

Exhibit 1.5: Achievement Differences Between ePIRLS and PIRLS Informational for Girls and for Boys

Exhibit 1.5 shows graphs of average achievement on ePIRLS and PIRLS informational reading by gender, with the top part of the exhibit presenting the results for girls and the bottom part the results for boys. The countries are presented in alphabetical order in both parts. In nearly all of the countries, the results for the girls and for the boys mirror the national results. Both girls and boys had higher achievement on ePIRLS than PIRLS informational reading in Denmark, Israel, Norway, Singapore, United Arab Emirates, and the United States, and higher achievement on PIRLS informational reading in Chinese Taipei, Georgia, Italy, Portugal, and Slovenia. The results by gender were different in Ireland, where the national difference was not significant but girls had an advantage in ePIRLS, and in Sweden where the national results showed a difference favoring ePIRLS that was only significant for boys.







Exhibit 1.5: Achievement Differences Between ePIRLS and PIRLS Informational for Girls and for Boys

Note: Results based on students who participated in both PIRLS and ePIRLS.

Girls	ePIRLS Online	PIRLS		Difference				
	Informational	Informational	Difference	ePIRLS Online Informational Score is Higher	PIRLS Informational Score is Higher			
^{1 2} Canada	547 (3.7)	543 (3.6)	3 (1.7)					
Chinese Taipei	551 (2.3)	570 (2.7)	-20 (2.3)					
≡ Denmark	560 (2.9)	548 (3.5)	12 (2.3)					
¹ Georgia	485 (3.2)	496 (3.3)	-11 (2.9)					
Ireland	572 (2.8)	568 (3.5)	5 (1.7)					
³ Israel	542 (2.5)	534 (2.8)	7 (1.5)					
Italy	534 (2.6)	551 (2.7)	-18 (2.8)					
Norway (5)	576 (2.6)	570 (3.0)	7 (1.7)					
² Portugal	524 (2.6)	527 (2.9)	-4 (1.6)		-			
³ Singapore	599 (3.2)	586 (3.6)	13 (1.4)					
Slovenia	532 (2.5)	552 (2.6)	-20 (2.3)					
Sweden	567 (2.6)	562 (3.1)	4 (2.2)					
United Arab Emirates	483 (3.4)	475 (4.0)	8 (1.6)					
[†] United States	560 (2.8)	547 (3.0)	12 (1.5)					
International Avg.	545 (0.8)	545 (0.9)	0 (0.5)					

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Abu Dhabi, UAE	451 (6.6)	443 (7.4)	8 (2.3)							
Dubai, UAE	534 (2.7)	530 (3.6)	4 (2.2)							
				30	20	10	0	10	20	30

Boys Country	ePIRLS Online Informational Average Scale Score	PIRLS Informational Average Scale Score								
			Difference		ePIRLS Online Informational Score is Higher			PIRLS Info Score is	rmationa Higher	ıl
^{1 2} Canada	539 (3.7)	537 (3.8)	2 (2.2)							
Chinese Taipei	541 (2.2)	568 (2.3)	-27 (1.5)							
≡ Denmark	556 (2.9)	539 (3.0)	17 (2.4)							
¹ Georgia	469 (3.8)	478 (4.3)	-9 (3.1)				-			
Ireland	561 (3.4)	560 (3.8)	1 (1.9)				1			
3 Israel	530 (3.1)	526 (3.4)	5 (2.3)							
Italy	531 (2.4)	547 (2.8)	-16 (1.7)							
Norway (5)	558 (2.9)	549 (2.9)	9 (2.7)							
² Portugal	521 (2.6)	529 (2.7)	-8 (1.7)							
³ Singapore	578 (3.3)	572 (3.7)	6 (1.7)			1				
Slovenia	518 (2.5)	537 (2.7)	-19 (1.6)							
Sweden	552 (2.7)	547 (2.9)	5 (1.6)							
United Arab Emirates	454 (4.1)	446 (4.8)	8 (2.0)							
† United States	554 (3.1)	540 (3.6)	14 (1.9)							
International Avg.	533 (0.8)	534 (0.9)	-1 (0.6)				1			
enchmarking Participants										
Abu Dhabi, UAE	414 (6.5)	403 (7.3)	11 (4.2)					i i i		
Dubai, UAE	522 (2.8)	519 (3.0)	3 (1.7)							
				30	20	10	0	10	20	
					Differenc	e statist	ically sig	nificant		
					Differenc	e not sta	atisticall	y significa	nt	

See Appendix B.1 for target population coverage notes 1, 2, and 3. See Appendix B.4 for sampling guidelines and sampling participation notes †, ‡, and \equiv . () Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

