

Exhibit 15.10: Excerpt from *Students Confident in Mathematics* Exhibit, Fourth Grade

Reported by Students

Students were scored according to their degree of agreement with nine statements on the *Students Confident in Mathematics* scale. Students **Very Confident in Mathematics** had a score on the scale of at least 10.6, which corresponds to their “agreeing a lot” with five of the nine statements and “agreeing a little” with the other four, on average. Students who were **Not Confident in Mathematics** had a score no higher than 8.5, which corresponds to their “disagreeing a little” with five of the nine statements and “agreeing a little” with the other four, on average. All other students were **Confident in Mathematics**.

Country	Very Confident in Mathematics		Confident in Mathematics		Not Confident in Mathematics		Average Scale Score	Difference in Average Scale Score from 2011
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement		
Serbia	45 (1.2)	556 (5.2)	36 (1.0)	507 (4.1)	19 (0.8)	458 (4.7)	10.5 (0.05)	0.4 (0.07) ▲
Cyprus	44 (1.1)	560 (2.9)	38 (0.9)	511 (2.8)	17 (0.8)	469 (3.9)	10.5 (0.05)	◊ ◊
Norway (5)	44 (1.0)	578 (3.0)	44 (0.9)	536 (2.6)	12 (0.6)	493 (4.5)	10.5 (0.05)	◊ ◊
Bulgaria	42 (1.2)	561 (4.0)	37 (0.9)	513 (5.0)	20 (1.1)	478 (8.3)	10.5 (0.06)	◊ ◊
Jordan	42 (1.2)	434 (3.6)	39 (0.9)	376 (3.6)	19 (1.0)	328 (7.5)	10.5 (0.06)	◊ ◊
Turkey	41 (1.0)	532 (3.0)	40 (0.9)	464 (3.6)	19 (0.8)	423 (4.4)	10.4 (0.05)	0.1 (0.06)
Netherlands	40 (1.0)	562 (1.8)	39 (1.0)	522 (2.1)	21 (0.8)	484 (2.1)	10.3 (0.04)	0.2 (0.06) ▲
Kazakhstan	40 (1.5)	566 (4.9)	48 (1.2)	535 (5.3)	12 (0.9)	515 (6.3)	10.6 (0.06)	0.1 (0.09)
England	37 (1.1)	578 (4.7)	43 (1.0)	541 (3.4)	20 (0.9)	499 (3.3)	10.1 (0.05)	0.1 (0.06)
Kuwait	37 (1.1)	387 (5.2)	45 (0.9)	342 (4.9)	18 (0.7)	317 (6.5)	10.3 (0.05)	◊ ◊
Georgia	37 (1.6)	501 (4.2)	50 (1.3)	458 (3.6)	13 (0.8)	400 (6.2)	10.3 (0.06)	-0.2 (0.07) ▼
Ireland	37 (0.9)	583 (2.6)	45 (0.8)	539 (2.4)	18 (0.8)	498 (3.7)	10.2 (0.04)	-0.2 (0.07) ▼

Source: The full *Students Confident in Mathematics* exhibit at the fourth grade can be found within the [TIMSS 2015 International Results in Mathematics](#) report.

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2015