.3
England	215	183	13.8	81.1	4.3	0.8	13.1	0.0	0.3	478.8	525.0	515.0	429.5	525.4	.	436.3
Georgia	188	179	2.6	93.6	3.8	0.0	0.0	0.0	4.2	468.1	452.4	468.6	.	.	.	447.0
Hong Kong SAR	175	170	3.8	79.3	16.4	0.4	1.8	0.0	1.2	618.0	594.8	584.7	604.7	615.8	.	576.1
Hungary	278	267	58.6	31.0	8.5	2.0	3.4	0.0	0.7	511.3	530.6	493.7	432.6	518.2	.	523.3
Iran, Islamic Rep. of	251	249	46.0	48.2	4.8	1.0	0.0	0.0	0.5	433.3	437.3	464.0	401.9	.	.	423.0
Ireland	526	478	4.5	92.9	2.6	0.0	7.1	0.0	1.2	503.9	524.3	499.7	452.7	535.6	.	507.7
Israel	603	528	1.6	93.7	3.3	1.5	6.6	0.0	3.3	462.0	515.7	460.2	448.4	513.3	.	474.5
Italy	230	214	38.7	42.7	16.4	2.2	4.6	0.0	0.8	494.0	496.3	481.8	513.2	512.6	.	505.7
Japan	231	228	7.6	71.2	20.9	0.3	0.3	0.0	0.5	670.6	579.3	580.9	540.4	571.1	.	577.9
Jordan	260	255	2.5	90.6	5.9	1.0	0.0	0.0	1.7	390.0	386.1	380.3	422.6	.	.	348.0
Kazakhstan	239	227	9.7	88.8	1.6	0.0	0.4	0.0	5.1	533.3	526.4	633.2	.	518.8	.	512.2
Korea, Rep. of	317	317	0.8	84.2	13.8	1.3	0.0	0.0	0.0	602.3	607.7	595.2	594.2	.	.	.
Kuwait	191	186	55.9	34.9	7.2	2.0	1.4	0.0	2.0	382.3	408.3	400.0	402.0	401.3	.	358.9
Lebanon	185	173	57.4	29.1	4.1	9.4	2.3	0.0	3.7	445.6	445.6	460.6	412.0	451.2	.	421.5
Lithuania	269	255	73.8	25.5	0.2	0.5	4.8	0.0	0.9	512.4	505.7	509.8	482.0	524.4	.	522.8
Malaysia	326	302	23.8	66.8	8.6	0.8	6.2	0.0	0.8	476.2	464.7	454.0	424.0	455.7	.	440.6
Malta	224	211	20.7	76.1	2.8	0.5	4.9	0.0	0.5	420.9	514.3	501.0	471.6	478.6	.	476.7
Morocco	373	356	50.1	38.8	7.0	4.0	2.3	0.0	2.2	382.1	388.2	387.3	372.7	384.9	.	381.7
New Zealand	489	466	31.8	56.6	10.7	0.9	3.8	0.0	0.5	491.4	496.6	484.8	481.1	472.4	.	487.8
Norway	239	214	5.7	91.3	3.0	0.0	8.6	0.0	1.1	510.0	513.1	513.0	.	498.7	.	499.1
Oman	356	353	53.2	38.9	7.0	0.8	0.0	0.0	0.7	401.0	407.2	395.3	344.4	.	.	490.8
Qatar	250	244	42.2	51.9	5.9	0.0	0.4	0.0	1.0	428.1	447.2	409.4	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	26.4	63.5	9.6	0.5	0.6	0.0	0.0	374.7	367.6	342.9	404.9	448.5	.	.
Singapore	334	328	5.8	89.6	4.6	0.0	1.7	0.0	0.7	540.9	625.8	599.7	.	681.7	.	660.1
Slovenia	467	434	53.6	43.2	3.2	0.1	5.3	0.0	1.1	513.3	522.1	494.4	548.7	512.6	.	517.6
South Africa	334	312	20.9	73.0	4.5	1.6	0.9	0.0	7.5	363.4	378.6	338.0	434.1	415.1	.	341.4
Sweden	206	198	29.9	54.3	13.1	2.8	1.8	0.0	1.2	499.5	502.6	499.6	465.2	510.0	.	528.4
Thailand	205	204	65.9	14.3	15.5	4.3	0.0	0.0	0.5	437.9	413.7	421.5	431.4	.	.	383.1
Turkey	220	220	3.0	84.5	5.0	7.6	0.0	0.0	0.0	414.0	462.8	385.2	463.9	.	.	.
United Arab Emirates	746	668	25.9	67.7	4.5	1.9	7.8	0.0	1.6	473.0	464.0	435.1	499.4	456.4	.	452.8
United States	429	366	3.8	88.7	6.0	1.5	13.6	0.0	0.9	529.0	518.6	511.9	500.1	516.7	.	545.1
International Avg. (38)	12055	10985	28.4	63.1	7.1	1.5	3.7	0.0	1.6	476.0	482.2	472.2	460.3	490.5	.	467.9
Buenos Aires, Argentina	138	59	68.5	29.3	1.6	0.5	57.3	0.0	1.1	375.4	423.0	396.0	411.8	400.5	.	401.9
Ontario, Canada	217	181	19.0	62.6	17.5	0.9	13.2	0.0	2.8	531.5	520.8	528.1	493.4	510.3	.	531.3
Quebec, Canada	175	160	60.0	34.9	4.4	0.7	7.9	0.0	0.2	554.8	541.5	530.2	612.3	474.1	.	462.3
Norway (8)	239	213	11.5	85.6	2.5	0.4	8.8	0.0	0.8	490.5	487.0	486.0	476.3	482.5	.	472.5
Abu Dhabi, UAE	207	179	27.8	65.1	5.8	1.3	11.4	0.0	2.4	430.3	445.6	428.2	430.5	444.7	.	482.1
Dubai, UAE	267	249	31.3	65.5	2.3	0.9	3.8	0.0	0.7	521.0	510.7	456.7	576.2	487.9	.	455.6
Florida, US	110	77	1.0	94.7	4.3	0.0	24.8	0.0	1.2	512.1	505.9	452.4	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Numeric, algebraic, and geometric patterns or sequences
Location: TQM-26Bd (BTBM26BD)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	8.9	79.1	11.9	0.0	9.5	0.0	3.1	513.0	509.1	501.3	434.8	477.2	.	491.7
Bahrain	201	197	13.2	80.4	6.5	0.0	1.0	0.0	2.3	451.8	456.9	435.4	.	452.8	.	416.5
Botswana	169	154	8.5	84.4	7.0	0.0	5.5	0.0	0.7	386.7	391.6	396.4	.	383.2	.	353.7
Canada	409	357	4.2	86.2	9.0	0.6	10.5	0.0	2.0	543.9	530.1	525.5	553.1	501.6	.	527.1
Chile	173	151	9.5	77.2	11.6	1.7	9.4	0.0	2.0	457.1	427.5	430.4	398.9	406.3	.	402.9
Chinese Taipei	216	216	8.0	83.4	8.7	0.0	0.0	0.0	0.0	600.8	599.7	591.9	.	.	.	.
Egypt	215	211	27.8	58.0	13.0	1.1	0.7	0.0	1.3	385.2	396.9	388.2	366.4	428.8	.	376.8
England	215	183	2.6	92.5	4.4	0.5	13.1	0.0	0.3	588.7	517.2	488.9	455.6	525.4	.	436.3
Georgia	188	174	22.9	68.0	7.2	2.0	0.0	0.0	6.2	459.1	452.1	437.8	477.5	.	.	453.2
Hong Kong SAR	175	172	43.6	38.9	16.1	1.3	1.8	0.0	0.2	590.4	604.0	578.4	607.2	615.8	.	550.5
Hungary	278	268	5.8	77.4	15.1	1.7	3.4	0.0	0.4	568.3	515.9	496.6	414.3	518.2	.	518.0
Iran, Islamic Rep. of	251	251	14.5	68.6	14.9	2.1	0.0	0.0	0.0	441.2	438.4	424.4	421.7	.	.	.
Ireland	526	479	8.6	79.9	11.4	0.0	7.1	0.0	1.0	512.0	523.5	527.0	452.7	535.6	.	496.2
Israel	603	528	15.8	78.1	5.2	0.9	6.6	0.0	3.5	528.1	511.5	481.4	425.7	513.3	.	481.0
Italy	230	213	25.7	34.4	33.9	5.9	4.6	0.0	1.4	494.0	494.6	494.3	476.6	512.6	.	513.0
Japan	231	228	37.3	28.1	32.6	2.1	0.3	0.0	0.5	596.9	584.5	577.6	570.2	571.1	.	577.9
Jordan	260	256	18.7	66.5	13.5	1.3	0.0	0.0	1.8	386.5	385.8	380.8	423.9	.	.	375.1
Kazakhstan	239	228	27.9	65.5	5.3	1.3	0.4	0.0	4.9	527.4	527.6	566.4	449.3	518.8	.	514.7
Korea, Rep. of	317	317	45.6	37.8	13.5	3.2	0.0	0.0	0.0	606.2	608.0	604.1	579.4	.	.	.
Kuwait	191	185	35.7	54.5	7.8	2.0	1.4	0.0	1.7	376.2	402.6	403.7	352.4	401.3	.	397.6
Lebanon	185	175	48.2	39.9	9.2	2.7	2.3	0.0	3.4	436.9	453.3	444.6	401.2	451.2	.	415.3
Lithuania	269	256	68.5	25.9	5.1	0.5	4.8	0.0	0.2	513.0	509.2	489.6	479.7	524.4	.	510.8
Malaysia	326	300	10.5	73.6	15.2	0.7	6.2	0.0	1.8	497.1	462.0	469.4	424.8	455.7	.	438.2
Malta	224	211	7.9	81.8	10.3	0.0	4.9	0.0	0.5	463.5	495.5	509.7	.	478.6	.	476.7
Morocco	373	354	48.1	32.4	12.3	7.2	2.3	0.0	2.6	382.9	383.2	398.0	377.4	384.9	.	380.6
New Zealand	489	463	3.2	89.2	5.6	2.0	3.8	0.0	0.9	486.3	497.3	457.6	451.5	472.4	.	469.0
Norway	239	214	4.1	84.1	11.8	0.0	8.6	0.0	1.1	495.4	513.7	513.6	.	498.7	.	499.1
Oman	356	348	31.8	57.1	9.8	1.3	0.0	0.0	2.5	395.2	409.3	392.5	414.8	.	.	401.2
Qatar	250	244	15.6	80.3	3.0	1.1	0.4	0.0	1.0	459.1	434.6	406.5	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	12.6	70.7	14.8	1.9	0.6	0.0	0.0	355.5	370.7	366.5	321.0	448.5	.	.
Singapore	334	328	28.1	59.8	11.0	1.1	1.7	0.0	0.7	630.2	618.4	605.7	558.4	681.7	.	660.1
Slovenia	467	436	17.9	55.8	25.7	0.6	5.3	0.0	1.1	506.1	521.8	512.2	525.7	512.4	.	516.9
South Africa	334	319	0.3	95.4	3.4	0.9	0.9	0.0	5.9	400.5	373.4	378.7	480.1	415.1	.	330.5
Sweden	206	197	4.2	79.2	16.1	0.6	1.8	0.0	1.4	478.7	501.8	499.3	428.3	510.0	.	534.6
Thailand	205	204	52.1	20.7	21.5	5.8	0.0	0.0	0.5	440.5	413.2	427.9	431.4	.	.	383.1
Turkey	220	219	2.4	81.3	7.5	8.8	0.0	0.0	0.2	400.3	460.5	439.9	461.7	.	.	477.0
United Arab Emirates	746	669	15.8	75.6	6.7	1.9	7.8	0.0	1.6	449.4	469.7	451.2	484.8	456.4	.	463.2
United States	429	367	12.3	77.1	8.9	1.8	13.6	0.0	0.7	513.3	520.2	509.2	510.9	516.7	.	561.5
International Avg. (38)	12055	10988	20.2	66.3	11.7	1.8	3.7	0.0	1.6	482.0	481.2	473.7	454.0	490.5	.	465.0
Buenos Aires, Argentina	138	59	48.3	39.0	12.7	0.0	57.3	0.0	0.8	370.6	407.5	410.5	.	400.5	.	397.6
Ontario, Canada	217	180	0.8	87.3	11.4	0.5	13.2	0.0	3.1	482.2	524.2	527.8	463.2	510.3	.	529.3
Quebec, Canada	175	160	9.7	85.6	3.7	1.0	7.9	0.0	0.2	558.2	547.7	545.3	631.5	474.1	.	462.3
Norway (8)	239	213	6.4	83.0	10.2	0.4	8.8	0.0	0.8	491.6	487.3	485.2	476.3	482.5	.	472.5
Abu Dhabi, UAE	207	179	21.6	66.7	9.5	2.2	11.4	0.0	2.6	416.7	449.0	439.8	402.2	444.7	.	479.6
Dubai, UAE	267	248	13.0	81.6	4.5	0.9	3.8	0.0	1.1	494.2	515.9	496.0	596.1	487.9	.	506.8
Florida, US	110	77	6.2	80.4	13.5	0.0	24.8	0.0	1.2	451.3	510.5	486.6	.	469.7	.	362.5

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Representation of functions as ordered pairs, tables, graphs, words, or equations
Location: TQM-26Be (BTBM26BE)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	3.3	88.1	7.5	1.1	9.5	0.0	3.1	539.9	508.8	491.9	500.1	477.2	.	491.7
Bahrain	201	197	8.4	89.6	2.1	0.0	1.0	0.0	2.3	471.1	453.5	447.8	.	452.8	.	416.5
Botswana	169	153	13.6	76.2	6.7	3.5	5.5	0.0	1.7	373.1	394.5	389.6	394.0	383.2	.	392.8
Canada	409	359	9.4	80.1	9.2	1.3	10.5	0.0	1.7	546.9	529.6	522.7	502.6	501.6	.	531.3
Chile	173	151	4.6	85.4	7.8	2.2	9.4	0.0	2.0	453.2	431.1	412.2	410.9	406.3	.	402.9
Chinese Taipei	216	216	44.9	47.9	7.2	0.0	0.0	0.0	0.0	598.3	601.3	589.3	.	.	.	.
Egypt	215	212	21.8	69.0	7.6	1.6	0.7	0.0	1.2	391.5	393.7	380.2	431.5	428.8	.	325.2
England	215	183	5.8	81.1	11.2	1.9	13.1	0.0	0.3	484.1	520.3	504.6	573.6	525.4	.	436.3
Georgia	188	178	13.0	78.6	8.3	0.0	0.0	0.0	4.7	464.2	452.8	447.5	.	.	.	440.3
Hong Kong SAR	175	172	33.0	51.9	13.1	2.0	1.8	0.0	0.2	603.5	587.3	587.1	654.3	615.8	.	550.5
Hungary	278	268	0.3	89.0	10.3	0.5	3.4	0.0	0.4	525.1	516.2	499.4	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	248	53.4	29.2	14.1	3.3	0.0	0.0	1.5	443.7	431.8	425.7	411.0	.	.	417.7
Ireland	526	480	13.0	80.2	6.6	0.2	7.1	0.0	0.7	506.9	526.6	506.1	569.7	535.6	.	497.8
Israel	603	529	1.7	93.9	3.7	0.7	6.6	0.0	3.2	552.0	512.8	485.8	451.3	513.3	.	474.5
Italy	230	213	2.3	77.1	19.3	1.4	4.6	0.0	1.0	444.5	494.5	493.8	498.1	512.6	.	518.6
Japan	231	228	17.1	54.8	26.8	1.3	0.3	0.0	0.5	610.2	583.2	578.7	581.2	571.1	.	577.9
Jordan	260	257	5.2	87.8	5.2	1.8	0.0	0.0	1.1	403.6	385.8	356.1	375.9	.	.	432.7
Kazakhstan	239	226	10.4	85.0	4.6	0.0	0.4	0.0	6.0	529.0	528.5	526.7	.	518.8	.	518.1
Korea, Rep. of	317	317	23.3	62.7	13.3	0.6	0.0	0.0	0.0	602.5	608.4	598.9	609.0	.	.	.
Kuwait	191	187	41.6	51.1	6.4	0.9	1.4	0.0	1.0	376.8	406.1	392.5	392.0	401.3	.	338.1
Lebanon	185	177	42.1	43.4	9.4	5.2	2.3	0.0	2.2	439.2	449.9	439.1	430.9	451.2	.	391.9
Lithuania	269	256	29.0	66.7	4.3	0.0	4.8	0.0	0.2	510.6	511.6	496.4	.	524.4	.	510.8
Malaysia	326	300	24.0	58.2	16.9	0.9	6.2	0.0	1.8	457.2	470.6	465.1	431.0	455.7	.	457.3
Malta	224	211	8.7	83.0	8.4	0.0	4.9	0.0	0.5	454.3	497.4	506.7	.	478.6	.	476.7
Morocco	373	356	29.4	55.1	11.2	4.3	2.3	0.0	2.8	381.8	386.7	387.1	374.1	384.9	.	371.4
New Zealand	489	465	4.6	85.8	9.5	0.1	3.8	0.0	0.5	465.9	496.2	484.2	534.8	472.4	.	458.1
Norway	239	214	2.4	94.5	3.1	0.0	8.6	0.0	1.1	491.6	513.8	501.8	.	498.7	.	499.1
Oman	356	351	8.3	85.7	5.6	0.4	0.0	0.0	1.4	400.8	404.8	381.3	423.2	.	.	399.1
Qatar	250	244	14.1	83.3	1.5	1.1	0.4	0.0	1.0	435.2	437.9	446.8	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	4.5	84.2	10.4	1.0	0.6	0.0	0.0	375.5	369.7	348.8	314.3	448.5	.	.
Singapore	334	328	11.6	81.5	6.7	0.2	1.7	0.0	0.7	630.5	620.8	587.9	589.8	681.7	.	660.1
Slovenia	467	436	14.4	80.5	5.1	0.0	5.3	0.0	1.1	513.0	517.8	506.4	560.1	512.4	.	516.9
South Africa	334	320	0.5	95.9	2.5	1.2	0.9	0.0	5.4	367.8	374.3	341.6	442.9	415.1	.	332.3
Sweden	206	197	18.8	68.7	11.7	0.9	1.8	0.0	1.4	499.9	500.7	495.7	511.3	510.0	.	534.6
Thailand	205	204	51.7	21.5	21.0	5.8	0.0	0.0	0.5	443.1	415.7	422.4	422.2	.	.	383.1
Turkey	220	220	47.0	43.3	5.8	3.9	0.0	0.0	0.0	446.7	467.8	468.1	461.9	.	.	.
United Arab Emirates	746	671	16.0	78.3	4.6	1.1	7.8	0.0	1.3	472.6	464.7	458.7	463.4	456.4	.	451.7
United States	429	367	0.9	94.2	3.9	1.1	13.6	0.0	0.7	624.0	518.3	494.3	512.4	516.7	.	561.5
International Avg. (38)	12055	11007	17.2	72.7	8.7	1.4	3.7	0.0	1.4	482.4	481.2	470.2	473.0	490.5	.	461.7
Buenos Aires, Argentina	138	60	25.3	72.2	2.6	0.0	57.3	0.0	0.3	374.8	394.8	392.3	.	400.5	.	471.1
Ontario, Canada	217	181	6.5	81.7	9.8	1.9	13.2	0.0	2.8	521.1	523.3	536.4	495.2	510.3	.	531.3
Quebec, Canada	175	161	16.7	80.5	2.3	0.5	7.9	0.0	0.0	564.3	546.6	532.9	550.6	474.1	.	.
Norway (8)	239	213	7.8	86.7	5.5	0.0	8.8	0.0	0.8	489.4	487.3	483.8	.	482.5	.	472.5
Abu Dhabi, UAE	207	179	13.7	77.0	7.7	1.7	11.4	0.0	2.3	437.6	441.4	434.4	437.8	444.7	.	479.7
Dubai, UAE	267	250	16.3	79.4	3.7	0.6	3.8	0.0	0.3	521.9	510.2	513.5	633.9	487.9	.	469.8
Florida, US	110	77	0.5	96.9	2.6	0.0	24.8	0.0	1.2	661.2	504.2	453.7	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Algebra: Properties of functions
Location: TQM-26Bf (BTBM26BF)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	13.3	79.1	5.7	1.9	9.5	0.0	3.1	497.6	512.6	479.3	497.6	477.2	.	491.5
Bahrain	201	195	14.4	78.8	5.7	1.1	1.0	0.0	3.9	475.2	450.8	459.2	427.2	452.8	.	439.8
Botswana	169	154	20.8	68.5	8.2	2.5	5.5	0.0	0.7	382.1	395.5	379.6	401.0	383.2	.	353.7
Canada	409	356	45.8	35.1	13.2	5.9	10.8	0.0	1.7	534.5	531.7	519.8	513.3	502.5	.	528.8
Chile	173	151	18.0	54.2	24.2	3.7	9.4	0.0	2.0	453.2	432.6	410.5	411.9	406.3	.	402.9
Chinese Taipei	216	215	74.8	15.3	8.8	1.1	0.0	0.0	0.5	597.8	601.9	611.1	564.8	.	.	566.0
Egypt	215	211	19.9	73.5	6.6	0.0	0.7	0.0	1.3	386.6	395.5	382.0	.	428.8	.	324.3
England	215	183	10.8	78.7	9.4	1.2	13.1	0.0	0.3	500.3	524.8	486.7	431.2	525.4	.	436.3
Georgia	188	176	15.1	75.4	8.9	0.6	0.0	0.0	7.0	454.0	452.6	447.4	468.6	.	.	463.4
Hong Kong SAR	175	172	60.6	31.2	6.2	2.0	1.8	0.0	0.2	595.7	589.4	580.8	654.3	615.8	.	550.5
Hungary	278	268	0.6	86.7	12.2	0.5	3.4	0.0	0.4	540.8	517.6	491.4	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	250	54.6	32.7	10.2	2.4	0.0	0.0	0.3	444.2	430.9	409.4	447.5	.	.	431.3
Ireland	526	480	11.7	81.8	6.4	0.1	7.1	0.0	0.7	504.5	526.3	511.5	525.7	535.6	.	497.8
Israel	603	527	0.3	96.9	2.3	0.5	6.6	0.0	3.4	564.4	513.1	485.7	422.5	513.3	.	472.0
Italy	230	215	24.6	45.4	23.9	6.1	4.6	0.0	0.4	489.2	501.7	487.4	471.8	512.6	.	529.2
Japan	231	228	7.5	67.2	25.1	0.3	0.3	0.0	0.5	647.1	581.8	581.8	540.4	571.1	.	577.9
Jordan	260	257	9.7	82.6	5.9	1.9	0.0	0.0	0.8	380.3	387.8	357.7	391.0	.	.	412.8
Kazakhstan	239	225	11.6	83.5	4.9	0.0	0.4	0.0	6.6	520.2	528.2	540.8	.	518.8	.	527.1
Korea, Rep. of	317	317	4.1	82.0	12.7	1.3	0.0	0.0	0.0	602.4	608.6	589.7	594.2	.	.	.
Kuwait	191	185	60.6	26.5	10.1	2.7	1.4	0.0	2.2	386.1	411.3	383.1	403.7	401.3	.	364.4
Lebanon	185	174	57.9	24.6	8.1	9.5	2.3	0.0	2.8	446.6	443.5	458.4	411.9	451.2	.	399.0
Lithuania	269	256	52.4	43.4	3.8	0.5	4.8	0.0	0.2	510.9	510.4	513.9	482.0	524.4	.	510.8
Malaysia	326	300	31.7	51.9	15.4	1.0	6.2	0.0	1.8	469.5	465.4	463.2	437.9	455.7	.	457.3
Malta	224	210	12.4	77.5	10.2	0.0	4.9	0.0	1.1	432.3	504.3	493.9	.	478.6	.	492.8
Morocco	373	359	48.6	34.1	12.5	4.8	2.3	0.0	1.2	383.5	385.8	390.5	373.7	384.9	.	358.7
New Zealand	489	466	18.5	68.6	10.5	2.5	3.8	0.0	0.4	489.9	501.9	457.0	447.7	472.4	.	469.6
Norway	239	214	1.5	94.7	3.8	0.0	8.6	0.0	1.1	496.3	513.8	497.1	.	498.7	.	499.1
Oman	356	352	55.8	31.6	11.1	1.5	0.0	0.0	1.8	405.8	400.4	399.7	369.5	.	.	417.4
Qatar	250	244	24.1	73.4	1.4	1.1	0.4	0.0	1.0	451.2	433.8	406.3	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	147	39.2	45.2	14.8	0.8	0.6	0.0	0.8	371.3	370.0	345.5	411.6	448.5	.	377.4
Singapore	334	328	12.5	79.8	7.7	0.0	1.7	0.0	0.7	625.7	619.0	616.5	.	681.7	.	660.1
Slovenia	467	436	46.2	50.4	3.4	0.1	5.3	0.0	1.1	514.3	519.2	506.1	548.7	512.4	.	516.9
South Africa	334	316	3.5	88.3	5.9	2.4	0.9	0.0	6.5	337.4	375.7	361.0	404.6	415.1	.	340.7
Sweden	206	196	24.2	65.3	9.7	0.9	1.8	0.0	1.7	494.1	504.6	487.0	492.5	510.0	.	518.5
Thailand	205	204	72.5	11.1	10.6	5.8	0.0	0.0	0.5	439.7	421.2	390.4	426.4	.	.	383.1
Turkey	220	220	40.4	51.2	6.1	2.3	0.0	0.0	0.0	443.9	468.8	449.7	470.8	.	.	.
United Arab Emirates	746	671	30.9	58.1	7.1	4.0	7.8	0.0	1.4	470.4	465.7	437.4	471.1	456.4	.	473.4
United States	429	367	1.0	93.3	3.3	2.4	13.6	0.0	0.7	548.8	518.5	510.2	506.4	516.7	.	561.5
International Avg. (38)	12055	10992	27.7	61.0	9.4	2.0	3.7	0.0	1.6	481.3	482.0	467.9	462.3	490.5	.	464.9
Buenos Aires, Argentina	138	58	58.5	40.9	0.0	0.5	57.3	0.0	1.8	377.4	407.3	.	411.8	400.5	.	399.7
Ontario, Canada	217	181	38.9	33.1	19.9	8.1	13.2	0.0	2.8	526.5	525.4	521.2	512.2	510.3	.	531.3
Quebec, Canada	175	158	53.0	42.8	2.7	1.5	9.0	0.0	0.2	551.9	546.4	547.6	570.6	481.1	.	462.3
Norway (8)	239	213	9.5	87.3	3.3	0.0	8.8	0.0	0.8	486.3	487.6	483.6	.	482.5	.	472.5
Abu Dhabi, UAE	207	180	35.5	50.6	11.4	2.5	11.4	0.0	2.0	438.6	443.9	433.5	414.8	444.7	.	491.9
Dubai, UAE	267	249	30.9	62.7	3.7	2.7	3.8	0.0	1.0	525.1	507.9	482.6	513.3	487.9	.	544.8
Florida, US	110	77	0.0	96.8	3.2	0.0	24.8	0.0	1.2	.	506.3	421.4	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics?Geometry: Geometric properties of angles and geometric shapes
Location: TQM-26Ca (BTBM26CA)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	4.7	87.7	7.3	0.4	9.5	0.0	2.5	501.9	510.3	489.7	482.6	477.2	.	492.1
Bahrain	201	197	12.2	84.4	3.4	0.0	1.0	0.0	2.3	423.1	459.4	454.9	.	452.8	.	416.5
Botswana	169	153	7.3	85.0	7.7	0.0	5.5	0.0	2.0	381.1	393.3	381.0	.	383.2	.	384.6
Canada	409	358	9.6	84.5	5.4	0.4	10.5	0.0	1.9	533.7	530.0	527.8	579.1	501.6	.	523.8
Chile	173	150	8.8	88.4	2.3	0.5	9.4	0.0	2.1	454.6	428.6	398.3	411.6	406.3	.	409.1
Chinese Taipei	216	216	4.3	92.5	3.2	0.0	0.0	0.0	0.0	569.8	601.0	583.1	.	.	.	.
Egypt	215	213	19.9	78.1	2.0	0.0	0.7	0.0	0.7	388.4	394.0	352.2	.	428.8	.	382.4
England	215	183	4.6	89.9	5.0	0.5	13.1	0.0	0.3	541.8	517.5	500.7	455.6	525.4	.	436.3
Georgia	188	177	2.5	93.5	4.0	0.0	0.0	0.0	4.7	505.8	451.4	466.1	.	.	.	449.9
Hong Kong SAR	175	170	19.1	64.3	14.8	1.7	1.8	0.0	0.9	589.1	593.8	596.6	654.5	615.8	.	539.9
Hungary	278	268	2.8	87.9	8.8	0.5	3.4	0.0	0.4	557.8	514.2	503.7	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	250	0.5	95.5	4.0	0.0	0.0	0.0	0.4	402.9	437.9	402.0	.	.	.	440.2
Ireland	526	479	9.2	84.9	6.0	0.0	7.1	0.0	0.8	510.0	524.0	523.7	.	535.6	.	504.2
Israel	603	526	11.0	84.3	3.8	0.9	6.6	0.0	4.0	546.5	511.6	457.8	434.4	513.3	.	466.7
Italy	230	215	9.6	79.3	10.4	0.7	4.6	0.0	0.7	493.5	495.0	479.0	517.4	512.6	.	516.8
Japan	231	228	11.6	67.6	20.8	0.0	0.3	0.0	0.5	628.5	582.1	577.6	.	571.1	.	577.9
Jordan	260	259	16.3	75.1	6.7	1.9	0.0	0.0	0.2	393.7	383.0	390.0	397.1	.	.	441.7
Kazakhstan	239	228	1.6	97.1	1.3	0.0	0.4	0.0	4.9	525.5	527.5	614.0	.	518.8	.	514.7
Korea, Rep. of	317	316	14.3	75.0	10.2	0.4	0.0	0.0	0.6	608.0	606.3	597.4	592.5	.	.	628.2
Kuwait	191	188	5.5	89.9	4.5	0.0	1.4	0.0	0.5	389.9	393.1	377.7	.	401.3	.	407.6
Lebanon	185	175	1.9	86.5	11.6	0.0	2.3	0.0	3.4	392.9	447.8	415.3	.	451.2	.	420.2
Lithuania	269	256	4.7	93.0	2.3	0.0	4.8	0.0	0.2	499.4	510.6	533.5	.	524.4	.	510.8
Malaysia	326	301	2.3	91.3	6.4	0.0	6.2	0.0	1.3	492.8	464.9	475.0	.	455.7	.	451.0
Malta	224	207	6.7	90.3	3.1	0.0	4.9	0.0	2.2	518.0	491.8	524.7	.	478.6	.	482.5
Morocco	373	358	9.9	82.9	6.1	1.1	2.3	0.0	1.2	382.0	384.7	381.2	370.7	384.9	.	413.1
New Zealand	489	467	5.6	87.0	5.4	1.9	3.8	0.0	0.2	483.0	496.1	476.2	460.4	472.4	.	462.2
Norway	239	213	1.5	97.7	0.8	0.0	8.6	0.0	1.5	492.5	513.3	491.8	.	498.7	.	509.8
Oman	356	353	6.6	87.2	6.2	0.0	0.0	0.0	0.9	411.1	403.8	387.7	.	.	.	390.9
Qatar	250	244	7.9	91.2	0.9	0.0	0.4	0.0	1.0	442.8	436.2	458.1	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	7.4	88.5	4.2	0.0	0.6	0.0	4.0	368.4	368.5	346.9	.	448.5	.	360.2
Singapore	334	329	25.0	68.5	6.3	0.2	1.7	0.0	0.3	650.0	609.8	614.2	589.8	681.7	.	569.3
Slovenia	467	435	11.2	83.3	5.5	0.0	5.3	0.0	1.2	511.1	517.8	508.0	.	512.4	.	523.2
South Africa	334	319	2.0	88.5	8.4	1.1	0.9	0.0	5.9	319.2	376.1	361.9	448.1	415.1	.	330.5
Sweden	206	198	2.8	92.2	5.0	0.0	1.8	0.0	1.2	503.9	501.1	482.7	.	510.0	.	528.4
Thailand	205	203	24.3	40.4	32.8	2.5	0.0	0.0	1.3	449.9	421.9	425.3	439.5	.	.	521.5
Turkey	220	219	35.3	58.6	2.3	3.8	0.0	0.0	0.6	453.7	458.1	399.5	500.3	.	.	594.1
United Arab Emirates	746	667	7.9	89.1	2.6	0.4	7.8	0.0	1.5	458.4	468.1	401.2	520.6	456.2	.	448.9
United States	429	366	20.4	72.1	5.9	1.5	13.6	0.0	0.8	533.2	513.3	525.5	516.2	516.7	.	559.1
International Avg. (38)	12055	10997	9.4	83.5	6.5	0.5	3.7	0.0	1.6	481.8	479.9	470.6	490.8	490.5	.	474.0
Buenos Aires, Argentina	138	60	0.0	97.4	2.6	0.0	57.3	0.0	0.3	.	390.8	348.5	.	400.5	.	471.1
Ontario, Canada	217	181	3.8	86.9	8.5	0.8	13.2	0.0	2.8	527.1	523.1	525.7	579.1	510.3	.	531.3
Quebec, Canada	175	161	15.9	83.3	0.8	0.0	7.9	0.0	0.0	557.2	547.3	600.6	.	474.1	.	.
Norway (8)	239	212	0.9	98.0	1.1	0.0	8.8	0.0	1.0	478.0	487.2	505.0	.	482.5	.	474.0
Abu Dhabi, UAE	207	179	8.3	86.2	5.1	0.3	11.4	0.0	2.3	425.4	444.4	393.4	431.9	444.7	.	483.1
Dubai, UAE	267	246	8.0	89.8	1.6	0.6	3.9	0.0	1.1	505.5	515.1	444.8	633.9	485.5	.	431.9
Florida, US	110	77	24.8	65.9	6.1	3.3	24.8	0.0	1.2	525.3	498.6	493.1	460.5	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Geometry: Congruent figures and similar triangles
Location: TQM-26Cb (BTBM26CB)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	11.5	77.3	9.3	1.9	9.5	0.0	2.5	499.4	509.3	510.1	514.4	477.2	.	492.9
Bahrain	201	197	12.6	84.6	2.8	0.0	1.0	0.0	2.3	442.4	456.2	468.2	.	452.8	.	416.5
Botswana	169	154	18.8	68.1	11.3	1.8	5.5	0.0	0.7	383.4	394.2	392.0	373.8	383.2	.	353.7
Canada	409	359	11.4	83.1	5.4	0.2	10.5	0.0	1.7	527.9	530.2	533.4	618.5	501.6	.	531.3
Chile	173	151	14.6	77.4	6.7	1.4	9.4	0.0	2.0	466.0	424.1	429.1	398.9	406.3	.	402.9
Chinese Taipei	216	216	11.4	79.8	8.8	0.0	0.0	0.0	0.0	606.4	601.0	572.1	.	.	.	.
Egypt	215	212	5.7	91.9	2.4	0.0	0.7	0.0	1.4	374.7	393.7	364.1	.	428.8	.	395.5
England	215	183	14.5	74.5	9.5	1.4	13.1	0.0	0.3	515.3	520.3	496.1	530.4	525.4	.	436.3
Georgia	188	179	31.6	61.3	5.5	1.6	0.0	0.0	4.2	461.4	447.9	462.8	478.0	.	.	447.0
Hong Kong SAR	175	171	20.8	61.4	17.8	0.0	1.8	0.0	1.2	581.9	601.7	581.8	.	615.8	.	579.3
Hungary	278	268	1.5	82.0	15.6	0.8	3.4	0.0	0.4	605.9	518.5	486.3	453.2	518.2	.	518.0
Iran, Islamic Rep. of	251	251	3.7	93.1	3.1	0.0	0.0	0.0	0.0	484.7	436.3	379.7	.	.	.	.
Ireland	526	480	12.5	80.0	6.8	0.7	7.1	0.0	0.7	505.6	526.3	513.8	508.0	535.6	.	503.2
Israel	603	525	1.1	94.4	3.2	1.3	6.6	0.0	4.1	490.1	516.3	446.8	428.2	513.3	.	468.9
Italy	230	216	6.6	80.4	12.3	0.7	4.6	0.0	0.0	493.8	494.6	484.9	517.4	512.6	.	.
Japan	231	228	15.8	58.4	24.5	1.3	0.3	0.0	0.5	602.5	587.9	573.7	575.9	571.1	.	577.9
Jordan	260	259	30.1	59.2	9.5	1.3	0.0	0.0	0.2	389.0	382.8	392.6	373.2	.	.	441.7
Kazakhstan	239	227	13.6	84.7	1.1	0.6	0.4	0.0	5.2	512.7	530.0	655.7	445.7	518.8	.	515.2
Korea, Rep. of	317	316	1.4	87.5	10.6	0.4	0.0	0.0	0.6	614.9	606.3	599.3	592.5	.	.	628.2
Kuwait	191	188	6.6	89.2	4.1	0.0	1.4	0.0	0.5	399.6	392.0	386.6	.	401.3	.	407.6
Lebanon	185	173	40.5	46.2	10.7	2.5	2.3	0.0	3.7	438.4	451.8	432.3	412.6	451.2	.	414.8
Lithuania	269	256	57.6	38.2	4.2	0.0	4.8	0.0	0.2	512.2	510.3	492.3	.	524.4	.	510.8
Malaysia	326	301	9.4	81.2	9.4	0.0	6.2	0.0	1.3	459.7	464.8	484.5	.	455.7	.	451.0
Malta	224	209	53.0	42.0	5.0	0.0	4.9	0.0	1.5	481.6	505.9	531.9	.	478.6	.	496.1
Morocco	373	359	42.2	43.8	10.0	4.1	2.3	0.0	1.1	386.9	383.8	378.3	372.2	384.9	.	410.8
New Zealand	489	466	24.6	62.3	12.2	0.9	3.8	0.0	0.5	494.4	497.5	471.3	498.8	472.4	.	487.8
Norway	239	213	5.0	91.2	3.8	0.0	8.6	0.0	1.5	528.2	512.6	498.3	.	498.7	.	509.8
Oman	356	352	7.8	86.7	5.5	0.0	0.0	0.0	1.0	405.5	404.4	383.7	.	.	.	385.0
Qatar	250	244	20.1	77.1	1.8	1.1	0.4	0.0	1.0	426.6	439.9	462.2	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	147	7.8	86.9	3.2	2.1	0.6	0.0	2.2	359.2	370.6	342.3	302.0	448.5	.	361.7
Singapore	334	329	6.9	81.4	11.7	0.0	1.7	0.0	0.3	632.9	618.2	625.4	.	681.7	.	569.3
Slovenia	467	435	41.7	54.5	3.3	0.5	5.3	0.0	1.2	515.0	517.4	524.2	491.3	512.4	.	523.2
South Africa	334	319	1.2	90.9	6.3	1.6	0.9	0.0	5.6	342.1	374.4	361.2	448.0	415.1	.	332.1
Sweden	206	197	22.7	63.0	13.0	1.3	1.8	0.0	1.5	495.8	503.7	490.1	496.9	510.0	.	532.7
Thailand	205	203	17.5	43.5	34.9	4.1	0.0	0.0	1.3	444.0	427.1	428.5	419.7	.	.	521.5
Turkey	220	220	0.7	88.4	3.9	7.0	0.0	0.0	0.0	430.8	457.3	466.6	459.0	.	.	.
United Arab Emirates	746	667	13.6	79.9	5.8	0.7	7.8	0.0	1.7	476.0	462.7	476.3	518.6	456.4	.	456.9
United States	429	366	13.0	78.9	5.8	2.2	13.6	0.0	0.8	542.2	514.7	512.1	517.3	516.7	.	559.1
International Avg. (38)	12055	11003	16.6	73.8	8.4	1.1	3.7	0.0	1.4	482.3	481.2	476.1	466.0	490.5	.	472.1
Buenos Aires, Argentina	138	60	36.9	58.1	5.1	0.0	57.3	0.0	0.3	365.8	404.8	390.5	.	400.5	.	471.1
Ontario, Canada	217	181	4.9	89.3	5.8	0.0	13.2	0.0	2.8	538.9	522.0	539.9	.	510.3	.	531.3
Quebec, Canada	175	161	17.3	79.8	2.2	0.6	7.9	0.0	0.0	543.8	549.8	556.7	618.5	474.1	.	.
Norway (8)	239	211	10.3	85.7	4.0	0.0	8.8	0.0	1.4	485.1	488.2	470.8	.	482.5	.	487.3
Abu Dhabi, UAE	207	179	11.3	81.0	7.4	0.3	11.4	0.0	2.3	442.2	440.4	434.8	431.9	444.7	.	483.1
Dubai, UAE	267	249	13.7	81.3	3.6	1.4	3.8	0.0	0.6	525.2	510.1	514.3	578.1	487.9	.	437.1
Florida, US	110	77	15.0	82.0	2.9	0.0	24.8	0.0	1.2	549.2	495.5	496.1	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Geometry: Relationship between three-dimensional shapes and their two-dimensional representations
Location: TQM-26Cc (BTBM26CC)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	767	12.9	79.0	7.5	0.6	9.5	0.0	3.1	519.9	506.8	509.5	469.6	477.2	.	491.5
Bahrain	201	196	9.1	84.5	5.2	1.3	1.0	0.0	3.0	433.9	457.4	454.8	438.2	452.8	.	424.8
Botswana	169	152	18.6	71.2	9.3	0.8	5.5	0.0	1.0	379.6	394.6	392.1	387.5	383.2	.	369.6
Canada	409	358	10.3	78.1	9.8	1.8	10.5	0.0	1.7	543.5	529.2	520.6	554.3	501.6	.	528.8
Chile	173	149	12.0	71.0	14.5	2.6	9.4	0.0	3.2	455.8	428.6	418.2	427.5	406.3	.	410.0
Chinese Taipei	216	216	54.5	40.8	4.6	0.0	0.0	0.0	0.0	602.2	596.2	589.5	406.1	.	.	.
Egypt	215	212	54.8	29.2	13.7	2.3	0.7	0.0	0.8	391.4	402.4	367.5	417.7	428.8	.	395.8
England	215	182	12.8	78.8	7.5	0.9	13.1	0.0	0.6	524.9	516.9	516.3	490.6	525.4	.	443.9
Georgia	188	172	31.9	52.1	14.0	1.9	0.0	0.0	8.4	464.0	448.6	442.5	493.9	.	.	449.7
Hong Kong SAR	175	172	51.1	33.3	13.8	1.8	1.8	0.0	0.2	598.0	585.2	595.4	629.4	615.8	.	550.5
Hungary	278	268	18.8	51.8	26.5	2.8	3.4	0.0	0.4	498.9	525.1	510.1	457.7	518.2	.	518.0
Iran, Islamic Rep. of	251	248	40.1	41.0	17.0	1.9	0.0	0.0	1.5	440.8	446.5	410.3	375.7	.	.	413.9
Ireland	526	476	13.5	74.1	11.3	1.1	7.1	0.0	1.5	511.8	525.2	525.3	481.9	535.6	.	500.0
Israel	603	525	36.2	48.2	10.0	5.6	6.6	0.0	4.1	508.4	521.2	493.5	503.6	513.3	.	465.3
Italy	230	216	0.5	83.1	15.7	0.7	4.6	0.0	0.0	351.9	494.6	491.3	517.4	512.6	.	.
Japan	231	228	44.8	35.9	18.3	1.0	0.3	0.0	0.5	590.4	585.0	580.3	584.9	571.1	.	577.9
Jordan	260	258	31.2	49.6	16.0	3.2	0.0	0.0	0.8	379.9	390.0	378.7	405.2	.	.	387.3
Kazakhstan	239	225	29.0	62.6	8.4	0.0	0.4	0.0	5.6	528.5	532.0	497.5	.	518.8	.	524.2
Korea, Rep. of	317	316	44.2	44.5	11.1	0.3	0.0	0.0	0.6	606.5	604.7	604.9	639.9	.	.	628.2
Kuwait	191	187	63.2	27.2	6.9	2.8	1.4	0.0	1.2	384.0	414.0	386.5	384.6	401.3	.	394.0
Lebanon	185	174	59.1	25.6	10.5	4.8	2.3	0.0	2.8	441.9	442.7	459.2	433.7	451.2	.	399.0
Lithuania	269	253	65.2	29.7	4.1	1.0	4.8	0.0	0.9	508.0	516.9	511.0	493.2	524.4	.	514.8
Malaysia	326	301	16.9	67.8	14.7	0.6	6.2	0.0	1.3	467.5	462.8	478.7	496.3	455.7	.	451.0
Malta	224	208	29.7	57.0	12.8	0.5	4.9	0.0	1.9	486.6	492.9	515.3	544.7	478.6	.	502.3
Morocco	373	357	23.3	54.0	17.3	5.4	2.3	0.0	2.3	379.3	385.7	386.0	378.5	384.9	.	405.0
New Zealand	489	467	15.5	69.0	12.3	3.2	3.8	0.0	0.2	498.4	494.8	487.4	468.3	472.4	.	462.2
Norway	239	213	8.1	79.1	12.8	0.0	8.6	0.0	1.5	510.8	513.1	512.3	.	498.7	.	509.8
Oman	356	345	33.6	50.9	10.9	4.6	0.0	0.0	4.1	398.3	406.3	398.9	407.8	.	.	410.3
Qatar	250	244	21.2	71.3	6.0	1.5	0.4	0.0	1.0	439.9	438.1	430.5	362.0	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	144	21.4	62.6	12.7	3.3	0.6	0.0	2.7	374.5	369.2	358.2	322.2	448.5	.	361.5
Singapore	334	329	19.1	63.7	16.4	0.7	1.7	0.0	0.3	629.0	620.7	609.5	564.5	681.7	.	569.3
Slovenia	467	434	42.1	49.6	7.3	1.1	5.3	0.0	1.5	508.3	523.8	514.8	532.0	512.4	.	506.7
South Africa	334	319	3.6	78.6	13.8	4.0	0.9	0.0	5.5	343.8	378.8	344.6	418.9	415.1	.	331.4
Sweden	206	197	22.2	58.3	16.8	2.7	1.8	0.0	1.5	501.4	501.0	495.5	497.6	510.0	.	532.7
Thailand	205	202	43.8	25.1	27.1	3.9	0.0	0.0	1.7	448.4	412.6	418.1	430.5	.	.	484.8
Turkey	220	220	10.4	67.3	15.7	6.5	0.0	0.0	0.0	450.6	463.7	434.6	462.1	.	.	.
United Arab Emirates	746	666	21.9	68.8	7.6	1.7	7.8	0.0	1.8	450.1	473.9	438.9	446.6	456.4	.	463.3
United States	429	366	21.7	63.9	10.5	3.8	13.6	0.0	0.8	527.8	512.6	530.7	522.3	516.7	.	559.1
International Avg. (38)	12055	10962	28.1	57.3	12.4	2.2	3.7	0.0	1.8	475.8	481.9	473.9	468.0	490.5	.	467.1
Buenos Aires, Argentina	138	59	68.2	23.8	6.0	2.0	57.3	0.0	1.1	373.2	426.2	414.2	454.9	400.5	.	401.9
Ontario, Canada	217	181	5.7	79.1	12.7	2.5	13.2	0.0	2.8	530.5	522.3	524.6	556.0	510.3	.	531.3
Quebec, Canada	175	160	20.1	77.3	1.9	0.6	7.9	0.0	0.2	553.6	547.3	572.9	626.2	474.1	.	462.3
Norway (8)	239	212	8.2	77.7	13.9	0.2	8.8	0.0	1.0	484.5	488.3	484.0	469.4	482.5	.	474.0
Abu Dhabi, UAE	207	177	28.8	58.7	11.3	1.2	11.4	0.0	3.0	435.3	448.6	409.4	418.2	444.7	.	478.8
Dubai, UAE	267	247	19.2	75.8	4.2	0.8	3.8	0.0	1.2	488.5	519.0	497.5	602.5	487.9	.	498.3
Florida, US	110	77	31.0	58.9	8.7	1.4	24.8	0.0	1.2	518.7	496.8	494.5	513.9	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Geometry: Using appropriate measurement formulas for perimeters, circumferences, areas, surface areas, and volumes
Location: TQM-26Cd (BTBM26CD)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Some what prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Some what prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	2.7	92.9	4.1	0.3	9.5	0.0	2.5	497.7	510.1	476.3	482.5	477.2	.	492.1
Bahrain	201	197	2.8	95.6	1.6	0.0	1.0	0.0	2.3	432.4	455.5	456.4	.	452.8	.	416.5
Botswana	169	154	4.2	91.4	4.3	0.0	5.5	0.0	0.7	365.5	393.0	386.6	.	383.2	.	353.7
Canada	409	359	2.3	95.0	2.7	0.0	10.5	0.0	1.7	517.8	531.0	518.2	358.4	501.6	.	531.3
Chile	173	151	0.9	95.8	2.7	0.5	9.4	0.0	2.0	439.5	431.1	398.6	411.6	406.3	.	402.9
Chinese Taipei	216	215	31.9	63.1	5.1	0.0	0.0	0.0	0.7	602.4	599.6	567.3	.	.	.	632.3
Egypt	215	212	5.4	89.2	5.4	0.0	0.7	0.0	1.4	382.2	392.2	396.2	.	428.8	.	395.5
England	215	182	2.9	91.7	4.5	0.9	13.1	0.0	0.6	528.5	518.2	512.7	453.7	525.4	.	437.9
Georgia	188	177	13.2	78.6	7.1	1.1	0.0	0.0	5.1	467.4	451.6	443.1	500.7	.	.	445.2
Hong Kong SAR	175	171	9.3	72.8	17.0	0.9	1.8	0.0	0.5	590.9	593.5	596.0	650.1	615.8	.	515.8
Hungary	278	268	2.5	88.8	8.2	0.5	3.4	0.0	0.4	522.1	515.5	501.6	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	250	10.7	84.9	4.4	0.0	0.0	0.0	0.2	467.4	434.3	401.4	.	.	.	427.5
Ireland	526	480	6.5	90.5	2.9	0.2	7.1	0.0	0.7	517.3	523.0	524.4	548.5	535.6	.	503.2
Israel	603	526	12.2	80.1	6.1	1.6	6.6	0.0	4.0	528.8	512.9	472.2	532.9	513.3	.	466.7
Italy	230	216	0.0	92.3	7.0	0.7	4.6	0.0	0.0	.	494.3	480.6	517.4	512.6	.	.
Japan	231	228	45.9	37.0	16.6	0.5	0.3	0.0	0.5	591.8	587.0	572.8	533.9	571.1	.	577.9
Jordan	260	258	8.3	83.4	6.5	1.8	0.0	0.0	0.4	375.0	386.3	382.7	401.5	.	.	417.3
Kazakhstan	239	227	4.2	93.9	1.0	0.8	0.4	0.0	5.6	513.7	528.3	657.3	442.8	518.8	.	520.3
Korea, Rep. of	317	316	46.4	45.9	6.5	1.2	0.0	0.0	0.6	607.2	606.4	601.2	539.7	.	.	628.2
Kuwait	191	187	20.7	72.0	5.9	1.3	1.4	0.0	1.2	375.0	398.6	382.5	367.2	401.3	.	394.0
Lebanon	185	173	7.3	71.4	17.2	4.1	2.3	0.0	3.7	452.4	444.8	440.1	414.2	451.2	.	414.8
Lithuania	269	256	2.1	94.2	3.7	0.0	4.8	0.0	0.2	468.9	511.4	515.7	.	524.4	.	510.8
Malaysia	326	301	1.0	92.9	6.1	0.0	6.2	0.0	1.3	456.2	466.9	457.3	.	455.7	.	451.0
Malta	224	209	6.3	89.4	4.4	0.0	4.9	0.0	1.5	469.4	495.2	512.1	.	478.6	.	496.1
Morocco	373	354	6.7	80.5	11.4	1.4	2.3	0.0	2.5	393.2	384.4	374.5	376.6	384.9	.	408.1
New Zealand	489	467	2.8	90.8	6.3	0.1	3.8	0.0	0.2	498.4	494.1	483.3	534.8	472.4	.	462.2
Norway	239	213	0.0	99.5	0.5	0.0	8.6	0.0	1.5	.	512.9	483.4	.	498.7	.	509.8
Oman	356	353	5.6	86.8	7.3	0.3	0.0	0.0	1.1	424.5	402.1	398.9	381.4	.	.	415.6
Qatar	250	244	7.3	92.2	0.5	0.0	0.4	0.0	1.0	431.8	437.2	465.4	.	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	3.4	89.7	6.9	0.0	0.6	0.0	0.0	340.1	370.1	343.7	.	448.5	.	.
Singapore	334	329	7.5	85.2	7.3	0.0	1.7	0.0	0.3	680.3	618.5	576.4	.	681.7	.	569.3
Slovenia	467	434	18.5	78.5	2.3	0.7	5.3	0.0	1.4	512.4	517.8	500.6	528.2	512.4	.	522.4
South Africa	334	320	2.0	82.9	12.8	2.3	0.9	0.0	5.4	323.3	377.6	347.6	443.4	415.1	.	332.3
Sweden	206	197	1.3	92.0	6.2	0.5	1.8	0.0	1.9	492.7	501.7	480.2	506.2	510.0	.	513.3
Thailand	205	203	40.3	30.5	25.5	3.8	0.0	0.0	1.3	434.7	422.0	434.0	425.0	.	.	521.5
Turkey	220	219	5.9	77.0	10.5	6.6	0.0	0.0	0.6	442.9	464.6	406.1	474.6	.	.	429.7
United Arab Emirates	746	669	5.7	90.3	3.5	0.4	7.8	0.0	2.1	465.5	466.6	447.1	520.6	456.4	.	440.9
United States	429	366	13.8	79.5	4.9	1.9	13.6	0.0	0.8	537.8	515.0	506.7	537.0	516.7	.	559.1
International Avg. (38)	12055	10997	9.8	82.6	6.8	0.9	3.7	0.0	1.5	476.3	480.7	471.1	474.9	490.5	.	473.4
Buenos Aires, Argentina	138	60	32.6	59.3	7.6	0.5	57.3	0.0	0.3	376.6	395.1	402.6	411.8	400.5	.	471.1
Ontario, Canada	217	181	0.6	97.1	2.3	0.0	13.2	0.0	2.8	482.3	524.0	535.0	358.4	510.3	.	531.3
Quebec, Canada	175	161	4.1	95.4	0.5	0.0	7.9	0.0	0.0	549.2	549.3	549.0	.	474.1	.	.
Norway (8)	239	212	2.8	95.4	1.7	0.0	8.8	0.0	1.0	479.5	487.5	488.5	.	482.5	.	474.0
Abu Dhabi, UAE	207	179	4.9	89.5	5.2	0.3	11.4	0.0	3.4	430.1	441.5	434.6	431.9	444.7	.	460.2
Dubai, UAE	267	250	7.5	88.9	3.0	0.6	3.8	0.0	0.3	508.0	513.3	490.5	633.9	487.9	.	469.8
Florida, US	110	77	17.7	78.8	3.5	0.0	24.8	0.0	1.2	527.2	497.7	517.4	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Geometry: Points on the Cartesian plane
Location: TQM-26Ce (BTBM26CE)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	3.7	91.3	4.4	0.7	9.5	0.0	2.5	479.9	510.7	491.7	448.1	477.2	.	491.9
Bahrain	201	196	9.2	85.7	4.5	0.6	1.0	0.0	3.1	446.3	456.1	456.5	415.6	452.8	.	422.6
Botswana	169	154	11.2	85.5	3.3	0.0	5.5	0.0	0.7	385.8	392.1	395.6	.	383.2	.	353.7
Canada	409	358	8.6	82.2	8.2	1.0	10.5	0.0	1.7	527.5	532.0	515.2	542.7	501.6	.	528.8
Chile	173	151	5.5	92.1	1.9	0.5	9.4	0.0	2.0	411.3	432.6	373.2	411.6	406.3	.	402.9
Chinese Taipei	216	215	40.7	58.1	1.2	0.0	0.0	0.0	0.5	595.6	601.7	585.7	.	.	.	612.4
Egypt	215	212	23.7	72.1	3.2	1.0	0.7	0.0	1.4	379.2	397.8	373.8	327.4	428.8	.	395.5
England	215	183	12.3	81.4	3.2	3.1	13.1	0.0	0.3	501.6	522.8	513.1	441.8	525.4	.	436.3
Georgia	188	178	6.5	87.9	5.2	0.5	0.0	0.0	4.7	467.3	452.9	443.9	548.1	.	.	439.8
Hong Kong SAR	175	172	44.6	44.6	9.1	1.8	1.8	0.0	0.2	600.4	590.8	573.9	614.5	615.8	.	550.5
Hungary	278	268	4.0	86.4	7.9	1.7	3.4	0.0	0.4	559.7	514.7	508.8	414.3	518.2	.	518.0
Iran, Islamic Rep. of	251	251	16.9	74.4	6.2	2.5	0.0	0.0	0.0	427.9	443.0	400.1	385.2	.	.	.
Ireland	526	480	6.2	90.3	3.2	0.3	7.1	0.0	0.7	500.3	525.5	488.0	536.4	535.6	.	503.2
Israel	603	526	10.4	86.4	2.1	1.1	6.6	0.0	4.0	555.5	509.1	472.4	465.0	513.3	.	466.7
Italy	230	216	1.0	90.0	8.3	0.7	4.6	0.0	0.0	497.9	493.5	491.0	517.4	512.6	.	.
Japan	231	228	40.5	42.7	15.9	1.0	0.3	0.0	0.5	591.6	583.7	581.6	581.6	571.1	.	577.9
Jordan	260	259	11.8	82.9	3.5	1.7	0.0	0.0	0.2	399.5	383.7	374.7	395.3	.	.	441.7
Kazakhstan	239	228	4.5	94.1	1.4	0.0	0.4	0.0	4.9	527.5	527.3	613.2	.	518.8	.	514.7
Korea, Rep. of	317	316	43.0	48.3	7.4	1.2	0.0	0.0	0.6	606.2	606.4	607.9	539.7	.	.	628.2
Kuwait	191	187	22.7	74.4	1.8	1.0	1.4	0.0	1.1	372.5	399.1	381.1	353.6	401.3	.	400.9
Lebanon	185	174	21.3	59.4	13.2	6.1	2.3	0.0	2.8	442.9	449.5	436.6	402.1	451.2	.	399.0
Lithuania	269	255	35.9	61.4	2.7	0.0	4.8	0.0	1.0	504.3	514.1	520.4	505.0	524.4	.	498.8
Malaysia	326	301	0.7	92.9	6.5	0.0	6.2	0.0	1.3	522.7	466.5	454.8	.	455.7	.	451.0
Malta	224	209	14.1	81.0	4.9	0.0	4.9	0.0	1.5	504.7	491.9	503.3	.	478.6	.	496.1
Morocco	373	356	33.9	50.0	10.9	5.2	2.3	0.0	1.8	381.5	386.2	381.3	385.1	384.9	.	403.0
New Zealand	489	466	12.0	75.2	9.5	3.3	3.8	0.0	0.5	470.8	502.5	477.3	419.3	472.4	.	487.8
Norway	239	213	2.0	97.6	0.5	0.0	8.6	0.0	1.5	501.1	513.2	483.4	.	498.7	.	509.8
Oman	356	351	9.6	86.2	4.1	0.1	0.0	0.0	1.9	411.6	403.0	393.8	415.8	.	.	389.3
Qatar	250	244	11.8	85.9	1.2	1.1	0.4	0.0	1.0	437.4	437.3	461.4	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	14.1	77.9	7.0	1.0	0.6	0.0	0.0	352.2	373.6	335.1	314.8	448.5	.	.
Singapore	334	329	16.0	79.3	4.4	0.2	1.7	0.0	0.3	655.7	614.1	608.0	389.4	681.7	.	569.3
Slovenia	467	435	11.0	82.2	6.7	0.1	5.3	0.0	1.2	511.5	517.0	517.9	521.7	512.4	.	523.2
South Africa	334	318	1.6	90.6	6.5	1.3	0.9	0.0	6.1	321.0	374.2	372.9	445.6	415.1	.	338.0
Sweden	206	198	21.6	68.3	7.9	2.3	1.8	0.0	1.2	498.9	501.9	494.3	482.4	510.0	.	528.4
Thailand	205	204	40.9	24.7	29.3	5.1	0.0	0.0	0.5	447.2	419.4	421.1	426.7	.	.	383.1
Turkey	220	220	28.2	64.6	1.6	5.6	0.0	0.0	0.0	461.7	455.6	373.5	484.7	.	.	.
United Arab Emirates	746	671	11.5	84.2	3.4	0.9	7.8	0.0	1.6	452.6	469.1	406.7	474.2	456.4	.	482.3
United States	429	366	16.8	75.4	4.6	3.2	13.6	0.0	0.8	526.3	518.3	487.5	516.4	516.7	.	559.1
International Avg. (38)	12055	11004	16.6	76.0	6.0	1.5	3.7	0.0	1.4	479.9	481.1	467.7	452.9	490.5	.	474.0
Buenos Aires, Argentina	138	60	22.7	76.7	0.0	0.5	57.3	0.0	0.3	389.4	389.7	.	411.8	400.5	.	471.1
Ontario, Canada	217	181	2.6	83.6	12.1	1.8	13.2	0.0	2.8	494.1	525.7	514.8	542.9	510.3	.	531.3
Quebec, Canada	175	160	16.0	83.4	0.6	0.0	7.9	0.0	0.2	549.4	549.0	626.2	508.9	474.1	.	462.3
Norway (8)	239	212	5.3	93.3	1.4	0.0	8.8	0.0	1.0	490.3	487.2	483.5	.	482.5	.	474.0
Abu Dhabi, UAE	207	179	12.1	80.9	5.7	1.2	11.4	0.0	3.2	431.5	443.1	385.0	462.1	444.7	.	513.8
Dubai, UAE	267	250	11.3	86.7	1.5	0.6	3.8	0.0	0.3	506.2	513.9	461.1	633.9	487.9	.	469.8
Florida, US	110	77	21.8	76.2	2.0	0.0	24.8	0.0	1.2	520.1	499.4	485.7	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Geometry: Translation, reflection, and rotation
Location: TQM-26Cf (BTBM26CF)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	766	13.5	76.9	8.6	1.0	9.5	0.0	2.5	504.1	508.9	510.5	508.9	477.2	.	491.5
Bahrain	201	196	12.7	80.5	5.1	1.7	1.0	0.0	2.8	458.8	452.7	479.1	446.0	452.8	.	429.6
Botswana	169	154	4.2	87.9	7.9	0.0	5.5	0.0	0.7	385.5	391.8	391.8	.	383.2	.	353.7
Canada	409	357	16.7	70.2	13.1	0.0	10.5	0.0	1.9	551.8	527.6	517.7	.	501.6	.	528.4
Chile	173	151	0.9	93.5	5.0	0.5	9.4	0.0	2.0	439.5	432.5	388.0	411.6	406.3	.	402.9
Chinese Taipei	216	216	65.1	22.7	11.2	1.0	0.0	0.0	0.0	601.3	595.4	597.0	560.8	.	.	.
Egypt	215	210	31.6	60.7	7.1	0.5	0.7	0.0	2.5	393.7	394.1	370.0	358.5	428.8	.	386.5
England	215	182	9.1	86.3	4.0	0.6	13.1	0.0	0.6	497.6	521.4	474.3	593.3	525.4	.	437.9
Georgia	188	177	10.6	78.8	9.6	1.0	0.0	0.0	5.2	480.1	449.8	451.6	514.3	.	.	441.9
Hong Kong SAR	175	172	50.7	38.3	10.1	0.9	1.8	0.0	0.2	595.5	592.5	586.4	650.1	615.8	.	550.5
Hungary	278	268	2.7	81.4	15.5	0.5	3.4	0.0	0.4	570.9	516.4	494.9	464.5	518.2	.	518.0
Iran, Islamic Rep. of	251	250	9.6	80.1	9.7	0.5	0.0	0.0	0.2	460.8	437.5	405.7	408.3	.	.	360.3
Ireland	526	480	15.8	74.6	9.0	0.5	7.1	0.0	0.7	515.7	523.9	526.3	506.2	535.6	.	503.2
Israel	603	520	38.0	48.9	8.9	4.1	6.7	0.0	4.4	514.8	511.0	514.8	510.0	513.3	.	470.2
Italy	230	213	9.0	56.0	29.8	5.2	4.6	0.0	2.0	484.0	497.4	491.7	476.3	512.6	.	499.1
Japan	231	228	50.6	33.3	15.7	0.3	0.3	0.0	0.5	589.3	582.2	586.3	625.7	571.1	.	577.9
Jordan	260	258	38.8	49.7	9.7	1.9	0.0	0.0	0.9	385.3	385.0	380.4	397.7	.	.	457.6
Kazakhstan	239	224	30.2	59.6	9.6	0.6	0.4	0.0	7.1	523.1	531.3	523.7	445.7	518.8	.	530.7
Korea, Rep. of	317	316	46.6	38.6	14.3	0.4	0.0	0.0	0.6	606.0	606.1	603.4	584.1	.	.	628.2
Kuwait	191	188	17.0	78.2	4.2	0.6	1.4	0.0	0.5	410.4	389.8	373.6	331.9	401.3	.	407.6
Lebanon	185	174	40.1	41.5	12.4	6.0	2.3	0.0	2.8	444.0	446.4	435.1	437.0	451.2	.	399.0
Lithuania	269	256	62.9	33.3	3.7	0.1	4.8	0.0	0.2	510.0	511.9	511.1	447.9	524.4	.	510.8
Malaysia	326	301	1.7	89.5	8.8	0.0	6.2	0.0	1.3	455.0	469.2	437.8	.	455.7	.	451.0
Malta	224	209	38.6	54.2	7.2	0.0	4.9	0.0	1.5	482.5	502.4	496.4	.	478.6	.	496.1
Morocco	373	356	58.9	20.5	11.3	9.2	2.3	0.0	1.5	382.1	387.8	391.9	384.8	384.9	.	369.2
New Zealand	489	467	11.6	80.7	7.0	0.8	3.8	0.0	0.2	497.1	494.4	475.5	516.9	472.4	.	462.2
Norway	239	213	4.0	85.9	10.1	0.0	8.6	0.0	1.5	528.4	513.6	499.6	.	498.7	.	509.8
Oman	356	351	28.4	62.6	8.2	0.8	0.0	0.0	1.1	417.1	398.8	391.8	374.5	.	.	397.6
Qatar	250	244	17.1	80.3	1.6	1.1	0.4	0.0	1.0	455.2	433.3	467.6	370.7	546.5	.	411.1
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	147	11.4	77.2	10.1	1.3	1.3	0.0	0.0	363.4	371.4	345.1	341.2	386.6	.	.
Singapore	334	329	49.4	38.1	10.2	2.4	1.7	0.0	0.3	626.0	615.2	611.3	612.7	681.7	.	569.3
Slovenia	467	434	39.3	54.2	6.5	0.0	5.3	0.0	1.4	513.2	518.6	518.5	.	512.4	.	522.6
South Africa	334	316	4.2	77.3	14.1	4.4	0.9	0.0	6.6	335.7	379.0	359.7	375.8	415.1	.	339.1
Sweden	206	198	26.2	45.2	24.6	4.0	1.8	0.0	1.2	494.9	504.0	500.7	489.4	510.0	.	528.4
Thailand	205	203	11.4	50.7	31.0	6.9	0.0	0.0	1.2	434.5	429.6	432.5	439.6	.	.	403.0
Turkey	220	220	6.7	78.4	8.0	6.9	0.0	0.0	0.0	455.3	460.5	428.8	460.6	.	.	.
United Arab Emirates	746	669	22.7	69.9	4.6	2.8	7.8	0.0	1.5	472.6	463.4	447.4	492.2	456.4	.	458.5
United States	429	366	6.9	81.6	9.2	2.4	13.6	0.0	0.8	557.9	517.4	493.8	523.5	516.7	.	559.1
International Avg. (38)	12055	10979	24.1	63.6	10.4	1.9	3.7	0.0	1.6	484.0	480.6	471.4	470.7	488.4	.	467.5
Buenos Aires, Argentina	138	59	73.8	24.2	2.0	0.0	57.3	0.0	1.1	377.2	423.1	454.9	.	400.5	.	401.9
Ontario, Canada	217	180	3.0	80.9	16.1	0.0	13.2	0.0	3.1	513.9	525.0	520.0	.	510.3	.	530.6
Quebec, Canada	175	160	43.8	54.0	2.2	0.0	7.9	0.0	0.2	558.0	540.8	591.2	.	474.1	.	462.3
Norway (8)	239	212	9.9	81.2	8.4	0.4	8.8	0.0	1.0	484.6	489.1	474.6	474.0	482.5	.	474.0
Abu Dhabi, UAE	207	179	23.5	69.8	6.0	0.8	11.4	0.0	2.5	454.3	436.0	431.9	425.5	444.7	.	488.4
Dubai, UAE	267	249	26.6	68.7	3.6	1.1	3.8	0.0	0.6	515.8	513.2	482.3	540.4	487.9	.	457.1
Florida, US	110	77	9.6	80.2	8.3	1.9	24.8	0.0	1.2	576.7	499.1	481.3	421.4	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Data and Chance: Characteristics of data sets
Location: TQM-26Da (BTBM26DA)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	5.2	89.8	5.0	0.0	9.5	0.0	2.5	513.2	508.9	494.1	463.8	477.2	.	491.7
Bahrain	201	197	5.4	92.3	1.8	0.6	1.0	0.0	2.3	442.3	455.3	481.5	415.6	452.8	.	416.5
Botswana	169	154	6.7	88.0	5.3	0.0	5.5	0.0	0.7	374.6	393.0	388.4	.	383.2	.	353.7
Canada	409	358	13.8	80.4	5.7	0.2	10.5	0.0	1.7	549.8	527.9	513.6	626.2	501.6	.	528.8
Chile	173	151	1.6	92.9	4.9	0.5	9.4	0.0	2.0	483.4	430.3	413.2	411.6	406.3	.	402.9
Chinese Taipei	216	216	87.0	10.7	1.5	0.8	0.0	0.0	0.0	598.5	604.1	600.6	591.5	.	.	.
Egypt	215	211	10.1	85.3	4.6	0.0	0.7	0.0	1.9	369.6	393.7	404.4	.	428.8	.	401.1
England	215	183	3.2	93.7	2.6	0.5	13.1	0.0	0.3	537.0	517.9	488.1	455.6	525.4	.	436.3
Georgia	188	176	12.2	78.3	9.5	0.0	0.0	0.0	5.6	468.0	450.5	465.5	.	.	.	438.5
Hong Kong SAR	175	172	45.7	41.4	10.7	2.3	1.8	0.0	0.2	595.6	586.1	610.8	624.5	615.8	.	550.5
Hungary	278	268	7.3	56.9	33.8	2.0	3.4	0.0	0.4	529.6	516.7	511.4	437.7	518.2	.	518.0
Iran, Islamic Rep. of	251	250	20.2	72.8	5.8	1.2	0.0	0.0	0.6	443.8	436.1	425.7	392.0	.	.	399.0
Ireland	526	479	8.7	87.3	3.8	0.2	7.1	0.0	0.9	533.4	521.7	521.1	555.3	535.6	.	504.3
Israel	603	525	1.9	92.6	3.3	2.2	6.6	0.0	4.2	496.4	516.7	440.0	466.8	513.3	.	468.8
Italy	230	216	5.1	69.1	24.5	1.2	4.6	0.0	0.0	492.7	495.1	488.1	515.2	512.6	.	.
Japan	231	228	50.5	27.4	21.5	0.6	0.3	0.0	0.5	588.4	586.9	582.5	557.6	571.1	.	577.9
Jordan	260	259	40.4	50.8	5.9	2.8	0.0	0.0	0.2	381.7	387.1	387.4	405.8	.	.	441.7
Kazakhstan	239	228	10.6	80.8	8.6	0.0	0.4	0.0	4.9	543.2	525.1	542.6	.	518.8	.	514.7
Korea, Rep. of	317	316	60.5	31.8	6.2	1.4	0.0	0.0	0.6	607.8	606.9	590.6	544.5	.	.	628.2
Kuwait	191	187	13.1	82.8	3.4	0.7	1.4	0.0	1.0	397.5	392.4	372.9	373.1	401.3	.	396.3
Lebanon	185	173	44.0	35.3	15.6	5.2	2.3	0.0	3.1	444.8	448.3	433.4	429.7	451.2	.	402.6
Lithuania	269	256	19.7	75.1	5.2	0.0	4.8	0.0	0.2	497.9	513.3	521.3	.	524.4	.	510.8
Malaysia	326	301	24.6	67.9	7.3	0.2	6.2	0.0	1.3	468.2	465.0	469.2	503.6	455.7	.	451.0
Malta	224	209	15.7	78.6	5.7	0.0	4.9	0.0	1.5	510.2	489.8	512.2	.	478.6	.	496.1
Morocco	373	358	30.2	56.7	10.3	2.8	2.3	0.0	1.3	381.6	386.7	380.3	366.4	384.9	.	417.4
New Zealand	489	467	4.2	88.7	7.0	0.1	3.8	0.0	0.2	486.5	494.8	482.4	534.8	472.4	.	462.2
Norway	239	213	3.7	94.4	1.1	0.8	8.6	0.0	1.5	512.6	513.1	506.9	492.7	498.7	.	509.8
Oman	356	354	6.4	89.8	3.7	0.0	0.0	0.0	0.6	442.8	400.8	391.8	306.3	.	.	406.6
Qatar	250	243	15.0	81.2	2.7	1.1	0.4	0.0	1.5	440.4	434.3	500.1	370.7	546.5	.	458.9
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	4.0	92.6	3.4	0.0	0.6	0.0	0.0	354.9	369.5	321.4	.	448.5	.	.
Singapore	334	329	6.2	86.9	6.9	0.0	1.7	0.0	0.3	681.5	618.0	591.1	.	681.7	.	569.3
Slovenia	467	435	49.1	41.0	8.7	1.3	5.3	0.0	1.2	513.4	519.6	517.7	524.8	512.4	.	523.2
South Africa	334	318	3.3	88.8	5.8	2.1	0.9	0.0	5.9	331.6	377.6	332.9	422.7	415.1	.	333.1
Sweden	206	197	10.0	78.7	10.8	0.5	1.8	0.0	1.5	495.3	503.0	483.0	506.2	510.0	.	532.7
Thailand	205	203	78.5	8.3	8.3	4.9	0.0	0.0	0.8	437.4	405.4	401.4	437.6	.	.	384.6
Turkey	220	220	25.4	65.8	4.1	4.8	0.0	0.0	0.0	461.7	454.9	448.4	481.0	.	.	.
United Arab Emirates	746	671	11.1	85.1	3.1	0.8	7.8	0.0	1.4	452.1	468.7	416.1	522.5	456.4	.	455.5
United States	429	366	22.2	70.4	5.3	2.1	13.6	0.0	0.8	513.3	521.3	494.2	522.9	516.7	.	559.1
International Avg. (38)	12055	11003	20.6	70.8	7.5	1.2	3.7	0.0	1.4	483.5	479.9	471.7	475.3	490.5	.	468.9
Buenos Aires, Argentina	138	59	42.1	48.7	9.3	0.0	57.3	0.0	1.1	379.2	400.0	385.3	.	400.5	.	401.9
Ontario, Canada	217	181	1.2	93.1	5.7	0.0	13.2	0.0	2.8	476.3	524.0	531.3	.	510.3	.	531.3
Quebec, Canada	175	160	36.3	61.1	2.0	0.6	7.9	0.0	0.2	558.3	544.4	520.4	626.2	474.1	.	462.3
Norway (8)	239	212	2.8	95.4	1.8	0.0	8.8	0.0	1.0	480.6	487.7	479.8	.	482.5	.	474.0
Abu Dhabi, UAE	207	180	12.5	82.5	4.7	0.3	11.4	0.0	2.0	432.8	444.1	389.9	431.9	444.7	.	491.9
Dubai, UAE	267	250	11.3	84.9	2.8	1.0	3.8	0.0	0.3	489.9	517.1	467.1	548.5	487.9	.	469.8
Florida, US	110	77	24.3	67.5	8.3	0.0	24.8	0.0	1.2	494.6	509.8	479.5	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Data and Chance: Interpreting data sets
Location: TQM-26Db (BTBM26DB)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Somewhat prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Somewhat prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	769	11.8	77.3	9.4	1.5	9.5	0.0	2.5	524.1	504.8	516.4	515.9	477.2	.	492.3
Bahrain	201	197	14.8	81.1	3.5	0.7	1.0	0.0	2.3	459.2	453.8	465.8	422.7	452.8	.	416.5
Botswana	169	154	21.0	64.4	13.0	1.6	5.5	0.0	0.7	382.9	396.0	384.0	387.3	383.2	.	353.7
Canada	409	358	16.8	72.6	10.5	0.2	10.5	0.0	1.7	547.6	527.0	523.8	618.5	501.6	.	528.8
Chile	173	151	4.0	79.3	15.4	1.4	9.4	0.0	2.0	442.7	432.5	417.8	398.9	406.3	.	402.9
Chinese Taipei	216	216	89.9	4.6	4.1	1.3	0.0	0.0	0.0	598.4	599.3	615.3	596.0	.	.	.
Egypt	215	212	25.0	59.2	13.7	2.1	0.7	0.0	1.4	381.8	395.0	393.2	415.3	428.8	.	395.5
England	215	183	4.2	85.1	9.8	0.9	13.1	0.0	0.3	526.8	519.9	497.4	453.7	525.4	.	436.3
Georgia	188	176	21.4	59.4	17.8	1.3	0.0	0.0	5.6	460.8	451.3	451.4	499.9	.	.	439.2
Hong Kong SAR	175	172	40.2	39.8	18.0	2.1	1.8	0.0	0.2	586.3	596.0	602.1	632.7	615.8	.	550.5
Hungary	278	268	14.2	52.4	30.5	3.0	3.4	0.0	0.4	518.2	510.0	524.6	464.9	518.2	.	518.0
Iran, Islamic Rep. of	251	249	22.9	62.9	13.7	0.5	0.0	0.0	0.8	456.5	431.8	427.8	408.3	.	.	387.5
Ireland	526	477	9.7	78.5	11.7	0.2	7.1	0.0	1.3	531.5	522.4	517.9	555.3	535.6	.	507.3
Israel	603	525	10.0	77.1	9.9	3.0	6.6	0.0	4.2	497.9	517.4	505.9	464.2	513.3	.	468.8
Italy	230	216	5.3	61.9	30.5	2.4	4.6	0.0	0.0	494.0	493.6	493.0	496.7	512.6	.	.
Japan	231	227	45.3	21.7	29.3	3.7	0.3	0.0	0.7	589.4	582.7	586.2	577.3	571.1	.	580.6
Jordan	260	259	38.1	46.9	11.5	3.5	0.0	0.0	0.2	382.6	387.5	386.6	385.3	.	.	441.7
Kazakhstan	239	226	16.4	69.6	13.1	0.8	0.4	0.0	6.0	532.9	525.6	538.9	477.7	518.8	.	522.9
Korea, Rep. of	317	316	50.8	34.8	12.8	1.6	0.0	0.0	0.6	609.8	605.6	594.9	559.8	.	.	628.2
Kuwait	191	187	40.0	48.6	9.2	2.2	1.4	0.0	0.9	386.1	400.0	377.0	398.1	401.3	.	397.7
Lebanon	185	167	45.6	33.8	18.0	2.6	2.3	0.0	5.5	442.7	446.6	438.4	430.1	451.2	.	430.7
Lithuania	269	256	34.3	55.1	10.6	0.0	4.8	0.0	0.2	507.0	513.5	507.7	.	524.4	.	510.8
Malaysia	326	301	22.5	62.8	14.5	0.2	6.2	0.0	1.3	472.1	462.7	471.3	503.6	455.7	.	451.0
Malta	224	208	32.8	52.7	14.6	0.0	4.9	0.0	2.1	490.5	494.5	501.6	.	478.6	.	498.5
Morocco	373	358	44.0	31.3	18.2	6.5	2.3	0.0	1.2	385.1	385.6	379.0	381.5	384.9	.	421.7
New Zealand	489	466	6.9	80.0	12.9	0.3	3.8	0.0	0.5	497.5	496.0	477.4	441.6	472.4	.	486.4
Norway	239	213	4.0	90.3	5.7	0.0	8.6	0.0	1.5	524.5	512.8	503.9	.	498.7	.	509.8
Oman	356	355	27.0	58.7	13.0	1.4	0.0	0.0	0.4	406.3	401.6	406.6	355.2	.	.	464.8
Qatar	250	243	14.2	79.1	5.7	1.1	0.4	0.0	1.5	441.9	434.6	458.4	370.7	546.5	.	458.9
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	147	13.2	61.5	21.8	3.6	0.8	0.0	0.0	367.3	369.5	365.4	343.2	416.6	.	.
Singapore	334	329	15.0	68.5	16.2	0.2	1.7	0.0	0.3	627.1	623.2	601.0	589.8	681.7	.	569.3
Slovenia	467	435	32.2	46.8	18.2	2.8	5.3	0.0	1.2	512.5	518.9	513.9	539.0	512.4	.	523.2
South Africa	334	317	5.6	78.6	13.2	2.7	0.9	0.0	6.5	338.6	380.1	350.4	407.2	415.1	.	334.5
Sweden	206	197	20.1	60.3	17.8	1.8	1.8	0.0	1.5	497.4	502.4	495.3	499.8	510.0	.	532.7
Thailand	205	203	69.1	11.3	13.9	5.7	0.0	0.0	0.8	443.2	404.6	392.5	443.5	.	.	384.6
Turkey	220	220	22.1	62.9	10.2	4.8	0.0	0.0	0.0	446.0	461.0	451.3	481.0	.	.	.
United Arab Emirates	746	670	17.5	72.9	7.1	2.5	7.8	0.0	1.4	446.9	471.0	446.8	494.2	456.4	.	454.5
United States	429	366	13.1	73.5	10.8	2.6	13.6	0.0	0.8	523.1	518.2	509.6	527.1	516.7	.	559.1
International Avg. (38)	12055	10989	24.8	59.4	13.9	1.9	3.7	0.0	1.5	481.0	480.2	476.1	472.4	489.4	.	472.3
Buenos Aires, Argentina	138	59	46.9	43.0	9.6	0.5	57.3	0.0	1.1	382.6	397.9	391.3	356.1	400.5	.	401.9
Ontario, Canada	217	181	2.1	87.9	9.9	0.0	13.2	0.0	2.8	513.8	523.6	528.3	.	510.3	.	531.3
Quebec, Canada	175	160	45.9	46.8	6.7	0.6	7.9	0.0	0.2	551.3	545.8	556.3	618.5	474.1	.	462.3
Norway (8)	239	212	6.8	86.9	6.3	0.0	8.8	0.0	1.0	490.4	486.9	490.0	.	482.5	.	474.0
Abu Dhabi, UAE	207	180	20.6	63.9	13.5	1.9	11.4	0.0	2.0	412.0	449.7	438.9	432.7	444.7	.	491.9
Dubai, UAE	267	250	17.0	78.6	3.4	1.1	3.8	0.0	0.3	492.4	517.4	503.3	537.6	487.9	.	469.8
Florida, US	110	77	14.2	70.3	15.5	0.0	24.8	0.0	1.2	512.2	506.5	482.8	.	469.7	.	362.5

Question: How well prepared do you feel you are to teach the following mathematics topics? Data and Chance: Judging, predicting, and determining the chances of possible outcomes
Location: TQM-26Dc (BTBM26DC)

Country	Sample	Valid N	1.Not applicable %	2.Very well prepared %	3.Some what prepared %	4.Not well prepared %	Not Administered %	Not Applicable %	Omitted %	1.Not applicable Mean	2.Very well prepared Mean	3.Some what prepared Mean	4.Not well prepared Mean	Not Administered Mean	Not Applicable Mean	Omitted Mean
Australia	941	768	9.8	80.5	9.7	0.0	9.5	0.0	2.5	525.7	505.9	510.8	444.2	477.2	.	492.0
Bahrain	201	197	13.3	82.2	3.2	1.3	1.0	0.0	2.3	438.4	457.4	463.4	441.4	452.8	.	416.5
Botswana	169	154	14.9	72.3	11.7	1.1	5.5	0.0	0.7	380.1	395.2	383.5	393.4	383.2	.	353.7
Canada	409	359	4.5	83.5	11.7	0.2	10.5	0.0	1.7	545.9	531.0	520.2	466.2	501.6	.	531.3
Chile	173	151	1.9	83.6	13.1	1.4	9.4	0.0	2.0	431.4	433.3	413.7	398.9	406.3	.	402.9
Chinese Taipei	216	216	86.4	10.0	3.0	0.6	0.0	0.0	0.0	598.4	605.5	600.2	587.2	.	.	.
Egypt	215	212	22.8	64.9	9.9	2.4	0.7	0.0	1.4	382.3	395.4	391.2	392.5	428.8	.	395.5
England	215	182	5.1	85.7	7.9	1.3	13.1	0.0	1.0	527.9	520.1	488.9	475.1	525.4	.	493.3
Georgia	188	177	19.5	59.8	19.1	1.7	0.0	0.0	5.2	465.8	450.7	451.1	481.3	.	.	434.4
Hong Kong SAR	175	172	60.7	25.9	9.2	4.2	1.8	0.0	0.2	594.1	587.5	597.0	624.8	615.8	.	550.5
Hungary	278	268	7.5	50.4	38.7	3.3	3.4	0.0	0.4	535.8	513.5	515.5	463.1	518.2	.	518.0
Iran, Islamic Rep. of	251	250	7.6	76.9	14.4	1.1	0.0	0.0	0.6	454.5	437.3	425.3	409.7	.	.	399.0
Ireland	526	479	9.8	78.6	11.2	0.4	7.1	0.0	0.9	526.0	522.9	519.6	499.0	535.6	.	504.3
Israel	603	525	5.7	83.3	7.8	3.2	6.6	0.0	4.2	500.5	517.0	495.9	464.2	513.3	.	468.8
Italy	230	216	3.9	59.4	33.6	3.2	4.6	0.0	0.0	486.9	492.5	494.1	514.1	512.6	.	.
Japan	231	228	16.2	53.1	28.8	2.0	0.3	0.0	0.5	606.0	584.8	579.4	579.8	571.1	.	577.9
Jordan	260	259	39.1	43.8	14.8	2.3	0.0	0.0	0.2	382.5	386.0	391.1	389.2	.	.	441.7
Kazakhstan	239	228	16.5	73.1	9.5	0.8	0.4	0.0	4.9	522.1	527.3	553.2	477.7	518.8	.	514.7
Korea, Rep. of	317	316	44.5	41.1	12.8	1.6	0.0	0.0	0.6	607.2	609.1	595.7	548.0	.	.	628.2
Kuwait	191	187	36.2	53.7	8.8	1.3	1.4	0.0	0.9	383.0	401.7	378.4	354.9	401.3	.	397.7
Lebanon	185	171	47.3	34.5	13.9	4.3	2.3	0.0	3.9	442.2	449.1	438.5	418.5	451.2	.	422.0
Lithuania	269	256	40.9	50.3	8.6	0.1	4.8	0.0	0.2	508.1	514.4	501.2	481.1	524.4	.	510.8
Malaysia	326	301	31.0	49.3	19.4	0.3	6.2	0.0	1.3	468.5	463.7	467.8	520.9	455.7	.	451.0
Malta	224	208	19.6	68.0	12.4	0.0	4.9	0.0	2.1	496.8	490.9	508.3	.	478.6	.	498.5
Morocco	373	355	53.2	20.6	18.7	7.5	2.3	0.0	1.4	382.8	380.3	395.4	376.8	384.9	.	398.1
New Zealand	489	466	7.1	81.1	11.2	0.6	3.8	0.0	0.4	514.9	495.0	471.4	456.9	472.4	.	481.4
Norway	239	212	2.3	81.8	15.9	0.0	8.6	0.0	1.8	514.3	512.3	515.3	.	498.7	.	509.1
Oman	356	355	16.4	70.4	12.9	0.3	0.0	0.0	0.4	399.4	406.0	392.8	287.5	.	.	464.8
Qatar	250	243	13.4	80.7	4.8	1.1	0.4	0.0	1.5	432.0	440.2	398.3	370.7	546.5	.	458.9
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	148	7.2	67.8	18.8	6.3	0.6	0.0	0.0	351.5	371.8	363.0	349.4	448.5	.	.
Singapore	334	329	15.4	71.8	12.3	0.5	1.7	0.0	0.3	647.1	616.3	611.6	542.2	681.7	.	569.3
Slovenia	467	433	42.6	40.4	13.4	3.6	5.3	0.0	2.1	511.6	519.2	516.6	536.8	512.4	.	530.5
South Africa	334	318	6.8	74.7	14.2	4.4	0.9	0.0	5.8	335.0	380.3	359.6	386.1	415.1	.	330.3
Sweden	206	197	18.7	67.2	12.3	1.8	1.8	0.0	1.5	493.2	503.1	495.1	494.2	510.0	.	532.7
Thailand	205	204	55.1	19.2	19.9	5.8	0.0	0.0	0.5	441.2	408.2	424.2	444.1	.	.	383.1
Turkey	220	220	8.7	77.2	9.5	4.6	0.0	0.0	0.0	439.1	460.5	446.2	469.0	.	.	.
United Arab Emirates	746	670	16.2	75.7	6.4	1.7	7.8	0.0	2.0	451.9	469.6	446.1	481.5	456.4	.	469.0
United States	429	366	21.5	61.4	14.1	3.0	13.6	0.0	0.8	520.2	517.8	517.2	516.1	516.7	.	559.1
International Avg. (38)	12055	10996	22.3	62.0	13.6	2.1	3.7	0.0	1.5	480.1	480.9	474.7	459.3	490.5	.	473.2
Buenos Aires, Argentina	138	59	54.9	35.1	9.6	0.5	57.3	0.0	1.1	379.0	407.0	391.3	356.1	400.5	.	401.9
Ontario, Canada	217	181	2.1	85.7	11.8	0.4	13.2	0.0	2.8	511.5	525.1	519.4	466.2	510.3	.	531.3
Quebec, Canada	175	161	9.9	82.4	7.7	0.0	7.9	0.0	0.0	558.8	548.5	545.7	.	474.1	.	.
Norway (8)	239	212	10.1	80.6	9.2	0.0	8.8	0.0	1.0	480.0	488.2	487.9	.	482.5	.	474.0
Abu Dhabi, UAE	207	180	17.3	71.7	9.0	2.0	11.4	0.0	2.0	409.5	448.5	430.0	449.3	444.7	.	491.9
Dubai, UAE	267	249	17.5	77.7	3.4	1.4	3.8	0.0	2.4	490.9	518.1	507.7	536.5	487.9	.	496.9
Florida, US	110	77	21.0	60.9	17.0	1.1	24.8	0.0	1.2	500.8	507.1	487.3	623.6	469.7	.	362.5

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Teachers Majored in Mathematics and Mathematics Education
Location: Derived (BTDM05)

Country	Sample	Valid N	1. Math and math ed %	2. Math but not math ed %	3. Math ed but not math %	4. All other majors %	5. No formal ed beyond upper-sec %	Missing %	Not administered %	Not applicable %
Australia	941	793	46.3	17.6	13.9	22.1	0.0	9.1	0.0	0.0
Bahrain	201	198	32.7	47.6	16.1	2.7	0.9	2.5	0.0	0.0
Botswana	169	151	21.6	45.7	14.3	16.0	2.4	8.4	0.0	0.0
Canada	409	358	18.7	7.6	14.9	58.8	0.0	11.8	0.0	0.0
Chile	173	150	44.2	34.3	5.5	14.2	1.9	11.4	0.0	0.0
Chinese Taipei	216	216	30.8	50.3	3.6	15.4	0.0	0.0	0.0	0.0
Egypt	215	209	46.5	24.7	22.4	4.8	1.7	2.3	0.0	0.0
England	215	184	43.7	36.7	4.3	14.6	0.7	13.1	0.0	0.0
Georgia	188	184	46.3	44.7	3.7	3.0	2.3	1.9	0.0	0.0
Hong Kong SAR	175	171	42.0	25.4	9.1	22.7	0.8	3.3	0.0	0.0
Hungary	278	269	12.0	8.3	76.2	3.5	0.0	3.4	0.0	0.0
Iran, Islamic Rep. of	251	245	21.4	45.8	21.5	9.2	2.1	3.1	0.0	0.0
Ireland	526	473	33.4	36.0	8.1	21.7	0.7	9.6	0.0	0.0
Israel	603	546	62.4	24.7	7.4	5.2	0.2	7.6	0.0	0.0
Italy	230	212	25.1	19.9	8.9	46.2	0.0	6.3	0.0	0.0
Japan	231	230	41.0	40.1	6.3	12.6	0.0	0.3	0.0	0.0
Jordan	260	256	12.1	74.7	6.0	3.8	3.3	1.0	0.0	0.0
Kazakhstan	239	234	37.4	57.7	1.3	1.4	2.2	1.3	0.0	0.0
Korea, Rep. of	317	317	18.4	29.9	49.0	2.7	0.0	0.0	0.0	0.0
Kuwait	191	185	38.1	37.9	15.9	6.6	1.5	5.0	0.0	0.0
Lebanon	185	177	19.9	46.0	2.9	11.3	19.9	4.8	0.0	0.0
Lithuania	269	257	55.4	35.5	7.9	0.9	0.2	6.1	0.0	0.0
Malaysia	326	297	31.0	27.0	17.7	24.3	0.0	10.3	0.0	0.0
Malta	224	213	66.4	20.7	7.5	4.0	1.4	4.6	0.0	0.0
Morocco	373	343	10.5	42.5	0.9	8.7	37.4	7.0	0.0	0.0
New Zealand	489	460	28.8	29.8	7.5	33.9	0.0	5.6	0.0	0.0
Norway	239	218	15.2	54.3	2.0	28.5	0.0	8.0	0.0	0.0
Oman	356	343	40.1	41.8	17.4	0.3	0.5	3.3	0.0	0.0
Qatar	250	241	34.6	49.8	7.3	7.2	1.1	3.0	0.0	0.0
Russian Federation	226	225	57.9	41.4	0.0	0.8	0.0	0.3	0.0	0.0
Saudi Arabia	149	145	37.4	42.2	16.2	1.3	2.8	2.2	0.0	0.0
Singapore	334	330	53.4	30.9	6.0	9.7	0.0	1.7	0.0	0.0
Slovenia	467	441	38.8	39.7	20.4	1.1	0.0	5.1	0.0	0.0
South Africa	334	326	24.4	48.4	13.4	11.4	2.4	2.4	0.0	0.0
Sweden	206	196	50.2	16.6	21.4	10.5	1.3	4.0	0.0	0.0
Thailand	205	204	33.6	46.8	3.2	16.4	0.0	0.6	0.0	0.0
Turkey	220	219	53.0	17.5	26.6	2.8	0.0	0.3	0.0	0.0
United Arab Emirates	746	671	35.9	49.2	9.6	4.8	0.5	9.5	0.0	0.0
United States	429	369	34.8	12.4	21.8	31.1	0.0	14.0	0.0	0.0
International Avg. (39)	12055	11256	35.8	36.0	13.3	12.7	2.3	5.0	0.0	0.0
Buenos Aires, Argentina	138	61	63.0	24.7	6.2	0.0	6.1	57.3	0.0	0.0
Ontario, Canada	217	185	5.8	3.4	7.3	83.6	0.0	13.0	0.0	0.0
Quebec, Canada	175	156	43.1	16.2	25.5	15.2	0.0	12.2	0.0	0.0
Norway (8)	239	214	19.0	50.9	3.3	26.8	0.0	8.4	0.0	0.0
Abu Dhabi, UAE	207	178	26.0	51.3	17.4	4.9	0.4	13.9	0.0	0.0
Dubai, UAE	267	247	45.8	44.6	4.5	4.0	1.1	6.4	0.0	0.0
Florida, US	110	77	26.5	24.2	14.4	34.9	0.0	25.3	0.0	0.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Teachers Majored in Mathematics and Mathematics Education
Location: Derived (BTDM05)

Country	Sample	Valid N	1. Math and math ed Mean	2. Math but not math ed Mean	3. Math ed but not math Mean	4. All other majors Mean	5. No formal ed beyond upper-sec Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	793	513.1	507.1	498.2	503.0	.	477.2	.	.
Bahrain	201	198	460.4	451.7	440.4	468.9	409.3	499.7	.	.
Botswana	169	151	394.8	391.8	382.9	397.6	354.5	386.4	.	.
Canada	409	358	545.1	536.5	546.1	521.5	.	501.7	.	.
Chile	173	150	444.1	424.9	439.6	398.5	410.2	406.1	.	.
Chinese Taipei	216	216	609.5	599.6	598.7	576.7	.	.	.	.
Egypt	215	209	392.4	396.6	394.9	362.4	337.0	416.9	.	.
England	215	184	519.6	526.3	474.9	504.2	408.9	525.4	.	.
Georgia	188	184	452.7	458.0	439.3	435.1	437.6	429.0	.	.
Hong Kong SAR	175	171	574.4	609.8	596.7	609.6	588.9	614.7	.	.
Hungary	278	269	499.6	519.2	518.0	472.1	.	518.2	.	.
Iran, Islamic Rep. of	251	245	439.6	441.0	444.7	407.4	395.5	402.8	.	.
Ireland	526	473	519.1	532.3	534.2	510.3	446.5	531.5	.	.
Israel	603	546	518.8	497.5	510.8	474.0	556.4	513.4	.	.
Italy	230	212	493.7	494.7	490.7	491.5	.	520.2	.	.
Japan	231	230	582.3	592.9	562.2	592.3	.	571.1	.	.
Jordan	260	256	385.1	383.9	388.6	401.9	406.1	368.4	.	.
Kazakhstan	239	234	539.6	524.0	477.5	469.7	485.4	539.7	.	.
Korea, Rep. of	317	317	609.9	606.4	603.0	618.4	.	.	.	.
Kuwait	191	185	407.1	386.6	377.1	411.0	332.6	368.6	.	.
Lebanon	185	177	426.2	451.3	469.7	441.9	431.5	453.7	.	.
Lithuania	269	257	512.4	508.2	508.0	514.3	521.2	522.5	.	.
Malaysia	326	297	465.6	477.8	476.6	449.5	.	451.3	.	.
Malta	224	213	493.8	492.1	489.0	505.5	545.2	478.6	.	.
Morocco	373	343	393.2	380.9	381.8	375.2	388.1	384.4	.	.
New Zealand	489	460	496.2	502.7	502.5	481.3	.	478.5	.	.
Norway	239	218	511.8	514.5	490.8	512.2	.	495.0	.	.
Oman	356	343	397.9	405.8	409.4	450.3	395.9	398.5	.	.
Qatar	250	241	434.1	433.9	451.9	446.4	412.6	475.7	.	.
Russian Federation	226	225	543.9	529.9	.	503.0	.	587.5	.	.
Saudi Arabia	149	145	366.5	366.6	365.9	377.9	360.1	425.5	.	.
Singapore	334	330	625.1	613.9	645.0	594.9	.	681.7	.	.
Slovenia	467	441	510.9	518.1	527.2	464.9	.	511.9	.	.
South Africa	334	326	379.3	362.9	395.8	369.3	354.8	393.0	.	.
Sweden	206	196	506.3	495.3	496.7	489.0	515.4	501.3	.	.
Thailand	205	204	418.8	436.6	439.6	438.9	.	487.2	.	.
Turkey	220	219	460.1	470.2	444.5	463.4	.	391.7	.	.
United Arab Emirates	746	671	478.1	457.3	445.4	493.1	414.5	461.3	.	.
United States	429	369	521.2	512.0	512.9	522.4	.	516.3	.	.
International Avg. (39)	12055	11256	483.1	482.3	478.2	474.9	430.8	478.0	.	.
Buenos Aires, Argentina	138	61	381.7	400.9	410.1	.	414.4	400.5	.	.
Ontario, Canada	217	185	523.5	523.8	537.9	523.6	.	506.6	.	.
Quebec, Canada	175	156	557.3	542.8	561.2	521.7	.	491.7	.	.
Norway (8)	239	214	482.2	488.6	498.0	486.6	.	482.5	.	.
Abu Dhabi, UAE	207	178	449.4	434.6	437.9	483.4	307.8	446.7	.	.
Dubai, UAE	267	247	515.7	509.6	489.7	555.1	464.2	498.3	.	.
Florida, US	110	77	498.2	505.8	532.3	488.8	.	469.2	.	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Percentage of Students Taught Mathematics Number Topics
Location: Derived (BTDM21NU)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	741	0.0	0.0	14.1	90.3	100.0	20.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Bahrain	201	197	0.0	0.0	2.1	94.8	100.0	40.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Botswana (9)	169	153	0.0	0.0	7.2	72.1	80.0	0.0	20.0	40.0	60.0	80.0	100.0	100.0	100.0	100.0
Canada	409	350	0.0	0.0	13.8	89.0	100.0	20.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Chile	173	149	0.0	0.0	12.1	89.9	100.0	40.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Chinese Taipei	216	214	0.0	0.0	0.8	95.2	100.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Egypt	215	210	0.0	0.0	1.8	96.4	100.0	75.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
England	215	182	0.0	0.0	13.9	82.4	80.0	40.0	60.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0
Georgia	188	185	0.0	0.0	1.8	95.8	100.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Hong Kong SAR	175	173	0.0	0.0	1.8	92.9	100.0	0.0	60.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Hungary	278	267	0.0	0.0	3.9	98.4	100.0	60.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	251	249	0.0	0.0	0.9	89.8	100.0	40.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Ireland	526	479	0.0	0.0	8.0	91.8	100.0	0.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Israel	603	527	0.0	0.0	9.8	90.1	100.0	0.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Italy	230	215	0.0	0.0	4.8	99.3	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Japan	231	229	0.0	0.0	0.6	81.3	80.0	0.0	40.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0
Jordan	260	256	0.0	0.0	2.0	99.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kazakhstan	239	236	0.0	0.0	0.9	99.5	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Korea, Rep. of	317	317	0.0	0.0	0.0	81.4	80.0	60.0	80.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0
Kuwait	191	186	0.0	0.0	2.9	87.9	80.0	60.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
Lebanon	185	173	0.0	0.0	5.5	87.6	100.0	40.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
Lithuania	269	256	0.0	0.0	5.0	88.9	80.0	40.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
Malaysia	326	301	0.0	0.0	6.9	95.6	100.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Malta	224	206	0.0	0.0	7.5	89.3	100.0	40.0	75.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Morocco	373	359	0.0	0.0	3.5	95.9	100.0	0.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
New Zealand	489	459	0.0	0.0	4.8	86.6	80.0	0.0	60.0	75.0	80.0	80.0	100.0	100.0	100.0	100.0
Norway (9)	239	209	0.0	0.0	10.7	87.3	100.0	40.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
Oman	356	350	0.0	0.0	1.7	90.4	100.0	40.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Qatar	250	242	0.0	0.0	1.5	89.5	100.0	40.0	75.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	0.0	0.0	3.1	98.7	100.0	60.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Singapore	334	330	0.0	0.0	1.7	97.8	100.0	60.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
Slovenia	467	430	0.0	0.0	6.9	97.4	100.0	0.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
South Africa (9)	334	313	0.0	0.0	6.9	97.4	100.0	20.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sweden	206	197	0.0	0.0	3.5	78.4	80.0	0.0	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0
Thailand	205	203	0.0	0.0	1.0	98.8	100.0	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Turkey	220	220	0.0	0.0	0.0	99.6	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United Arab Emirates	746	646	0.0	0.0	10.8	91.7	100.0	40.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
United States	429	365	0.0	0.0	14.4	97.9	100.0	0.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
International Avg. (38)	12055	10919	0.0	0.0	5.2	91.7	95.8	35.1	73.9	82.5	88.9	94.7	98.4	100.0	100.0	100.0
Buenos Aires, Argentina	138	60	0.0	0.0	57.5	60.4	80.0	20.0	20.0	20.0	40.0	60.0	80.0	100.0	100.0	100.0
Ontario, Canada	217	179	0.0	0.0	17.2	89.1	100.0	40.0	60.0	60.0	80.0	100.0	100.0	100.0	100.0	100.0
Quebec, Canada	175	155	0.0	0.0	9.9	89.3	100.0	60.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
Norway (8)	239	207	0.0	0.0	10.9	78.6	80.0	20.0	40.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0
Abu Dhabi, UAE	207	171	0.0	0.0	14.8	91.3	100.0	40.0	75.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Dubai, UAE	267	243	0.0	0.0	6.2	91.5	100.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0
Florida, US	110	77	0.0	0.0	26.6	99.6	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Percentage of Students Taught Mathematics Algebra Topics
Location: Derived (BTDM21AL)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	742	0.0	0.0	14.1	65.4	66.7	0.0	33.3	33.3	50.0	66.7	83.3	100.0	100.0	100.0
Bahrain	201	196	0.0	0.0	2.6	83.4	83.3	33.3	50.0	50.0	83.3	83.3	100.0	100.0	100.0	100.0
Botswana (9)	169	152	0.0	0.0	7.8	55.7	66.7	0.0	16.7	16.7	33.3	50.0	66.7	83.3	100.0	100.0
Canada	409	354	0.0	0.0	13.0	60.6	66.7	0.0	33.3	33.3	50.0	66.7	83.3	83.3	100.0	100.0
Chile	173	149	0.0	0.0	12.1	64.9	66.7	0.0	16.7	33.3	50.0	66.7	83.3	100.0	100.0	100.0
Chinese Taipei	216	214	0.0	0.0	0.8	88.5	83.3	66.7	80.0	83.3	83.3	83.3	100.0	100.0	100.0	100.0
Egypt	215	210	0.0	0.0	1.8	71.2	83.3	16.7	33.3	50.0	50.0	66.7	83.3	100.0	100.0	100.0
England	215	182	0.0	0.0	13.9	72.2	66.7	16.7	33.3	50.0	50.0	66.7	83.3	100.0	100.0	100.0
Georgia	188	186	0.0	0.0	1.3	71.7	83.3	16.7	50.0	50.0	50.0	66.7	83.3	100.0	100.0	100.0
Hong Kong SAR	175	173	0.0	0.0	1.8	72.1	83.3	16.7	50.0	50.0	66.7	66.7	83.3	83.3	100.0	100.0
Hungary	278	267	0.0	0.0	3.9	78.4	83.3	16.7	50.0	66.7	66.7	83.3	83.3	83.3	100.0	100.0
Iran, Islamic Rep. of	251	247	0.0	0.0	1.9	45.0	50.0	0.0	16.7	33.3	33.3	50.0	50.0	66.7	75.0	100.0
Ireland	526	481	0.0	0.0	7.5	71.6	100.0	0.0	33.3	33.3	50.0	66.7	100.0	100.0	100.0	100.0
Israel	603	526	0.0	0.0	10.1	90.2	100.0	0.0	66.7	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Italy	230	216	0.0	0.0	4.6	49.0	33.3	16.7	16.7	16.7	33.3	50.0	66.7	80.0	83.3	100.0
Japan	231	229	0.0	0.0	0.6	91.1	100.0	0.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0	100.0
Jordan	260	257	0.0	0.0	1.5	93.8	100.0	33.3	66.7	80.0	83.3	100.0	100.0	100.0	100.0	100.0
Kazakhstan	239	237	0.0	0.0	0.7	84.3	83.3	33.3	50.0	66.7	80.0	83.3	100.0	100.0	100.0	100.0
Korea, Rep. of	317	317	0.0	0.0	0.0	93.7	100.0	66.7	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0
Kuwait	191	187	0.0	0.0	2.3	60.2	50.0	0.0	33.3	33.3	50.0	66.7	66.7	83.3	100.0	100.0
Lebanon	185	171	0.0	0.0	6.5	47.1	33.3	16.7	33.3	33.3	33.3	33.3	60.0	66.7	100.0	100.0
Lithuania	269	256	0.0	0.0	5.0	50.2	33.3	16.7	33.3	33.3	33.3	50.0	66.7	66.7	83.3	100.0
Malaysia	326	302	0.0	0.0	6.9	53.8	33.3	0.0	16.7	16.7	33.3	50.0	66.7	100.0	100.0	100.0
Malta	224	206	0.0	0.0	7.5	77.5	100.0	0.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Morocco	373	360	0.0	0.0	3.1	49.7	33.3	0.0	20.0	33.3	33.3	50.0	66.7	80.0	83.3	100.0
New Zealand	489	460	0.0	0.0	4.6	69.4	66.7	0.0	33.3	33.3	60.0	66.7	83.3	100.0	100.0	100.0
Norway (9)	239	209	0.0	0.0	10.7	51.4	50.0	0.0	16.7	33.3	33.3	50.0	66.7	83.3	83.3	100.0
Oman	356	351	0.0	0.0	1.2	62.4	66.7	16.7	33.3	40.0	50.0	66.7	66.7	83.3	100.0	100.0
Qatar	250	244	0.0	0.0	1.3	76.8	83.3	0.0	33.3	50.0	66.7	83.3	83.3	100.0	100.0	100.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	0.0	0.0	2.2	81.0	66.7	33.3	66.7	66.7	66.7	83.3	100.0	100.0	100.0	100.0
Singapore	334	330	0.0	0.0	1.7	94.4	100.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0
Slovenia	467	430	0.0	0.0	6.9	49.2	66.7	0.0	16.7	16.7	33.3	50.0	66.7	66.7	66.7	100.0
South Africa (9)	334	315	0.0	0.0	6.3	79.8	100.0	16.7	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Sweden	206	196	0.0	0.0	3.5	54.6	33.3	0.0	16.7	16.7	33.3	50.0	83.3	83.3	100.0	100.0
Thailand	205	202	0.0	0.0	1.7	54.3	50.0	0.0	0.0	16.7	33.3	50.0	66.7	100.0	100.0	100.0
Turkey	220	220	0.0	0.0	0.0	61.8	50.0	16.7	33.3	33.3	50.0	66.7	83.3	100.0	100.0	100.0
United Arab Emirates	746	645	0.0	0.0	11.1	79.4	100.0	16.7	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
United States	429	365	0.0	0.0	14.4	91.6	100.0	0.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0	100.0
International Avg. (38)	12055	10930	0.0	0.0	5.2	69.7	71.5	13.6	38.6	46.1	56.8	70.6	83.6	91.9	96.7	100.0
Buenos Aires, Argentina	138	60	0.0	0.0	57.5	40.2	33.3	0.0	0.0	16.7	33.3	33.3	50.0	66.7	83.3	100.0
Ontario, Canada	217	179	0.0	0.0	17.2	64.4	83.3	0.0	16.7	33.3	50.0	66.7	83.3	100.0	100.0	100.0
Quebec, Canada	175	158	0.0	0.0	8.2	56.7	66.7	16.7	33.3	33.3	50.0	50.0	66.7	80.0	83.3	100.0
Norway (8)	239	208	0.0	0.0	10.6	19.7	0.0	0.0	0.0	0.0	0.0	16.7	33.3	50.0	50.0	83.3
Abu Dhabi, UAE	207	171	0.0	0.0	14.7	78.7	100.0	16.7	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Dubai, UAE	267	244	0.0	0.0	6.0	78.7	100.0	16.7	16.7	33.3	66.7	83.3	100.0	100.0	100.0	100.0
Florida, US	110	77	0.0	0.0	26.6	96.7	100.0	50.0	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0

Question: Percentage of Students Taught Mathematics Geometry Topics
Location: Derived (BTDM21GE)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	741	0.0	0.0	13.7	76.9	100.0	0.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Bahrain	201	196	0.0	0.0	2.5	90.0	100.0	0.0	33.3	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Botswana (9)	169	153	0.0	0.0	7.2	76.3	83.3	0.0	33.3	50.0	66.7	83.3	83.3	100.0	100.0	100.0
Canada	409	355	0.0	0.0	12.8	84.9	100.0	16.7	50.0	50.0	66.7	100.0	100.0	100.0	100.0	100.0
Chile	173	146	0.0	0.0	14.4	87.4	100.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Chinese Taipei	216	215	0.0	0.0	0.1	72.4	66.7	0.0	33.3	50.0	66.7	66.7	83.3	100.0	100.0	100.0
Egypt	215	210	0.0	0.0	1.8	84.7	83.3	50.0	66.7	66.7	83.3	83.3	100.0	100.0	100.0	100.0
England	215	181	0.0	0.0	14.7	76.7	83.3	0.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Georgia	188	183	0.0	0.0	3.1	61.3	66.7	0.0	33.3	33.3	50.0	66.7	66.7	83.3	83.3	100.0
Hong Kong SAR	175	173	0.0	0.0	1.8	78.9	83.3	33.3	50.0	50.0	66.7	83.3	83.3	100.0	100.0	100.0
Hungary	278	267	0.0	0.0	3.9	90.5	100.0	33.3	66.7	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	251	250	0.0	0.0	0.7	84.2	100.0	33.3	66.7	66.7	66.7	83.3	100.0	100.0	100.0	100.0
Ireland	526	480	0.0	0.0	7.6	57.9	50.0	0.0	16.7	16.7	33.3	50.0	83.3	100.0	100.0	100.0
Israel	603	523	0.0	0.0	10.6	77.6	66.7	0.0	50.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Italy	230	216	0.0	0.0	4.6	91.5	100.0	50.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0	100.0
Japan	231	229	0.0	0.0	0.6	95.2	100.0	66.7	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0
Jordan	260	256	0.0	0.0	1.6	80.0	100.0	20.0	50.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Kazakhstan	239	236	0.0	0.0	0.9	71.4	66.7	20.0	33.3	50.0	66.7	66.7	83.3	100.0	100.0	100.0
Korea, Rep. of	317	316	0.0	0.0	0.6	89.7	100.0	50.0	66.7	66.7	83.3	83.3	100.0	100.0	100.0	100.0
Kuwait	191	188	0.0	0.0	1.9	82.3	83.3	0.0	50.0	66.7	80.0	83.3	100.0	100.0	100.0	100.0
Lebanon	185	172	0.0	0.0	6.2	62.0	66.7	16.7	33.3	33.3	50.0	66.7	66.7	83.3	100.0	100.0
Lithuania	269	255	0.0	0.0	5.9	55.5	50.0	0.0	33.3	33.3	50.0	50.0	66.7	83.3	83.3	100.0
Malaysia	326	302	0.0	0.0	6.9	86.5	100.0	0.0	50.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0
Malta	224	207	0.0	0.0	7.1	63.3	66.7	16.7	33.3	33.3	50.0	66.7	83.3	83.3	100.0	100.0
Morocco	373	358	0.0	0.0	3.9	54.4	50.0	0.0	33.3	33.3	33.3	50.0	66.7	83.3	83.3	100.0
New Zealand	489	458	0.0	0.0	4.9	68.9	66.7	0.0	33.3	33.3	50.0	66.7	83.3	100.0	100.0	100.0
Norway (9)	239	209	0.0	0.0	10.7	58.4	50.0	0.0	33.3	33.3	50.0	50.0	66.7	100.0	100.0	100.0
Oman	356	351	0.0	0.0	1.2	84.5	100.0	16.7	50.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0
Qatar	250	244	0.0	0.0	1.3	83.6	100.0	0.0	50.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	146	0.0	0.0	2.2	91.4	100.0	50.0	66.7	66.7	83.3	100.0	100.0	100.0	100.0	100.0
Singapore	334	327	0.0	0.0	2.5	80.2	83.3	33.3	50.0	66.7	66.7	83.3	83.3	100.0	100.0	100.0
Slovenia	467	429	0.0	0.0	6.9	62.9	66.7	0.0	33.3	50.0	50.0	66.7	66.7	83.3	83.3	100.0
South Africa (9)	334	317	0.0	0.0	6.0	80.6	100.0	0.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Sweden	206	197	0.0	0.0	3.5	59.5	50.0	0.0	33.3	33.3	50.0	60.0	66.7	83.3	100.0	100.0
Thailand	205	203	0.0	0.0	1.0	80.3	100.0	0.0	33.3	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Turkey	220	220	0.0	0.0	0.0	79.0	66.7	40.0	66.7	66.7	66.7	83.3	83.3	100.0	100.0	100.0
United Arab Emirates	746	644	0.0	0.0	11.1	84.2	100.0	0.0	50.0	66.7	80.0	83.3	100.0	100.0	100.0	100.0
United States	429	364	0.0	0.0	15.0	84.4	100.0	0.0	33.3	50.0	83.3	100.0	100.0	100.0	100.0	100.0
International Avg. (38)	12055	10917	0.0	0.0	5.3	77.1	82.9	15.3	45.2	53.1	66.9	79.6	89.9	96.9	98.2	100.0
Buenos Aires, Argentina	138	60	0.0	0.0	57.5	41.0	33.3	0.0	0.0	16.7	33.3	33.3	50.0	66.7	83.3	100.0
Ontario, Canada	217	180	0.0	0.0	16.9	85.7	100.0	16.7	50.0	50.0	83.3	100.0	100.0	100.0	100.0	100.0
Quebec, Canada	175	158	0.0	0.0	8.2	86.9	100.0	50.0	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0
Norway (8)	239	208	0.0	0.0	10.6	44.6	33.3	0.0	0.0	16.7	33.3	50.0	66.7	83.3	83.3	100.0
Abu Dhabi, UAE	207	170	0.0	0.0	15.3	85.0	100.0	16.7	50.0	66.7	83.3	83.3	100.0	100.0	100.0	100.0
Dubai, UAE	267	243	0.0	0.0	6.2	83.3	100.0	0.0	50.0	50.0	66.7	83.3	100.0	100.0	100.0	100.0
Florida, US	110	76	0.0	0.0	27.7	82.6	100.0	0.0	16.7	50.0	66.7	100.0	100.0	100.0	100.0	100.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

Question: Percentage of Students Taught Mathematics Data and Chance Topics
Location: Derived (BTDM21DT)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	741	0.0	0.0	13.7	71.4	100.0	0.0	0.0	0.0	66.7	100.0	100.0	100.0	100.0	100.0
Bahrain	201	196	0.0	0.0	2.5	83.2	100.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Botswana (9)	169	153	0.0	0.0	7.0	62.4	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Canada	409	355	0.0	0.0	12.8	69.0	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Chile	173	148	0.0	0.0	12.9	78.3	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Chinese Taipei	216	215	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	100.0
Egypt	215	208	0.0	0.0	2.7	77.6	100.0	33.3	33.3	33.3	66.7	100.0	100.0	100.0	100.0	100.0
England	215	181	0.0	0.0	14.7	76.2	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Georgia	188	186	0.0	0.0	1.3	44.9	33.3	0.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0
Hong Kong SAR	175	173	0.0	0.0	1.8	32.7	0.0	0.0	0.0	0.0	0.0	33.3	66.7	66.7	100.0	100.0
Hungary	278	267	0.0	0.0	3.9	67.0	100.0	0.0	0.0	0.0	33.3	100.0	100.0	100.0	100.0	100.0
Iran, Islamic Rep. of	251	250	0.0	0.0	0.7	63.0	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Ireland	526	480	0.0	0.0	8.0	74.6	100.0	0.0	0.0	0.0	66.7	100.0	100.0	100.0	100.0	100.0
Israel	603	520	0.0	0.0	11.2	58.9	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Italy	230	216	0.0	0.0	4.6	56.4	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Japan	231	229	0.0	0.0	0.6	79.5	100.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Jordan	260	255	0.0	0.0	2.1	63.7	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Kazakhstan	239	237	0.0	0.0	0.7	63.4	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Korea, Rep. of	317	316	0.0	0.0	0.6	34.0	0.0	0.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0
Kuwait	191	187	0.0	0.0	2.4	69.1	100.0	0.0	33.3	33.3	33.3	66.7	100.0	100.0	100.0	100.0
Lebanon	185	167	0.0	0.0	7.6	34.0	0.0	0.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0
Lithuania	269	255	0.0	0.0	5.9	49.3	33.3	0.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0
Malaysia	326	302	0.0	0.0	6.9	36.5	0.0	0.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0
Malta	224	207	0.0	0.0	7.1	63.3	100.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0	100.0
Morocco	373	358	0.0	0.0	3.9	28.7	0.0	0.0	0.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0
New Zealand	489	458	0.0	0.0	4.9	76.0	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Norway (9)	239	208	0.0	0.0	10.8	64.9	66.7	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Oman	356	349	0.0	0.0	2.0	71.7	100.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0	100.0
Qatar	250	244	0.0	0.0	1.3	65.5	100.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0
Russian Federation	226	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saudi Arabia	149	145	0.0	0.0	2.7	87.0	100.0	33.3	33.3	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Singapore	334	327	0.0	0.0	2.5	77.4	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Slovenia	467	429	0.0	0.0	6.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	33.3	66.7	100.0
South Africa (9)	334	312	0.0	0.0	7.0	49.2	100.0	0.0	0.0	0.0	0.0	33.3	100.0	100.0	100.0	100.0
Sweden	206	196	0.0	0.0	3.7	48.8	33.3	0.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0
Thailand	205	203	0.0	0.0	1.0	31.5	0.0	0.0	0.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0
Turkey	220	220	0.0	0.0	0.0	98.8	100.0	33.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United Arab Emirates	746	647	0.0	0.0	10.7	78.0	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
United States	429	364	0.0	0.0	15.0	83.0	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
International Avg. (38)	12055	10904	0.0	0.0	5.4	60.1	72.8	2.6	7.0	14.0	37.7	66.7	86.8	93.9	97.4	100.0
Buenos Aires, Argentina	138	60	0.0	0.0	57.5	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	100.0	100.0
Ontario, Canada	217	180	0.0	0.0	16.9	85.3	100.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Quebec, Canada	175	158	0.0	0.0	8.2	44.7	33.3	0.0	0.0	0.0	33.3	33.3	66.7	100.0	100.0	100.0
Norway (8)	239	208	0.0	0.0	10.6	40.4	66.7	0.0	0.0	0.0	0.0	33.3	66.7	66.7	100.0	100.0
Abu Dhabi, UAE	207	171	0.0	0.0	14.7	73.4	100.0	0.0	0.0	33.3	33.3	100.0	100.0	100.0	100.0	100.0
Dubai, UAE	267	244	0.0	0.0	6.0	81.4	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0
Florida, US	110	76	0.0	0.0	27.7	83.8	100.0	0.0	0.0	33.3	66.7	100.0	100.0	100.0	100.0	100.0

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	800	8.4	0.0	0.8	10.2	10.0	0.6	6.5	7.4	8.7	10.0	11.5	13.1	13.8	18.1
Bahrain	201	198	1.0	0.0	1.0	10.3	9.5	5.8	7.7	8.2	9.2	10.2	11.3	12.6	13.4	18.1
Botswana (9)	169	155	5.5	0.0	0.3	8.6	8.2	4.0	5.8	6.5	7.7	8.5	9.5	10.7	11.8	18.1
Canada	409	364	9.7	0.0	0.8	10.7	10.7	4.6	7.4	7.9	9.2	10.5	11.8	13.8	15.0	18.1
Chile	173	155	9.4	0.0	0.0	9.2	8.7	2.4	6.2	6.8	7.7	9.2	10.7	12.0	12.6	18.1
Chinese Taipei	216	216	0.0	0.0	0.0	9.9	10.7	5.8	7.1	7.7	8.7	9.7	11.0	12.3	12.6	18.1
Egypt	215	213	0.7	0.0	0.5	9.6	8.7	2.4	5.8	7.4	8.5	9.5	10.7	12.0	12.6	18.1
England	215	184	13.1	0.0	0.0	10.5	11.0	5.0	6.8	7.9	9.2	10.7	12.0	12.8	13.8	18.1
Georgia	188	188	0.0	0.0	0.0	10.3	9.7	7.1	8.5	8.7	9.2	10.2	11.0	12.0	12.8	18.1
Hong Kong SAR	175	173	1.8	0.0	0.0	9.5	9.7	4.0	6.5	7.4	8.2	9.7	10.7	11.5	12.3	15.6
Hungary	278	268	3.4	0.0	0.3	9.4	9.2	5.0	6.5	7.4	8.5	9.5	10.5	11.5	12.3	16.4
Iran, Islamic Rep. of	251	250	0.0	0.0	0.6	9.7	9.7	0.6	6.2	6.8	8.2	9.7	11.2	12.8	13.4	18.1
Ireland	526	483	6.7	0.0	0.4	11.0	11.0	4.6	7.4	8.2	9.7	11.0	12.0	13.4	14.1	18.1
Israel	603	549	6.2	0.0	0.4	10.4	10.0	5.0	7.4	8.2	9.2	10.5	11.5	12.6	13.1	18.1
Italy	230	212	5.2	0.0	1.4	9.1	10.2	4.6	6.8	7.4	8.2	9.2	10.1	10.6	11.5	16.4
Japan	231	229	0.3	0.0	0.2	9.6	10.0	4.6	7.1	7.7	8.5	9.7	10.7	11.5	12.0	14.1
Jordan	260	258	0.0	0.0	0.7	9.4	8.7	4.0	6.8	7.4	8.2	9.2	10.4	11.8	12.6	18.1
Kazakhstan	239	238	0.4	0.0	0.0	11.3	12.3	7.9	9.0	9.5	10.0	11.0	12.0	13.4	14.1	18.1
Korea, Rep. of	317	317	0.0	0.0	0.0	11.2	11.5	5.8	7.9	8.5	9.7	11.0	12.0	14.1	15.0	18.1
Kuwait	191	188	1.4	0.0	0.6	10.0	9.7	5.8	7.1	7.4	8.7	10.0	11.0	12.3	13.8	15.0
Lebanon	185	179	2.3	0.0	1.4	9.8	9.7	4.8	7.1	7.4	8.2	9.7	11.2	12.8	13.4	14.5
Lithuania	269	258	4.8	0.0	0.0	10.3	9.5	3.3	7.9	8.5	9.5	10.2	11.2	12.3	12.8	16.4
Malaysia	326	304	6.2	0.0	0.4	11.1	10.7	6.8	9.0	9.5	10.0	10.7	12.0	13.1	14.1	18.1
Malta	224	213	4.6	0.0	0.0	10.3	11.0	2.4	6.8	7.9	9.0	10.2	11.5	12.6	13.4	15.6
Morocco	373	361	2.3	0.0	0.4	7.7	7.4	3.3	4.6	5.5	6.5	7.7	8.5	9.7	11.5	18.1
New Zealand	489	455	3.7	0.0	2.4	10.5	11.0	3.3	7.7	8.3	9.2	10.5	11.8	12.6	13.1	18.1
Norway (9)	239	219	7.1	0.0	0.0	9.9	10.5	6.5	7.9	8.5	9.0	10.0	10.5	11.5	12.0	14.5
Oman	356	353	0.0	0.0	1.3	10.3	8.7	5.8	7.4	7.9	9.0	10.2	11.5	13.1	13.8	16.4
Qatar	250	246	0.4	0.0	0.4	11.4	12.3	5.5	8.5	9.0	10.0	11.2	12.6	14.5	15.0	18.1
Russian Federation	226	225	0.0	0.0	0.6	9.5	9.0	5.0	7.7	7.9	8.7	9.5	10.2	11.0	11.6	13.4
Saudi Arabia	149	145	0.6	0.0	1.9	9.6	9.0	5.0	6.8	7.1	8.2	9.5	11.0	12.0	12.8	14.5
Singapore	334	330	1.7	0.0	0.0	10.1	11.5	5.0	7.4	7.9	9.0	10.0	11.2	12.3	13.1	18.1
Slovenia	467	441	5.1	0.0	0.0	9.7	9.2	5.8	7.7	8.2	9.0	9.5	10.5	11.2	11.8	15.0
South Africa (9)	334	330	0.2	0.0	0.7	9.7	7.7	3.3	6.8	7.7	8.2	9.5	10.7	12.6	13.8	18.1
Sweden	206	200	1.8	0.0	0.2	9.6	10.5	6.2	7.1	7.9	8.5	9.7	10.5	11.5	11.8	15.0
Thailand	205	204	0.0	0.0	0.6	10.2	10.2	0.7	7.9	8.2	9.0	10.2	11.2	12.3	13.4	18.1
Turkey	220	220	0.0	0.0	0.0	9.2	7.9	4.0	6.5	7.1	7.9	9.0	10.2	11.8	12.6	15.0
United Arab Emirates	746	681	7.7	0.0	0.3	11.2	10.2	5.0	8.2	9.0	9.9	11.0	12.6	13.8	14.5	18.1
United States	429	371	13.6	0.0	0.0	9.8	9.5	3.3	6.2	7.4	8.2	9.5	11.2	12.6	13.4	18.1
International Avg. (39)	12055	11373	3.5	0.0	0.5	10.0	9.9	4.5	7.2	7.8	8.8	9.9	11.1	12.3	13.1	17.0
Buenos Aires, Argentina	138	61	57.3	0.0	0.0	9.2	8.7	5.5	7.1	7.1	7.9	9.0	10.0	11.8	12.8	16.4
Ontario, Canada	217	186	11.9	0.0	1.3	10.2	10.7	4.6	7.1	7.9	9.2	10.2	11.2	12.3	13.1	15.6
Quebec, Canada	175	161	7.9	0.0	0.0	11.8	11.5	5.8	7.7	8.5	10.2	11.5	13.4	15.6	16.4	18.1
Norway (8)	239	216	7.8	0.0	0.4	10.0	9.5	5.8	7.9	8.2	9.2	10.0	11.0	11.5	12.3	15.6
Abu Dhabi, UAE	207	182	11.4	0.0	0.1	10.5	9.2	6.8	7.7	8.5	9.2	10.5	11.5	12.6	13.4	18.1
Dubai, UAE	267	253	3.8	0.0	0.0	12.1	11.8	5.0	8.7	9.5	10.5	12.0	13.8	14.5	15.6	18.1
Florida, US	110	78	24.8	0.0	1.9	9.4	11.5	4.0	5.0	5.8	8.2	9.2	11.5	12.3	13.1	14.5

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

Country	Sample	Valid N	1. Very high emphasis %	2. High emphasis %	3. Medium emphasis %	Missing %	Not administered %	Not applicable %	1. Very high emphasis Mean	2. High emphasis Mean	3. Medium emphasis Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	800	8.4	47.8	43.8	0.8	8.4	0.0	543.1	523.1	484.4	474.8	477.1	.
Bahrain	201	198	4.5	54.1	41.4	1.0	1.0	0.0	494.9	466.2	434.2	424.6	452.8	.
Botswana	169	155	1.4	17.0	81.6	0.3	5.5	0.0	490.9	418.9	383.8	384.6	383.2	.
Canada	409	364	11.1	54.7	34.2	0.8	9.7	0.0	551.2	534.9	516.3	539.8	497.7	.
Chile	173	155	2.8	34.7	62.5	0.0	9.4	0.0	495.3	450.0	415.3	.	406.3	.
Chinese Taipei	216	216	2.4	44.9	52.7	0.0	0.0	0.0	655.5	619.9	578.8	.	.	.
Egypt	215	213	2.7	38.7	58.6	0.5	0.7	0.0	442.9	403.6	381.4	448.1	428.8	.
England	215	184	9.5	53.9	36.7	0.0	13.1	0.0	568.1	528.5	487.4	.	525.4	.
Georgia	188	188	3.1	56.5	40.3	0.0	0.0	0.0	446.5	462.6	440.5	.	.	.
Hong Kong SAR	175	173	1.1	39.8	59.1	0.0	1.8	0.0	617.8	626.2	571.6	.	615.8	.
Hungary	278	268	0.9	36.0	63.0	0.3	3.4	0.0	632.6	550.2	491.9	531.1	518.2	.
Iran, Islamic Rep. of	251	250	5.5	41.7	52.8	0.6	0.0	0.0	512.8	453.8	415.3	371.9	.	.
Ireland	526	483	11.5	61.5	27.0	0.4	6.7	0.0	537.9	535.0	490.2	463.4	530.7	.
Israel	603	549	4.2	58.0	37.7	0.4	6.2	0.0	533.1	532.6	473.4	563.8	516.4	.
Italy	230	212	1.2	32.2	66.6	1.4	5.2	0.0	514.9	499.9	491.8	478.1	493.9	.
Japan	231	229	0.9	45.8	53.2	0.2	0.3	0.0	555.2	601.2	574.5	553.0	571.1	.
Jordan	260	258	1.1	36.3	62.6	0.7	0.0	0.0	387.2	402.4	375.5	404.0	.	.
Kazakhstan	239	238	10.3	71.3	18.3	0.0	0.4	0.0	565.6	527.8	506.7	.	518.8	.
Korea, Rep. of	317	317	15.8	57.2	27.0	0.0	0.0	0.0	619.7	610.7	587.2	.	.	.
Kuwait	191	188	6.3	45.0	48.7	0.6	1.4	0.0	487.7	394.4	377.2	467.8	401.3	.
Lebanon	185	179	9.4	32.9	57.7	1.4	2.3	0.0	462.7	459.6	428.6	454.5	451.2	.
Lithuania	269	258	3.2	58.2	38.6	0.0	4.8	0.0	548.1	520.3	493.1	.	524.4	.
Malaysia	326	304	9.6	69.2	21.2	0.4	6.2	0.0	503.7	466.5	447.6	434.0	455.7	.
Malta	224	213	5.3	54.7	40.1	0.0	4.6	0.0	531.1	503.5	476.8	.	478.6	.
Morocco	373	361	1.6	8.2	90.2	0.4	2.3	0.0	454.9	411.0	380.6	404.0	384.9	.
New Zealand	489	455	4.4	59.0	36.6	2.4	3.7	0.0	530.8	500.0	477.9	502.5	472.4	.
Norway	239	219	1.1	50.4	48.5	0.0	7.1	0.0	514.7	519.6	505.1	.	499.3	.
Oman	356	353	8.9	45.7	45.4	1.3	0.0	0.0	423.3	412.7	388.5	439.6	.	.
Qatar	250	246	17.6	57.6	24.9	0.4	0.4	0.0	471.6	444.2	395.5	367.4	546.5	.
Russian Federation	226	225	0.4	35.4	64.2	0.6	0.0	0.0	632.4	552.3	529.0	597.7	.	.
Saudi Arabia	149	145	2.1	38.1	59.8	1.9	0.6	0.0	513.4	372.4	358.7	375.3	448.5	.
Singapore	334	330	4.1	49.4	46.5	0.0	1.7	0.0	643.4	638.9	597.7	.	681.7	.
Slovenia	467	441	0.6	41.7	57.7	0.0	5.1	0.0	537.4	519.4	514.4	.	511.9	.
South Africa	334	330	6.9	36.6	56.5	0.7	0.2	0.0	407.3	389.0	357.7	355.2	319.9	.
Sweden	206	200	0.3	41.8	57.9	0.2	1.8	0.0	561.9	513.2	491.1	497.2	510.0	.
Thailand	205	204	5.6	51.7	42.7	0.6	0.0	0.0	454.6	445.3	410.9	487.2	.	.
Turkey	220	220	3.6	28.3	68.2	0.0	0.0	0.0	546.7	481.2	443.2	.	.	.
United Arab Emirates	746	681	14.5	60.7	24.7	0.3	7.7	0.0	513.0	468.0	431.2	456.8	457.1	.
United States	429	371	5.8	39.4	54.8	0.0	13.6	0.0	558.5	537.2	500.9	.	516.7	.
International Avg. (39)	12055	11373	5.4	45.8	48.8	0.5	3.5	0.0	524.7	494.8	464.3	459.1	486.5	.
Buenos Aires, Argentina	138	61	0.5	26.9	72.6	0.0	57.3	0.0	489.1	401.3	385.4	.	400.5	.
Ontario, Canada	217	186	3.9	54.8	41.3	1.3	11.9	0.0	552.8	531.4	512.2	539.8	506.0	.
Quebec, Canada	175	161	26.9	51.5	21.5	0.0	7.9	0.0	550.8	553.7	536.9	.	474.1	.
Norway (8)	239	216	1.9	50.8	47.3	0.4	7.8	0.0	517.2	493.6	479.0	467.0	482.8	.
Abu Dhabi, UAE	207	182	5.0	59.0	36.0	0.1	11.4	0.0	454.3	451.2	423.4	403.1	444.7	.
Dubai, UAE	267	253	29.6	57.0	13.3	0.0	3.8	0.0	546.9	508.1	456.8	.	487.9	.
Florida, US	110	78	3.9	32.6	63.4	1.9	24.8	0.0	595.0	530.2	483.7	427.8	469.7	.

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

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	797	8.4	0.0	0.7	11.0	14.1	4.2	7.2	8.0	9.2	11.2	12.7	14.1	14.1	14.1
Bahrain	201	199	1.0	0.0	0.4	10.2	11.2	5.5	7.2	8.0	8.8	10.6	11.2	12.7	14.1	14.1
Botswana (9)	169	155	5.5	0.0	0.3	8.3	7.6	4.2	5.5	6.2	7.2	8.0	9.2	10.6	11.8	14.1
Canada	409	365	9.7	0.0	0.7	10.7	14.1	4.2	7.6	8.0	9.2	10.6	12.7	14.1	14.1	14.1
Chile	173	154	9.4	0.0	0.7	9.7	12.7	4.2	6.2	7.2	8.0	9.6	11.2	12.7	14.1	14.1
Chinese Taipei	216	216	0.0	0.0	0.0	10.1	9.6	5.5	7.2	8.0	8.4	9.6	11.2	14.1	14.1	14.1
Egypt	215	213	0.7	0.0	0.3	10.4	14.1	4.2	7.2	8.0	8.8	10.1	11.8	14.1	14.1	14.1
England	215	182	13.1	0.0	0.9	10.6	14.1	4.2	7.2	7.8	9.2	10.1	11.8	14.1	14.1	14.1
Georgia	188	188	0.0	0.0	0.0	10.3	10.6	7.2	7.9	8.4	9.2	10.1	11.2	12.7	14.1	14.1
Hong Kong SAR	175	173	1.8	0.0	0.0	10.9	10.1	4.2	8.0	8.8	9.6	10.6	11.8	14.1	14.1	14.1
Hungary	278	268	3.4	0.0	0.4	10.0	10.1	4.2	7.2	7.6	8.8	10.1	11.2	12.7	14.1	14.1
Iran, Islamic Rep. of	251	251	0.0	0.0	0.0	10.7	14.1	4.2	7.2	8.0	9.2	10.6	12.7	14.1	14.1	14.1
Ireland	526	485	6.7	0.0	0.3	11.6	14.1	5.5	7.6	8.4	10.1	11.8	14.1	14.1	14.1	14.1
Israel	603	544	6.2	0.0	1.2	10.9	14.1	4.2	7.6	8.0	9.6	11.2	11.8	14.1	14.1	14.1
Italy	230	214	4.6	0.0	0.6	9.1	8.8	5.5	7.2	7.6	8.0	8.8	9.6	11.2	11.8	14.1
Japan	231	230	0.3	0.0	0.0	8.8	8.8	4.2	6.2	6.7	8.0	8.8	9.2	10.6	11.2	14.1
Jordan	260	257	0.0	0.0	1.3	9.9	10.6	5.5	6.7	7.2	8.4	9.6	11.2	12.7	14.1	14.1
Kazakhstan	239	238	0.4	0.0	0.0	11.4	14.1	7.2	8.8	8.8	9.6	11.2	14.1	14.1	14.1	14.1
Korea, Rep. of	317	317	0.0	0.0	0.0	9.6	8.8	5.5	7.2	7.6	8.4	9.2	10.6	12.7	14.1	14.1
Kuwait	191	188	1.4	0.0	0.6	10.5	11.2	6.2	7.6	8.4	9.2	10.6	11.2	12.7	14.1	14.1
Lebanon	185	179	2.3	0.0	0.9	11.1	14.1	6.2	7.6	8.4	9.6	11.2	12.7	14.1	14.1	14.1
Lithuania	269	257	4.8	0.0	0.7	10.3	10.6	5.5	7.2	8.4	9.2	10.1	11.2	12.7	14.1	14.1
Malaysia	326	305	6.2	0.0	0.0	9.9	11.2	6.7	7.6	7.6	8.8	9.6	11.2	12.7	14.1	14.1
Malta	224	213	4.6	0.0	0.0	10.4	14.1	4.2	7.2	7.6	8.8	10.1	11.8	14.1	14.1	14.1
Morocco	373	362	2.3	0.0	0.3	9.1	7.6	4.2	5.5	6.2	7.6	8.8	10.6	12.7	14.1	14.1
New Zealand	489	455	3.7	0.0	2.4	10.7	14.1	4.2	7.2	7.6	8.8	10.6	12.7	14.1	14.1	14.1
Norway (9)	239	219	7.1	0.0	0.0	11.3	10.6	7.2	8.8	9.6	10.1	11.2	12.7	14.1	14.1	14.1
Oman	356	355	0.0	0.0	0.0	10.7	14.1	6.7	7.6	8.0	8.8	10.6	11.8	14.1	14.1	14.1
Qatar	250	246	0.4	0.0	0.9	11.5	14.1	4.2	8.4	8.8	10.6	11.2	12.7	14.1	14.1	14.1
Russian Federation	226	226	0.0	0.0	0.0	10.7	10.6	6.2	8.0	8.8	9.6	10.6	11.2	14.1	14.1	14.1
Saudi Arabia	149	146	0.6	0.0	1.1	10.3	14.1	5.5	6.9	7.6	8.4	10.1	11.8	14.1	14.1	14.1
Singapore	334	330	1.7	0.0	0.0	11.2	14.1	4.2	8.0	8.4	9.2	11.2	14.1	14.1	14.1	14.1
Slovenia	467	441	5.1	0.0	0.0	9.3	8.8	5.5	6.7	7.2	8.4	8.8	10.1	11.2	12.7	14.1
South Africa (9)	334	331	0.2	0.0	0.0	9.2	7.6	4.2	6.2	6.7	7.6	9.2	10.6	11.8	12.7	14.1
Sweden	206	200	1.8	0.0	0.9	9.8	9.6	4.2	7.2	7.6	8.8	9.6	10.6	11.8	14.1	14.1
Thailand	205	205	0.0	0.0	0.0	10.3	9.6	4.2	7.2	8.0	8.8	10.1	11.8	12.7	14.1	14.1
Turkey	220	220	0.0	0.0	0.0	9.2	7.2	4.2	6.2	6.7	7.6	9.2	10.6	11.8	12.7	14.1
United Arab Emirates	746	681	7.7	0.0	0.4	11.4	14.1	5.5	8.0	8.8	10.1	11.2	12.7	14.1	14.1	14.1
United States	429	369	13.6	0.0	0.4	10.3	14.1	4.2	6.7	7.2	8.4	10.1	12.7	14.1	14.1	14.1
International Avg. (39)	12055	11374	3.4	0.0	0.4	10.3	11.6	5.1	7.3	7.8	8.9	10.2	11.6	13.2	13.8	14.1
Buenos Aires, Argentina	138	61	57.3	0.0	0.0	11.3	14.1	6.7	8.0	8.4	9.6	11.2	12.7	14.1	14.1	14.1
Ontario, Canada	217	187	11.9	0.0	1.2	10.7	14.1	5.5	7.6	7.6	8.8	10.6	12.7	14.1	14.1	14.1
Quebec, Canada	175	161	7.9	0.0	0.0	10.4	9.2	4.2	7.6	8.0	9.2	10.1	11.8	14.1	14.1	14.1
Norway (8)	239	216	7.8	0.0	0.4	11.2	14.1	4.2	8.4	9.2	10.1	11.2	12.7	14.1	14.1	14.1
Abu Dhabi, UAE	207	182	11.4	0.0	0.8	10.9	14.1	6.7	8.0	8.4	9.2	10.6	11.8	14.1	14.1	14.1
Dubai, UAE	267	251	3.8	0.0	0.4	12.2	14.1	5.5	8.4	9.6	10.6	12.7	14.1	14.1	14.1	14.1
Florida, US	110	78	24.8	0.0	1.1	9.5	8.4	4.2	6.2	6.7	7.6	9.2	11.2	12.7	14.1	14.1

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1. Safe and orderly %	2. Somewhat safe and orderly %	3. Not safe and orderly %	Missing %	Not administered %	Not applicable %	1. Safe and orderly Mean	2. Somewhat safe and orderly Mean	3. Not safe and orderly Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	797	59.9	33.4	6.7	0.7	8.4	0.0	523.4	491.8	444.7	502.5	477.0	.
Bahrain	201	199	50.5	43.6	5.9	0.4	1.0	0.0	463.5	443.2	452.7	437.6	452.8	.
Botswana	169	155	15.3	52.7	32.0	0.3	5.5	0.0	414.5	388.7	384.5	384.6	383.2	.
Canada	409	365	50.1	45.4	4.4	0.7	9.7	0.0	533.3	529.2	507.3	548.7	497.7	.
Chile	173	154	37.9	48.5	13.6	0.7	9.4	0.0	450.6	423.7	389.9	467.6	406.3	.
Chinese Taipei	216	216	38.1	56.6	5.3	0.0	0.0	0.0	612.7	590.4	593.8	.	.	.
Egypt	215	213	49.1	44.9	6.0	0.3	0.7	0.0	407.0	377.9	372.9	436.8	428.8	.
England	215	182	50.0	43.7	6.3	0.9	13.1	0.0	526.5	513.9	461.1	545.8	525.4	.
Georgia	188	188	44.8	52.9	2.4	0.0	0.0	0.0	464.9	444.9	417.5	.	.	.
Hong Kong SAR	175	173	55.8	43.4	0.8	0.0	1.8	0.0	605.6	579.7	540.2	.	615.8	.
Hungary	278	268	41.5	51.8	6.8	0.4	3.4	0.0	527.0	511.3	459.4	518.0	518.2	.
Iran, Islamic Rep. of	251	251	54.4	40.0	5.5	0.0	0.0	0.0	446.0	429.5	390.8	.	.	.
Ireland	526	485	70.0	25.6	4.4	0.3	6.7	0.0	533.8	505.2	452.1	561.2	530.7	.
Israel	603	544	59.7	35.4	4.9	1.2	6.2	0.0	523.0	497.9	463.0	464.3	516.4	.
Italy	230	214	17.0	75.5	7.6	0.6	4.6	0.0	514.9	491.7	460.9	522.7	512.6	.
Japan	231	230	13.8	72.5	13.7	0.0	0.3	0.0	582.9	589.6	573.9	.	571.1	.
Jordan	260	257	41.0	47.8	11.2	1.3	0.0	0.0	399.7	380.1	360.2	358.2	.	.
Kazakhstan	239	238	61.3	38.5	0.2	0.0	0.4	0.0	529.4	525.5	501.6	.	518.8	.
Korea, Rep. of	317	317	27.4	64.1	8.4	0.0	0.0	0.0	613.2	603.6	598.0	.	.	.
Kuwait	191	188	55.0	41.1	3.9	0.6	1.4	0.0	394.9	388.9	379.3	467.8	401.3	.
Lebanon	185	179	67.0	29.7	3.2	0.9	2.3	0.0	447.0	433.8	416.6	458.6	451.2	.
Lithuania	269	257	48.6	46.2	5.2	0.7	4.8	0.0	513.9	507.4	506.8	526.6	524.4	.
Malaysia	326	305	34.6	61.6	3.8	0.0	6.2	0.0	492.2	451.5	460.7	.	455.7	.
Malta	224	213	47.8	46.3	6.0	0.0	4.6	0.0	508.8	485.4	446.5	.	478.6	.
Morocco	373	362	25.6	51.5	22.9	0.3	2.3	0.0	399.3	382.2	372.3	402.3	384.9	.
New Zealand	489	455	50.4	42.1	7.5	2.4	3.7	0.0	507.0	478.7	482.5	502.5	472.4	.
Norway	239	219	71.8	27.8	0.4	0.0	7.1	0.0	515.3	505.9	456.6	.	499.3	.
Oman	356	355	51.8	45.8	2.4	0.0	0.0	0.0	415.7	390.7	370.3	352.9	.	.
Qatar	250	246	75.1	22.6	2.3	0.9	0.4	0.0	440.4	424.4	414.6	488.6	546.5	.
Russian Federation	226	226	56.8	41.6	1.7	0.0	0.0	0.0	545.0	528.1	546.0	.	.	.
Saudi Arabia	149	146	48.3	42.2	9.5	1.1	0.6	0.0	377.9	360.6	338.7	398.0	448.5	.
Singapore	334	330	59.2	37.7	3.0	0.0	1.7	0.0	628.8	608.7	586.1	.	681.7	.
Slovenia	467	441	18.8	70.9	10.3	0.0	5.1	0.0	526.9	514.5	511.9	.	511.9	.
South Africa	334	331	32.8	45.0	22.2	0.0	0.2	0.0	397.2	366.4	348.2	.	319.9	.
Sweden	206	200	31.0	62.9	6.1	0.9	1.8	0.0	511.3	497.0	483.8	489.8	510.0	.
Thailand	205	205	43.6	50.7	5.7	0.0	0.0	0.0	441.1	423.2	430.3	.	.	.
Turkey	220	220	30.0	47.4	22.6	0.0	0.0	0.0	479.4	462.9	417.7	.	.	.
United Arab Emirates	746	681	66.9	31.6	1.5	0.4	7.7	0.0	481.6	433.1	448.2	387.3	457.1	.
United States	429	369	46.5	40.9	12.6	0.4	13.6	0.0	537.8	507.0	482.5	589.5	516.7	.
International Avg. (39)	12055	11374	46.1	46.2	7.7	0.4	3.4	0.0	493.2	473.6	454.5	470.1	487.2	.
Buenos Aires, Argentina	138	61	63.7	35.8	0.4	0.0	57.3	0.0	389.8	391.3	356.1	.	400.5	.
Ontario, Canada	217	187	52.5	42.5	5.0	1.2	11.9	0.0	530.8	518.5	503.5	548.7	506.0	.
Quebec, Canada	175	161	41.0	55.2	3.8	0.0	7.9	0.0	554.5	547.6	518.3	.	474.1	.
Norway (8)	239	216	62.8	36.6	0.6	0.4	7.8	0.0	490.3	482.4	449.1	481.9	482.8	.
Abu Dhabi, UAE	207	182	55.9	43.0	1.0	0.8	11.4	0.0	458.8	420.2	423.5	383.0	444.7	.
Dubai, UAE	267	251	79.5	18.6	1.9	0.4	3.8	0.0	524.1	470.6	476.5	397.8	487.9	.
Florida, US	110	78	34.1	51.1	14.9	1.1	24.8	0.0	518.8	497.4	470.0	550.1	469.7	.

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

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	796	8.8	0.0	0.5	10.9	13.7	5.1	8.4	8.9	9.5	10.5	12.2	13.7	13.7	13.7
Bahrain	201	199	1.0	0.0	0.4	11.0	13.7	6.3	8.4	8.7	9.5	10.9	12.2	13.7	13.7	13.7
Botswana (9)	169	155	5.5	0.0	0.3	7.6	7.6	3.7	5.8	5.8	6.7	7.6	8.4	9.5	10.1	13.7
Canada	409	365	9.7	0.0	0.7	10.6	13.7	6.3	7.9	8.7	9.5	10.5	11.4	13.7	13.7	13.7
Chile	173	154	9.4	0.0	0.7	10.6	13.7	5.8	7.3	7.9	8.9	10.5	12.2	13.7	13.7	13.7
Chinese Taipei	216	216	0.0	0.0	0.0	10.4	13.7	7.3	8.2	8.4	9.2	10.1	11.4	13.7	13.7	13.7
Egypt	215	210	0.7	0.0	1.7	8.8	8.4	3.7	6.3	6.7	7.9	8.7	9.8	11.4	12.2	13.7
England	215	184	13.1	0.0	0.0	10.8	13.7	5.8	8.4	8.7	9.5	10.5	11.4	13.7	13.7	13.7
Georgia	188	188	0.0	0.0	0.0	9.5	9.8	5.1	7.3	7.6	8.2	9.2	10.5	12.2	13.4	13.7
Hong Kong SAR	175	162	1.8	0.0	6.0	10.7	10.1	7.0	8.2	8.9	9.8	10.5	11.4	13.7	13.7	13.7
Hungary	278	268	3.4	0.0	0.4	9.7	9.2	6.3	7.3	7.6	8.4	9.5	10.5	11.4	13.7	13.7
Iran, Islamic Rep. of	251	251	0.0	0.0	0.0	9.6	10.9	3.7	6.7	7.3	8.2	9.5	10.9	12.2	13.7	13.7
Ireland	526	485	6.7	0.0	0.3	10.6	13.7	5.8	7.9	8.4	9.2	10.5	12.2	13.7	13.7	13.7
Israel	603	542	6.3	0.0	1.3	9.8	13.7	3.7	7.0	7.6	8.5	9.5	10.9	12.2	13.7	13.7
Italy	230	214	4.6	0.0	0.6	9.4	9.8	5.8	7.3	7.9	8.4	9.2	10.1	11.4	13.7	13.7
Japan	231	230	0.3	0.0	0.0	9.5	9.2	5.1	7.3	7.9	8.7	9.5	10.5	11.4	12.2	13.7
Jordan	260	256	0.0	0.0	1.5	9.4	13.7	5.1	6.3	6.7	7.9	9.2	10.9	12.2	13.7	13.7
Kazakhstan	239	237	0.4	0.0	0.3	10.3	13.7	5.1	7.0	7.6	8.7	10.1	11.4	13.7	13.7	13.7
Korea, Rep. of	317	317	0.0	0.0	0.0	10.3	13.7	3.7	7.9	8.2	9.2	10.1	11.4	13.7	13.7	13.7
Kuwait	191	186	1.4	0.0	1.7	10.2	13.7	3.7	6.7	7.6	8.7	10.5	11.4	13.7	13.7	13.7
Lebanon	185	178	2.3	0.0	2.0	10.4	13.7	3.9	7.3	7.6	8.9	10.5	11.4	13.7	13.7	13.7
Lithuania	269	257	4.8	0.0	0.3	10.2	9.8	5.1	7.6	8.4	9.2	9.8	11.4	12.2	13.7	13.7
Malaysia	326	305	6.2	0.0	0.0	9.1	9.5	5.8	6.7	7.3	8.2	9.2	9.8	11.4	12.0	13.7
Malta	224	213	4.6	0.0	0.0	10.5	13.7	6.3	7.6	8.2	9.5	10.1	11.4	13.7	13.7	13.7
Morocco	373	361	2.3	0.0	0.7	8.9	8.7	3.7	6.7	7.0	7.9	8.7	9.5	10.9	13.7	13.7
New Zealand	489	456	3.7	0.0	2.0	10.5	13.7	6.3	8.2	8.7	9.5	10.1	11.4	13.7	13.7	13.7
Norway (9)	239	219	7.1	0.0	0.0	10.1	10.1	6.3	7.9	8.2	8.9	9.8	10.9	12.2	13.7	13.7
Oman	356	348	0.0	0.0	2.1	10.5	13.7	5.1	7.3	8.2	8.9	10.1	12.2	13.7	13.7	13.7
Qatar	250	246	0.4	0.0	0.9	11.7	13.7	3.7	8.2	8.9	10.5	12.2	13.7	13.7	13.7	13.7
Russian Federation	226	226	0.0	0.0	0.0	10.1	9.5	5.8	7.3	7.9	9.2	10.1	10.9	12.2	13.7	13.7
Saudi Arabia	149	144	0.6	0.0	1.8	9.3	13.7	3.7	6.3	7.0	7.9	9.2	10.5	12.2	13.7	13.7
Singapore	334	330	1.7	0.0	0.0	10.9	13.7	3.7	8.4	8.9	9.5	10.9	12.2	13.7	13.7	13.7
Slovenia	467	441	5.1	0.0	0.0	10.7	13.7	3.7	7.6	8.4	9.5	10.5	12.2	13.7	13.7	13.7
South Africa (9)	334	330	0.2	0.0	0.3	8.6	9.2	3.7	5.1	6.3	7.0	8.2	9.8	12.2	13.7	13.7
Sweden	206	200	1.8	0.0	0.2	9.8	9.2	6.7	7.6	7.9	8.7	9.5	10.9	12.2	13.5	13.7
Thailand	205	204	0.0	0.0	0.5	10.0	10.1	5.1	7.6	8.2	8.9	9.5	10.9	13.7	13.7	13.7
Turkey	220	220	0.0	0.0	0.0	8.8	7.0	3.7	5.8	6.3	7.3	8.7	10.1	11.4	13.7	13.7
United Arab Emirates	746	679	7.7	0.0	0.6	11.2	13.7	3.8	8.2	8.9	9.8	10.9	13.7	13.7	13.7	13.7
United States	429	369	13.6	0.0	0.4	10.7	13.7	3.7	7.9	8.4	9.5	10.5	12.2	13.7	13.7	13.7
International Avg. (39)	12055	11341	3.5	0.0	0.7	10.0	11.8	5.0	7.4	7.9	8.8	9.9	11.2	12.8	13.5	13.7
Buenos Aires, Argentina	138	61	57.3	0.0	0.0	10.1	13.7	5.8	7.3	7.3	8.2	9.5	12.2	13.7	13.7	13.7
Ontario, Canada	217	187	11.9	0.0	1.2	10.4	11.4	6.3	7.6	8.7	9.2	10.1	11.4	12.2	13.7	13.7
Quebec, Canada	175	161	7.9	0.0	0.0	11.0	13.7	6.3	7.9	8.4	9.8	10.8	12.2	13.7	13.7	13.7
Norway (8)	239	216	7.8	0.0	0.4	10.2	9.5	5.8	8.2	8.4	9.2	9.8	10.9	12.2	13.7	13.7
Abu Dhabi, UAE	207	181	11.4	0.0	1.1	10.9	13.7	3.8	8.2	8.7	9.8	10.5	12.2	13.7	13.7	13.7
Dubai, UAE	267	250	3.8	0.0	0.7	11.8	13.7	5.1	8.9	9.5	10.5	11.4	13.7	13.7	13.7	13.7
Florida, US	110	79	24.8	0.0	0.0	10.7	13.7	5.8	7.9	8.7	9.2	10.5	12.2	13.7	13.7	13.7

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1. Hardly any problems %	2. Minor problems %	3. Moderate to severe problems %	Missing %	Not administered %	Not applicable %	1. Hardly any problems Mean	2. Minor problems Mean	3. Moderate to severe problems Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	796	49.7	44.0	6.3	0.5	8.8	0.0	519.5	495.5	499.9	465.2	478.9	.
Bahrain	201	199	52.5	40.3	7.3	0.4	1.0	0.0	459.5	451.0	431.0	437.6	452.8	.
Botswana	169	155	2.5	20.4	77.1	0.3	5.5	0.0	436.4	402.4	386.9	384.6	383.2	.
Canada	409	365	44.8	45.9	9.3	0.7	9.7	0.0	535.2	524.7	534.4	548.7	497.7	.
Chile	173	154	48.1	37.5	14.4	0.7	9.4	0.0	441.7	424.1	401.6	467.6	406.3	.
Chinese Taipei	216	216	37.9	51.4	10.8	0.0	0.0	0.0	614.8	590.6	584.5	.	.	.
Egypt	215	210	14.6	38.9	46.4	1.7	0.7	0.0	417.5	392.0	383.3	407.6	428.8	.
England	215	184	48.9	44.4	6.7	0.0	13.1	0.0	523.1	513.6	497.7	.	525.4	.
Georgia	188	188	22.2	44.0	33.7	0.0	0.0	0.0	462.8	452.0	448.5	.	.	.
Hong Kong SAR	175	162	39.2	52.0	8.8	6.0	1.8	0.0	596.9	594.8	568.5	602.5	615.8	.
Hungary	278	268	22.3	49.4	28.3	0.4	3.4	0.0	517.2	508.2	522.6	518.0	518.2	.
Iran, Islamic Rep. of	251	251	28.2	41.3	30.4	0.0	0.0	0.0	465.6	437.5	407.6	.	.	.
Ireland	526	485	45.3	42.2	12.4	0.3	6.7	0.0	527.4	518.6	520.7	561.2	530.7	.
Israel	603	542	29.3	45.9	24.8	1.3	6.3	0.0	509.2	518.9	496.8	504.3	516.9	.
Italy	230	214	17.4	50.6	32.0	0.6	4.6	0.0	485.5	501.1	485.3	522.7	512.6	.
Japan	231	230	17.3	60.3	22.4	0.0	0.3	0.0	587.5	585.7	588.1	.	571.1	.
Jordan	260	256	25.2	36.5	38.2	1.5	0.0	0.0	412.4	385.1	369.1	362.6	.	.
Kazakhstan	239	237	39.9	36.9	23.2	0.3	0.4	0.0	533.2	534.4	507.2	602.0	518.8	.
Korea, Rep. of	317	317	33.3	50.8	15.9	0.0	0.0	0.0	612.0	602.5	603.0	.	.	.
Kuwait	191	186	40.2	37.1	22.7	1.7	1.4	0.0	394.4	393.4	385.7	408.8	401.3	.
Lebanon	185	178	44.8	36.5	18.6	2.0	2.3	0.0	450.8	437.8	425.7	480.7	451.2	.
Lithuania	269	257	30.5	59.1	10.4	0.3	4.8	0.0	514.9	511.2	494.7	517.5	524.4	.
Malaysia	326	305	13.3	52.3	34.4	0.0	6.2	0.0	477.3	466.4	460.8	.	455.7	.
Malta	224	213	39.4	48.0	12.6	0.0	4.6	0.0	502.3	492.7	474.9	.	478.6	.
Morocco	373	361	12.2	40.8	47.0	0.7	2.3	0.0	405.2	386.7	377.1	378.9	384.9	.
New Zealand	489	456	41.2	49.1	9.8	2.0	3.7	0.0	496.8	495.0	469.7	504.3	472.4	.
Norway	239	219	29.1	53.2	17.6	0.0	7.1	0.0	517.9	511.7	505.8	.	499.3	.
Oman	356	348	37.2	46.7	16.1	2.1	0.0	0.0	406.9	403.9	392.7	399.3	.	.
Qatar	250	246	69.1	23.0	7.9	0.9	0.4	0.0	429.2	456.5	438.0	488.6	546.5	.
Russian Federation	226	226	34.5	49.7	15.8	0.0	0.0	0.0	543.5	536.6	530.3	.	.	.
Saudi Arabia	149	144	20.3	41.1	38.6	1.8	0.6	0.0	385.8	367.5	356.9	373.5	448.5	.
Singapore	334	330	50.4	44.4	5.3	0.0	1.7	0.0	621.3	620.9	598.4	.	681.7	.
Slovenia	467	441	44.6	42.6	12.8	0.0	5.1	0.0	518.4	515.3	514.5	.	511.9	.
South Africa	334	330	18.1	29.2	52.7	0.3	0.2	0.0	444.0	383.6	341.7	390.0	319.9	.
Sweden	206	200	25.8	52.7	21.5	0.2	1.8	0.0	497.9	505.1	492.6	497.2	510.0	.
Thailand	205	204	27.2	59.1	13.7	0.5	0.0	0.0	438.2	432.9	413.9	363.2	.	.
Turkey	220	220	16.3	36.0	47.7	0.0	0.0	0.0	481.3	461.4	446.6	.	.	.
United Arab Emirates	746	679	56.1	37.2	6.6	0.6	7.7	0.0	478.1	452.1	440.5	395.4	457.1	.
United States	429	369	48.6	41.3	10.0	0.4	13.6	0.0	521.7	514.4	517.3	589.5	516.7	.
International Avg. (39)	12055	11341	33.8	43.9	22.3	0.7	3.5	0.0	491.9	481.5	469.6	468.1	487.2	.
Buenos Aires, Argentina	138	61	33.5	37.6	28.9	0.0	57.3	0.0	429.5	379.7	358.4	.	400.5	.
Ontario, Canada	217	187	41.4	48.7	9.9	1.2	11.9	0.0	527.8	520.3	528.1	548.7	506.0	.
Quebec, Canada	175	161	49.7	39.7	10.6	0.0	7.9	0.0	553.7	544.9	544.8	.	474.1	.
Norway (8)	239	216	33.7	53.3	13.0	0.4	7.8	0.0	488.1	488.0	481.1	481.9	482.8	.
Abu Dhabi, UAE	207	181	49.8	41.5	8.7	1.1	11.4	0.0	446.8	435.0	447.2	388.3	444.7	.
Dubai, UAE	267	250	68.3	29.3	2.4	0.7	3.8	0.0	526.1	488.0	468.9	409.4	487.9	.
Florida, US	110	79	45.1	47.4	7.6	0.0	24.8	0.0	512.4	498.1	455.4	.	469.7	.

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	790	8.8	0.0	0.9	9.9	12.5	4.7	5.8	6.9	8.7	9.9	12.5	12.5	12.5	12.5
Bahrain	201	198	1.0	0.0	1.5	10.5	12.5	5.8	6.9	7.8	9.1	10.8	12.5	12.5	12.5	12.5
Botswana (9)	169	155	5.5	0.0	0.3	9.3	12.5	4.7	6.4	6.9	8.2	9.1	10.8	11.4	12.5	12.5
Canada	409	364	9.7	0.0	1.0	10.4	12.5	4.7	7.3	7.8	9.1	10.8	12.5	12.5	12.5	12.5
Chile	173	149	9.4	0.0	4.7	10.7	12.5	4.7	7.8	8.2	9.9	10.8	12.5	12.5	12.5	12.5
Chinese Taipei	216	214	0.0	0.0	0.6	9.8	12.5	4.7	6.4	7.3	8.7	9.5	11.4	12.5	12.5	12.5
Egypt	215	214	0.7	0.0	0.0	11.2	12.5	4.7	7.8	9.1	10.3	11.4	12.5	12.5	12.5	12.5
England	215	184	13.1	0.0	0.0	9.1	8.7	4.7	6.4	6.9	7.8	9.1	10.3	11.4	12.5	12.5
Georgia	188	186	0.0	0.0	0.7	10.5	12.5	4.7	7.3	8.2	9.5	10.3	12.5	12.5	12.5	12.5
Hong Kong SAR	175	162	1.8	0.0	6.8	9.4	8.7	4.7	6.4	7.3	8.2	9.1	10.3	12.5	12.5	12.5
Hungary	278	267	3.4	0.0	0.7	9.3	8.7	4.7	6.4	7.3	8.2	9.1	10.8	12.5	12.5	12.5
Iran, Islamic Rep. of	251	250	0.0	0.0	0.2	10.4	12.5	4.7	6.9	8.2	9.5	10.8	11.4	12.5	12.5	12.5
Ireland	526	481	6.7	0.0	0.5	10.4	12.5	4.7	6.9	7.8	9.1	10.8	12.5	12.5	12.5	12.5
Israel	603	542	6.2	0.0	1.2	10.8	12.5	4.7	7.3	8.2	9.5	11.4	12.5	12.5	12.5	12.5
Italy	230	213	4.6	0.0	1.8	9.4	12.5	4.7	6.4	6.9	7.8	9.1	10.8	12.5	12.5	12.5
Japan	231	228	0.3	0.0	0.6	9.0	8.7	4.7	5.8	6.4	7.8	8.7	10.3	12.5	12.5	12.5
Jordan	260	259	0.0	0.0	0.3	10.0	12.5	4.7	6.9	7.3	8.7	10.3	11.4	12.5	12.5	12.5
Kazakhstan	239	237	0.4	0.0	0.4	10.6	12.5	4.7	8.2	8.7	9.5	10.3	12.5	12.5	12.5	12.5
Korea, Rep. of	317	317	0.0	0.0	0.0	9.5	12.5	4.7	6.4	7.3	8.2	8.7	11.4	12.5	12.5	12.5
Kuwait	191	187	1.4	0.0	0.8	10.8	12.5	5.8	7.8	8.2	9.5	11.4	12.5	12.5	12.5	12.5
Lebanon	185	179	2.3	0.0	0.7	10.6	12.5	4.7	7.3	8.7	9.1	10.8	12.5	12.5	12.5	12.5
Lithuania	269	258	4.8	0.0	0.0	9.3	8.7	4.7	5.8	6.9	7.8	8.7	10.8	12.5	12.5	12.5
Malaysia	326	301	6.2	0.0	0.8	10.4	12.5	5.8	7.8	8.2	8.7	10.8	12.5	12.5	12.5	12.5
Malta	224	213	4.6	0.0	0.0	9.9	12.5	4.7	5.8	6.9	8.2	9.9	12.5	12.5	12.5	12.5
Morocco	373	362	2.3	0.0	0.3	9.7	12.5	4.7	6.9	7.3	8.2	9.5	11.4	12.5	12.5	12.5
New Zealand	489	443	3.7	0.0	5.5	9.7	12.5	4.7	6.4	6.9	8.2	9.5	11.4	12.5	12.5	12.5
Norway (9)	239	219	7.1	0.0	0.0	10.1	12.5	6.4	6.9	7.8	8.7	9.9	12.5	12.5	12.5	12.5
Oman	356	355	0.0	0.0	0.0	10.4	12.5	4.7	6.9	7.8	9.1	10.8	12.5	12.5	12.5	12.5
Qatar	250	245	0.4	0.0	0.7	11.2	12.5	5.8	7.8	8.2	9.9	12.5	12.5	12.5	12.5	12.5
Russian Federation	226	225	0.0	0.0	0.4	9.7	12.5	4.7	6.9	7.8	8.2	9.5	10.8	12.5	12.5	12.5
Saudi Arabia	149	146	0.6	0.0	1.1	10.4	12.5	4.7	7.3	8.2	9.1	10.8	11.4	12.5	12.5	12.5
Singapore	334	328	1.7	0.0	0.6	9.2	8.7	4.7	4.7	6.4	7.8	8.7	10.8	12.5	12.5	12.5
Slovenia	467	441	5.1	0.0	0.0	9.8	12.5	4.7	7.3	7.8	8.7	9.5	10.8	12.5	12.5	12.5
South Africa (9)	334	327	0.2	0.0	0.8	9.9	12.5	4.7	6.4	7.3	8.7	9.9	11.4	12.5	12.5	12.5
Sweden	206	201	1.8	0.0	0.0	9.3	8.7	4.7	6.4	6.9	8.2	9.1	10.3	12.5	12.5	12.5
Thailand	205	204	0.0	0.0	0.6	10.7	12.5	4.7	8.2	8.7	9.5	10.8	12.5	12.5	12.5	12.5
Turkey	220	220	0.0	0.0	0.0	9.7	10.8	4.7	6.9	7.3	8.2	9.9	10.8	12.5	12.5	12.5
United Arab Emirates	746	674	7.7	0.0	1.1	10.7	12.5	4.7	7.3	8.2	9.1	10.8	12.5	12.5	12.5	12.5
United States	429	369	13.6	0.0	0.4	9.8	12.5	4.7	5.8	6.4	8.2	9.9	12.5	12.5	12.5	12.5
International Avg. (39)	12055	11307	3.5	0.0	0.9	10.0	11.8	4.9	6.9	7.6	8.7	10.1	11.7	12.4	12.5	12.5
Buenos Aires, Argentina	138	61	57.3	0.0	0.0	11.0	12.5	6.9	8.2	8.7	10.3	10.8	12.5	12.5	12.5	12.5
Ontario, Canada	217	186	11.9	0.0	1.7	10.4	12.5	4.7	6.9	7.8	9.1	10.8	12.5	12.5	12.5	12.5
Quebec, Canada	175	161	7.9	0.0	0.0	10.3	12.5	5.8	7.3	8.2	8.7	9.9	12.5	12.5	12.5	12.5
Norway (8)	239	216	7.8	0.0	0.4	10.0	12.5	4.7	7.3	7.8	8.7	9.9	11.4	12.5	12.5	12.5
Abu Dhabi, UAE	207	179	11.6	0.0	1.5	10.5	12.5	4.7	6.9	8.2	9.1	10.8	12.5	12.5	12.5	12.5
Dubai, UAE	267	248	3.8	0.0	1.3	10.6	12.5	5.8	7.3	8.2	9.1	10.8	12.5	12.5	12.5	12.5
Florida, US	110	79	24.8	0.0	0.0	9.3	12.5	4.7	4.7	6.9	8.2	9.1	10.8	12.5	12.5	12.5

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1. Satisfied %	2. Somewhat satisfied %	3. Not satisfied %	Missing %	Not administered %	Not applicable %	1. Satisfied Mean	2. Somewhat satisfied Mean	3. Not satisfied Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	790	49.8	39.2	11.0	0.9	8.8	0.0	513.8	504.3	496.2	437.8	479.0	.
Bahrain	201	198	60.9	34.0	5.1	1.5	1.0	0.0	457.1	448.3	465.8	415.3	452.8	.
Botswana	169	155	35.9	51.1	13.0	0.3	5.5	0.0	395.1	387.9	394.0	384.6	383.2	.
Canada	409	364	56.8	38.3	4.9	1.0	9.7	0.0	526.9	539.2	500.1	544.5	497.7	.
Chile	173	149	66.4	32.6	1.0	4.7	9.4	0.0	435.4	422.0	372.3	415.2	406.3	.
Chinese Taipei	216	214	47.6	43.5	8.9	0.6	0.0	0.0	608.2	592.0	588.3	554.0	.	.
Egypt	215	214	79.8	16.3	3.9	0.0	0.7	0.0	395.6	376.5	380.8	.	428.8	.
England	215	184	28.5	57.5	14.0	0.0	13.1	0.0	522.7	517.5	504.8	.	525.4	.
Georgia	188	186	61.7	36.5	1.8	0.7	0.0	0.0	458.3	446.7	426.6	412.4	.	.
Hong Kong SAR	175	162	30.7	59.8	9.5	6.8	1.8	0.0	611.8	586.8	562.0	617.2	615.8	.
Hungary	278	267	30.8	59.3	9.9	0.7	3.4	0.0	528.4	510.0	497.2	502.4	518.2	.
Iran, Islamic Rep. of	251	250	58.4	35.8	5.7	0.2	0.0	0.0	436.8	440.2	408.8	425.0	.	.
Ireland	526	481	58.0	36.0	6.1	0.5	6.7	0.0	531.6	514.4	497.9	455.0	530.7	.
Israel	603	542	66.3	30.8	2.9	1.2	6.2	0.0	513.6	505.2	493.1	516.9	516.4	.
Italy	230	213	34.0	55.5	10.5	1.8	4.6	0.0	501.2	486.5	501.9	513.8	512.6	.
Japan	231	228	26.2	57.5	16.3	0.6	0.3	0.0	583.5	588.0	585.4	607.7	571.1	.
Jordan	260	259	50.0	41.9	8.1	0.3	0.0	0.0	388.6	386.1	363.5	386.7	.	.
Kazakhstan	239	237	58.8	40.3	0.9	0.4	0.4	0.0	531.9	523.3	511.0	423.2	518.8	.
Korea, Rep. of	317	317	37.6	52.6	9.9	0.0	0.0	0.0	604.2	606.3	608.5	.	.	.
Kuwait	191	187	69.2	29.3	1.5	0.8	1.4	0.0	393.0	392.0	370.1	390.6	401.3	.
Lebanon	185	179	62.8	33.0	4.1	0.7	2.3	0.0	446.6	430.0	472.3	450.3	451.2	.
Lithuania	269	258	33.4	53.3	13.3	0.0	4.8	0.0	522.3	503.3	510.8	.	524.4	.
Malaysia	326	301	55.6	43.1	1.3	0.8	6.2	0.0	464.8	467.7	496.2	407.3	455.7	.
Malta	224	213	45.4	43.9	10.8	0.0	4.6	0.0	499.6	499.3	451.6	.	478.6	.
Morocco	373	362	41.8	51.2	7.0	0.3	2.3	0.0	392.8	378.3	377.8	402.3	384.9	.
New Zealand	489	443	43.2	46.5	10.3	5.5	3.7	0.0	493.8	497.5	472.2	496.9	472.4	.
Norway	239	219	47.3	46.5	6.2	0.0	7.1	0.0	512.3	512.4	514.4	.	499.3	.
Oman	356	355	60.8	33.2	6.0	0.0	0.0	0.0	407.3	397.0	394.9	352.9	.	.
Qatar	250	245	74.3	23.2	2.6	0.7	0.4	0.0	436.9	427.9	517.5	403.3	546.5	.
Russian Federation	226	225	39.5	54.9	5.6	0.4	0.0	0.0	547.6	535.0	501.8	510.2	.	.
Saudi Arabia	149	146	56.4	40.6	3.0	1.1	0.6	0.0	370.0	362.8	365.3	398.0	448.5	.
Singapore	334	328	30.6	55.6	13.8	0.6	1.7	0.0	631.0	616.0	611.7	607.6	681.7	.
Slovenia	467	441	39.7	55.5	4.8	0.0	5.1	0.0	516.6	516.2	520.5	.	511.9	.
South Africa	334	327	48.1	42.7	9.2	0.8	0.2	0.0	379.9	363.4	373.0	401.1	319.9	.
Sweden	206	201	32.2	56.4	11.4	0.0	1.8	0.0	496.9	502.5	501.4	.	510.0	.
Thailand	205	204	65.6	33.2	1.2	0.6	0.0	0.0	434.5	425.3	466.7	359.4	.	.
Turkey	220	220	45.7	44.6	9.7	0.0	0.0	0.0	469.9	449.2	438.6	.	.	.
United Arab Emirates	746	674	64.3	31.1	4.6	1.1	7.7	0.0	463.4	472.9	457.7	408.5	456.9	.
United States	429	369	44.4	41.7	13.9	0.4	13.6	0.0	520.2	516.4	517.7	589.5	516.7	.
International Avg. (39)	12055	11307	49.7	43.0	7.3	0.9	3.5	0.0	485.7	478.1	474.1	459.7	487.2	.
Buenos Aires, Argentina	138	61	76.0	23.6	0.4	0.0	57.3	0.0	384.4	409.6	356.1	.	400.5	.
Ontario, Canada	217	186	62.1	31.6	6.3	1.7	11.9	0.0	524.2	529.9	494.3	544.5	506.0	.
Quebec, Canada	175	161	47.0	50.2	2.9	0.0	7.9	0.0	543.3	556.4	523.6	.	474.1	.
Norway (8)	239	216	49.3	47.2	3.5	0.4	7.8	0.0	489.0	486.7	466.2	481.9	482.8	.
Abu Dhabi, UAE	207	179	62.8	30.3	6.8	1.5	11.6	0.0	440.0	450.8	426.4	376.3	444.6	.
Dubai, UAE	267	248	60.9	35.1	3.9	1.3	3.8	0.0	512.5	515.7	517.4	437.2	487.9	.
Florida, US	110	79	35.1	50.8	14.1	0.0	24.8	0.0	506.2	505.6	473.6	.	469.7	.

Question: Challenges Facing Teachers (Scale)
Location: Derived (BTBGCFT)

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	788	8.8	0.0	1.2	9.2	8.8	1.3	6.0	6.7	7.8	9.2	10.4	11.5	12.8	18.7
Bahrain	201	198	1.0	0.0	1.5	10.2	10.0	3.8	7.3	7.8	9.2	10.0	11.5	12.3	14.5	18.7
Botswana (9)	169	155	5.5	0.0	0.3	9.1	8.8	5.1	6.7	7.3	8.3	8.8	10.0	10.7	11.5	13.9
Canada	409	364	9.7	0.0	1.0	9.8	10.7	1.3	6.7	7.3	8.8	10.0	10.7	11.9	12.3	16.4
Chile	173	155	9.4	0.0	0.0	9.1	9.2	3.8	6.7	6.7	7.8	9.2	10.0	11.1	12.2	18.7
Chinese Taipei	216	216	0.0	0.0	0.0	10.5	10.7	6.0	7.8	8.8	9.6	10.4	11.1	12.3	13.3	18.7
Egypt	215	213	0.7	0.0	0.5	10.0	10.0	5.1	7.3	7.8	8.9	10.0	11.1	11.9	12.8	16.4
England	215	184	13.1	0.0	0.0	9.2	7.3	3.8	6.0	6.7	7.8	9.2	10.7	11.9	12.3	15.3
Georgia	188	187	0.0	0.0	0.4	11.6	11.9	6.7	9.6	10.0	10.7	11.5	12.3	13.3	14.5	18.7
Hong Kong SAR	175	173	1.8	0.0	0.0	9.7	10.0	5.1	7.3	7.8	8.8	9.6	10.4	11.5	11.9	18.7
Hungary	278	266	3.4	0.0	0.9	9.3	9.2	1.3	6.7	7.3	8.3	9.2	10.4	11.1	11.9	18.7
Iran, Islamic Rep. of	251	251	0.0	0.0	0.0	9.7	9.6	3.8	6.7	7.8	8.8	9.6	10.4	11.5	11.9	18.7
Ireland	526	484	6.7	0.0	0.2	9.4	9.6	1.3	6.6	6.7	8.3	9.6	10.7	11.5	12.3	18.7
Israel	603	540	6.3	0.0	1.7	10.1	10.7	1.3	7.3	7.8	8.8	10.0	11.5	12.3	13.3	18.7
Italy	230	216	4.6	0.0	0.0	10.5	10.7	5.1	8.3	8.8	9.6	10.4	11.1	11.9	12.8	18.7
Japan	231	230	0.3	0.0	0.0	10.2	10.4	5.1	7.3	7.8	9.6	10.4	11.1	11.5	11.9	16.4
Jordan	260	260	0.0	0.0	0.0	10.0	10.4	3.8	6.7	7.8	8.8	10.0	11.1	11.9	12.8	18.7
Kazakhstan	239	237	0.4	0.0	0.4	10.7	10.4	6.0	8.8	9.2	10.0	10.4	11.5	12.3	13.3	18.7
Korea, Rep. of	317	317	0.0	0.0	0.0	9.0	8.8	1.3	6.0	6.7	8.3	9.2	10.4	11.1	11.5	13.9
Kuwait	191	189	1.4	0.0	0.0	10.4	10.0	3.8	7.8	7.8	9.2	10.4	11.9	12.3	12.8	14.5
Lebanon	185	179	2.3	0.0	0.7	11.6	11.9	6.0	8.3	8.8	9.6	11.1	12.8	15.3	16.4	18.7
Lithuania	269	257	4.8	0.0	0.4	11.0	11.1	5.1	8.8	9.2	10.0	11.1	11.9	12.8	13.3	16.4
Malaysia	326	304	6.2	0.0	0.0	9.7	9.6	6.0	7.8	8.3	9.2	9.6	10.4	11.1	11.5	16.4
Malta	224	213	4.6	0.0	0.0	9.1	8.8	1.3	6.0	6.7	7.8	9.2	10.4	11.5	12.3	14.5
Morocco	373	357	2.3	0.0	1.5	10.2	10.0	1.3	7.8	8.3	9.2	10.0	11.1	12.3	12.8	18.7
New Zealand	489	443	3.7	0.0	5.5	9.7	9.2	3.8	6.0	7.3	8.8	9.6	11.1	12.3	12.8	18.7
Norway (9)	239	218	7.7	0.0	0.0	9.4	9.6	5.1	6.0	7.3	8.3	9.6	10.4	11.5	12.3	18.7
Oman	356	350	0.0	0.0	1.3	10.2	10.4	3.8	7.3	8.3	9.2	10.0	11.1	12.8	13.9	18.7
Qatar	250	247	0.4	0.0	0.0	10.8	11.1	1.3	8.3	8.8	9.6	10.7	11.5	12.8	14.5	18.7
Russian Federation	226	226	0.0	0.0	0.0	11.0	11.1	7.3	9.2	9.2	10.0	11.1	11.9	12.8	13.3	15.3
Saudi Arabia	149	146	0.6	0.0	1.1	10.0	8.8	6.0	7.3	7.8	8.8	10.0	11.1	11.9	13.3	18.7
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	440	5.1	0.0	0.6	9.6	9.6	1.3	6.7	7.8	8.8	9.6	10.4	11.1	11.9	18.7
South Africa (9)	334	331	0.2	0.0	0.0	9.1	9.2	1.3	6.0	6.7	7.8	9.2	10.4	11.5	11.9	18.7
Sweden	206	201	1.8	0.0	0.0	9.7	9.2	3.8	7.3	7.8	8.8	9.6	10.7	11.5	12.3	15.3
Thailand	205	203	0.0	0.0	1.3	9.6	9.6	3.8	6.7	7.3	8.3	9.6	10.7	11.9	12.3	15.3
Turkey	220	220	0.0	0.0	0.0	11.4	10.7	6.0	8.3	9.2	10.0	11.1	12.3	13.9	15.3	18.7
United Arab Emirates	746	681	7.7	0.0	0.3	10.5	10.0	3.8	7.3	7.8	9.2	10.4	11.9	13.3	14.5	18.7
United States	429	368	13.6	0.0	0.5	9.9	10.4	1.3	6.7	7.3	8.8	10.0	11.1	12.3	13.9	18.7
International Avg. (38)	12055	11007	3.5	0.0	0.6	10.0	9.9	3.8	7.2	7.9	8.9	9.9	11.0	12.1	12.9	17.5
Buenos Aires, Argentina	138	60	57.3	0.0	0.3	10.4	10.4	6.7	7.8	8.3	9.2	10.4	11.5	12.8	13.3	18.7
Ontario, Canada	217	186	11.9	0.0	1.7	9.6	10.7	1.3	6.7	7.3	8.3	10.0	10.7	11.5	11.9	16.4
Quebec, Canada	175	161	7.9	0.0	0.0	9.9	10.0	1.3	6.7	7.8	9.2	10.0	10.7	11.9	12.3	16.4
Norway (8)	239	216	7.8	0.0	0.4	9.3	9.2	3.8	6.7	7.3	8.3	9.2	10.4	11.5	12.3	18.7
Abu Dhabi, UAE	207	182	11.4	0.0	0.4	10.3	10.0	6.0	7.3	7.8	8.8	10.4	11.5	12.3	14.5	18.7
Dubai, UAE	267	251	3.8	0.0	0.4	10.8	10.0	5.1	7.3	7.8	9.2	10.7	12.3	13.9	14.5	18.7
Florida, US	110	79	24.8	0.0	0.0	8.9	10.0	5.1	6.7	6.7	7.8	8.8	10.4	11.1	11.9	12.8

Mathematics Teacher Context Data Almanac by Mathematics Achievement (Weighted)

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

Country	Sample	Valid N	1. Few challenges %	2. Some challenges %	3. A lot of challenges %	Missing %	Not administered %	Not applicable %	1. Few challenges Mean	2. Some challenges Mean	3. A lot of challenges Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	788	29.4	57.7	12.9	1.2	8.8	0.0	514.1	505.1	507.7	461.7	478.9	.
Bahrain	201	198	45.5	51.7	2.8	1.5	1.0	0.0	458.8	448.9	489.3	415.3	452.8	.
Botswana	169	155	17.3	76.5	6.2	0.3	5.5	0.0	398.2	390.2	386.0	384.6	383.2	.
Canada	409	364	43.6	49.2	7.2	1.0	9.7	0.0	533.3	527.0	535.1	544.5	497.7	.
Chile	173	155	20.1	67.9	11.9	0.0	9.4	0.0	435.3	429.9	418.3	.	406.3	.
Chinese Taipei	216	216	59.4	39.1	1.6	0.0	0.0	0.0	599.3	598.9	596.4	.	.	.
Egypt	215	213	39.6	56.9	3.5	0.5	0.7	0.0	400.8	385.6	397.3	377.2	428.8	.
England	215	184	31.6	56.6	11.8	0.0	13.1	0.0	530.3	511.3	509.9	.	525.4	.
Georgia	188	187	83.7	15.7	0.6	0.4	0.0	0.0	453.7	452.1	431.5	412.2	.	.
Hong Kong SAR	175	173	33.3	63.4	3.2	0.0	1.8	0.0	601.5	588.9	612.4	.	615.8	.
Hungary	278	266	26.7	64.2	9.1	0.9	3.4	0.0	521.0	507.3	543.4	518.1	518.2	.
Iran, Islamic Rep. of	251	251	33.9	60.0	6.1	0.0	0.0	0.0	426.5	442.0	436.2	.	.	.
Ireland	526	484	36.2	53.1	10.7	0.2	6.7	0.0	522.2	521.1	537.5	425.8	530.7	.
Israel	603	540	47.0	48.4	4.6	1.7	6.3	0.0	506.9	516.4	490.5	497.6	516.9	.
Italy	230	216	59.7	40.0	0.4	0.0	4.6	0.0	490.2	498.8	466.8	.	512.6	.
Japan	231	230	56.1	40.2	3.7	0.0	0.3	0.0	587.2	584.1	601.7	.	571.1	.
Jordan	260	260	47.6	45.6	6.8	0.0	0.0	0.0	389.3	380.9	390.9	.	.	.
Kazakhstan	239	237	66.7	32.9	0.4	0.4	0.4	0.0	533.1	518.4	520.9	423.2	518.8	.
Korea, Rep. of	317	317	28.6	56.8	14.6	0.0	0.0	0.0	601.8	607.6	606.3	.	.	.
Kuwait	191	189	57.6	40.3	2.1	0.0	1.4	0.0	395.3	390.4	349.1	.	401.3	.
Lebanon	185	179	67.5	31.7	0.9	0.7	2.3	0.0	445.4	435.5	431.3	450.3	451.2	.
Lithuania	269	257	72.1	27.1	0.8	0.4	4.8	0.0	509.2	514.6	528.9	465.8	524.4	.
Malaysia	326	304	34.6	63.7	1.6	0.0	6.2	0.0	465.0	468.2	394.8	544.2	455.7	.
Malta	224	213	28.4	58.6	13.0	0.0	4.6	0.0	477.6	499.1	509.1	.	478.6	.
Morocco	373	357	48.3	50.3	1.4	1.5	2.3	0.0	388.3	380.7	389.8	374.9	384.9	.
New Zealand	489	443	41.7	50.0	8.3	5.5	3.7	0.0	484.4	504.4	470.7	496.9	472.4	.
Norway	239	218	31.1	59.8	9.2	0.0	7.7	0.0	511.3	512.6	516.4	.	499.2	.
Oman	356	350	46.5	49.9	3.6	1.3	0.0	0.0	400.7	406.1	399.8	386.5	.	.
Qatar	250	247	64.7	33.3	2.1	0.0	0.4	0.0	440.5	430.0	423.7	.	546.5	.
Russian Federation	226	226	72.7	27.3	0.0	0.0	0.0	0.0	541.0	529.9	.	.	.	.
Saudi Arabia	149	146	44.0	52.4	3.6	1.1	0.6	0.0	371.6	364.8	340.4	398.0	448.5	.
Singapore	334	0	.	.	.	.	.	.	.	.	.	.	.	.
Slovenia	467	440	33.3	61.4	5.2	0.6	5.1	0.0	517.9	516.6	508.3	514.8	511.9	.
South Africa	334	331	28.0	59.8	12.2	0.0	0.2	0.0	418.6	357.8	338.2	.	319.9	.
Sweden	206	201	37.9	59.1	3.0	0.0	1.8	0.0	495.2	503.7	507.4	.	510.0	.
Thailand	205	203	37.1	54.0	8.9	1.3	0.0	0.0	441.8	421.6	446.4	440.2	.	.
Turkey	220	220	71.8	27.3	0.9	0.0	0.0	0.0	455.6	462.3	474.5	.	.	.
United Arab Emirates	746	681	52.0	44.7	3.3	0.3	7.7	0.0	475.1	454.1	468.9	435.9	457.1	.
United States	429	368	44.4	48.3	7.3	0.5	13.6	0.0	515.6	517.7	538.7	562.9	516.7	.
International Avg. (38)	12055	11007	45.3	49.3	5.4	0.6	3.5	0.0	480.4	475.9	473.4	453.8	480.5	.
Buenos Aires, Argentina	138	60	55.2	43.4	1.4	0.3	57.3	0.0	401.0	372.7	469.6	471.1	400.5	.
Ontario, Canada	217	186	41.8	48.7	9.5	1.7	11.9	0.0	525.3	521.6	532.0	544.5	506.0	.
Quebec, Canada	175	161	45.0	50.0	5.0	0.0	7.9	0.0	555.5	544.1	545.5	.	474.1	.
Norway (8)	239	216	26.6	64.1	9.3	0.4	7.8	0.0	484.3	487.6	492.1	481.9	482.8	.
Abu Dhabi, UAE	207	182	50.8	46.3	2.9	0.4	11.4	0.0	445.7	438.2	423.7	383.2	444.7	.
Dubai, UAE	267	251	58.6	37.3	4.2	0.4	3.8	0.0	522.6	496.1	522.5	519.6	487.9	.
Florida, US	110	79	26.9	60.1	13.0	0.0	24.8	0.0	517.2	493.6	504.0	.	469.7	.

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

Country	Sample	Valid N	N.A. %	Not Ap. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Australia	941	749	10.6	0.0	2.6	10.3	9.9	4.1	7.3	8.0	9.2	9.9	11.4	13.4	15.1	15.1
Bahrain	201	189	1.1	0.0	6.3	9.6	9.9	5.7	7.3	7.3	8.6	9.2	10.6	12.3	12.3	15.1
Botswana (9)	169	151	5.5	0.0	3.9	9.3	9.2	5.7	6.6	7.3	8.0	9.2	9.9	11.4	11.4	13.4
Canada	409	354	10.7	0.0	2.0	10.2	10.6	4.1	6.6	8.0	9.2	9.9	11.4	12.3	13.4	15.1
Chile	173	148	9.4	0.0	4.5	8.9	8.0	4.1	5.7	6.6	8.0	8.6	10.6	11.4	12.3	15.1
Chinese Taipei	216	212	0.0	0.0	1.7	9.7	9.9	4.1	6.6	7.3	8.6	9.9	10.6	12.3	13.4	15.1
Egypt	215	213	0.8	0.0	0.0	9.1	9.2	5.7	6.6	6.6	8.0	9.2	9.9	10.6	11.4	13.4
England	215	182	13.9	0.0	0.0	10.8	9.9	5.7	7.3	8.0	9.2	10.6	12.3	13.4	15.1	15.1
Georgia	188	185	0.0	0.0	0.8	9.8	9.2	4.1	8.0	8.0	8.6	9.9	10.6	11.4	12.3	15.1
Hong Kong SAR	175	161	1.8	0.0	5.4	10.4	10.6	5.7	8.0	8.0	9.2	10.6	11.4	12.3	13.4	15.1
Hungary	278	268	3.4	0.0	0.4	10.6	10.6	6.6	7.3	8.0	9.2	10.6	11.4	13.4	13.4	15.1
Iran, Islamic Rep. of	251	248	0.0	0.0	1.8	8.5	8.6	4.1	5.7	5.7	7.3	8.6	9.9	10.6	11.4	13.4
Ireland	526	478	7.1	0.0	2.1	10.7	9.9	4.1	7.3	8.0	9.2	10.6	12.3	13.4	13.4	15.1
Israel	603	529	6.9	0.0	2.9	9.8	9.2	4.1	6.6	6.6	8.0	9.9	11.4	13.4	15.1	15.1
Italy	230	209	4.6	0.0	2.6	9.9	10.6	6.6	7.3	8.0	8.6	9.9	10.6	12.3	12.3	15.1
Japan	231	228	0.3	0.0	0.8	12.5	15.1	8.0	9.2	9.9	11.4	12.3	13.4	15.1	15.1	15.1
Jordan	260	256	0.0	0.0	1.4	9.1	9.2	4.6	6.6	7.3	8.0	9.2	9.9	11.4	11.4	15.1
Kazakhstan	239	230	0.4	0.0	3.7	10.6	12.3	5.7	6.6	7.3	9.2	10.6	12.3	13.4	15.1	15.1
Korea, Rep. of	317	317	0.0	0.0	0.0	9.9	9.2	4.1	7.3	8.0	8.6	9.9	10.6	12.3	15.1	15.1
Kuwait	191	184	1.4	0.0	3.2	9.4	9.9	5.7	6.6	7.3	8.0	9.2	10.6	11.4	12.3	15.1
Lebanon	185	169	2.8	0.0	5.0	10.2	9.2	4.1	7.5	8.0	9.2	9.9	11.4	12.3	13.4	15.1
Lithuania	269	257	4.8	0.0	0.8	10.2	10.6	5.7	7.3	8.0	8.6	10.6	11.4	12.3	13.4	15.1
Malaysia	326	304	6.2	0.0	0.5	9.9	11.4	4.1	7.3	7.3	8.6	9.9	11.4	12.3	12.3	15.1
Malta	224	208	6.4	0.0	0.5	10.4	10.6	4.1	7.3	8.0	9.2	10.6	11.4	12.3	13.4	15.1
Morocco	373	355	2.3	0.0	2.9	8.5	8.0	4.1	6.1	6.6	7.3	8.6	9.2	10.6	11.4	13.4
New Zealand	489	459	3.8	0.0	1.9	10.3	10.6	4.1	8.0	8.0	9.2	9.9	11.4	13.4	13.4	15.1
Norway (9)	239	210	9.6	0.0	0.3	10.7	10.6	4.1	8.0	8.6	9.2	10.6	11.4	13.4	13.4	15.1
Oman	356	347	0.0	0.0	1.7	9.2	9.2	4.1	6.6	6.6	8.0	9.2	10.6	12.3	13.4	15.1
Qatar	250	227	0.5	0.0	8.7	10.2	9.9	5.7	7.3	7.3	8.6	9.9	11.4	13.4	13.4	15.1
Russian Federation	226	225	0.0	0.0	0.3	10.0	9.9	4.1	6.6	7.3	8.6	9.9	11.4	12.3	13.4	15.1
Saudi Arabia	149	145	0.6	0.0	2.0	9.1	9.2	4.1	7.3	7.3	8.0	9.2	9.9	10.6	11.4	15.1
Singapore	334	330	1.7	0.0	0.0	10.7	10.6	4.1	8.6	8.6	9.9	10.6	11.4	12.3	13.4	15.1
Slovenia	467	431	5.6	0.0	1.1	11.3	11.4	4.1	8.0	8.6	9.9	11.4	13.4	15.1	15.1	15.1
South Africa (9)	334	295	1.1	0.0	8.5	9.2	9.9	4.1	6.6	7.3	8.0	9.2	9.9	11.4	12.3	15.1
Sweden	206	193	1.8	0.0	5.0	10.7	9.9	5.7	7.3	8.0	9.2	10.6	12.3	13.4	15.1	15.1
Thailand	205	205	0.0	0.0	0.0	9.9	9.9	6.6	8.0	8.0	9.2	9.9	10.6	11.4	12.3	15.1
Turkey	220	217	0.0	0.0	1.1	8.7	8.0	4.1	6.6	6.6	8.0	8.6	9.9	10.6	10.6	15.1
United Arab Emirates	746	623	9.4	0.0	5.2	10.6	9.9	4.1	8.0	8.6	9.2	9.9	11.4	13.4	13.4	15.1
United States	429	368	13.6	0.0	0.6	9.9	9.2	4.1	7.3	8.0	8.6	9.9	10.6	12.3	13.4	15.1
International Avg. (39)	12055	11059	3.8	0.0	2.4	10.0	10.0	4.8	7.2	7.6	8.7	9.9	11.1	12.4	13.1	14.9
Buenos Aires, Argentina	138	59	57.3	0.0	0.7	8.6	9.9	4.1	5.7	5.7	6.6	8.6	9.9	10.6	11.4	13.4
Ontario, Canada	217	180	13.5	0.0	1.9	10.0	10.6	4.1	6.6	8.0	9.2	9.9	10.6	11.4	13.4	15.1
Quebec, Canada	175	158	8.0	0.0	0.2	10.6	9.9	5.7	6.6	8.0	9.2	9.9	12.3	13.4	15.1	15.1
Norway (8)	239	210	9.3	0.0	0.4	10.6	10.6	4.1	8.0	8.6	9.2	10.6	11.4	12.3	13.4	15.1
Abu Dhabi, UAE	207	161	13.4	0.0	5.2	10.3	9.9	6.6	7.3	8.0	9.2	9.9	11.4	12.3	13.4	15.1
Dubai, UAE	267	237	5.0	0.0	2.2	11.2	9.9	6.6	8.0	8.6	9.9	11.4	12.3	13.4	15.1	15.1
Florida, US	110	77	25.8	0.0	0.4	9.1	8.6	4.1	5.7	6.6	8.0	8.6	9.9	12.3	13.4	15.1

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

Country	Sample	Valid N	1. Few challenges %	2. Some challenges %	3. A lot of challenges %	Missing %	Not administered %	Not applicable %	1. Few challenges Mean	2. Some challenges Mean	3. A lot of challenges Mean	Missing Mean	Not administered Mean	Not applicable Mean
Australia	941	749	28.1	63.7	8.2	2.6	10.6	0.0	562.6	492.7	458.1	478.6	473.9	.
Bahrain	201	189	18.3	67.6	14.1	6.3	1.1	0.0	481.3	449.6	445.9	441.3	450.8	.
Botswana	169	151	14.0	71.9	14.1	3.9	5.5	0.0	398.1	392.3	380.3	388.2	383.2	.
Canada	409	354	29.4	62.6	8.0	2.0	10.7	0.0	551.7	523.9	499.5	539.3	501.9	.
Chile	173	148	12.5	63.0	24.5	4.5	9.4	0.0	486.7	429.0	398.9	444.9	406.3	.
Chinese Taipei	216	212	22.6	63.5	13.9	1.7	0.0	0.0	628.6	596.1	566.5	586.4	.	.
Egypt	215	213	7.5	75.7	16.8	0.0	0.8	0.0	409.1	393.2	378.4	.	431.7	.
England	215	182	40.7	54.0	5.2	0.0	13.9	0.0	557.5	492.9	454.7	.	524.9	.
Georgia	188	185	19.8	75.5	4.7	0.8	0.0	0.0	459.7	454.2	415.1	423.3	.	.
Hong Kong SAR	175	161	32.9	64.0	3.1	5.4	1.8	0.0	616.0	583.7	519.2	621.8	615.8	.
Hungary	278	268	42.5	48.4	9.1	0.4	3.4	0.0	550.7	491.9	463.3	518.0	518.2	.
Iran, Islamic Rep. of	251	248	6.5	62.0	31.5	1.8	0.0	0.0	503.7	436.0	424.7	406.7	.	.
Ireland	526	478	40.5	53.0	6.4	2.1	7.1	0.0	546.2	513.6	448.5	520.8	535.6	.
Israel	603	529	29.7	51.0	19.3	2.9	6.9	0.0	564.9	498.0	467.3	471.5	513.3	.
Italy	230	209	22.3	69.0	8.7	2.6	4.6	0.0	508.8	490.0	485.7	482.4	512.6	.
Japan	231	228	75.6	24.4	0.0	0.8	0.3	0.0	592.7	567.8	.	574.0	571.1	.
Jordan	260	256	10.7	70.3	19.0	1.4	0.0	0.0	404.3	388.6	366.7	346.4	.	.
Kazakhstan	239	230	40.6	48.8	10.5	3.7	0.4	0.0	528.0	530.9	514.4	524.8	518.8	.
Korea, Rep. of	317	317	24.4	67.3	8.3	0.0	0.0	0.0	620.2	603.3	582.9	.	.	.
Kuwait	191	184	14.8	70.6	14.6	3.2	1.4	0.0	436.5	387.0	374.2	388.5	401.3	.
Lebanon	185	169	27.2	68.0	4.8	5.0	2.8	0.0	435.6	442.4	466.2	446.5	460.6	.
Lithuania	269	257	30.1	63.2	6.7	0.8	4.8	0.0	526.9	506.8	475.1	501.2	524.4	.
Malaysia	326	304	28.6	59.9	11.5	0.5	6.2	0.0	505.9	457.7	413.5	393.0	455.7	.
Malta	224	208	31.9	62.9	5.2	0.5	6.4	0.0	537.1	481.1	391.2	524.2	480.0	.
Morocco	373	355	6.2	63.3	30.5	2.9	2.3	0.0	393.7	384.1	383.2	381.7	384.9	.
New Zealand	489	459	28.7	66.6	4.7	1.9	3.8	0.0	540.3	477.4	432.7	503.2	471.8	.
Norway	239	210	35.9	61.8	2.3	0.3	9.6	0.0	519.6	509.7	496.4	479.7	498.8	.
Oman	356	347	20.8	55.6	23.6	1.7	0.0	0.0	426.3	399.0	394.0	384.1	.	.
Qatar	250	227	29.5	59.2	11.4	8.7	0.5	0.0	497.6	419.4	392.5	406.5	547.9	.
Russian Federation	226	225	26.2	62.1	11.7	0.3	0.0	0.0	545.2	538.5	519.2	547.8	.	.
Saudi Arabia	149	145	9.0	79.5	11.4	2.0	0.6	0.0	424.7	365.1	336.2	371.1	448.5	.
Singapore	334	330	37.8	58.4	3.8	0.0	1.7	0.0	646.4	605.7	575.8	.	681.7	.
Slovenia	467	431	53.2	43.4	3.5	1.1	5.6	0.0	527.7	503.4	510.0	520.9	511.8	.
South Africa	334	295	13.8	69.6	16.6	8.5	1.1	0.0	371.3	375.6	356.4	373.0	415.4	.
Sweden	206	193	40.2	53.3	6.4	5.0	1.8	0.0	520.2	488.9	476.3	498.5	510.0	.
Thailand	205	205	17.0	78.1	4.8	0.0	0.0	0.0	480.6	422.1	408.2	.	.	.
Turkey	220	217	4.9	70.1	25.0	1.1	0.0	0.0	527.5	461.7	432.9	445.9	.	.
United Arab Emirates	746	623	35.8	59.9	4.3	5.2	9.4	0.0	506.7	447.7	431.4	441.6	447.4	.
United States	429	368	23.3	68.4	8.4	0.6	13.6	0.0	553.3	512.3	470.9	547.0	516.7	.
International Avg. (39)	12055	11059	26.5	62.3	11.2	2.4	3.8	0.0	510.1	474.7	447.5	468.3	490.5	.
Buenos Aires, Argentina	138	59	6.6	59.8	33.6	0.7	57.3	0.0	456.7	388.7	380.3	381.1	400.5	.
Ontario, Canada	217	180	22.8	68.1	9.1	1.9	13.5	0.0	541.0	523.3	484.4	542.2	510.3	.
Quebec, Canada	175	158	39.9	52.6	7.4	0.2	8.0	0.0	571.5	535.0	530.5	586.6	475.4	.
Norway (8)	239	210	36.3	60.7	2.9	0.4	9.3	0.0	503.3	478.8	465.4	481.9	481.9	.
Abu Dhabi, UAE	207	161	27.5	65.9	6.6	5.2	13.4	0.0	483.2	432.0	404.1	405.8	439.9	.
Dubai, UAE	267	237	53.8	43.3	2.9	2.2	5.0	0.0	536.2	485.0	512.3	553.0	465.6	.
Florida, US	110	77	14.5	61.2	24.3	0.4	25.8	0.0	572.1	503.2	456.2	541.6	468.9	.