

**Table 404. Instructional practices and time spent teaching mathematics in 8th-grade, by country: 1999**

Country	Percent of students reporting almost always or pretty often						Number of hours mathematics is taught weekly													
	We discuss our completed homework		Teacher shows us how to do mathematics		We work on worksheets or textbooks on our own		We work on mathematics projects		We begin our homework		Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1																				
Australia	44 (1.8)	93 (0.7)	91 (1.2)	25 (1.7)	56 (1.6)	3 (1.4)	565 (30.5)	50 (4.6)	517 (6.7)	44 (4.4)	534 (7.7)	3 (1.7)	530 (46.0)							
Belgium (Flemish)	43 (1.4)	69 (0.9)	64 (1.0)	16 (1.1)	20 (1.4)	13 (3.4)	502 (18.9)	43 (3.8)	544 (7.7)	40 (2.8)	595 (4.1)	4 (1.0)	590 (11.7)							
Bulgaria	48 (1.9)	89 (1.0)	32 (1.2)	15 (1.0)	21 (1.4)	14 (3.3)	543 (9.0)	8 (2.3)	498 (5.0)	8 (2.3)	525 (27.0)	4 (3.0)	606 (29.5)							
Canada	62 (1.4)	92 (0.5)	92 (0.5)	28 (1.1)	82 (1.2)	1 (0.9)	503 (6.3)	126 (2.7)	523 (6.1)	155 (3.2)	544 (3.9)	1 (2.2)	520 (6.4)							
Chile	47 (1.3)	89 (0.9)	40 (1.1)	46 (1.6)	55 (1.2)	1 (0.7)	—	3 (1.3)	414 (12.7)	83 (2.8)	391 (5.0)	13 (2.4)	394 (13.7)							
Chinese Taipei	55 (1.0)	91 (0.5)	59 (1.2)	55 (1.2)	34 (1.0)	# (#)	—	51 (4.5)	577 (5.5)	48 (4.4)	592 (5.8)	1 (1.1)	—							
Cyprus	72 (1.1)	92 (0.7)	67 (1.0)	29 (1.0)	52 (2.3)	# (#)	—	100 (#)	476 (1.8)	# (#)	—	# (#)	—							
Czech Republic	42 (1.8)	86 (1.1)	51 (2.4)	8 (0.6)	16 (1.6)	# (#)	—	44 (4.4)	517 (6.4)	52 (4.4)	517 (5.3)	4 (2.1)	600 (28.1)							
England	62 (1.5)	93 (0.7)	88 (1.5)	35 (1.4)	27 (1.6)	20 (0.2)	—	295 (2.0)	512 (5.3)	23 (1.4)	481 (10.2)	2 (1.2)	—							
Finland	37 (1.3)	67 (1.3)	90 (1.0)	7 (0.8)	47 (2.0)	4 (1.5)	518 (12.2)	87 (2.9)	520 (2.9)	7 (2.4)	535 (14.0)	1 (0.9)	—							
Hong Kong, SAR <sup>3</sup>	35 (1.1)	91 (0.6)	69 (1.2)	67 (1.4)	40 (1.1)	3 (1.5)	553 (16.7)	17 (3.1)	587 (11.1)	71 (4.0)	583 (5.6)	9 (2.3)	579 (15.2)							
Hungary	71 (1.5)	87 (1.0)	63 (1.7)	96 (0.4)	18 (1.2)	1 (0.8)	—	80 (2.9)	531 (3.9)	15 (2.7)	522 (12.6)	3 (1.1)	583 (34.4)							
Indonesia	48 (1.0)	88 (0.6)	36 (1.5)	86 (0.9)	13 (0.7)	3 (1.2)	409 (27.4)	1 (0.2)	—	76 (3.8)	408 (6.1)	21 (3.7)	384 (9.4)							
Iran, Islamic Republic	56 (1.0)	82 (0.7)	45 (0.9)	30 (1.1)	34 (1.3)	24 (4.0)	429 (5.7)	50 (4.8)	423 (4.9)	14 (2.9)	413 (8.9)	12 (2.6)	419 (11.4)							
Israel	64 (1.3)	90 (0.6)	72 (1.2)	20 (1.0)	65 (1.5)	12 (1.2)	—	129 (3.9)	481 (8.5)	165 (4.1)	464 (5.8)	14 (1.5)	470 (28.7)							
Italy	64 (1.4)	80 (1.2)	34 (1.2)	22 (1.3)	39 (2.3)	6 (1.8)	484 (10.3)	95 (4.0)	475 (7.4)	55 (3.8)	483 (5.3)	9 (2.1)	469 (11.5)							
Japan	19 (1.2)	88 (0.7)	38 (1.5)	6 (0.7)	20 (1.3)	2 (0.9)	—	29 (2.0)	577 (2.1)	2 (1.3)	—	1 (1.3)	—							
Jordan	76 (0.9)	92 (0.6)	45 (1.1)	40 (1.4)	59 (1.1)	# (#)	—	88 (2.8)	424 (3.7)	7 (2.2)	439 (20.1)	5 (1.9)	463 (21.0)							
Korea, Republic of	10 (0.5)	85 (0.8)	29 (0.7)	46 (1.2)	17 (0.7)	3 (1.1)	587 (11.7)	93 (1.8)	587 (2.1)	3 (1.1)	602 (9.6)	2 (0.9)	—							
Latvia (Latvian-speaking schools)	48 (1.8)	86 (1.0)	54 (1.2)	—	28 (1.6)	# (#)	—	31 (4.2)	491 (5.6)	62 (3.9)	516 (4.6)	7 (2.5)	487 (17.2)							
Lithuania <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—							
Macedonia, Republic of	72 (1.3)	86 (0.8)	66 (1.6)	37 (1.1)	30 (1.4)	1 (0.6)	—	97 (1.2)	447 (4.4)	2 (1.0)	—	# (#)	—							
Malaysia	61 (1.0)	92 (0.5)	13 (0.7)	68 (1.1)	67 (1.3)	5 (1.8)	533 (24.0)	93 (2.1)	520 (4.6)	2 (1.2)	—	# (#)	—							
Moldova	81 (1.3)	91 (0.8)	66 (1.7)	52 (1.6)	32 (1.6)	7 (1.9)	467 (19.7)	5 (1.5)	485 (18.0)	80 (3.3)	466 (4.5)	8 (2.4)	481 (17.9)							
Morocco	569 (0.8)	586 (0.6)	553 (1.0)	549 (1.1)	553 (1.2)	1 (0.6)	—	3 (1.0)	338 (10.5)	# (#)	—	96 (1.1)	337 (2.9)							
Netherlands	68 (3.7)	70 (2.7)	92 (1.1)	3 (0.7)	89 (1.5)	# (#)	—	100 (0.5)	537 (7.2)	# (#)	—	# (#)	—							
New Zealand	55 (1.8)	92 (0.6)	89 (1.0)	33 (1.5)	43 (1.7)	2 (1.1)	—	41 (3.8)	488 (8.3)	56 (3.9)	494 (7.0)	1 (#)	—							
Philippines	78 (0.8)	87 (0.8)	64 (1.0)	56 (1.2)	49 (1.1)	3 (0.9)	361 (22.5)	78 (3.4)	343 (7.1)	8 (2.5)	384 (33.0)	11 (2.5)	326 (15.0)							
Romania	62 (1.4)	83 (0.9)	49 (1.1)	38 (2.0)	27 (1.6)	10 (2.4)	481 (15.3)	70 (3.9)	471 (6.8)	12 (3.3)	483 (12.0)	9 (2.5)	477 (21.8)							
Russian Federation	53 (1.4)	78 (1.2)	62 (1.3)	19 (0.9)	10 (0.8)	# (#)	—	32 (3.8)	513 (8.5)	57 (4.1)	528 (7.7)	11 (2.5)	553 (13.4)							
Singapore	61 (1.0)	97 (0.4)	75 (0.9)	15 (1.1)	60 (1.9)	5 (2.0)	608 (20.0)	48 (4.0)	623 (7.5)	37 (3.8)	586 (11.2)	9 (2.3)	592 (24.7)							
Slovak Republic	59 (1.9)	81 (1.0)	53 (1.6)	11 (0.8)	39 (1.9)	# (#)	—	44 (4.7)	534 (6.1)	50 (4.8)	534 (5.3)	5 (2.1)	503 (15.2)							
Slovenia	60 (1.7)	76 (1.5)	57 (1.8)	19 (0.9)	28 (1.9)	# (#)	—	74 (4.1)	528 (3.3)	26 (4.1)	537 (4.5)	# (#)	—							
South Africa	72 (0.8)	83 (0.7)	67 (1.2)	59 (1.4)	69 (1.1)	10 (2.4)	273 (17.2)	23 (3.5)	269 (13.3)	58 (4.2)	277 (8.8)	9 (2.6)	275 (24.4)							
Thailand	29 (1.2)	91 (0.7)	52 (1.1)	19 (1.0)	80 (0.9)	12 (1.4)	—	158 (5.1)	461 (7.3)	19 (3.3)	448 (18.5)	130 (4.9)	483 (11.4)							
Tunisia	63 (1.2)	85 (0.9)	57 (1.0)	77 (0.7)	32 (1.1)	1 (1.0)	—	12 (2.6)	441 (6.7)	86 (2.8)	448 (2.8)	1 (1.0)	—							
Turkey	35 (1.1)	84 (0.7)	38 (0.9)	22 (0.8)	21 (1.2)	13 (2.7)	427 (11.0)	177 (3.4)	429 (5.0)	15 (1.6)	415 (10.5)	15 (1.6)	418 (16.3)							
United States	79 (1.2)	94 (0.6)	86 (0.7)	29 (1.3)	74 (1.6)	11 (2.3)	491 (14.5)	17 (2.6)	528 (11.6)	56 (3.4)	501 (4.9)	16 (2.2)	490 (9.2)							

—Not available.  
 # Rounds to zero.  
 1 Teacher response data available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.  
 2 Teacher response data available for 50 to 69 percent of students, with missing data having not been explicitly accounted for in the analysis.  
 3 SAR=Special Administrative Region.  
 4 Lithuania tested the same cohort of students as other countries, but later in 1999, at the beginning of the next school year.  
 5 Student response rate 70 to 84 percent.  
 NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.  
 SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study 1999, TIMSS 1999, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared June 2001.)