

TESTING BRIEF

End-of-Course Tests Spring 2007 April 23, 2007 – June 1, 2007

Georgia law (O.C.G.A. §20-2-281) states “the State Board of Education shall adopt end-of-course assessments for students in grades 9 through 12 for all core subjects to be determined by the state board.” The purpose of the End-of-Course Tests is to assess student achievement in the Quality Core Curriculum and Georgia Performance Standards in the designated eight core courses and to provide diagnostic data to improve student achievement. Definitions for student achievement as defined by Georgia teachers at the Meets Standard performance level and the Exceeds Standard performance level are outlined in the EOCT Interpretive Guide and on the Individual Student Report for each content area.

The EOCT assess only a sample of the knowledge and skills that educators agree comprise a complete curriculum for each subject. Georgia students have opportunities to learn – and are expected to master – much more than the tests address. The Georgia Quality Core Curriculum is the source of the knowledge and skills assessed on the Math and Social Studies tests. The Georgia Performance Standards are the source of the knowledge and skills assessed on the Science and Language Arts tests.

KEY FINDINGS – LANGUAGE ARTS

NINTH GRADE LITERATURE AND COMPOSITION

- A total of 95,948 students were assessed in Ninth Grade Literature and Composition.
- Sixty-eight (68) percent of Georgia’s ninth grade students met or exceeded the standard for Ninth Grade Literature and Composition.
- The mean scale score for Ninth Grade Literature and Composition was 414.**

AMERICAN LITERATURE AND COMPOSITION

- A total of 77,393 students were assessed in American Literature and Composition.
- Eighty-one (81) percent of Georgia’s students met or exceeded the standard for American Literature and Composition.
- The mean scale score for American Literature and Composition was 426.**

KEY FINDINGS – SCIENCE

BIOLOGY

- A total of 97,344 students were assessed in Biology.
- Fifty-eight (58) percent of Georgia’s students met or exceeded the standard for Biology.
- The mean scale score for Biology was 408.**

PHYSICAL SCIENCE

- A total of 65,797 students were assessed in Physical Science.
- Sixty-two (62) percent of Georgia’s students met or exceeded the standard for Physical Science.
- The mean scale score for Physical Science was 414.**

** For Ninth Grade Literature, American Literature, Biology and Physical Science, a scale score of 400 is necessary to meet standard. A scale score of 450 or higher is necessary to exceed standard. These tests were aligned with the Georgia Performance Standards, beginning with the 05/06 school year. With the transition from the Quality Core Curriculum (QCC) to the new Georgia Performance Standards (GPS), both the content and the performance standard for these tests changed. When this occurs, it is appropriate to establish a new scale to describe performance. It is important to note that the new GPS based EOCT are not comparable to previous QCC based tests.

KEY FINDINGS – SOCIAL STUDIES

U.S. HISTORY

- A total of 80,599 students were assessed in U.S. History
- Seventy-one (71) percent of Georgia’s students met or exceeded the standard for U.S. History.
- The mean scale score for U.S. History was 624.*
- This EOCT continues to be aligned with the Quality Core Curriculum.

ECONOMICS/BUSINESS/FREE ENTERPRISE

- A total of 42,887 students were assessed in Economics/Business/Free Enterprise.
- Sixty-seven (67) percent of Georgia’s students met or exceeded the standard for Economics/Business/Free Enterprise.
- The mean scale score for Economics/Business/Free Enterprise was 627.*
- This EOCT continues to be aligned with the Quality Core Curriculum.

KEY FINDINGS – MATHEMATICS

ALGEBRA I

- A total of 123,391 students were assessed in Algebra I.
- Sixty-five (65) percent of Georgia’s students met or exceeded the standard for Algebra I.
- The mean scale score for Algebra I was 620.*
- This EOCT continues to be aligned with the Quality Core Curriculum.

GEOMETRY

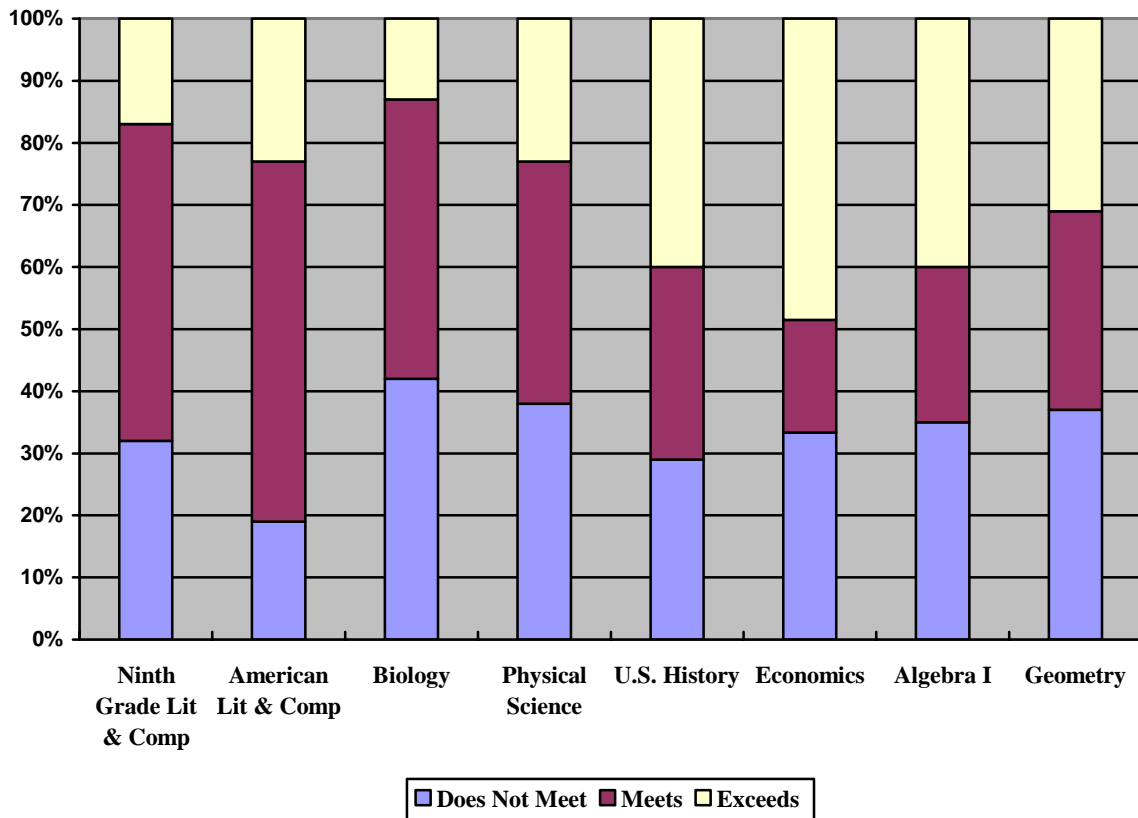
- A total of 79,434 students were assessed in Geometry.
- Sixty-three (63) percent of Georgia’s students met or exceed the standard for Geometry.
- The mean scale score for Geometry was 615.*
- This EOCT continues to be aligned with the Quality Core Curriculum.

* For U.S. History, Economics, Algebra and Geometry, a scale score of 600 is necessary to meet standard. A scale score of 630 or higher demonstrates a performance level of exceeds standard. Geometry performance figures exclude Braille administrations.

Percent in Performance Level - Georgia EOCT – Spring 2007

Performance Level	Ninth Grade Literature and Composition	American Literature and Composition	Biology	Physical Science	U.S. History	Economics	Algebra I	Geometry
Exceeds Standard	17	23	13	23	40	48	40	31
Meets Standard	51	58	45	39	31	18	25	32
Does Not Meet	32	19	42	38	29	33	35	37

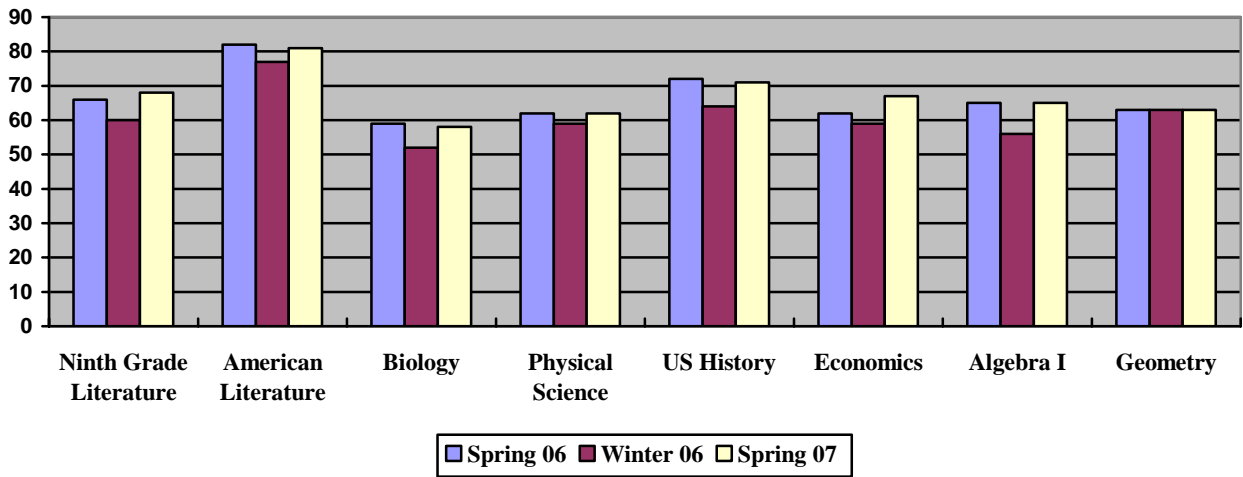
Percent in Performance Level - Spring 2007



Historical Performance of Students on the Georgia EOCT

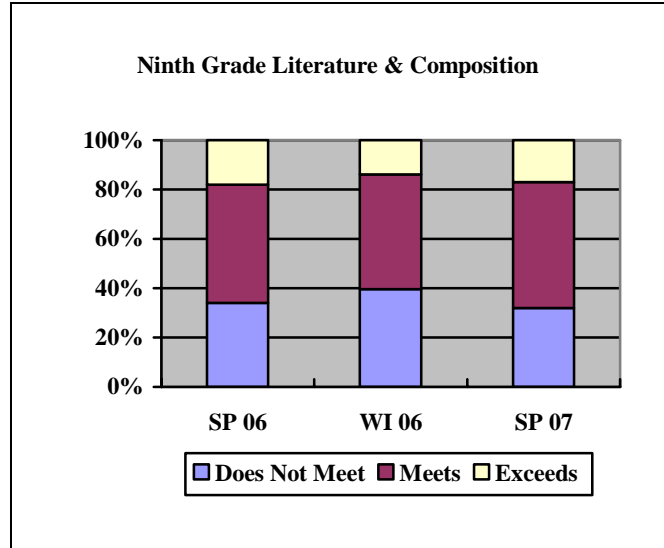
	Percent of Students Meeting or Exceeding Standard on EOCT		
	Spring 2006	Winter 2006	Spring 2007
Ninth Grade Literature	66	60	68
American Literature	82	77	81
Biology	59	52	58
Physical Science	62	59	62
U.S. History	72	64	71
Economics	62	59	67
Algebra I	65	56	65
Geometry	63	63	63

EOCT Historical Comparisons

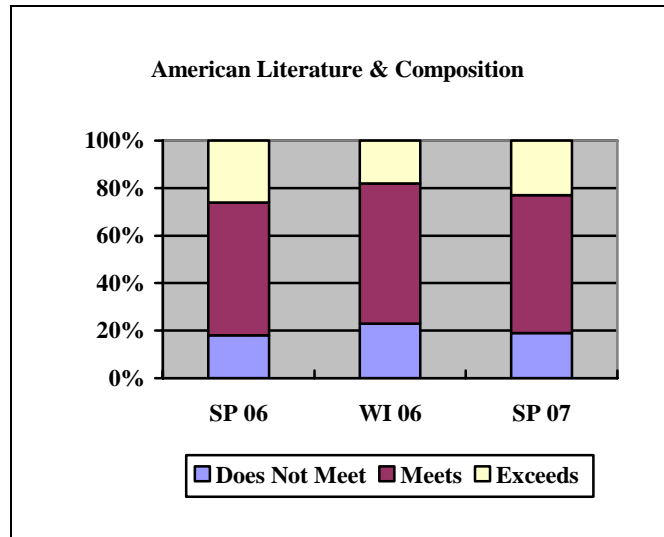


Historical Performance by Subject on the Georgia EOCT

Ninth Grade Literature and Composition			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	18	14	17
Meets	48	47	51
Does Not Meet	34	40	32

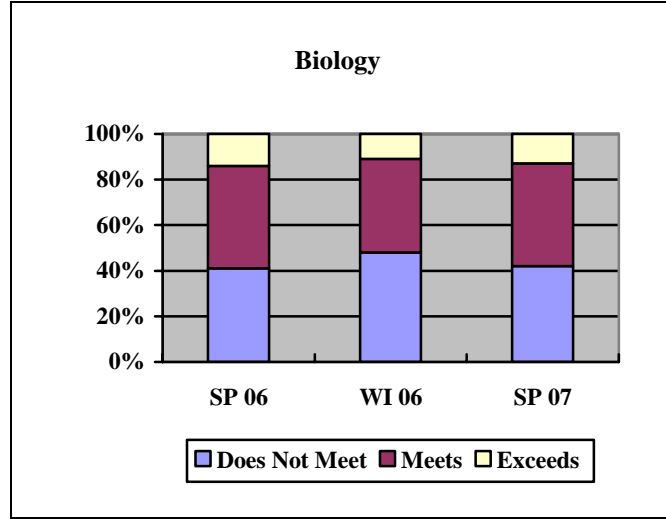


American Literature and Composition			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	26	18	23
Meets	56	59	58
Does Not Meet	18	23	19

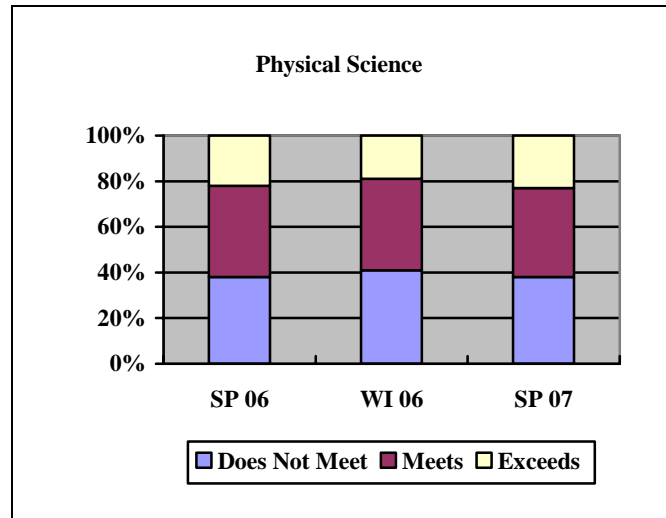


Historical Performance by Subject on the Georgia EOCT

Biology			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	14	11	13
Meets	45	41	45
Does Not Meet	41	48	42

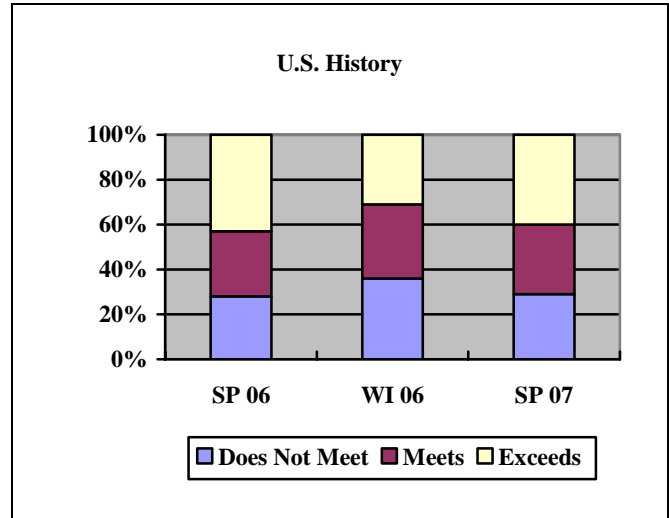


Physical Science			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	22	19	23
Meets	40	40	39
Does Not Meet	38	41	38

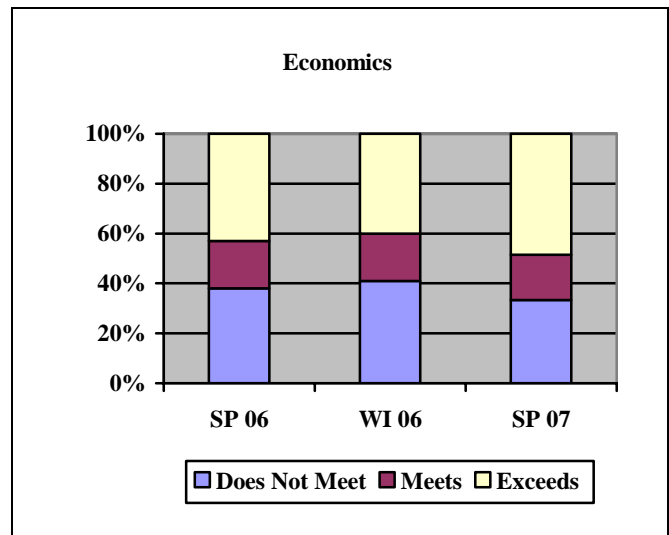


Historical Performance by Subject on the Georgia EOCT

U.S. History			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	43	31	40
Meets	29	33	31
Does Not Meet	28	36	29

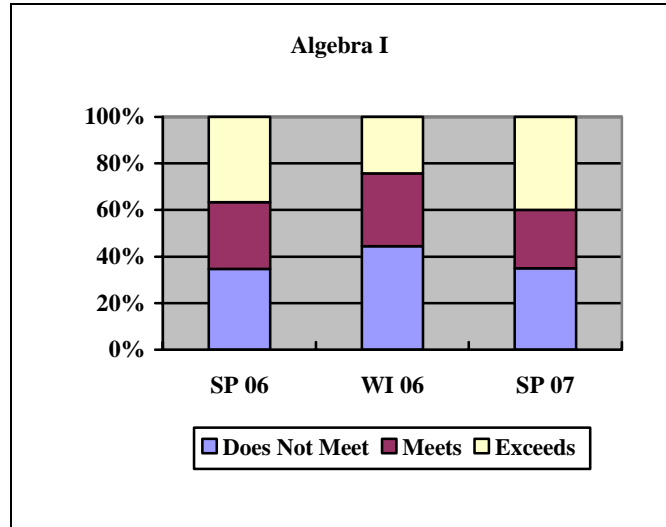


Economics			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	43	40	48
Meets	19	19	18
Does Not Meet	38	41	33

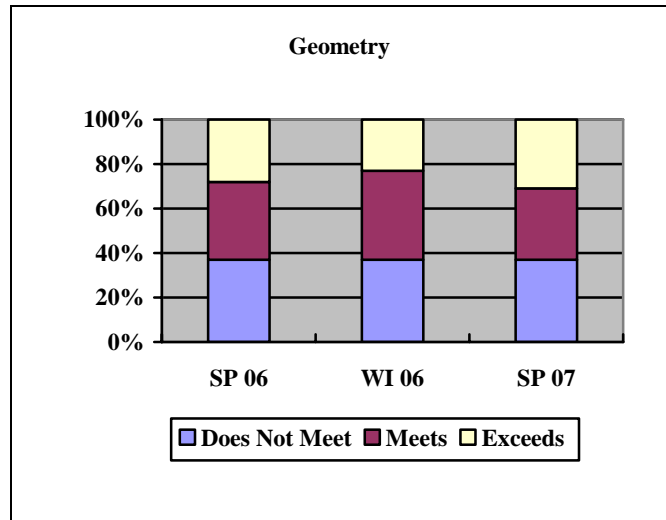


Historical Performance by Subject on the Georgia EOCT

Algebra I			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	37	24	40
Meets	29	31	25
Does Not Meet	35	44	35



Geometry			
Performance Level	Percent of Students		
	SP 06	WI 06	SP 07
Exceeds	28	23	31
Meets	35	40	32
Does Not Meet	37	37	37

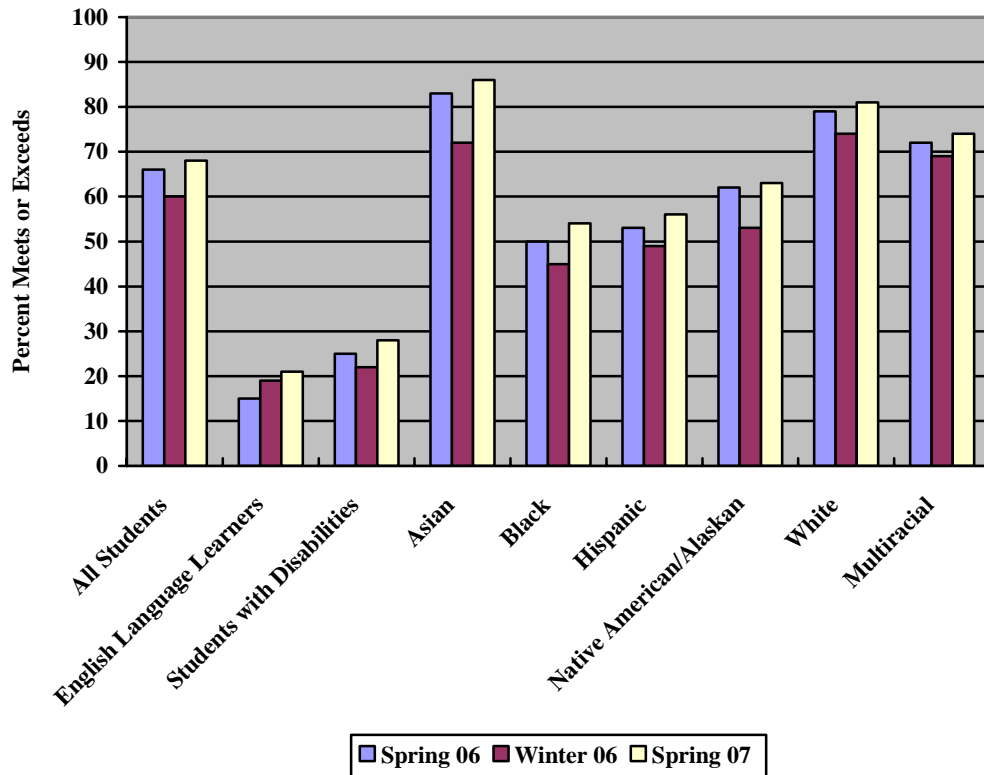


Historical Performance of Sub-Groups on the Georgia EOCT

(Because of rounding, all disaggregated charts may not appear consistent with historical data.)

Ninth Grade Literature & Composition	Percent of Students Meeting or Exceeding Standard			
	Spring 2006	Winter 2006	Spring 2007	Change from SP06 to SP07
All Students	66	60	68	+2
English Language Learners	15	19	21	+6
Students with Disabilities	25	22	28	+3
Asian	83	72	86	+3
Black	50	45	54	+4
Hispanic	53	49	56	+3
Native American/Alaskan	62	53	63	+1
White	79	74	81	+2
Multiracial	72	69	74	+2

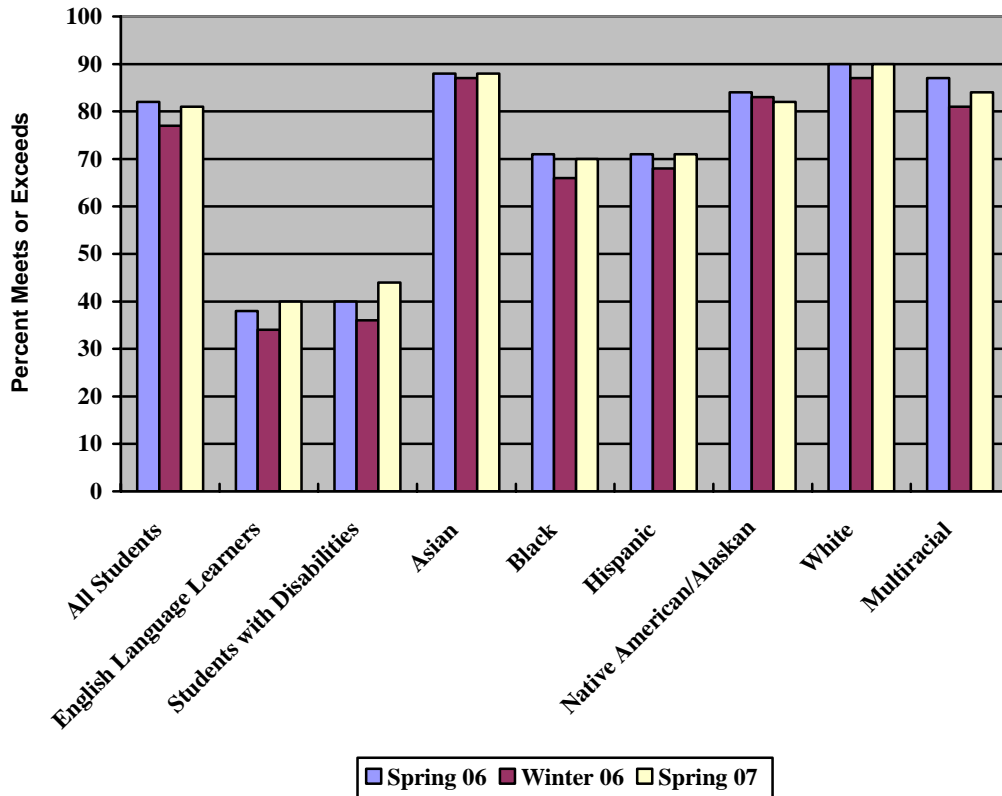
Ninth Grade Literature & Composition



Historical Performance of Sub-Groups on the Georgia EOCT

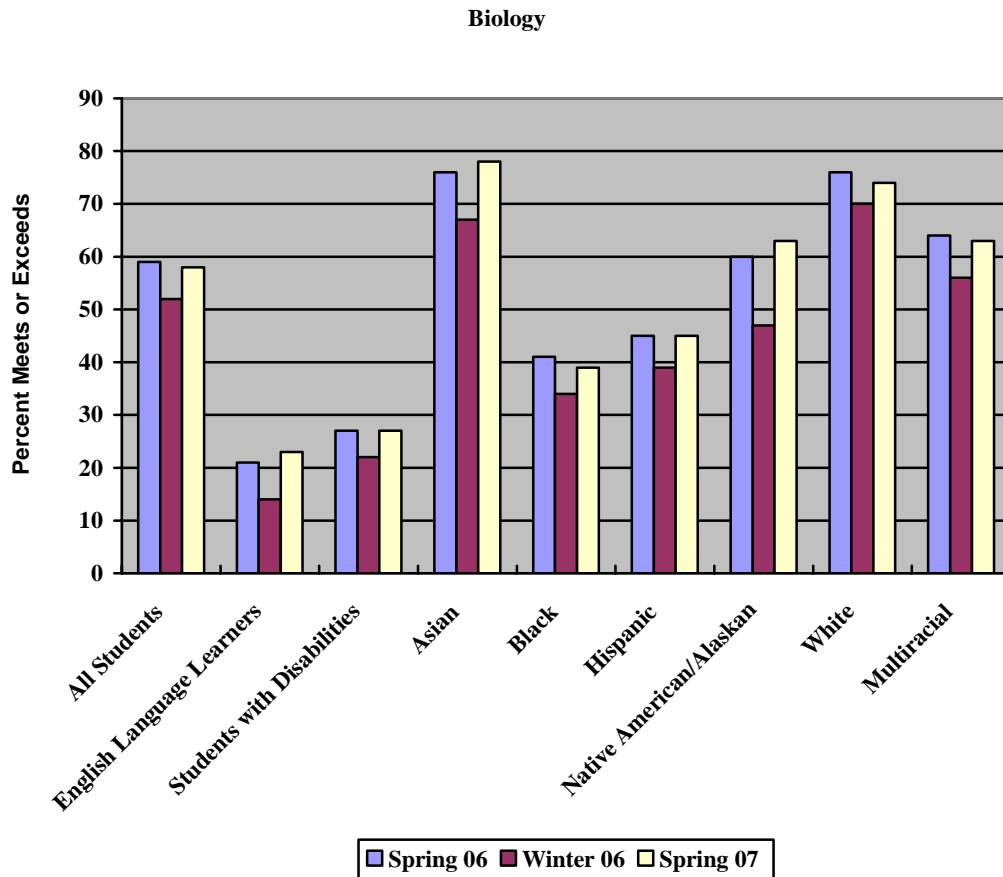
American Literature & Composition	Percent of Students Meeting or Exceeding Standard			
	Spring 2006	Winter 2006	Spring 2007	Change from SP 06 to SP 07
All Students	82	77	81	-1
English Language Learners	38	34	40	+2
Students with Disabilities	40	36	44	+4
Asian	88	87	88	0
Black	71	66	70	-1
Hispanic	71	68	71	0
Native American/Alaskan	84	83	82	-2
White	90	87	90	0
Multiracial	87	81	84	-3

American Literature & Composition



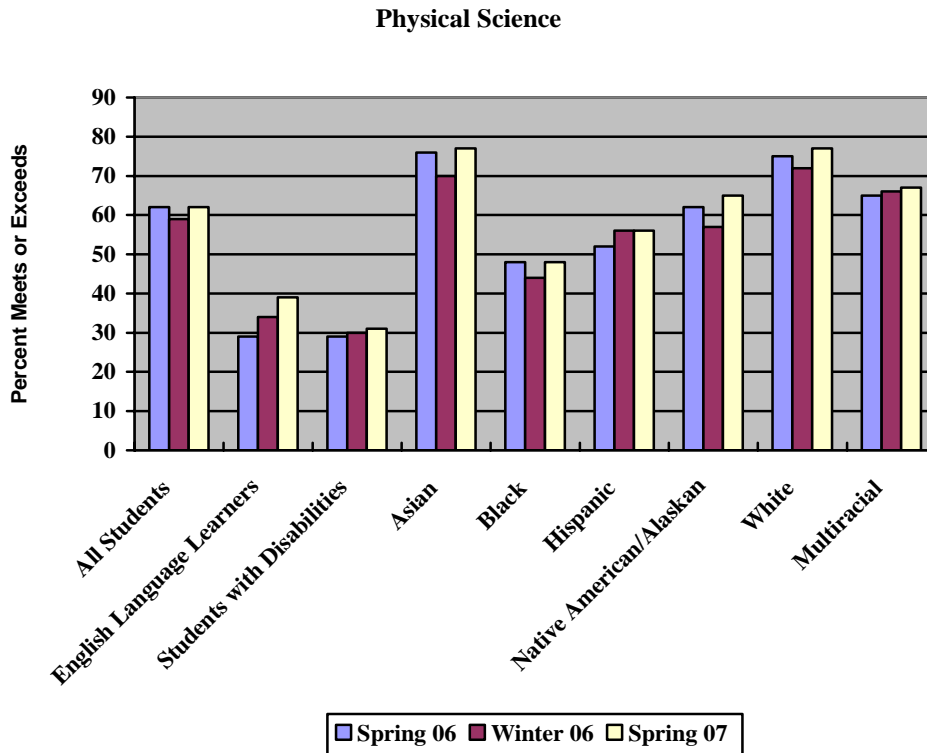
Historical Performance of Sub-Groups on the Georgia EOCT

Biology	Percent of Students Meeting or Exceeding Standard			
	Spring 2006	Winter 2006	Spring 2007	Change from SP 06 to SP 07
All Students	59	52	58	-1
English Language Learners	21	14	23	+2
Students with Disabilities	27	22	27	0
Asian	76	67	78	+2
Black	41	34	39	-2
Hispanic	45	39	45	0
Native American/Alaskan	60	47	63	+3
White	76	70	74	-2
Multiracial	64	56	63	-1



Historical Performance of Sub-Groups on the Georgia EOCT

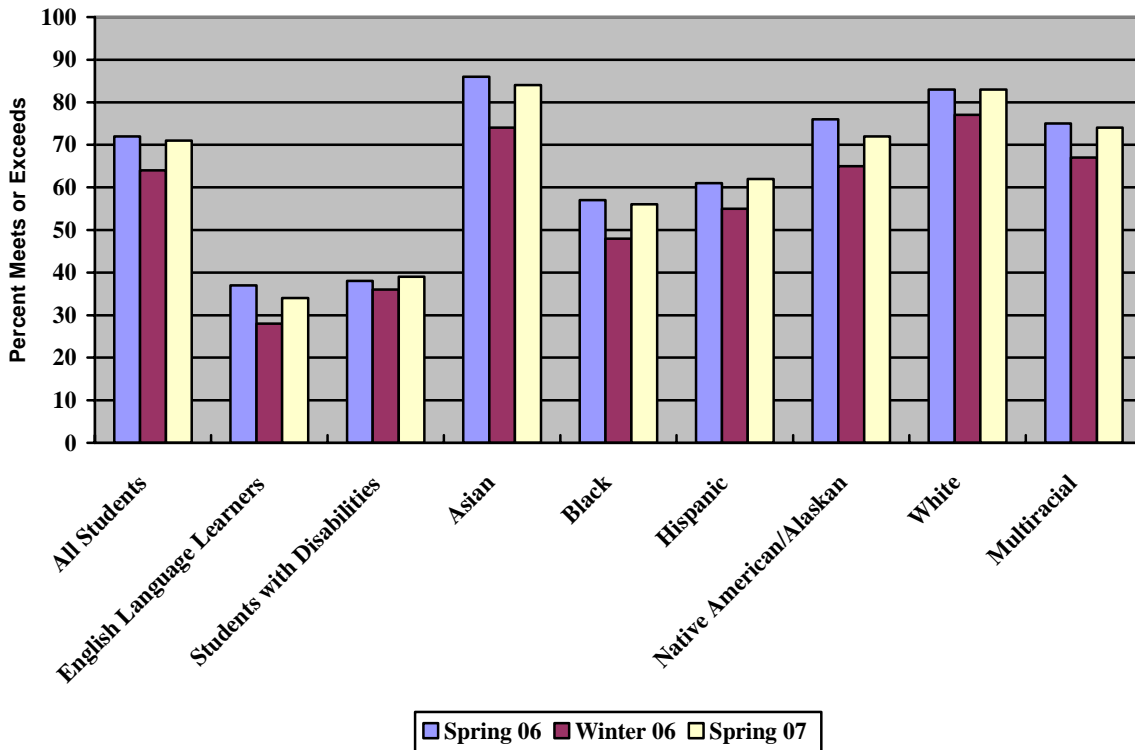
Physical Science	Percent of Students Meeting or Exceeding Standard			
	Spring 2006	Winter 2006	Spring 2007	Change from SP 06 to SP 07
All Students	62	59	62	0
English Language Learners	29	34	39	+10
Students with Disabilities	29	30	31	+2
Asian	76	70	77	+1
Black	48	44	48	0
Hispanic	52	56	56	+4
Native American/Alaskan	62	57	65	+3
White	75	72	77	+2
Multiracial	65	66	67	+2



Historical Performance of Sub-Groups on the Georgia EOCT

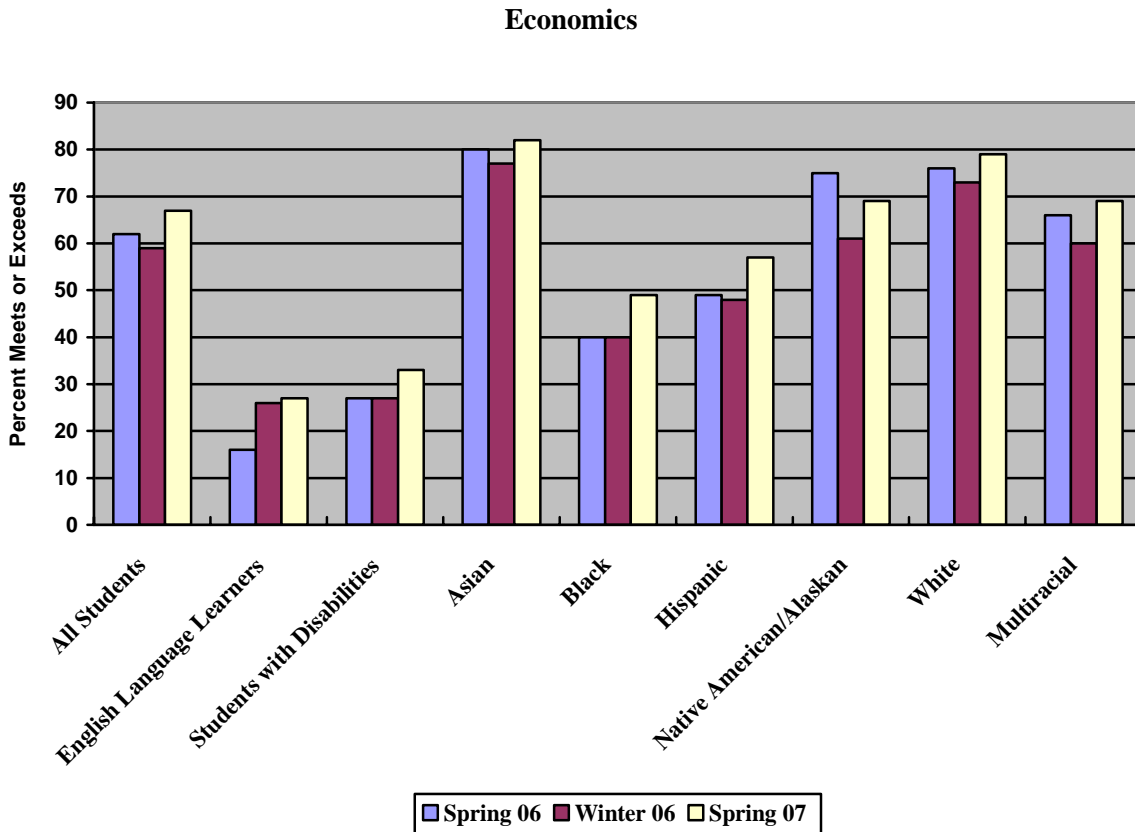
U.S. History	Percent of Students Meeting or Exceeding Standard			
	Spring 06	Winter 06	Spring 07	Change from SP 06 to SP 07
All Students	72	64	71	-1
English Language Learners	37	28	34	-3
Students with Disabilities	38	36	39	+1
Asian	86	74	84	-2
Black	57	48	56	-1
Hispanic	61	55	62	+1
Native American/Alaskan	76	65	72	-4
White	83	77	83	0
Multiracial	75	67	74	-1

U.S. History



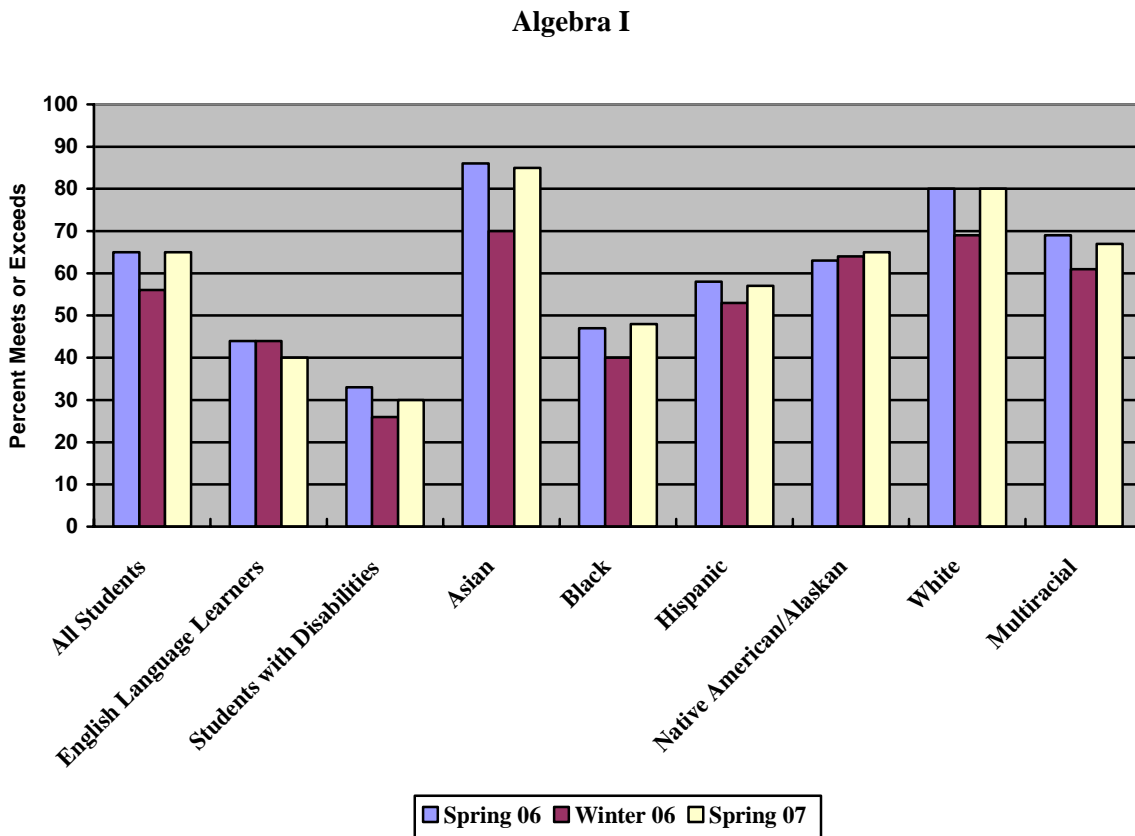
Historical Performance of Sub-Groups on the Georgia EOCT

Economics	Percent of Students Meeting or Exceeding Standard			
	Spring 06	Winter 06	Spring 07	Change from SP 06 to SP 07
All Students	62	59	67	+5
English Language Learners	16	26	27	+11
Students with Disabilities	27	27	33	+6
Asian	80	77	82	+2
Black	40	40	49	+9
Hispanic	49	48	57	+8
Native American/Alaskan	75	61	69	-6
White	76	73	79	+3
Multiracial	66	60	69	+3



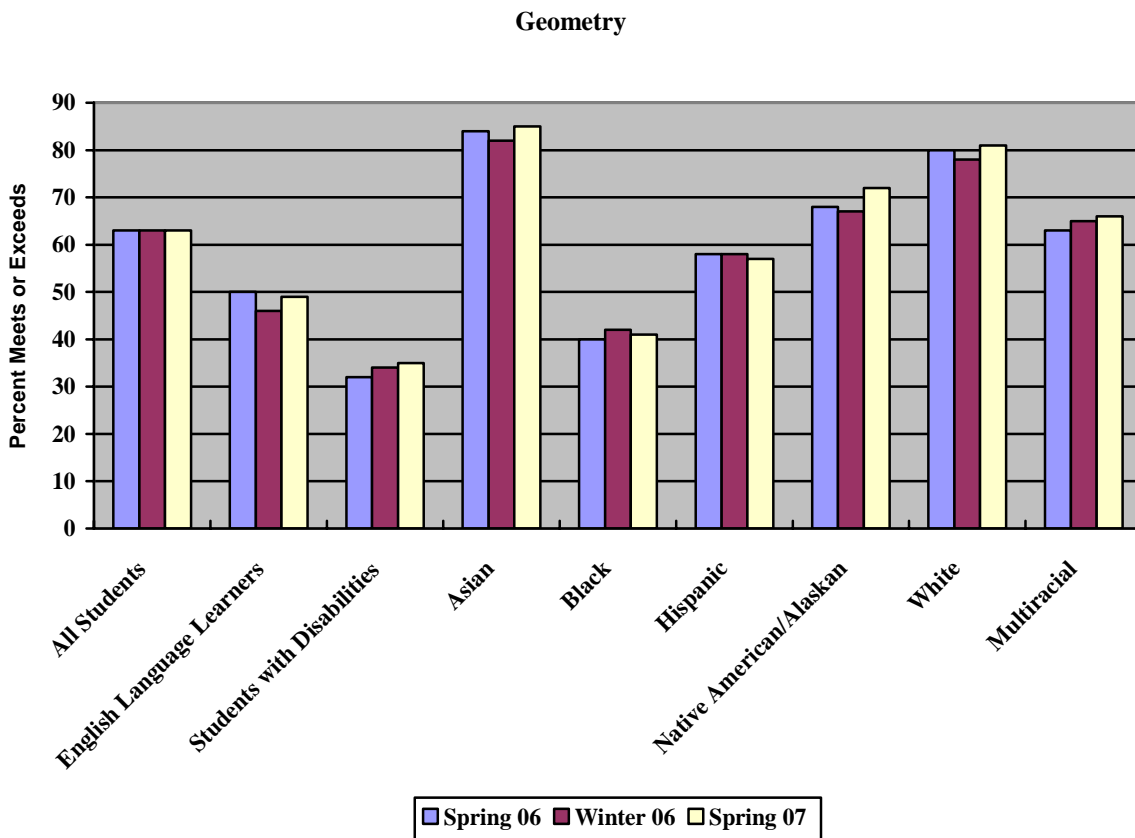
Historical Performance of Sub-Groups on the Georgia EOCT

Algebra I	Percent of Students Meeting and Exceeding Standard			
	Spring 06	Winter 06	Spring 07	Change from SP 06 to SP 07
All Students	65	56	65	0
English Language Learners	44	44	40	-4
Students with Disabilities	33	26	30	-3
Asian	86	70	85	-1
Black	47	40	48	+1
Hispanic	58	53	57	-1
Native American/Alaskan	63	64	65	+2
White	80	69	80	0
Multiracial	69	61	67	-2



Historical Performance of Sub-Groups on the Georgia EOCT

Geometry	Percent of Students Meeting and Exceeding Standard			
	Spring 06	Winter 06	Spring 07	Change from SP 06 to SP 07
All Students	63	63	63	0
English Language Learners	50	46	49	-1
Students with Disabilities	32	34	35	+3
Asian	84	82	85	+1
Black	40	42	41	+1
Hispanic	58	58	57	-1
Native American/Alaskan	68	67	72	+4
White	80	78	81	+1
Multiracial	63	65	66	+3



Number of tests administered

Spring 07*	Total tests	Electronic / 80 systems
9 th Literature & Comp.	95,948	16,868
American Literature	77,393	16,418
Algebra I	123,391	16,586
Geometry	79,434	17,185
U.S. History	80,599	17,019
Economics	42,887	13,204
Physical Science	65,797	7,108
Biology	97,344	19,572
TOTAL	662,793	123,960

* Figures include Feb. and Mar online mid-month administrations

Winter 06*	Total tests	Electronic / 66 systems
9 th Literature & Comp.	32,604	3,897
American Literature	30,985	5,195
Algebra I	19,968	3,377
Geometry	23,814	4,186
U.S. History	27,364	4,342
Economics	45,035	12,340
Physical Science	27,453	3,016
Biology	34,665	5,737
TOTAL	241,888	42,090

* Figures include Aug., Sept, Oct., and Nov. online mid-month administrations

Mid-Month Electronic	February 2007	March 2007	Mid-Month Totals
9 th Literature & Comp	341	195	536
American Literature	329	212	541
Algebra I	319	167	486
Geometry	229	144	373
U.S. History	275	157	432
Economics	387	3938	4325
Physical Science	334	211	545
Biology	363	148	511
Totals	2577	5172	7749