

APPENDIX 19: 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 19–1. Grade 4 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	9506	9506	9506	9506
Mean	302.72	306.95	305.67	303.94
Std. Error of Mean	0.80	1.01	0.88	0.86
Std. Deviation	78.46	98.21	86.12	83.64
Minimum	100	100	100	100
Maximum	532	447	452	450

Table 19–2. Grade 8 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8994	8994	8994	8994
Mean	319.78	325.57	321.80	320.29
Std. Error of Mean	0.90	1.09	0.95	0.93
Std. Deviation	84.95	103.46	90.19	88.63
Minimum	100	100	100	100
Maximum	600	600	534	537

Table 19–3. Grade 10 Subscale Score Summary Statistics

	1	2	3	4
Number Tested	8368	8368	8368	8368
Mean	335.29	329.11	333.34	328.68
Std. Error of Mean	1.09	0.90	1.09	0.94
Std. Deviation	99.51	82.46	99.89	86.14
Minimum	100	100	100	100
Maximum	600	600	596	600