

4. THE 2005 MSA-READING STATISTICAL SUMMARY

Table 4.1 The 2005 MSA-Reading Classical Descriptive Statistics: Grades 3 through 8

Grade	Form	No. of Items	<i>N</i>	<i>M</i>	<i>SD</i>	Reliability	<i>SEM</i>
3	A	37	27,284	28.18	7.85	0.89	2.60
	B	37	27,620	29.33	7.60	0.88	2.63
4	A	37	27,790	30.69	6.86	0.88	2.38
	B	37	28,017	31.06	6.24	0.86	2.33
5	A	37	28,432	29.31	7.28	0.88	2.52
	B	37	28,806	30.45	7.06	0.87	2.55
6	A	37	29,282	29.15	7.60	0.89	2.52
	B	37	29,417	28.48	7.57	0.89	2.51
7	A	37	30,423	28.27	7.98	0.90	2.52
	B	37	30,435	28.10	7.99	0.90	2.53
8	A	37	30,685	29.09	7.50	0.87	2.70
	B	37	30,903	29.11	7.85	0.88	2.72

Table 4.2 The 2005 MSA-Reading Scale Score Descriptive Statistics: Grades 3 through 8

Grade	Form	N	M	SD	P10	Q1	Mdn	Q3	P90	IQR	SEM at Cut-Points	
											Prof.	Adv.
3	A	28,902	418.0	39.8	367	389	418	444	465	55	11	15
	B	28,993	418.4	38.5	371	393	417	443	464	50	11	16
	Overall	57,895	418.2	39.1	370	389	417	444	465	55	N/A	N/A
4	A	29,768	405.4	39.1	355	380	409	434	452	54	12	17
	B	29,836	405.7	39.4	358	380	407	427	455	47	13	18
	Overall	59,604	405.5	39.3	355	380	407	434	455	54	N/A	N/A
5	A	32,436	406.8	38.7	361	381	405	429	457	48	11	14
	B	32,380	407.6	37.1	361	384	409	430	458	46	11	14
	Overall	64,816	407.2	37.9	361	381	405	430	457	49	N/A	N/A
6	A	32,974	400.6	39.5	354	376	403	429	451	53	11	13
	B	32,599	402.1	38.8	354	376	404	429	449	53	11	13
	Overall	65,573	401.4	39.2	354	376	403	429	449	53	N/A	N/A
7	A	34,118	401.6	42.3	350	377	405	430	450	53	11	14
	B	33,718	402.0	41.4	351	378	401	430	450	52	11	13
	Overall	67,836	401.8	41.9	351	377	401	430	450	53	N/A	N/A
8	A	34,428	401.1	34.8	361	381	402	422	438	41	10	12
	B	34,115	402.1	36.5	361	381	402	427	444	46	10	12
	Overall	68,543	401.6	35.6	361	381	402	422	444	41	N/A	N/A

Table 4.3 The 2005 MSA-Reading Strand Correlations: Grade 3

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	27,284	1.00		
2. Literary Reading	27,284	0.68	1.00	
3. Information Reading	27,284	0.69	0.72	1.00
Form B				
1. General Reading	27,620	1.00		
2. Literary Reading	27,620	0.67	1.00	
3. Information Reading	27,620	0.68	0.70	1.00

Table 4.4 The 2005 MSA-Reading Strand Correlations: Grade 4

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	27,790	1.00		
2. Literary Reading	27,790	0.66	1.00	
3. Information Reading	27,790	0.65	0.66	1.00
Form B				
1. General Reading	28,017	1.00		
2. Literary Reading	28,017	0.63	1.00	
3. Information Reading	28,017	0.66	0.64	1.00

Table 4.5 The 2005 MSA-Reading Strand Correlations: Grade 5

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	28,432	1.00		
2. Literary Reading	28,432	0.68	1.00	
3. Information Reading	28,432	0.65	0.68	1.00
Form B				
1. General Reading	28,806	1.00		
2. Literary Reading	28,806	0.67	1.00	
3. Information Reading	28,806	0.63	0.66	1.00

Table 4.6 The 2005 MSA-Reading Strand Correlations: Grade 6

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	29,282	1.00		
2. Literary Reading	29,282	0.72	1.00	
3. Information Reading	29,282	0.71	0.69	1.00
Form B				
1. General Reading	29,417	1.00		
2. Literary Reading	29,417	0.71	1.00	
3. Information Reading	29,417	0.70	0.68	1.00

Table 4.7 The 2005 MSA-Reading Strand Correlations: Grade 7

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	30,423	1.00		
2. Literary Reading	30,423	0.73	1.00	
3. Information Reading	30,423	0.70	0.73	1.00
Form B				
1. General Reading	30,435	1.00		
2. Literary Reading	30,435	0.72	1.00	
3. Information Reading	30,435	0.69	0.72	1.00

Table 4.8 The 2005 MSA-Reading Strand Correlations: Grade 8

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	30,685	1.00		
2. Literary Reading	30,685	0.66	1.00	
3. Information Reading	30,685	0.64	0.66	1.00
Form B				
1. General Reading	30,903	1.00		
2. Literary Reading	30,903	0.64	1.00	
3. Information Reading	30,903	0.68	0.68	1.00

Table 4.9 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 3

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.92	0.03	0.05	0.88
	<i>BP : A</i>	0.93	0.04	0.02	0.90
B	<i>B : PA</i>	0.92	0.04	0.05	0.88
	<i>BP : A</i>	0.93	0.04	0.02	0.90

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.10 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 4

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.93	0.03	0.04	0.89
	<i>BP : A</i>	0.91	0.05	0.03	0.88
B	<i>B : PA</i>	0.92	0.03	0.05	0.89
	<i>BP : A</i>	0.91	0.06	0.03	0.87

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.11 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 5

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.91	0.04	0.05	0.87
	<i>BP : A</i>	0.90	0.06	0.05	0.86
B	<i>B : PA</i>	0.90	0.04	0.05	0.86
	<i>BP : A</i>	0.89	0.06	0.05	0.85

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.12 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 6

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.91	0.04	0.05	0.88
	<i>BP : A</i>	0.90	0.06	0.05	0.85
B	<i>B : PA</i>	0.91	0.04	0.05	0.88
	<i>BP : A</i>	0.90	0.05	0.05	0.86

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.13 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 7

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.91	0.04	0.05	0.87
	<i>BP : A</i>	0.89	0.05	0.06	0.84
B	<i>B : PA</i>	0.91	0.04	0.05	0.87
	<i>BP : A</i>	0.89	0.06	0.05	0.85

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.14 The 2005 MSA-Reading Decision Accuracy and Consistency Indices: Grade 8

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.92	0.03	0.05	0.88
	<i>BP : A</i>	0.84	0.07	0.09	0.78
B	<i>B : PA</i>	0.92	0.03	0.05	0.88
	<i>BP : A</i>	0.85	0.07	0.08	0.79

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.15 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 3 Form A

Raw Score	Form A			
	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	46	240 ^a	274
1	251	33	240 ^a	284
2	275	24	251	299
3	290	20	270	310
4	301	18	283	319
5	310	16	294	326
6	317	15	302	332
7	324	14	310	338
8	330	14	316	344
9	336	13	323	349
10	341	13	328	354
11	346	12	334	358
12	350	12	338	362
13	354	12	342	366
14	359	12	347	371
15	363	11	352	374
16	367	11	356	378
17	370	11	359	381
18	374	11	363	385
19	378	11	367	389
20	382	11	371	393
21	386	11	375	397
22	389	11	378	400
23	393	11	382	404
24	397	11	386	408
25	401	11	390	412
26	405	12	393	417
27	409	12	397	421
28	414	12	402	426
29	418	12	406	430
30	423	12	411	435
31	428	13	415	441
32	433	13	420	446
33	438	14	424	452
34	444	14	430	458
35	450	15	435	465
36	457	15	442	472
37	465	16	449	481
38	474	17	457	491
39	484	19	465	503
40	495	20	475	515
41	510	23	487	533
42	528	26	502	554
43	552	31	521	583
44	588	39	549	627
45	618	51	567	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.16 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 3 Form B

Form B				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	47	240 ^a	265
1	242	33	240 ^a	275
2	267	24	243	291
3	282	20	262	302
4	293	18	275	311
5	303	17	286	320
6	311	16	295	327
7	318	15	303	333
8	324	14	310	338
9	330	14	316	344
10	335	13	322	348
11	340	13	327	353
12	345	12	333	357
13	350	12	338	362
14	354	12	342	366
15	358	12	346	370
16	363	11	352	374
17	367	11	356	378
18	371	11	360	382
19	374	11	363	385
20	378	11	367	389
21	382	11	371	393
22	386	11	375	397
23	389	11	378	400
24	393	11	382	404
25	397	11	386	408
26	401	11	390	412
27	405	11	394	416
28	409	12	397	421
29	413	12	401	425
30	417	12	405	429
31	422	12	410	434
32	427	13	414	440
33	432	13	419	445
34	437	13	424	450
35	443	14	429	457
36	449	15	434	464
37	456	16	440	472
38	464	17	447	481
39	473	18	455	491
40	484	20	464	504
41	497	22	475	519
42	514	25	489	539
43	536	29	507	565
44	568	37	531	605
45	595	49	546	644

Note. ^aLOSS was set to 240.

Table 4.17 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 4 Form A

Form A				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	49	240 ^a	240 ^a
1	240 ^a	36	240 ^a	245
2	240 ^a	26	240 ^a	263
3	255	22	240 ^a	277
4	267	19	248	286
5	277	17	260	294
6	286	16	270	302
7	293	15	278	308
8	300	14	286	314
9	306	14	292	320
10	311	13	298	324
11	316	13	303	329
12	321	12	309	333
13	326	12	314	338
14	330	12	318	342
15	335	12	323	347
16	339	12	327	351
17	343	12	331	355
18	347	12	335	359
19	351	11	340	362
20	355	11	344	366
21	359	11	348	370
22	363	11	352	374
23	367	12	355	379
24	371	12	359	383
25	376	12	364	388
26	380	12	368	392
27	384	12	372	396
28	389	12	377	401
29	393	12	381	405
30	398	13	385	411
31	403	13	390	416
32	409	13	396	422
33	414	14	400	428
34	420	14	406	434
35	427	15	412	442
36	434	16	418	450
37	442	17	425	459
38	452	18	434	470
39	462	20	442	482
40	475	21	454	496
41	490	23	467	513
42	509	26	483	535
43	531	29	502	560
44	563	37	526	600
45	590	49	541	639

Note. ^aLOSS was set to 240.

Table 4.18 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 4 Form B

Raw Score	Scale Score (SS)	Form B		
		Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	48	240 ^a	240 ^a
1	240 ^a	35	240 ^a	240 ^a
2	240 ^a	26	240 ^a	255
3	246	22	240 ^a	268
4	258	19	240 ^a	277
5	268	17	251	285
6	277	16	261	293
7	284	15	269	299
8	291	14	277	305
9	297	14	283	311
10	303	13	290	316
11	308	13	295	321
12	313	13	300	326
13	318	13	305	331
14	323	12	311	335
15	327	12	315	339
16	332	12	320	344
17	336	12	324	348
18	340	12	328	352
19	345	12	333	357
20	349	12	337	361
21	353	12	341	365
22	358	12	346	370
23	362	12	350	374
24	366	12	354	378
25	371	12	359	383
26	375	12	363	387
27	380	13	367	393
28	385	13	372	398
29	390	13	377	403
30	395	13	382	408
31	401	14	387	415
32	407	14	393	421
33	413	15	398	428
34	420	15	405	435
35	427	16	411	443
36	435	17	418	452
37	444	18	426	462
38	455	19	436	474
39	468	21	447	489
40	483	24	459	507
41	502	26	476	528
42	524	28	496	552
43	550	30	520	580
44	583	37	546	620
45	610	49	561	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.19 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 5 Form A

Form A				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	48	240 ^a	249
1	240 ^a	35	240 ^a	260
2	252	26	240 ^a	278
3	268	22	246	290
4	281	19	262	300
5	291	17	274	308
6	299	16	283	315
7	307	15	292	322
8	314	15	299	329
9	320	14	306	334
10	325	13	312	338
11	331	13	318	344
12	335	13	322	348
13	340	12	328	352
14	345	12	333	357
15	349	12	337	361
16	353	12	341	365
17	357	12	345	369
18	361	11	350	372
19	365	11	354	376
20	369	11	358	380
21	373	11	362	384
22	377	11	366	388
23	381	11	370	392
24	385	11	374	396
25	388	11	377	399
26	392	11	381	403
27	396	12	384	408
28	400	12	388	412
29	405	12	393	417
30	409	12	397	421
31	414	12	402	426
32	419	13	406	432
33	424	13	411	437
34	429	14	415	443
35	435	14	421	449
36	442	15	427	457
37	449	16	433	465
38	457	17	440	474
39	466	18	448	484
40	477	20	457	497
41	490	22	468	512
42	507	24	483	531
43	527	28	499	555
44	557	36	521	593
45	583	49	534	632

Note. ^aLOSS was set to 240.

Table 4.20 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 5 Form B

Raw Score	Form B			
	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	47	240 ^a	253
1	240 ^a	34	240 ^a	264
2	255	25	240 ^a	280
3	270	21	249	291
4	281	18	263	299
5	291	17	274	308
6	298	15	283	313
7	305	15	290	320
8	311	14	297	325
9	317	13	304	330
10	322	13	309	335
11	327	13	314	340
12	332	12	320	344
13	336	12	324	348
14	341	12	329	353
15	345	12	333	357
16	349	12	337	361
17	353	11	342	364
18	357	11	346	368
19	361	11	350	372
20	365	11	354	376
21	368	11	357	379
22	372	11	361	383
23	376	11	365	387
24	380	11	369	391
25	384	11	373	395
26	388	11	377	399
27	392	12	380	404
28	396	12	384	408
29	400	12	388	412
30	405	12	393	417
31	409	12	397	421
32	414	13	401	427
33	419	13	406	432
34	424	13	411	437
35	430	14	416	444
36	436	14	422	450
37	442	15	427	457
38	450	16	434	466
39	458	17	441	475
40	467	18	449	485
41	478	20	458	498
42	492	23	469	515
43	510	27	483	537
44	538	36	502	574
45	564	49	515	613

Note. ^aLOSS was set to 240.

Table 4.21 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 6 Form A

<u>Form A</u>				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	262
1	240	31	240 ^a	271
2	263	23	240	286
3	278	19	259	297
4	288	17	271	305
5	297	15	282	312
6	304	14	290	318
7	310	14	296	324
8	316	13	303	329
9	321	12	309	333
10	326	12	314	338
11	330	12	318	342
12	335	11	324	346
13	339	11	328	350
14	343	11	332	354
15	347	11	336	358
16	351	11	340	362
17	354	11	343	365
18	358	11	347	369
19	362	10	352	372
20	365	10	355	375
21	369	10	359	379
22	372	10	362	382
23	376	11	365	387
24	380	11	369	391
25	383	11	372	394
26	387	11	376	398
27	391	11	380	402
28	395	11	384	406
29	399	11	388	410
30	403	12	391	415
31	408	12	396	420
32	412	12	400	424
33	417	13	404	430
34	423	13	410	436
35	429	14	415	443
36	435	15	420	450
37	443	16	427	459
38	451	17	434	468
39	462	19	443	481
40	475	21	454	496
41	492	24	468	516
42	514	27	487	541
43	541	30	511	571
44	577	37	540	614
45	605	48	557	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.22 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 6 Form B

Raw Score	Form B			
	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	268
1	246	31	240 ^a	277
2	268	22	246	290
3	282	19	263	301
4	292	17	275	309
5	300	15	285	315
6	307	14	293	321
7	313	13	300	326
8	319	13	306	332
9	324	12	312	336
10	329	12	317	341
11	333	12	321	345
12	338	11	327	349
13	342	11	331	353
14	346	11	335	357
15	350	11	339	361
16	354	11	343	365
17	357	11	346	368
18	361	11	350	372
19	365	11	354	376
20	368	11	357	379
21	372	11	361	383
22	376	11	365	387
23	379	11	368	390
24	383	11	372	394
25	387	11	376	398
26	391	11	380	402
27	395	11	384	406
28	399	11	388	410
29	404	12	392	416
30	408	12	396	420
31	413	12	401	425
32	418	12	406	430
33	423	13	410	436
34	429	13	416	442
35	435	14	421	449
36	441	15	426	456
37	449	15	434	464
38	457	16	441	473
39	466	17	449	483
40	477	19	458	496
41	489	20	469	509
42	504	22	482	526
43	522	26	496	548
44	549	33	516	582
45	574	45	529	619

Note. ^aLOSS was set to 240.

Table 4.23 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 7 Form A

<u>Form A</u>				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	46	240 ^a	263
1	240	33	240 ^a	273
2	264	24	240	288
3	278	20	258	298
4	289	17	272	306
5	297	16	281	313
6	305	15	290	320
7	311	14	297	325
8	317	13	304	330
9	323	13	310	336
10	328	13	315	341
11	332	12	320	344
12	337	12	325	349
13	341	12	329	353
14	346	11	335	357
15	350	11	339	361
16	354	11	343	365
17	358	11	347	369
18	361	11	350	372
19	365	11	354	376
20	369	11	358	380
21	373	11	362	384
22	377	11	366	388
23	380	11	369	391
24	384	11	373	395
25	388	11	377	399
26	392	11	381	403
27	396	11	385	407
28	400	12	388	412
29	405	12	393	417
30	409	12	397	421
31	414	12	402	426
32	419	13	406	432
33	424	13	411	437
34	430	14	416	444
35	436	14	422	450
36	443	15	428	458
37	450	16	434	466
38	458	17	441	475
39	468	18	450	486
40	479	20	459	499
41	492	21	471	513
42	508	24	484	532
43	528	27	501	555
44	558	35	523	593
45	584	48	536	632

Note. ^aLOSS was set to 240.

Table 4.24 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 7 Form B

<u>Form B</u>				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	46	240 ^a	264
1	241	33	240 ^a	274
2	264	24	240	288
3	279	20	259	299
4	289	17	272	306
5	298	16	282	314
6	306	15	291	321
7	312	14	298	326
8	318	13	305	331
9	324	13	311	337
10	329	13	316	342
11	334	12	322	346
12	338	12	326	350
13	342	12	330	354
14	347	12	335	359
15	351	11	340	362
16	355	11	344	366
17	359	11	348	370
18	363	11	352	374
19	366	11	355	377
20	370	11	359	381
21	374	11	363	385
22	378	11	367	389
23	381	11	370	392
24	385	11	374	396
25	389	11	378	400
26	393	11	382	404
27	397	11	386	408
28	401	12	389	413
29	405	12	393	417
30	410	12	398	422
31	415	12	403	427
32	419	13	406	432
33	425	13	412	438
34	430	14	416	444
35	436	14	422	450
36	443	15	428	458
37	450	16	434	466
38	458	17	441	475
39	467	18	449	485
40	478	19	459	497
41	491	21	470	512
42	507	24	483	531
43	527	27	500	554
44	557	36	521	593
45	583	48	535	631

Note. ^aLOSS was set to 240.

Table 4.25 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 8 Form A

Form A				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	267
1	246	32	240 ^a	278
2	270	23	247	293
3	285	19	266	304
4	296	17	279	313
5	304	16	288	320
6	312	14	298	326
7	318	14	304	332
8	324	13	311	337
9	329	12	317	341
10	334	12	322	346
11	339	11	328	350
12	343	11	332	354
13	347	11	336	358
14	351	11	340	362
15	354	10	344	364
16	358	10	348	368
17	361	10	351	371
18	365	10	355	375
19	368	10	358	378
20	371	10	361	381
21	375	10	365	385
22	378	10	368	388
23	381	10	371	391
24	384	10	374	394
25	388	10	378	398
26	391	10	381	401
27	394	10	384	404
28	398	10	388	408
29	402	11	391	413
30	405	11	394	416
31	409	11	398	420
32	413	11	402	424
33	417	12	405	429
34	422	12	410	434
35	427	12	415	439
36	432	13	419	445
37	438	14	424	452
38	444	14	430	458
39	451	15	436	466
40	460	17	443	477
41	470	18	452	488
42	482	21	461	503
43	498	24	474	522
44	524	33	491	557
45	547	45	502	592

Note. ^aLOSS was set to 240.

Table 4.26 The 2005 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 8 Form B

Form B				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	267
1	245	32	240 ^a	277
2	269	23	246	292
3	284	19	265	303
4	295	17	278	312
5	304	16	288	320
6	312	14	298	326
7	318	14	304	332
8	324	13	311	337
9	329	12	317	341
10	334	12	322	346
11	338	12	326	350
12	343	11	332	354
13	347	11	336	358
14	350	11	339	361
15	354	11	343	365
16	358	10	348	368
17	361	10	351	371
18	365	10	355	375
19	368	10	358	378
20	371	10	361	381
21	375	10	365	385
22	378	10	368	388
23	381	10	371	391
24	385	10	375	395
25	388	10	378	398
26	392	10	382	402
27	395	10	385	405
28	398	10	388	408
29	402	11	391	413
30	406	11	395	417
31	410	11	399	421
32	414	11	403	425
33	418	11	407	429
34	422	12	410	434
35	427	12	415	439
36	432	13	419	445
37	437	13	424	450
38	444	14	430	458
39	450	15	435	465
40	458	16	442	474
41	467	17	450	484
42	478	20	458	498
43	493	23	470	516
44	516	32	484	548
45	539	44	495	583

Note. ^aLOSS was set to 240.

Table 4. 27 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 3

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	20,891	76.6	6,080	22.3	313	1.1	27,284	100.0
	2	22,324	81.8	4,795	17.6	165	0.6	27,284	100.0
	3	18,009	66.0	8,822	32.3	453	1.7	27,284	100.0
	4	21,372	78.3	5,784	21.2	128	0.5	27,284	100.0
B	1	23,712	85.9	3,724	13.5	184	0.7	27,620	100.0
	2	20,801	75.3	6,670	24.1	149	0.5	27,620	100.0
	3	19,265	69.8	8,137	29.5	218	0.8	27,620	100.0
	4	22,930	83.0	4,567	16.5	123	0.4	27,620	100.0

Table 4. 28 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 4

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	20,341	73.2	7,242	26.1	207	0.7	27,790	100.0
	2	19,863	71.5	7,709	27.7	218	0.8	27,790	100.0
	3	20,113	72.4	7,506	27.0	171	0.6	27,790	100.0
	4	21,103	75.9	6,429	23.1	258	0.9	27,790	100.0
B	1	21,546	76.9	6,383	22.8	88	0.3	28,017	100.0
	2	21,578	77.0	6,274	22.4	165	0.6	28,017	100.0
	3	19,548	69.8	8,124	29.0	345	1.2	28,017	100.0
	4	19,523	69.7	8,266	29.5	228	0.8	28,017	100.0

Table 4. 29 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 5

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	20,713	72.9	7,547	26.5	172	0.6	28,432	100.0
	2	19,968	70.2	8,177	28.8	287	1.0	28,432	100.0
	3	19,751	69.5	8,485	29.8	196	0.7	28,432	100.0
	4	19,335	68.0	8,841	31.1	256	0.9	28,432	100.0
B	1	19,579	68.0	8,955	31.1	272	0.9	28,806	100.0
	2	23,454	81.4	5,209	18.1	143	0.5	28,806	100.0
	3	16,495	57.3	11,137	38.7	1,174	4.1	28,806	100.0
	4	17,433	60.5	10,562	36.7	811	2.8	28,806	100.0

Table 4. 31 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 6

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	20,797	71.0	8,298	28.3	187	0.6	29,282	100.0
	2	20,219	69.0	8,400	28.7	663	2.3	29,282	100.0
	3	22,352	76.3	6,875	23.5	55	0.2	29,282	100.0
	4	23,201	79.2	5,992	20.5	89	0.3	29,282	100.0
B	1	21,192	72.0	7,887	26.8	338	1.1	29,417	100.0
	2	20,561	69.9	8,561	29.1	295	1.0	29,417	100.0
	3	21,487	73.0	7,434	25.3	496	1.7	29,417	100.0
	4	19,893	67.6	9,064	30.8	460	1.6	29,417	100.0

Table 4. 31 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 7

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	22,487	73.9	7,791	25.6	145	0.5	30,423	100.0
	2	18,947	62.3	10,377	34.1	1,099	3.6	30,423	100.0
	3	21,624	71.1	8,579	28.2	220	0.7	30,423	100.0
	4	18,323	60.2	11,398	37.5	702	2.3	30,423	100.0
B	1	22,948	75.4	7,409	24.3	78	0.3	30,435	100.0
	2	19,447	63.9	10,440	34.3	548	1.8	30,435	100.0
	3	20,675	67.9	9,348	30.7	412	1.4	30,435	100.0
	4	19,260	63.3	10,436	34.3	739	2.4	30,435	100.0

Table 4. 32 The 2005 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 8

Form	Item	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	1	22,268	72.6	8,233	26.8	184	0.6	30,685	100.0
	2	20,767	67.7	9,224	30.1	694	2.3	30,685	100.0
	3	24,854	81.0	5,629	18.3	202	0.7	30,685	100.0
	4	23,772	77.5	6,783	22.1	130	0.4	30,685	100.0
B	1	20,590	66.6	9,701	31.4	612	2.0	30,903	100.0
	2	20,664	66.9	9,825	31.8	414	1.3	30,903	100.0
	3	20,640	66.8	9,917	32.1	346	1.1	30,903	100.0
	4	19,231	62.2	11,193	36.2	479	1.6	30,903	100.0