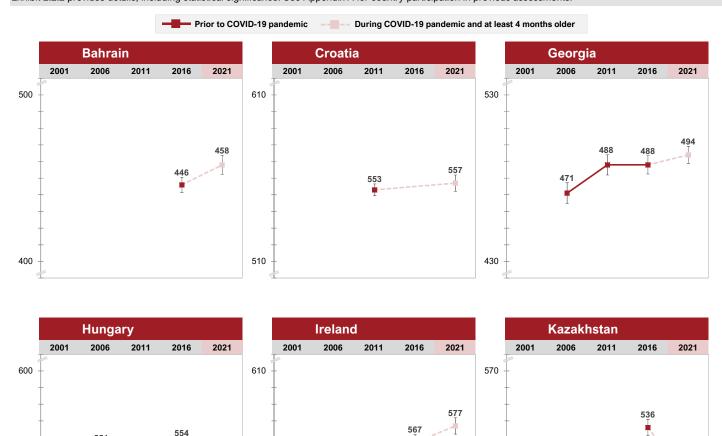
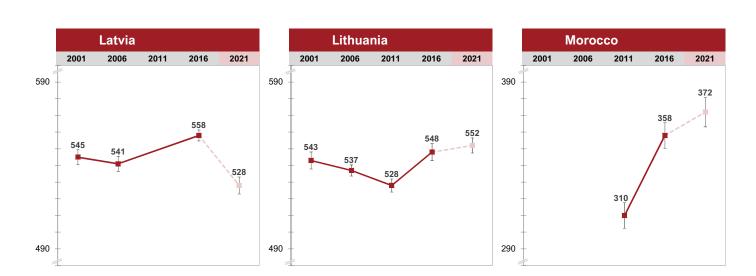
### **Exhibit 2.2.1: Trend Plots of Average Reading Achievement**

### Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade



This exhibit displays changes in achievement for the countries and benchmarking participants that assessed the fourth grade cohort at the beginning of the fifth grade school year and have data from previous PIRLS assessments. Students in previous assessments were assessed at the end of the fourth year of schooling. Exhibit 2.2.2 provides details, including statistical significance. See Appendix A for country participation in previous assessments.





470

See Appendix A for country participation in previous PIRLS assessments.

The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement.

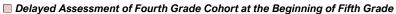
510

I The black bars represent the 95% confidence interval.

500



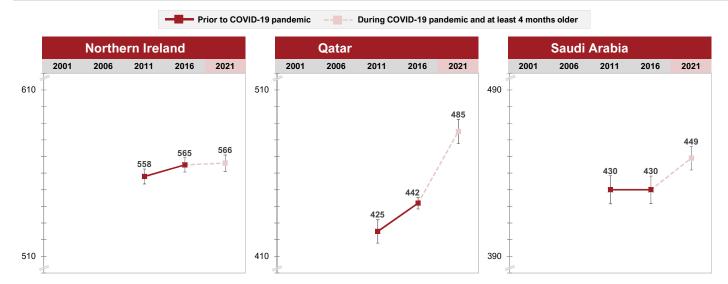
### **Exhibit 2.2.1: Trend Plots of Average Reading Achievement**

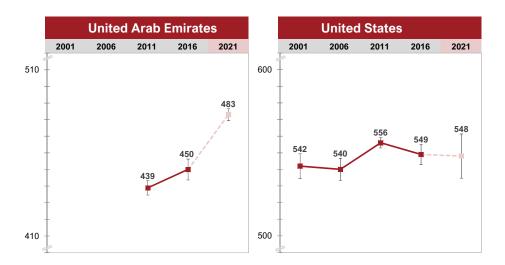




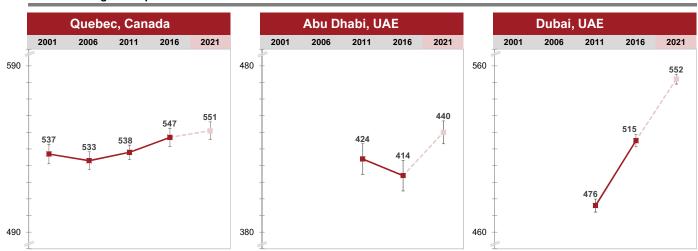
(Continued)

This exhibit displays changes in achievement for the countries and benchmarking participants that assessed the fourth grade cohort at the beginning of the fifth grade school year and have data from previous PIRLS assessments. Students in previous assessments were assessed at the end of the fourth year of schooling. Exhibit 2.2.2 provides details, including statistical significance. See Appendix A for country participation in previous assessments.





## **Benchmarking Participants**



See Appendix A for country participation in previous PIRLS assessments.

The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement.



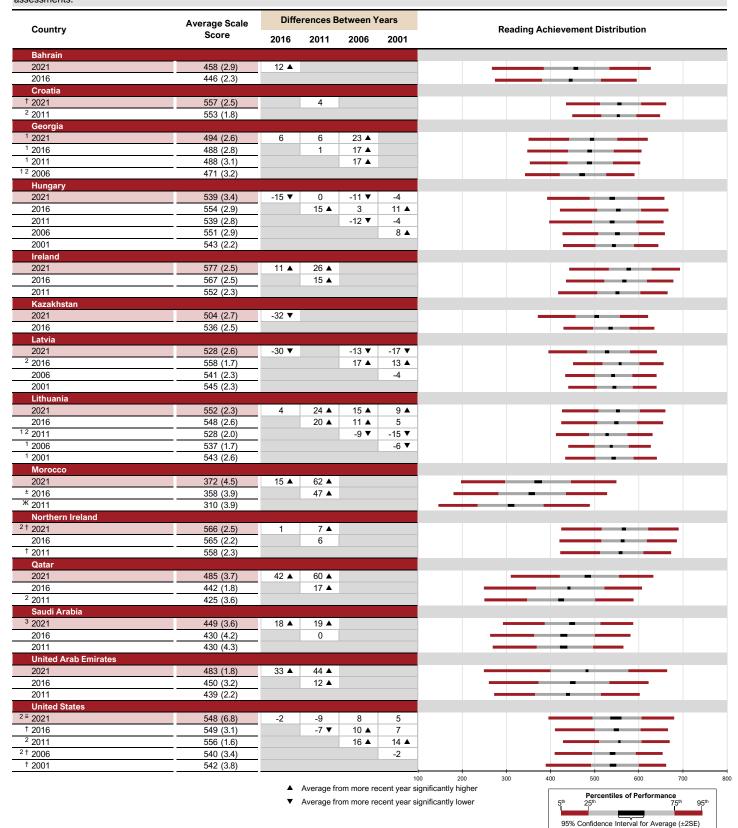
I The black bars represent the 95% confidence interval.

### Exhibit 2.2.2: Differences in Average Reading Achievement Across Assessment Years





This exhibit reports differences in achievement across assessment years for the countries and benchmarking participants that assessed the fourth grade cohort at the beginning of the fifth grade school year and have data from previous PIRLS assessments. Read across the row to determine if the difference in performance between years is statistically significant. Symbols indicate if the row year is significantly higher (A) or significantly lower (V) than the performance in the column year. Students in previous assessments were assessed at the end of the fourth year of schooling. See Appendix A for country participation in previous PIRLS assessments.



See Appendix A for country participation in previous PIRLS assessments.



<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

See Appendix A.2 for population coverage notes 1, 2, and 3. See Appendix A.5 for sampling guidelines and sampling participation notes †, ‡, and ≡.

Ж Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 25%.

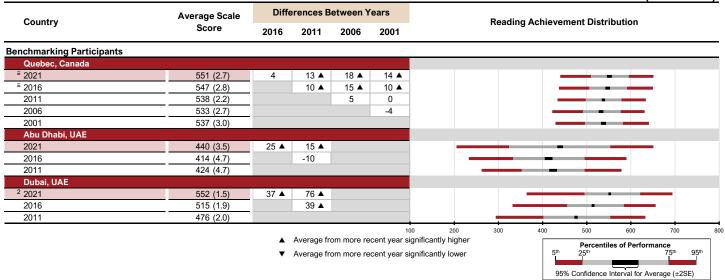
<sup>±</sup> Participated in both regular and Literacy versions of PIRLS 2016.

# Exhibit 2.2.2: Differences in Average Reading Achievement Across Assessment Years

■ Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade



(Continued)



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