

APPENDIX 20: SUBSCALE SCORE SUMMARY STATISTICS

MATHEMATICS SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Numeration	01
Measurement	02
Estimation & Computation	03
Functions & Relationships	04
Geometry	05
Statistics/Probability	06

READING SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Word Identification Skills	01
Forming a General Understanding	02
Analysis of Content/Structure	03

WRITING SUBSCALE REPORTING CATEGORIES

Subscale	Reporting Category
Write Using a Variety of Forms	01
Structures and Conventions	02
Revise	03

GRADE 3

Table 20–1. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9721	9721	9721	9721	9721	9721
Mean	348.58	358.69	353.16	357.47	351.71	371.24
Std. Error of Mean	0.89	0.91	0.97	0.92	0.88	1.09
Std. Deviation	87.91	89.34	95.90	90.97	86.58	107.10
Minimum	100	100	100	100	100	100
Maximum	573	476	568	529	511	511

Table 20–2. Reading Subscale Score Summary Statistics

	01	02	03
N	9694	9694	9694
Mean	376.42	367.76	371.03
Std. Error of Mean	0.95	0.87	0.93
Std. Deviation	93.20	86.03	91.25
Minimum	100	100	100
Maximum	554	592	572

Table 20–3. Writing Subscale Score Summary Statistics

	01	02	03
N	9696	9696	9696
Mean	357.16	363.91	368.60
Std. Error of Mean	0.84	0.90	1.04
Std. Deviation	82.91	88.31	102.65
Minimum	100	100	118
Maximum	600	584	532

GRADE 4

Table 20–4. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9532	9532	9532	9532	9532	9532
Mean	373.66	357.03	356.75	339.96	353.34	350.78
Std. Error of Mean	1.05	0.95	1.11	0.98	0.90	0.92
Std. Deviation	102.75	93.23	108.42	95.20	88.30	89.86
Minimum	100	100	100	100	100	100
Maximum	550	530	543	531	540	546

Table 20–5. Reading Subscale Score Summary Statistics

	01	02	03
N	9529	9529	9529
Mean	374.59	365.23	373.34
Std. Error of Mean	1.01	0.85	0.93
Std. Deviation	98.27	82.99	90.64
Minimum	100	100	100
Maximum	554	600	600

Table 20–6. Writing Subscale Score Summary Statistics

	01	02	03
N	9516	9516	9516
Mean	366.38	364.66	372.21
Std. Error of Mean	0.91	0.90	0.98
Std. Deviation	88.96	87.32	95.67
Minimum	100	100	100
Maximum	600	600	600

GRADE 5

Table 20–7. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9266	9266	9266	9266	9266	9266
Mean	346.51	345.58	345.59	345.01	360.56	345.99
Std. Error of Mean	0.98	0.97	1.00	0.97	1.03	0.96
Std. Deviation	94.35	93.11	96.43	93.39	99.01	92.35
Minimum	100	100	100	100	108	100
Maximum	524	519	542	498	593	461

Table 20–8. Reading Subscale Score Summary Statistics

	01	02	03
N	9251	9251	9251
Mean	375.44	365.64	371.05
Std. Error of Mean	0.91	0.89	0.91
Std. Deviation	87.60	85.23	87.62
Minimum	100	100	100
Maximum	572	600	600

Table 20–9. Writing Subscale Score Summary Statistics

	01	02	03
N	9265	9265	9265
Mean	362.40	360.97	362.14
Std. Error of Mean	0.89	0.97	1.01
Std. Deviation	85.24	93.52	96.92
Minimum	100	100	100
Maximum	600	555	556

GRADE 6

Table 20–10. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9217	9217	9217	9217	9217	9217
Mean	347.49	346.60	340.91	348.25	353.27	353.86
Std. Error of Mean	1.04	0.96	0.97	1.00	0.97	1.01
Std. Deviation	100.32	92.61	93.05	95.87	93.06	96.71
Minimum	100	100	100	100	100	100
Maximum	562	528	505	508	529	553

Table 20–11. Reading Subscale Score Summary Statistics

	01	02	03
N	9231	9231	9231
Mean	361.87	361.37	367.65
Std. Error of Mean	0.92	0.90	0.94
Std. Deviation	88.63	86.12	89.97
Minimum	100	100	100
Maximum	559	600	600

Table 20–12. Writing Subscale Score Summary Statistics

	01	02	03
N	9229	9229	9229
Mean	354.02	356.68	355.58
Std. Error of Mean	0.88	1.00	1.05
Std. Deviation	84.08	96.13	101.01
Minimum	100	100	100
Maximum	600	600	593

GRADE 7

Table 20–13. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9274	9274	9274	9274	9274	9274
Mean	329.67	337.59	338.32	337.62	351.27	340.38
Std. Error of Mean	1.00	0.87	1.09	0.94	0.99	0.99
Std. Deviation	96.68	83.92	105.42	90.49	95.19	94.95
Minimum	100	100	100	100	100	100
Maximum	571	530	488	595	550	521

Table 20–14. Reading Subscale Score Summary Statistics

	01	02	03
N	9279	9279	9279
Mean	368.22	369.57	369.21
Std. Error of Mean	1.03	0.84	0.92
Std. Deviation	99.13	80.90	88.25
Minimum	100	100	100
Maximum	578	600	599

Table 20–15. Writing Subscale Score Summary Statistics

	01	02	03
N	9275	9275	9275
Mean	354.52	351.19	354.75
Std. Error of Mean	0.87	0.90	0.91
Std. Deviation	83.90	87.15	87.91
Minimum	100	100	100
Maximum	600	583	554

GRADE 8

Table 20–16. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9334	9334	9334	9334	9334	9334
Mean	332.42	336.49	332.67	336.36	341.19	344.88
Std. Error of Mean	0.91	0.97	1.05	0.99	0.99	0.92
Std. Deviation	88.11	93.75	101.17	96.07	95.71	89.01
Minimum	100	100	100	100	100	100
Maximum	523	467	526	514	565	535

Table 20–17. Reading Subscale Score Summary Statistics

	01	02	03
N	9337	9337	9337
Mean	372.35	367.32	375.47
Std. Error of Mean	0.96	0.83	0.84
Std. Deviation	93.11	80.23	81.01
Minimum	100	100	100
Maximum	582	600	600

Table 20–18. Writing Subscale Score Summary Statistics

	01	02	03
N	9317	9317	9317
Mean	362.07	353.97	360.80
Std. Error of Mean	0.88	0.93	0.94
Std. Deviation	84.96	90.11	90.59
Minimum	100	100	100
Maximum	600	587	563

GRADE 9

Table 20–19. Mathematics Subscale Score Summary Statistics

	01	02	03	04	05	06
N	9591	9591	9591	9591	9591	9591
Mean	328.79	318.77	322.98	321.16	325.96	330.85
Std. Error of Mean	1.00	0.99	0.96	0.91	0.91	0.92
Std. Deviation	97.76	96.47	93.88	89.04	89.45	89.90
Minimum	100	100	100	100	100	100
Maximum	491	504	477	544	525	600

Table 20–20. Reading Subscale Score Summary Statistics

	01	02	03
N	9635	9635	9635
Mean	368.34	360.52	366.53
Std. Error of Mean	0.96	0.83	0.82
Std. Deviation	93.88	81.57	80.17
Minimum	100	100	100
Maximum	543	600	588

Table 20–21. Writing Subscale Score Summary Statistics

	01	02	03
N	9606	9606	9606
Mean	354.46	354.88	347.13
Std. Error of Mean	0.82	0.93	0.83
Std. Deviation	80.67	90.86	81.64
Minimum	100	100	100
Maximum	600	536	600

GRADE 10

Table 20–22. Mathematics Subscale Score Summary Statistics

	01 & 03	02 & 05	04	06
N	9124	9124	9124	9124
Mean	332.15	333.33	336.70	336.23
Std. Error of Mean	0.82	0.92	0.94	0.92
Std. Deviation	78.12	88.22	89.75	87.66
Minimum	100	100	100	100
Maximum	459	584	545	482

Table 20–23. Reading Subscale Score Summary Statistics

	01	02	03
N	9080	9080	9080
Mean	384.39	371.33	371.86
Std. Error of Mean	1.11	0.77	0.88
Std. Deviation	105.31	73.80	84.10
Minimum	100	100	100
Maximum	583	600	600

Table 20–24. Writing Subscale Score Summary Statistics

	01	02	03
N	9158	9158	9158
Mean	349.25	361.88	369.46
Std. Error of Mean	0.83	0.90	1.00
Std. Deviation	79.07	85.70	95.80
Minimum	100	100	100
Maximum	600	600	560