

4. THE 2006 MSA-READING STATISTICAL SUMMARY

Table 4.1 The 2006 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	26,226	27.78	7.26	0.87	2.64
	B	37	26,598	29.32	7.57	0.88	2.57
4	A	37	26,525	30.97	6.30	0.86	2.35
	B	37	26,962	30.64	6.79	0.88	2.39
5	A	37	27,564	27.15	7.41	0.86	2.81
	B	37	27,799	29.23	7.23	0.86	2.69
6	A	37	28,404	30.26	8.27	0.91	2.55
	B	37	28,649	29.59	7.87	0.90	2.54
7	A	37	28,971	28.59	7.32	0.87	2.62
	B	37	29,092	27.70	7.40	0.88	2.58
8	A	37	30,081	27.09	6.92	0.85	2.67
	B	37	30,114	27.25	6.61	0.85	2.59

Table 4.2 The 2006 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	27,745	419.7	34.5	375	395	419	442	466	47	11	15
	B	27,944	421.3	38.8	372	395	420	446	469	51	11	15
	Overall	55,689	420.5	36.7	372	395	420	446	469	51	N/A	N/A
4	A	28,265	408.4	37.1	358	385	411	430	455	45	12	16
	B	28,384	409.0	39.8	356	382	411	438	457	56	12	16
	Overall	56,649	408.7	38.5	358	385	411	431	457	46	N/A	N/A
5	A	31,568	409.2	34.4	367	386	410	431	453	45	11	12
	B	31,561	408.5	35.4	361	384	407	431	457	47	11	13
	Overall	63,129	408.9	34.9	363	386	410	431	453	45	N/A	N/A
6	A	32,168	404.3	41.2	351	375	405	431	452	56	10	13
	B	32,015	404.1	38.0	356	378	405	429	448	51	11	13
	Overall	64,183	404.2	39.6	352	375	405	431	452	56	N/A	N/A
7	A	32,701	402.8	36.6	354	377	405	428	447	51	11	13
	B	32,493	404.0	37.2	354	377	405	430	448	53	11	13
	Overall	65,194	403.4	36.9	354	377	405	428	448	51	N/A	N/A
8	A	33,608	403.6	32.3	364	382	403	425	442	43	10	12
	B	33,419	402.9	30.8	365	384	403	424	440	40	11	12
	Overall	67,027	403.3	31.5	364	384	403	424	442	40	N/A	N/A

Table 4.3 The 2006 MSA-Reading Strand Correlations: Grade 3

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	26,226	1.00		
2. Literary Reading	26,226	0.63	1.00	
3. Information Reading	26,226	0.64	0.66	1.00
Form B				
1. General Reading	26,598	1.00		
2. Literary Reading	26,598	0.65	1.00	
3. Information Reading	26,598	0.68	0.70	1.00

Table 4.4 The 2006 MSA-Reading Strand Correlations: Grade 4

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	26,525	1.00		
2. Literary Reading	26,525	0.61	1.00	
3. Information Reading	26,525	0.65	0.64	1.00
Form B				
1. General Reading	26,962	1.00		
2. Literary Reading	26,962	0.65	1.00	
3. Information Reading	26,962	0.69	0.69	1.00

Table 4.5 The 2006 MSA-Reading Strand Correlations: Grade 5

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	27,564	1.00		
2. Literary Reading	27,564	0.65	1.00	
3. Information Reading	27,564	0.65	0.65	1.00
Form B				
1. General Reading	27,799	1.00		
2. Literary Reading	27,799	0.66	1.00	
3. Information Reading	27,799	0.63	0.67	1.00

Table 4.6 The 2006 MSA-Reading Strand Correlations: Grade 6

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	28,404	1.00		
2. Literary Reading	28,404	0.74	1.00	
3. Information Reading	28,404	0.71	0.73	1.00
Form B				
1. General Reading	28,649	1.00		
2. Literary Reading	28,649	0.73	1.00	
3. Information Reading	28,649	0.68	0.69	1.00

Table 4.7 The 2006 MSA-Reading Strand Correlations: Grade 7

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	28,971	1.00		
2. Literary Reading	28,971	0.67	1.00	
3. Information Reading	28,971	0.65	0.66	1.00
Form B				
1. General Reading	29,092	1.00		
2. Literary Reading	29,092	0.69	1.00	
3. Information Reading	29,092	0.66	0.67	1.00

Table 4.8 The 2006 MSA-Reading Strand Correlations: Grade 8

Form	<i>N</i>	1	2	3
Form A				
1. General Reading	30,081	1.00		
2. Literary Reading	30,081	0.62	1.00	
3. Information Reading	30,081	0.63	0.64	1.00
Form B				
1. General Reading	30,114	1.00		
2. Literary Reading	30,114	0.59	1.00	
3. Information Reading	30,114	0.60	0.61	1.00

Table 4.9 The 2006 MSA-Reading Decision Accuracy and Consistency Indices: Grade 3

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>	0.93	0.04	0.03	0.90
B	<i>B : PA</i>	0.92	0.03	0.05	0.89
	<i>BP : A</i>	0.93	0.04	0.03	0.91

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

Table 4.10 The 2006 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	0.90
	<i>BP : A</i>	0.90	0.06	0.04	0.87
B	<i>B : PA</i>	0.93	0.03	0.04	0.90
	<i>BP : A</i>	0.91	0.05	0.04	0.88

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

Table 4.11 The 2006 MSA-Reading Decision Accuracy and Consistency Indices: Grade 5

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.90	0.04	0.06	0.86
	<i>BP : A</i>	0.89	0.06	0.05	0.85
B	<i>B : PA</i>	0.91	0.04	0.06	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 4.12 The 2006 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	0.04	0.88
	<i>BP : A</i>	0.91	0.05	0.04	0.88
B	<i>B : PA</i>	0.91	0.04	0.05	0.87
	<i>BP : A</i>	0.91	0.05	0.04	0.87

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

Table 4.13 The 2006 MSA-Reading Decision Accuracy and Consistency Indices: Grade 7

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

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

Table 4.14 The 2006 MSA-Reading Decision Accuracy and Consistency Indices: Grade 8

Form	Performance Cut	Accuracy	False Positive	False Negative	Consistency
A	<i>B : PA</i>	0.89	0.05	0.06	0.84
	<i>BP : A</i>	0.90	0.06	0.04	0.86
B	<i>B : PA</i>	0.88	0.05	0.07	0.84
	<i>BP : A</i>	0.90	0.06	0.04	0.86

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

Table 4.15 The 2006 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	47	240 ^a	277
1	253	33	240 ^a	286
2	277	24	253	301
3	292	20	272	312
4	304	18	286	322
5	313	16	297	329
6	321	15	306	336
7	327	14	313	341
8	334	14	320	348
9	339	13	326	352
10	345	13	332	358
11	350	13	337	363
12	354	12	342	366
13	359	12	347	371
14	363	12	351	375
15	367	12	355	379
16	371	11	360	382
17	375	11	364	386
18	379	11	368	390
19	383	11	372	394
20	387	11	376	398
21	391	11	380	402
22	395	11	384	406
23	399	11	388	410
24	403	11	392	414
25	406	11	395	417
26	410	11	399	421
27	414	11	403	425
28	419	12	407	431
29	423	12	411	435
30	427	12	415	439
31	432	12	420	444
32	437	13	424	450
33	442	13	429	455
34	447	13	434	460
35	453	14	439	467
36	459	15	444	474
37	466	15	451	481
38	474	16	458	490
39	483	18	465	501
40	493	19	474	512
41	505	21	484	526
42	520	23	497	543
43	540	27	513	567
44	569	36	533	605
45	595	48	547	643

Note. ^aLOSS was set to 240.

Table 4.16 The 2006 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	46	240 ^a	270
1	248	33	240 ^a	281
2	272	24	248	296
3	287	20	267	307
4	298	18	280	316
5	307	16	291	323
6	314	15	299	329
7	321	14	307	335
8	327	14	313	341
9	333	13	320	346
10	338	13	325	351
11	343	12	331	355
12	348	12	336	360
13	352	12	340	364
14	356	12	344	368
15	360	11	349	371
16	364	11	353	375
17	368	11	357	379
18	372	11	361	383
19	376	11	365	387
20	380	11	369	391
21	384	11	373	395
22	387	11	376	398
23	391	11	380	402
24	395	11	384	406
25	399	11	388	410
26	403	11	392	414
27	407	12	395	419
28	411	12	399	423
29	415	12	403	427
30	420	12	408	432
31	425	12	413	437
32	429	13	416	442
33	435	13	422	448
34	440	14	426	454
35	446	14	432	460
36	453	15	438	468
37	461	16	445	477
38	469	17	452	486
39	479	18	461	497
40	490	20	470	510
41	504	22	482	526
42	521	25	496	546
43	544	29	515	573
44	577	37	540	614
45	604	49	555	650 ^b

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

Table 4.17 The 2006 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	48	240 ^a	240 ^a
1	240 ^a	35	240 ^a	240 ^a
2	240 ^a	26	240 ^a	257
3	248	22	240 ^a	270
4	261	19	242	280
5	271	18	253	289
6	280	16	264	296
7	288	15	273	303
8	295	15	280	310
9	301	14	287	315
10	307	14	293	321
11	312	13	299	325
12	318	13	305	331
13	323	13	310	336
14	327	12	315	339
15	332	12	320	344
16	337	12	325	349
17	341	12	329	353
18	345	12	333	357
19	350	12	338	362
20	354	12	342	366
21	358	12	346	370
22	363	12	351	375
23	367	12	355	379
24	371	12	359	383
25	376	12	364	388
26	380	12	368	392
27	385	12	373	397
28	390	13	377	403
29	395	13	382	408
30	400	13	387	413
31	405	13	392	418
32	411	14	397	425
33	417	14	403	431
34	423	15	408	438
35	430	15	415	445
36	438	16	422	454
37	446	17	429	463
38	455	18	437	473
39	466	19	447	485
40	477	20	457	497
41	491	22	469	513
42	507	24	483	531
43	528	28	500	556
44	558	36	522	594
45	584	49	535	633

Note. ^aLOSS was set to 240.

Table 4.18 The 2006 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	245
2	240 ^a	26	240 ^a	264
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	299	14	285	313
9	306	14	292	320
10	311	13	298	324
11	316	13	303	329
12	321	13	308	334
13	326	12	314	338
14	331	12	319	343
15	335	12	323	347
16	339	12	327	351
17	344	12	332	356
18	348	12	336	360
19	352	12	340	364
20	356	12	344	368
21	360	12	348	372
22	364	12	352	376
23	369	12	357	381
24	373	12	361	385
25	377	12	365	389
26	382	12	370	394
27	386	12	374	398
28	391	12	379	403
29	396	13	383	409
30	401	13	388	414
31	406	13	393	419
32	411	14	397	425
33	417	14	403	431
34	424	15	409	439
35	431	15	416	446
36	438	16	422	454
37	447	17	430	464
38	457	19	438	476
39	468	20	448	488
40	482	22	460	504
41	499	25	474	524
42	519	27	492	546
43	543	30	513	573
44	576	37	539	613
45	603	49	554	650 ^b

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

Table 4.19 The 2006 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	47	240 ^a	273
1	250	34	240 ^a	284
2	274	24	250	298
3	289	20	269	309
4	300	18	282	318
5	309	16	293	325
6	317	15	302	332
7	323	14	309	337
8	329	14	315	343
9	335	13	322	348
10	340	13	327	353
11	345	13	332	358
12	350	12	338	362
13	354	12	342	366
14	358	12	346	370
15	363	12	351	375
16	367	12	355	379
17	371	11	360	382
18	375	11	364	386
19	378	11	367	389
20	382	11	371	393
21	386	11	375	397
22	390	11	379	401
23	394	11	383	405
24	398	11	387	409
25	402	11	391	413
26	406	11	395	417
27	410	12	398	422
28	414	12	402	426
29	418	12	406	430
30	422	12	410	434
31	427	12	415	439
32	431	12	419	443
33	436	13	423	449
34	441	13	428	454
35	447	14	433	461
36	453	14	439	467
37	459	15	444	474
38	466	16	450	482
39	474	17	457	491
40	483	18	465	501
41	494	20	474	514
42	507	22	485	529
43	525	27	498	552
44	554	36	518	590
45	580	49	531	629

Note. ^aLOSS was set to 240.

Table 4.20 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 5 Form B

Form B				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	47	240 ^a	264
1	240	34	240 ^a	274
2	265	24	241	289
3	280	20	260	300
4	291	18	273	309
5	300	16	284	316
6	308	15	293	323
7	314	15	299	329
8	320	14	306	334
9	326	13	313	339
10	331	13	318	344
11	336	12	324	348
12	341	12	329	353
13	345	12	333	357
14	349	12	337	361
15	353	12	341	365
16	357	11	346	368
17	361	11	350	372
18	365	11	354	376
19	369	11	358	380
20	373	11	362	384
21	376	11	365	387
22	380	11	369	391
23	384	11	373	395
24	388	11	377	399
25	391	11	380	402
26	395	11	384	406
27	399	11	388	410
28	403	12	391	415
29	407	12	395	419
30	412	12	400	424
31	416	12	404	428
32	421	13	408	434
33	426	13	413	439
34	431	13	418	444
35	436	14	422	450
36	442	14	428	456
37	449	15	434	464
38	457	16	441	473
39	465	17	448	482
40	475	19	456	494
41	486	20	466	506
42	500	23	477	523
43	518	27	491	545
44	546	35	511	581
45	571	48	523	619

Note. ^aLOSS was set to 240.

Table 4.21 The 2006 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	268
1	246	31	240 ^a	277
2	268	22	246	290
3	282	19	263	301
4	292	16	276	308
5	300	15	285	315
6	306	14	292	320
7	312	13	299	325
8	318	13	305	331
9	323	12	311	335
10	327	12	315	339
11	332	11	321	343
12	336	11	325	347
13	340	11	329	351
14	343	11	332	354
15	347	10	337	357
16	351	10	341	361
17	354	10	344	364
18	358	10	348	368
19	361	10	351	371
20	364	10	354	374
21	368	10	358	378
22	371	10	361	381
23	375	10	365	385
24	378	10	368	388
25	382	10	372	392
26	385	11	374	396
27	389	11	378	400
28	393	11	382	404
29	397	11	386	408
30	401	11	390	412
31	405	12	393	417
32	410	12	398	422
33	414	12	402	426
34	419	13	406	432
35	425	13	412	438
36	431	14	417	445
37	437	14	423	451
38	444	15	429	459
39	452	16	436	468
40	461	17	444	478
41	471	19	452	490
42	484	21	463	505
43	500	24	476	524
44	525	32	493	557
45	549	44	505	593

Note. ^aLOSS was set to 240.

Table 4.22 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 6 Form B

<u>Form B</u>				
Raw Score	Scale Score (SS)	Standard Error (SEM)	SS – 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	266
1	244	31	240 ^a	275
2	267	23	244	290
3	280	19	261	299
4	291	17	274	308
5	299	15	284	314
6	306	14	292	320
7	312	13	299	325
8	318	13	305	331
9	323	12	311	335
10	328	12	316	340
11	332	12	320	344
12	337	11	326	348
13	341	11	330	352
14	345	11	334	356
15	349	11	338	360
16	352	11	341	363
17	356	11	345	367
18	360	10	350	370
19	363	10	353	373
20	367	10	357	377
21	370	10	360	380
22	374	10	364	384
23	378	10	368	388
24	381	11	370	392
25	385	11	374	396
26	389	11	378	400
27	393	11	382	404
28	396	11	385	407
29	401	11	390	412
30	405	11	394	416
31	409	12	397	421
32	414	12	402	426
33	418	12	406	430
34	423	13	410	436
35	429	13	416	442
36	435	14	421	449
37	441	14	427	455
38	448	15	433	463
39	456	16	440	472
40	464	17	447	481
41	475	18	457	493
42	487	20	467	507
43	503	24	479	527
44	527	32	495	559
45	550	44	506	594

Note. ^aLOSS was set to 240.

Table 4.23 The 2006 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	264
1	241	33	240 ^a	274
2	265	24	241	289
3	279	20	259	299
4	290	17	273	307
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	333	12	321	345
12	338	12	326	350
13	342	12	330	354
14	346	11	335	357
15	351	11	340	362
16	354	11	343	365
17	358	11	347	369
18	362	11	351	373
19	366	11	355	377
20	370	11	359	381
21	374	11	363	385
22	377	11	366	388
23	381	11	370	392
24	385	11	374	396
25	389	11	378	400
26	393	11	382	404
27	396	11	385	407
28	401	11	390	412
29	405	12	393	417
30	409	12	397	421
31	413	12	401	425
32	418	12	406	430
33	423	13	410	436
34	428	13	415	441
35	434	14	420	448
36	440	15	425	455
37	447	15	432	462
38	455	16	439	471
39	464	18	446	482
40	475	19	456	494
41	487	21	466	508
42	503	23	480	526
43	522	27	495	549
44	551	35	516	586
45	576	47	529	623

Note. ^aLOSS was set to 240.

Table 4.24 The 2006 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	268
1	245	33	240 ^a	278
2	269	24	245	293
3	283	20	263	303
4	294	17	277	311
5	302	16	286	318
6	310	15	295	325
7	316	14	302	330
8	322	13	309	335
9	327	13	314	340
10	332	12	320	344
11	337	12	325	349
12	342	12	330	354
13	346	12	334	358
14	350	11	339	361
15	354	11	343	365
16	358	11	347	369
17	362	11	351	373
18	366	11	355	377
19	370	11	359	381
20	373	11	362	384
21	377	11	366	388
22	381	11	370	392
23	385	11	374	396
24	389	11	378	400
25	393	11	382	404
26	397	11	386	408
27	401	12	389	413
28	405	12	393	417
29	410	12	398	422
30	414	12	402	426
31	419	13	406	432
32	424	13	411	437
33	430	13	417	443
34	436	14	422	450
35	442	14	428	456
36	448	15	433	463
37	456	16	440	472
38	463	16	447	479
39	472	17	455	489
40	482	18	464	500
41	493	20	473	513
42	507	22	485	529
43	525	26	499	551
44	551	34	517	585
45	576	47	529	623

Note. ^aLOSS was set to 240.

Table 4.25 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 8 Form A

Raw Score	Form A			
	Scale Score (SS)	Standard Error (SEM)	SS - 1SEM	SS + 1SEM
0	240 ^a	44	240 ^a	269
1	248	32	240 ^a	280
2	272	23	249	295
3	287	20	267	307
4	298	17	281	315
5	307	16	291	323
6	315	15	300	330
7	322	14	308	336
8	328	13	315	341
9	333	13	320	346
10	338	12	326	350
11	343	12	331	355
12	348	11	337	359
13	352	11	341	363
14	356	11	345	367
15	360	11	349	371
16	364	11	353	375
17	367	11	356	378
18	371	10	361	381
19	374	10	364	384
20	378	10	368	388
21	382	10	372	392
22	385	10	375	395
23	389	10	379	399
24	392	10	382	402
25	396	11	385	407
26	400	11	389	411
27	403	11	392	414
28	407	11	396	418
29	412	11	401	423
30	416	12	404	428
31	420	12	408	432
32	425	12	413	437
33	430	13	417	443
34	436	13	423	449
35	442	14	428	456
36	449	15	434	464
37	457	16	441	473
38	467	18	449	485
39	479	20	459	499
40	493	22	471	515
41	510	24	486	534
42	531	26	505	557
43	554	28	526	582
44	585	34	551	619
45	610	46	564	650 ^b

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

Table 4.26 The 2006 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	45	240 ^a	255
1	240 ^a	33	240 ^a	266
2	259	24	240 ^a	283
3	275	21	254	296
4	288	19	269	307
5	298	17	281	315
6	307	16	291	323
7	315	15	300	330
8	321	14	307	335
9	328	13	315	341
10	333	13	320	346
11	338	12	326	350
12	343	12	331	355
13	348	12	336	360
14	352	11	341	363
15	357	11	346	368
16	361	11	350	372
17	365	11	354	376
18	369	11	358	380
19	372	11	361	383
20	376	11	365	387
21	380	11	369	391
22	384	11	373	395
23	387	11	376	398
24	391	11	380	402
25	395	11	384	406
26	399	11	388	410
27	403	11	392	414
28	407	11	396	418
29	411	11	400	422
30	415	12	403	427
31	420	12	408	432
32	424	12	412	436
33	429	12	417	441
34	434	13	421	447
35	440	13	427	453
36	446	14	432	460
37	453	15	438	468
38	461	16	445	477
39	469	17	452	486
40	479	18	461	497
41	490	19	471	509
42	504	21	483	525
43	521	25	496	546
44	547	33	514	580
45	571	45	526	616

Note. ^aLOSS was set to 240.

Table 4. 27 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 3

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	76	21,274	81.1	4,845	18.5	107	0.4	26,226	100.0
	79	18,368	70.0	7,583	28.9	275	1.0	26,226	100.0
	82	19,443	74.1	6,341	24.2	442	1.7	26,226	100.0
	85	17,325	66.1	8,276	31.6	625	2.4	26,226	100.0
B	76	17,841	67.1	8,414	31.6	343	1.3	26,598	100.0
	79	18,526	69.7	7,739	29.1	333	1.3	26,598	100.0
	82	18,595	69.9	7,511	28.2	492	1.8	26,598	100.0
	85	19,422	73.0	6,952	26.1	224	0.8	26,598	100.0

Table 4. 28 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 4

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	76	17,643	66.5	8,539	32.2	343	1.3	26,525	100.0
	79	20,072	75.7	6,314	23.8	139	0.5	26,525	100.0
	82	20,061	75.6	6,255	23.6	209	0.8	26,525	100.0
	85	18,961	71.5	7,367	27.8	187	0.7	26,515	100.0
B	76	18,079	67.1	8,684	32.2	199	0.7	26,962	100.0
	79	18,405	68.3	8,353	31.0	204	0.8	26,962	100.0
	82	17,862	66.2	8,614	31.9	486	1.8	26,962	100.0
	85	17,896	66.4	8,602	31.9	464	1.7	26,962	100.0

Table 4. 29 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 5

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	65	18,007	65.3	8,422	30.6	1,135	4.1	27,564	100.0
	68	17,752	64.4	9,058	32.9	754	2.7	27,564	100.0
	71	19,083	69.2	7,939	28.8	542	2.0	27,564	100.0
	74	17,998	65.3	8,335	30.2	1,231	4.5	27,564	100.0
B	65	17,869	64.3	9,566	34.4	364	1.3	27,799	100.0
	68	17,715	63.7	9,700	34.9	384	1.4	27,799	100.0
	71	19,940	71.7	7,681	27.6	178	0.6	27,799	100.0
	74	19,898	71.6	7,746	27.9	155	0.6	27,799	100.0

Table 4. 31 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 6

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	65	19562	68.9	8564	30.2	278	1.0	28404	100.0
	68	19491	68.6	8603	30.3	310	1.1	28404	100.0
	71	18156	63.9	9381	33.0	867	3.1	28404	100.0
	74	20239	71.3	7527	26.5	638	2.2	28404	100.0
B	65	18573	64.8	9636	33.6	440	1.5	28649	100.0
	68	19038	66.5	9150	31.9	461	1.6	28649	100.0
	71	18240	63.7	9745	34.0	664	2.3	28649	100.0
	74	17911	62.5	10166	35.5	572	2.0	28649	100.0

Table 4. 31 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 7

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	65	19,118	66.0	9,521	32.9	332	1.1	28,971	100.0
	68	17,926	61.9	10,387	35.9	658	2.3	28,971	100.0
	71	22,526	77.8	5,911	20.4	534	1.8	28,971	100.0
	74	19,696	68.0	8,963	30.9	312	1.1	28,971	100.0
B	65	20,013	68.8	8,540	29.4	539	1.9	29,092	100.0
	68	18,333	63.0	9,795	33.7	964	3.3	29,092	100.0
	71	18,582	63.9	9,661	33.2	849	2.9	29,092	100.0
	74	20,450	70.3	8,343	28.7	299	1.0	29,092	100.0

Table 4. 32 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 8

Form	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
A	65	20,313	67.5	9,525	31.7	243	0.8	30,081	100.0
	68	18,837	62.6	10,673	35.5	571	1.9	30,081	100.0
	71	21,209	70.5	8,398	27.9	474	1.6	30,081	100.0
	74	20,331	67.6	9,518	31.6	232	0.8	30,081	100.0
B	65	21,053	69.9	8,877	29.5	184	0.6	30,114	100.0
	68	21,851	72.6	8,145	27.0	118	0.4	30,114	100.0
	71	21,345	70.9	8,657	28.7	112	0.4	30,114	100.0
	74	22,930	76.1	7,003	23.3	181	0.6	30,114	100.0