## APPENDIX B

Multiple Comparisons
of Average Achievement in Science Content Areas

Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


```
Average achievement significantly higher than comparison country
- No statistically significant difference from comparison country
Average achievement significantly lower than comparison country
```

[^0]Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


Average achievement significantly higher than comparison country<br>- No statistically significant difference from comparison country<br>Average achievement significantly lower than comparison country

[^1]Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


Average achievement significantly higher than comparison country

- No statistically significant difference from comparison country

Average achievement significantly lower than comparison country

Significance tests adjusted for multiple comparisons

Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


Average achievement significantly higher than comparison country

- No statistically significant difference from comparison country
- Average achievement significantly lower than comparison country

Significance tests adjusted for multiple comparisons

Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


Average achievement significantly higher than comparison country

- No statistically significant difference from comparison country

Average achievement significantly lower than comparison country

[^2]Instructions: Read across the row for a country to compare performance with the countries listed along the top of the chart. The symbols indicate whether the average achievement of the country in the row is significantly lower than that of the comparison country, significantly higher than that of the comparison country, or if there is no statistically significant difference between the average achievement of the two countries.


Average achievement significantly higher than comparison country

- No statistically significant difference from comparison country

Average achievement significantly lower than comparison country

[^3]


[^0]:    Significance tests adjusted for multiple comparisons

[^1]:    Significance tests adjusted for multiple comparisons

[^2]:    Significance tests adjusted for multiple comparisons

[^3]:    Significance tests adjusted for multiple comparisons

