

ACT Trends
Florida and the Nation

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Florida Department of Education
Based on information from ACT, Inc.

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**Summary - ACT Trends
Florida and the Nation
2009**

Overall Trends in Number of Test Takers and Scores (Pages 1-2)

- A total of 105,297 of Florida's 2009 graduating seniors took the ACT at some point in their high school years, an increase of 11,413 (12%) over 2008. The number of ACT-tested seniors nationwide increased by 4%.
- Florida ACT test takers represent 61% of Florida's 2009 public and nonpublic high school graduates, compared to 55% the prior year. Nationwide, the number of ACT-tested seniors represents 45% of the number of 2009 graduates.
- The composite score for Florida decreased by three-tenths of a point, from 19.8 to 19.5. The composite score for the nation is 21.1, the same as the prior year.

Profile of the 2009 Florida Test Takers Compared to the U.S.

- The profile of Florida test takers continues to look less like the profile of test takers nationwide. Minority students now comprise 55% of Florida's test takers, a 30 percentage-point increase since 1987.¹ Nationwide, minority students represent 33% of the test takers, a spread of 22 percentage points when compared with Florida. (Pages 2, 12-15)
- In particular, Florida has significantly larger percentages of African-American and Hispanic students taking the ACT than is true for the U.S. In 2009 African Americans represented 24% of the Florida test takers, compared to 14% for the nation. Hispanics represented 22% of the Florida test takers, compared to 9.5% for the nation. (Page 12)

Trends by ACT Subtest

- The ACT tests performance in four areas: English, math, reading, and science. Florida's 2009 scores decreased three tenths of a point in English, math, and science, and one tenth of a point in reading. Overall, the composite score decreased by three tenths of a point. The nation decreased by one tenth of a point in reading. All other U.S. scores remained the same. (Page 6)

¹ These percentages are based on the number of test takers who responded to the item requesting test takers to indicate their race-ethnicity. Three percent of Florida's test takers and 5 percent of those in the nation did not include this information. (Page 13)

- ACT recently introduced an optional essay section. Half (47%) of the 2009 Florida ACT test takers elected to take the essay, earning an average score of 7.3 (on a scale of 2 to 12). Nationwide, 54% took the essay, yielding an average score of 7.2. (Page 8)
- Test takers who elect to take the essay section tend to be better-prepared than those who do not. Florida essay takers scored 21.1 on the English subtest, compared to 16.3 for those who did not take the essay.
- The ACT results underscore the importance of taking rigorous coursework. Florida students who took calculus while in high school averaged 23.3 on the mathematics section, compared to 19.8 for those whose highest math course was trigonometry or another advanced math (but not both), and 16.9 for those who have not taken any courses beyond geometry and Algebra 2. Three percent of the Florida test takers reported that they will have finished calculus by the time they graduated, while 23% did not go beyond Algebra 2 and geometry and 8% reported they had less than three years of math. (Page 9)
- Students who have skipped general science to take biology, chemistry, and physics averaged 22.3 on the ACT science section. (Some of these students may have taken more than one year of biology or chemistry). Students with three years or more of science, but not physics, averaged 18.7, while those who had less than three years of natural science averaged 16.7. (Page 10)

Uses of the ACT in Florida. ACT is a college entrance examination taken voluntarily by the students at times and testing sites set by the testing company. Examples of ways in which ACT scores (or, alternatively, concordant SAT scores) are used in Florida include the following:

- For admissions to a state university, along with high school grade point average (GPA) and other factors. Eligibility is determined by a sliding scale, depending on the student's GPA. For instance, a student with a GPA of 2.9 or higher can meet the eligibility requirement with an ACT composite score of 20, while a student with a GPA of 2.0 needs an ACT score of 25.
- For meeting qualifications for the Bright Futures Scholarship Program. For instance, a Florida Academic Scholars Award requires an ACT score of 28, while a Florida Medallion Scholars Award requires a score of 20.
- For placement into regular college courses. Students who present an ACT reading score of 18, an English score of 17, and a mathematics score of 19 may be exempted from taking the Florida College Entry-Level Placement Test. The Florida College Entry-Level Placement Test is used to place students either in regular college courses or college preparatory courses.
- For admissions to a state university under the Talented 20 Program. In order to be eligible for the Talented 20 Program, a student must take either the ACT or the SAT.

ACT Trends by Racial/Ethnic Groups (Pages 12-16)

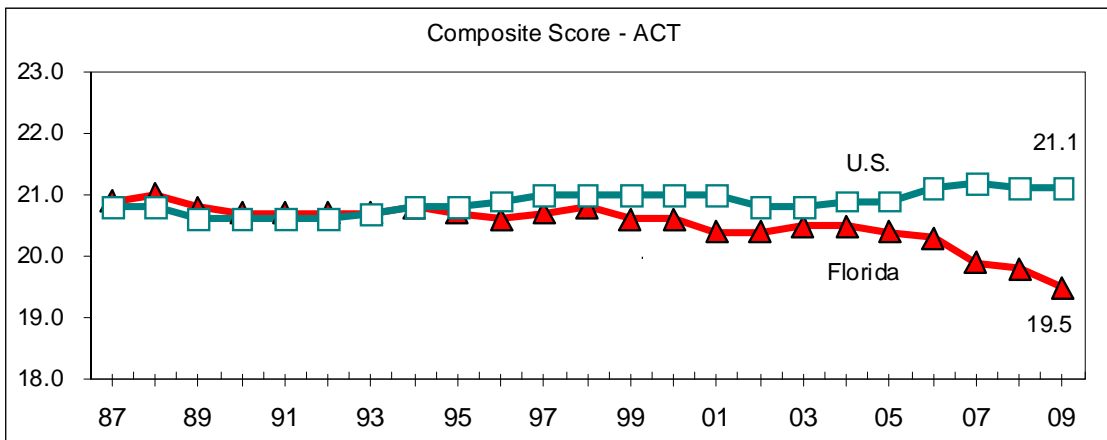
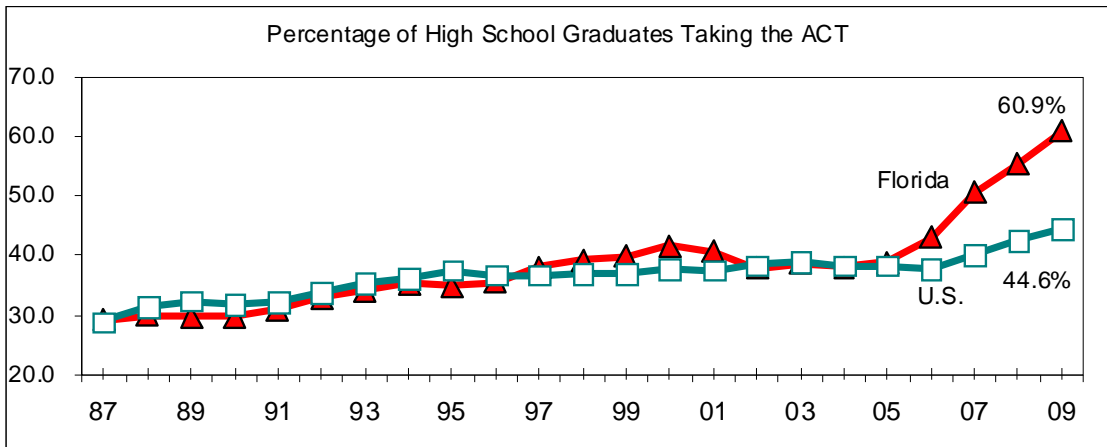
- The numbers of Florida’s Hispanic and African-American ACT test takers continue to increase significantly, along with those in the category labeled *Other*. (Other includes students who designated themselves as multiracial.)
- Over the last five-years the number of Hispanic test takers in Florida increased by 164%, those in the category Other by 157%, and African Americans by 136%. During the same period, the number of Asians and white non-Hispanics also increased but much more slowly, Asians by 76% and white non-Hispanics by 54%. (Page 12)
- The numbers of Hispanic and African-American test takers have also increased across the nation, but at less than half the rate as these groups in Florida. As a result, in 2009 African American and Hispanics together represent 46% of the Florida ACT test takers, but only 23% of the U.S. test takers.
- The 2009 average composite score for white non-Hispanic test takers in Florida remained the same as 2008, while scores for African Americans decreased by two tenths of a point and Hispanics by three tenths of a point. Scores for Asians increased by one tenth of a point. (Page 15)
- Prior to 2007, Florida’s ACT scores for white non-Hispanic, African-American, and Asian test takers generally tracked scores for these same groups nationwide. However, for the last three years the composite scores for Florida for all three groups have fallen below the scores for the U.S. (Page 14)
- Although Hispanic test takers in Florida have previously achieved significantly higher scores than have Hispanic test takers nationwide, Florida fell behind in 2009 with a composite score of 18.5, compared to 18.7 for the U.S.
- Course-taking patterns help to explain score differences among racial-ethnic groups. Among those test takers who reported the courses they had taken or would have taken by the time they graduated, 35% of Florida’s African-American ACT test takers had not completed all the core academic subjects compared to 27% of the Hispanic test takers, 25% of white non-Hispanic, and 18% of Asian test takers. (Page 13)
- Average family income patterns vary greatly the three major racial-ethnic groups. (Page 16) The families of Florida African-American and Hispanic test takers are more likely to have an average income of less than \$30,000, while the families of white non-Hispanic test takers are more likely to have an income of \$60,000 or more.

ACT Trends by Gender

- Females comprise 58% of the Florida test takers, compared to 55% for the nation. Among Florida test takers, the percentages of females increased from 57% in 1992 to 61% in 2004. The percentage has decreased the last four years, but female test takers continue to outnumber males. (Page 18)
- Most test takers, regardless of gender, take four or more years of English. The gap is closing between the percentage of males and females who take higher level math courses. However, a gap remains in the sciences, where more males (46%) reporting they have taken physics, compared to 39% for the females.
- Florida female ACT test takers consistently outscore males at every course level in English and reading, while males consistently outscore females at every course level in math and science. (Page 19)

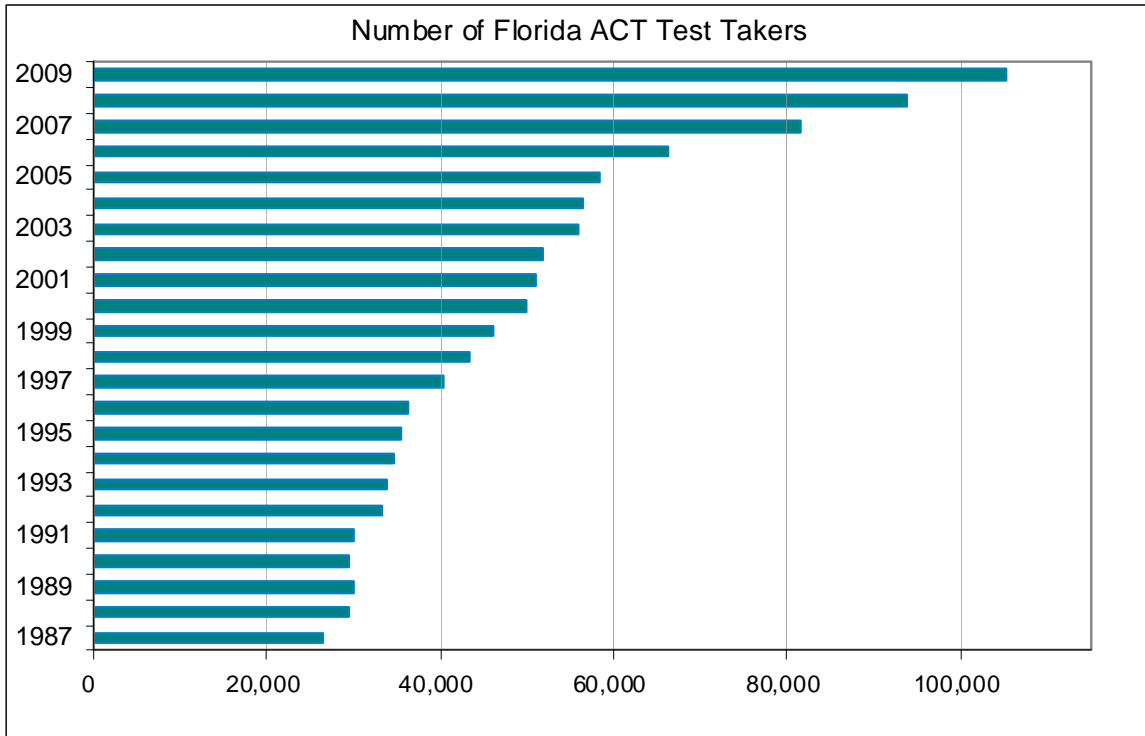
Grad. Year	ACT - Florida				ACT - United States			
	Test Takers	Florida High Sch. Graduates*	Test Takers as a % of Grads	Composite Score	Test Takers	U.S. High Sch. Graduates	Test Takers as a % of Grads	Composite Score
1985-86	23,980	90,550	26.5	21.0	729,606	2,650,442	27.5	20.8
1987-88	29,610	99,125	29.9	21.0	842,322	2,768,189	30.4	20.8
1989-90	29,328	98,525	29.8	20.7	817,096	2,563,875	31.9	20.6
1991-92	33,283	101,350	32.8	20.7	832,217	2,461,249	33.8	20.6
1993-94	34,528	97,950	35.3	20.8	891,714	2,461,216	36.2	20.8
1995-96	36,264	102,356	35.4	20.6	924,663	2,522,297	36.7	20.9
1997-98	43,379	110,385	39.3	20.8	995,039	2,705,110	36.8	21.0
1999-00	49,928	120,163	41.6	20.6	1,065,138	2,832,879	37.6	21.0
2000-01	51,118	126,047	40.6	20.4	1,069,772	2,850,006	37.5	21.0
2001-02	51,935	137,258	37.8	20.4	1,116,082	2,910,665	38.3	20.8
2002-03	55,784	144,338	38.6	20.5	1,175,059	3,019,234	38.9	20.8
2003-04	56,431	148,368	38.0	20.5	1,171,460	3,058,145	38.3	20.9
2004-05	58,302	150,447	38.8	20.4	1,186,251	3,096,834	38.3	20.9
2005-06	66,299	154,097	43.0	20.3	1,206,455	3,189,538	37.8	21.1
2006-07	81,527	161,315	50.5	19.9	1,300,599	3,254,432	40.0	21.2
2007-08	93,884	169,578	55.4	19.8	1,421,941	3,340,235	42.6	21.1
2008-09	105,297	172,933	60.9	19.5	1,480,469	3,320,163	44.6	21.1

*The numbers of Florida graduates include all public high school diploma recipients (including special diplomas) and nonpublic high school gra



Number of Florida ACT Test Takers
1987 - 2009

<u>Year</u>	<u>Test Takers</u>	<u>Year</u>	<u>Test Takers</u>
1986	23,980	1998	43,379
1987	26,558	1999	46,072
1988	29,610	2000	49,928
1989	29,916	2001	51,118
1990	29,328	2002	51,935
1991	30,019	2003	55,784
1992	33,283	2004	56,431
1993	33,775	2005	58,302
1994	34,528	2006	66,299
1995	35,596	2007	81,527
1996	36,264	2008	93,884
1997	40,496	2009	105,297

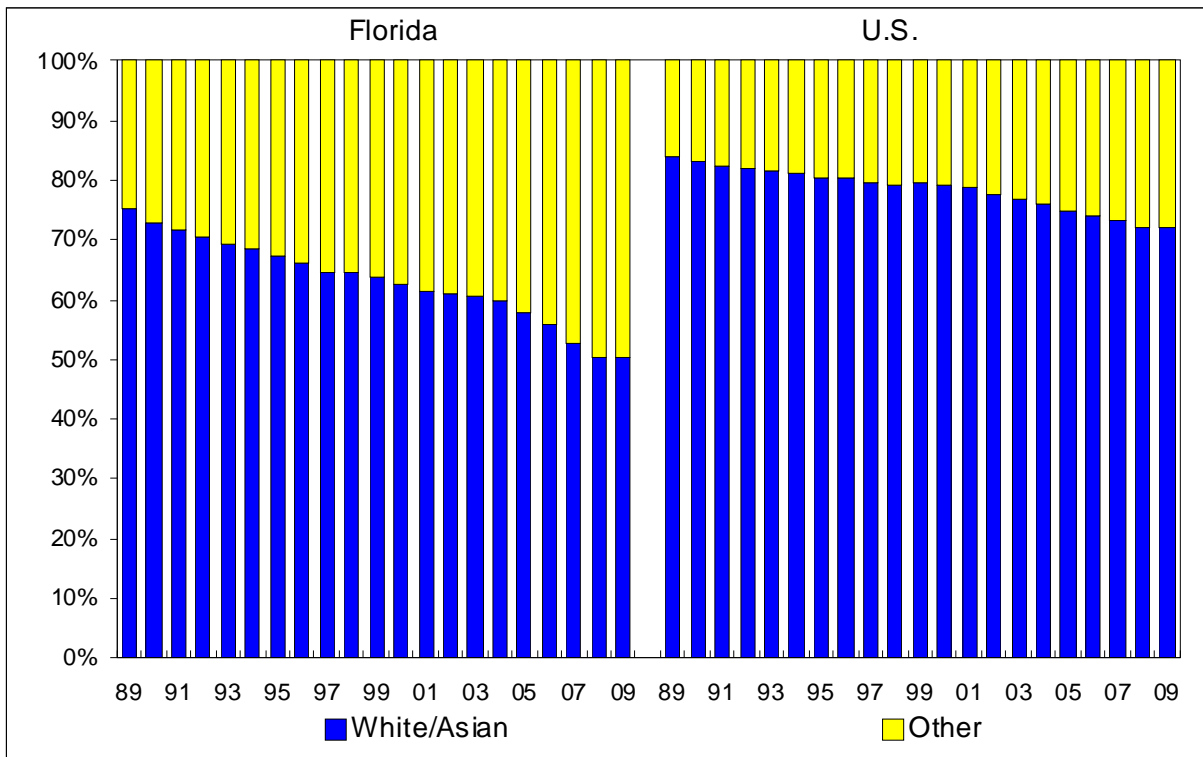


Percentage of Test Takers from Groups Which Historically Have Above-Average Means

	Florida							U.S.						
	1988	1992	1996	2000	2004	2008	2009	1988	1992	1996	2000	2004	2008	2009
White	74.4	66.8	61.6	59.0	56.2	47.0	44.8	82.8	79.0	77.0	75.6	72.4	68.3	66.6
Asian	2.5	3.8	4.4	3.7	3.5	3.4	3.3	2.0	3.0	3.3	3.5	3.6	3.9	4.2
Total	76.9	70.6	66.0	62.7	59.7	50.4	48.1	84.8	82.0	80.3	79.1	76.0	72.2	70.8
Difference: Florida Percentage Minus U.S. Percentage								-7.9	-11.4	-14.3	-16.4	-16.3	-21.8	-22.7

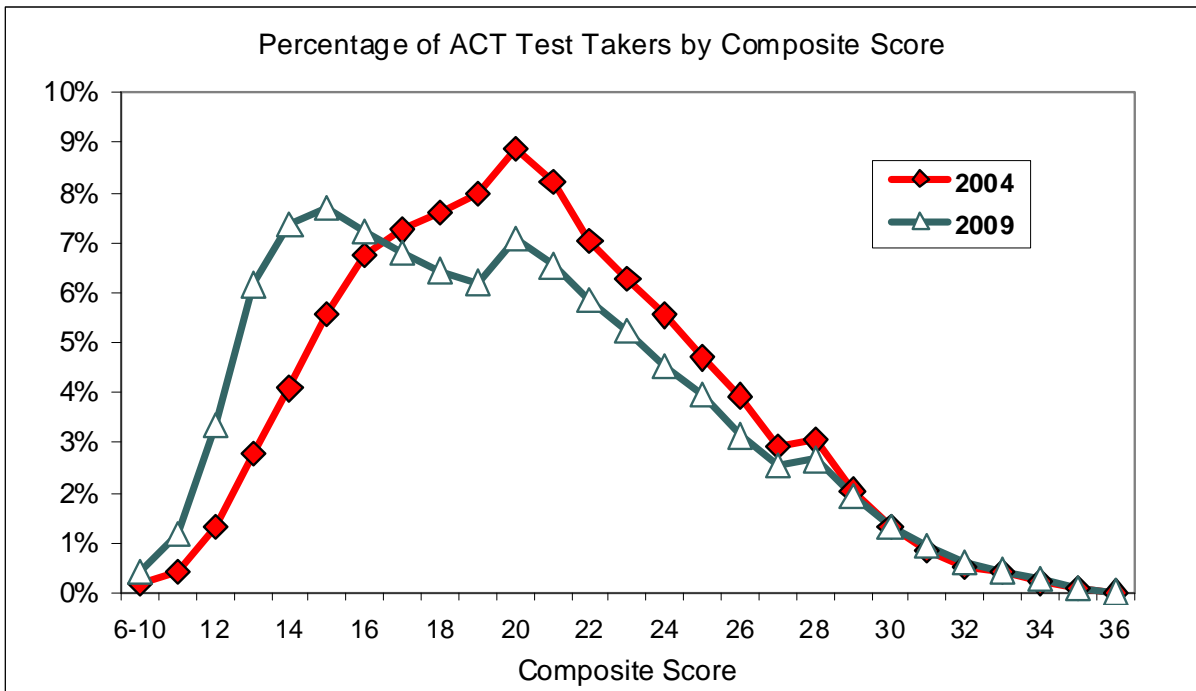
Percentage of Test Takers from Groups Which Historically Have Below-Average Means

	Florida							U.S.						
	1988	1992	1996	2000	2004	2008	2009	1988	1992	1996	2000	2004	2008	2009
Afri. Amer.	12.3	15.3	16.6	18.2	19.4	22.9	23.7	8.9	9.9	10.3	11.0	12.1	13.6	13.9
Hispanic	7.5	10.9	13.0	14.1	15.9	20.8	21.7	3.6	5.1	5.6	5.8	7.2	8.8	9.4
Other	3.3	3.2	4.4	5.0	5.0	5.9	6.6	2.7	3.0	3.8	4.1	4.7	5.4	5.9
Total	23.1	29.4	34.0	37.3	40.3	49.6	52.0	15.2	18.0	19.7	20.9	24.0	27.8	29.2



Percentage of Test Takers by ACT Score

Score	2004	2009
6-10	0.18%	0.40%
11	0.43%	1.17%
12	1.33%	3.35%
13	2.76%	6.17%
14	4.09%	7.38%
15	5.58%	7.70%
16	6.76%	7.21%
17	7.25%	6.79%
18	7.61%	6.45%
19	7.99%	6.21%
20	8.87%	7.09%
21	8.22%	6.55%
22	7.05%	5.86%
23	6.26%	5.23%
24	5.56%	4.55%
25	4.70%	3.96%
26	3.94%	3.14%
27	2.93%	2.55%
28	3.04%	2.66%
29	2.04%	1.93%
30	1.31%	1.31%
31	0.86%	0.94%
32	0.53%	0.60%
33	0.40%	0.43%
34	0.21%	0.26%
35	0.07%	0.09%
36	0.01%	0.01%

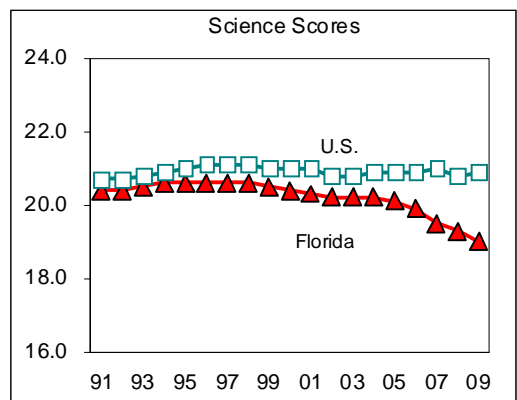
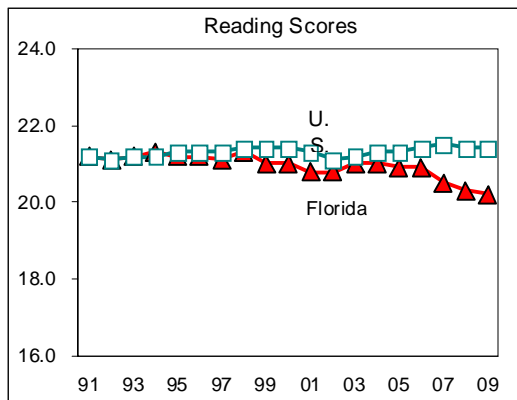
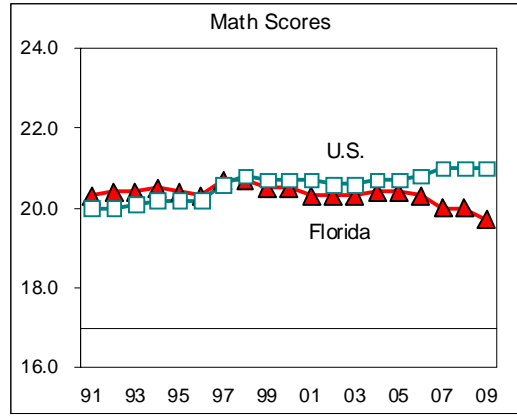
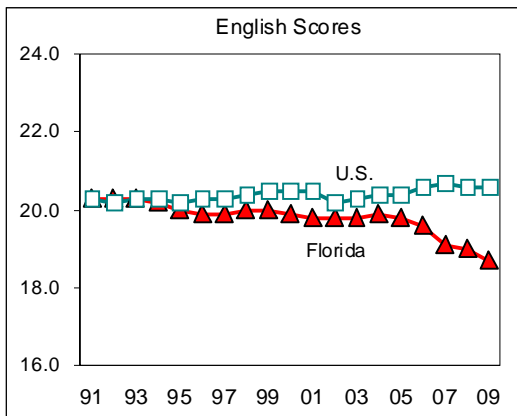


ACT Scores
by Subtest

ACT Scores by Subject
Florida and the U.S.

Florida	1991	1995	1999	2001	2003	2005	2007	2008	2009	Change 07 to '08
English	20.3	20.0	20.0	19.8	19.8	19.8	19.1	19.0	18.7	-0.3
Math	20.3	20.4	20.5	20.3	20.3	20.4	20.0	20.0	19.7	-0.3
Reading	21.2	21.2	21.0	20.8	21.0	20.9	20.5	20.3	20.2	-0.1
Science	20.4	20.6	20.5	20.3	20.2	20.1	19.5	19.3	19.0	-0.3
Composite	20.7	20.7	20.6	20.4	20.5	20.4	19.9	19.8	19.5	-0.3

U.S.	1991	1995	1999	2001	2003	2005	2007	2008	2009	Change 07 to '08
English	20.3	20.2	20.5	20.5	20.3	20.4	20.7	20.6	20.6	0.0
Math	20.0	20.2	20.7	20.7	20.6	20.7	21.0	21.0	21.0	0.0
Reading	21.2	21.3	21.4	21.3	21.2	21.3	21.5	21.4	21.4	0.0
Science	20.7	21.0	21.0	21.0	20.8	20.9	21.0	20.8	20.9	0.1
Composite	20.6	20.8	21.0	21.0	20.8	20.9	21.2	21.1	21.1	0.0



ACT Subscores - Florida and the U.S.

FLORIDA											
	1992	1994	1996	1998	2000	2002	2004	2006	2008	2009	Change 08 to 09
English											
Usage/Mech.	10.2	10.2	9.9	10.0	10.0	9.8	9.9	9.7	9.3	9.1	-0.2
Rhetorical Skills	10.3	10.4	10.2	10.3	10.3	10.2	10.2	10.1	9.8	9.7	-0.1
Mathematics											
Pre/Elem. Alg.	10.7	10.7	10.6	11.0	10.9	10.7	10.8	10.7	10.4	10.2	-0.2
Algebra/Geom.	10.2	10.2	10.1	10.2	10.0	10.0	10.2	10.1	9.9	9.9	0.0
Plane Geom./Trig.	10.3	10.3	10.3	10.5	10.3	10.2	10.2	10.1	9.9	9.7	-0.2
Reading											
Social Studies/Sci.	10.3	10.4	10.4	10.5	10.4	10.5	10.5	10.4	10.1	10.1	-0.3
Arts/Lit.	11.3	11.2	11.1	11.2	11.0	10.7	10.9	10.8	10.4	10.3	-0.5

U.S.											
	1992	1994	1996	1998	2000	2002	2004	2006	2008	2009	Change 08 to 09
English											
Usage/Mech.	10.2	10.2	10.1	10.2	10.3	10.0	10.2	10.3	10.3	10.2	-0.1
Rhet. Skills	10.3	10.4	10.4	10.5	10.6	10.4	10.5	10.7	10.7	10.6	-0.1
Mathematics											
Pre/Elem. Alg.	10.4	10.4	10.4	10.9	10.9	10.8	10.9	10.9	11.0	10.9	-0.1
Algebra/Geom.	10.0	10.1	10.0	10.2	10.1	10.1	10.3	10.4	10.5	10.5	0.0
Plane Geom./Trig.	10.2	10.3	10.4	10.7	10.6	10.5	10.4	10.5	10.5	10.4	-0.1
Reading											
Social Studies/Sci.	10.4	10.5	10.6	10.6	10.7	10.7	10.8	10.8	10.8	10.8	0.0
Arts/Lit.	11.2	11.2	11.1	11.2	11.1	10.8	10.9	11.0	10.9	11.0	0.1

DIFFERENCE											
	1992	1994	1996	1998	2000	2002	2004	2006	2008	2009	
English											
Usage/Mech.	0.0	0.0	-0.2	-0.2	-0.3	-0.2	-0.3	-0.6	-1.0	-1.1	
Rhet. Skills	0.0	0.0	-0.2	-0.2	-0.3	-0.2	-0.3	-0.6	-0.9	-0.9	
Mathematics											
Pre/Elem. Alg.	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	-0.2	-0.6	-0.7	
Algebra/Geom.	0.2	0.1	0.1	0.0	-0.1	-0.1	-0.1	-0.3	-0.6	-0.6	
Plane Geom./Trig.	0.1	0.0	-0.1	-0.2	-0.3	-0.3	-0.2	-0.4	-0.6	-0.7	
Reading											
Social Studies/Sci.	-0.1	-0.1	-0.2	-0.1	-0.3	-0.2	-0.3	-0.4	-0.7	-0.7	
Arts/Lit.	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	-0.5	-0.7	

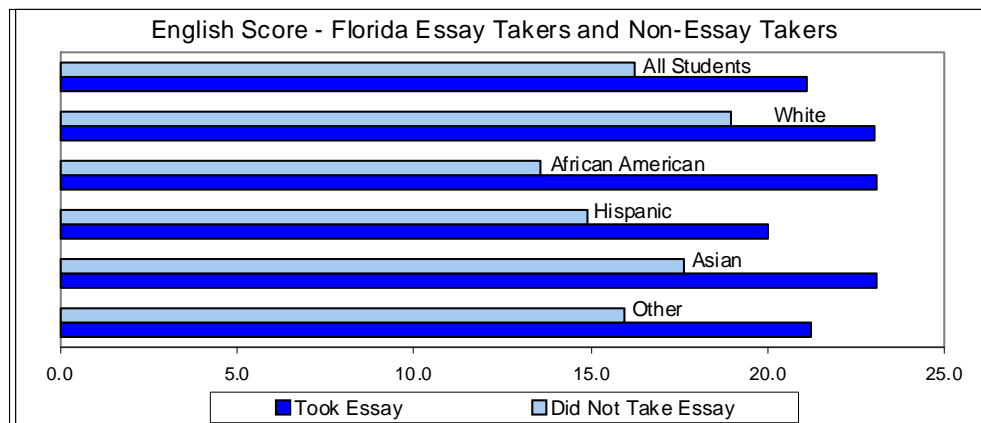
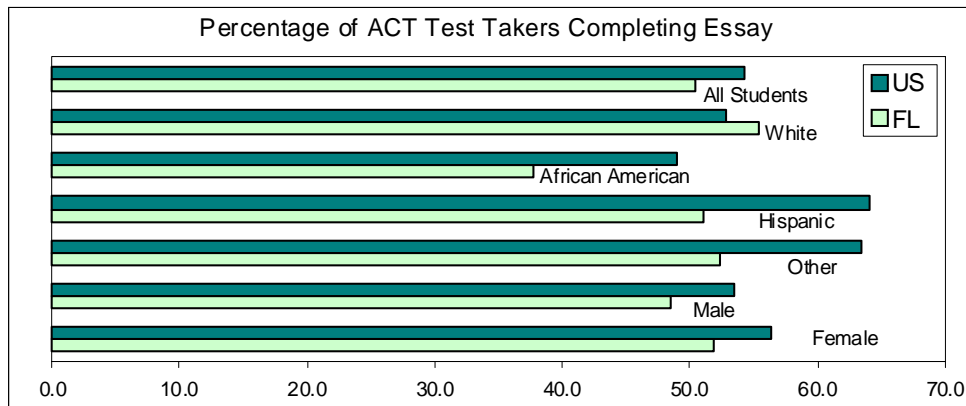
Note: Negative numbers above indicate that Florida is below the U.S.

Average ACT English and Writing Scores for Students Who Took ACT Essay

	Number - 2009		% Taking		Scores - 2009			English Did Not Take Essay	English Difference Essay Takers & Non- Essay Takers
	ACT		Essay		English*	Essay	English/ Essay Combined		
	Test Takers	Essay	2008	2009					
Florida									
All Students	105,297	53,095	47.3	50.4	21.1	7.3	20.6	16.3	4.8
White Non-Hispanic	45,839	25,370	51.3	55.3	23.0	7.4	22.1	19.0	4.0
African American	24,268	9,156	35.1	37.7	16.8	6.8	17.1	13.6	3.2
Hispanic	22,238	11,373	46.7	51.1	20.0	7.3	19.8	14.9	5.1
Asian	3,343	2,179	61.0	65.2	23.1	7.5	22.3	17.6	5.5
Native American	326	163	44.4	50.0	21.5	7.1	20.8	17.5	4.0
Other/No Response'	9,283	4,854	52.0	52.3	21.2	7.3	20.7	16.0	5.2
Males	44,488	21,607	45.0	48.6	20.8	7.0	20.1	15.9	4.9
Females	60,613	31,400	48.45	51.8	21.3	7.4	21.0	16.7	4.6
Gender/No Respons	196	88	60.15	44.9	23.3	7.5	22.4	14.4	8.9
National									
All Students	1,480,469	804,713	54.2	54.4	21.5	7.2	20.8	19.5	2.0
White Non-Hispanic	941,206	497,164	51.8	52.8	22.8	7.3	21.9	20.9	1.9
African American	196,149	96,225	48.2	49.1	16.5	6.4	16.5	15.5	1.0
Hispanic	133,569	85,681	62.0	64.1	18.4	7.0	18.4	16.4	2.0
Asian	59,093	44,716	72.7	75.7	23.5	7.6	22.8	19.8	3.7
Native American	15,773	5,489	35.8	34.8	18.9	6.7	18.5	17.4	1.5
Other/No Response'	134,679	85,438	63.7	63.4	21.4	7.2	20.8	18.7	2.7
Males	668,165	357,025	52.34	53.4	21.1	6.9	20.3	19.2	1.9
Females	808,097	455,190	55.21	56.3	21.7	7.4	21.2	19.9	1.8
Gender/No Respons	4,207	2,498	65.93	59.4	22.1	7.2	21.3	17.7	4.4

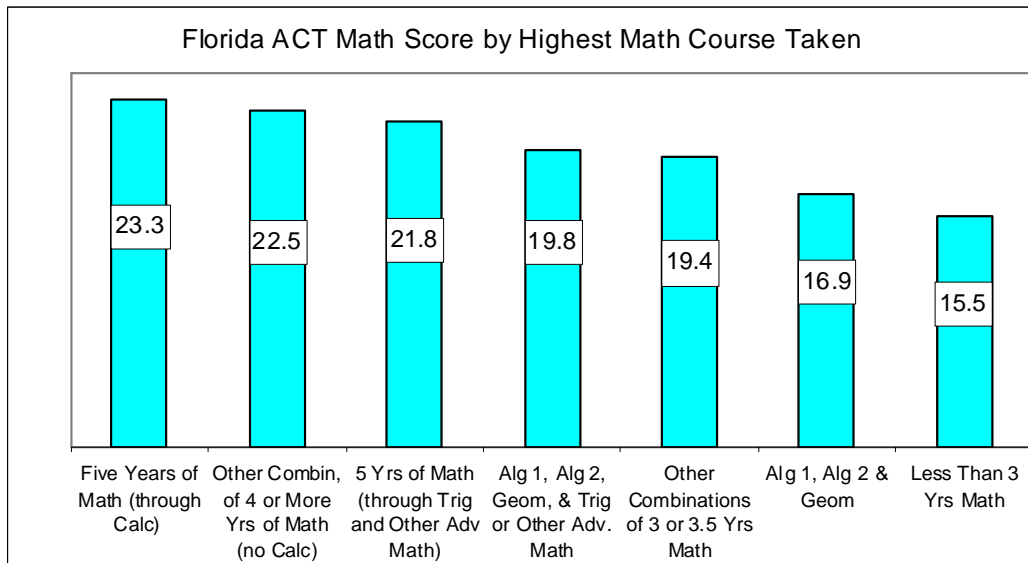
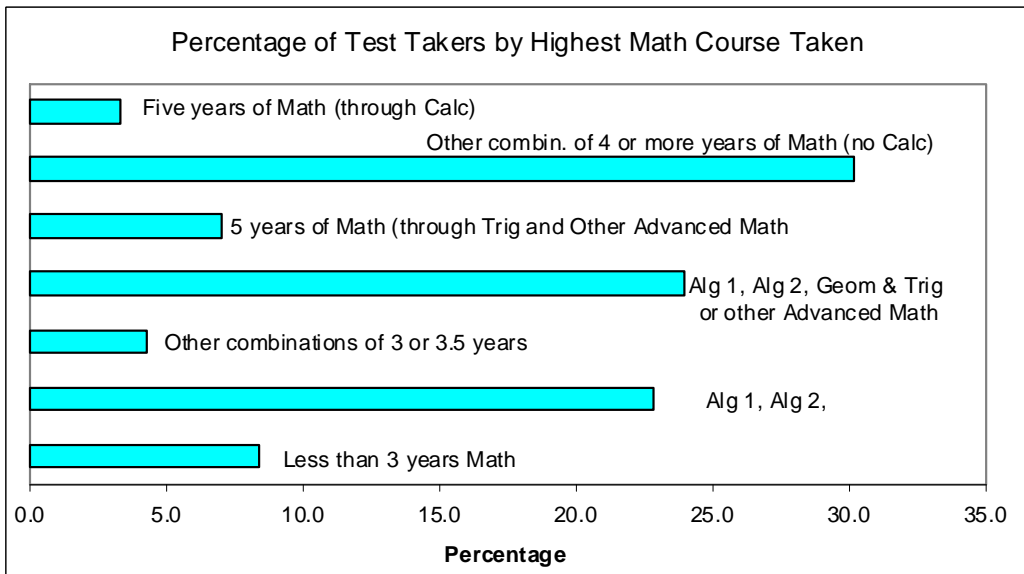
*Average English score for students who completed the essay section.

**Students who did not indicate racial/ethnicity



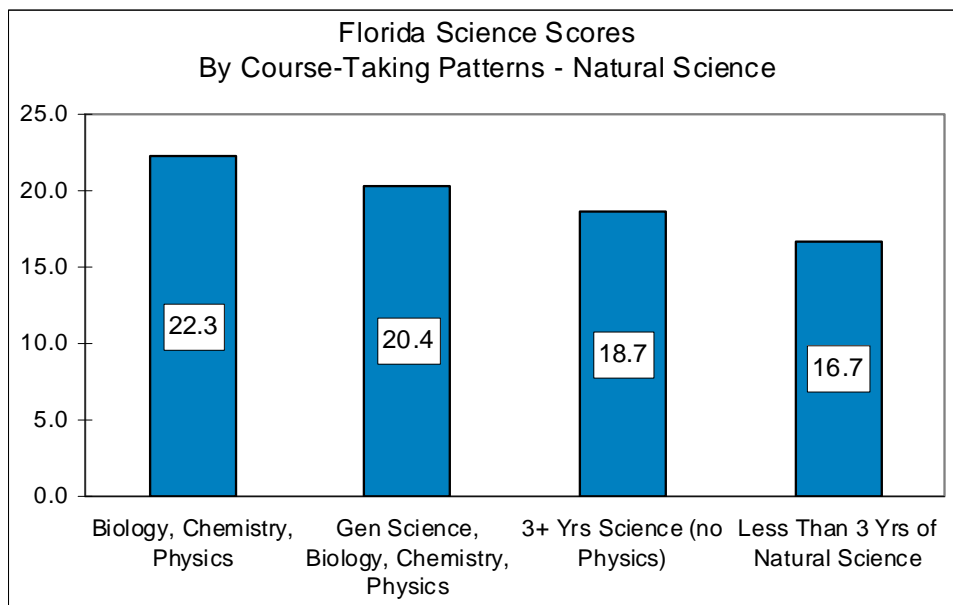
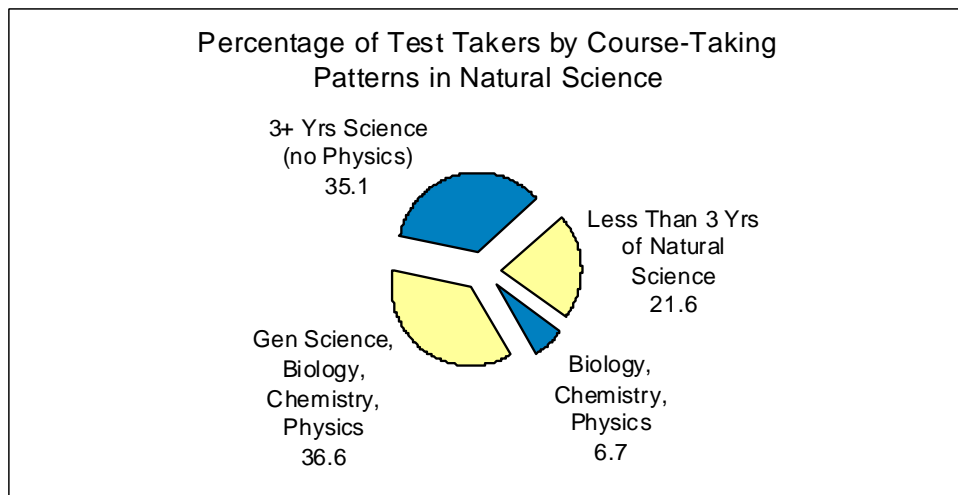
Florida Students - 2009
ACT Math Scores by Highest Math Course Taken

	# Students	%	ACT Math
Five Years of Math (through Calc)	3,421	3.4	23.3
Other Combinations of 4 or More Yrs of Math (no Calc)	30,817	30.2	22.5
5 Yrs of Math (through Trig and Other Adv Math)	7,165	7.0	21.8
Alg 1, Alg 2, Geom, & Trig or Other Adv. Math	24,429	23.9	19.8
Other Combinations of 3 or 3.5 Yrs Math	4,335	4.2	19.4
Alg 1, Alg 2 & Geom	23,317	22.9	16.9
Less Than 3 Yrs Math	8,533	8.4	15.5
Total Responding	102,017		



Florida Students - 2009
 ACT Scores by Course-Taking Patterns
 Natural Science

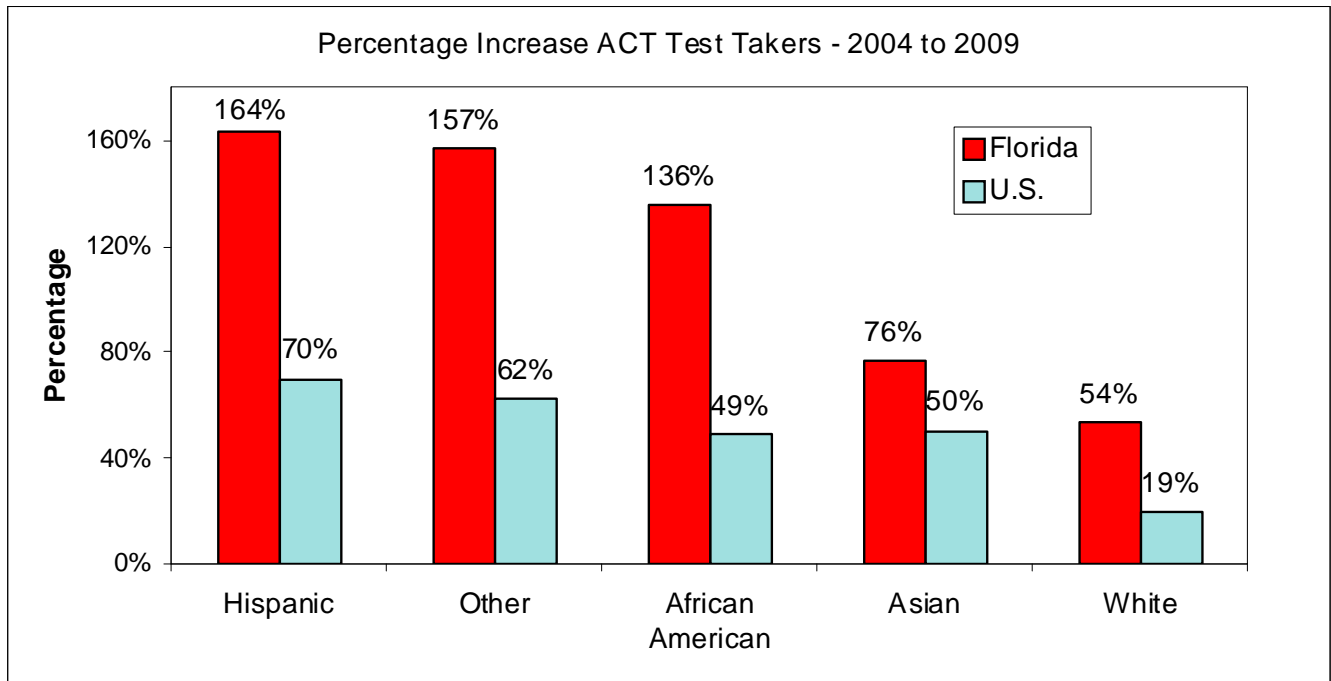
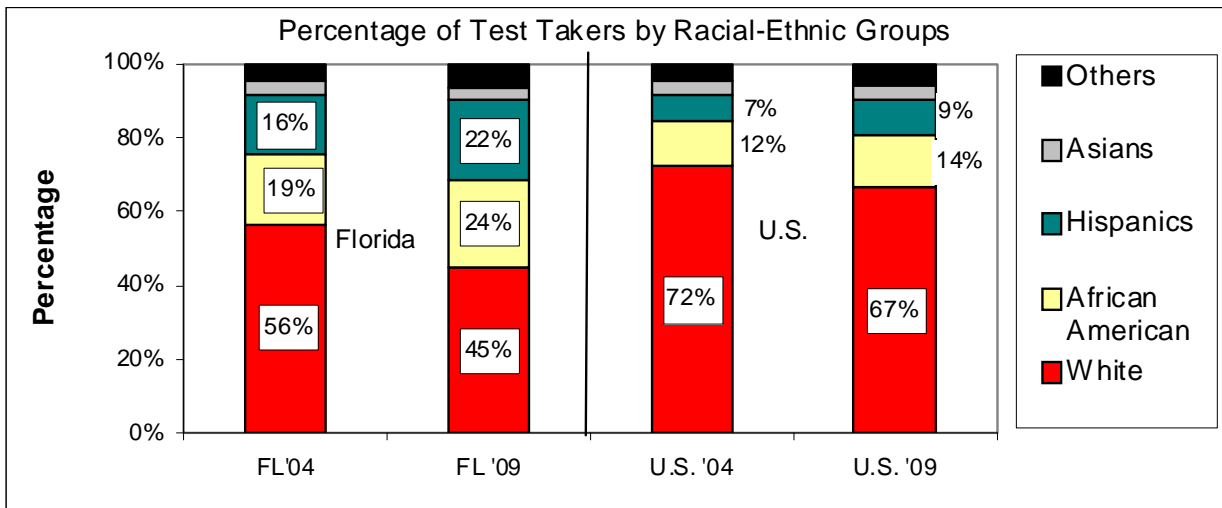
Science Course Patterns	# Students	%	ACT Science Score
Biology, Chemistry, Physics	6,818	6.7	22.3
Gen Science, Biology, Chemistry, Physics	37,342	36.6	20.4
Three Years or More of Science (no Physics)	35,730	35.1	18.7
Less Than 3 Years of Natural Science	22,050	21.6	16.7
Total Responding	101,940	100.0	



ACT Scores
by Racial/Ethnic Groups

Number of ACT Test Takers by Racial-Ethnic Group

	Florida			% Difference		U.S.			% Difference	
	2004	2008	2009	2004-2009	2008-2009	2004	2008	2009	2004-2009	2008-2009
Hispanics	8,438	18,288	22,238	163.5	21.6	78,584	114,697	133,569	70.0	16.5
Others	2,615	5,183	6,721	157.0	29.7	50,759	70,342	82,381	62.3	17.1
African Amer.	10,289	20,215	24,268	135.9	20.0	131,925	178,417	196,149	48.7	9.9
Asians	1,896	2,967	3,343	76.3	12.7	39,337	51,368	59,093	50.2	15.0
White	29,829	41,431	45,839	53.7	10.6	787,870	895,588	941,206	19.5	5.1



**2009 ACT Composite Scores by Racial/Ethnic Groups
Florida and the Nation**

Racial-Ethnic Groups	Florida		U.S.		Difference*	
	%	Score	%	Score	%	Score
White	44.8	21.6	66.6	22.2	-21.9	-0.6
African American	23.7	16.2	13.9	16.9	9.8	-0.7
Hispanic	21.7	18.5	9.5	18.7	12.3	-0.2
Asian	3.3	22.0	4.2	23.2	-0.9	-1.2
Native American	0.3	20.3	1.1	18.9	-0.8	1.4
Other	3.2	18.2	2.2	19.9	1.0	-1.7
Multiracial	3.1	20.0	2.5	21.0	0.5	-1.0
Total Responded**	100.0	19.5	100.0	21.1	0.0	-1.6
Nonrespondents	2.7	20.4	4.6	21.4	-1.9	-1.0
Total	105,297	19.5		21.1		-1.6

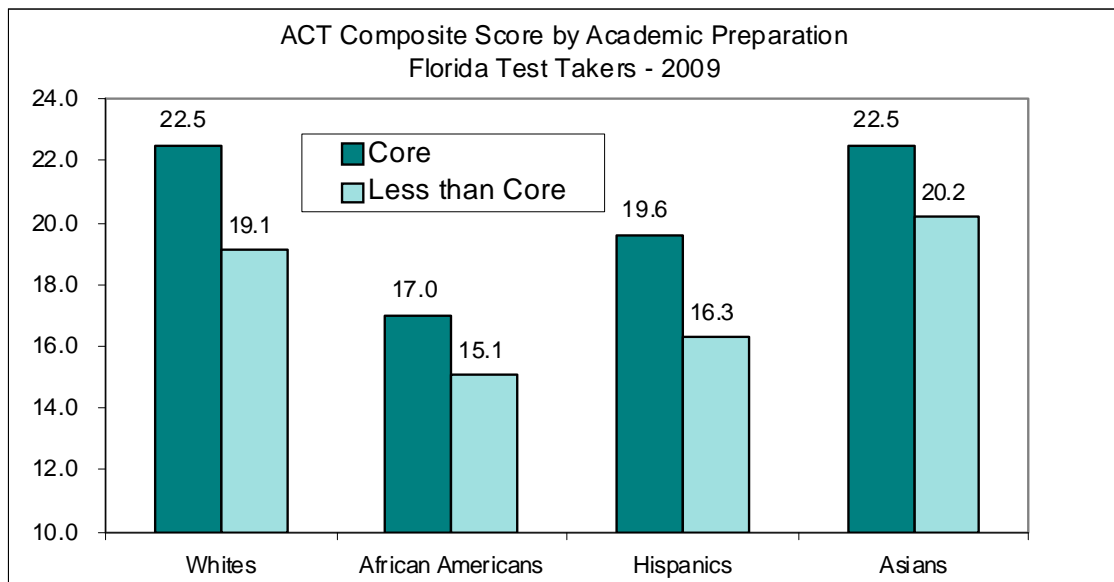
*Positive values: Florida is higher than the U.S.

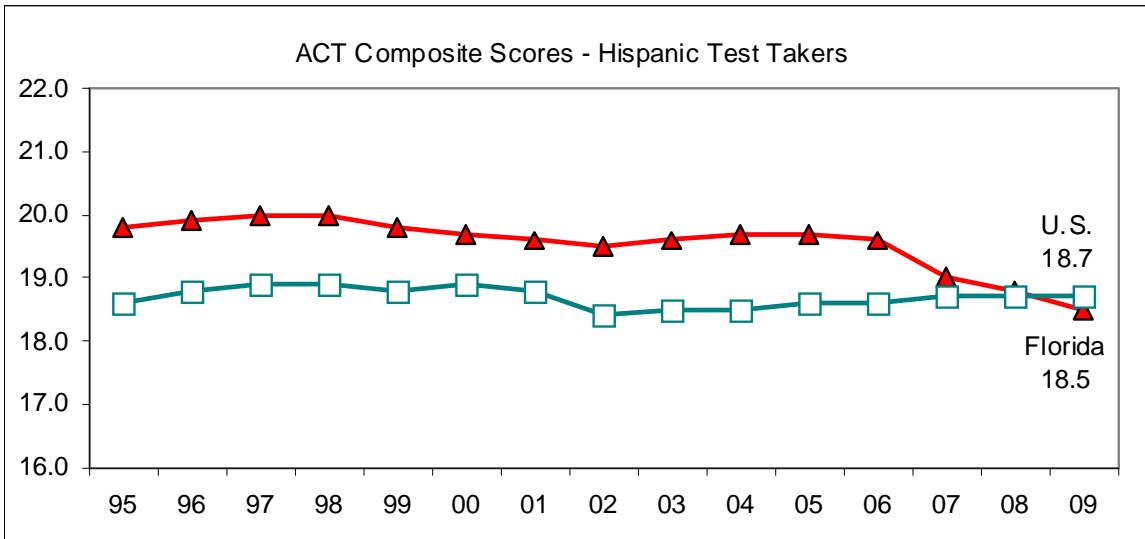
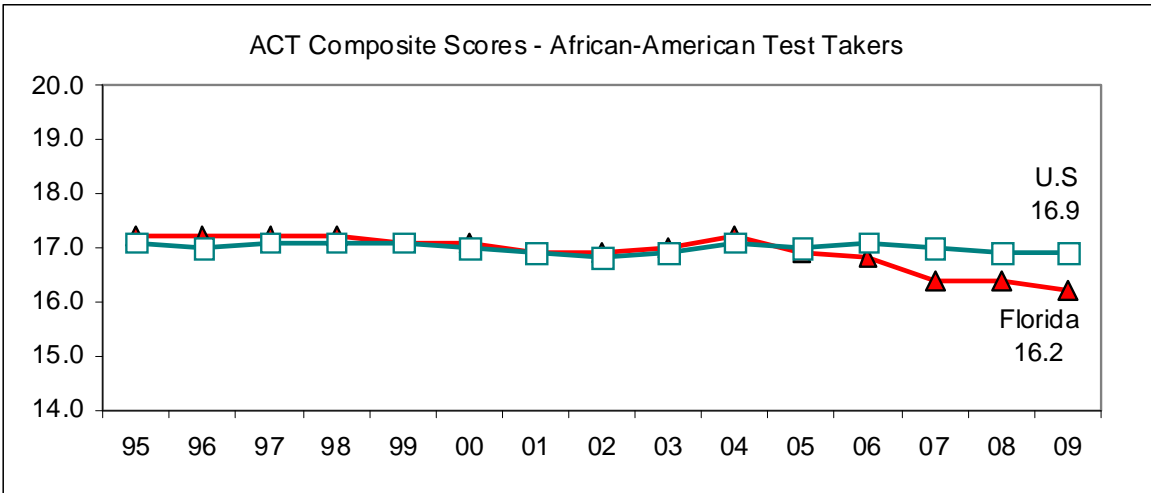
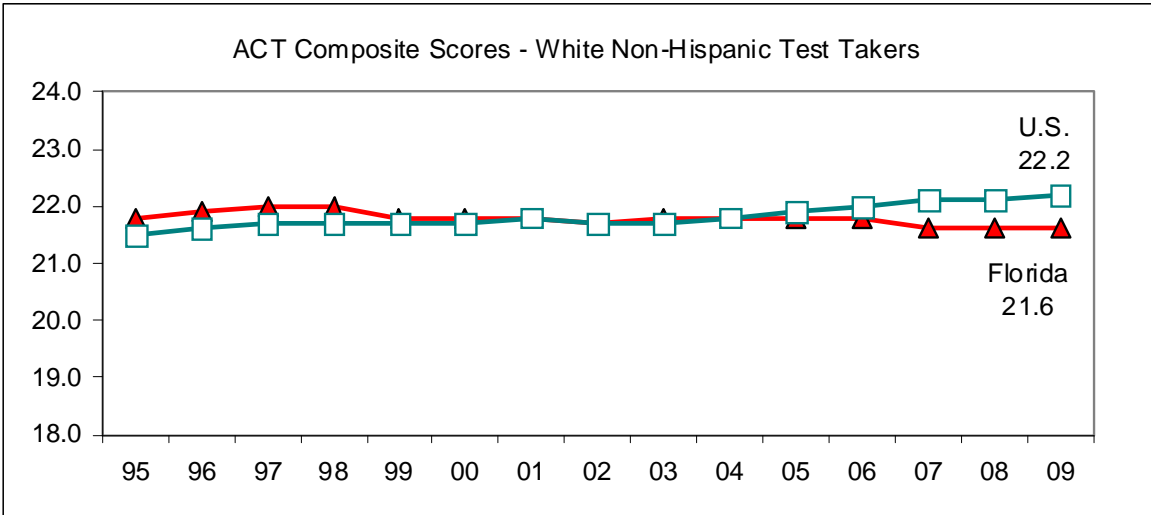
**Does not include test takers who did not report their race-ethnicity.

**ACT Composite Score by Academic Preparation
By Racial-Ethnic Groups - Florida - 2009***

Racial-Ethnic Groups	Number		Percentage		Composite	
	Core	Less than Core	Core	Less than Core	Core	Less than Core
White	33,683	11,207	75.0	25.0	22.5	19.1
African American	14,687	7,954	64.9	35.1	17.0	15.1
Hispanic	15,554	5,855	72.7	27.3	19.6	16.3
Asian	2,726	587	82.3	17.7	22.5	20.2

*Does not include test takers who did not report information on courses they had taken.





Florida
ACT Scores by Racial-Ethnic Groups
1987-2009

	1987	1992	1994	1996	1998	2000	2002	2004	2006	2007	2008	2009
WHITE												
# of Test Takers	17,902	19,605	19,327	19,971	24,412	27,909	28,240	29,829	30,719	34,557	41,431	45,839
Composite Score	21.8	21.6	21.8	21.9	21.7	21.8	21.7	21.8	21.8	21.6	21.6	21.6
Percentage	74.6	66.8	64.6	61.6	60.3	58.8	57.4	56.2	52.5	49.0	47.0	44.8
AFRICAN-AMERICAN												
# of Test Takers	3,062	4,518	4,754	5,379	7,219	8,664	9,357	10,289	12,509	16,197	20,215	24,268
Composite Score	16.9	17.2	17.1	17.1	17.2	17.1	16.9	17.2	16.8	16.4	16.4	16.2
Percentage	12.8	15.3	15.9	16.6	17.8	18.3	19.0	19.4	21.4	23.0	22.9	23.7
HISPANIC												
# of Test Takers	1,772	3,205	3,659	4,244	5,191	6,720	7,377	8,438	10,120	13,335	18,288	19,955
Composite Score	20.3	20.1	19.8	19.9	20.0	19.7	19.5	19.7	19.6	19.0	18.8	18.5
Percentage	7.4	10.9	12.2	13.1	12.8	14.2	15.0	15.9	17.3	18.9	20.8	19.5
ASIAN												
# of Test Takers	528	1,108	1,205	1,424	1,637	1,766	1,775	1,896	2,056	2,456	2,967	3,343
Composite Score	21.9	21.7	22.1	21.6	21.8	21.7	21.5	21.8	21.7	21.7	21.9	22.0
Percentage	2.2	3.8	4.0	4.4	4.0	3.7	3.6	3.6	3.5	3.5	3.4	3.3
OTHER*												
# of Test Takers	728	934	996	1,428	2,025	2,385	2,452	2,615	3,135	3,955	5,183	6,721
Composite Score	N/A	19.7	19.5	19.7	19.9	19.8	19.6	20.0	19.9	19.3	19.4	19.2
Percentage	3.0	3.2	3.3	4.4	5.0	5.0	5.0	4.9	5.4	5.6	5.9	6.6
TOTAL RESPONDED**												
# of Test Takers	23,992	29,370	29,941	32,446	40,484	47,444	49,201	53,067	58,539	70,500	88,084	102,409
Composite Score	21.0	20.7	20.8	20.7	20.6	20.5	20.5	20.4	20.4	20.2	19.7	19.5
Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO RESPONSE												
# of Test Takers	3,294	4,537	4,587	3,818	2,895	2,484	2,734	3,364	7,760	11,027	5,800	2,888
Composite Score	N/A	20.4	20.6	20.3	21.1	21.2	21.1	21.3	20.8	20.8	21.3	20.4
Percentage	12.4	13.6	13.3	11.8	6.7	5.0	5.3	6.0	11.7	13.5	6.2	2.7
TOTAL ***												
Composite Score	20.9	20.7	20.5	20.6	20.8	20.6	20.4	20.5	20.3	19.9	19.8	19.5

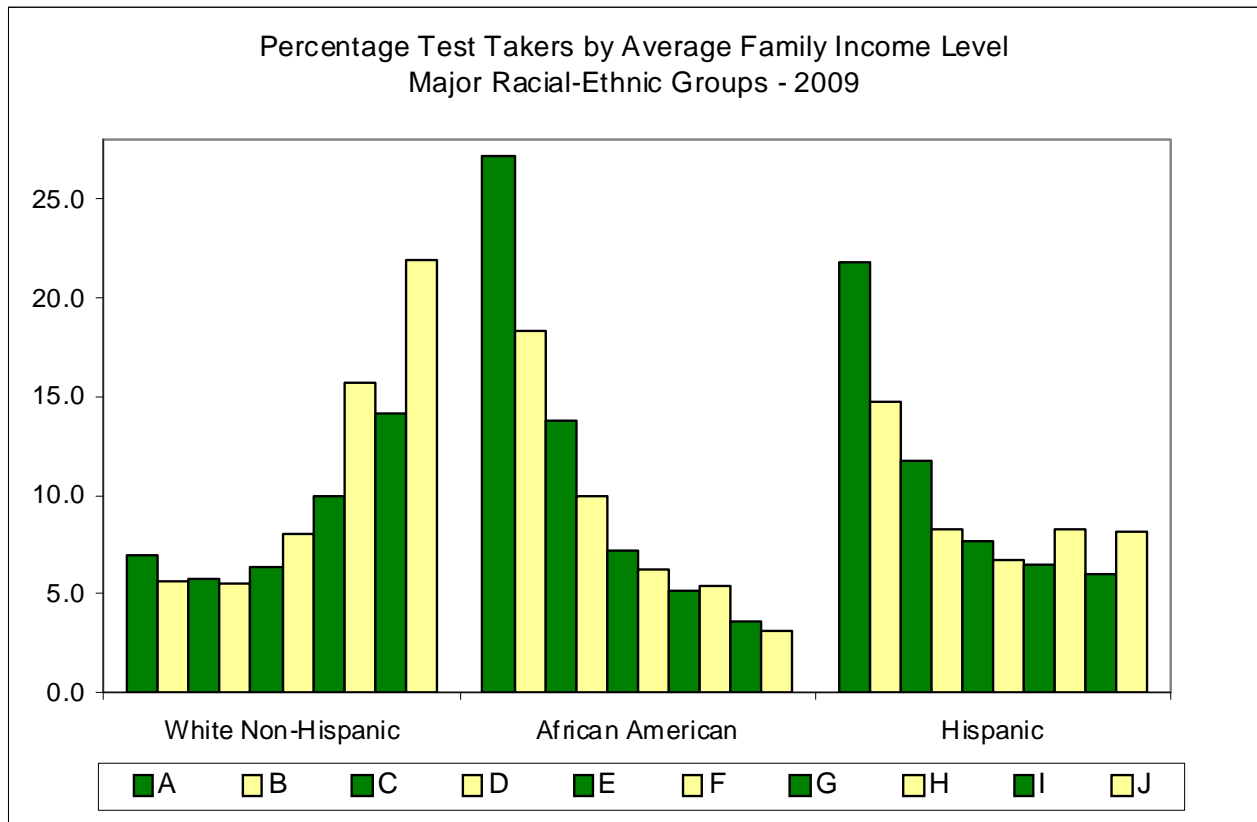
*Includes Native Americans, Multiracial, and Other Races.

**Total number of students who responded to the questionnaire item asking them to categorize themselves by race-ethnicity.

***Includes nonrespondents.

Florida ACT Test Takers by Average Family Income Level
Major Racial-Ethnic Groups - 2009

		Number			Percentage		
		African			African		
		White	American	Hispanic	White	American	Hispanic
A	Less than \$18,000	2,245	4,789	3,432	7.0	27.2	21.8
B	\$18,000-\$24,000	1,796	3,236	2,317	5.6	18.4	14.7
C	\$24,000-\$30,000	1,843	2,441	1,843	5.7	13.8	11.7
D	\$30,000-\$36,000	1,788	1,746	1,310	5.6	9.9	8.3
E	\$36,000-\$42,000	2,028	1,257	1,202	6.3	7.1	7.6
F	\$42,000-\$50,000	2,586	1,101	1,064	8.0	6.2	6.8
G	\$50,000-\$60,000	3,212	919	1,029	10.0	5.2	6.5
H	\$60,000-\$80,000	5,052	960	1,311	15.7	5.4	8.3
I	\$80,000-\$100,000	4,562	626	945	14.2	3.6	6.0
J	More than \$100,000	7,052	555	1,289	21.9	3.1	8.2
Total Responding		32,164	17,630	15,742	100.0	100.0	100.0

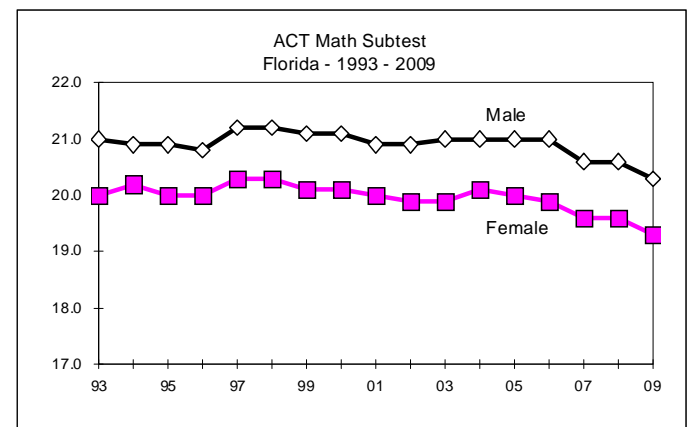
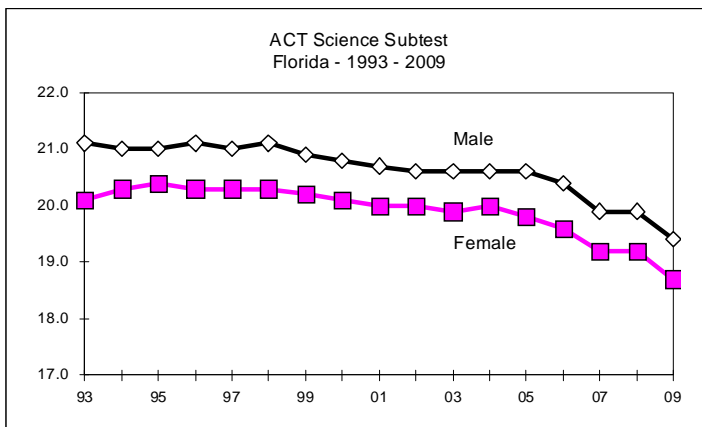
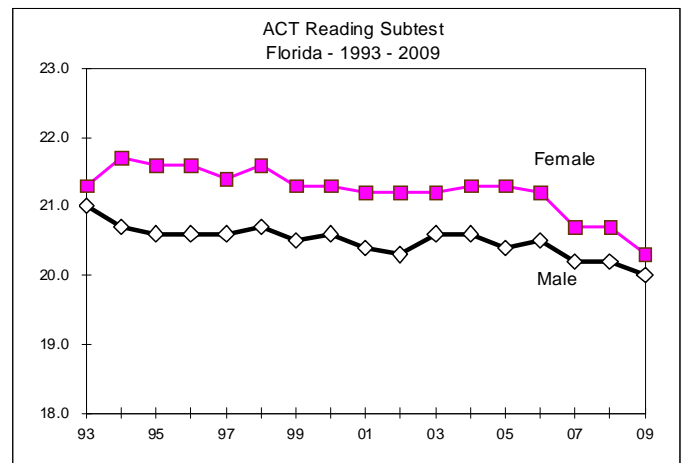
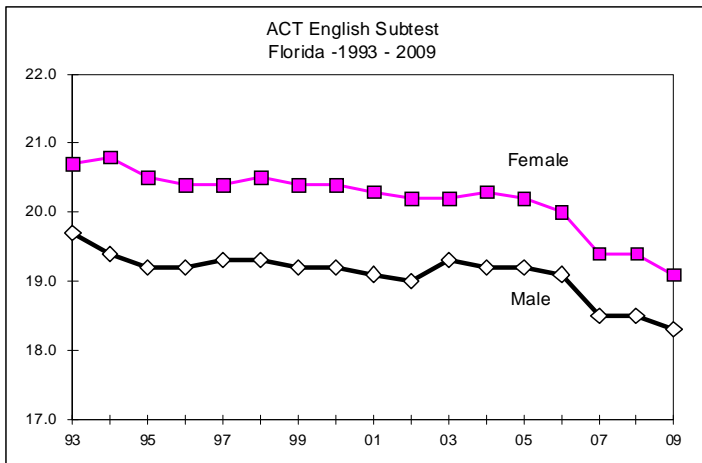
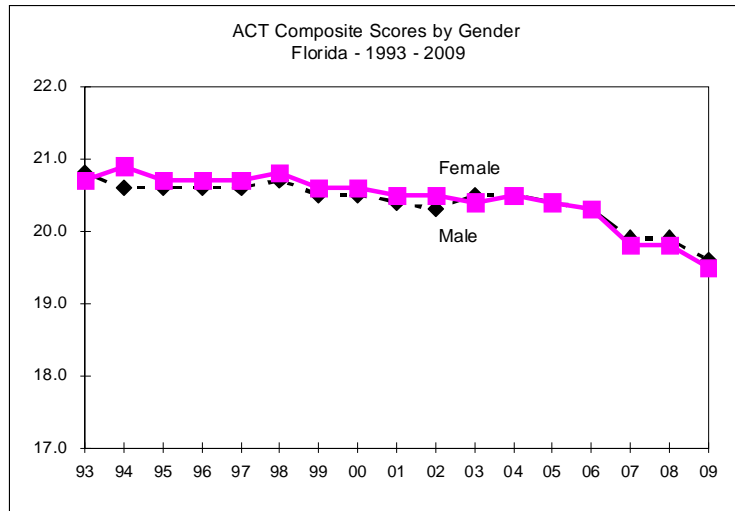


ACT Scores

by Gender

**Florida and U.S. ACT Composite Scores by Gender
1992 - 2009**

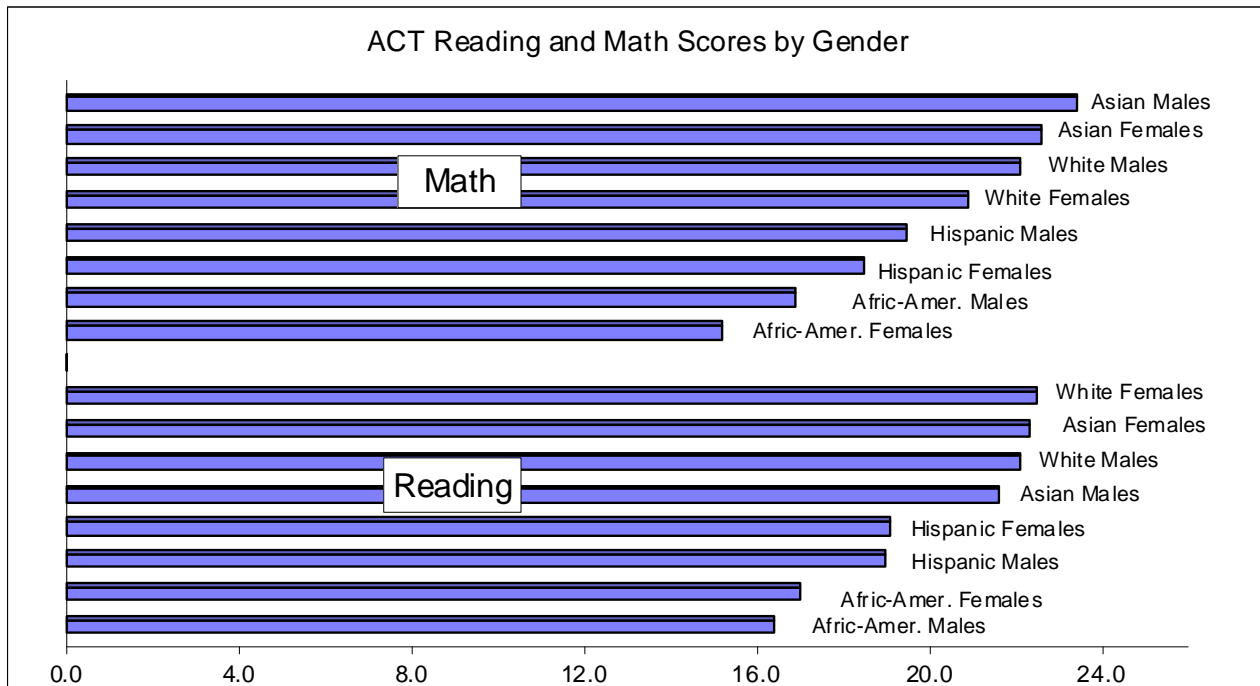
	1992	1994	1996	1998	2000	2002	2004	2006	2008	2009	Difference 2008-2009
FLORIDA											
Males											
English	19.6	19.4	19.2	19.3	19.2	19.0	19.2	19.1	18.5	18.3	-0.2
Math	20.9	20.9	20.8	21.2	21.1	20.9	21.0	21.0	20.5	20.3	-0.2
Reading	21.0	20.7	20.6	20.7	20.6	20.3	20.6	20.5	20.0	20.0	0.0
Sci Reasoning	21.0	21.0	21.1	21.1	20.8	20.6	20.6	20.4	19.6	19.4	-0.2
Composite	20.7	20.6	20.6	20.7	20.5	20.3	20.5	20.3	19.8	19.6	-0.2
N	14,302	14,536	15,332	17,799	19,556	20,190	21,836	24,944	37,924	44,488	6,564
%	43.0	42.1	42.3	41.0	39.4	39.3	39.1	40.2	41.3	42.3	1.1
Females											
English	20.8	20.8	20.4	20.5	20.4	20.2	20.3	20.0	19.3	19.1	-0.2
Math	20.0	20.2	20.0	20.3	20.1	19.9	20.1	19.9	19.6	19.3	-0.3
Reading	21.3	21.7	21.6	21.6	21.3	21.2	21.3	21.2	20.4	20.3	-0.1
Sci Reasoning	20.0	20.3	20.3	20.3	20.1	20.0	20.0	19.6	19.0	18.7	-0.3
Composite	20.6	20.9	20.7	20.8	20.6	20.5	20.5	20.3	19.7	19.5	-0.2
N	18,981	19,992	20,932	25,580	30,062	31,176	33,952	37,139	54,010	60,613	6,603
%	57.0	57.9	57.7	59.0	60.6	60.7	60.9	59.8	58.7	57.7	-1.1
U.S.											
Males											
English	19.8	19.8	19.8	19.9	20.0	19.7	19.9	20.1	20.1	20.2	0.1
Math	20.7	20.8	20.9	21.5	21.4	21.2	21.3	21.5	21.6	21.6	0.0
Reading	21.1	21.1	21.0	21.1	21.2	20.9	21.1	21.1	21.2	21.3	0.1
Sci Reasoning	21.4	21.6	21.9	21.8	21.6	21.3	21.3	21.4	21.3	21.4	0.1
Composite	20.9	20.9	21.0	21.2	21.2	20.9	21.0	21.2	21.2	21.3	0.1
N	374,389	396,953	407,587	430,724	455,817	485,797	508,835	517,452	625,887	668,165	42,278
%	45.0	44.5	44.1	43.3	43.0	43.8	43.8	43.9	45.0	45.3	0.3
Females											
English	20.6	20.7	20.7	20.8	20.9	20.6	20.8	21.0	21.0	20.9	-0.1
Math	19.5	19.6	19.7	20.2	20.2	20.1	20.2	20.3	20.4	20.4	0.0
Reading	21.1	21.4	21.6	21.6	21.5	21.3	21.5	21.6	21.5	21.4	-0.1
Sci Reasoning	20.1	20.4	20.5	20.6	20.6	20.4	20.5	20.5	20.4	20.4	0.0
Composite	20.5	20.7	20.8	20.9	20.9	20.7	20.9	21.0	21.0	20.9	-0.1
N	457,833	494,761	517,076	564,315	604,646	623,128	653,158	660,870	764,282	808,097	43,815
%	55.0	55.5	55.9	56.7	57.0	56.2	56.2	56.1	55.0	54.7	-0.2



Florida ACT Scores by Gender and Racial-Ethnic Groups

	Males			Females			%	Score Difference (Male - Female)				
	Number	Reading	Math	Comp.	Number	Reading		Math	Comp.	Female Reading	Math	Comp.
2006												
White	12,570	22.0	22.3	21.9	17,936	22.9	21.1	21.8	58.8	-0.9	1.2	0.1
African-Amer.	4,824	16.3	17.2	16.3	7,635	17.7	17.0	17.0	61.3	-1.4	0.2	-0.7
Hispanic	3,750	19.8	20.6	19.7	6,293	18.9	19.3	19.4	62.7	0.9	1.3	0.3
Asian	831	21.4	23.7	21.9	1,208	21.8	22.3	21.6	59.2	-0.4	1.4	0.3
Total*	24,944	20.5	21.0	20.3	37,139	21.2	19.9	20.3	59.8	-0.7	1.1	0.0
2007												
White	14,462	21.9	22.0	21.6	19,896	22.6	20.9	21.6	57.9	-0.7	1.1	0.0
African-Amer.	6,485	16.4	17.1	16.1	9,645	17.3	16.9	16.6	59.8	-0.9	0.2	-0.5
Hispanic	5,115	19.4	20.1	19.2	8,140	19.5	18.9	19.5	61.4	-0.1	1.2	-0.3
Asian	1,046	21.2	23.2	21.6	1,392	22.0	22.5	21.8	57.1	-0.8	0.7	-0.2
Total*	30,644	20.2	20.6	19.9	43,970	20.7	19.6	19.8	58.9	-0.5	1.0	0.1
2008												
White	17,447	22.1	22.1	21.6	23,868	22.5	21.0	21.5	57.8	-0.4	1.1	0.1
African-Amer.	8,195	16.2	17.0	16.1	11,977	17.1	16.8	16.6	59.4	-0.9	0.2	-0.5
Hispanic	7,147	19.1	19.7	18.9	11,099	19.3	18.8	18.7	60.8	-0.2	0.9	0.2
Asian	1,311	21.6	23.9	22.1	1,648	21.8	22.6	21.8	55.7	-0.2	1.3	0.3
Total*	37,924	20.0	20.5	19.8	54,010	20.4	19.6	19.7	58.7	-0.4	0.9	0.1
2009												
White	19,734	22.1	22.1	21.7	26,086	22.5	20.9	21.5	56.9	-0.4	1.2	0.1
African-Amer.	10,138	16.4	16.9	16.0	14,119	17.0	15.2	16.4	58.2	-0.6	1.8	-0.3
Hispanic	9,081	19.0	19.5	18.6	13,147	19.1	18.5	18.4	59.1	-0.1	1.0	0.2
Asian	1,526	21.6	23.4	21.9	1,815	22.3	22.6	22.1	54.3	-0.7	0.8	-0.2
Total*	44,488	20.0	20.3	19.6	60,613	20.3	19.3	19.5	57.7	-0.3	0.9	0.1

*Total includes other racial/ethnic groups and students who did not declare a race. Does not include those who did not indicate gender



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