

# PIRLS

## Chapter 4



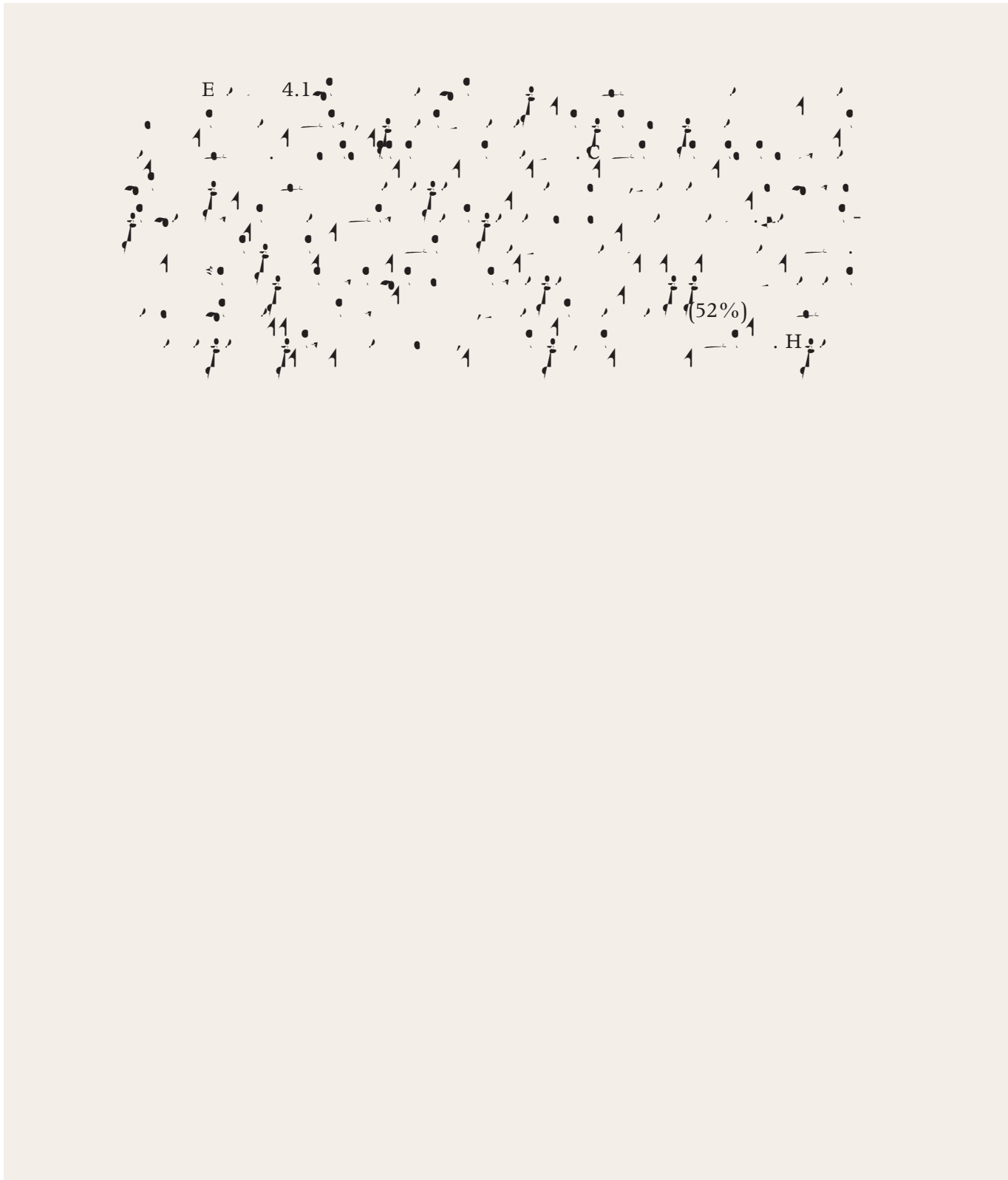
# Chapter 4



*Although formal instruction in reading is a school activity, there is little doubt that the foundation for future literacy is laid in the early years, and considerable evidence that exposure to literacy activities from an early age is a key element of this foundation. PIRLS collected information from parents about their child's experiences in learning to read, about their own reading, and about literacy resources in the home.*









Countries	Often		Sometimes		Never or Almost Never	
	P. c. h. S. d. h.	A. q. Ac. . . h.	P. c. h. S. d. h.	A. q. Ac. . . h.	P. c. h. S. d. h.	A. q. Ac. . . h.
Argentina	35 (1.2)	452 (7.4)	53 (1.4)	422 (6.1)	11 (1.0)	391 (8.1)
Belize	36 (2.0)	359 (7.3)	52 (1.4)	319 (6.0)	11 (1.2)	285 (8.5)
Bulgaria	51 (1.5)	576 (3.2)	41 (1.3)	537 (4.2)	8 (1.3)	497 (10.9)
Canada (O,Q)	68 (0.9)	562 (2.2)	30 (0.9)	525 (2.9)	2 (0.2)	..
Colombia	27 (1.5)	427 (6.6)	59 (1.5)	427 (4.4)	13 (1.2)	413 (6.3)
Cyprus	48 (1.3)	515 (4.7)	47 (1.2)	475 (3.8)	5 (0.5)	443 (11.2)
Czech Republic	62 (1.2)	553 (2.5)	36 (1.1)	520 (3.4)	2 (0.3)	..
England	82 (1.1)	581 (3.6)	17 (1.0)	533 (5.2)	1 (0.1)	..
France	57 (1.3)	547 (2.4)	39 (1.2)	503 (3.1)	4 (0.3)	505 (5.2)
Germany	57 (1.0)	561 (1.8)	36 (0.9)	522 (2.1)	7 (0.4)	508 (5.0)
Greece	49 (1.5)	547 (4.2)	39 (1.1)	510 (3.6)	12 (1.0)	496 (5.8)
Hong Kong, SAR	21 (0.9)	546 (3.3)	66 (0.8)	525 (3.0)	12 (0.8)	526 (4.7)
Hungary	59 (1.1)	560 (2.4)	37 (1.1)	526 (2.3)	4 (0.4)	523 (7.2)
Iceland	82 (0.7)	524 (1.5)	18 (0.7)	482 (2.8)	0 (0.1)	..
Iran, Islamic Rep. of	22 (1.4)	424 (8.4)	50 (1.6)	430 (4.3)	28 (1.9)	379 (5.5)
Israel						
Italy	37 (1.1)	567 (2.9)	50 (1.0)	531 (2.6)	13 (0.6)	528 (4.9)
Kuwait	17 (0.8)	413 (5.5)	61 (0.9)	406 (4.2)	23 (0.8)	379 (6.2)
Latvia	56 (1.3)	559 (3.0)	42 (1.3)	532 (2.5)	2 (0.3)	..
Lithuania	45 (1.4)	560 (3.1)	51 (1.3)	533 (2.9)	5 (0.4)	518 (6.4)
Macedonia, Rep. of	44 (1.3)	455 (6.2)	51 (1.3)	446 (5.5)	5 (1.0)	436 (17.2)
Moldova, Rep. of	38 (1.4)	514 (5.0)	53 (1.2)	482 (4.0)	9 (0.8)	463 (8.5)
Morocco						
Netherlands	70 (1.3)	570 (2.3)	27 (1.3)	546 (3.8)	3 (0.4)	551 (8.2)
New Zealand	76 (1.1)	555 (3.4)	23 (1.1)	485 (4.0)	1 (0.3)	..
Norway	70 (1.1)	515 (3.1)	29 (1.0)	474 (4.2)	1 (0.3)	..
Romania	42 (1.4)	531 (5.1)	51 (1.5)	505 (5.8)	7 (0.8)	473 (12.3)
Russian Federation	61 (1.4)	540 (4.2)	36 (1.4)	511 (5.4)	2 (0.5)	..
Scotland	79 (1.3)	553 (3.8)	21 (1.3)	503 (6.8)	1 (0.2)	..
Singapore	36 (1.2)	561 (4.9)	57 (1.0)	518 (4.9)	7 (0.5)	472 (9.0)
Slovak Republic	57 (1.1)	535 (2.8)	41 (1.0)	503 (3.1)	2 (0.3)	..
Slovenia	51 (1.2)	524 (2.4)	47 (1.1)	483 (2.6)	2 (0.2)	..
Sweden	70 (1.0)	573 (2.2)	29 (0.9)	543 (2.9)	2 (0.2)	..
Turkey	22 (1.1)	452 (6.4)	53 (1.4)	456 (4.0)	25 (1.4)	437 (4.5)
United States						
International Avg.	51 (0.2)	522 (0.8)	42 (0.2)	491 (0.7)	7 (0.1)	461 (2.4)

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A r r i t e q a a e q a a e f r l - % f t e r e f a A e f u e q e q a a e q a a l a e f u i t % f t e r e f A r q e q a a e q a a e f a e f u e t q a a e q a a l r e t r e t A a (-) q e q a a e t q a a e A t e (-) q e r f f e t q a t e i q e e t



The image shows a page of musical notation, likely a score, with various symbols and numbers. The notation includes notes, stems, and beams, along with specific markings such as 'I', 'E', 'A', '30', '80', '10', '4.3', 'C', 'H', and 'A'. The page is numbered '70' in the top right corner. The notation is arranged in several lines, with some lines starting with a treble clef. The symbols are black on a white background, with some numbers and letters in a larger font size for emphasis.



Countries	Always or Almost Always		Sometimes		Never	
	P. c. h. S. d. h.	A. a. Ac. . . h.	P. c. h. S. d. h.	A. a. Ac. . . h.	P. c. h. S. d. h.	A. a. Ac. . . h.
Argentina	84 (0.9)	444 (5.3)	10 (0.6)	404 (9.8)	6 (0.6)	381 (9.7)
Belize	28 (1.6)	343 (5.8)	51 (1.7)	331 (6.1)	21 (1.9)	306 (7.9)
Bulgaria	84 (2.0)	563 (3.4)	14 (1.7)	499 (9.7)	2 (0.6)	..
Canada (O,Q)	84 (1.0)	551 (2.4)	15 (0.8)	520 (3.6)	2 (0.2)	..
Colombia	84 (1.2)	431 (4.6)	13 (1.1)	399 (5.6)	3 (0.4)	372 (12.2)
Cyprus	82 (0.9)	500 (3.1)	16 (0.9)	477 (6.1)	2 (0.3)	..
Czech Republic	93 (0.5)	540 (2.1)	6 (0.5)	510 (7.4)	1 (0.2)	..
England	88 (1.0)	559 (3.4)	11 (0.9)	510 (5.9)	1 (0.2)	..
France	87 (0.9)	532 (2.5)	12 (0.8)	494 (3.6)	1 (0.2)	..
Germany	90 (0.7)	547 (1.8)	9 (0.7)	487 (3.6)	1 (0.1)	..
Greece	94 (0.6)	527 (3.5)	6 (0.5)	507 (9.7)	0 (0.1)	..
Hong Kong, SAR	5 (0.3)	527 (5.9)	50 (1.2)	535 (3.0)	45 (1.3)	523 (3.4)
Hungary	96 (0.5)	546 (2.2)	4 (0.4)	498 (6.8)	1 (0.2)	..
Iceland	88 (0.4)	519 (1.2)	11 (0.4)	488 (4.6)	1 (0.2)	..
Iran, Islamic Rep. of	56 (2.9)	443 (4.5)	24 (1.8)	394 (5.0)	20 (2.5)	362 (5.7)
Israel	80 (1.0)	523 (2.7)	19 (0.9)	471 (5.8)	2 (0.3)	..
Italy	96 (0.4)	543 (2.4)	3 (0.3)	498 (7.4)	1 (0.2)	..
Kuwait	56 (1.5)	401 (4.4)	34 (1.3)	402 (5.5)	10 (0.8)	393 (7.3)
Latvia	91 (1.1)	548 (2.3)	8 (0.9)	521 (6.7)	1 (0.3)	..
Lithuania	94 (0.9)	546 (2.4)	5 (0.8)	515 (8.3)	1 (0.3)	..
Macedonia, Rep. of	88 (1.6)	454 (4.2)	10 (1.4)	415 (14.8)	2 (0.5)	..
Moldova, Rep. of	85 (2.0)	494 (3.7)	13 (1.5)	487 (13.6)	2 (0.6)	..
Morocco	18 (1.4)	332 (10.8)	38 (2.4)	352 (8.9)	43 (3.0)	368 (15.4)
Netherlands	86 (1.5)	558 (2.3)	11 (0.9)	528 (5.7)	3 (0.9)	546 (8.5)
New Zealand	84 (1.1)	540 (3.4)	14 (1.0)	485 (8.3)	2 (0.3)	..
Norway	92 (0.6)	505 (2.8)	7 (0.6)	459 (6.7)	1 (0.2)	..
Romania	91 (1.6)	517 (4.5)	6 (1.0)	492 (16.3)	2 (1.1)	..
Russian Federation	85 (2.2)	535 (3.6)	11 (1.5)	496 (12.8)	4 (0.8)	480 (15.3)
Scotland	89 (0.9)	533 (3.8)	9 (0.7)	502 (5.1)	2 (0.4)	..
Singapore	43 (1.4)	564 (4.6)	50 (1.3)	509 (5.3)	8 (0.4)	466 (7.7)
Slovak Republic	84 (1.5)	526 (2.7)	13 (1.3)	491 (6.9)	3 (0.5)	462 (15.9)
Slovenia	86 (1.0)	507 (2.1)	12 (0.9)	471 (4.1)	1 (0.2)	..
Sweden	90 (1.1)	565 (1.9)	9 (1.0)	522 (5.0)	1 (0.2)	..
Turkey	87 (1.4)	456 (3.6)	12 (1.3)	408 (6.1)	1 (0.2)	..
United States	85 (1.1)	551 (3.7)	14 (1.1)	506 (6.1)	2 (0.3)	..
International Avg.	79 (0.2)	508 (0.7)	16 (0.2)	474 (1.4)	6 (0.1)	424 (2.7)

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A r ... % f ... A r ...









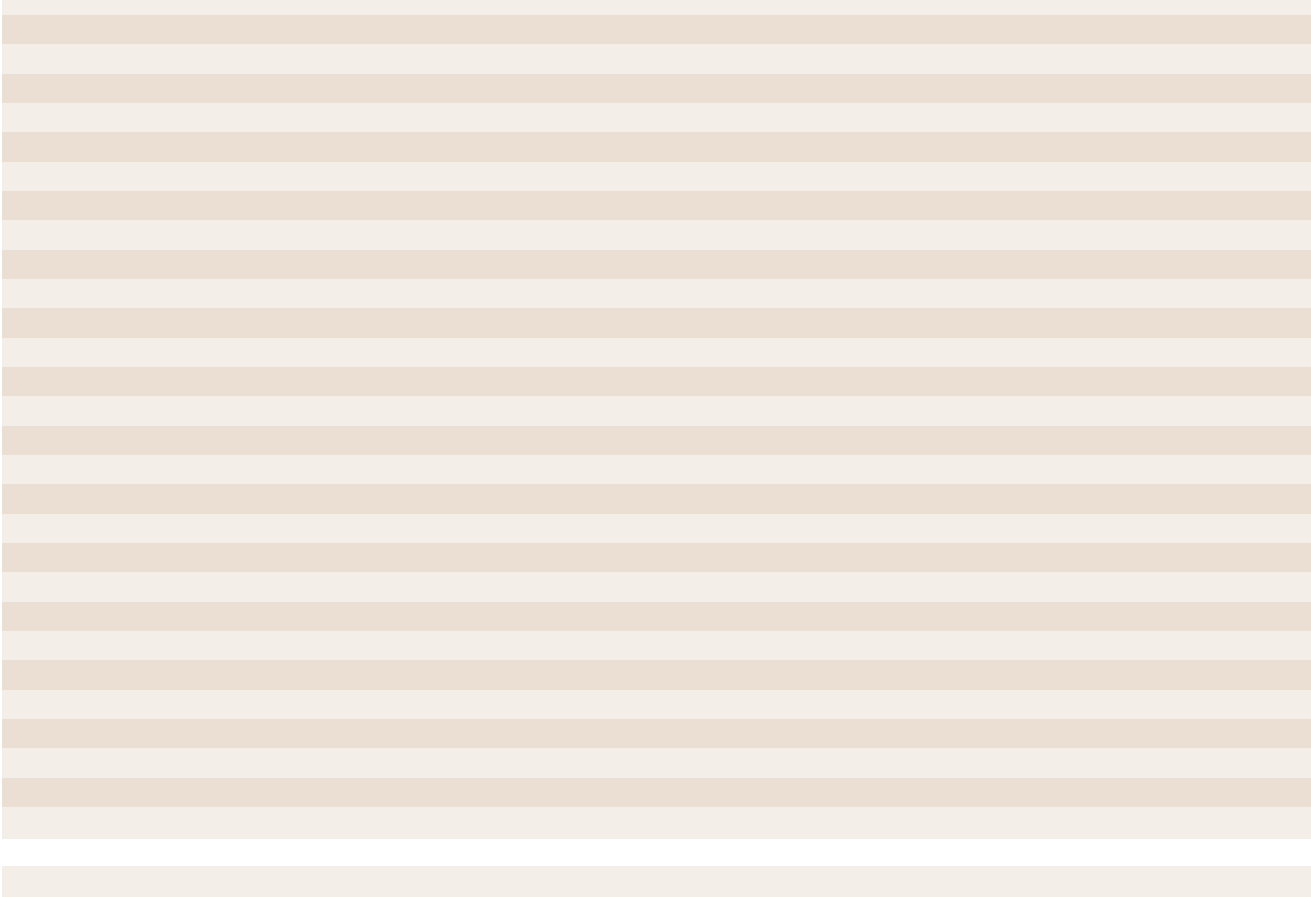








Argentina	6 (0.7)	474 (12.6)	7 (0.7)	484 (11.1)	21 (1.6)	466 (9.1)	24 (1.2)	446 (6.8)	42 (2.5)	416 (5.5)
Belize	8 (0.9)	363 (12.0)	7 (0.8)	348 (11.4)	17 (1.1)	357 (8.3)	27 (1.1)	343 (6.5)	41 (2.0)	304 (5.0)
Bulgaria	27 (1.4)	583 (3.8)	16 (0.9)	579 (4.9)	24 (1.1)	565 (3.8)	13 (1.0)	537 (5.7)	20 (1.8)	498 (8.1)
Canada (O,Q)	22 (0.9)	562 (3.4)	22 (0.8)	565 (3.3)	35 (0.7)	546 (2.4)	15 (0.8)	519 (3.3)	6 (0.5)	492 (4.7)
Colombia	51.3515 0	0.0195 c ((0.9)275)	2204.2(4)	19.5(7)50.0a	T	Tc(Canada (O,Q))	Typrus	( )T	.	.





Argentina	2 (0.5)	、	4 (0.5)	511 (14.2)	12 (1.1)	481 (7.6)	18 (1.3)	455 (6.7)	64 (2.2)	407 (5.9)
Belize	3 (0.6)	382 (16.2)	6 (0.7)	384 (12.9)	16 (1.3)	366 (9.4)	28 (1.4)	340 (6.5)	47 (2.1)	304 (5.6)
Bulgaria	8 (0.7)	594 (8.2)	15 (0.9)	594 (4.2)	29 (1.2)	572 (3.5)	23 (1.2)	547 (4.0)	26 (2.0)	502 (8.0)
Canada (O,Q)	30 (1.1)	571 (2.8)	30 (0.8)	554 (2.4)	25 (0.8)	539 (2.9)	11 (0.7)	524 (3.8)	3 (0.3)	499 (6.7)
Colombia	1 (0.3)	、	2 (0.2)	、	7 (0.7)	471 (11.7)	18 (1.2)	438 (7.0)	73 (1.7)	417 (4.0)
Cyprus	8 (0.7)	525 (8.4)	16 (0.9)	524 (4.8)	31 (1.1)	498 (4.9)	31 (0.9)	478 (3.9)	15 (1.0)	458 (5.4)
Czech Republic	16 (1.0)	566 (4.2)	30 (1.2)	559 (2.6)	37 (1.0)	529 (2.8)	14 (1.1)	510 (4.5)	3 (0.3)	483 (9.2)
England	35 (1.6)	597 (4.3)	31 (1.1)	576 (4.6)	23 (1.1)	548 (5.7)	9 (0.8)	542 (7.8)	3 (0.5)	479 (14.6)
France	19 (1.2)	570 (3.6)	25 (0.9)	543 (2.8)	31 (1.0)	515 (2.7)	18 (0.8)	502 (3.1)	7 (0.6)	473 (5.6)
Germany	17 (0.9)	581 (2.7)	26 (0.8)	560 (2.1)	33 (0.8)	538 (1.9)	18 (0.8)	515 (2.9)	7 (0.5)	476 (4.1)
Greece	10 (1.3)	577 (6.0)	17 (1.0)	549 (4.2)	28 (1.4)	538 (4.3)	29 (1.3)	512 (4.5)	17 (1.5)	480 (6.2)
Hong Kong, SAR	3 (0.5)	561 (5.8)	7 (0.5)	543 (4.3)	18 (0.7)	534 (3.1)	28 (0.7)	528 (3.3)	44 (1.4)	525 (3.8)
Hungary	18 (1.0)	582 (3.5)	26 (0.8)	562 (2.9)	29 (0.8)	541 (2.6)	17 (0.7)	520 (2.8)	9 (0.7)	486 (4.2)
Iceland	33 (0.8)	535 (2.4)	40 (0.9)	518 (2.1)	23 (0.8)	495 (2.7)	4 (0.4)	485 (6.3)	1 (0.1)	、
Iran, Islamic Rep. of	2 (0.3)	、	4 (0.4)	493 (9.5)	10 (0.7)	463 (6.6)	20 (1.0)	448 (5.1)	64 (1.9)	393 (3.7)
Israel										
Italy	5 (0.4)	581 (5.7)	12 (0.7)	576 (3.4)	27 (0.8)	552 (2.9)	32 (0.8)	534 (3.1)	24 (1.0)	517 (3.9)
Kuwait	3 (0.3)	417 (10.0)	6 (0.5)	420 (7.7)	20 (0.6)	418 (4.6)	28 (0.8)	408 (4.8)	42 (1.0)	384 (5.9)
Latvia	15 (0.8)	577 (3.5)	23 (0.9)	552 (3.9)	32 (1.1)	546 (2.9)	21 (1.0)	531 (3.5)	8 (0.9)	514 (6.9)
Lithuania	6 (0.6)	576 (6.7)	14 (0.9)	581 55 (0.7)	48 4094.7( )	4094.8( )	11 2704.1(2)	19.5(1) 411((1.0))	219)	2704.1(2) 19.5(



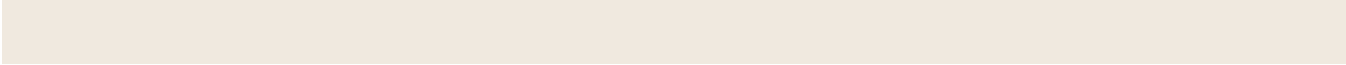


Argentina
Belize
Bulgaria
Canada (O,Q)
Colombia
Cyprus
Czech Republic
England
France
Germany
Greece
Hong Kong, SAR
Hungary
Iceland
Iran, Islamic Rep. of
Israel
Italy
Kuwait
Latvia
Lithuania
Macedonia, Rep. of
Moldova, Rep. of
Morocco
Netherlands
New Zealand
Norway
Romania
Russian Federation
Scotland
Singapore
Slovak Republic
Slovenia
Sweden
Turkey
United States





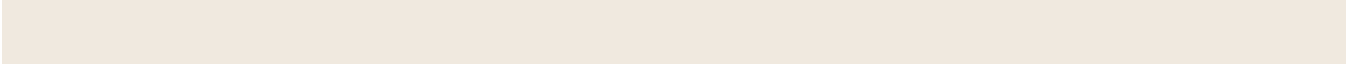




















Countries	Every Day or Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Almost Never	
	P. c. h. S. d. h.	A. a. Ac. . . h.	P. c. h. S. d. h.	A. a. Ac. . . h.	P. c. h. S. d. h.	A. a. Ac. . . h.	P. c. h. S. d. h.	A. a. Ac. . . h.
Argentina	36 (1.3)	440 (7.5)	36 (1.2)	433 (6.4)	14 (0.9)	432 (9.1)	14 (0.9)	420 (10.5)
Belize	28 (1.4)	343 (8.2)	39 (1.3)	343 (6.4)	17 (0.8)	328 (8.7)	16 (1.5)	289 (7.3)
Bulgaria	53 (1.6)	567 (3.5)	28 (1.2)	554 (4.9)	11 (0.6)	534 (8.0)	9 (1.5)	506 (10.8)
Canada (O,Q)	51 (1.0)	558 (2.5)	32 (0.8)	547 (2.9)	12 (0.6)	537 (4.1)	4 (0.3)	532 (6.3)
Colombia	24 (1.0)	433 (7.5)	38 (1.1)	430 (5.9)	19 (1.2)	424 (6.7)	19 (1.3)	414 (5.1)
Cyprus	35 (1.3)	503 (4.8)	41 (1.3)	493 (4.2)	16 (0.9)	482 (6.0)	8 (0.5)	482 (7.0)
Czech Republic	51 (1.1)	541 (3.0)	38 (1.1)	543 (3.2)	9 (0.6)	537 (5.0)	1 (0.3)	533 (14.9)
England	56 (1.5)	582 (3.8)	31 (1.2)	568 (4.5)	9 (0.8)	558 (7.8)	4 (0.5)	533 (14.9)
France	51 (1.0)	537 (3.0)	34 (0.9)	523 (3.3)	10 (0.7)	519 (3.7)	5 (0.4)	499 (7.6)
Germany	51 (0.9)	553 (2.0)	32 (0.7)	538 (2.3)	12 (0.5)	534 (3.5)	5 (0.4)	522 (5.1)
Greece	41 (1.3)	536 (3.9)	38 (1.2)	522 (4.0)	12 (0.9)	528 (7.4)	9 (0.8)	499 (7.3)
Hong Kong, SAR	31 (1.1)	538 (3.0)	29 (0.7)	529 (3.5)	19 (0.7)	528 (4.0)	21 (0.8)	524 (4.1)
Hungary	51 (0.9)	553 (2.5)	36 (0.8)	543 (2.7)	9 (0.5)	530 (4.7)	4 (0.4)	513 (6.1)
Iceland	62 (0.8)	519 (1.9)	25 (0.8)	516 (3.2)	9 (0.5)	512 (6.0)	3 (0.3)	509 (7.8)
Iran, Islamic Rep. of	22 (1.0)	417 (6.6)	36 (1.4)	423 (4.8)	21 (1.0)	420 (5.8)	22 (1.6)	398 (6.3)
Israel								
Italy	47 (0.9)	555 (2.5)	36 (0.8)	540 (2.9)	10 (0.6)	530 (4.8)	7 (0.5)	526 (5.3)
Kuwait	40 (0.6)	405 (5.1)	39 (0.7)	402 (4.6)	14 (0.6)	395 (5.9)	6 (0.4)	391 (8.3)
Latvia	53 (1.6)	550 (2.5)	35 (1.1)	545 (3.1)	9 (0.7)	544 (5.2)	3 (0.4)	534 (13.8)
Lithuania	52 (1.0)	546 (3.3)	37 (1.0)	545 (3.1)	8 (0.6)	547 (5.5)	2 (0.3)	533 (14.9)
Macedonia, Rep. of	41 (1.3)	471 (5.9)	41 (1.0)	441 (5.0)	13 (0.9)	426 (8.4)	5 (0.8)	439 (14.4)
Moldova, Rep. of	35 (1.6)	505 (5.2)	40 (1.2)	492 (4.2)	16 (0.8)	481 (5.1)	9 (0.8)	474 (7.4)
Morocco								
Netherlands	60 (1.3)	567 (2.5)	28 (1.0)	560 (3.4)	7 (0.6)	552 (6.0)	5 (0.6)	550 (5.7)
New Zealand	56 (1.2)	547 (4.0)	29 (1.1)	536 (4.4)	11 (0.8)	516 (7.3)	4 (0.4)	502 (12.5)
Norway	59 (1.2)	507 (3.6)	28 (1.1)	498 (4.5)	10 (0.5)	503 (7.4)	4 (0.4)	488 (10.1)
Romania	16 (1.2)	532 (6.4)	33 (1.4)	526 (4.8)	24 (1.1)	518 (6.6)	27 (1.7)	492 (7.6)
Russian Federation	49 (1.2)	532 (3.9)	34 (1.1)	527 (6.5)	13 (0.8)	526 (6.2)	3 (0.3)	507 (8.5)
Scotland	62 (1.3)	552 (4.3)	26 (1.2)	532 (5.7)	7 (0.6)	525 (9.6)	5 (0.6)	526 (13.2)
Singapore	36 (0.8)	551 (4.3)	36 (0.6)	530 (5.3)	19 (0.6)	518 (5.8)	9 (0.4)	496 (8.4)
Slovak Republic	49 (1.1)	528 (3.0)	40 (1.0)	521 (3.3)	8 (0.5)	511 (5.3)	3 (0.4)	487 (13.0)
Slovenia	41 (1.0)	509 (2.6)	42 (0.9)	504 (2.8)	13 (0.6)	498 (4.0)	4 (0.4)	479 (10.0)
Sweden	68 (0.9)	568 (2.1)	22 (0.7)	556 (3.2)	7 (0.4)	554 (5.2)	3 (0.3)	540 (6.0)
Turkey	21 (1.2)	463 (6.3)	34 (1.1)	455 (5.0)	20 (0.9)	449 (4.7)	25 (1.5)	438 (4.7)
United States								
International Avg.	45 (0.2)	516 (0.8)	34 (0.2)	507 (0.8)	13 (0.1)	500 (1.1)	8 (0.1)	484 (1.7)

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



