

TESTING BRIEF

End-of-Course Tests (EOCT) Winter 2007 December 3, 2007 – January 11, 2008

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 purposes of the End-of-Course Tests (EOCT) are to assess student achievement in the Quality Core Curriculum (QCC) and Georgia Performance Standards (GPS) 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 tests. The Georgia Performance Standards are the sources of the knowledge and skills assessed on the Science, Language Arts, and Social Studies tests.

KEY FINDINGS – LANGUAGE ARTS

NINTH GRADE LITERATURE AND COMPOSITION

- A total of 31,405 students were assessed in Ninth Grade Literature and Composition.
- Sixty-seven (67) 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 411.**

AMERICAN LITERATURE AND COMPOSITION

- A total of 30,317 students were assessed in American Literature and Composition.
- Eighty (80) 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 427.**

KEY FINDINGS – SCIENCE

BIOLOGY

- A total of 34,743 students were assessed in Biology.
- Fifty-seven (57) percent of Georgia’s students met or exceeded the standard for Biology.
- The mean scale score for Biology was 410.**

PHYSICAL SCIENCE

- A total of 24,654 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 417.**

KEY FINDINGS – SOCIAL STUDIES

U.S. HISTORY

- A total of 24,773 students were assessed in U.S. History.
- Forty-eight (48) percent of Georgia’s students met or exceeded the standard for U.S. History.
- The mean scale score for U.S. History was 397.**

ECONOMICS/BUSINESS/FREE ENTERPRISE

- A total of 45,376 students were assessed in Economics/Business/Free Enterprise.
- Sixty-three (63) 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 415.**

** For Ninth Grade Literature, American Literature, Biology, Physical Science, U. S. History, and Economics, 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 for Ninth Grade Literature, America Literature, Biology, and Physical Science. U. S. History and Economics tests were aligned with the Georgia Performance Standards beginning with the 07/08 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 – MATHEMATICS

ALGEBRA I

- A total of 19,731 students were assessed in Algebra I.
- Fifty-seven (57) percent of Georgia's students met or exceeded the standard for Algebra I.
- The mean scale score for Algebra I was 608.*

GEOMETRY

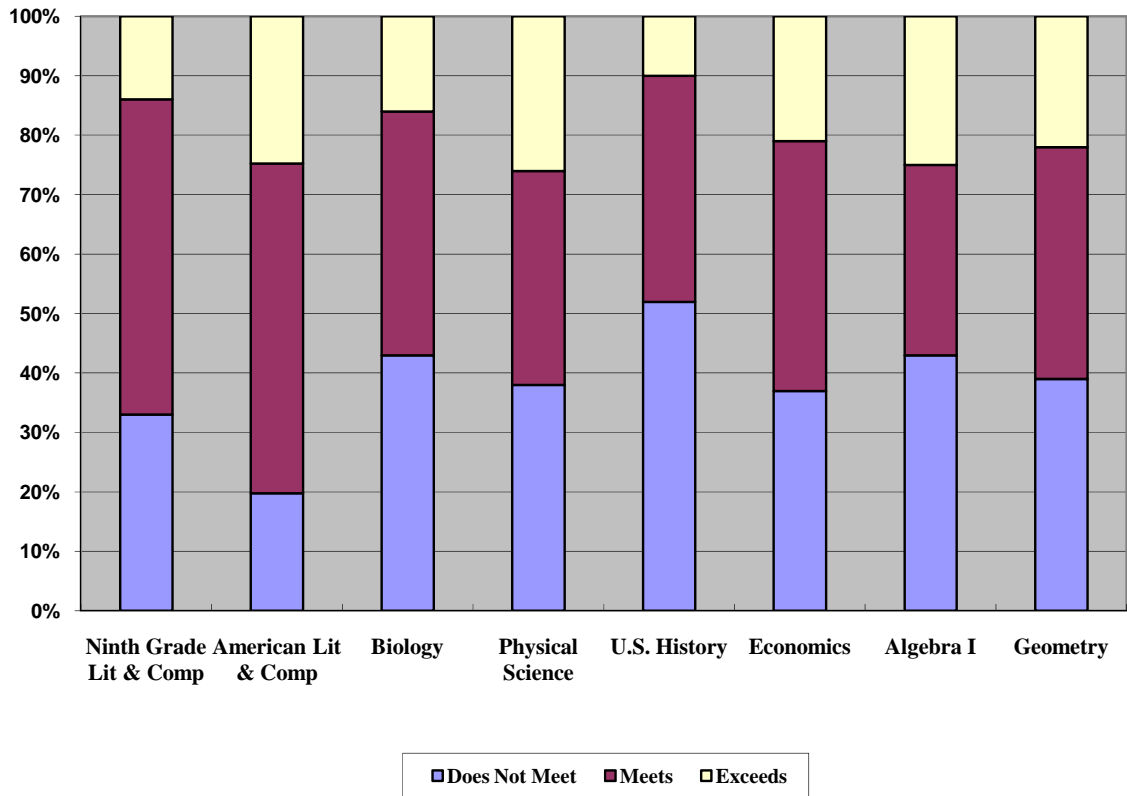
- A total of 22,819 students were assessed in Geometry.
- Sixty-one (61) percent of Georgia's students met or exceed the standard for Geometry.
- The mean scale score for Geometry was 610.*

* For Algebra I 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. Algebra I and Geometry tests were aligned with the Quality Core Curriculum.

Percent in Performance Level - Georgia EOCT – Winter 2007

Performance Level	Ninth Grade Literature and Composition	American Literature and Composition	Biology	Physical Science	U.S. History	Economics	Algebra I	Geometry
Exceeds Standard	14	25	16	26	10	21	25	22
Meets Standard	53	56	41	36	38	42	32	39
Does Not Meet	33	20	43	38	52	37	43	39

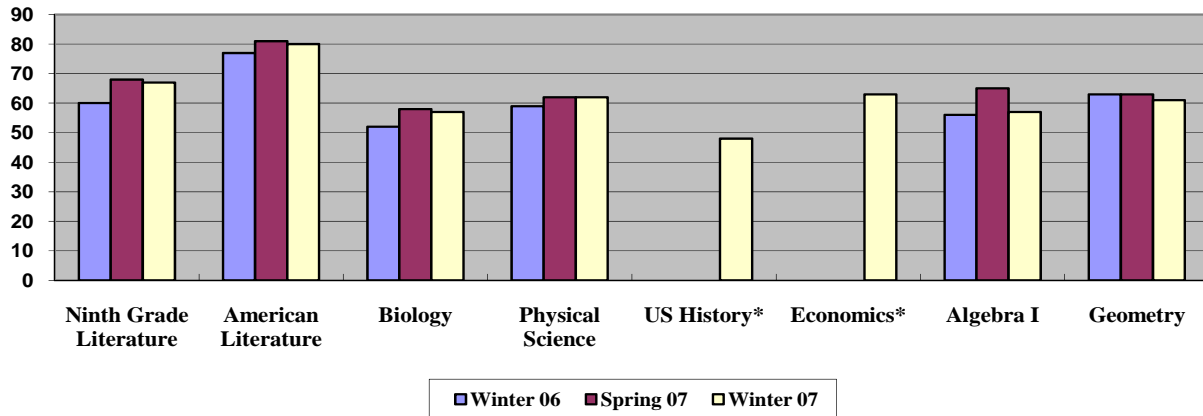
Percent in Performance Level - Winter 2007



Historical Performance of Students on the Georgia EOCT

	Percent of Students Meeting and Exceeding Standard on EOCT		
	Winter 2006	Spring 2007	Winter 2007
Ninth Grade Literature	60	68	67
American Literature	77	81	80
Biology	52	58	57
Physical Science	59	62	62
U.S. History	*	*	48
Economics	*	*	63
Algebra I	56	65	57
Geometry	63	63	61

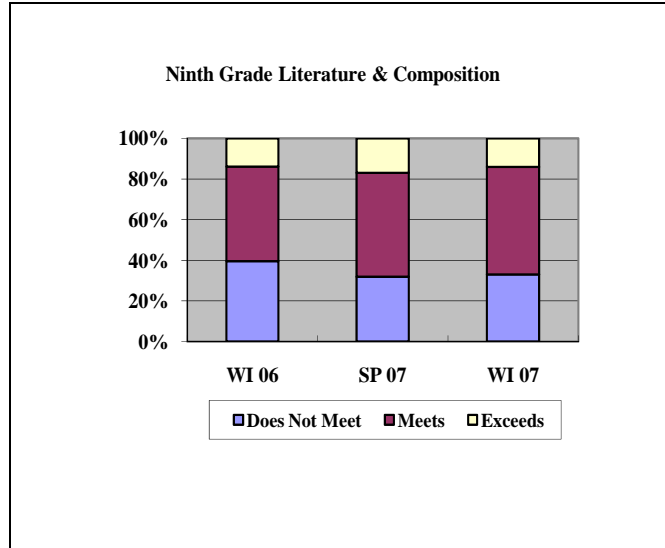
EOCT Historical Comparisons



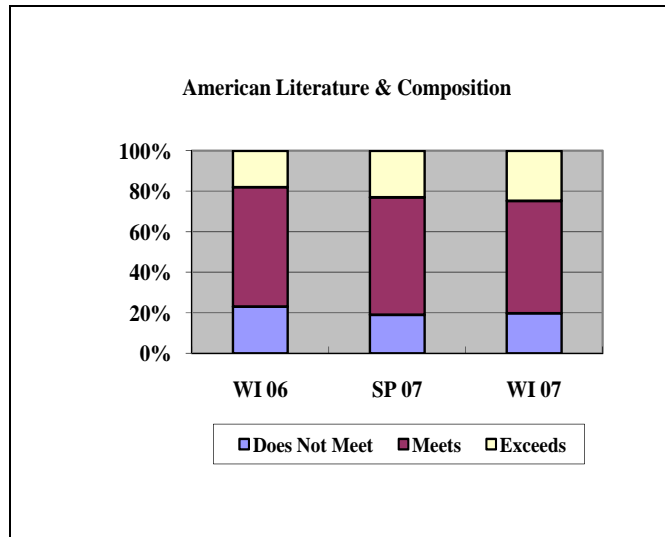
*Winter 2007 GPS EOCT cannot be compared to previous QCC-based assessments.

Historical Performance by Subject on the Georgia EOCT

Ninth Grade Literature and Composition			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	14	17	14
Meets	47	51	53
Does Not Meet	40	32	33

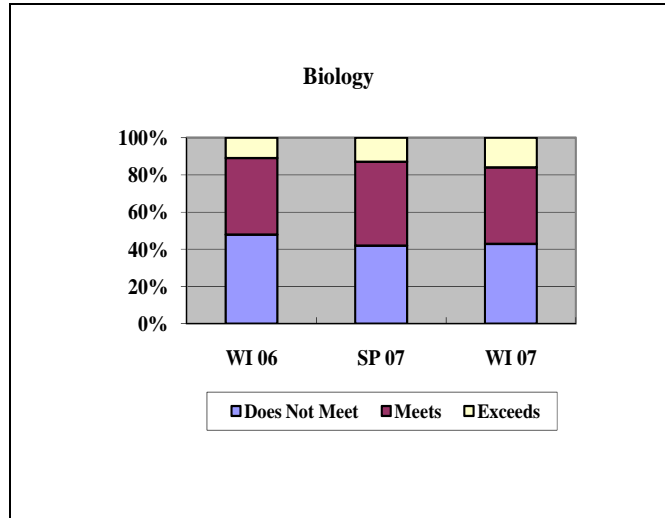


American Literature and Composition			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	18	23	25
Meets	59	58	56
Does Not Meet	23	19	20

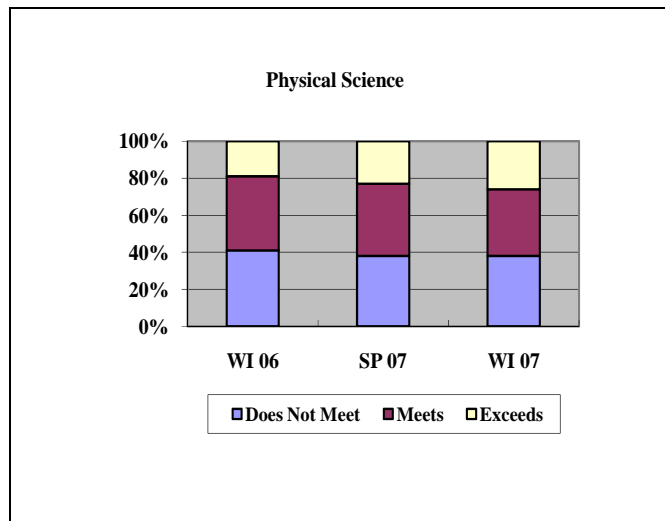


Historical Performance by Subject on the Georgia EOCT

Biology			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	11	13	16
Meets	41	45	41
Does Not Meet	48	42	43

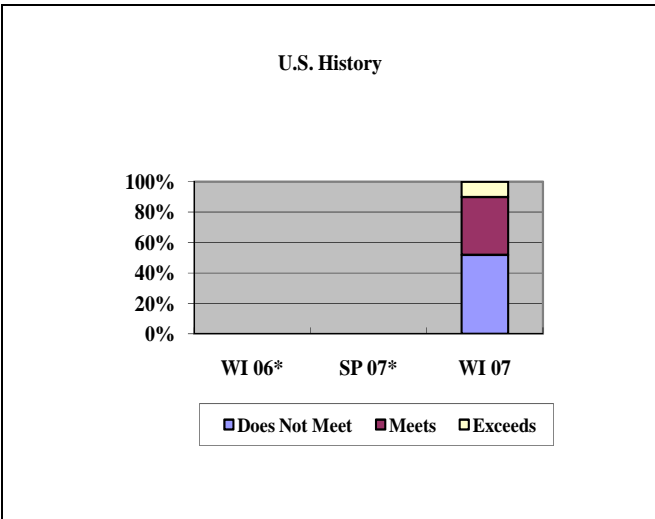


Physical Science			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	19	23	26
Meets	40	39	36
Does Not Meet	41	38	38

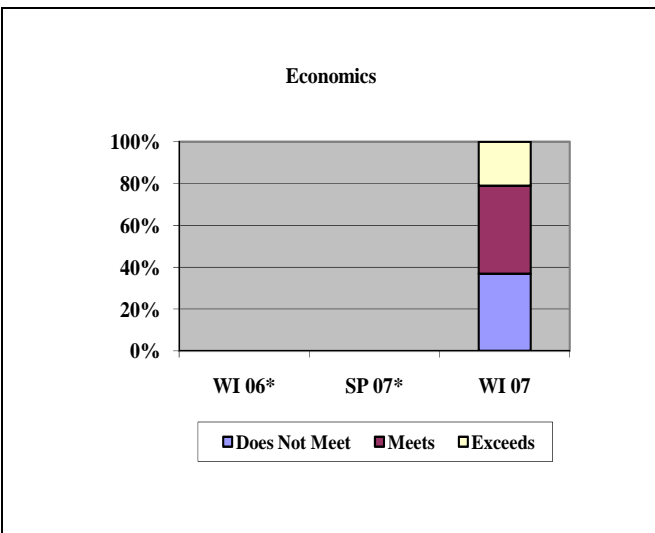


Historical Performance by Subject on the Georgia EOCT

U.S. History			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	*	*	10
Meets	*	*	38
Does Not Meet	*	*	52



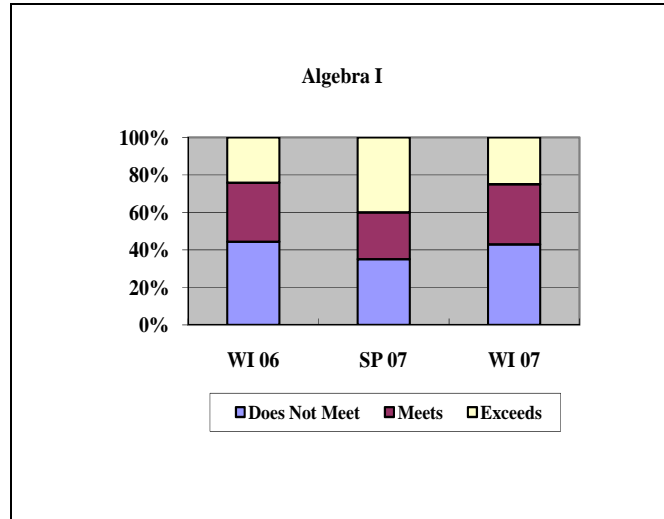
Economics			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	*	*	21
Meets	*	*	42
Does Not Meet	*	*	37



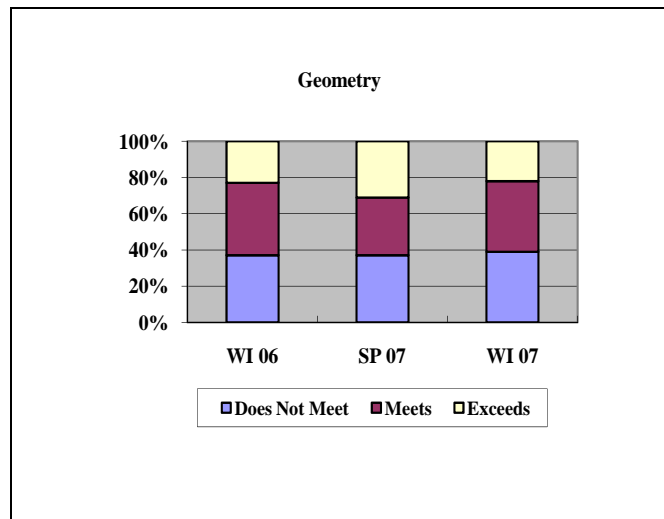
*Winter 2007 GPS EOCT cannot be compared to previous QCC-based assessments.

Historical Performance by Subject on the Georgia EOCT

Algebra I			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	24	40	25
Meets	31	25	32
Does Not Meet	44	35	43



Geometry			
Performance Level	Percent of Students		
	WI 06	SP 07	WI 07
Exceeds	23	31	22
Meets	40	32	39
Does Not Meet	37	37	39

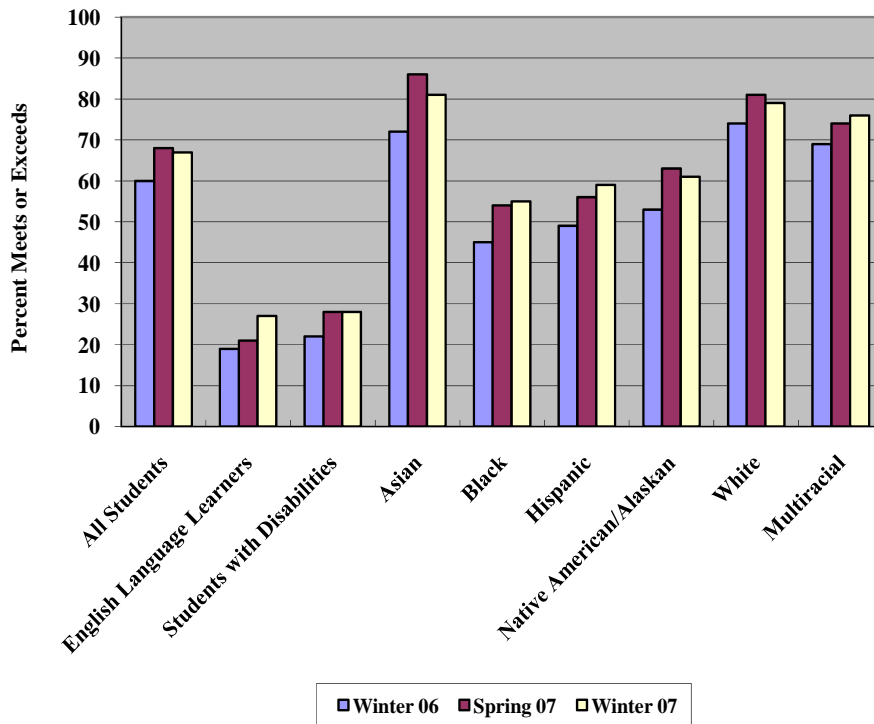


Historical Performance of Sub-Groups on the Georgia EOCT

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

Ninth Grade Literature & Composition	Percent of Students Meeting and Exceeding Standard			
	Winter 2006	Spring 2007	Winter 2007	Change from WI 06 to WI 07
All Students	60	68	67	+7
English Language Learners	19	21	27	+8
Students with Disabilities	22	28	28	+6
Asian	72	86	81	+9
Black	45	54	55	+10
Hispanic	49	56	59	+10
Native American/Alaskan	53	63	61	+8
White	74	81	79	+5
Multiracial	69	74	76	+7

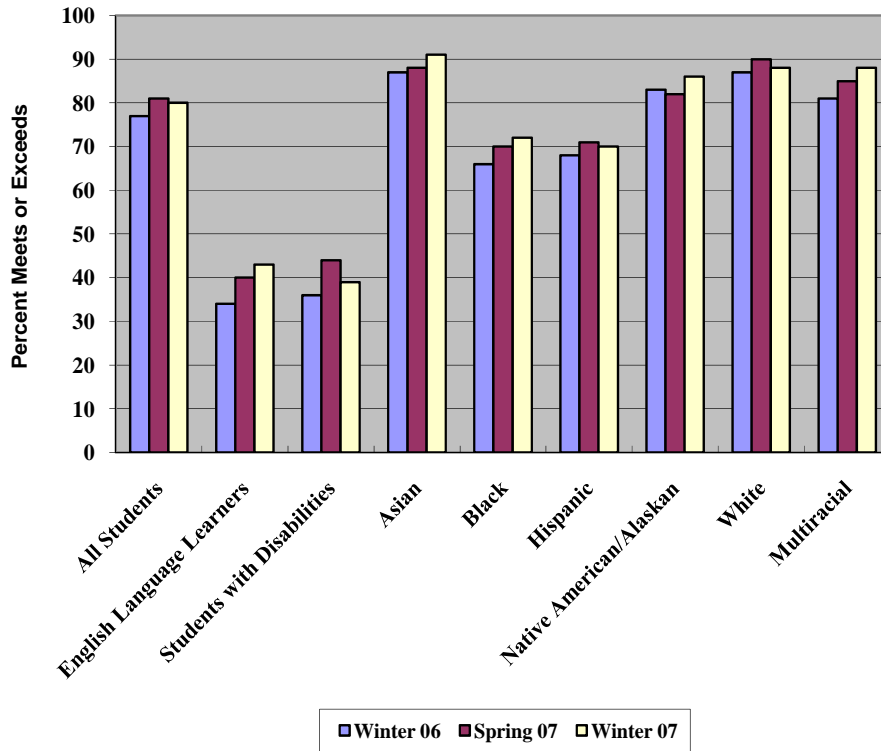
Ninth Grade Literature & Composition



Historical Performance of Sub-Groups on the Georgia EOCT

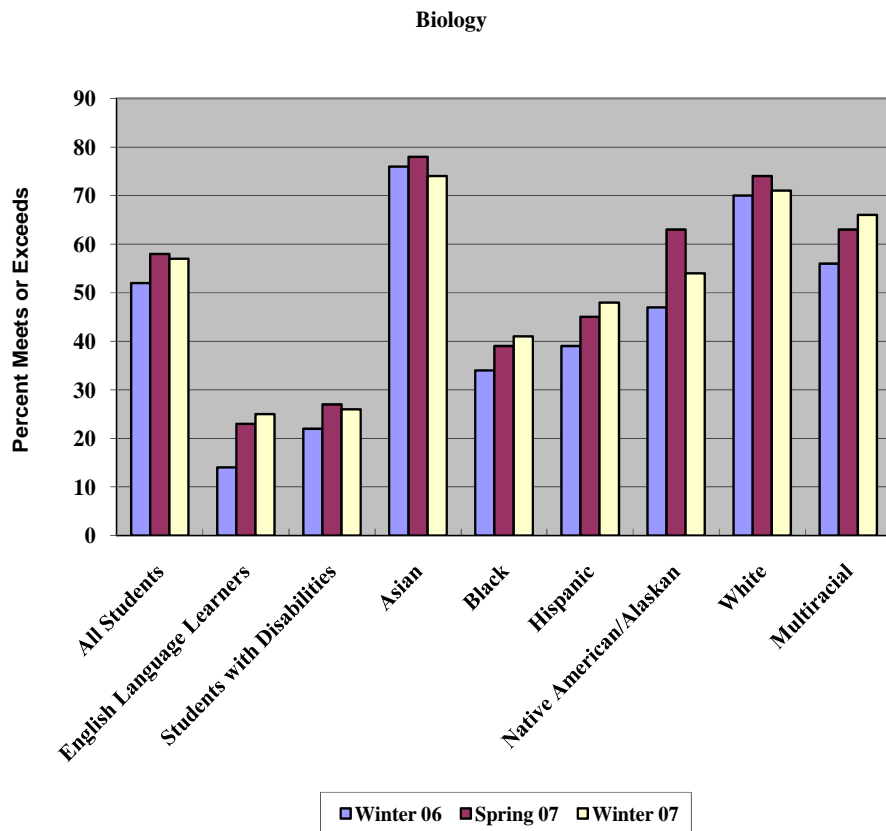
American Literature & Composition	Percent of Students Meeting and Exceeding Standard			
	Winter 2006	Spring 2007	Winter 2007	Change from WI 06 to WI 07
All Students	77	81	80	+3
English Language Learners	34	40	43	+9
Students with Disabilities	36	44	39	+3
Asian	87	88	91	+4
Black	66	70	72	+6
Hispanic	68	71	70	+2
Native American/Alaskan	83	82	86	+3
White	87	90	88	+1
Multiracial	81	84	88	+7

American Literature & Composition



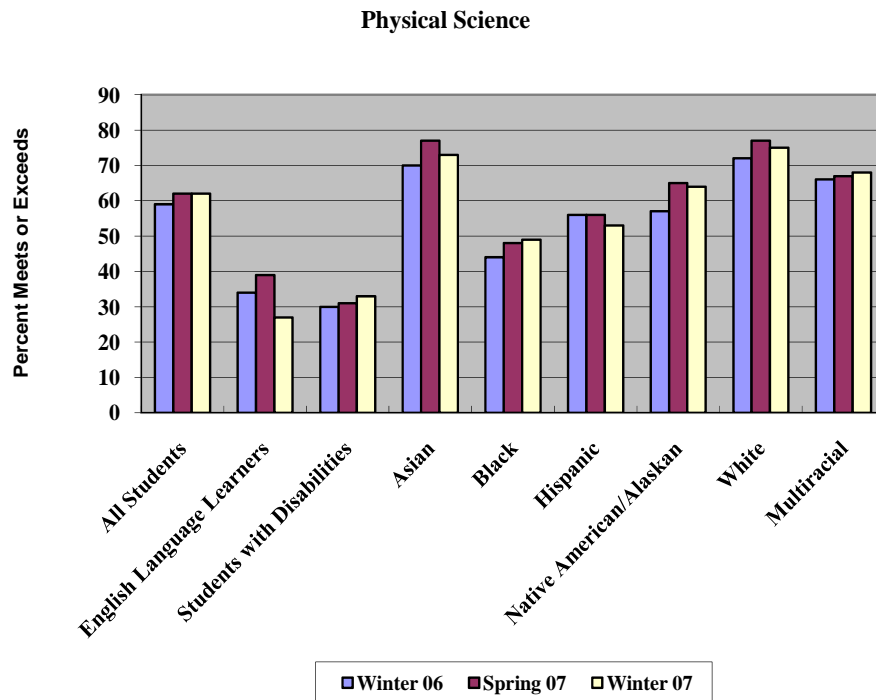
Historical Performance of Sub-Groups on the Georgia EOCT

Biology	Percent of Students Meeting and Exceeding Standard			
	Winter 2006	Spring 2007	Winter 2007	Change from WI 06 to WI 07
All Students	52	58	57	+5
English Language Learners	14	23	25	+11
Students with Disabilities	22	27	26	+4
Asian	67	78	74	+7
Black	34	39	41	+7
Hispanic	39	45	48	+9
Native American/Alaskan	47	63	54	+7
White	70	74	71	+1
Multiracial	56	63	66	+10



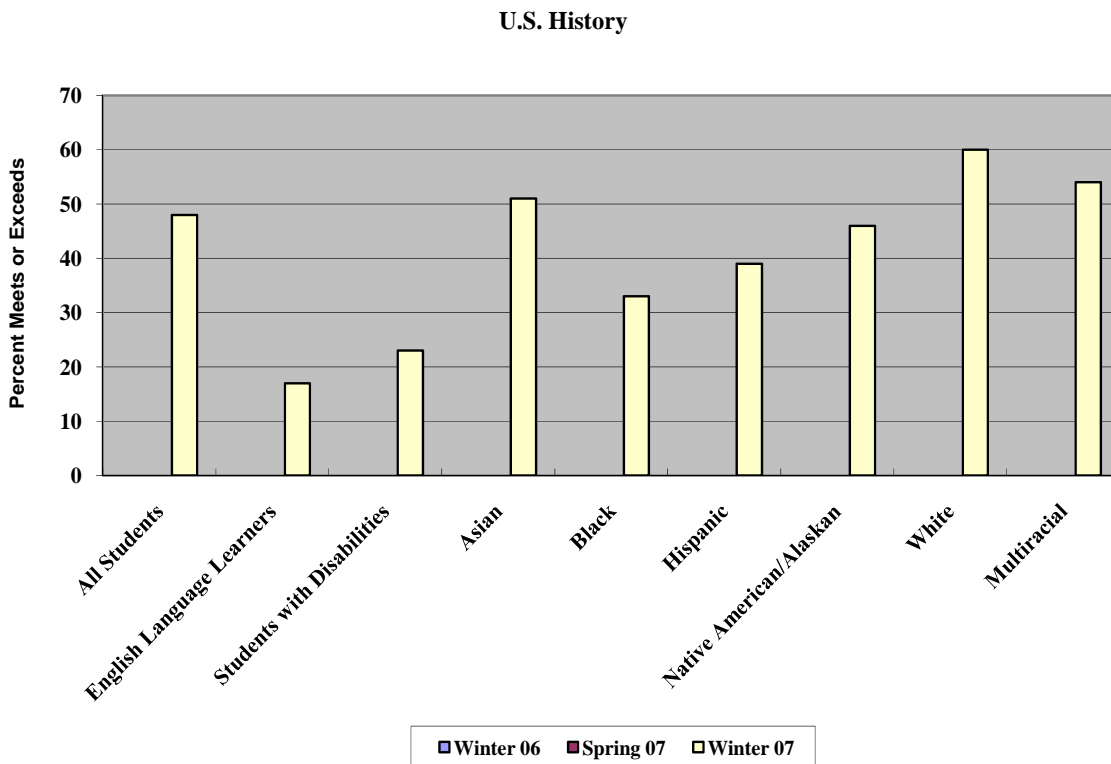
Historical Performance of Sub-Groups on the Georgia EOCT

Physical Science	Percent of Students Meeting and Exceeding Standard			
	Winter 2006	Spring 2007	Winter 2007	Change from WI 06 to WI 07
All Students	59	62	62	+3
English Language Learners	34	39	27	-7
Students with Disabilities	30	31	33	+3
Asian	70	77	73	+3
Black	44	48	49	+5
Hispanic	56	56	53	-3
Native American/Alaskan	57	65	64	+7
White	72	77	75	+3
Multiracial	66	67	68	+2



Historical Performance of Sub-Groups on the Georgia EOCT

U.S. History	Percent of Students Meeting and Exceeding Standard			
	Winter 06	Spring 07	Winter 07	Change from WI 06 to WI 07
All Students	*	*	48	*
English Language Learners	*	*	17	*
Students with Disabilities	*	*	23	*
Asian	*	*	51	*
Black	*	*	33	*
Hispanic	*	*	39	*
Native American/Alaskan	*	*	46	*
White	*	*	60	*
Multiracial	*	*	54	*

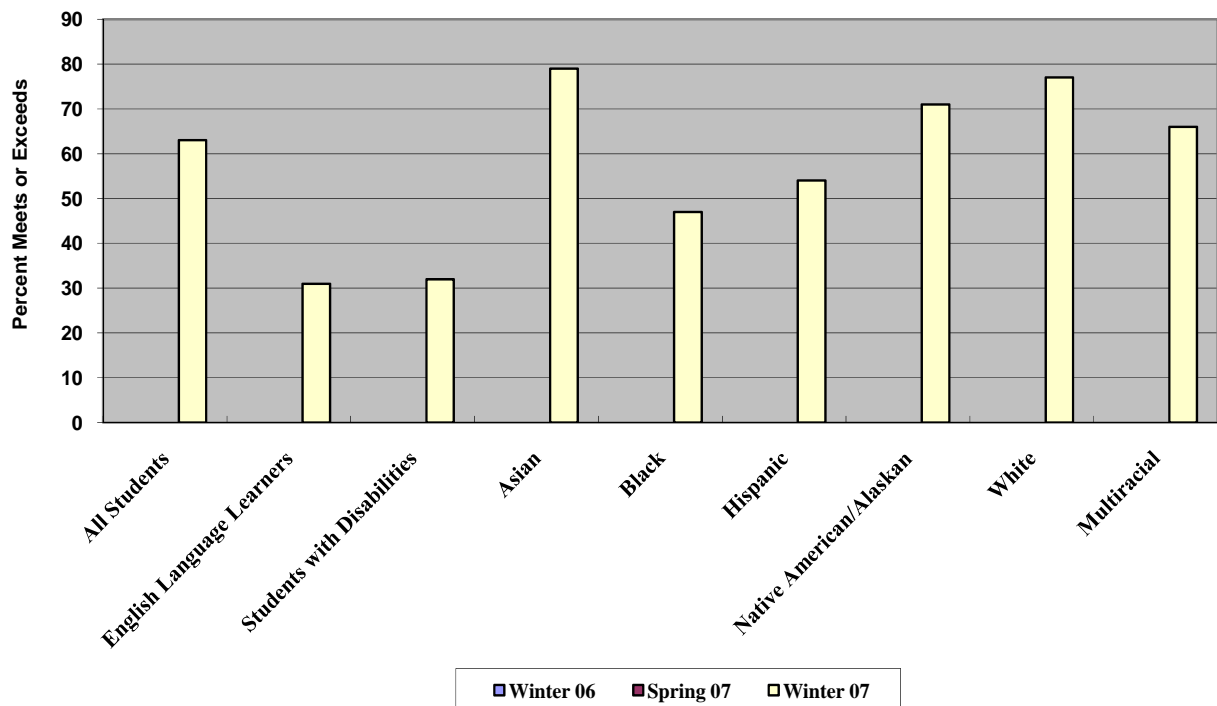


*Winter 2007 GPS EOCT cannot be compared to previous QCC-based assessments.

Historical Performance of Sub-Groups on the Georgia EOCT

Economics/Business/Free Enterprise	Percent of Students Meeting and Exceeding Standard			
	Winter 06	Spring 07	Winter 07	Change from WI 06 to WI 07
All Students	*	*	63	*
English Language Learners	*	*	31	*
Students with Disabilities	*	*	32	*
Asian	*	*	79	*
Black	*	*	47	*
Hispanic	*	*	54	*
Native American/Alaskan	*	*	71	*
White	*	*	77	*
Multiracial	*	*	66	*

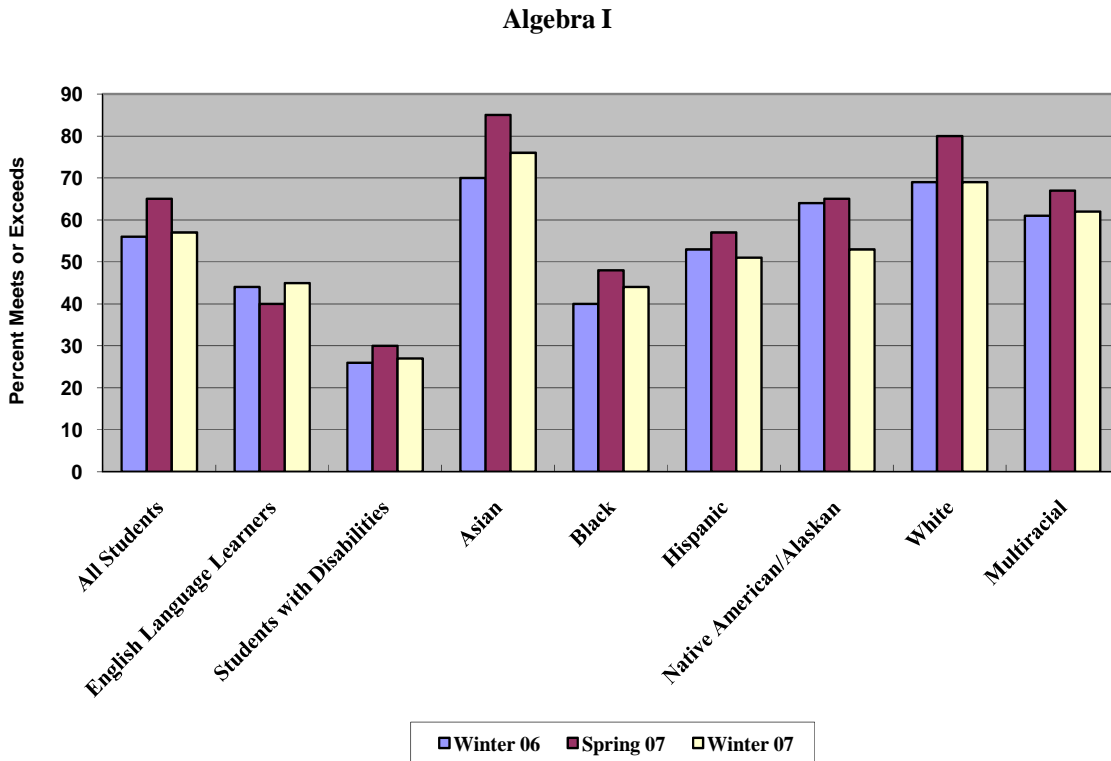
Economics/Business/Free Enterprise



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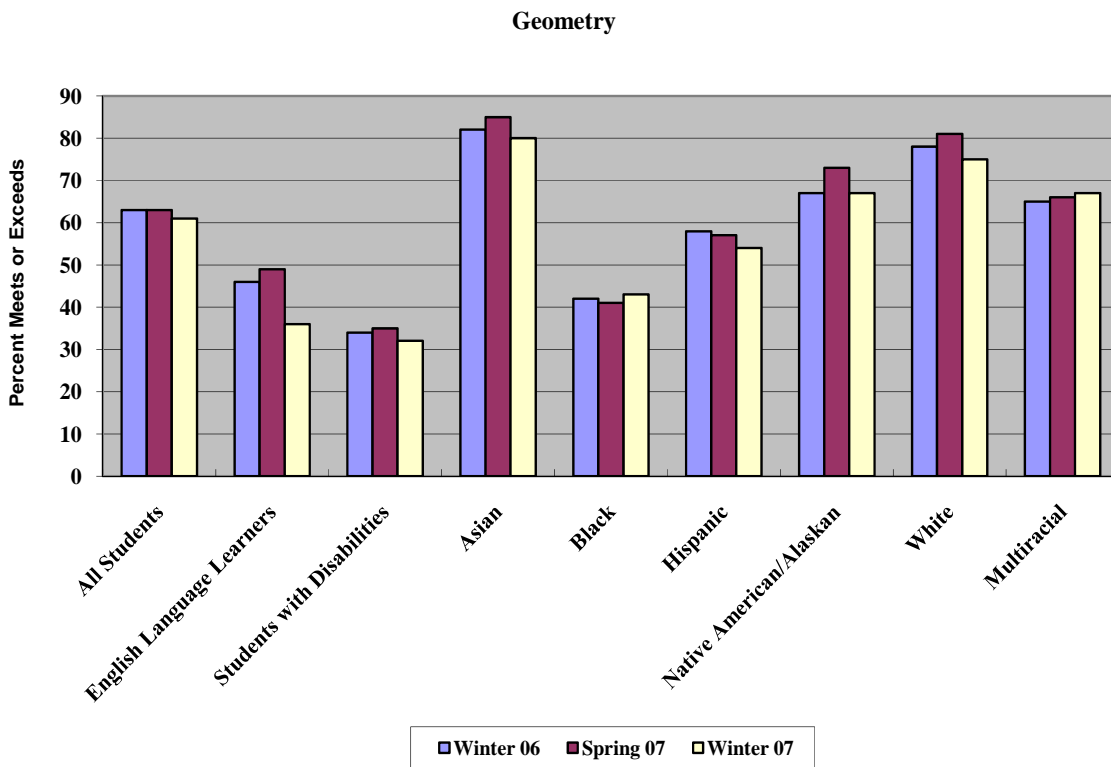
Historical Performance of Sub-Groups on the Georgia EOCT

Algebra I	Percent of Students Meeting and Exceeding Standard			
	Winter 06	Spring 07	Winter 07	Change from WI 06to WI 07
All Students	56	65	57	+1
English Language Learners	44	40	45	+1
Students with Disabilities	26	30	27	+1
Asian	70	85	76	+6
Black	40	48	44	+4
Hispanic	53	57	51	-2
Native American/Alaskan	64	65	53	-11
White	69	80	69	0
Multiracial	61	67	62	+1



Historical Performance of Sub-Groups on the Georgia EOCT

Geometry	Percent of Students Meeting and Exceeding Standard			
	Winter 06	Spring 07	Winter 07	Change from WI 06 to WI 07
All Students	63	63	61	-2
English Language Learners	46	49	35	-11
Students with Disabilities	34	35	32	-2
Asian	82	85	80	-2
Black	42	41	43	+1
Hispanic	58	57	54	-4
Native American/Alaskan	67	72	67	0
White	78	81	75	-3
Multiracial	65	66	67	+2



Number of tests administered

Spring 07*	Total tests	Electronic / 80 systems
9 th Literature & Comp.	95,948	17,403
American Literature	77,393	16,958
Biology	97,344	20,083
Physical Science	65,797	7,652
U.S. History**	80,599	17,451
Economics**	42,887	17,529
Algebra I**	123,391	17,072
Geometry**	79,431	17,558
TOTAL	662,790	131,706

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

**QCC-based assessments

Winter 07*	Total tests	Electronic / 60 systems
9 th Literature & Comp.	31,405	5,212
American Literature	30,317	7,098
Biology	34,743	7,429
Physical Science	24,654	3,485
U.S. History	24,773	6,344
Economics	45,376	17,777
Algebra I	19,731	4,727
Geometry	22,819	5,330
TOTAL	233,818	57,402

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

Mid-Month Electronic	Aug. 07	Sept. 07	Oct. 07	Nov. 07	Mid-Month Totals
9 th Literature & Comp	363	220	248	174	1005
American Literature	202	176	210	150	738
Biology	251	174	158	125	708
Physical Science	197	157	177	112	643
U.S. History	175*	136*	144*	114	569
Economics	69*	154*	3527	213	3963
Algebra I*	373	221	229	141	964
Geometry*	217	140	138	113	608
Totals	1847	1378	4831	1142	9198

*QCC-based assessments