

ACT Trends
Florida and the Nation

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Florida Department of Education

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Summary - ACT Trends Florida and the Nation 2003

Overall Trends in Scores and Number of Test Takers

- Florida's 2003 ACT composite score is 20.5, up from 20.4 in 2002. The composite score for the U.S. is 20.8, the same as in 2002.
- Nearly 56,000 of Florida's 136,225 public and nonpublic high school graduates took the ACT, representing 41% of the total number of graduates. This is the largest number ever of Florida students who have taken the ACT. Nationwide, ACT-tested seniors represent 40% of the total number of graduates.

Profile of the 2003 Test Takers, Compared to the U.S.

- The profile of Florida test takers continues to look less and less like the profile of test takers nationwide. Minority students now comprise 43% of Florida's test takers, a nearly 18-point increase since 1986. Nationwide, minority students represent 27% of the test takers. (Pages 2 and 14)
- In particular, Florida has significantly larger percentages of African-American and Hispanic students taking the exam than in the U.S. In 2003 African Americans represented 19% of the Florida test takers, compared to 12% for the nation. Hispanics made up 15% of the Florida test takers, compared to 7% for the nation. (Page 14)

Trends by ACT Subtest

- The ACT tests performance in four areas: English, math, reading, and science reasoning. Florida's reading score increased from 20.8 to 21.0, while scores on all other areas were the same as those in 2002. Scores for the U.S. increased slightly in English and reading, and remained the same in math and science reasoning. (Page 4)
- Test subscores pinpoint areas in which Florida performs above or below the national average. In math, Florida's score matches the U.S. score in elementary and intermediate algebra, but Florida students do less well in the section covering plane geometry and trigonometry. In English Florida test takers lag behind the nation in both usage/mechanics and what the ACT terms as *rhetorical skills*. (Page 5)
- The results on the ACT underscore the importance of taking rigorous coursework. Students who have had calculus average 24.3 on the mathematics section, compared to 20.1 for those whose most advanced course is trigonometry, and 17.4 for those who have not gone beyond geometry and algebra 2. (Page 7)
- Students who have skipped past general science to take biology, chemistry, and physics average 22.5 on the ACT science reasoning section. Students who have had three years or more of science, but not physics average 19.4, while for those who have had fewer than three years of natural science average 18.6. (Page 8)

Uses of the ACT in Florida. ACT is a college entrance examination taken voluntarily by the students at times and test sites set by the testing company. Examples of ways in which ACT scores (or, alternatively, equivalent 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.

Relationship between Scores and Family Income (Pages 10-11)

- Results on the ACT demonstrate the significant relationship frequently found between achievement scores and family income: the higher the income, the higher the score is likely to be. (Page 10)
- Taking into account family income, Florida test takers score about the same as do test takers nationwide.
- Information on the family income of ACT test takers illustrates the changing profile between Florida test takers and test takers nationwide. From 1988 through 1992, the average family income of Florida test takers was higher than that of test takers in the U.S. Since 1993 the reverse has been true, with the gap widening in favor of the U.S. (Page 11)

ACT Trends by Racial-Ethnic Groups (Pages 14-18)

- Even though Florida's ACT composite score is slightly lower than the score for the U.S., all three main racial-ethnic groups in Florida--white nonhispanics, African Americans, and Hispanics--have higher composite scores than do the same groups nationwide. The difference between the profile for the U.S. and Florida explains why the overall score for the U.S. score is higher than it is for Florida. (Pages 14-15)
- Florida's 2003 composite score represents an across-the-board increase, in that it is reflected by score increases by all Florida racial-ethnic groups. (Page 17)

- Over the last fifteen years the composite scores for white nonhispanics in Florida have remained relatively stable, averaging between 21.6 and 22.0. Currently the score for whites is 21.8, the highest since 1997. (Pages 16-17)
- Scores for African Americans in Florida increased from 16.5 in 1986 to 17.3 in 1993, with most of this increase occurring during the 1986-to-1990 period. During the last ten years the number of African Americans taking the ACT has more than doubled. Typically, as larger percentages of students take an exam, the average score goes down. However, despite the increase in the number of test takers, the mean score of African-American test takers has remained relatively stable.
- In 2003 the score for Hispanic students in Florida was 19.6. During the last ten years, scores for Florida Hispanics have ranged from 19.5 to 20.1, despite the ever-increasing number of test takers.
- The 2003 score for Asians was 21.7. Past scores have ranged from 21.5 to 22.4, typically about the same or slightly higher than those of whites.
- Average family incomes are significantly different for the three racial-ethnic groups. (Page 18) The families of African-American and Hispanic test takers are much more likely to have an average income of less than \$30,000, while the families of white test takers are more likely to have an income of \$50,000 or more.

ACT Trends by Gender (Pages 20-23)

- Females comprise 61% of the Florida test takers, compared to 56% for the nation. Among Florida test takers, the gap in favor of females has widened over the last ten years.
- Overall, Florida male test takers outscored females for the first time in ten years. By contrast, among test takers from the nation as a whole, males have consistently outscored females.
- Florida females score higher than males on the English and reading sections and lower than males on the math and science reasoning sections.
- Scores for Florida females were the same in 2003 as the prior years in all areas except science reasoning, which decreased slightly. By contrast, the scores for Florida males increased in all areas except science reasoning, with the largest increases in English and reading.
- There is little difference in the courses taken by male and female test takers. Most seniors from both groups have taken four or more years of English. Slightly higher proportions of males (5.2%) take calculus than do females (4.2%). However, the opposite is true for math courses at the trigonometry level and higher (21.6% of females, compared to 21.2% of males). Higher proportions of males have taken physics (46% of the males, compared to 39% of the females).
- Despite these similarities in course taking, female 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.

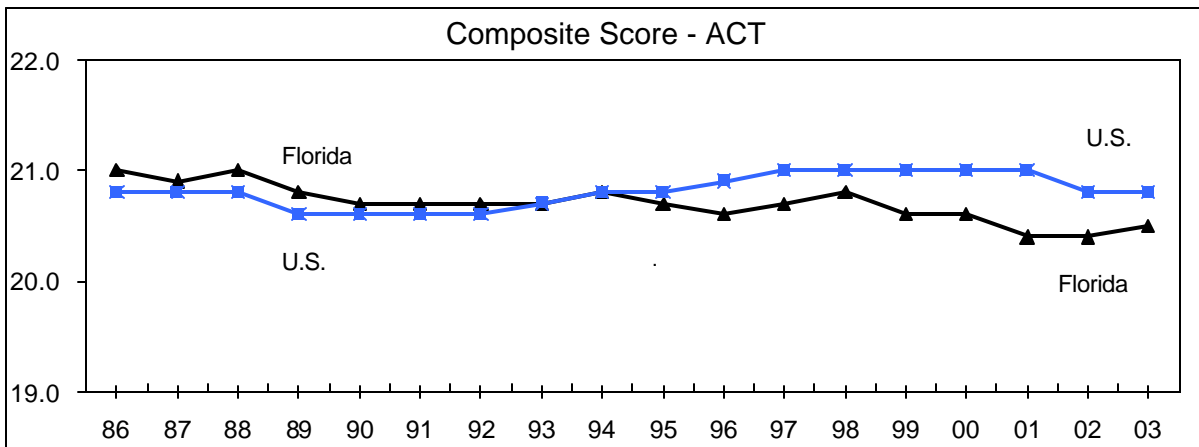
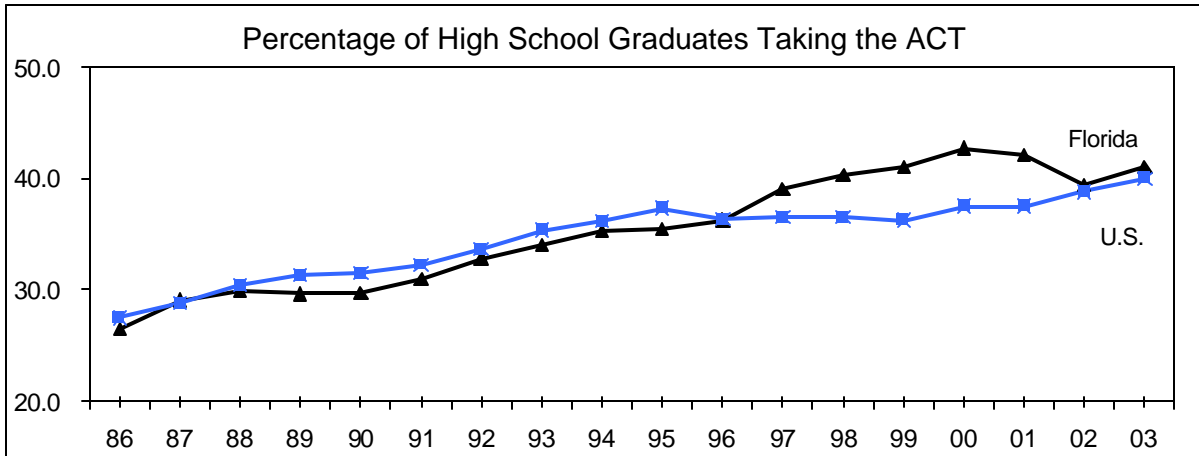
- Relationships between scores for males and females vary for different racial-ethnic groups. (Page 22) Overall, white males and true females have the same composite score. Hispanic and Asian males outscore females, while the opposite is for African Americans, where females outscore males. In 2003, males outscored females in math in all racial ethnic groups except African Americans, where males and females had the same score. The largest gender gap was in English, where African-American females outscored males by 1.8 points.
- The largest increases in 2003 were made by Hispanic males, with gains of 0.4 or more in both English and reading. Males in all groups made increases in reading, with the largest increases among Hispanic and African-American males.
- A reflection of the larger number of females than males who take the ACT can be seen in average family incomes, which are higher for male test takers than for female test takers. (Page 23) The families of female test takers are more likely to have incomes of less than \$30,000, while the families of males are more likely to have an income of \$50,000 or more.

ACT - Florida

ACT - United States

Grad. Year	ACT - Florida				ACT - United States			
	Number Test Takers	Number Florida High Sch. Graduates*	Test Takers as a % of Grads	Composite Score	Number Test Takers	Number U.S. High Sch. Graduates*	Test Takers as a % of Grads	Composite Score
1986	23,980	90,550	26.5	21.0	729,606	2,650,442	27.5	20.8
1988	29,610	99,125	29.9	21.0	842,322	2,768,189	30.4	20.8
1990	29,328	98,525	29.8	20.7	817,096	2,594,438	31.5	20.6
1992	33,283	101,350	32.8	20.7	832,217	2,474,639	33.6	20.6
1994	34,528	97,950	35.3	20.8	891,714	2,465,509	36.2	20.8
1996	36,264	100,000	36.3	20.6	924,663	2,542,547	36.4	20.9
1997	40,496	103,700	39.1	20.7	959,301	2,625,533	36.5	21.0
1998	43,379	107,700	40.3	20.8	995,039	2,725,024	36.5	21.0
1999	46,072	112,200	41.1	20.6	1,019,053	2,811,442	36.2	21.0
2000	49,928	116,950	42.7	20.6	1,065,138	2,840,170	37.5	21.0
2001	51,118	121,400	42.1	20.4	1,069,772	2,852,533	37.5	21.0
2002	51,935	131,600	39.5	20.4	1,116,082	2,876,452	38.8	20.8
2003	55,784	136,225	40.9	20.5	1,175,059	2,938,453	40.0	20.8

*Public high school graduates plus estimated number of nonpublic high school graduates



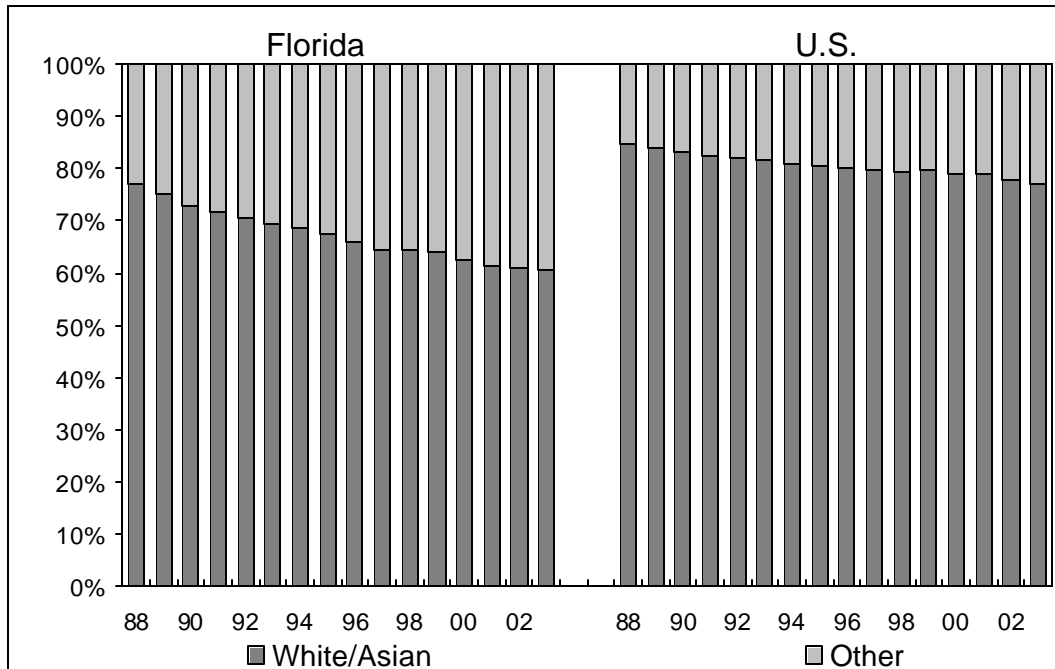
Profile of ACT Test Takers
Florida and the Nation

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

	Florida							U.S.						
	1988	1991	1994	1997	2000	2002	2003	1988	1991	1994	1997	2000	2002	2003
White	74.4	67.8	64.6	60.1	59.0	57.4	57.3	82.8	79.7	77.8	76.5	75.6	74.2	73.3
Asian	2.5	3.7	4.0	4.3	3.7	3.6	3.4	2.0	2.8	3.3	3.3	3.5	3.5	3.6
Total	76.9	71.5	68.6	64.4	62.7	61.0	60.7	84.8	82.5	81.1	79.8	79.1	77.7	76.9

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

	Florida							U.S.						
	1988	1991	1994	1997	2000	2002	2003	1988	1991	1994	1997	2000	2002	2003
Afri. Amer.	12.3	15.3	15.9	17.6	18.2	19.0	19.0	8.9	9.9	10.2	10.4	11.0	11.6	11.8
Hispanic	7.5	10.2	12.2	13.1	14.1	15.0	15.3	3.6	4.7	5.5	5.6	5.8	6.4	6.9
Other	3.3	3.0	3.3	4.9	5.0	5.0	5.0	2.7	2.9	3.2	4.2	4.1	4.3	4.4
Total	23.1	28.5	31.4	35.6	37.3	39.0	39.3	15.2	17.5	18.9	20.2	20.9	22.3	23.1
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

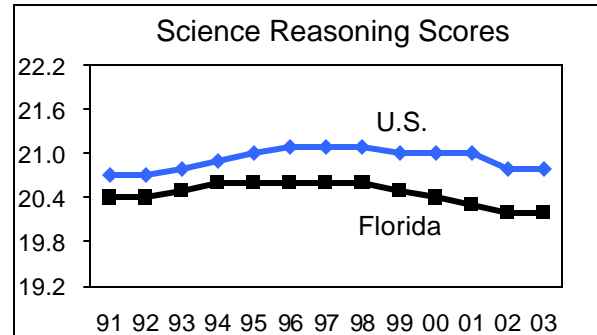
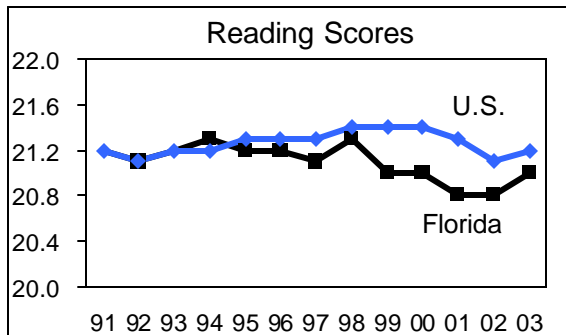
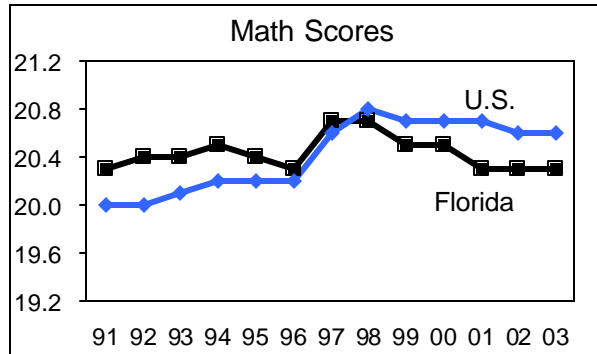
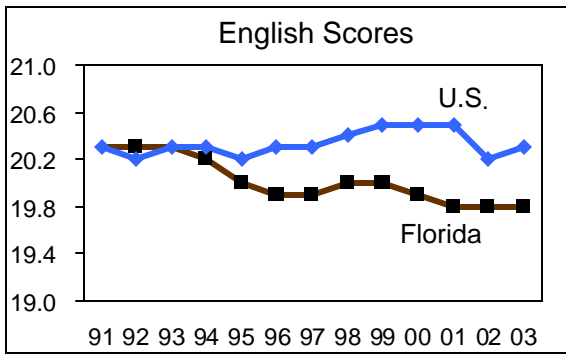


**ACT Scores
by Subtests**

ACT Scores by Subject
Florida and the U.S.

Florida	1991	1993	1995	1997	1999	2000	2001	2002	2003
English	20.3	20.3	20.0	19.9	20.0	19.9	19.8	19.8	19.8
Math	20.3	20.4	20.4	20.7	20.5	20.5	20.3	20.3	20.3
Reading	21.2	21.2	21.2	21.1	21.0	21.0	20.8	20.8	21.0
Sci Reasoning	20.4	20.5	20.6	20.6	20.5	20.4	20.3	20.2	20.2
Composite	20.7	20.7	20.7	20.7	20.6	20.6	20.4	20.4	20.5

U.S.	1991	1993	1995	1997	1999	2000	2001	2002	2003
English	20.3	20.3	20.2	20.3	20.5	20.5	20.5	20.2	20.3
Math	20.0	20.1	20.2	20.6	20.7	20.7	20.7	20.6	20.6
Reading	21.2	21.2	21.3	21.3	21.4	21.4	21.3	21.1	21.2
Sci Reasoning	20.7	20.8	21.0	21.1	21.0	21.0	21.0	20.8	20.8
Composite	20.6	20.7	20.8	21.0	21.0	21.0	21.0	20.8	20.8



ACT Subscores - Florida and the U.S.

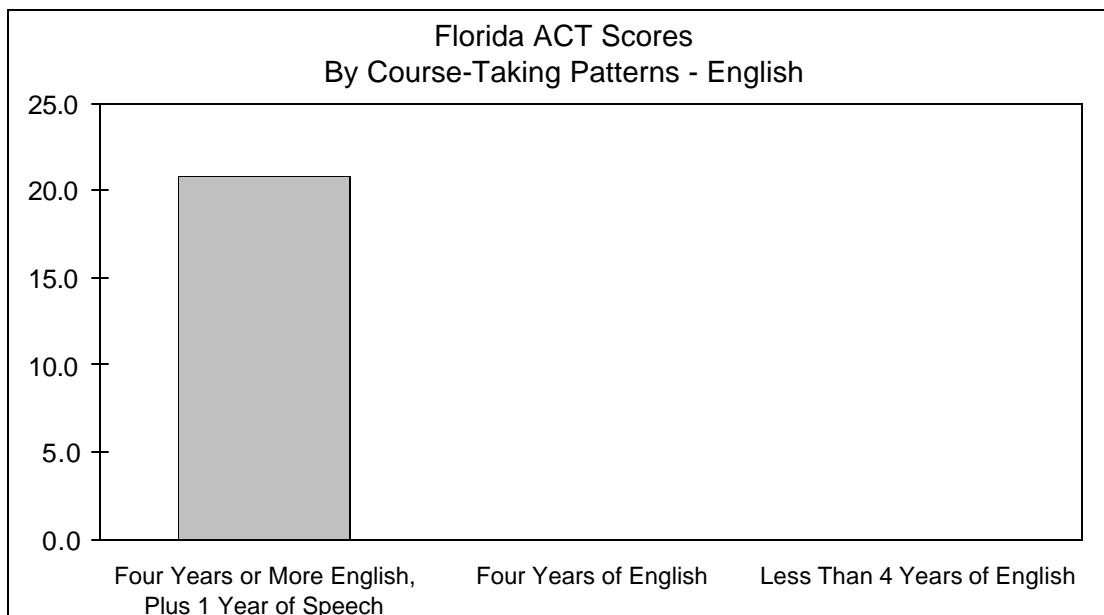
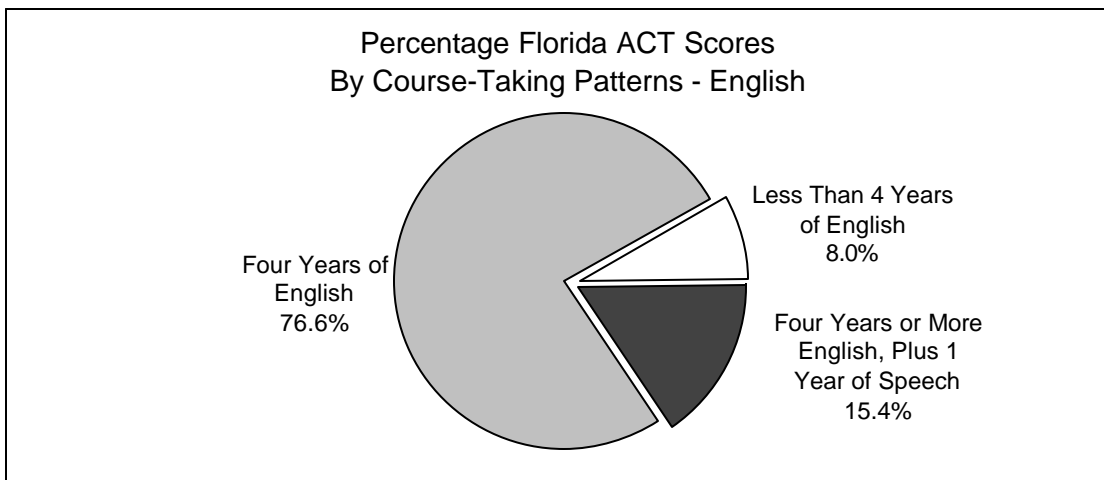
FLORIDA								
	1991	1993	1995	1997	1999	2001	2002	2003
English								
Usage/Mech.	10.3	10.2	10.0	9.9	10.0	9.8	9.8	9.9
Rhet. Skills	10.3	10.4	10.2	10.2	10.3	10.2	10.2	10.2
Mathematics								
Pre/Elem. Alg.	10.6	10.7	10.6	10.9	10.9	10.8	10.7	10.7
Algebra/Crd-Geom.	10.1	10.2	10.2	10.2	10.1	10.0	10.0	10.0
Plane Geom./Trig.	10.2	10.3	10.3	10.5	10.3	10.3	10.2	10.2
Reading								
Social Studies/Sci.	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5
Arts/Lit.	11.3	11.3	11.1	11.1	10.9	10.7	10.7	10.9
U.S.								
	1991	1993	1995	1997	1999	2001	2002	2003
English								
Usage/Mech.	10.3	10.2	10.1	10.1	10.2	10.2	10.0	10.1
Rhet. Skills	10.3	10.4	10.4	10.5	10.6	10.6	10.4	10.5
Mathematics								
Pre/Elem. Alg.	10.2	10.4	10.4	10.7	10.9	10.9	10.8	10.7
Algebra/Crd-Geom.	10.0	10.1	10.0	10.1	10.1	10.2	10.1	10.2
Plane Geom./Trig.	10.1	10.2	10.3	10.6	10.6	10.5	10.5	10.4
Reading								
Social Studies/Sci.	10.4	10.5	10.5	10.6	10.7	10.8	10.7	10.8
Arts/Lit.	11.2	11.2	11.1	11.1	11.0	11.0	10.8	10.8
DIFFERENCE								
	1991	1993	1995	1997	1999	2001	2002	2003
English								
Usage/Mech.	0.0	0.0	-0.1	-0.2	-0.2	-0.4	-0.2	-0.2
Rhet. Skills	0.0	0.0	-0.2	-0.3	-0.3	-0.4	-0.2	-0.3
Mathematics								
Pre/Elem. Alg.	0.4	0.3	0.2	0.2	0.0	-0.1	-0.1	0.0
Algebra/Crd-Geom.	0.1	0.1	0.2	0.1	0.0	-0.2	-0.1	-0.2
Plane Geom./Trig.	0.1	0.1	0.0	-0.1	-0.3	-0.2	-0.3	-0.2
Reading								
Social Studies/Sci.	0.0	-0.1	-0.1	-0.2	-0.3	-0.3	-0.2	-0.3
Arts/Lit.	0.1	0.1	0.0	0.0	-0.1	-0.3	-0.1	0.1

Note: Negative numbers above mean that Florida lags the U.S.

Florida Students 2003
 ACT Scores by Course-Taking Patterns*
 English

	# Students	%age	ACT English
Four Years or More English, Plus 1 Year of Speech	7,597	15.4	20.8
Four Years of English	37,728	76.6	19.8
Less Than 4 Years of English	3,921	8.0	19.2
Total Responding	49,246	100.0	

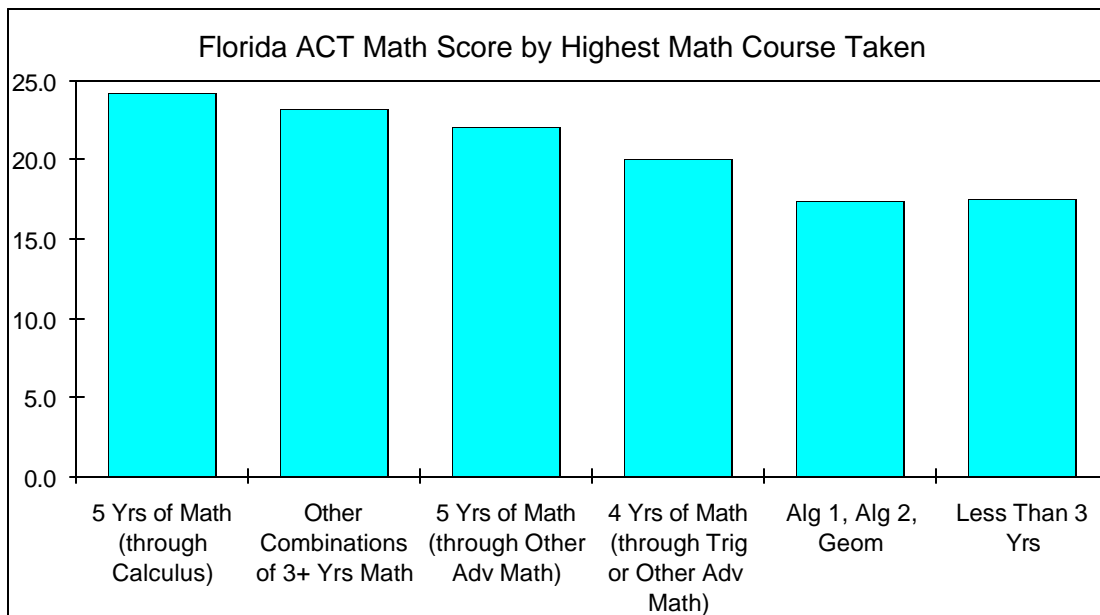
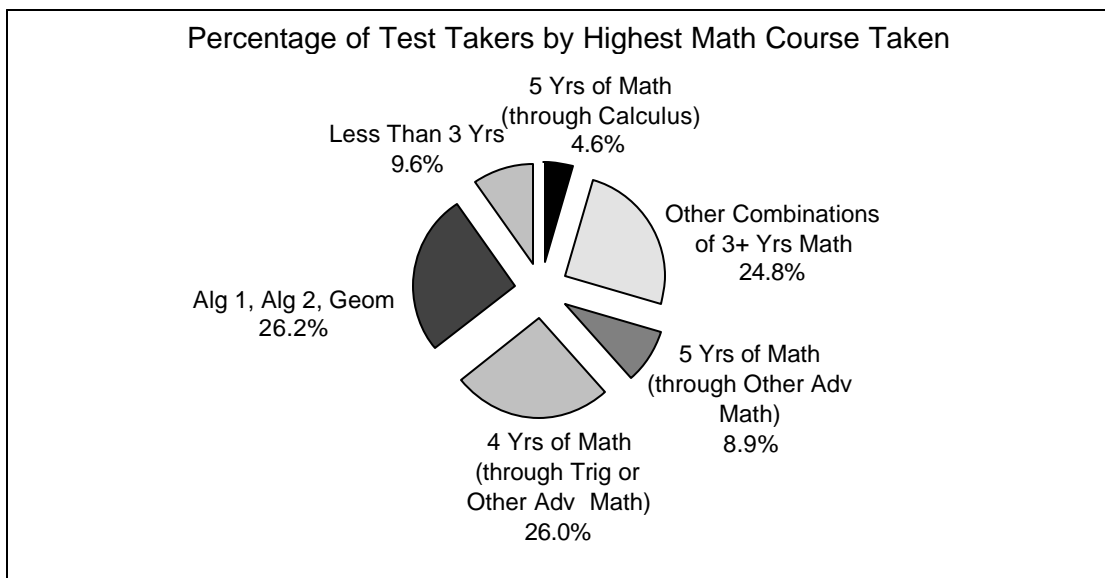
*Based on students who responded to questions on courses.



Florida Students - 2003
ACT Math Scores by Highest Math Course Taken

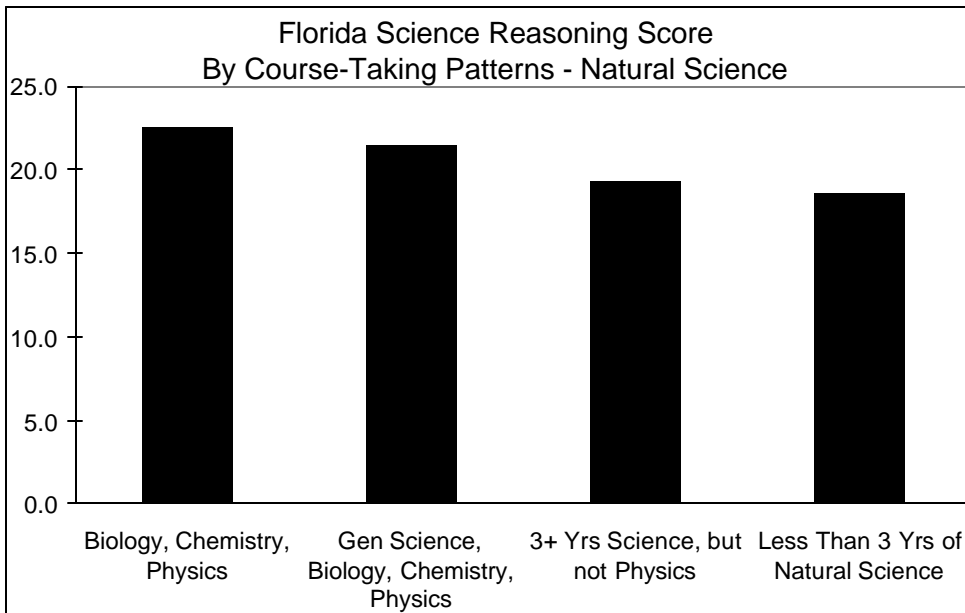
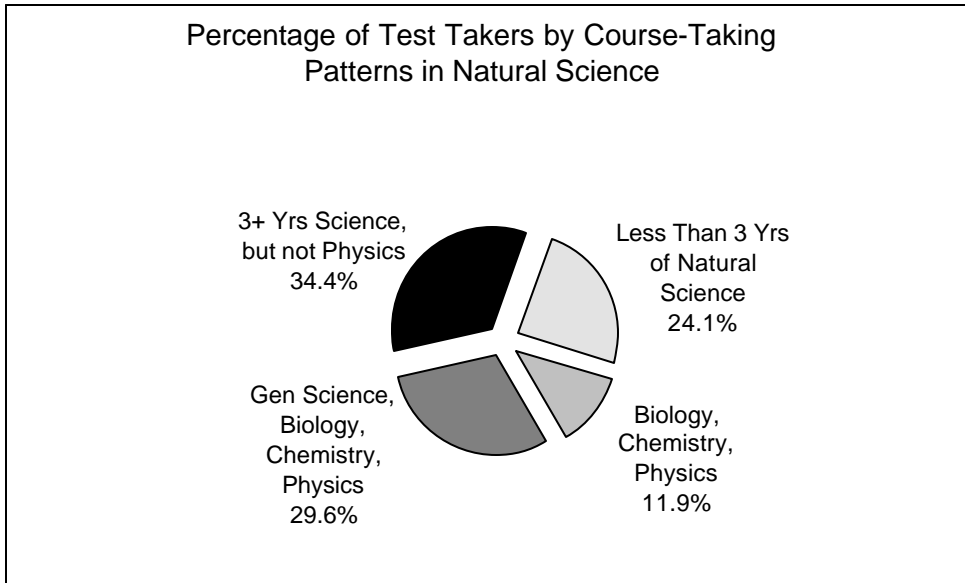
	# Students	%age	ACT Math
Five Years of Math (through Calculus)	2,241	4.6	24.3
Other Combinations of 3 or More Years Math*	12,131	24.8	23.2
Five Years of Math (through Other Adv Math)	4,370	8.9	22.1
Four Years of Math (through Trig or Other Adv Math)	12,714	26.0	20.1
Alg 1, Alg 2, Geometry	12,815	26.2	17.4
Less Than 3 Year of Math	4,695	9.6	17.6
Total Responding	48,966	100.0	

*Given the high math mean, it is likely that many of these students were those who had had Algebra 1 and perhaps also Geometry or Algebra 2 in middle school before they entered high school.

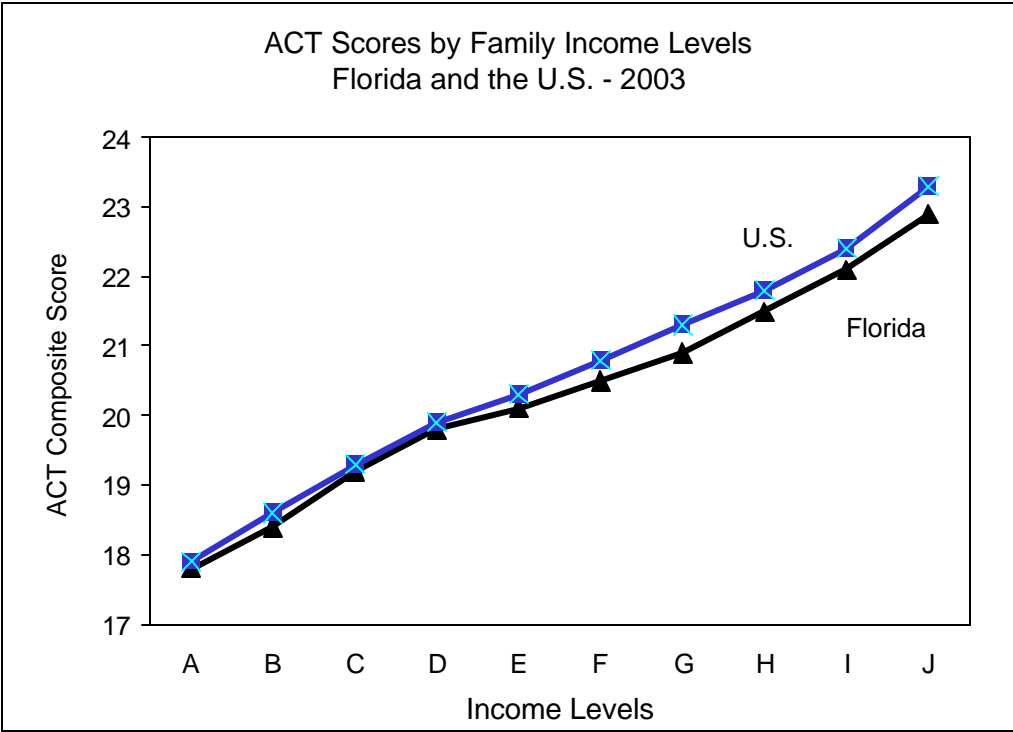


Florida Students - 2003
 ACT Scores by Course-Taking Patterns
 Natural Science

	# Students	%age	ACT Sci. Reas.
Biology, Chemistry, Physics	5,760	11.9	22.5
Gen Science, Biology, Chemistry, Physics	14,355	29.6	21.5
Three Years or More of Science, but not Physics	16,700	34.4	19.4
Less Than 3 Years of Natural Science	11,708	24.1	18.6
Total Responding	48,523	100.0	

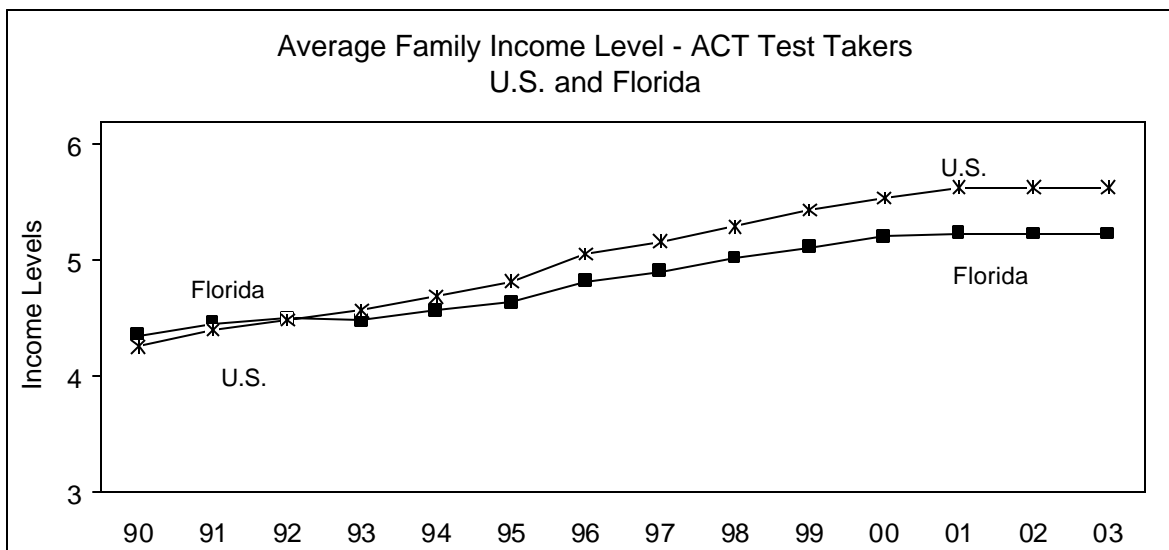


**ACT Scores
by Family Income**



**ACT Composite Scores by Income Levels
Florida and the U.S. - 2003**

		Florida	U.S.
A	Less than \$18,000	17.8	17.9
B	\$18,000 to 23,999	18.4	18.6
C	\$24,000 to \$29,999	19.2	19.3
D	\$30,000 to \$35,999	19.8	19.9
E	\$36,000 to \$41,999	20.1	20.3
F	\$42,000 to \$49,999	20.5	20.8
G	\$50,000 to \$59,999	20.9	21.3
H	\$60,000 to \$79,999	21.5	21.8
I	\$80,000 to \$99,999	22.1	22.4
J	More than \$100,000	22.9	23.3



Percentage of Test Takers by Average Family Income - Florida

	1990	1992	1994	1996		1999	2000	2001	2002	2003
Less than \$18,000	19.0	18.7	19.2	15.2	Less than \$18,000	12.3	11.7	11.7	11.9	12.3
\$18,000 to \$23,999	11.2	10.6	9.8	10.8	\$18,000 to \$23,999	10.1	9.7	9.7	9.7	10.3
\$24,000 to \$29,999	11.4	10.5	10.2	10.0	\$24,000 to \$29,999	9.8	9.3	9.3	9.5	9.0
\$30,000 to \$35,999	12.7	12.0	11.6	10.1	\$30,000 to \$35,999	8.8	8.5	8.5	8.2	8.0
\$36,000 to \$41,999	9.5	9.0	8.6	9.0	\$36,000 to \$41,999	9.0	9.2	9.2	8.7	8.2
\$42,000 to \$49,999	9.2	9.3	8.9	9.8	\$42,000 to \$49,999	10.3	10.2	10.2	9.6	9.3
\$50,000 to \$59,999	9.0	9.2	9.0	9.8	\$50,000 to \$59,999	10.7	10.7	10.7	10.3	10.1
\$60,000 and over	18.0	20.7	22.7	25.3	\$60,000 to \$79,999	12.6	12.7	13.6	13.4	13.2
	100.0	100.0	100.0	100.0	\$80,000 to \$99,999	7.2	8.0	8.1	8.4	8.8
					\$100,000 and over	9.4	10.1	10.1	10.3	10.8
						100.0	100.0	100.0	100.0	100.0
Average Income Level	4.36	4.50	4.57	4.82		5.12	5.21	5.24	5.23	5.22

(Level 4=\$30,000-\$35,999; Level 5=\$36,000-\$41,999. Calculated with the last level=\$60,000 and over)

Percentage of Test Takers by Average Family Income Level - Nation

	1990	1992	1994	1996		1999	2000	2001	2002	2003
Less than \$18,000	19.7	18.5	17.4	12.9	Less than \$18,000	10.1	9.5	9.5	9.3	9.6
\$18,000 to \$23,999	10.8	9.8	8.9	9.1	\$18,000 to \$23,999	8.3	7.9	7.9	7.7	7.8
\$24,000 to \$29,999	11.6	10.5	9.7	9.3	\$24,000 to \$29,999	8.1	7.8	7.8	7.6	7.5
\$30,000 to \$35,999	13.2	12.6	11.9	10.0	\$30,000 to \$35,999	8.2	7.9	7.9	7.7	7.4
\$36,000 to \$41,999	10.3	10.0	9.6	9.8	\$36,000 to \$41,999	9.2	8.9	8.9	8.5	8.2
\$42,000 to \$49,999	10.1	10.1	10.1	11.1	\$42,000 to \$49,999	11.2	10.8	10.8	10.0	9.7
\$50,000 to \$59,999	9.0	9.8	10.3	11.5	\$50,000 to \$59,999	12.3	12.2	12.2	11.5	11.2
\$60,000 and over	15.3	18.7	22.1	26.3	\$60,000 to \$80,000	14.9	15.4	15.8	15.6	15.5
	100.0	100.0	100.0	100.0	\$80,000 to \$100,000	8.3	9.1	9.7	10.1	10.5
					\$100,000 and over	9.3	10.4	11.5	12.0	12.5
						100.0	100.0	100.0	100.0	100.0
Average Income Level	4.26	4.49	4.69	5.06		5.44	5.55	5.63	5.63	5.63

(Level 4=\$30,000-\$35,999; Level 5=\$36,000-\$41,999. Calculated with the last level=\$60,000 and over)

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ACT Scores
by Racial Ethnic Groups

2003 ACT Composite Scores by Racial-Ethnic Groups
Florida and the Nation

Racial-Ethnic Groups	Florida		U.S.		Difference*	
	%	Score	%	Score	%	Score
White	57.3	21.8	73.3	21.7	-16.0	0.1
African American	19.0	17.0	11.8	16.9	7.2	0.1
Hispanic	15.3	19.6	6.9	18.5	8.4	1.1
Asian	3.4	21.7	3.6	21.8	-0.1	-0.1
Native American	0.4	20.2	1.1	18.7	-0.7	1.5
Other	2.5	19.0	1.6	19.3	0.9	-0.3
Multiracial	2.1	20.4	1.7	20.9	0.4	-0.5
Total Responded**	100.0	20.5	100.0	20.8	0.0	-0.3
Nonrespondents	5.3	21.2	6.6	20.8	-1.3	0.4
Total		20.5		20.8		0.3

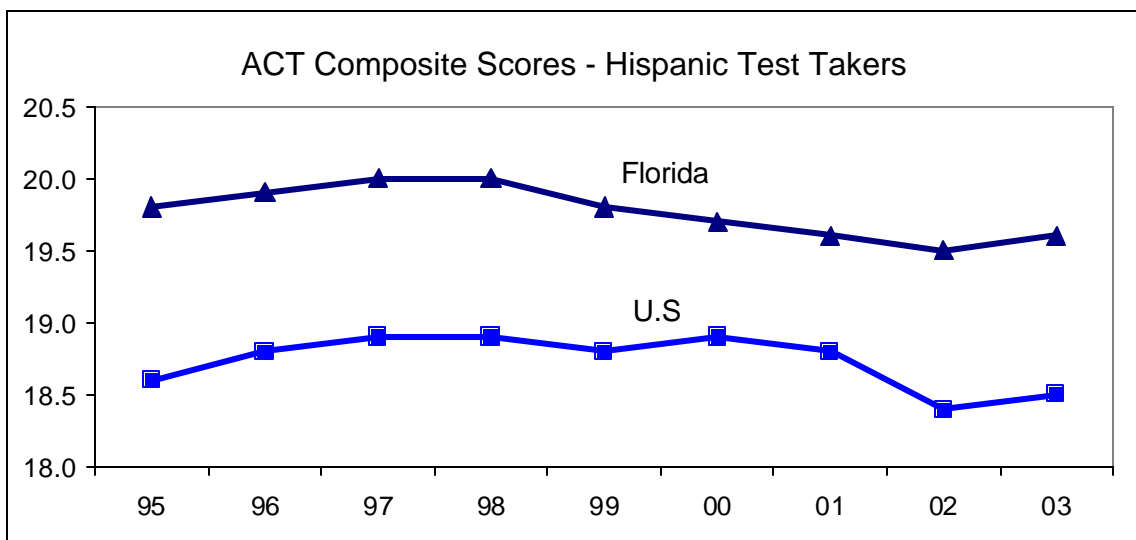
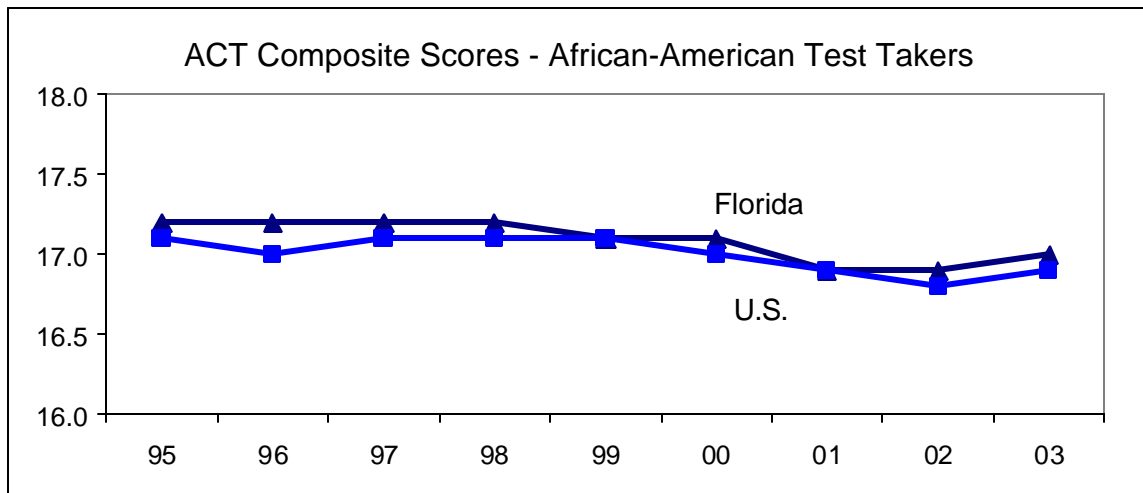
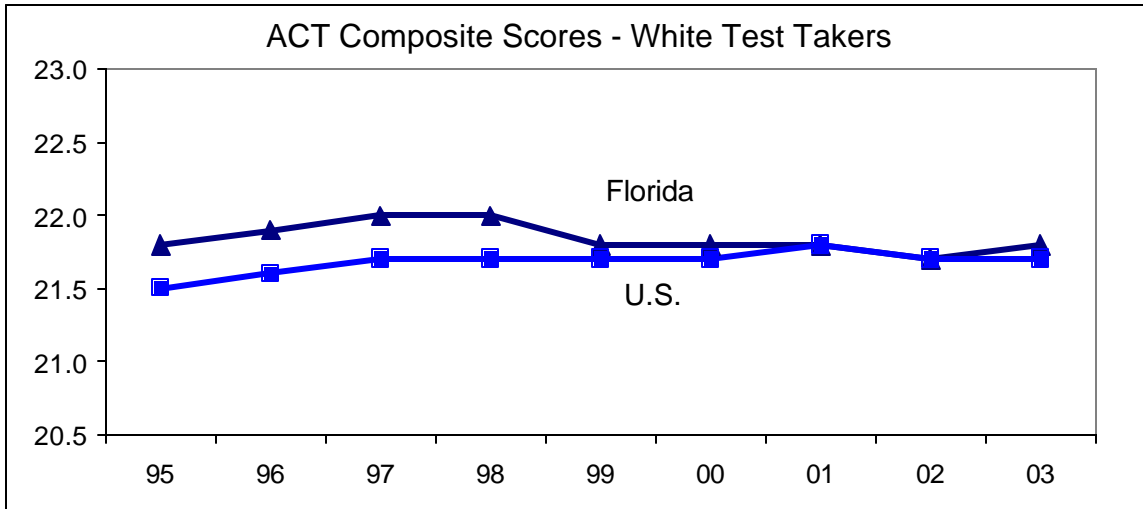
*Positive values: Florida is higher than the U.S.

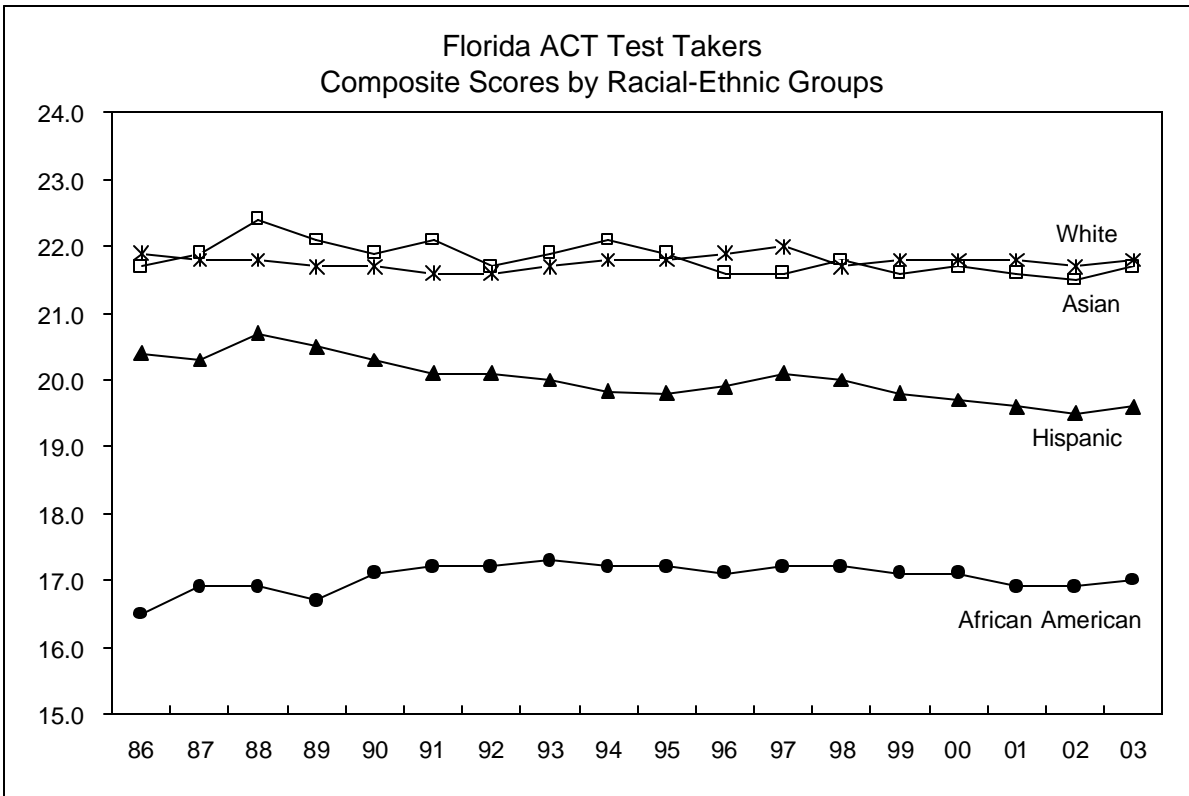
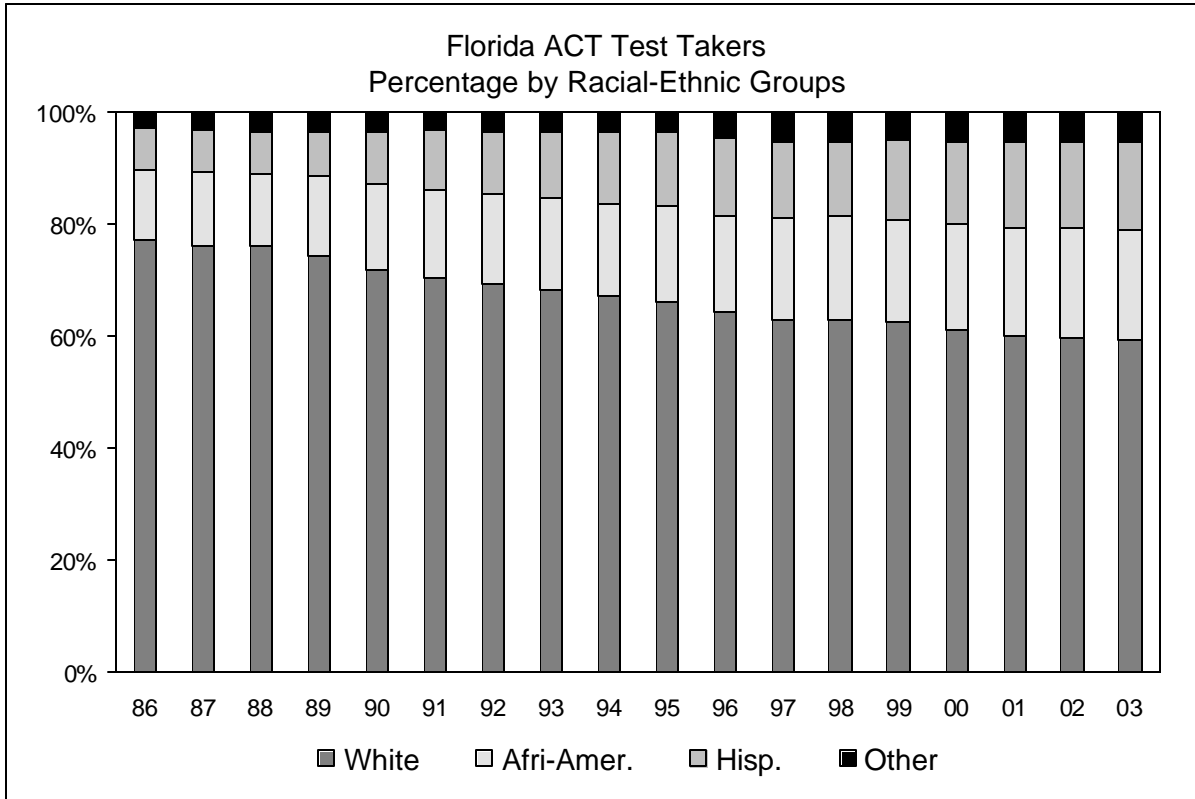
**Total number of students who responded to the questionnaire item asking them to categorize themselves as to race/ethnicity

ACT Composite Score by Academic Preparation
By Racial-Ethnic Groups - Florida - 2003**

Racial-Ethnic Groups	Number		Percentage		Composite	
	Core	Less than Core	Core	Less than Core	Core	Less than Core
White	18,075	8,794	67.3	32.7	22.5	20.4
African American	5,833	3,541	62.2	37.8	17.6	16.0
Hispanic	4,775	2,229	68.2	31.8	20.4	18.1
Asian	1,212	432	73.7	26.3	22.0	21.0

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





Florida
ACT Scores by Racial-Ethnic Groups
1987-2003

	1987	1992	1997	1998	1999	2000	2001	2002	2003
WHITE									
# of students	17,902	19,605	21,415	24,412	26,291	27,909	28,100	28,240	30,275
Composite Score	21.8	21.6	22.0	21.7	21.8	21.8	21.8	21.7	21.8
Percentage	74.6	66.8	60.1	60.3	60.2	58.8	57.9	57.4	57.3
AFRICAN-AMERICAN									
# of students	3,062	4,518	6,258	7,219	7,751	8,664	9,090	9,357	10,054
Composite Score	16.9	17.2	17.2	17.2	17.1	17.1	16.9	16.9	17.0
Percentage	12.8	15.3	17.6	17.8	17.7	18.3	18.7	19.0	19.0
HISPANIC									
# of students	1,772	3,205	4,659	5,191	5,954	6,720	7,172	7,377	8,073
Composite Score	20.3	20.1	20.1	20.0	19.8	19.7	19.6	19.5	19.6
Percentage	7.4	10.9	13.1	12.8	13.6	14.2	14.8	15.0	15.3
ASIAN									
# of students	528	1,108	1,544	1,637	1,607	1,766	1,795	1,775	1,811
Composite Score	21.9	21.7	21.6	21.8	21.6	21.7	21.6	21.5	21.7
Percentage	2.2	3.8	4.3	4.0	3.7	3.7	3.7	3.6	3.4
OTHER*									
# of students	728	934	1,755	2,025	2,104	2,385	2,408	2,452	2,603
Composite Score	N/A	19.7	19.8	19.9	19.8	19.8	19.7	19.6	19.7
Percentage	3.0	3.2	4.9	5.0	4.8	5.0	5.0	5.0	4.9
TOTAL RESPONDED**									
# of students	23,992	29,370	35,631	40,484	43,707	47,444	48,565	49,201	52,816
Composite Score	21.0	20.7	20.8	20.6	20.6	20.5	20.4	20.5	20.5
Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO RESPONSE									
# of students	3,294	3,913	4,865	2,895	2,365	2,484	2,553	2,734	2,968
Composite Score	N/A	20.4	20.3	21.1	21.0	21.2	20.7	21.1	21.2
Percentage	12.4	11.8	12.0	6.7	5.1	5.0	5.0	5.3	5.3
TOTAL***									
Composite Score	20.9	20.7	20.7	20.8	20.6	20.6	20.4	20.4	20.5

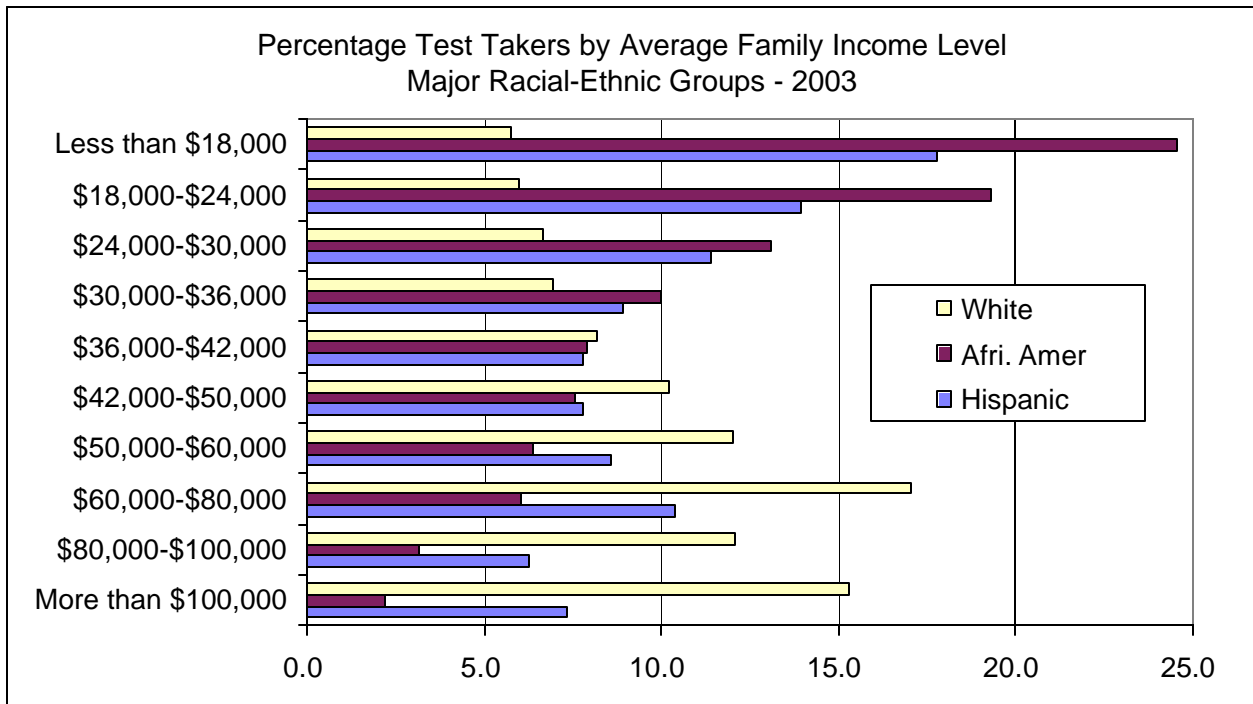
*Includes Native Americans, Multiracial, and Other Races.

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

***Includes nonrespondents.

Florida ACT Test Takers by Average Family Income Level
Major Racial-Ethnic Groups - 2003

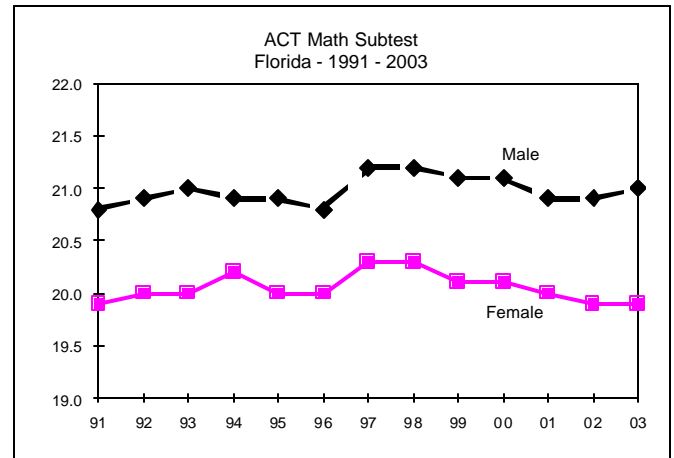
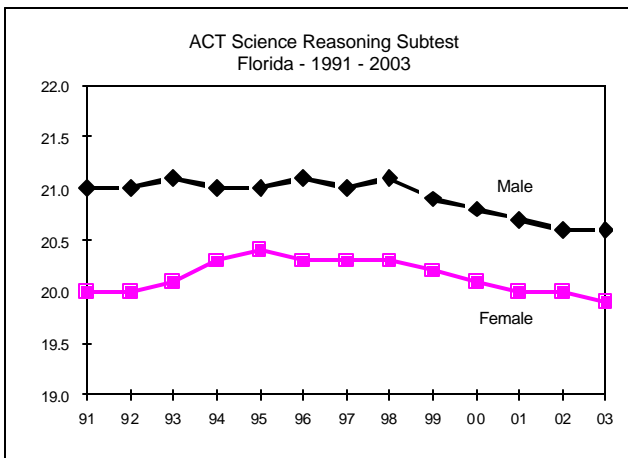
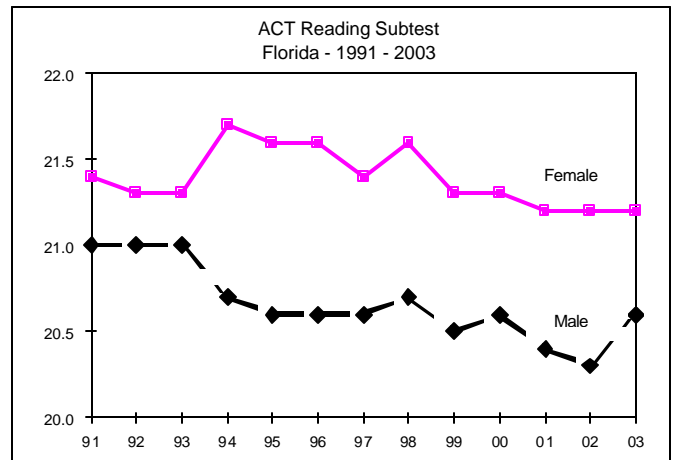
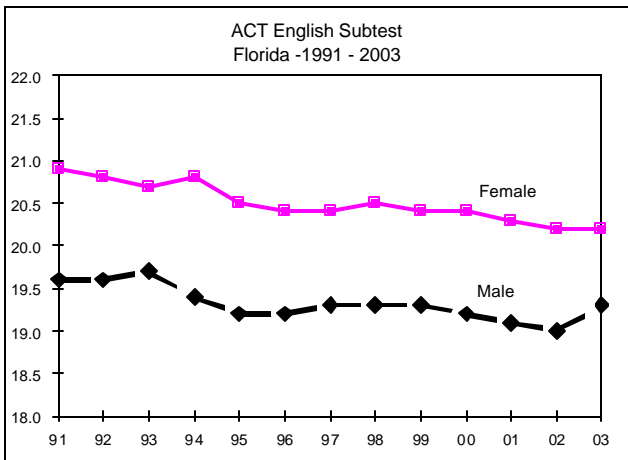
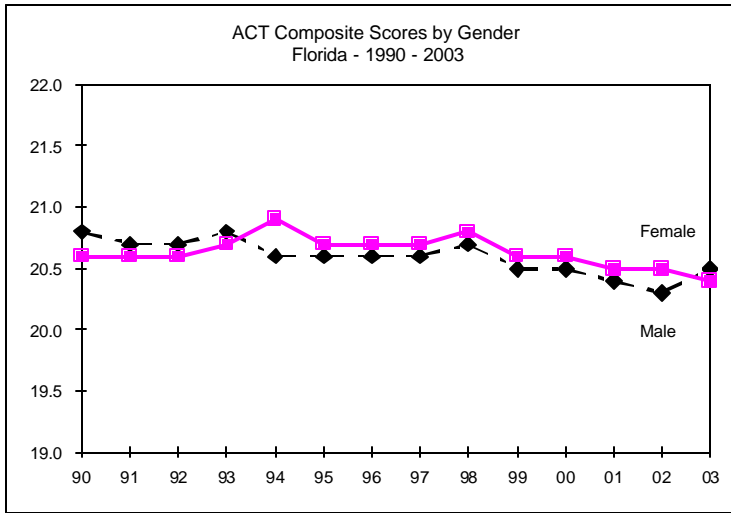
		Number			Percentage		
		White	Afri. Amer	Hispanic	White	Afri. Amer	Hispanic
A	Less than \$18,000	1,255	1,976	1,041	5.7	24.6	17.8
B	\$18,000-\$24,000	1,301	1,552	818	5.9	19.3	14.0
C	\$24,000-\$30,000	1,450	1,052	668	6.6	13.1	11.4
D	\$30,000-\$36,000	1,511	802	521	6.9	10.0	8.9
E	\$36,000-\$42,000	1,782	633	455	8.1	7.9	7.8
F	\$42,000-\$50,000	2,238	605	454	10.2	7.5	7.7
G	\$50,000-\$60,000	2,630	512	501	12.0	6.4	8.6
H	\$60,000-\$80,000	3,733	484	607	17.1	6.0	10.4
I	\$80,000-\$100,000	2,635	251	366	12.0	3.1	6.2
J	More than \$100,000	3,340	177	428	15.3	2.2	7.3
	Total Responding	21,875	8,044	5,859	100.0	100.0	100.0



**ACT Scores
by Gender**

American College Test
Florida and U.S. Composite Scores by Gender
1990 - 2003

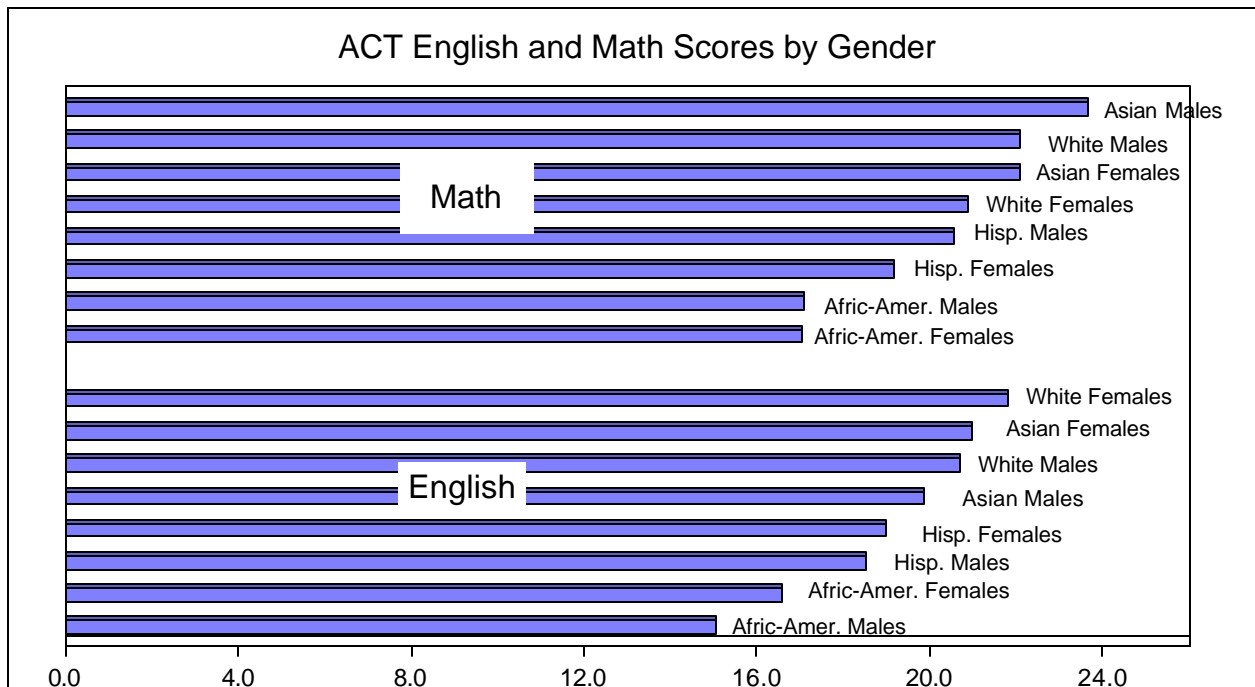
	1990	1992	1994	1996	1998	2000	2002	2003	Difference 2002-2003
<u>FLORIDA</u>									
Males									
English	19.9	19.6	19.4	19.2	19.3	19.2	19.0	19.3	0.3
Math	20.9	20.9	20.9	20.8	21.2	21.1	20.9	21.0	0.1
Reading	NA	21.0	20.7	20.6	20.7	20.6	20.3	20.6	0.3
Sci Reasoning	NA	21.0	21.0	21.1	21.1	20.8	20.6	20.6	0.0
Composite	20.8	20.7	20.6	20.6	20.7	20.5	20.3	20.5	0.2
N	13,049	14,302	14,536	15,332	17,799	19,556	20,190	21,599	
%age	44.5	43.0	42.1	42.3	41.0	39.4	39.3	39.2	
Females									
English	21.1	20.8	20.8	20.4	20.5	20.4	20.2	20.2	0.0
Math	19.9	20.0	20.2	20.0	20.3	20.1	19.9	19.9	0.0
Reading	NA	21.3	21.7	21.6	21.6	21.3	21.2	21.2	0.0
Sci Reasoning	NA	20.0	20.3	20.3	20.3	20.1	20.0	19.9	-0.1
Composite	20.6	20.6	20.9	20.7	20.8	20.6	20.5	20.4	-0.1
N	16,279	18,981	19,992	20,932	25,580	30,062	31,176	33,539	
%age	55.5	57.0	57.9	57.7	59.0	60.6	60.7	60.8	
									Difference
<u>U.S.</u>	1990	1992	1994	1996	1998	2000	2002	2003	2002-2003
Males									
English	20.1	19.8	19.8	19.8	19.9	20.0	19.7	19.8	0.1
Math	20.7	20.7	20.8	20.9	21.5	21.4	21.2	21.2	0.0
Reading	NA	21.1	21.1	21.0	21.1	21.2	20.9	21.0	0.1
Sci Reasoning	NA	21.4	21.6	21.9	21.8	21.6	21.3	21.3	0.0
Composite	21.0	20.9	20.9	21.0	21.2	21.2	20.9	21.0	0.1
N	373,310	374,389	396,953	407,587	430,724	455,817	485,797	509,969	
%age	45.7	45.0	44.5	44.1	43.3	43.0	43.8	43.7	
Females									
English	20.9	20.6	20.7	20.7	20.8	20.9	20.6	20.7	0.1
Math	19.3	19.5	19.6	19.7	20.2	20.2	20.1	20.1	0.0
Reading	NA	21.1	21.4	21.6	21.6	21.5	21.3	21.4	0.1
Sci Reasoning	NA	20.1	20.4	20.5	20.6	20.6	20.4	20.4	0.0
Composite	20.3	20.5	20.7	20.8	20.9	20.9	20.7	20.8	0.1
N	443,786	457,833	494,761	517,076	564,315	604,646	623,128	656,587	
%age	54.3	55.0	55.5	55.9	56.7	57.0	56.2	56.3	



Florida ACT Scores by Gender and Racial-Ethnic Groups

	Males				Females				% Female	Score Difference (Male - Female)		
	Number	Eng.	Math	Comp.	Number	Eng.	Math	Comp.		Eng.	Math	Comp.
2000												
White	11,063	20.7	22.2	21.9	16,820	21.8	20.9	21.8	60.3	-1.1	1.3	0.1
African-Amer.	3,425	15.1	17.2	16.5	5,232	17.0	17.4	17.5	60.4	-1.9	-0.2	-1.0
Hispanic	2,531	18.3	20.6	19.8	4,178	19.1	19.4	19.6	62.3	-0.8	1.2	0.2
Asian	692	20.1	24.0	22.0	1,067	20.8	22.6	21.6	60.7	-0.7	1.4	0.4
Total*	19,556	19.3	21.1	20.6	30,062	20.4	20.1	20.6	60.6	-1.1	1.0	0.0
2001												
White	11,253	20.7	22.1	21.8	16,752	21.8	20.9	21.8	60.3	-1.1	1.3	0.1
African-Amer.	3,723	14.8	17.2	16.4	5,351	16.6	17.2	17.3	58.4	-2.2	0.0	-0.9
Hispanic	2,778	18.4	20.5	19.8	4,356	18.9	19.2	19.4	62.3	-0.5	1.3	0.4
Asian	728	20.1	24.0	21.9	1,056	20.8	22.3	21.4	60.7	-0.7	1.7	0.5
Total*	20,381	19.1	20.9	20.4	30,364	20.3	20.0	20.5	59.8	-1.2	0.9	-0.1
2002												
White	10,991	20.6	22.1	21.7	17,033	21.7	20.8	21.7	59.8	-1.1	1.2	0.0
African-Amer.	3,630	14.8	17.0	16.3	5,691	16.8	17.2	17.4	59.6	-1.8	-0.2	-1.1
Hispanic	2,762	18.1	20.3	19.6	4,565	18.8	19.2	19.4	61.1	-0.7	1.1	0.2
Asian	724	19.8	23.5	21.6	1,042	20.8	22.5	21.5	59.2	-1.0	1.0	0.1
Total*	20,190	19.0	20.9	20.3	31,176	20.2	19.9	20.5	60.7	-1.2	1.0	-0.2
2003												
White	11,955	20.7	22.1	21.8	18,077	21.8	20.9	21.7	60.8	-1.1	1.3	0.0
African-Amer.	3,823	15.0	17.1	16.5	6,182	16.6	17.1	17.2	59.8	-1.8	0.0	-0.7
Hispanic	2,926	18.5	20.6	19.9	5,083	19.0	19.2	19.5	62.3	-0.4	1.4	0.4
Asian	757	19.9	23.7	21.8	1,037	21.0	22.1	21.5	59.0	-1.1	1.6	0.2
Total*	21,599	19.3	21.0	20.5	33,539	20.2	19.9	20.4	60.8	-0.9	1.1	0.1

*Total includes other racial-ethnic groups and students who did not declare a race.



Florida ACT Test Takers by Average Family Income Level
By Gender - 2003

		Number		Percentage	
		Males	Females	Males	Females
A	Less than \$18,000	1,600	3,360	10.4	13.5
B	\$18,000-\$24,000	1,421	2,752	9.2	11.1
C	\$24,000-\$30,000	1,297	2,326	8.4	9.4
D	\$30,000-\$36,000	1,203	2,040	7.8	8.2
E	\$36,000-\$42,000	1,237	2,056	8.0	8.3
F	\$42,000-\$50,000	1,512	2,233	9.8	9.0
G	\$50,000-\$60,000	1,649	2,415	10.7	9.7
H	\$60,000-\$80,000	2,135	3,185	13.8	12.8
I	\$80,000-\$100,000	1,435	2,112	9.3	8.5
J	More than \$100,000	1,931	2,398	12.5	9.6
	Total Responding	15,420	24,877	100.0	100.0

