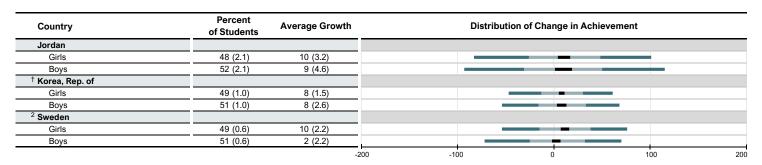
## Exhibit 2.2.2a: Average Growth in Science Achievement for Girls and Boys



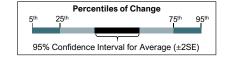


Students' gender information was obtained from school tracking data.

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

See Appendix A.2 for population coverage notes 1 and 2.

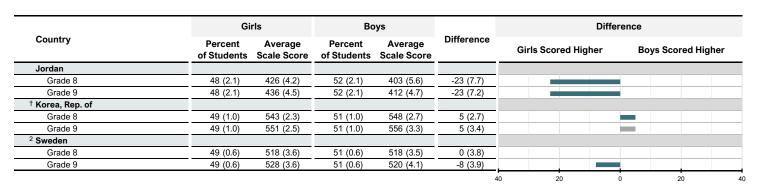
See Appendix A.5 for sampling guidelines and sampling participation note †.



 $SOURCE: IEA's \ Trends in International \ Mathematics and \ Science \ Study - TIMSS \ 2023 \ Longitudinal \ Downloaded \ from: https://timss2023.org/longitudinal/results$ 







Students' gender information was obtained from school tracking data.

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent. See Appendix A.2 for population coverage notes 1 and 2.

See Appendix A.5 for sampling guidelines and sampling participation note  $\ensuremath{\uparrow}.$ 

Difference statistically significant (p < 0.05)

Difference not statistically significant

