

APPENDIX A: THE 2007 MSA-READING STRATIFIED RANDOM SAMPLING

Table A.1 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 3 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007	% of 2007	% of Differ.	
	%	S. R. S.	S. R. S.		S. R. S.	S. R. S.		
1	1.09	33	1.16	-0.07	1.09	33	1.16	-0.07
2	8.92	267	9.40	-0.48	8.92	267	9.38	-0.46
3	12.19	366	12.88	-0.69	12.19	366	12.86	-0.67
4	2.01	60	2.11	-0.10	2.01	60	2.11	-0.10
5	0.59	6	0.21	0.38	0.59	18	0.63	-0.04
6	3.37	101	3.56	-0.19	3.37	101	3.55	-0.18
7	2.00	12	0.42	1.58	2.00	0	0	2.00
8	2.96	89	3.13	-0.17	2.96	89	3.13	-0.17
9	0.45	14	0.49	-0.04	0.45	14	0.49	-0.04
10	4.87	146	5.14	-0.27	4.87	146	5.13	-0.26
11	0.53	16	0.56	-0.03	0.53	16	0.56	-0.03
12	4.79	59	2.08	2.71	4.79	63	2.21	2.58
13	5.84	175	6.16	-0.32	5.84	175	6.15	-0.31
14	0.23	7	0.25	-0.02	0.23	7	0.25	-0.02
15	16.10	483	17.00	-0.90	16.10	483	16.98	-0.88
16	14.84	445	15.66	-0.82	14.84	445	15.64	-0.80
17	0.86	26	0.92	-0.06	0.86	26	0.91	-0.05
18	1.85	55	1.94	-0.09	1.85	55	1.93	-0.08
19	0.30	9	0.32	-0.02	0.30	9	0.32	-0.02
20	0.46	0	0.00	0.46	0.46	0	0	0.46
21	2.68	80	2.82	-0.14	2.68	80	2.81	-0.13
22	1.81	54	1.90	-0.09	1.81	54	1.90	-0.09
23	0.71	21	0.74	-0.03	0.71	21	0.74	-0.03
24	0.18	5	0.18	0.00	0.18	5	0.18	0.00
30	9.86	296	10.42	-0.56	9.86	296	10.40	-0.54
31	0.53	16	0.56	-0.03	0.53	16	0.56	-0.03
Total	100.00	2841	100	0.00	100.00	2845	100	0.00

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City; 31. Edison Partnership

Table A.2 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 3 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.41	12	0.42	-0.01	0.41	5	0.18	0.23
2	5.59	168	5.91	-0.33	5.59	187	6.57	-0.98
3	37.69	1046	36.82	0.87	37.69	1103	38.77	-1.08
4	47.46	1387	48.82	-1.36	47.46	1318	46.33	1.13
5	8.68	225	7.92	0.76	8.68	228	8.01	0.67
Miss	0.17	3	0.11	0.06	0.17	4	0.14	0.03
Total	100.00	2841	100.00	0.00	100.00	2845	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.3 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 3 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	48.89	1395	49.10	-0.21	48.89	1464	51.46	-2.57
M	51.00	1443	50.79	0.21	51.00	1380	48.51	2.49
Miss	0.11	3	0.11	0.00	0.11	1	0.04	0.07
Total	100.00	2841	100.00	0.00	100.00	2845	100.00	0.00

Note: F. Female; M. Male; Miss: Missing

Table A.4 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 4 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	1.14	34	1.15	-0.01	1.14	34	1.15	-0.01
2	8.69	261	8.80	-0.11	8.69	261	8.80	-0.11
3	12.25	367	12.38	-0.13	12.25	367	12.37	-0.12
4	2.00	60	2.02	-0.02	2.00	60	2.02	-0.02
5	0.71	0	0.00	0.71	0.71	1	0.03	0.68
6	3.25	97	3.27	-0.02	3.25	97	3.27	-0.02
7	1.89	57	1.92	-0.03	1.89	57	1.92	-0.03
8	3.18	95	3.20	-0.02	3.18	95	3.20	-0.02
9	0.57	17	0.57	0.00	0.57	17	0.57	0.00
10	4.87	146	4.92	-0.05	4.87	146	4.92	-0.05
11	0.50	15	0.51	-0.01	0.50	15	0.51	-0.01
12	4.83	145	4.89	-0.06	4.83	145	4.89	-0.06
13	5.98	180	6.07	-0.09	5.98	180	6.07	-0.09
14	0.29	9	0.30	-0.01	0.29	9	0.30	-0.01
15	16.16	485	16.36	-0.20	16.16	485	16.35	-0.19
16	14.94	448	15.11	-0.17	14.94	448	15.10	-0.16
17	0.87	26	0.88	-0.01	0.87	26	0.88	-0.01
18	1.96	59	1.99	-0.03	1.96	59	1.99	-0.03
19	0.30	9	0.30	0.00	0.30	9	0.30	0.00
20	0.47	0	0.00	0.47	0.47	0	0.00	0.47
21	2.69	81	2.73	-0.04	2.69	81	2.73	-0.04
22	1.87	56	1.89	-0.02	1.87	56	1.89	-0.02
23	0.77	23	0.78	-0.01	0.77	23	0.78	-0.01
24	0.18	6	0.20	-0.02	0.18	6	0.20	-0.02
30	9.17	275	9.27	-0.10	9.17	275	9.27	-0.10
31	0.46	14	0.47	-0.01	0.46	14	0.47	-0.01
Total	100.00	2965	100	0.00	100.00	2966	100.00	0.00

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City; 31. Edison Partnership

Table A.5 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 4 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.39	8	0.27	0.12	0.39	11	0.37	0.02
2	5.70	174	5.87	-0.17	5.70	188	6.34	-0.64
3	37.51	1064	35.89	1.62	37.51	1147	38.67	-1.16
4	47.52	1469	49.54	-2.02	47.52	1362	45.92	1.60
5	8.73	247	8.33	0.40	8.73	257	8.66	0.06
Miss	0.15	3	0.10	0.05	0.15	1	0.03	0.11
Total	100.00	2965	100.00	0.00	100.00	2966	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.6 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 4 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	48.65	1425	48.06	0.59	48.65	1374	46.33	2.32
M	51.26	1538	51.87	-0.61	51.26	1592	53.67	-2.41
Miss	0.09	2	0.07	0.02	0.09	0	0.00	0.09
Total	100.00	2965	100.00	0.00	100.00	2966	100.00	0.00

Note: F. Female; M. Male; Miss: Missing

Table A.7 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 5 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	1.06	32	1.10	-0.04	1.06	32	1.10	-0.04
2	8.71	261	8.96	-0.25	8.71	261	9.00	-0.29
3	12.28	368	12.63	-0.35	12.28	368	12.69	-0.41
4	2.07	62	2.13	-0.06	2.07	62	2.14	-0.07
5	0.57	1	0.03	0.54	0.57	0	0.00	0.57
6	3.36	101	3.47	-0.11	3.36	100	3.45	-0.09
7	1.92	2	0.07	1.85	1.92	0	0.00	1.92
8	3.03	91	3.12	-0.09	3.03	91	3.14	-0.11
9	0.51	15	0.51	0.00	0.51	15	0.52	-0.01
10	4.88	146	5.01	-0.13	4.88	146	5.04	-0.16
11	0.54	16	0.55	-0.01	0.54	16	0.55	-0.01
12	4.80	144	4.94	-0.14	4.80	144	4.97	-0.17
13	5.95	179	6.14	-0.19	5.95	179	6.17	-0.22
14	0.23	7	0.24	-0.01	0.23	7	0.24	-0.01
15	16.36	491	16.85	-0.49	16.36	491	16.94	-0.58
16	15.32	460	15.79	-0.47	15.32	460	15.87	-0.55
17	0.98	29	1.00	-0.02	0.98	29	1.00	-0.02
18	1.91	57	1.96	-0.05	1.91	57	1.97	-0.06
19	0.35	11	0.38	-0.03	0.35	0	0.00	0.35
20	0.51	0	0.00	0.51	0.51	0	0.00	0.51
21	2.56	77	2.64	-0.08	2.56	77	2.66	-0.10
22	1.72	52	1.78	-0.06	1.72	52	1.79	-0.07
23	0.71	21	0.72	-0.01	0.71	21	0.72	-0.01
24	0.27	8	0.27	0.00	0.27	8	0.28	-0.01
30	8.95	269	9.23	-0.28	8.95	269	9.28	-0.33
31	0.45	14	0.48	-0.03	0.45	14	0.48	-0.03
Total	100.00	2914	100.00	0.00	100.00	2899	100.00	0.00

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City; 31. Edison Partnership

Table A.8 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 5 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.35	10	0.34	0.01	0.35	10	0.34	0.01
2	5.42	168	5.77	-0.35	5.42	174	6.00	-0.59
3	37.29	1077	36.96	0.33	37.29	1098	37.88	-0.58
4	48.25	1427	48.97	-0.72	48.25	1350	46.57	1.68
5	8.56	227	7.79	0.77	8.56	263	9.07	-0.51
Miss	0.13	5	0.17	-0.04	0.13	4	0.14	-0.01
Total	100.00	2914	100.00	0.00	100.00	2899	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.9 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 5 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	49.04	1386	47.56	1.47	49.04	1420	48.98	0.05
M	50.86	1524	52.30	-1.44	50.86	1474	50.85	0.02
Miss	0.10	4	0.14	-0.04	0.10	5	0.17	-0.07
Total	100.00	2914	100.00	0.00	100.00	2899	100.00	0.00

Note: F. Female; M. Male; Miss: Missing

Table A.10 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 6 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	1.04	31	1.10	-0.06	1.04	31	1.08	-0.04
2	8.76	263	9.37	-0.61	8.76	263	9.19	-0.43
3	12.25	367	13.08	-0.83	12.25	367	12.82	-0.57
4	2.14	64	2.28	-0.14	2.14	64	2.24	-0.10
5	0.63	19	0.68	-0.05	0.63	19	0.66	-0.03
6	3.37	101	3.60	-0.23	3.37	101	3.53	-0.16
7	2.00	0	0.00	2.00	2.00	3	0.10	1.90
8	3.12	94	3.35	-0.23	3.12	94	3.28	-0.16
9	0.49	15	0.53	-0.04	0.49	15	0.52	-0.03
10	4.93	148	5.27	-0.34	4.93	148	5.17	-0.24
11	0.58	17	0.61	-0.03	0.58	17	0.59	-0.01
12	4.72	31	1.10	3.62	4.72	84	2.94	1.78
13	6.32	190	6.77	-0.45	6.32	190	6.64	-0.32
14	0.24	7	0.25	-0.01	0.24	7	0.24	0.00
15	16.14	484	17.25	-1.11	16.14	484	16.91	-0.77
16	15.13	454	16.18	-1.05	15.13	454	15.86	-0.73
17	0.87	26	0.93	-0.06	0.87	26	0.91	-0.04
18	1.91	57	2.03	-0.12	1.91	57	1.99	-0.08
19	0.33	10	0.36	-0.03	0.33	10	0.35	-0.02
20	0.51	0	0.00	0.51	0.51	0	0.00	0.51
21	2.42	73	2.60	-0.18	2.42	73	2.55	-0.13
22	1.48	44	1.57	-0.09	1.48	44	1.54	-0.06
23	0.72	14	0.50	0.22	0.72	14	0.49	0.23
24	0.33	10	0.36	-0.03	0.33	10	0.35	-0.02
30	9.14	274	9.76	-0.62	9.14	274	9.57	-0.43
31	0.43	13	0.46	-0.03	0.43	13	0.45	-0.02
Total	100.00	2806	100.00	0.00	100.00	2862	100.00	0.00

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City; 31. Edison Partnership

Table A.11 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 6 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.41	12	0.43	-0.02	0.41	14	0.49	-0.08
2	5.29	172	6.13	-0.84	5.29	170	5.94	-0.65
3	38.41	1123	40.02	-1.61	38.41	1153	40.29	-1.88
4	47.66	1241	44.23	3.43	47.66	1295	45.25	2.41
5	8.02	249	8.87	-0.85	8.02	226	7.90	0.13
Miss	0.20	9	0.32	-0.12	0.20	4	0.14	0.06
Total	100.00	2806	100.00	0.00	100.00	2862	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.12 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 6 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	48.65	1354	48.25	0.40	48.65	1375	48.04	0.61
M	51.20	1445	51.50	-0.29	51.20	1484	51.85	-0.65
Miss	0.14	7	0.25	-0.11	0.14	3	0.10	0.04
Total	100.00	2806	100.00	0.00	100.00	2862	100.00	0.00

Note: F. Female; M. Male; Miss: Missing

Table A.13 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 7 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	% of Differ.
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	1.02	30	1.06	-0.04	1.02	30	1.00	0.02
2	8.49	207	7.34	1.15	8.49	255	8.51	-0.02
3	12.09	266	9.43	2.66	12.09	363	12.12	-0.03
4	2.08	62	2.20	-0.12	2.08	62	2.07	0.01
5	0.63	19	0.67	-0.04	0.63	19	0.63	0.00
6	3.43	101	3.58	-0.15	3.43	103	3.44	-0.01
7	2.00	60	2.13	-0.13	2.00	60	2.00	0.00
8	3.27	98	3.47	-0.20	3.27	98	3.27	0.00
9	0.56	17	0.60	-0.04	0.56	17	0.57	-0.01
10	4.67	140	4.96	-0.29	4.67	140	4.67	0.00
11	0.56	0	0.00	0.56	0.56	13	0.43	0.13
12	4.65	139	4.93	-0.28	4.65	139	4.64	0.01
13	5.92	177	6.27	-0.35	5.92	177	5.91	0.01
14	0.26	8	0.28	-0.02	0.26	8	0.27	-0.01
15	15.77	473	16.77	-1.00	15.77	473	15.79	-0.02
16	15.70	471	16.70	-1.00	15.70	471	15.73	-0.03
17	0.93	28	0.99	-0.06	0.93	28	0.93	0.00
18	2.01	60	2.13	-0.12	2.01	60	2.00	0.01
19	0.35	11	0.39	-0.04	0.35	11	0.37	-0.02
20	0.51	15	0.53	-0.02	0.51	15	0.50	0.01
21	2.50	75	2.66	-0.16	2.50	75	2.50	0.00
22	1.57	47	1.67	-0.10	1.57	47	1.57	0.00
23	0.79	10	0.35	0.44	0.79	24	0.80	-0.01
24	0.44	13	0.46	-0.02	0.44	13	0.43	0.01
30	9.81	294	10.42	-0.61	9.81	294	9.82	-0.01
Total	100.00	2821	99.99	0.01	100.00	2995	99.97	0.03

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City

Table A.14 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 7 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.38	11	0.39	-0.01	0.38	9	0.30	0.08
2	5.19	158	5.60	-0.41	5.19	138	4.61	0.58
3	39.21	1161	41.16	-1.95	39.21	1183	39.50	-0.29
4	47.26	1271	45.05	2.21	47.26	1444	48.21	-0.95
5	7.70	217	7.69	0.01	7.70	215	7.18	0.52
Miss	0.26	3	0.11	0.15	0.26	6	0.20	0.06
Total	100.00	2821	100.00	0.00	100.00	2995	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.15 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 7 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	48.44	1331	47.18	1.26	48.44	1418	47.35	1.10
M	51.38	1488	52.75	-1.37	51.38	1572	52.49	-1.11
Miss	0.18	2	0.07	0.11	0.18	5	0.17	0.01
Total	100.00	2821	100.00	0.00	100.00	2995	100.00	0.00

Note: F. Female; M. Male; Miss: Missing

Table A.16 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 8 LEA

LEA	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	1.12	34	1.15	-0.03	1.12	34	1.15	-0.03
2	8.39	252	8.54	-0.15	8.39	252	8.49	-0.10
3	12.16	365	12.36	-0.20	12.16	365	12.30	-0.14
4	2.11	63	2.13	-0.02	2.11	63	2.12	-0.01
5	0.62	19	0.64	-0.02	0.62	19	0.64	-0.02
6	3.51	105	3.56	-0.05	3.51	105	3.54	-0.03
7	2.04	12	0.41	1.63	2.04	28	0.94	1.10
8	3.23	97	3.29	-0.06	3.23	97	3.27	-0.04
9	0.52	16	0.54	-0.02	0.52	16	0.54	-0.02
10	4.70	141	4.78	-0.08	4.70	141	4.75	-0.05
11	0.63	19	0.64	-0.01	0.63	19	0.64	-0.01
12	4.56	137	4.64	-0.08	4.56	137	4.62	-0.06
13	6.00	180	6.10	-0.10	6.00	180	6.06	-0.06
14	0.26	8	0.27	-0.01	0.26	8	0.27	-0.01
15	15.75	472	15.99	-0.24	15.75	472	15.90	-0.15
16	15.62	469	15.89	-0.27	15.62	469	15.80	-0.18
17	0.91	27	0.91	0.00	0.91	27	0.91	0.00
18	1.84	55	1.86	-0.02	1.84	55	1.85	-0.01
19	0.40	12	0.41	-0.01	0.40	12	0.40	0.00
20	0.53	16	0.54	-0.01	0.53	16	0.54	-0.01
21	2.42	73	2.47	-0.05	2.42	73	2.46	-0.04
22	1.66	50	1.69	-0.03	1.66	50	1.68	-0.02
23	0.75	22	0.75	0.00	0.75	22	0.74	0.01
24	0.66	20	0.68	-0.02	0.66	20	0.67	-0.01
30	9.59	288	9.76	-0.17	9.59	288	9.70	-0.11
Total	100.00	2952	100.00	0.00	100.00	2968	100.00	0.00

Note: 1. Allegany; 2. Anne Arundel; 3. Baltimore; 4. Calvert; 5. Caroline; 6. Carroll; 7. Cecil; 8. Charles; 9. Dorchester; 10. Frederick; 11. Garrett; 12. Harford; 13. Howard; 14. Kent; 15. Montgomery; 16. Prince George's; 17. Queen Anne's; 18. St. Mary's; 19. Somerset; 20. Talbot; 21. Washington; 22. Wicomico; 23. Worcester; 24. LEA 24; 30. Baltimore City

Table A.17 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 8 Ethnicity

Race	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	% of Differ.
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
1	0.38	13	0.44	-0.06	0.38	14	0.47	-0.09
2	5.06	153	5.18	-0.13	5.06	173	5.83	-0.77
3	39.24	1157	39.19	0.05	39.24	1169	39.39	-0.14
4	47.83	1408	47.70	0.14	47.83	1402	47.24	0.60
5	7.26	216	7.32	-0.06	7.26	204	6.87	0.38
Miss	0.23	5	0.17	0.06	0.23	6	0.20	0.02
Total	100.00	2952	100.00	0.00	100.00	2968	100.00	0.00

Note: 1. American Indian; 2. Asian American; 3. African American; 4. White; 5. Hispanic; Miss: Missing

Table A.18 The 2007 MSA-Reading Population and Stratified Random Sampling (S.R.S.): Grade 8 Gender

Gender	Operational Form A				Operational Form B			
	2007 Pop.	2007	% of 2007	% of Differ.	2007 Pop.	2007	% of 2007	% of Differ.
	%	S. R. S.	S. R. S.		%	S. R. S.	S. R. S.	
F	48.94	1456	49.32	-0.39	48.94	1480	49.87	-0.93
M	50.88	1492	50.54	0.34	50.88	1485	50.03	0.85
Miss	0.18	4	0.14	0.05	0.18	3	0.10	0.08
Total	100.00	2952	100.00	0.00	100.00	2968	100.00	0.00

Note: F. Female; M. Male; Miss: Missing