APPENDIX 15: SUBSCALE SCORE SUMMARY STATISTICS

GRADE 4 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry, Technology, and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

GRADE 8 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

GRADE 10 SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Inquiry, Technology, Society, and Nature of Science	1
Concepts of Physical Science	2
Concepts of Life Science	3
Concepts of Earth Science	4

Table 15–1. Grade 4 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	9281	9281	9281	9281
Mean	301.76	295.65	297.24	309.30
Std. Error of Mean	0.81	0.84	0.88	0.85
Std. Deviation	77.94	81.19	84.31	81.67
Minimum	100	100	100	100
Maximum	531	440	466	469

Table 15–2. Grade 8 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8939	8939	8939	8939
Mean	314.43	304.41	313.68	318.69
Std. Error of Mean	0.91	0.82	0.89	0.89
Std. Deviation	86.31	77.95	83.79	83.90
Minimum	100	100	100	100
Maximum	537	529	538	538

Table 15–3. Grade 10 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8435	8435	8435	8435
Mean	329.23	321.54	328.27	328.29
Std. Error of Mean	1.01	0.80	1.00	0.87
Std. Deviation	92.43	73.20	91.81	79.68
Minimum	100	100	100	100
Maximum	580	600	557	594