

PIRLS

Chapter 2



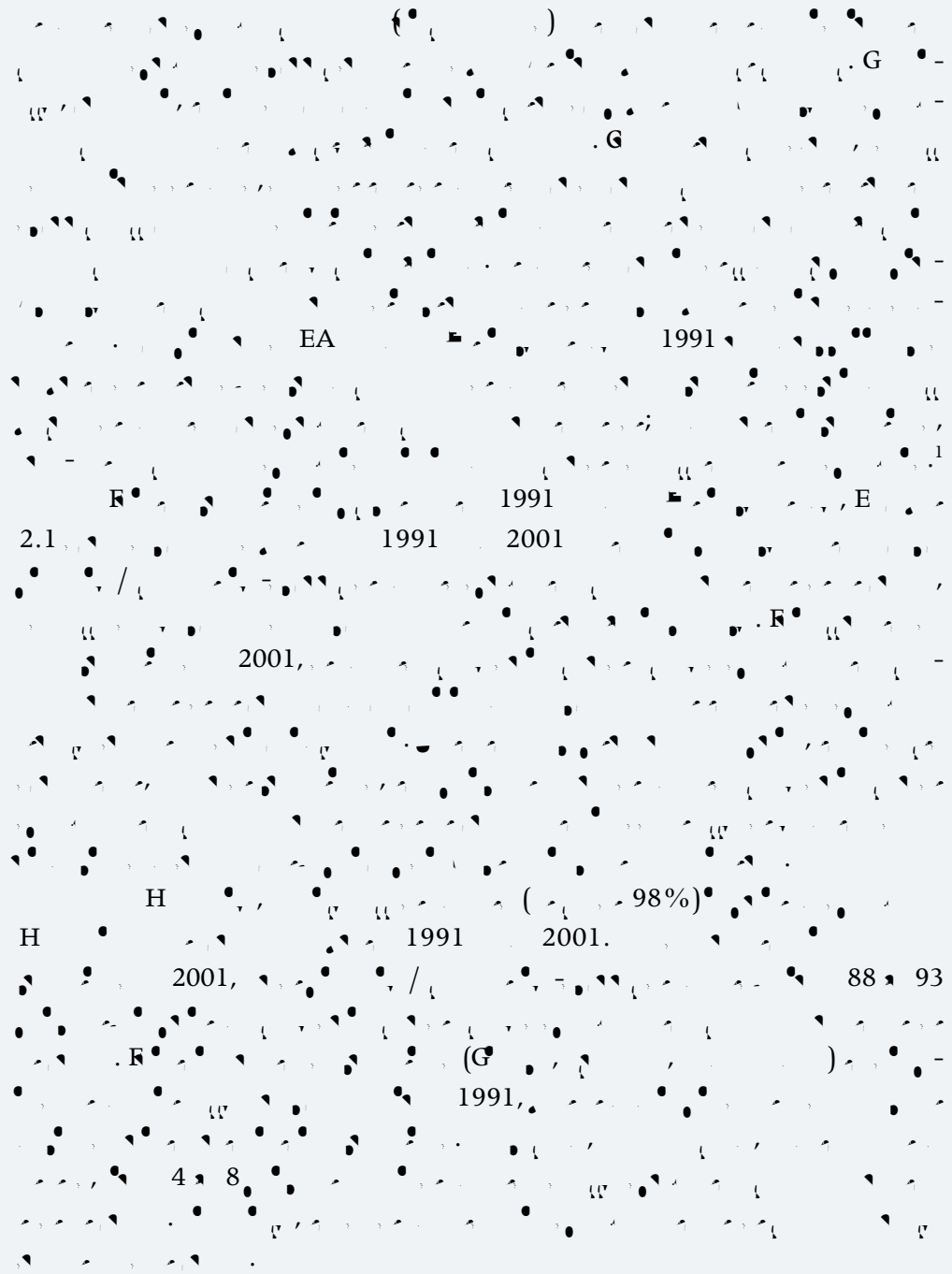
Chapter 2

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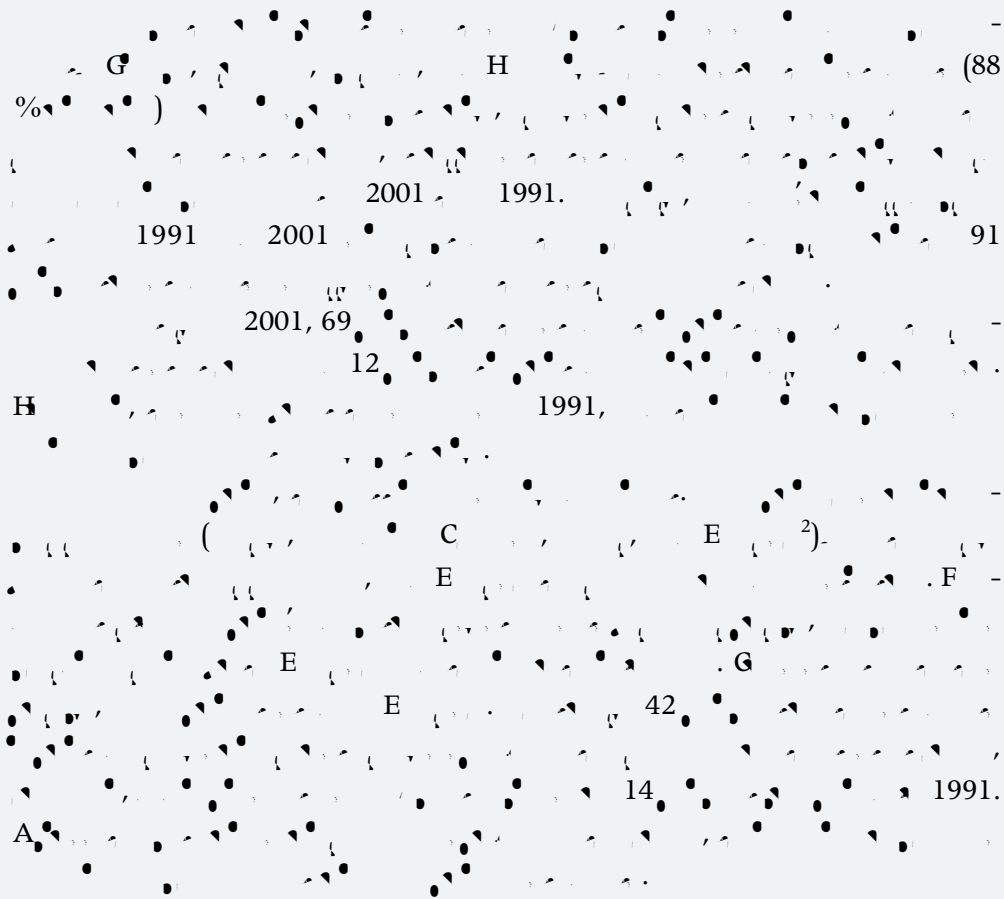


T a b c l a
 a a a a

Language Spoken at Home



1. Ellis, W. B. (1991). *How in the world do students read? The Hawaii e: l e h i h i A h i h i h e E h i h i E h i h i A h e e e e*.



2. Mills, I.V.S., Miller, M.O., Keefer, A.M., & Finkbeiner, C.L. (Eds.). (2002). *PIRLS 2001 encyclopedia: A reference guide to reading education in the countries participating in IEA's Progress in International Reading Literacy Study (PIRLS)*. Chesham Hill, MA: Brookline College.

Exhibit 2.1: Trends in Frequency with Which Students Speak the Language of Test at Home

Greece	92 (1.2)	-2 (1.7)	7 (1.1)	2 (1.3)	1 (0.4)	-1 (0.7)
Hungar	98 (0.3)	1 (0.5)	1 (0.2)	0 (0.3)	1 (0.2)	0 (0.4)
Iceland	93 (0.8)	-4 (0.8) ▼	5 (0.7)	3 (0.7) ▲	2 (0.3)	1 (0.4) ▲
Ital	69 (1.7)	-4 (2.8)	19 (1.4)	4 (2.0)	12 (0.9)	1 (1.7)
New Zealand	88 (1.4)	-4 (1.7) ▼	9 (1.1)	3 (1.4) ▲	3 (0.6)	1 (0.7)
Singapore	42 (1.8)	14 (2.2) ▲	45 (1.5)	-15 (1.9) ▼	13 (0.8)	0 (1.0)
Slovenia	88 (1.7)	0 (2.0)	8 (1.4)	-1 (1.6)	3 (0.8)	1 (0.9)
Sweden	91 (1.1)	0 (1.6)	7 (0.9)	1 (1.2)	3 (0.3)	-1 (0.7)
United States	89 (1.4)	-8 (1.5) ▼	8 432 (8.8) D 1.875 (10.4)	5 (1.5)	10 (4.7)	0

Exhibit 2.2: Trends in Number of Books in the Home

ISC
RLS Trend
1991–2001

Countries	More than 100 Books		51-100 Books		11-50 Books		0-10 Books	
	Percent of Students in 2001	1991 2001 D... ..c	Percent of Students in 2001	1991 2001 D... ..c	Percent of Students in 2001	1991 2001 D... ..c	Percent of Students in 2001	1991 2001 D... ..c
Greece	31 (2.1)	7 (2.5) ▲	27 (1.5)	5 (1.8) ▲	31 (1.7)	-2 (2.1)	11 (1.3)	-10 (1.9) ▼
Hungar	43 (1.6)	-6 (2.2) ▼	25 (0.7)	-2 (1.2)	20 (1.0)	3 (1.4)	12 (1.0)	5 (1.2) ▲
Iceland	58 (1.4)	-8 (1.6) ▼	26 (1.1)	5 (1.3) ▲	12 (0.8)	2 (0.9)	3 (0.6)	1 (0.6)
Ital	25 (1.5)	-5 (2.2) ▼	22 (0.9)	0 (1.6)	31 (1.6)	2 (2.2)	23 (1.4)	3 (2.0)
New Zealand	55 (2.5)	-4 (3.0)	22 (1.5)	3 (1.7)	15 (1.3)	2 (1.6)	8 (0.9)	-1 (1.2)
Singapore	42 (1.4)	6 (1.8) ▲	24 (0.9)	2 (1.1)	22 (1.0)	-3 (1.2) ▼	13 (0.9)	-6 (1.3) ▼
Slovenia	38 (1.9)	-5 (2.4) ▼	26 (1.6)	-1 (1.9)	24 (1.4)	2 (1.7)	12 (1.0)	4 (1.2) ▲
Sweden	65 (1.5)	-7 (1.9) ▼	19 (1.0)	3 (1.2) ▲	13 (0.8)	4 (1.1) ▲	3 (0.4)	1 (0.6)
United States	43 (2.2)	-11 (2.7) ▼	24 (1.2)	3 (1.4) ▲	22 (1.6)	5 (1.8) ▲	11 (1.3)	2 (1.5)

SOURCE: IEA, RLS, 1991–2001

Countries	More than 100 Books		51-100 Books		11-50 Books		0-10 Books	
	Average Achievement in 2001	1991 2001 D... ..c	Average Achievement in 2001	1991 2001 D... ..c	Average Achievement in 2001	1991 2001 D... ..c	Average Achievement in 2001	1991 2001 D... ..c
Greece	519 (6.8)	28 (9.0) ▲	527 (7.7)	39 (9.2) ▲	495 (9.9)	23 (12.0)	473 (10.1)	56 (12.1) ▲
Hungar	507 (3.8)	22 (5.7) ▲	479 (4.3)	21 (6.7) ▲	456 (4.8)	22 (7.5) ▲	389 (6.9)	22 (10.6) ▲
Iceland	524 (3.4)	29 (3.7) ▲	513 (5.0)	27 (6.2) ▲	491 (6.8)	37 (8.8) ▲	437 (16.5)	
Ital	527 (7.5)	13 (9.9)	539 (6.2)	18 (8.7) ▲	509 (5.2)	-7 (10.6)	478 (6.5)	34 (9.7) ▲
New Zealand	525 (6.7)	1 (7.8)	499 (7.6)	5 (9.8)	489 (10.4)	26 (13.0) ▲	397 (12.5)	-5 (18.0)
Singapore	509 (9.1)	5 (10.2)	508 (7.6)	14 (8.5)	480 (7.6)	4 (8.1)	403 (7.0)	-26 (7.9) ▼
Slovenia	513 (4.5)	35 (6.0) ▲	498 (6.5)	36 (7.8) ▲	484 (6.9)	48 (8.2) ▲	444 (6.9)	46 (9.9) ▲
Sweden	509 (3.2)	-16 (5.1) ▼	493 (5.9)	-9 (8.4)	465 (8.7)	-5 (12.9)	422 (9.6)	
United States	537 (6.2)	0 (7.2)	512 (8.2)	-17 (9.0)	493 (7.7)	0 (8.8)	453 (7.1)	-10 (9.0)

▲ 2001 significantly higher than 1991

▼ 2001 significantly lower than 1991

() Shows the percentage change in the number of books in the home. A (+) in the table indicates a significant increase in the number of books in the home. A (-) indicates a significant decrease in the number of books in the home.

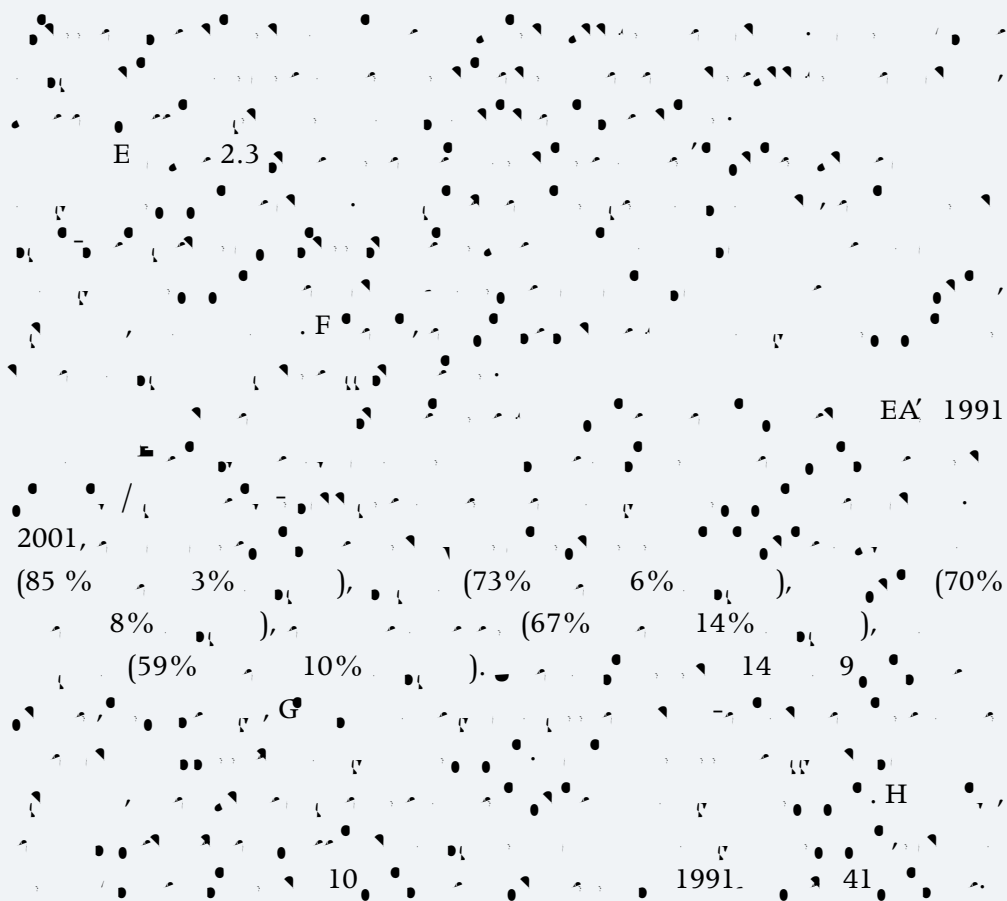


Exhibit 2.3: Trends in Receiving a Daily Newspaper at Home

Countries	Yes			No		
	Percent of Students in 2001	1991	2001 D... .. C	Percent of Students in 2001	1991	2001 D... .. C
Greece	27 (1.5)	-14 (2.0)	▼	73 (1.5)	14 (2.0)	▲
Hungar	41 (1.4)	10 (1.8)	▲	59 (1.4)	-10 (1.8)	▼
Iceland	73 (1.5)	-6 (1.6)	▼	27 (1.5)	6 (1.6)	▲
Ital	32 (1.4)	-9 (2.0)	▼	68 (1.4)	9 (2.0)	▲
New Zealand	59 (2.3)	-10 (2.7)	▼	41 (2.3)	10 (2.7)	▲
Singapore	70 (0.9)	-8 (1.2)	▼	30 (0.9)	8 (1.2)	▲
Slovenia	49 (1.8)	1 (2.3)		51 (1.8)	-1 (2.3)	
Sweden	85 (1.0)	-3 (1.2)	▼	15 (1.0)	3 (1.2)	▲
United States	67 (1.8)	-14 (2.0)	▼	33 (1.8)	14 (2.0)	▲

SOURCE: IEA, 1991-2001

Countries	Yes			No		
	Average Achievement in 2001	1991	2001 D... .. C	Average Achievement in 2001	1991	2001 D... .. C
Greece	515 (7.2)	28 (9.2)	▲	506 (6.5)	50 (7.9)	▲
Hungar	468 (5.1)	17 (7.1)	▲	481 (4.1)	16 (6.0)	▲
Iceland	518 (4.2)	28 (4.4)	▲	503 (5.1)	29 (5.9)	▲
Ital	513 (5.3)	4 (7.6)		513 (5.0)	17 (8.1)	▲
New Zealand	497 (6.2)	-10 (7.7)		513 (6.5)	29 (9.2)	▲
Singapore	496 (7.8)	9 (8.7)		476 (8.8)	13 (9.4)	
Slovenia	504 (4.7)	41 (5.8)	▲	484 (4.8)	26 (5.9)	▲
Sweden	503 (3.8)	-15 (5.6)	▼	469 (6.3)	-13 (10.4)	
United States	516 (6.7)	-10 (7.4)		502 (7.9)	1 (8.9)	

▲ 2001 significantly higher than 1991

▼ 2001 significantly lower than 1991

() Significance levels are indicated by the letters A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. A (-) indicates a significant decrease, and A (+) indicates a significant increase.

Parents and Other People at Home Ask About Students' Reading

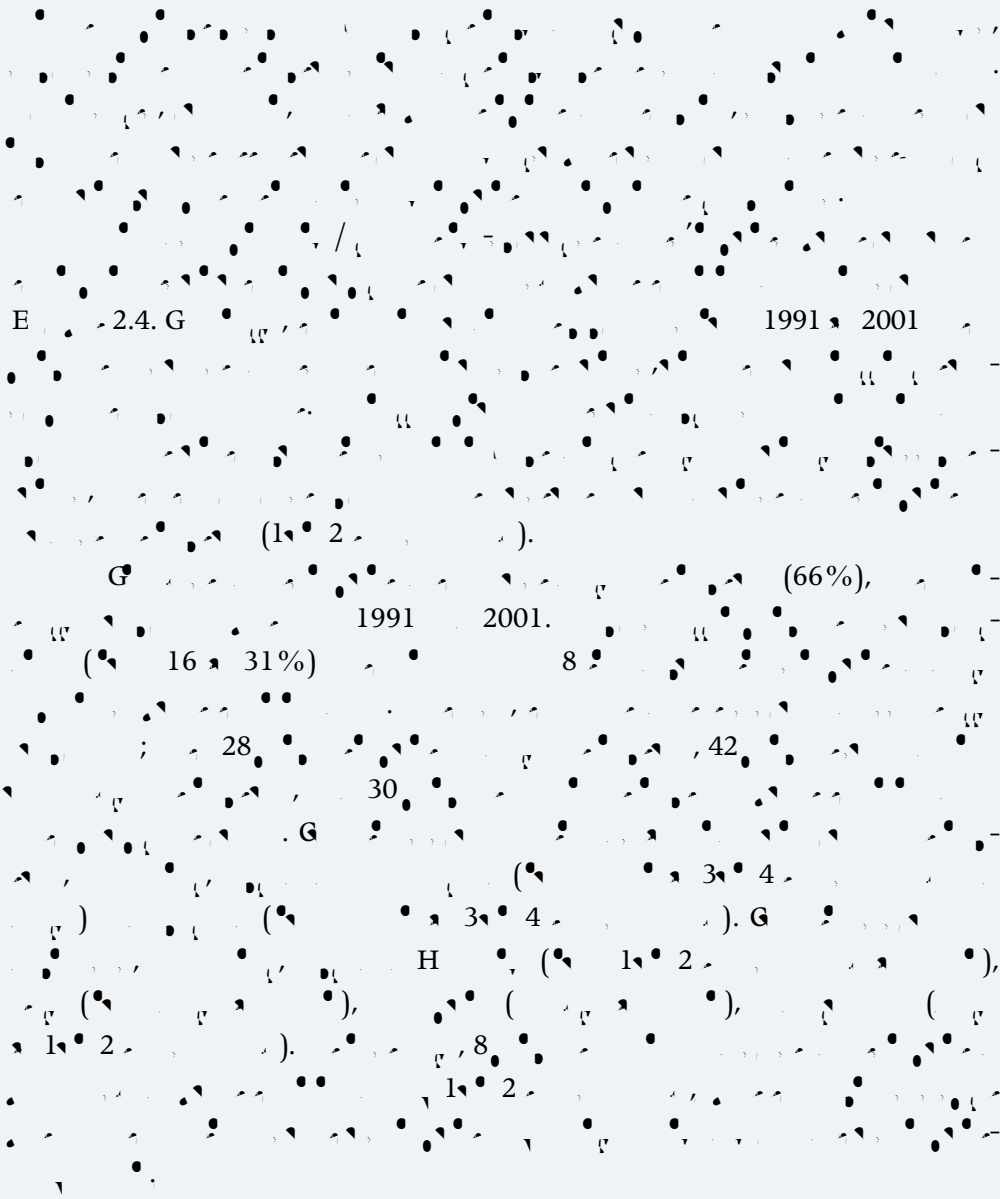


Exhibit 2.4: Trends in How Often Parents or Other People at Home Ask Students About What They Have Been Reading

ISC ILS Trend 1991–2001

Countries	Nearly Every Day		3 or 4 Times a Week		1 or 2 Times a Week		Never	
	Percent of Students in 2001	1991 D... ..c 2001	Percent of Students in 2001	1991 D... ..c 2001	Percent of Students in 2001	1991 D... ..c 2001	Percent of Students in 2001	1991 D... ..c 2001
Greece	66 (1.9)	-1 (2.4)	10 (1.2)	0 (1.3)	16 (1.5)	2 (1.7)	7 (0.9)	-1 (1.2)
Hungar	31 (1.2)	0 (1.6)	15 (0.7)	-1 (1.0)	31 (0.9)	-3 (1.4) ▼	23 (0.8)	4 (1.1) ▲
Iceland	18 (0.9)	0 (1.1)	14 (0.7)	4 (0.9) ▲	32 (1.2)	2 (1.4)	36 (1.3)	-6 (1.5) ▼
Ital	29 (1.6)	-5 (2.1) ▼	13 (1.0)	-2 (1.5)	30 (1.4)	2 (2.0)	28 (1.3)	5 (1.9) ▲
New Zealand	21 (1.8)	4 (2.0) ▲	14 (1.1)	3 (1.4) ▲	37 (2.3)	0 (2.6)	28 (1.7)	-8 (2.1) ▼
Singapore	19 (0.8)	0 (1.1)	12 (0.6)	-5 (0.8) ▼	30 (0.9)	-2 (1.1) ▼	39 (1.1)	7 (1.5) ▲
Slovenia	30 (1.5)	-7 (2.0) ▼	17 (1.3)	1 (1.5)	35 (1.6)	5 (2.0) ▲	18 (1.6)	2 (1.9)
Sweden	16 (0.9)	3 (1.2) ▲	9 (0.5)	0 (0.8)	37 (1.3)	-8 (1.8) ▼	38 (1.6)	4 (2.1) ▲
United States	28 (1.6)	-1 (1.9)	14 (1.6)	2 (1.7)	28 (0.8)	0 (1.0)	30 (1.6)	-1 (1.8)

SOURCE: IEA, 1991–2001

Countries	Nearly Every Day		3 or 4 Times a Week		1 or 2 Times a Week		Never	
	Average Achievement in 2001	1991 D... ..c 2001	Average Achievement in 2001	1991 D... ..c 2001	Average Achievement in 2001	1991 D... ..c 2001	Average Achievement in 2001	1991 D... ..c 2001
Greece	510 (6.8)	40 (8.5) ▲	499 (10.6)	40 (13.7) ▲	504 (9.9)	34 (11.3) ▲	510 (14.6)	61 (18.4) ▲
Hungar	471 (4.1)	19 (6.6) ▲	467 (5.5)	13 (8.1)	484 (5.2)	17 (6.9) ▲	475 (5.5)	9 (8.2)
Iceland	491 (5.9)	24 (6.9) ▲	519 (7.1)	35 (9.0) ▲	528 (5.0)	29 (5.6) ▲	514 (4.6)	25 (5.2) ▲
Ital	517 (7.4)	14 (9.9)	507 (8.3)	16 (11.5)	521 (5.0)	7 (9.6)	503 (5.2)	10 (8.2)
New Zealand	471 (9.8)	-9 (12.2)	515 (10.0)	20 (14.4)	522 (8.8)	9 (10.2)	497 (8.0)	3 (9.5)
Singapore	488 (9.7)	6 (10.7)	468 (9.6)	-10 (10.5)	493 (8.6)	7 (9.5)	492 (7.8)	16 (8.8)
Slovenia	485 (4.5)	34 (6.4) ▲	487 (7.7)	36 (9.4) ▲	498 (5.4)	42 (6.9) ▲	506 (7.2)	16 (8.7)
Sweden	456 (5.9)	-12 (8.9)	495 (7.8)	-15 (11.1)	518 (4.6)	-8 (6.8)	496 (4.8)	-19 (7.1) ▼
United States	501 (8.2)	-5 (9.0)	514 (11.8)	-9 (12.8)	522 (6.5)	-16 (7.4) ▼	510 (6.8)	-13 (7.8)

- ▲ 2001 significantly higher than 1991
- ▼ 2001 significantly lower than 1991

() Shows the percentage change in the average achievement score between 1991 and 2001. A (+) in the table indicates a significant increase in the average achievement score, while a (-) indicates a significant decrease.

