

## Annex A

**Table A1:** Rank Positions and Average Scores of Education Systems in TIMSS 2007 for Grade 4<sup>1</sup> Science and Mathematics

Grade 4 Science			Grade 4 Mathematics		
Rank position	Education system	Average score	Rank position	Education system	Average score
1	Singapore	587	1	Hong Kong SAR	607
2	Chinese Taipei	557	2	Singapore	599
3	Hong Kong SAR	554	3	Chinese Taipei	576
4	Japan	548	4	Japan	568
5	Russian Federation	546	5	Kazakhstan	549
6	Latvia	542	6	Russian Federation	544
7	England	542	7	England	541
8	United States	539	8	Latvia	537
9	Hungary	536	9	Netherlands	535
10	Italy	535	10	Lithuania	530
11	Kazakhstan	533	11	United States	529
12	Germany	528	12	Germany	525
13	Australia	527	13	Denmark	523
14	Slovak Republic	526	14	Australia	516
15	Austria	526	15	Hungary	510
16	Sweden	525	16	Italy	507
17	Netherlands	523	17	Austria	505
18	Slovenia	518	18	Sweden	503
19	Denmark	517	19	Slovenia	502
20	Czech Republic	515		<b>TIMSS Scale Avg.</b>	<b>500</b>
21	Lithuania	514	20	Armenia	500
22	New Zealand	504	21	Slovak Republic	496
23	Scotland	500	22	Scotland	494
	<b>TIMSS Scale Avg.</b>	<b>500</b>	23	New Zealand	492
24	Armenia	484	24	Czech Republic	486
25	Norway	477	25	Norway	473
26	Ukraine	474	26	Ukraine	469
27	Iran	436	27	Georgia	438
28	Georgia	418	28	Iran	402
29	Colombia	400	29	Algeria	378
30	El Salvador	390	30	Colombia	355
31	Algeria	354	31	Morocco	341
32	Kuwait	348	32	El Salvador	330
33	Tunisia	318	33	Tunisia	327
34	Morocco	297	34	Kuwait	316
35	Qatar	294	35	Qatar	296
36	Yemen	197	36	Yemen	224

The achievement score of an education system (shaded in yellow) is not significantly different from that of Singapore (shaded in blue).

<sup>1</sup> Grade 4 corresponds to Primary 4.

Table A2: Rank Positions and Average Scores of Education Systems in TIMSS 2007 for Grade 8<sup>2</sup> Science and Mathematics

Grade 8 Science			Grade 8 Mathematics		
Rank position	Education system	Average score	Rank position	Education system	Average score
1	Singapore	567	1	Chinese Taipei	598
2	Chinese Taipei	561	2	Korea, Rep. of	597
3	Japan	554	3	Singapore	593
4	Korea, Rep. of	553	4	Hong Kong SAR	572
5	England	541	5	Japan	570
6	Hungary	539	6	Hungary	517
7	Czech Republic	539	7	England	513
8	Slovenia	538	8	Russian Federation	512
9	Hong Kong SAR	530	9	United States	508
10	Russian Federation	530	10	Lithuania	506
11	United States	520	11	Czech Republic	504
12	Lithuania	519	12	Slovenia	501
13	Australia	515		<b>TIMSS Scale Avg.</b>	<b>500</b>
14	Sweden	511	13	Armenia	499
	<b>TIMSS Scale Avg.</b>	<b>500</b>	14	Australia	496
15	Scotland	496	15	Sweden	491
16	Italy	495	16	Malta	488
17	Armenia	488	17	Scotland	487
18	Norway	487	18	Serbia	486
19	Ukraine	485	19	Italy	480
20	Jordan	482	20	Malaysia	474
21	Malaysia	471	21	Norway	469
22	Thailand	471	22	Cyprus	465
23	Serbia	470	23	Bulgaria	464
24	Bulgaria	470	24	Israel	463
25	Israel	468	25	Ukraine	462
26	Bahrain	467	26	Romania	461
27	Bosnia and Herzegovina	466	27	Bosnia and Herzegovina	456
28	Romania	462	28	Lebanon	449
29	Iran	459	29	Thailand	441
30	Malta	457	30	Turkey	432
31	Turkey	454	31	Jordan	427
32	Syrian Arab Republic	452	32	Tunisia	420
33	Cyprus	452	33	Georgia	410
34	Tunisia	445	34	Iran	403
35	Indonesia	427	35	Bahrain	398
36	Oman	423	36	Indonesia	397
37	Georgia	421	37	Syrian Arab Republic	395
38	Kuwait	418	38	Egypt	391
39	Colombia	417	39	Algeria	387
40	Lebanon	414	40	Colombia	380
41	Egypt	408	41	Oman	372
42	Algeria	408	42	Palestinian	367
43	Palestinian	404	43	Botswana	364
44	Saudi Arabia	403	44	Kuwait	354
45	El Salvador	387	45	El Salvador	340
46	Botswana	355	46	Saudi Arabia	329
47	Qatar	319	47	Ghana	309
48	Ghana	303	48	Qatar	307
49	Morocco	402	49	Morocco	381

The achievement score of an education system (shaded in yellow) is not significantly different from that of Singapore (shaded in blue).

<sup>2</sup> Grade 8 corresponds to Secondary 2.

