

**Exhibit 11.8: Cronbach's Alpha Reliability Coefficient – TIMSS 2015 Eighth Grade**

Country	Reliability Coefficient	
	Mathematics	Science
Australia	0.89	0.84
Bahrain	0.83	0.86
Botswana (9)	0.75	0.79
Canada	0.87	0.80
Chile	0.82	0.79
Chinese Taipei	0.92	0.87
Egypt	0.81	0.79
England	0.90	0.85
Georgia	0.87	0.78
Hong Kong SAR	0.89	0.81
Hungary	0.91	0.86
Iran, Islamic Rep. of	0.87	0.82
Ireland	0.88	0.83
Israel	0.92	0.88
Italy	0.86	0.81
Japan	0.91	0.83
Jordan	0.77	0.80
Kazakhstan	0.91	0.85
Korea, Rep. of	0.91	0.84
Kuwait	0.82	0.83
Lebanon	0.80	0.80
Lithuania	0.88	0.83
Malaysia	0.88	0.85
Malta	0.88	0.87
Morocco	0.72	0.74
New Zealand	0.90	0.85
Norway (9)	0.87	0.83
Oman	0.82	0.84
Qatar	0.88	0.87
Russian Federation	0.89	0.83
Saudi Arabia	0.76	0.79
Singapore	0.91	0.87
Slovenia	0.87	0.84
South Africa (9)	0.80	0.82

**Exhibit 11.8: Cronbach’s Alpha Reliability Coefficient – TIMSS 2015 Eighth Grade (Continued)**

Country	Reliability Coefficient	
	Mathematics	Science
Sweden	0.86	0.84
Thailand	0.86	0.80
Turkey	0.91	0.87
United Arab Emirates	0.89	0.87
United States	0.89	0.85
<b>International Median</b>	<b>0.88</b>	<b>0.83</b>
<b>Benchmarking Participants</b>		
Buenos Aires, Argentina	0.82	0.79
Ontario, Canada	0.87	0.81
Quebec, Canada	0.84	0.78
Norway (8)	0.83	0.80
Abu Dhabi, UAE	0.88	0.86
Dubai, UAE	0.90	0.86
Florida, US	0.89	0.86