

Exhibit 11.7: Cronbach’s Alpha Reliability Coefficient – TIMSS 2015 Fourth Grade

Country	Reliability Coefficient		
	Mathematics	Numeracy	Science
Australia	0.86	—	0.79
Bahrain	0.81	0.93	0.82
Belgium (Flemish)	0.80	—	0.73
Bulgaria	0.86	—	0.85
Canada	0.82	—	0.79
Chile	0.80	—	0.76
Chinese Taipei	0.83	—	0.77
Croatia	0.81	—	0.73
Cyprus	0.85	—	0.77
Czech Republic	0.83	—	0.78
Denmark	0.84	—	0.76
England	0.86	—	0.77
Finland	0.81	—	0.74
France	0.82	—	0.78
Georgia	0.82	—	0.76
Germany	0.82	—	0.77
Hong Kong SAR	0.81	—	0.77
Hungary	0.88	—	0.82
Indonesia	0.76	0.91	0.76
Iran, Islamic Rep. of	0.83	0.94	0.80
Ireland	0.84	—	0.77
Italy	0.82	—	0.75
Japan	0.83	—	0.77
Jordan	—	0.92	—
Kazakhstan	0.86	—	0.81
Korea, Rep. of	0.82	—	0.75
Kuwait	0.76	0.92	0.78
Lithuania	0.83	—	0.77
Morocco	0.76	0.92	0.78
Netherlands	0.77	—	0.71
New Zealand	0.85	—	0.82
Northern Ireland	0.87	—	0.77
Norway (5)	0.83	—	0.72
Oman	0.83	—	0.84

Exhibit 11.7: Cronbach’s Alpha Reliability Coefficient – TIMSS 2015 Fourth Grade (Continued)

Country	Reliability Coefficient		
	Mathematics	Numeracy	Science
Poland	0.83	—	0.78
Portugal	0.84	—	0.72
Qatar	0.84	—	0.82
Russian Federation	0.84	—	0.77
Saudi Arabia	0.76	—	0.80
Serbia	0.87	—	0.80
Singapore	0.88	—	0.83
Slovak Republic	0.84	—	0.82
Slovenia	0.82	—	0.78
South Africa (5)	—	0.93	—
Spain	0.80	—	0.77
Sweden	0.81	—	0.79
Turkey	0.87	—	0.81
United Arab Emirates	0.87	—	0.85
United States	0.87	—	0.82
International Median	0.83	0.92	0.78
Benchmarking Participants			
Buenos Aires, Argentina	0.78	0.91	0.78
Ontario, Canada	0.83	—	0.79
Quebec, Canada	0.80	—	0.73
Norway (4)	0.81	—	0.74
Abu Dhabi, UAE	0.86	—	0.85
Dubai, UAE	0.87	—	0.85
Florida, US	0.85	—	0.81