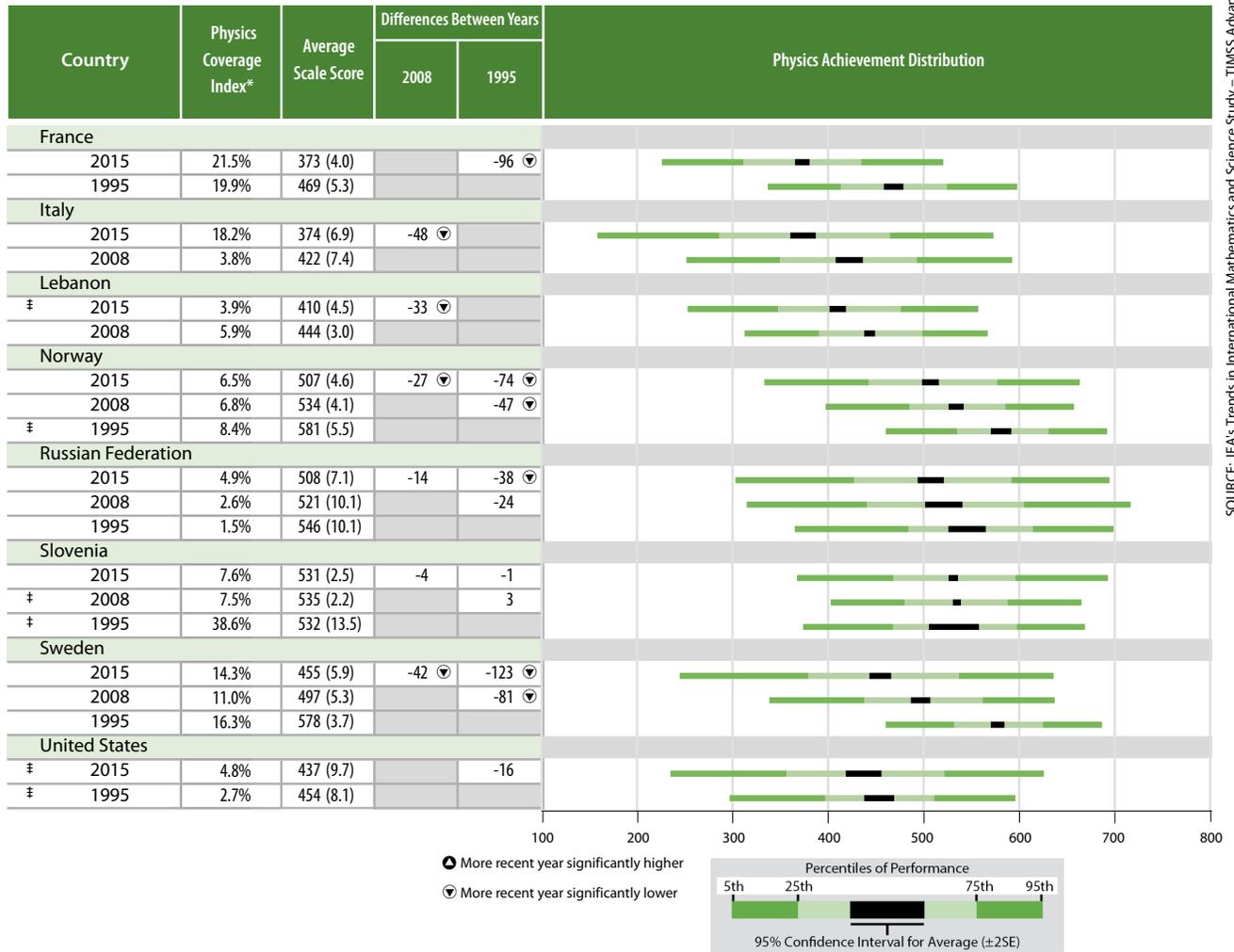


**Exhibit P1.4: Differences in Physics Achievement Across Assessment Years**

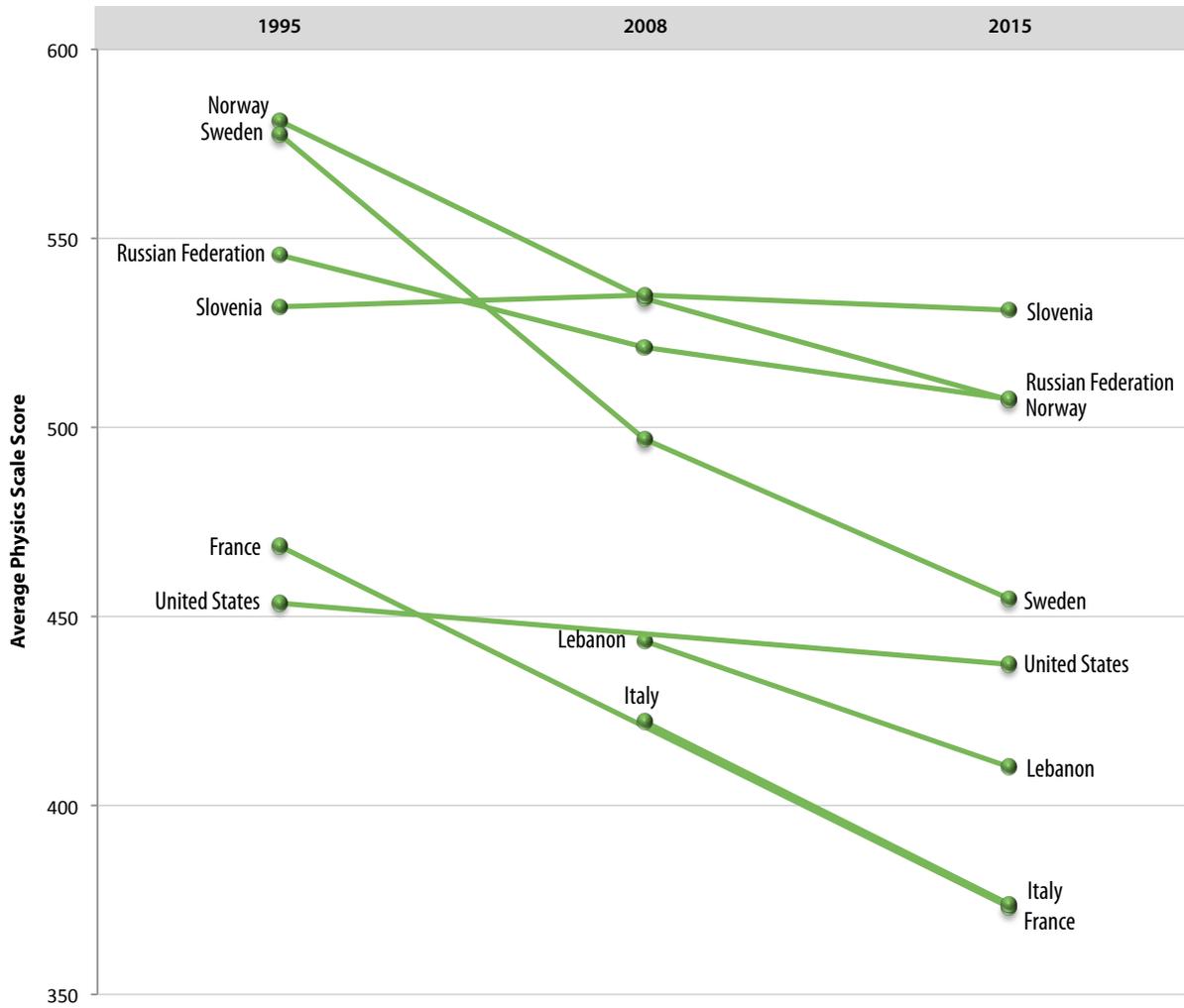
Instructions: Read across the row to determine if the performance in the row year is significantly higher (⬆) or significantly lower (⬇) than the performance in the column year.



SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS Advanced 2015

\* See Appendix PC.2 for a description of the Physics Coverage Index.  
See Appendix PC.5 for sampling guidelines and sampling participation notes †, ‡, and §.  
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

**Exhibit P1.4: Differences in Physics Achievement Across Assessment Years  
(Continued)**



SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS Advanced 2015

The United States adjusted the 1995 sample to correspond with the course-taking definitions used in 2015, and the 1995 results were recomputed.