

Cobb County School District

Testing Brief: 2014 End-of-Course Tests (EOCT) Annual Data

This brief highlights the annual EOCT results which are a culmination of both the Winter and Spring administrations for 2013-14. End-of-Course testing is mandated by the Georgia Department of Education and assesses student achievement in the designated core courses. Results are used to provide diagnostic data to improve student achievement. The briefing includes data from tests administered to students completing any of the following courses:

- Ninth Literature Composition
- American Literature Composition
- Coordinate Algebra
- Analytical Geometry
- Biology
- US History
- Economics

The End-of-Course Tests assess student mastery of the Georgia Performance Standards in the areas of English Language Arts, Mathematics, Science and Social Studies. Scores from the EOCT are counted as 20% of the student's final grade in all EOCT courses except Economics which is counted at 15%.

Student performance on the EOCT is measured with a scale score based on the Georgia Performance Standards. Scale scores range from 200 to 600, where 400 and higher is considered to be meeting standards and scores of 450 to 600 are exceeding standards.

Key Findings

Overall, Cobb students outperformed their peers across the state in each EOCT content area. Performance was strongest in Economics where students attained an average scale score of 455. The area with the highest pass rate was American Literature with 95.7% meeting and exceeding standards.

Table 1

Scores by Course	Ninth Grade Literature/Composition	American Literature/Composition	Coordinate Algebra	Analytical Geometry	Biology	U.S. History	Economics
District # tested	9,312	7,860	8,334	8,861	8,061	7,838	7,095
District Scale Score	444	445	402	407	441	448	455
State Scale Score	437	438	395	405	428	430	438

Student performance as measured by passing rates was strong in Language Arts with 92% of students meeting or exceeding standards. Table 2 shows the overall pass rate and the percentage of students in each performance level (does not meet standards, meets standards, and exceeds standards). These percentages reflect combined student performance for the winter and spring administrations.

Table 2

Performance Level	Ninth Grade Literature/Composition	American Literature/Composition	Coordinate Algebra	Analytical Geometry	Biology	U.S. History	Economics
Overall Pass	90.7%	95.7%	44.2%	53.1%	84.3%	83.4%	88.4%
Does Not Meet Standard	9%	4%	56%	47%	16%	17%	12%
Meets Standard	42%	46%	36%	40%	39%	30%	33%
Exceeds Standard	49%	49%	8%	13%	45%	53%	55%
% Passing by Content Area	<i>Language Arts: 92.96</i>		<i>Math: 48.76</i>		<i>Science: 84.32</i>	<i>Social Studies: 85.78</i>	

Note: Percentages of each performance level may not total 100 due to rounding.

Student scores included a further performance breakdown into domain scores. These scores reflect possible areas of improvement in given strands, or concepts, taught within the curriculum. Table 3 shows relative strengths and areas for improvement in each course tested during the year.

Table 3

Course	Relative Strength	Relative Area for Improvement
Ninth Grade Lit/Comp	Speaking and Listening	Writing
American Lit/Comp	Speaking and Listening	Writing
Coordinate Algebra	Algebra Connections to Statistics and Probability	Algebra and Functions (includes Numbers and Quantity)
Analytical Geometry	Statistics and Probability	Geometry
Biology	Ecology	Cells
U.S. History	Establishment as a World Power	Colonization through the Constitution
Economics	International Economics	Macroeconomic Concepts

A review of performance by student groups can be seen in Table 4.

Table 4

Comparison of Student Performance by Program (Scale Scores and Percent Meeting/Exceeding Standards)						
	Regular Education Students		Students with Disabilities		English Language Learners	
	Scale Score	% M / E	Scale Score	% M / E	Scale Score	% M / E
Ninth Grade Literature/Composition	446	92%	426	79%	416	73%
American Literature/Composition	447	96%	433	86%	429	72%
Coordinate Algebra	404	53%	384	40%	377	20%
Analytical Geometry	408	54%	393	44%	388	35%
Biology	443	85%	424	73%	414	60%
U.S. History	450	84%	431	73%	416	65%
Economics	457	90%	437	72%	422	59%

Performance by student group (Table 5).

Table 5

	Comparison of Performance by Ethnicity (Scale Scores and Percent Meeting/Exceeding Standards)					
	Black		Hispanic		White	
	Scale Score	% M / E	Scale Score	% M / E	Scale Score	% M / E
Ninth Grade Literature/ Composition	431	86%	428	82%	459	97%
American Literature/ Composition	436	93%	435	93%	455	98%
Coordinate Algebra	387	31%	388	31%	420	74%
Analytical Geometry	390	31%	393	36%	422	72%
Biology	422	73%	425	74%	458	93%
U.S. History	430	73%	430	74%	467	93%
Economics	433	80%	432	77%	471	95%

A comparison of scores from the current year to the previous year is presented in Table 6. Student performance improved in every content area as measured by scale score or percentage meeting/exceeding standards.

Table 6

EOCT Year-to-Year Comparison of Student Performance				
Test	2013		2014	
	% M / E	Scale Score	% M / E	Scale Score
Ninth Grade Lit/Comp	90%	443	91%	444
American Lit/Comp	95%	442	96%	445
Coordinate Algebra	42%	339	44%	402
Analytical Geometry	-	-	53%	407
Biology	80%	436	84%	441
U.S. History	82%	444	83%	448
Economics	87%	450	88%	455

The following tables show school performance levels and scale scores by EOCT course:

2013-14 Annual - 9th Literature & Composition

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	9,312	870	9%	3,881	42%	4,561	49%	91%	444
Allatoona	445	15	3%	176	40%	254	57%	97%	452
Campbell	716	98	14%	373	52%	245	34%	86%	432
Harrison	504	15	3%	151	30%	338	67%	97%	458
Hillgrove	574	18	3%	203	35%	353	61%	97%	454
Kell	397	19	5%	176	44%	202	51%	95%	436
Kennesaw Mountain	551	51	9%	205	37%	295	54%	91%	448
Lassiter	528	1	0%	128	24%	399	76%	100%	444
McEachern	599	78	13%	337	56%	184	31%	87%	433
North Cobb	784	63	8%	358	46%	363	46%	92%	444
Osborne	641	166	26%	356	56%	119	19%	74%	420
Pebblebrook	629	100	16%	360	57%	169	27%	84%	429
Pope	495	5	1%	108	22%	382	77%	99%	446
South Cobb	571	103	18%	316	55%	152	27%	82%	426
Sprayberry	461	43	9%	199	43%	219	48%	91%	439
Walton	737	8	1%	126	17%	603	82%	99%	478
Wheeler	680	87	13%	309	45%	284	42%	87%	441

2013-14 Annual - American Literature & Composition

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	7,860	339	4%	3,652	46%	3,869	49%	96%	445
Allatoona	495	6	1%	213	43%	276	56%	99%	450
Campbell	531	60	11%	306	58%	165	31%	89%	433
Harrison	502	6	1%	174	35%	322	64%	99%	456
Hillgrove	559	11	2%	229	41%	319	57%	98%	452
Kell	408	20	5%	174	43%	214	52%	95%	447
Kennesaw Mountain	248	8	3%	175	71%	65	26%	97%	436
Lassiter	495	1	0%	106	21%	388	78%	100%	459
McEachern	512	26	5%	314	61%	172	34%	95%	437
North Cobb	680	23	3%	314	46%	343	50%	97%	448
Osborne	433	48	11%	290	67%	95	22%	89%	429
Pebblebrook	517	34	7%	348	67%	135	26%	93%	433
Pope	429	6	1%	90	21%	333	78%	99%	461
South Cobb	473	43	9%	315	67%	115	24%	91%	431
Sprayberry	439	19	4%	245	56%	175	40%	96%	442
Walton	637	7	1%	120	19%	510	80%	99%	453
Wheeler	502	21	4%	239	48%	242	48%	96%	448

2013-14 Annual - Coordinate Algebra

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	8,334	4,654	56%	3,034	36%	646	8%	44%	402
Allatoona	436	199	46%	194	44%	43	10%	54%	407
Campbell	661	487	74%	150	23%	24	4%	26%	386
Harrison	413	119	29%	248	60%	46	11%	71%	415
Hillgrove	506	123	24%	318	63%	65	13%	76%	420
Kell	393	197	50%	170	43%	26	7%	50%	394
Kennesaw Mountain	420	206	49%	177	42%	37	9%	51%	404
Lassiter	324	90	28%	203	63%	31	10%	72%	398
McEachern	626	502	80%	116	19%	8	1%	20%	379
North Cobb	702	409	58%	262	37%	31	4%	42%	397
Osborne	599	485	81%	110	18%	4	1%	19%	378
Pebblebrook	733	570	78%	145	20%	18	2%	22%	383
Pope	414	92	22%	248	60%	74	18%	78%	439
South Cobb	531	441	83%	80	15%	10	2%	17%	374
Sprayberry	415	255	61%	144	35%	16	4%	39%	396
Walton	579	112	19%	299	52%	168	29%	81%	409
Wheeler	582	367	63%	170	29%	45	8%	37%	401

2013-14 Annual -Analytical Geometry

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	8,861	4,157	47%	3,543	40%	1,161	13%	53%	407
Allatoona	457	142	31%	258	56%	57	12%	69%	415
Campbell	619	359	58%	207	33%	53	9%	42%	399
Harrison	554	133	24%	315	57%	106	19%	76%	421
Hillgrove	507	155	31%	298	59%	54	11%	69%	417
Kell	411	224	55%	165	40%	22	5%	45%	357
Kennesaw Mountain	484	194	40%	204	42%	86	18%	60%	416
Lassiter	620	89	14%	337	54%	194	31%	86%	440
McEachern	669	473	71%	184	28%	12	2%	29%	388
North Cobb	706	364	52%	295	42%	47	7%	48%	401
Osborne	512	400	78%	109	21%	3	1%	22%	381
Pebblebrook	537	400	74%	128	24%	9	2%	26%	385
Pope	484	125	26%	229	47%	130	27%	74%	429
South Cobb	608	462	76%	135	22%	11	2%	24%	381
Sprayberry	472	249	53%	199	42%	24	5%	47%	401
Walton	680	109	16%	335	49%	236	35%	84%	447
Wheeler	541	279	52%	145	27%	117	22%	48%	417

2013-14 Annual - Biology

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	8,061	1,264	16%	3,138	39%	3,659	45%	84%	441
Allatoona	458	52	11%	189	41%	217	47%	89%	445
Campbell	491	117	24%	220	45%	154	31%	76%	428
Harrison	509	39	8%	181	36%	289	57%	92%	454
Hillgrove	574	36	6%	194	34%	344	60%	94%	456
Kell	384	53	14%	182	47%	149	39%	86%	428
Kennesaw Mountain	558	94	17%	199	36%	265	47%	83%	448
Lassiter	537	12	2%	134	25%	391	73%	98%	435
McEachern	516	102	20%	297	58%	117	23%	80%	425
North Cobb	785	148	19%	367	47%	270	34%	81%	432
Osborne	184	55	30%	70	38%	59	32%	70%	425
Pebblebrook	592	205	35%	293	49%	94	16%	65%	413
Pope	497	12	2%	129	26%	356	72%	98%	451
South Cobb	229	65	28%	65	28%	99	43%	72%	421
Sprayberry	447	72	16%	199	45%	176	39%	84%	438
Walton	656	11	2%	194	30%	451	69%	98%	457
Wheeler	644	191	30%	225	35%	228	35%	70%	437

2013-14 Annual - US History

School	n Tested	n PL-1	% PL-1	n PL-2	% PL-2	n PL-3	% PL-3	% Passing	Scale Score
District	7,838	1,301	17%	2,379	30%	4,158	53%	83%	448
Allatoona	464	28	6%	138	30%	298	64%	94%	464
Campbell	487	166	34%	198	41%	123	25%	66%	415
Harrison	464	45	10%	111	24%	308	66%	90%	466
Hillgrove	557	55	10%	162	29%	340	61%	90%	461
Kell	404	54	13%	108	27%	242	60%	87%	444
Kennesaw Mountain	560	57	10%	172	31%	331	59%	90%	458
Lassiter	490	14	3%	81	17%	395	81%	97%	409
McEachern	517	81	16%	180	35%	256	50%	84%	446
North Cobb	653	90	14%	195	30%	368	56%	86%	454
Osborne	394	181	46%	147	37%	66	17%	54%	402
Pebblebrook	464	99	21%	148	32%	217	47%	79%	443
Pope	433	21	5%	137	32%	275	64%	95%	457
South Cobb	459	166	36%	164	36%	129	28%	64%	417
Sprayberry	422	68	16%	140	33%	214	51%	84%	447
Walton	565	31	5%	142	25%	392	69%	95%	431
Wheeler	505	145	29%	156	31%	204	40%	71%	433

2013-14 Annual - Economics

School	<i>n</i> Tested	<i>n</i> PL-1	% PL-1	<i>n</i> PL-2	% PL-2	<i>n</i> PL-3	% PL-3	% Passing	Scale Score
District	7,095	823	12%	2,365	33%	3,907	55%	88%	455
Allatoona	235	20	9%	65	28%	150	64%	91%	454
Campbell	602	123	20%	261	43%	218	36%	80%	434
Harrison	293	6	2%	92	31%	195	67%	98%	463
Hillgrove	501	20	4%	172	34%	309	62%	96%	463
Kell	369	61	17%	159	43%	149	40%	83%	439
Kennesaw Mountain	262	20	8%	89	34%	153	58%	92%	475
Lassiter	488	10	2%	113	23%	365	75%	98%	475
McEachern	542	88	16%	198	37%	256	47%	84%	442
North Cobb	395	42	11%	121	31%	232	59%	89%	467
Osborne	382	127	33%	169	44%	86	23%	67%	416
Pebblebrook	335	80	24%	182	54%	73	22%	76%	422
Pope	387	9	2%	81	21%	297	77%	98%	476
South Cobb	268	72	27%	103	38%	93	35%	73%	417
Sprayberry	366	31	8%	113	31%	222	61%	92%	458
Walton	1,356	77	6%	352	26%	927	68%	94%	469
Wheeler	314	37	12%	95	30%	182	58%	88%	474