

# **The 2014 National Assessments of English Reading and Mathematics**

**e-Appendix (to Performance Report)**

**Educational Research Centre**

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### **Note on the e-Appendix**

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Tables in the e-Appendix in which an A precedes the table number are expansions of corresponding tables in the Performance Report. For example, e-Appendix Table A3.1 is an expansion of Table 3.1 in the report. There are also additional data tables in the e-Appendix in which an E precedes the table number (e.g. e-Appendix Table E3.1). The e-Appendix also contains tabulation corresponding to figures in the main report.

## Chapter 3

Tables A3.1 and A3.3 and Figures 3.1 and 3.2 (tabulation): Mean percent correct and scale scores for reading components and process skills, by year, Second class

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
Content Area	M	SE	M	SE	M	SE	M	SE			
Comprehension	62.8	0.80	250.0	1.70	67.5	0.71	262.5	1.61	2.37	<b>7.9</b>	<b>17.1</b>
Vocabulary	63.1	0.78	250.0	1.72	69.7	0.67	264.9	1.55	2.32	<b>10.4</b>	<b>19.4</b>
Process Skill											
Retrieve	65.0	0.80	250.0	1.63	68.8	0.74	260.5	1.54	2.24	<b>6.1</b>	<b>14.9</b>
Infer	59.2	0.87	250.0	1.71	65.1	0.73	263.2	1.48	2.26	<b>8.8</b>	<b>17.6</b>
Interpret & Integrate	61.5	0.89	250.0	1.61	64.8	0.86	261.1	1.40	2.13	<b>6.9</b>	<b>15.3</b>
<b>Overall</b>	<b>62.9</b>	<b>0.77</b>	<b>250.0</b>	<b>1.77</b>	<b>68.4</b>	<b>0.86</b>	<b>264.0</b>	<b>1.65</b>	<b>2.42</b>	<b>9.3</b>	<b>18.7</b>

N (2009) = 3839 ; N (2014) = 4099.

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

Table A3.2: Overall reading and reading component achievement at key percentile points, by year, Second class

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Vocabulary	2009	186.6	1.68	208.9	1.98	247.3	2.47	284.7	2.54	319.1	2.13
	2014	<b>197.4</b>	2.20	<b>229.0</b>	2.08	<b>264.6</b>	1.90	<b>299.4</b>	1.87	<b>331.7</b>	2.09
Comprehension	2009	185.0	1.71	210.6	2.05	247.2	2.11	285.9	2.55	317.1	2.05
	2014	<b>199.7</b>	2.09	<b>228.9</b>	2.26	<b>262.0</b>	1.99	<b>295.7</b>	1.94	<b>323.4</b>	1.71
Overall	2009	186.4	1.82	211.4	1.97	246.6	2.01	282.4	2.32	318.8	2.42
	2014	<b>199.9</b>	2.28	<b>229.7</b>	2.01	<b>261.6</b>	1.92	<b>296.7</b>	2.15	<b>328.1</b>	1.94

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.1: Reading achievement for process skills at key percentile points, by year, Second class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Retrieve	2009	182.8	1.65	209.8	2.42	248.0	2.22	288.7	2.06	321.2	2.81
	2014	<b>197.8</b>	2.29	<b>227.1</b>	2.03	<b>260.8</b>	1.84	<b>296.4</b>	1.83	320.4	2.71
Infer	2009	180.2	1.46	212.3	2.14	250.0	2.15	288.5	2.67	319.6	2.04
	2014	<b>198.4</b>	1.72	<b>228.6</b>	2.05	<b>264.9</b>	1.56	<b>299.6</b>	1.42	322.7	0.65
Interpret & Integrate	2009	174.8	2.80	207.5	2.58	251.7	2.20	295.3	1.39	313.5	1.11
	2014	<b>201.0</b>	0.40	<b>231.8</b>	3.47	<b>260.8</b>	2.36	296.6	0.13	313.0	0.54

2014 scores in bold are significantly different from the corresponding 2009 score.

**Tables A3.5 and A3.7 and Figures 3.4 and 3.5 (tabulation): Mean percent correct and scale scores for reading components and process skills, by year, Sixth class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Comprehension	65.5	0.70	250.0	1.75	69.5	0.59	260.5	1.52	2.32	<b>6.0</b>	<b>15.0</b>
Vocabulary	63.8	0.82	250.0	1.85	70.4	0.60	265.2	1.53	2.40	<b>10.5</b>	<b>19.9</b>
<b>Process Skill</b>											
Retrieve	69.6	0.69	250.0	1.68	73.3	0.60	259.7	1.46	2.23	<b>5.3</b>	<b>14.1</b>
Infer	65.1	0.72	250.0	1.75	66.9	0.62	259.9	1.38	2.23	<b>5.5</b>	<b>14.3</b>
Interpret & Integrate	54.3	0.78	250.0	1.60	64.6	0.66	258.5	1.37	2.11	<b>4.4</b>	<b>12.6</b>
Examine & Evaluate	62.6	1.01	249.9	1.60	74.4	0.77	254.6	1.05	1.91	<b>0.8</b>	<b>8.4</b>
<b>Overall</b>	65.0	0.71	250.0	1.82	69.8	0.59	263.0	1.55	2.40	<b>8.3</b>	<b>17.7</b>

N (2009) = 3803, except Evaluate N = 2857; N (2014) = 4166.

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A3.6: Overall reading and reading component achievement at key percentile points, by year, Sixth class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Vocabulary	2009	182.0	2.76	211.8	2.43	249.7	2.02	285.3	2.16	316.0	2.89
	2014	<b>202.0</b>	2.24	<b>231.3</b>	1.65	<b>265.5</b>	2.05	<b>299.1</b>	1.39	<b>330.1</b>	0.50
Comprehension	2009	183.0	2.49	214.5	2.03	250.0	2.62	285.5	2.05	314.8	2.00
	2014	<b>195.9</b>	2.08	<b>226.6</b>	1.70	<b>261.0</b>	1.89	<b>294.3</b>	1.43	<b>324.0</b>	1.85
Overall	2009	182.9	2.55	211.7	2.46	249.8	2.35	284.9	2.04	315.7	2.16
	2014	<b>199.2</b>	1.97	<b>229.3</b>	1.70	<b>262.1</b>	1.54	<b>297.1</b>	1.93	<b>328.1</b>	1.95

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.2: Reading achievement for process skills at key percentile points, by year, Sixth class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Retrieve	2009	180.8	3.11	214.1	2.29	251.4	2.18	287.4	1.96	313.8	1.33
	2014	<b>194.3</b>	2.18	<b>226.0</b>	1.85	<b>261.1</b>	1.62	<b>297.2</b>	1.49	<b>321.5</b>	2.12
Infer	2009	183.2	1.86	211.3	2.33	250.1	2.35	289.2	2.28	315.5	1.55
	2014	<b>192.1</b>	1.93	<b>226.2</b>	2.16	<b>261.1</b>	1.27	<b>295.7</b>	1.77	321.6	2.73
Interpret & Integrate	2009	180.5	2.40	215.7	1.93	250.6	2.58	285.8	1.25	314.9	1.54
	2014	<b>191.9</b>	2.02	<b>226.5</b>	2.40	<b>260.9</b>	1.34	<b>293.4</b>	1.31	<b>320.0</b>	0.47
Examine & Evaluate	2009	159.2	1.54	210.9	5.38	262.0	1.60	287.0	0.61	292.7	1.02
	2014	<b>218.4</b>	0.36	<b>223.7</b>	0.20	262.2	0.43	<b>282.9</b>	1.35	<b>295.8</b>	0.48

2014 scores in bold are significantly different from the corresponding 2009 score.

**Tables A3.10 and A3.11 and Figures 3.7 and 3.8 (tabulation): Mean percent correct and scale scores for mathematics content areas and process skills, by year, Second class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	58.7	1.10	250.0	2.42	64.6	0.95	265.2	2.15	3.23	<b>8.9</b>	<b>21.5</b>
Shape & Space	72.7	0.69	250.0	1.84	68.7	0.63	258.8	1.46	2.34	<b>4.2</b>	<b>13.4</b>
Measures	49.0	1.19	250.0	2.51	54.5	0.85	261.7	1.82	3.10	<b>5.6</b>	<b>17.8</b>
Data	56.1	2.12	250.0	2.26	56.6	2.25	253.8	1.82	2.90	-1.9	9.5
<b>Process Skill</b>											
Understand & Recall	73.5	0.91	250.0	2.02	75.1	0.81	260.4	1.63	2.60	<b>5.3</b>	<b>15.5</b>
Implement	58.2	1.29	250.0	2.54	61.3	0.96	258.5	2.05	3.26	<b>2.1</b>	<b>14.9</b>
Reason	56.6	0.96	250.0	2.40	63.6	0.85	267.5	2.02	3.14	<b>11.4</b>	<b>14.4</b>
Integrate & Connect	64.4	1.14	250.0	2.20	68.9	0.84	259.2	1.51	2.67	<b>4.0</b>	<b>14.4</b>
Apply & Problem Solve	48.6	1.27	250.0	2.39	53.7	1.05	261.9	2.00	3.12	<b>5.8</b>	<b>18.0</b>
<b>Overall</b>	57.6	1.04	250.0	2.48	61.7	0.81	263.6	1.96	3.16	<b>7.4</b>	<b>19.8</b>

N (2009) = 3905, except Data, N = 2991 ; N (2014) = 4128, except Data, N = 3011.

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A3.10: Overall mathematics achievement at key percentile points, by year, Second class**

	Percentile rank									
	10th		25th		50th		75th		90th	
	SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
2009	184.0	3.43	214.7	2.76	250.2	2.08	285.8	2.57	313.3	3.76
2014	<b>199.5</b>	3.48	<b>230.3</b>	2.29	<b>265.1</b>	2.34	<b>297.3</b>	2.09	<b>324.0</b>	2.14

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.3: Mathematics achievement for content areas at key percentile points, by year, Second class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Number & Algebra	2009	184.0	3.63	215.0	3.30	250.1	2.49	284.9	3.00	316.0	2.95
	2014	<b>197.4</b>	3.30	<b>230.9</b>	2.66	<b>266.9</b>	2.50	<b>301.8</b>	2.26	<b>329.7</b>	2.43
Shape & Space	2009	181.9	3.37	212.9	3.64	254.9	2.46	286.7	1.42	316.0	0.80
	2014	<b>191.6</b>	2.01	<b>226.0</b>	1.93	<b>262.4</b>	1.61	<b>292.4</b>	1.47	<b>321.1</b>	0.94
Measures	2009	182.6	2.99	213.0	3.19	249.4	2.56	285.5	2.89	316.4	3.14
	2014	<b>197.5</b>	2.28	<b>228.1</b>	2.54	<b>263.1</b>	2.22	<b>295.7</b>	1.88	322.4	1.71
Data	2009	191.9	3.24	204.0	4.75	243.4	4.56	285.7	0.25	320.6	5.89
	2014	<b>205.1</b>	0.06	206.4	3.09	<b>262.2</b>	8.15	282.0	0.31	322.4	7.07

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.4: Mathematics achievement for process skills at key percentile points, by year, Second class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Understand & Recall	2009	175.9	3.70	216.8	3.74	257.3	1.54	297.3	3.06	306.0	1.70
	2014	<b>187.6</b>	2.57	224.8	4.42	<b>269.1</b>	1.20	301.7	3.30	<b>316.5</b>	0.57
Implement	2009	180.5	4.23	215.2	3.60	251.8	2.93	286.6	2.36	312.2	1.69
	2014	<b>191.3</b>	3.17	<b>225.1</b>	2.38	<b>260.6</b>	2.62	<b>295.7</b>	1.78	<b>319.2</b>	0.91
Reason	2009	184.8	2.27	213.1	2.54	248.3	2.82	284.7	3.86	319.2	3.08
	2014	<b>198.4</b>	2.10	<b>231.6</b>	2.71	<b>268.9</b>	2.62	<b>307.5</b>	2.19	<b>333.3</b>	1.65
Integrate & Connect	2009	181.8	2.92	217.0	3.13	250.6	3.84	285.8	5.16	316.3	3.11
	2014	<b>202.1</b>	3.59	<b>231.2</b>	2.11	<b>263.9</b>	1.51	<b>303.0</b>	0.48	310.8	0.68
Apply & Problem Solve	2009	182.4	3.12	211.0	3.18	249.5	2.78	284.8	2.90	317.5	3.86
	2014	<b>195.3</b>	2.88	<b>228.0</b>	2.65	<b>263.5</b>	2.65	<b>296.0</b>	2.16	325.0	1.85

2014 scores in bold are significantly different from the corresponding 2009 score.

**Tables A3.15 and A3.16 and Figures 3.10 and 3.11 (tabulation): Mean percent correct and scale scores for mathematics content areas and process skills, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>			
<b>Content Area</b>											
Number & Algebra	57.6	1.05	250.0	2.34	63.4	0.89	260.8	2.07	2.35	<b>6.2</b>	<b>15.4</b>
Shape & Space	58.8	0.98	250.0	2.28	61.5	0.82	262.8	1.85	2.11	<b>8.7</b>	<b>16.9</b>
Measures	38.2	0.97	250.0	2.16	41.6	0.96	258.5	2.09	2.39	<b>3.8</b>	<b>13.2</b>
Data	63.5	0.99	250.0	1.99	62.6	0.87	259.0	1.77	2.10	<b>4.9</b>	<b>13.1</b>
<b>Process Skill</b>											
Understand & Recall	54.2	1.21	250.0	2.44	57.3	0.96	260.2	1.90	3.09	<b>4.1</b>	<b>16.3</b>
Implement	58.6	1.04	250.0	2.31	65.1	0.92	262.8	2.12	3.14	<b>6.7</b>	<b>18.9</b>
Reason	62.8	0.87	250.0	2.07	66.5	0.77	261.6	1.82	2.76	<b>6.2</b>	<b>17.0</b>
Integrate & Connect	58.5	1.18	250.0	1.93	65.2	1.03	257.4	1.59	2.50	<b>2.5</b>	<b>12.3</b>
Apply & Problem Solve	44.2	1.06	250.0	2.35	49.0	0.94	259.2	2.10	3.15	<b>3.0</b>	<b>15.4</b>
<b>Overall</b>	54.6	0.98	250.0	2.35	59.0	0.84	261.7	2.07	3.13	<b>5.6</b>	<b>17.8</b>

N (2009) = 3832, except Integrate & Connect, N = 3200; N (2014) = 3312, except Integrate & Connect, N = 2759.  
 The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A3.14: Overall mathematics achievement at key percentile points, by year, Sixth class**

	Percentile rank									
	10th		25th		50th		75th		90th	
	SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
2009	183.4	1.94	213.8	2.93	248.7	2.71	285.6	2.35	314.5	2.31
2014	<b>198.0</b>	2.25	<b>227.3</b>	2.18	<b>261.3</b>	2.89	<b>296.6</b>	2.22	<b>326.0</b>	2.56

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.5: Mathematics achievement for content areas at key percentile points, by year, Sixth class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Number & Algebra	2009	184.9	2.10	212.8	2.66	247.7	2.91	286.8	2.59	315.2	2.31
	2014	<b>195.9</b>	2.24	<b>225.7</b>	2.55	<b>260.2</b>	2.62	<b>295.6</b>	2.45	<b>324.5</b>	2.30
Shape & Space	2009	183.6	2.96	211.9	3.27	250.3	3.35	288.0	2.71	315.6	2.54
	2014	<b>197.3</b>	2.35	<b>230.9</b>	2.88	<b>264.0</b>	2.18	<b>297.4</b>	1.79	<b>322.0</b>	1.89
Measures	2009	184.8	1.25	210.4	2.05	245.9	2.89	286.3	2.97	319.6	2.63
	2014	<b>191.9</b>	1.81	<b>218.0</b>	1.83	<b>254.9</b>	2.71	<b>295.9</b>	2.54	326.7	3.06
Data	2009	180.7	3.57	212.9	3.04	251.7	2.82	290.0	2.51	311.6	2.22
	2014	<b>192.3</b>	1.30	<b>226.3</b>	2.21	<b>261.7</b>	3.00	<b>296.1</b>	1.12	<b>325.2</b>	1.44

2014 scores in bold are significantly different from the corresponding 2009 score.

**Table E3.6: Mathematics achievement for process skills at key percentile points, by year, Sixth class**

		Percentile rank									
		10th		25th		50th		75th		90th	
		SS	SE	SS	SE	SS	SE	SS	SE	SS	SE
Understand & Recall	2009	175.9	3.70	216.8	3.74	257.3	1.54	297.3	3.06	306.0	1.70
	2014	<b>195.1</b>	2.93	<b>227.6</b>	2.74	262.4	2.44	293.9	1.79	<b>321.3</b>	1.86
Implement	2009	180.5	4.23	215.2	3.60	251.8	2.93	286.6	2.36	312.2	1.69
	2014	<b>196.2</b>	2.99	<b>226.9</b>	2.29	<b>264.8</b>	3.08	<b>300.1</b>	2.22	<b>326.6</b>	2.38
Reason	2009	184.8	2.27	213.1	2.54	248.3	2.82	284.7	3.86	319.2	3.08
	2014	<b>195.0</b>	2.13	<b>227.9</b>	2.35	<b>263.1</b>	2.77	<b>296.9</b>	2.24	325.0	2.02
Integrate & Connect	2009	181.8	2.92	217.0	3.13	250.6	3.84	285.8	5.16	316.3	3.11
	2014	<b>196.6</b>	5.25	216.2	0.27	<b>261.9</b>	1.27	<b>298.7</b>	0.90	304.1	0.74
Apply & Problem Solve	2009	182.4	3.12	211.0	3.18	249.5	2.78	284.8	2.90	317.5	3.86
	2014	<b>192.8</b>	1.99	<b>222.6</b>	2.34	<b>257.3</b>	2.82	<b>294.4</b>	2.34	325.4	2.65

2014 scores in bold are significantly different from the corresponding 2009 score.

**Tables A3.4 and A3.13: Proficiency level distributions, by year, Second class**

		Reading			Mathematics		
		%	Mean Scale Score	SE	%	Mean Scale Score	SE
Proficiency Level 4	2009	10.0	343.1	1.82	10.0	336.5	0.96
	2014	13.5	342.1	0.84	14.5	337.4	1.02
Proficiency Level 3	2009	25.0	290.4	0.66	25.0	290.2	0.50
	2014	32.0	291.4	0.59	32.7	290.6	0.41
Proficiency Level 2	2009	30.0	246.5	0.41	30.0	250.6	0.45
	2014	32.8	247.2	0.42	27.3	251.5	0.35
Proficiency Level 1	2009	25.0	207.3	0.60	25.0	209.4	1.02
	2014	16.5	207.5	0.49	19.4	212.6	0.67
Below Proficiency Level 1	2009	10.0	173.2	0.88	10.0	160.8	0.96
	2014	5.1	176.0	0.72	6.2	161.4	2.60

**Tables A3.8 and A3.17: Proficiency level distributions, by year, Sixth class**

		Reading			Mathematics		
		%	Mean Scale Score	SE	%	Mean Scale Score	SE
Proficiency Level 4	2009	10.0	165.3	1.50	10.0	336.3	1.13
	2014	14.3	339.4	0.85	14.9	337.0	1.02
Proficiency Level 3	2009	25.0	290.5	0.64	25.0	291.5	0.54
	2014	29.6	291.9	0.43	27.2	291.9	0.42
Proficiency Level 2	2009	30.0	250.5	0.53	30.0	249.6	0.46
	2014	31.3	250.4	0.49	31.4	251.2	0.50
Proficiency Level 1	2009	25.0	208.0	0.52	25.0	208.2	0.53
	2014	19.8	210.5	0.48	20.9	210.6	0.59
Below Proficiency Level 1	2009	10.0	165.3	1.50	10.0	165.9	1.55
	2014	5.0	161.5	1.63	5.6	163.8	1.48

## Chapter 4

Tables A4.1 and A4.2, and Figures 4.1 and 4.2 (tabulation): Mean percent correct and scale scores for reading components and process skills, by gender, Second class

Content Area	Boys				Girls				Boys – Girls		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Comprehension	65.5	0.87	258.1	1.95	69.5	0.80	266.8	1.81	2.02	<b>-12.7</b>	<b>-4.6</b>
Vocabulary	69.2	0.83	263.3	1.96	70.2	0.88	266.6	2.05	2.53	-8.4	1.7
<b>Process Skill</b>											
Retrieve	67.0	0.92	256.8	1.89	70.7	0.81	264.1	1.77	2.03	<b>-11.4</b>	<b>-3.3</b>
Infer	62.9	0.85	258.8	1.75	67.2	0.86	267.6	1.68	1.84	<b>-12.4</b>	<b>-5.1</b>
Interpret & Integrate	62.0	1.06	257.2	1.67	67.6	1.08	265.0	1.71	1.94	<b>-12.4</b>	<b>-5.1</b>
<b>Overall</b>	66.9	0.83	260.4	2.01	69.8	0.80	267.5	1.98	2.26	<b>-11.5</b>	<b>-2.5</b>

N(Boys) = 2069, N(Girls) = 2030

The comparison *Boys – Girls* refers to scale scores, not to % correct. Significant differences are indicated by bold font.

Table A4.1a and A4.2a: Boys' mean percent correct and scale scores for reading components and process skills, by year, Second class

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	% correct	
	M	SE	M	SE	M	SE	M	SE			
Comprehension	59.2	1.13	242.6	2.39	65.5	0.87	258.1	1.95	3.08	<b>9.5</b>	<b>21.5</b>
Vocabulary	61.2	0.94	245.8	2.13	69.2	0.83	263.3	1.96	3.07	<b>2.6</b>	<b>14.6</b>
<b>Process Skill</b>											
Retrieve	61.3	1.19	242.8	2.45	67.0	0.92	256.8	1.89	3.09	<b>7.9</b>	<b>20.1</b>
Infer	56.3	1.15	244.6	2.29	62.9	0.85	258.8	1.75	2.88	<b>8.6</b>	<b>19.8</b>
Interpret & Integrate	57.4	1.16	243.5	2.07	62.0	1.06	257.2	1.67	2.66	<b>8.5</b>	<b>18.9</b>
<b>Overall</b>	60.0	1.02	243.4	2.31	66.9	0.83	260.4	2.01	3.06	<b>11.0</b>	<b>23.0</b>

The comparison *2014 – 2009* refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.1b and A4.1b: Girls' mean percent correct and scale scores for reading components and process skills, by year, Second class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	% correct	
	M	SE	M	SE	M	SE	M	SE		95% BCI	
Comprehension	66.5	0.97	257.7	2.16	69.5	0.80	266.8	1.81	2.82	<b>3.6</b>	<b>14.6</b>
Vocabulary	65.0	0.99	254.4	2.21	70.2	0.88	266.8	2.05	3.01	<b>6.3</b>	<b>18.1</b>
<b>Process Skill</b>											
Retrieve	68.8	0.96	257.6	2.12	70.7	0.81	264.1	1.77	2.76	<b>1.1</b>	<b>11.9</b>
Infer	62.2	1.07	255.7	2.04	67.2	0.86	267.6	1.68	2.64	<b>6.7</b>	<b>17.1</b>
Interpret & Integrate	65.8	1.09	256.8	1.77	67.6	1.08	265.0	1.71	2.46	<b>3.4</b>	<b>13.0</b>
<b>Overall</b>	65.9	0.95	256.9	2.29	69.8	0.80	267.5	1.98	3.03	<b>4.7</b>	<b>16.5</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.4 and A4.5 and Figures 4.3 and 4.4 (tabulation): Mean percent correct and scale scores for reading components and process skills, by gender, Sixth class**

Content Area	Boys				Girls				Boys – Girls		
	% correct		Scale Score		% correct		Scale Score		SED	% correct	
	M	SE	M	SE	M	SE	M	SE		95% BCI	
Comprehension	68.3	0.78	257.5	2.02	70.6	0.78	263.3	2.03	2.68	<b>-11.1</b>	<b>-0.5</b>
Vocabulary	69.8	0.83	263.8	1.89	70.9	0.93	266.5	2.23	2.77	-8.2	2.8
<b>Process Skill</b>											
Retrieve	71.8	0.83	255.4	1.98	74.8	0.81	263.8	1.96	2.68	<b>-13.8</b>	<b>-3.1</b>
Infer	66.3	0.78	258.9	1.79	67.5	0.85	260.7	1.94	2.52	-6.8	3.2
Interpret & Integrate	63.8	0.90	257.4	1.84	65.4	0.81	259.5	1.66	2.17	-6.4	2.3
Examine & Evaluate	72.9	1.02	252.3	1.31	75.8	1.05	256.7	1.58	2.00	<b>-8.4</b>	<b>-0.4</b>
<b>Overall</b>	68.7	0.77	260.5	1.99	70.7	0.81	265.4	2.17	2.77	-10.3	0.7

N(Boys) = 2024, N(Girls) = 2142

The comparison Boys – Girls refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.4a and A4.5a: Boys' mean percent correct and scale scores for reading components and process skills, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	% correct	
	M	SE	M	SE	M	SE	M	SE		95% BCI	
<b>Content Area</b>											
Comprehension	64.3	0.97	247.0	2.44	68.3	0.78	257.5	2.02	3.17	<b>4.3</b>	<b>16.7</b>
Vocabulary	63.3	1.08	249.0	2.41	69.8	0.83	263.8	1.89	3.06	<b>8.8</b>	<b>20.8</b>
<b>Process Skill</b>											
Retrieve	68.4	0.96	247.1	2.35	71.8	0.83	255.4	1.98	3.07	<b>2.3</b>	<b>14.3</b>
Infer	63.9	0.99	247.9	2.39	66.3	0.78	258.9	1.79	2.99	<b>5.1</b>	<b>16.9</b>
Interpret & Integrate	54.2	1.14	249.6	2.29	63.8	0.90	257.4	1.84	2.94	<b>2.0</b>	<b>13.6</b>
Examine & Evaluate	60.8	1.39	246.9	2.21	72.9	1.02	252.3	1.31	2.57	<b>0.4</b>	<b>10.4</b>
<b>Overall</b>	64.0	0.98	247.8	2.46	68.7	0.77	260.5	1.99	3.16	<b>6.5</b>	<b>18.9</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.4b and A4.5b: Girls' mean percent correct and scale scores for reading components and process skills, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	% correct	
	M	SE	M	SE	M	SE	M	SE		95% BCI	
<b>Content Area</b>											
Comprehension	66.9	0.85	253.2	2.18	70.6	0.78	263.3	2.03	2.98	<b>4.3</b>	<b>15.9</b>
Vocabulary	64.4	1.03	251.1	2.35	70.9	0.93	266.5	2.23	3.24	<b>9.1</b>	<b>21.7</b>
<b>Process Skill</b>											
Retrieve	70.9	0.82	253.2	2.01	74.8	0.81	263.8	1.96	2.81	<b>5.1</b>	<b>16.1</b>
Infer	66.3	0.90	252.2	2.13	67.5	0.85	260.7	1.94	2.88	<b>2.9</b>	<b>14.1</b>
Interpret & Integrate	54.5	0.91	250.5	1.95	65.4	0.81	259.5	1.66	2.56	<b>4.0</b>	<b>14.0</b>
Examine & Evaluate	64.5	1.78	253.3	2.42	75.8	1.05	256.7	1.58	3.40	-2.3	9.1
<b>Overall</b>	66.1	0.88	252.4	2.32	70.7	0.81	265.4	2.17	3.18	<b>6.8</b>	<b>19.2</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Tables A4.7 and A4.8 and Figures 4.5 and 4.6 (tabulation): Mean percent correct and scale scores for mathematics content areas and process skills, by gender, Second class**

Content Area	Boys				Girls				Boys – Girls		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	65.6	1.00	266.9	2.25	64.5	1.21	263.6	2.74	2.52	-1.7	8.4
Shape & Space	68.4	0.77	257.6	1.86	69.1	0.74	260.0	1.71	2.08	-6.6	1.7
Measures	55.7	1.02	265.4	2.10	53.2	1.02	258.0	2.28	2.45	<b>2.5</b>	<b>12.3</b>
Data	56.4	2.45	256.4	2.29	56.7	2.51	251.3	1.97	2.16	<b>0.8</b>	<b>9.4</b>
<b>Process Skill</b>											
Understand & Recall	75.3	0.92	260.5	1.86	75.0	1.04	260.3	2.09	2.25	-4.3	4.6
Implement	60.7	0.98	257.9	2.04	62.0	1.20	259.2	2.58	2.55	-2.5	7.7
Reason	64.1	0.92	268.8	2.17	63.0	1.09	266.2	2.60	2.21	-5.8	3.0
Integrate & Connect	69.4	0.86	261.0	1.85	68.5	1.13	257.3	1.91	2.21	-0.7	8.1
Apply & Problem Solve	55.7	1.20	266.1	2.20	51.7	1.29	257.7	2.56	2.64	<b>3.2</b>	<b>13.7</b>
Overall	62.8	0.92	266.4	2.22	61.4	1.00	260.9	2.45	2.53	<b>0.4</b>	<b>10.5</b>

N(Boys) = 2096, N(Girls) = 2031, except Data, N(Boys) = 1534, N(Girls) = 1565  
 The comparison *Boys – Girls* refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.7a and A4.8a: Boys' mean percent correct and scale scores for mathematics content areas and process skills, by year, Second class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	59.1	1.25	251.1	2.73	65.6	1.00	266.9	2.25	3.54	<b>8.9</b>	<b>22.7</b>
Shape & Space	72.6	0.97	249.4	2.61	68.4	0.77	257.7	1.86	3.20	<b>2.0</b>	<b>14.6</b>
Measures	49.6	1.33	252.0	2.93	55.7	1.02	265.4	2.10	3.60	<b>6.3</b>	<b>20.5</b>
Data	55.7	2.23	50.8	2.39	56.4	2.45	256.4	2.29	3.31	-0.9	12.1
<b>Process Skill</b>											
Understand & Recall	73.2	1.17	249.7	2.42	75.3	0.92	260.5	1.86	3.05	<b>4.8</b>	<b>16.8</b>
Implement	57.2	1.44	248.2	2.83	60.7	0.98	257.9	2.04	3.49	<b>2.9</b>	<b>16.5</b>
Reason	57.0	1.14	251.2	2.80	64.1	0.92	268.8	2.17	3.54	<b>10.7</b>	<b>24.5</b>
Integrate & Connect	64.7	1.25	251.3	2.40	69.4	0.86	261.0	1.85	3.03	<b>3.8</b>	<b>15.6</b>
Apply & Problem Solve	49.9	1.42	252.9	2.84	55.7	1.20	266.1	2.20	3.27	<b>2.3</b>	<b>15.1</b>
Overall	58.0	1.16	251.5	2.83	62.8	0.92	266.4	2.22	3.60	<b>7.9</b>	<b>21.9</b>

The comparison *2014 – 2009* refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.7b and A4.8b: Girls' mean percent correct and scale scores for mathematics content areas and process skills, by year, Second class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	58.4	1.27	248.8	2.80	64.5	1.21	263.6	2.74	3.92	<b>7.1</b>	<b>22.5</b>
Shape & Space	72.8	0.86	250.6	2.28	69.1	0.74	260.0	1.71	2.85	<b>3.8</b>	<b>15.0</b>
Measures	48.3	1.43	247.8	2.82	53.2	1.02	258.1	2.27	3.62	<b>3.2</b>	<b>17.4</b>
Data	56.4	2.55	249.1	2.75	56.7	2.51	251.3	1.97	3.38	-4.4	8.8
<b>Process Skill</b>											
Understand & Recall	73.9	1.13	250.4	2.60	75.0	1.04	260.3	2.09	3.35	<b>3.4</b>	<b>16.4</b>
Implement	59.3	1.53	251.9	2.99	62.0	1.20	259.2	2.58	3.95	-0.4	15.0
Reason	56.2	1.13	248.6	2.70	63.0	1.09	266.2	2.60	3.75	<b>10.3</b>	<b>24.9</b>
Integrate & Connect	64.0	1.36	248.6	2.65	68.5	1.13	257.3	1.91	3.27	<b>2.3</b>	<b>15.1</b>
Apply & Problem Solve	47.2	1.27	246.9	2.68	51.7	1.29	257.7	2.56	3.71	<b>3.5</b>	<b>18.1</b>
Overall	57.3	1.23	248.4	2.81	61.4	1.00	260.0	2.56	3.70	<b>5.2</b>	<b>19.8</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Tables A4.10 and A4.11 and Figures 4.7 and 4.8 (tabulation): Mean percent correct and scale scores for mathematics content areas and process skills, by gender, Sixth class**

Content Area	Boys				Girls				Boys – Girls		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	63.9	1.09	262.6	2.56	63.0	1.12	259.2	2.59	3.06	-2.7	9.5
Shape & Space	61.6	0.95	262.4	2.19	61.5	1.04	263.2	2.32	2.62	-6.1	4.4
Measures	43.1	1.20	262.1	2.60	40.3	1.15	255.4	2.52	2.94	<b>0.8</b>	<b>12.6</b>
Data	62.3	1.14	259.7	2.08	62.6	0.87	258.4	2.30	2.61	-3.9	6.5
<b>Process Skill</b>											
Understand & Recall	57.4	1.21	260.4	2.36	57.2	1.24	260.1	2.47	3.02	-5.7	6.4
Implement	64.7	1.13	262.3	2.57	65.4	1.11	263.2	2.56	2.89	-6.7	4.9
Reason	66.4	0.96	261.7	2.27	66.6	0.99	261.4	2.36	2.87	-5.4	6.1
Integrate & Connect	54.5	1.05	257.9	1.86	54.2	1.16	257.0	2.21	2.62	-4.3	6.2
Apply & Problem Solve	50.9	1.08	263.4	2.51	47.3	1.14	255.6	2.54	2.81	<b>2.2</b>	<b>13.4</b>
Overall	59.6	1.00	263.7	2.54	58.5	1.06	260.0	2.56	2.96	-4.0	11.3

N(Boys) = 1545, N(Girls) = 1767, except Integrate & Connect, N(Boys) = 1275, N(Girls) = 1484  
 The comparison Boys – Girls refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.10a and A4.11a: Boys' mean percent correct and scale scores for mathematics content areas and process skills, by year, Sixth class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	58.6	1.12	252.6	2.56	63.9	1.09	262.6	2.56	3.62	<b>2.9</b>	<b>17.1</b>
Shape & Space	59.2	1.01	250.8	2.39	61.6	0.95	262.4	2.19	3.24	<b>5.2</b>	<b>18.0</b>
Measures	40.3	1.16	254.2	2.46	43.1	1.20	262.1	2.60	3.58	<b>0.9</b>	<b>14.9</b>
Data	64.0	1.13	251.3	2.22	62.3	1.14	259.7	2.08	3.04	<b>2.4</b>	<b>14.4</b>
<b>Process Skill</b>											
Understand & Recall	54.9	1.23	251.5	2.52	57.4	1.21	260.4	2.36	3.45	<b>2.1</b>	<b>15.7</b>
Implement	59.1	1.21	251.1	2.71	64.7	1.13	262.3	2.57	3.73	<b>3.9</b>	<b>18.5</b>
Reason	63.3	0.96	251.6	2.23	66.4	0.96	261.7	2.27	3.18	<b>3.9</b>	<b>16.3</b>
Integrate & Connect	59.7	1.24	252.3	1.86	54.5	1.05	257.9	1.86	2.63	<b>0.4</b>	<b>10.8</b>
Apply & Problem Solve	46.4	1.18	254.3	2.55	50.9	1.08	263.4	2.51	3.58	<b>2.1</b>	<b>16.1</b>
Overall	55.7	1.05	252.8	2.55	59.6	1.00	263.7	2.54	3.60	<b>3.8</b>	<b>18.0</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A4.10b and A4.11b: Girls' mean percent correct and scale scores for mathematics content areas and process skills, by year, Sixth class**

Content Area	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
Number & Algebra	56.5	1.50	247.2	3.28	63.0	1.12	259.2	2.59	4.18	<b>3.8</b>	<b>20.2</b>
Shape & Space	58.4	1.33	249.1	3.10	61.5	1.04	263.2	2.32	3.87	<b>6.5</b>	<b>21.7</b>
Measures	36.0	1.22	245.5	2.78	40.3	1.15	255.4	2.52	3.75	<b>2.5</b>	<b>17.3</b>
Data	63.1	1.58	248.6	3.18	62.6	0.87	258.4	2.30	3.92	<b>2.1</b>	<b>17.5</b>
<b>Process Skill</b>											
Understand & Recall	53.5	1.60	248.5	2.18	57.2	1.24	260.1	2.47	3.29	<b>5.1</b>	<b>18.1</b>
Implement	58.1	1.39	248.9	3.11	65.4	1.11	263.2	2.56	4.03	<b>6.4</b>	<b>22.2</b>
Reason	62.4	1.29	248.2	3.10	66.6	0.99	261.4	2.36	3.90	<b>5.6</b>	<b>20.8</b>
Integrate & Connect	57.1	1.87	247.6	2.99	54.2	1.16	257.0	2.21	3.72	<b>2.1</b>	<b>16.7</b>
Apply & Problem Solve	42.0	1.45	245.4	3.27	47.3	1.14	255.6	2.54	4.14	<b>2.1</b>	<b>18.3</b>
Overall	53.5	1.37	247.0	3.27	58.5	1.06	260.0	2.56	4.15	<b>4.9</b>	<b>21.1</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

## Chapter 5

**Table A5.2a: Mean percent correct and scale scores for the overall reading scale, by year, Second class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	48.6	2.51	218.0	4.47	54.7	1.59	231.9	3.33	3.33	<b>3.0</b>	<b>24.8</b>
Urban Band 2	53.6	2.05	228.5	3.96	64.2	1.54	254.9	3.88	3.88	<b>16.2</b>	<b>36.8</b>
Urban, not in SSP	64.2	1.07	252.6	2.39	70.0	0.88	267.9	2.28	2.28	<b>8.8</b>	<b>21.8</b>
SSP Rural	67.1	3.10	261.6	6.38	69.8	2.25	266.8	4.19	4.19	-9.8	20.2
Rural, not in SSP	66.3	1.14	257.6	2.94	70.0	0.89	267.5	2.26	2.26	<b>2.6</b>	<b>17.2</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.2b: Mean percent correct and scale scores for the comprehension subscale scale, by year, Second class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	48.6	2.49	220.5	4.34	54.1	1.57	232.7	3.06	5.31	<b>1.8</b>	<b>22.6</b>
Urban Band 2	53.8	2.22	230.5	4.09	63.6	1.81	254.9	4.19	5.86	<b>12.9</b>	<b>35.9</b>
Urban, not in SSP	64.1	1.15	252.3	2.42	69.3	0.88	266.3	2.10	3.20	<b>7.7</b>	<b>20.3</b>
SSP Rural	66.0	3.19	258.9	6.71	68.8	2.55	263.6	4.59	8.13	-11.2	20.6
Rural, not in SSP	66.1	1.26	257.2	2.90	69.0	0.94	265.6	2.19	3.63	<b>1.3</b>	<b>15.5</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.2c: Mean percent correct and scale scores for the vocabulary subscale, by year, Second class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	48.5	2.62	217.3	4.86	55.6	1.79	232.8	3.96	6.27	<b>3.2</b>	<b>27.8</b>
Urban Band 2	53.4	2.34	228.0	3.94	65.3	1.42	254.2	3.38	5.19	<b>16.0</b>	<b>36.4</b>
Urban, not in SSP	64.4	1.01	253.1	2.16	71.1	0.95	268.5	2.30	3.16	<b>9.2</b>	<b>21.6</b>
SSP Rural	69.1	3.29	265.4	6.14	71.4	1.94	269.2	3.99	7.32	-10.6	18.2
Rural, not in SSP	66.6	1.07	257.1	2.67	71.8	0.89	269.1	2.06	3.37	<b>5.4</b>	<b>18.6</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.4a: Mean percent correct and scale scores for the overall reading scale, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	52.7	3.05	219.7	7.21	58.2	1.00	233.2	2.41	7.60	-1.4	28.4
Urban Band 2	57.1	2.29	231.8	5.11	63.3	1.21	246.0	2.88	5.94	<b>0.5</b>	<b>23.7</b>
Urban, not in SSP	66.5	1.05	253.9	2.66	71.4	0.76	267.2	2.13	3.49	<b>6.6</b>	<b>20.2</b>
SSP Rural	66.9	5.02	255.4	12.42	73.7	1.48	272.4	3.51	13.15	-15.1	36.5
Rural, not in SSP	66.3	1.71	252.2	4.26	71.5	0.80	267.6	2.03	4.69	<b>6.7</b>	<b>25.5</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.4b: Mean percent correct and scale scores for the comprehension subscale, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	53.8	2.97	220.5	7.17	58.8	1.16	233.2	2.84	7.28	-0.9	27.7
Urban Band 2	58.0	2.44	232.2	5.61	63.6	1.33	245.4	3.04	5.37	<b>5.8</b>	<b>26.8</b>
Urban, not in SSP	66.9	1.04	253.4	2.64	71.0	0.76	264.3	2.05	3.23	<b>9.1</b>	<b>21.7</b>
SSP Rural	67.4	5.04	255.7	13.10	73.3	1.55	269.5	3.91	11.32	-2.6	41.8
Rural, not in SSP	67.0	1.69	253.1	4.12	71.0	0.91	264.6	2.35	4.58	<b>9.3</b>	<b>27.3</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.4c: Mean percent correct and scale scores for the vocabulary subscale, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	50.5	3.40	221.3	6.96	56.9	1.03	234.7	2.14	7.71	-2.4	27.8
Urban Band 2	55.1	2.18	231.2	4.68	62.7	1.23	247.5	2.63	6.38	<b>0.7</b>	<b>25.7</b>
Urban, not in SSP	65.7	1.10	254.2	2.50	72.1	0.83	269.6	2.04	3.34	<b>4.3</b>	<b>17.5</b>
SSP Rural	66.0	5.11	254.9	10.96	74.8	1.51	274.5	2.83	13.67	-13.0	40.6
Rural, not in SSP	64.8	1.92	251.4	4.21	72.5	0.79	269.7	1.80	4.74	<b>2.2</b>	<b>20.8</b>

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.3: English reading proficiency level distributions, by year, Second class**

	Urban Band 1		Urban Band 2		Urban, not in SSP		SSP Rural		Rural, not in SSP											
	2009	2014	2009	2014	2009	2014	2009	2014	2009	2014										
	%	SE	%	SE	%	SE	%	SE	%	SE										
SSP/DEIS Status																				
Below Level 1	21.5	3.67	15.5	2.42	16.4	3.01	5.1	1.45	8.8	1.18	4.9	0.65	3.9	4.22	6.1	2.97	7.1	1.50	2.8	0.66
Level 1	42.0	2.42	28.4	2.81	33.4	1.93	23.2	3.13	22.8	1.39	14.3	1.05	27.5	6.63	10.8	4.76	22.5	2.17	16.5	1.77
Level 2	24.7	3.33	38.4	2.57	31.7	1.97	37.1	2.20	31.6	1.30	32.1	1.16	23.2	5.59	36.8	8.05	29.9	1.95	30.9	1.48
Level 3	10.4	2.97	16.1	3.02	16.5	2.03	25.2	3.54	26.8	1.29	33.5	1.48	33.8	11.41	32.4	2.47	28.0	1.74	35.0	1.55
Level 4	1.5	0.53	1.7	0.72	2.0	1.48	9.5	1.38	10.1	0.98	15.2	1.36	11.6	6.30	14.0	2.43	12.5	1.41	14.7	1.41

**Table A5.5: English reading proficiency level distributions, by year, Sixth class**

	Urban Band 1		Urban Band 2		Urban, not in SSP		SSP Rural		Rural, not in SSP											
	2009	2014	2009	2014	2009	2014	2009	2014	2009	2014										
	%	SE	%	SE	%	SE	%	SE	%	SE										
SSP/DEIS Status																				
Below Level 1	21.5	3.67	12.5	1.08	16.4	3.01	9.2	1.59	8.8	1.18	4.2	0.65	3.9	4.22	2.2	1.71	7.1	1.50	3.6	0.96
Level 1	42.0	2.42	34.8	1.97	33.4	1.93	29.0	2.42	22.8	1.39	17.5	0.95	27.5	6.63	14.2	4.90	22.5	2.17	17.8	1.70
Level 2	24.7	3.33	31.4	1.72	31.7	1.97	30.3	1.82	31.6	1.30	31.3	1.16	23.2	5.59	28.3	5.52	29.9	1.95	31.8	1.07
Level 3	10.4	2.97	17.9	2.12	16.5	2.03	22.6	1.81	26.8	1.29	31.4	1.06	33.8	11.41	43.6	5.15	28.0	1.74	29.8	2.08
Level 4	1.5	0.53	3.4	0.79	2.0	1.48	9.0	1.79	10.1	0.98	15.6	1.35	11.6	6.3	11.7	2.17	12.5	1.41	17.0	1.33

**Table A5.6: Mean percent correct and scale scores for the overall mathematics subscale, by year, Second class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	33.1	3.48	217.5	7.85	47.6	2.54	230.6	5.89	9.81	-6.1	32.3
Urban Band 2	38.9	4.19	229.3	7.50	59.3	2.46	258.5	6.00	8.97	<b>11.3</b>	<b>46.5</b>
Urban, not in SSP	49.0	1.72	251.2	2.84	64.4	0.91	269.7	2.20	3.59	<b>11.5</b>	<b>25.5</b>
SSP Rural	57.4	6.93	265.7	9.63	63.9	1.57	270.4	3.44	10.51	-15.9	25.3
Rural, not in SSP	52.4	2.31	259.2	4.93	61.6	1.31	262.9	3.21	5.88	-7.8	15.2

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.7: Mean percent correct and scale scores for the overall mathematics scale, by year, Sixth class**

	2009				2014				2014 – 2009		
	% correct		Scale Score		% correct		Scale Score		SED	95% BCI	
	M	SE	M	SE	M	SE	M	SE			
<b>SSP/DEIS Status</b>											
Urban Band 1	39.6	3.77	214.1	9.18	47.4	1.60	232.8	3.72	9.91	-0.7	38.1
Urban Band 2	46.4	1.99	230.7	4.25	50.5	1.93	240.9	4.65	6.30	-2.1	22.5
Urban, not in SSP	56.3	1.28	254.1	3.10	60.0	1.12	264.3	2.78	4.16	<b>2.0</b>	<b>18.4</b>
SSP Rural	52.5	5.48	244.8	12.19	66.8	2.49	280.8	6.17	13.66	<b>9.2</b>	<b>62.8</b>
Rural, not in SSP	57.4	2.35	256.4	5.62	61.5	1.39	267.7	3.37	6.55	-1.5	24.1

The comparison 2014 – 2009 refers to scale scores, not to % correct. Significant differences are indicated by bold font.

**Table A5.7: Mathematics proficiency level distributions, by year, Second class**

	Urban Band 1		Urban Band 2		Urban, not in SSP		SSP Rural		Rural, not in SSP											
	2009	2014	2009	2014	2009	2014	2009	2014	2009	2014										
SSP/DEIS Status	%	SE	%	SE	%	SE	%	SE	%	SE										
Below Level 1	27.1	5.96	14.3	1.99	18.8	8.50	6.5	1.79	8.0	1.06	4.7	0.58	5.8	3.76	4.6	2.19	6.4	1.50	6.5	1.04
Level 1	34.5	2.92	37.6	5.23	33.2	2.88	20.0	3.47	24.6	1.93	16.4	1.30	17.4	7.60	19.6	3.13	22.6	3.29	19.0	2.12
Level 2	24.3	3.40	27.0	2.69	27.4	4.73	30.9	3.07	32.9	1.45	27.0	1.19	26.8	7.38	22.1	3.68	29.8	2.21	27.9	2.05
Level 3	12.0	3.40	19.0	5.39	16.4	2.43	32.7	3.38	26.2	1.43	34.6	1.45	40.3	9.32	38.1	5.87	27.1	1.97	32.3	2.15
Level 4	2.0	1.03	2.1	0.87	4.2	2.82	10.0	3.20	8.3	1.09	17.3	1.40	9.70	4.31	15.6	2.81	14.1	2.91	14.3	1.42

**Table A5.9: Mathematics proficiency level distributions, by year, Sixth class**

	Urban Band 1				Urban Band 2				Urban, not in SSP				SSP Rural				Rural, not in SSP			
	2009		2014		2009		2014		2009		2014		2009		2014		2009		2014	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
SSP/DEIS Status																				
Below Level 1	28.4	6.13	11.9	2.65	15.2	1.74	12.8	2.66	7.2	1.13	5.0	0.63	7.5	2.07	2.0	1.88	10.1	1.01	2.0	1.88
Level 1	38.0	4.69	38.0	4.79	37.3	2.62	29.0	3.50	24.2	1.76	19.1	1.51	23.4	4.55	11.3	4.50	26.0	1.79	11.3	4.50
Level 2	20.7	3.11	31.5	4.09	27.7	2.25	28.5	3.26	33.3	1.10	32.2	1.71	27.1	3.07	33.0	5.09	29.8	1.19	33.0	5.09
Level 3	8.0	3.25	14.3	1.81	14.7	2.93	23.2	2.96	24.4	1.79	28.3	1.97	30.7	3.64	29.3	6.01	24.2	1.49	29.3	6.01
Level 4	4.9	2.56	4.4	1.48	5.0	1.39	6.4	1.50	10.8	1.11	15.4	1.52	11.3	1.82	24.4	5.02	9.9	0.86	24.4	5.02