

SAT Trends
Florida and the Nation

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Summary - SAT Trends Florida and the Nation¹

Overall Trends in Scores and Number of Test Takers (Pages 1-3)

- Florida students graduating in 2009 scored an average of 995 on the combined SAT critical reading and math sections, two points higher than last year.² Both Florida's reading score and the math score went up one point.
- The combined score for the U.S. was 1016, one point lower than in 2008. The reading score for the U.S. went down one point while the math score was the same as last year.
- Florida's writing score went down one point, as did the writing score for the nation.
- Florida continues to have a significantly larger percentage of graduates taking the SAT than is true nationwide. This makes comparisons of Florida scores with scores of the nation problematic, since typically, the larger the percentage of students taking a test, the lower the average score is likely to be.
- The number of Florida test takers increased by two percent, up from 98,578 in 2008 to 100,179 in 2009. This represents 58% of all 2009 graduates, about the same as last year.
- Nationwide, the number of test takers as a percentage of the graduates was 46%, 12 percentage points lower than Florida.

Profile of the 2009 Test Takers Compared to Prior Years

- The profile of Florida test takers continues to look less like that of the nation. This can be seen in such trends as the percentage of minority test takers, average family income, and the percentage of first-generation of college attendees. (See pages 3, 11, 17, 18.)
- The percentage of Florida test takers from minority racial-ethnic groups has been increasing steadily. In 1988 minority test takers represented about one fourth of the test takers (24%); in 2009, minority test takers represented 48%. (See page 12.)

Nationwide, the percentage of minority test takers has also been increasing but at a slower rate than in Florida. In 1988, minorities represented 23% of the test takers nationwide, about the same as in Florida. By 2009 the percentage had increased to 42%, with Asians, whose scores are typically well above average, representing 10.9 % of the total, compared to 4.6% for Florida. (See page 3.)

¹All SAT information in the text, tables, and graphs of this report was derived from data provided by The College Board. Copyright © 2009 by The College Board. All rights reserved. www.collegeboard.com.

²All references to the total SAT score in this report refer to the critical reading score + the math score.

Uses of the SAT in Florida

SAT 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 SAT scores (or, alternatively, concordant ACT 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 SAT combined score (math + reading) of 970 while a student with a GPA of 2.0 needs an SAT score of 1140.
- For meeting qualifications for the Bright Futures Scholarship Program. For instance, a Florida Academic Scholars Award requires an SAT score of 1270, while a Florida Medallion Scholars Award requires a score of 970.
- For placement into regular college courses. Students who present an SAT critical reading score of 440 and a mathematics score of 440 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 SAT or the ACT.
- As an alternative to satisfy FCAT requirements for high school graduation. Since 2003, high school students who have failed to achieve the required minimum score on the tenth grade FCAT, after three attempts, have the option of substituting a minimum score of 410 on the SAT reading or a 370 on the SAT math sections (or concordant scores on the ACT) for FCAT. Students who have failed FCAT and attempt to use this option, whether or not they achieve the minimum SAT score, are likely to impact the state SAT mean score.

Course-taking Patterns of SAT Test Takers (Pages 6-8)

- The more rigorous courses students have taken in high school, the higher SAT scores are likely to be. For example, Florida students who have taken calculus have an average SAT math score of 604, compared to 450 for those students whose highest math course was Algebra II. (See page 6)
- In science, test takers who have taken or will have taken physics have an average SAT total score of 1069. The average score for all test takers who have taken chemistry is 1023. Among those test takers who reported their science courses, 58% reported they will have taken four years or more of science by the time they graduate.³

³The relationship between courses taken and test scores may indicate that students who have a high aptitude for math tend both to make high math scores and to take higher level math courses. With respect to physics and calculus, at the time the students took the examination many of them were probably just beginning the course or, if they took the exam as juniors, were planning to take the course their senior year. For these students, exposure to the content of these courses could not have affected their SAT score.

- Compared to Florida, a smaller percentage of SAT test takers nationwide have taken AP or other honors courses, yet their SAT scores are higher. Approximately one half of Florida's SAT test takers report they have taken an honors course, compared to one third of SAT test takers nationwide. On average, SAT test takers nationwide who have taken honors courses score approximately 50 points higher than do Florida students who have taken honors courses. (See page 8.)

Demographic Trends

- The profile of Florida students taking the SAT has changed drastically over the 32 years covered in this report. During that time the percentage of white non-Hispanic test takers decreased from 86% to 52%, while the percentage of African American test takers increased from 9% to 16% and the percentage of Hispanic test takers increased from 4% to 24%. (See page 16.)
- Based on the students who provided information on race-ethnicity, the number of African-Americans 2009 test takers increased by 10% over the prior year, Hispanics by 5%, and Asians by 4% while the number of white non-Hispanic test takers stayed about the same. (See page 12.)
- SAT scores for Hispanics are significantly higher for Florida than those for the nation—currently a 42-point spread. Scores for African-American test takers in Florida are 7 points higher as African-Americans nationwide, while scores for white non-Hispanics are now 16 points lower than those for the nation. (See pages 11-13.)
- Test takers are asked on the SAT Questionnaire to indicate their first language learned. The choices are: English, English and Another Language, or Another Language. Among Hispanic SAT test takers in Florida, the percentage of those who indicated Another Language has been decreasing slowly, from 43% in 1997 to 36% in 2007-2009. However, because of the continued increase in the number of Hispanic students in Florida, the number of test takers who indicated Another Language has increased by 143%. (See page 14.)
- There is a close relationship between scores and the first language learned. Average critical reading scores for Hispanics ranged from 499 for those for whom English was their first language to 476 for those whose first language was other than English. (See page 15.) Writing scores ranged from 479 to 465 and math from 495 to 476 for these same groups.
- Results on the SAT demonstrate that the higher the average family income, the higher the average scores are likely to be. (See page 16.)
- Results on the SAT also demonstrate that the higher the level of parental education, the higher the average score is likely to be.⁴ (See page 18.)
- Through 1998 the percentages of Florida test takers who represented the first generation of college attendees were on a par with those of the nation. The last ten years has seen a widening gap between the percentage of Florida test takers whose parents had not graduated from college and the percentage in the nation.

⁴*Parental education* is defined as the highest level of education achieved by either the father or mother, whichever was higher.

Scores Trends by Gender (Pages 20-22. Page 22 not yet updated to 2009)

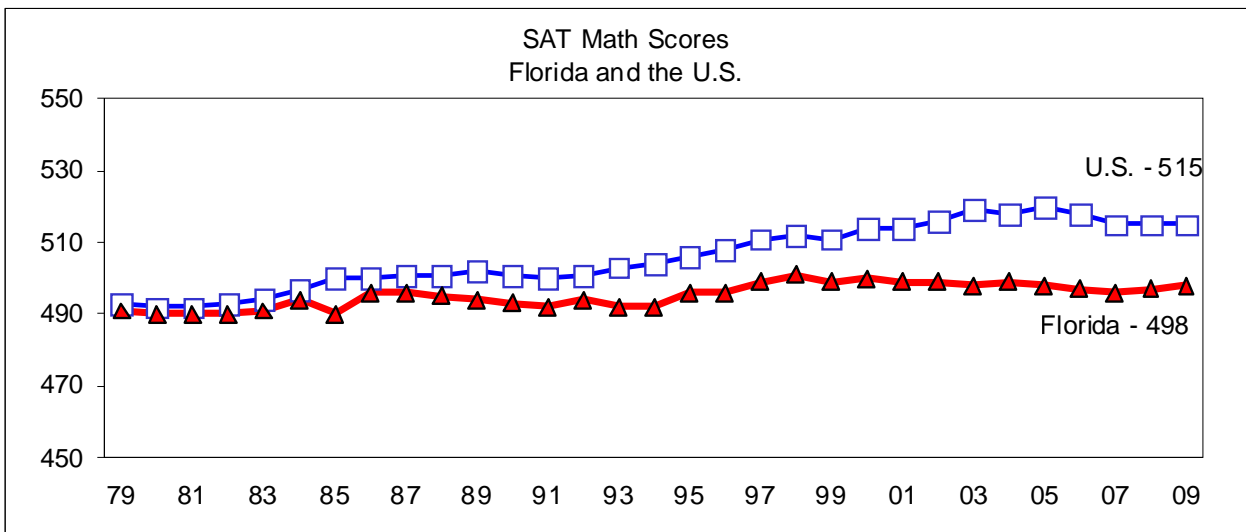
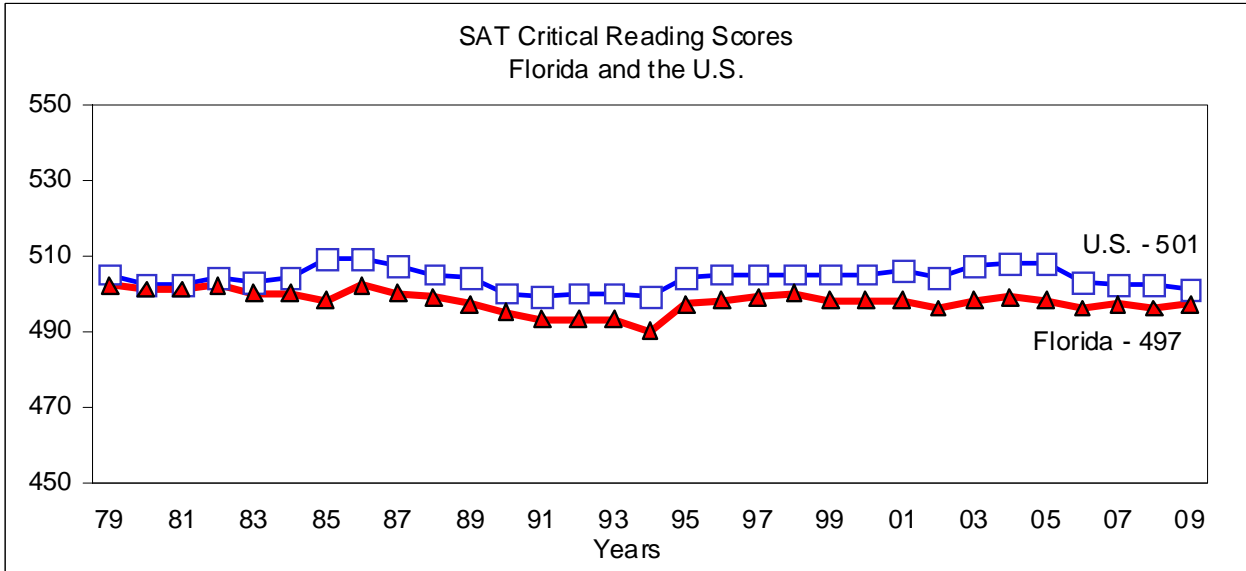
- More women than men take the SAT. Florida's proportion of women test takers is even larger than that of the U.S.--a 54.6 to 45.4 ratio for Florida, compared to a 53.6 to 46.4 ratio for the U.S. Although the difference may seem small, it is consistent. Since women's math scores are significantly lower than men's, this difference in profile between Florida and the U.S. points to one more reason why U.S. average scores are higher than those for Florida. (See page 20.)
- Reading scores for Florida females increased by one point in 2008, from 495 to 496, while reading scores for males (497) did not change. SAT reading scores for females in both Florida and the U.S. have historically been slightly lower than reading scores for males.
- Math scores for males for both Florida and the U.S. have consistently been more than 30 points higher than those for females. (See pages 20-21.)
- Among various racial-ethnic groups, 52% of the Asian test takers, 54% of white non-Hispanic test takers, 56% of the Hispanic test takers, and 55% of the African-American test takers were female. Because of the wide gender gap in math, the larger the percentage of test takers who are women, the lower the combined score is likely to be. (See page 22.)
- The gender score gap, particularly in math, exists for all racial-ethnic groups. The gap is smallest for African Americans, where males scored 16 points higher than females in math but 9 points lower than females in reading. African-American females scored 117 points lower on the combined score than the state average for females, while African-American males scored 148 points lower than the state average for males.
- Some of the gender gap may be linked to the fact that a larger proportion of females take the SAT. Data on family income, parental education, and percentage of minority test takers all suggest that the female SAT test takers represent a different population of test takers than do the males who take the SAT.

SUMMARY OF RESULTS ON THE SAT
FLORIDA COLLEGE-BOUND SENIORS

	2007				2008				2009			
	Reading	Math	Total R+M	Writing	Reading	Math	Total R+M	Writing	Reading	Math	Total R+M	Writing
Florida	497	496	993	479	496	497	993	481	497	498	995	480
Nation	502	515	1017	494	502	515	1017	494	501	515	1016	493

Florida: Total score (reading + math) went up two points; reading and math both went up one point, writing down one point. 58% of the graduates took the exam, about the same as in 2007; 48% of the test takers were from minority racial-ethnic groups.

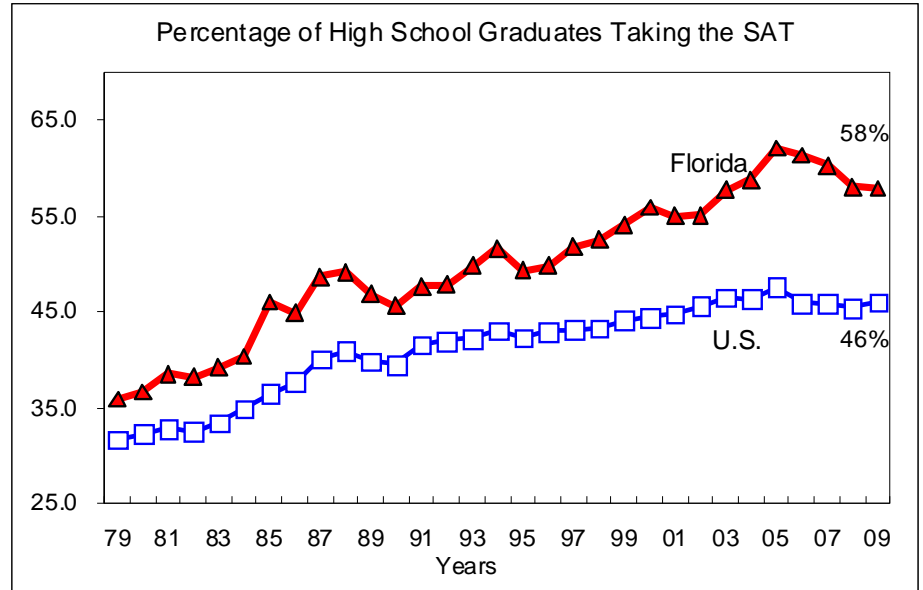
Nation: Math remained the same as 2008; reading and writing both decreased by one point. 46% of the graduates took the exam, up one percentage point; 42% of the test takers were from minority racial-ethnic groups.



SAT Trends - Florida

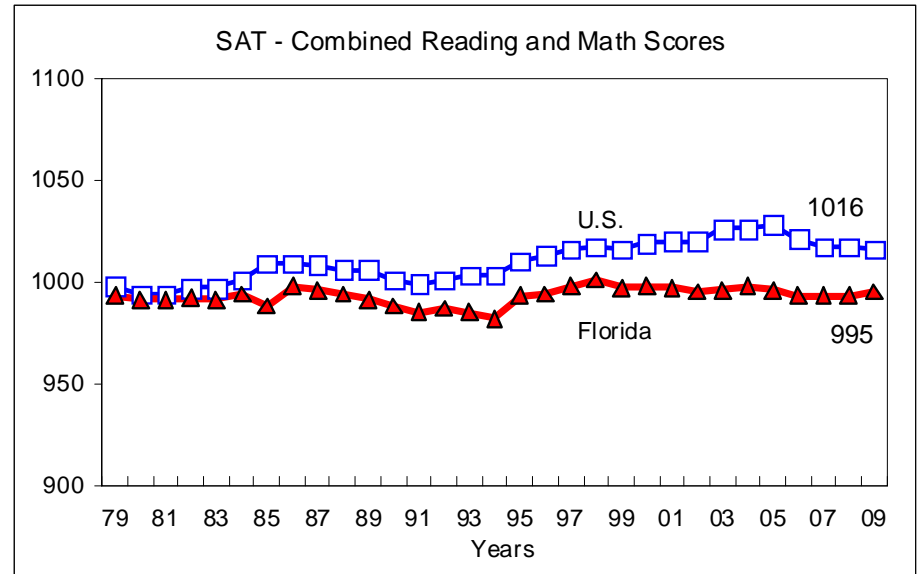
Grad Year	Number of Test Takers	High School Graduates*	% of Grads	Reading Score	Math Score	Combined Score	Writing Score
1977-78	34,728	101,800	34.1	504	489	993	
1979-80	35,824	97,600	36.7	501	490	991	
1982-83	37,304	95,000	39.3	500	491	991	
1985-86	40,624	90,550	44.9	502	496	998	
1988-89	47,274	100,850	46.9	497	494	991	
1991-92	48,570	101,350	47.9	493	494	987	
1994-95	50,470	101,997	49.5	497	496	993	
1997-98	58,040	110,385	52.6	500	501	1001	
2000-01	69,363	126,047	55.0	498	499	997	
2003-04	87,290	148,368	58.8	499	499	998	
2004-05	93,505	150,447	62.2	498	498	996	
2005-06	94,601	154,097	61.4	496	497	993	480
2006-07	97,366	161,315	60.4	497	496	993	479
2007-08	98,578	169,578	58.1	496	497	993	481
2008-09	100,179	172,933	57.9	497	498	995	480

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



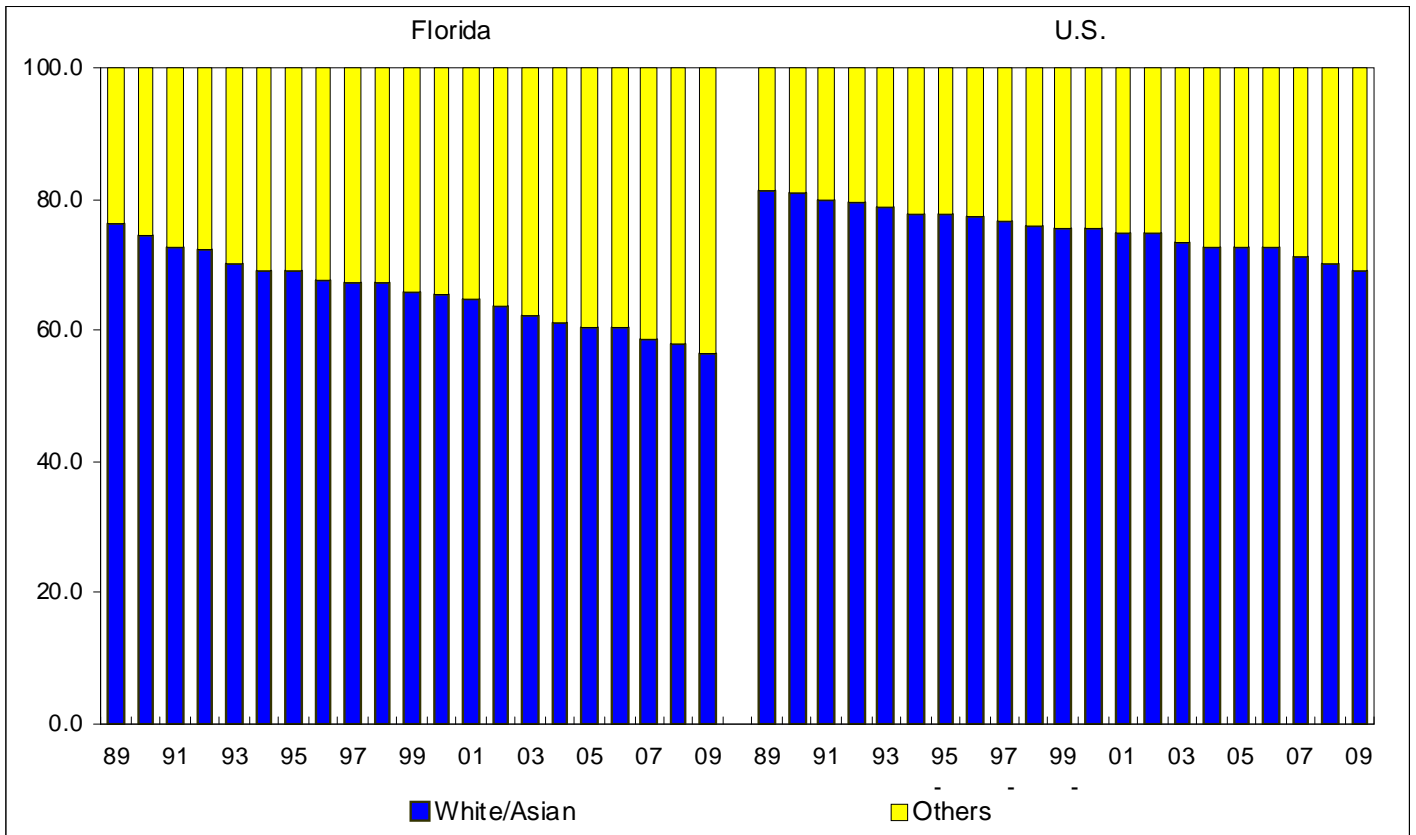
SAT Trends - United States

Grad Year	Number of Test Takers	High School Graduates	% of Grads	Reading Score	Math Score	Combined Score	Writing Score
1977-78	989,307	3,134,000	31.6	507	494	1001	
1979-80	988,750	3,063,000	32.3	502	492	994	
1982-83	962,877	2,876,494	33.5	503	494	997	
1985-86	1,000,747	2,650,442	37.7	509	500	1009	
1988-89	1,088,223	2,732,584	39.8	504	502	1006	
1991-92	1,034,213	2,461,249	41.8	500	501	1001	
1994-95	1,067,993	2,520,125	42.4	504	506	1010	
1997-98	1,172,779	2,705,110	43.4	505	512	1017	
2000-01	1,276,320	2,850,006	44.8	506	514	1020	
2003-04	1,419,007	3,058,145	46.4	508	518	1026	
2004-05	1,475,623	3,096,834	47.6	508	520	1028	
2005-06	1,465,744	3,189,538	46.0	503	518	1021	497
2006-07	1,494,531	3,254,432	45.9	502	515	1017	494
2007-08	1,518,859	3,340,235	45.5	502	515	1017	494
2008-09	1,530,128	3,320,163	46.1	501	515	1016	493



Profile of SAT Test Takers - Florida and the Nation
Percentage by Race-Ethnicity

	Florida									U.S.								
	1988	1991	1994	1997	2000	2003	2006	2008	2009	1988	1991	1994	1997	2000	2003	2006	2008	2009
White	75.7	68.6	64.4	62.4	60.7	57.7	55.8	53.3	51.9	77.0	72.0	69.4	67.9	66.4	63.8	62.1	59.8	58.1
Asian	2.9	4.2	4.6	4.7	4.7	4.4	4.5	4.5	4.6	6.1	8.0	8.5	8.8	9.0	9.6	10.4	10.5	10.9
Afri.-Amer.	9.7	12.7	13.3	13.5	14.4	15.3	14.1	14.6	15.6	9.2	10.5	10.8	10.8	11.2	12.0	11.3	12.1	12.8
Hispanic	9.4	12.3	15.1	15.9	16.3	17.9	20.8	23.7	24.2	5.2	6.9	8.2	8.4	9.1	10.2	11.4	13.2	14.1
Other	2.3	2.2	2.6	3.5	3.9	4.7	4.8	4.0	3.8	2.5	2.6	3.1	4.1	4.3	4.4	4.8	4.3	4.1



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Course-taking Patterns

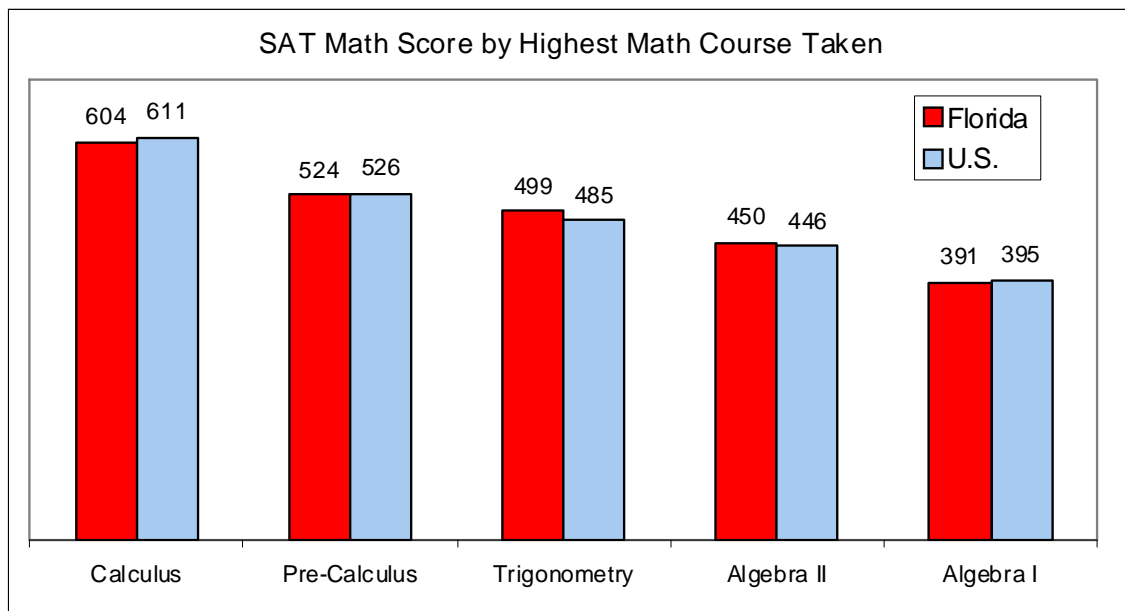
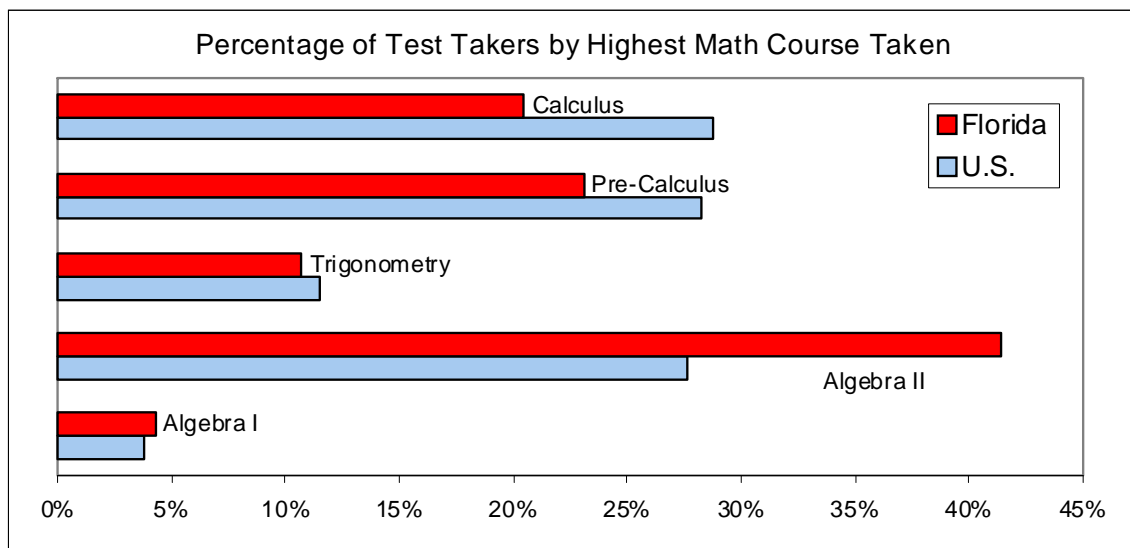
SAT Test Takers

SAT Math Score by Highest Math Course Taken - 2009

Highest Math Course	Florida			Nation			Difference	
	Number	%	Score	Number	%	Score	%	Score
Calculus	17,894	20.5	604	358,303	28.7	611	-8.2	-7.0
Pre-Calculus	20,161	23.1	524	352,274	28.3	526	-5.2	-2.0
Trigonometry	9,356	10.7	499	144,192	11.6	485	-0.8	14.0
Algebra II	36,165	41.4	450	345,052	27.7	446	13.7	4.0
Algebra I	3,734	4.3	391	46,931	3.8	395	0.5	-4.0
Total Responding*	87,310	100.0	501	1,246,752	100.0	519		-17.7
Total	100,179	100.0	497	1,530,128	100.0	515		-18.0
AP/Honors Courses	42,074	42.0	557	451,671	36.2	594	5.8	-37.0

*Total test takers supplying information on the number of courses taken.

**Negative values: Florida is lower than the U.S.

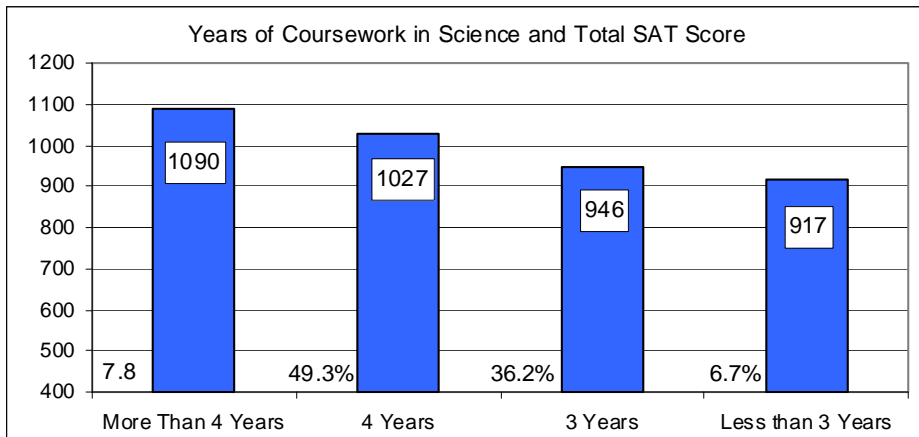
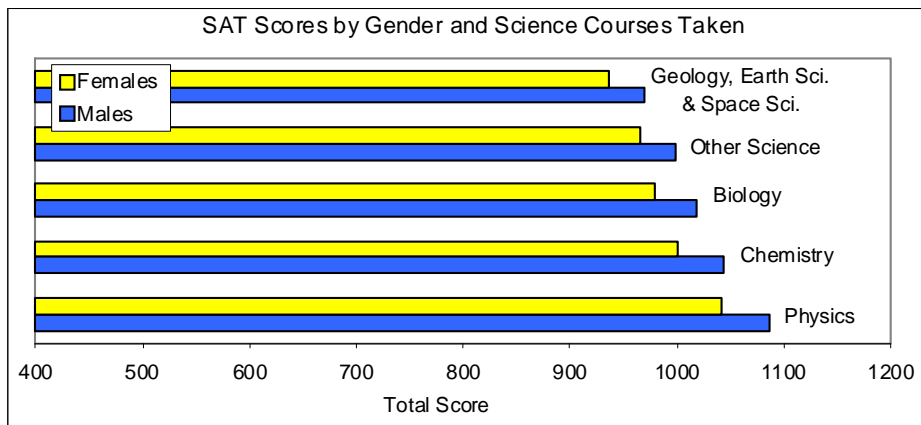


Percentages of Test Takers and SAT Score by Science Courses Taken - Florida

	Males				Females				Total			
	Total Number	%	Aver. SAT Total	Aver. Years Sci.	Total Number	%	Aver. SAT Total	Aver. Years Sci.	**Number	%	Aver. SAT Total	Aver. Years Sci.
Physics	15,462	44.5	1087	4.1	15,714	35.2	1042	4.1	31,194	39.2	1064	4.1
Chemistry	29,172	83.9	1043	3.7	37,716	84.5	1000	3.7	66,939	84.2	1018	3.7
Biology	33,648	96.7	1019	3.7	43,414	97.2	980	3.6	77,114	97.0	997	3.6
Other Science	15,349	44.1	998	3.9	23,415	52.4	966	3.9	38,783	48.8	978	3.9
Geology, Earth Science & Space Science	18,450	53.0	969	3.8	22,309	50.0	937	3.8	40,785	51.3	952	3.8
Total Responded*	34,779	100.0	1018	3.6	44,655	100.0	978	3.6	79,493	100.0	995	3.6

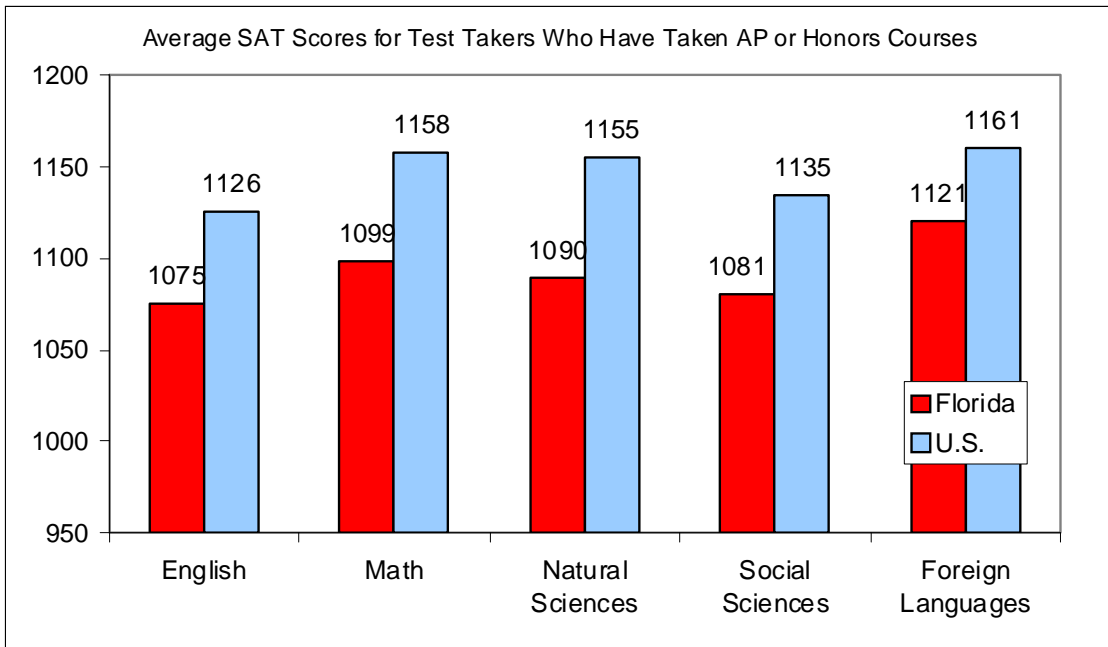
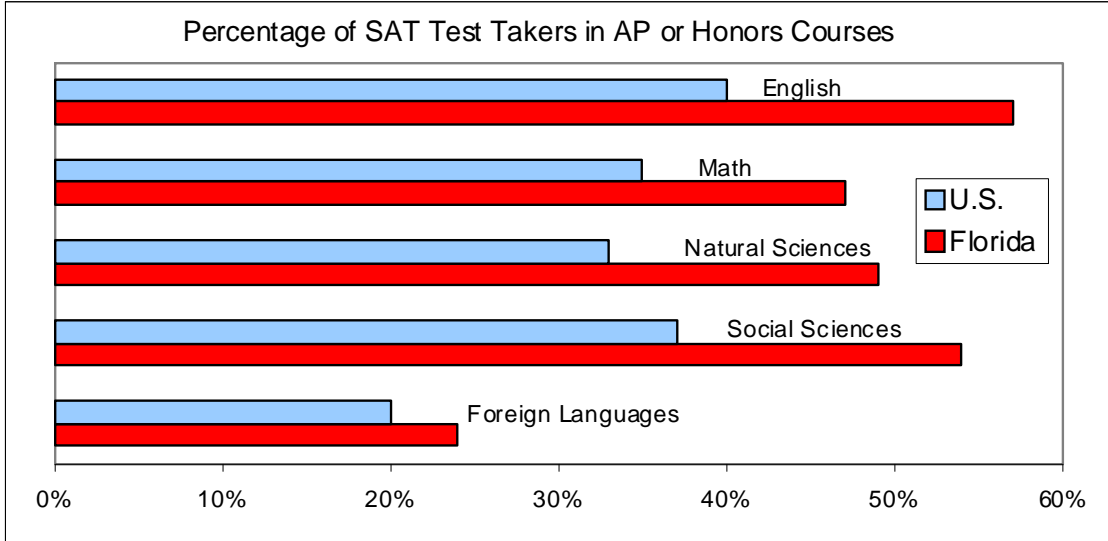
*Based on test takers who supplied information on the science courses they had taken..

**Includes test takers who did not indicate their gender.

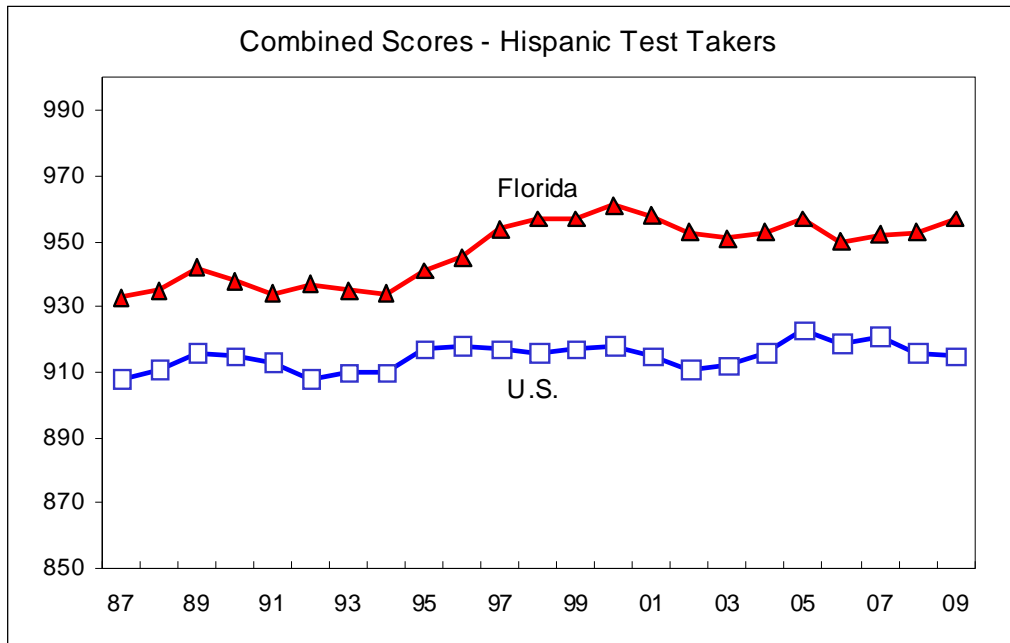
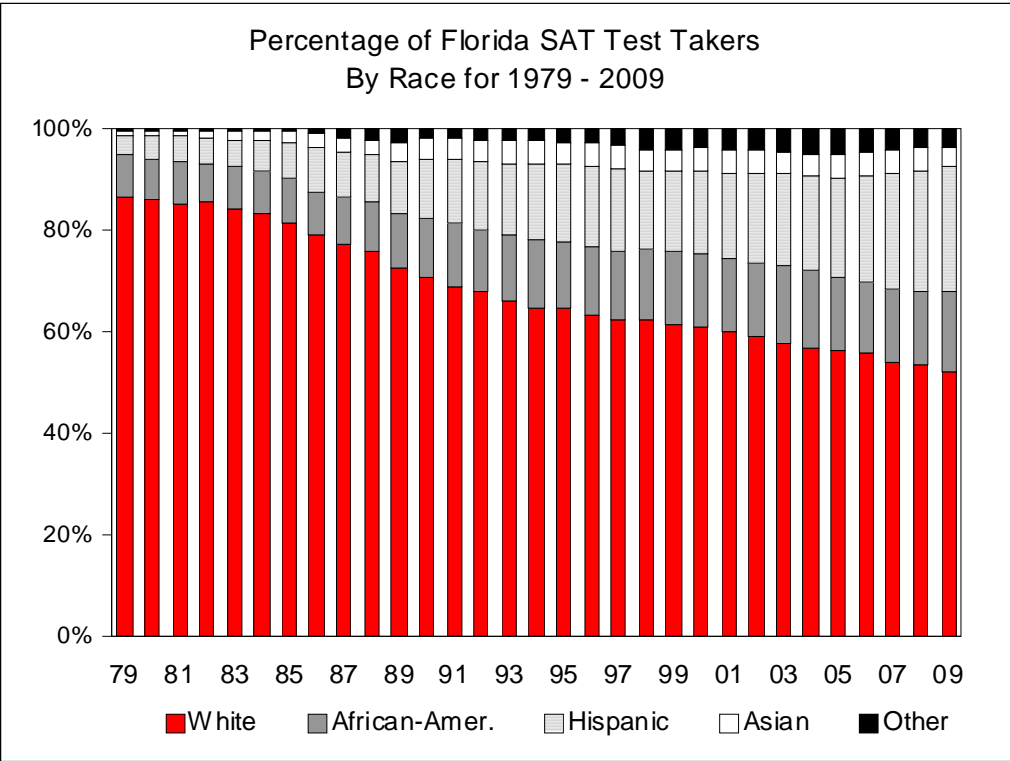


Percentage of SAT Test Takers in AP/Honors Courses

	Florida				U.S.			
	%	SAT Scores			%	SAT Scores		
		Reading	Math	Total		Reading	Math	Total
English	57%	538	537	1075	40%	561	565	1126
Math	47%	542	557	1099	35%	564	594	1158
Natural Sciences	49%	542	548	1090	33%	568	587	1155
Social Sciences	54%	540	541	1081	37%	564	571	1135
Foreign Languages	24%	559	562	1121	20%	575	586	1161



Demographic Trends

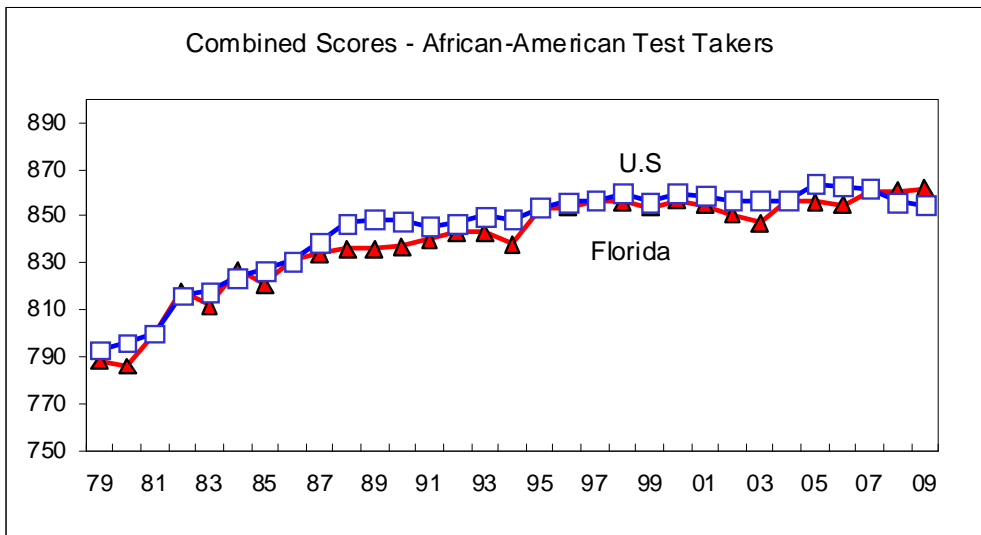
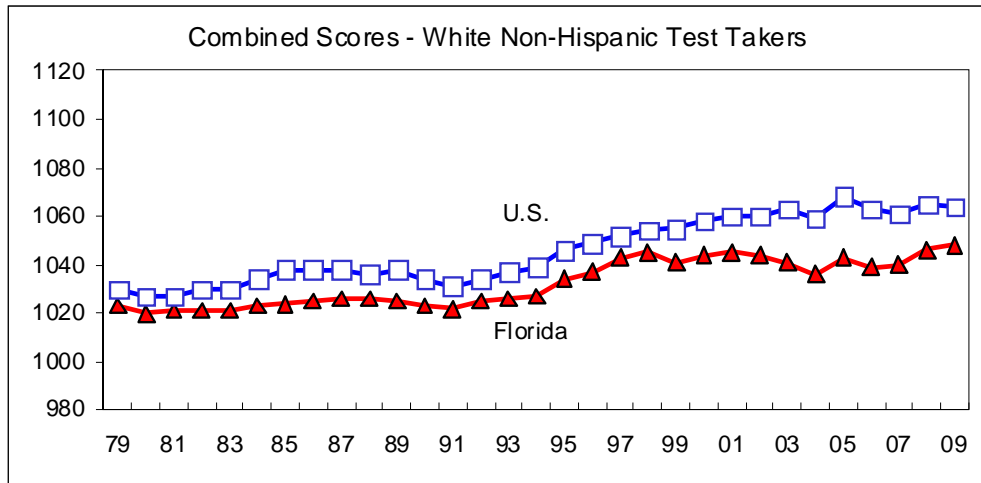


2009 SAT Combined Scores by Racial-Ethnic Groups
Florida and the Nation

Racial/Ethnic Groups	Florida		U.S.		Difference*	
	%	Total Score	%	Total Score	%	Total Score
White	51.9	1048	58.1	1064	-6.2	-16
African American	15.6	862	12.8	855	2.8	7
Hispanic	24.2	957	14.1	915	10.1	42
Asian	4.6	1068	10.9	1103	-6.3	-35
Other	3.7	988	4.1	1004	-0.4	-16
Total Responded**	100.0	995	100.0	1019	-	-24
Non Respondents	2.4	964	4.5	973	-2.1	-9
Total	100.0	995	100.0	1016	-	-21

*Positive values: Florida higher than U.S.

**Test takers who indicated their race-ethnicity.



Florida
Numbers of SAT Test Takers by Racial/Ethnic Groups
1978-2009

	1978	1982	1986	1990	1994	1998	2000	2002	2004	2006	2007	2008	2009	% Change 08 to '09
White Non-Hispanic	26,740	28,680	29,100	29,945	30,374	33,158	34,693	36,315	40,862	49,721	50,090	50,684	50,730	0.1
African-American	2,688	2,603	3,125	5,024	6,270	7,141	8,234	9,018	10,890	12,575	13,245	13,877	15,285	10.1
Hispanic	1,142	1,731	3,210	4,886	7,130	8,103	9,308	10,700	13,604	18,553	21,114	22,505	23,674	5.2
Asian	273	510	989	1,669	2,144	2,417	2,699	2,902	3,102	4,046	4,216	4,267	4,449	4.3
Other	97	148	396	950	1,218	2,122	2,239	2,692	3,625	4,211	3,988	3,766	3,679	-2.3
Total Responded*	30,940	33,672	36,820	42,474	47,136	52,941	57,173	61,627	72,083	89,106	92,653	95,099	97,817	2.9
No Response	3,788	4,202	3,804	2,510	3,477	5,099	10,093	14,037	15,207	5,495	4,713	3,479	2,362	-32.1
Total	34,728	37,874	40,624	44,984	50,613	58,040	67,266	75,664	87,290	94,601	97,366	98,578	100,179	1.6

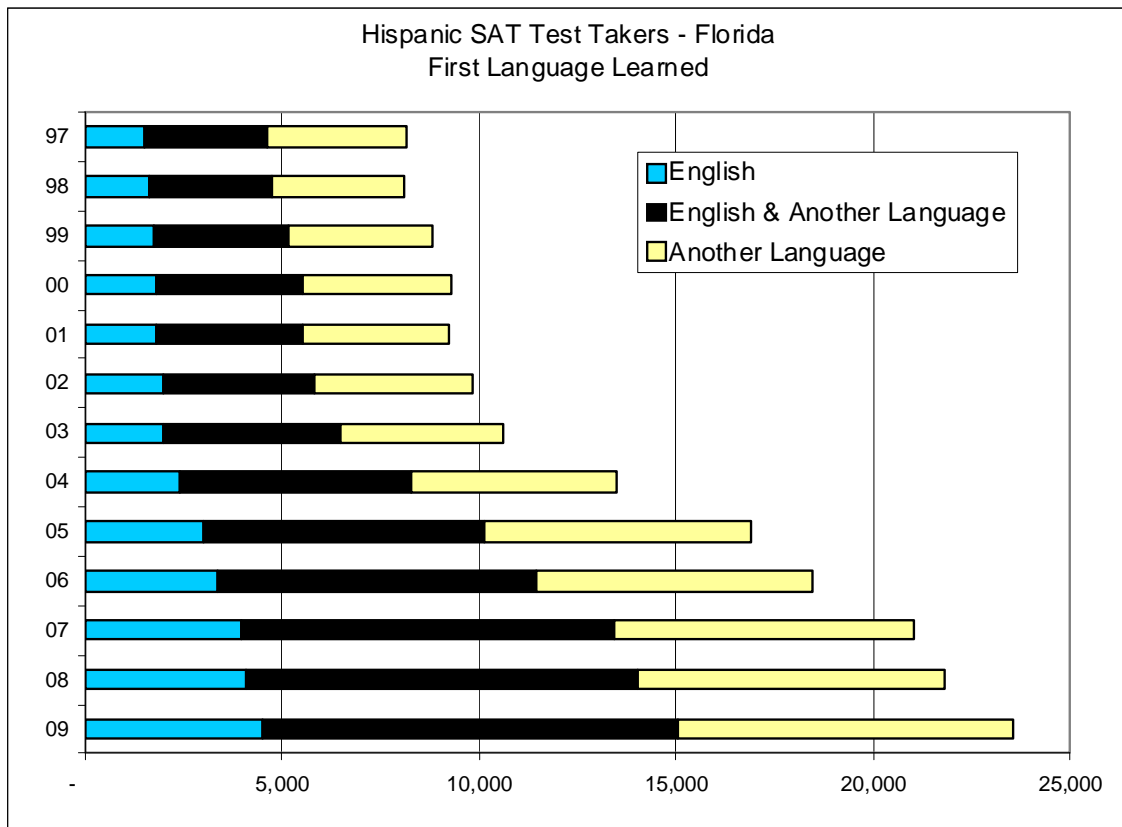
PERCENTAGE	1978	1982	1986	1990	1994	1998	2000	2002	2004	2006	2007	2008	2009	Percentage Point Change
White Non-Hispanic	86.4	85.2	79.0	70.5	64.4	62.6	60.7	58.9	56.7	55.8	54.1	53.3	51.9	-1.4
African-American	8.7	7.7	8.5	11.8	13.3	13.5	14.4	14.6	15.1	14.1	14.3	14.6	15.6	1.0
Hispanic	3.7	5.1	8.7	11.5	15.1	15.3	16.3	17.4	18.9	20.8	22.8	23.7	24.2	0.5
Asian	0.9	1.5	2.7	3.9	4.5	4.6	4.7	4.7	4.3	4.5	4.6	4.5	4.5	0.1
Other	0.3	0.4	1.1	2.2	2.6	4.0	3.9	4.4	5.0	4.7	4.3	4.0	3.8	-0.2
Total Responded*	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	
No Response	10.9	11.1	9.4	5.6	6.9	8.8	15.0	18.6	17.4	5.8	4.8	3.5	2.4	-1.2
Total	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	

*Test takers who indicated their race-ethnicity.

Florida SAT Scores by Ethnic Groups

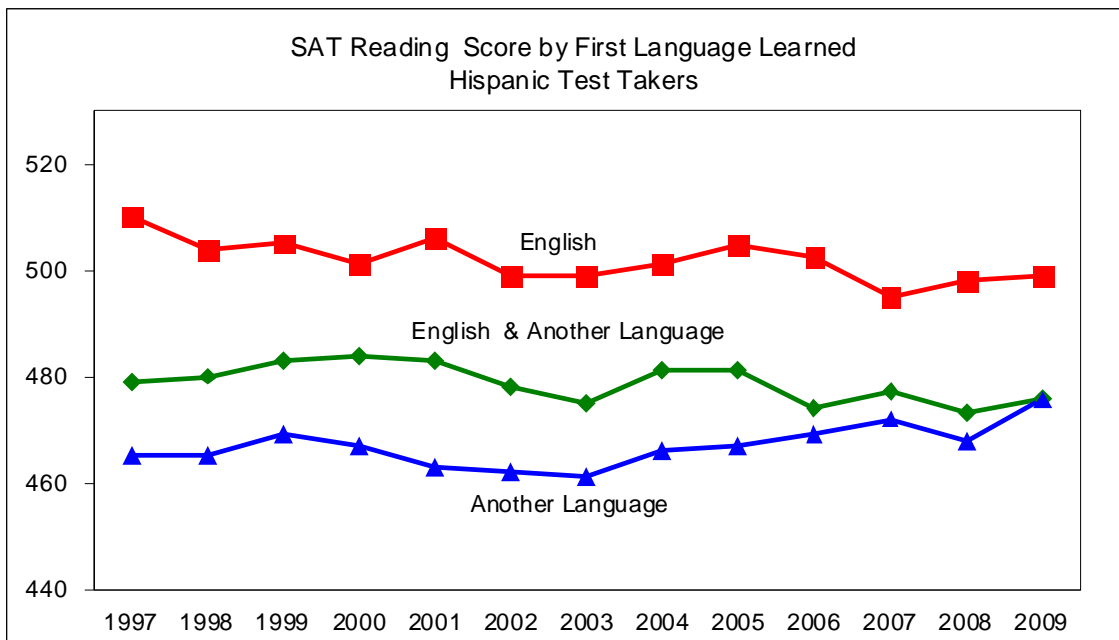
	1978	1982	1986	1990	1994	1998	2000	2002	2004	2005	2006	2007	2008	2009	Difference 2009-2008
CRITICAL READING															
White Non-Hispanic	522	518	517	514	514	523	522	521	519	522	518	520	522	523	1
African-American	391	413	417	420	418	429	431	426	429	429	431	434	434	434	0
Hispanic	478	474	472	474	470	479	480	476	479	480	477	478	478	480	2
Asian	465	482	489	489	484	504	501	502	502	513	505	512	510	515	5
Other	473	476	466	469	482	495	495	487	488	489	491	495	496	495	-1
Total Responded*	508	507	503	496	492	501	500	497	495	498	496	497	496	497	1
No Response	469	463	490	473	458	482	487	493	516	503	496	495	485	487	2
Total	504	502	502	495	490	500	498	496	499	498	496	497	496	497	1
MATHEMATICS															
White Non-Hispanic	503	503	508	509	513	522	522	523	517	521	521	520	524	525	1
African-American	376	405	414	417	420	427	426	425	427	427	424	427	427	428	1
Hispanic	467	464	472	473	473	478	481	477	474	477	474	474	475	477	2
Asian	512	525	531	528	530	546	547	544	539	549	544	547	548	553	5
Other	435	474	462	467	471	490	491	488	482	486	488	492	491	493	2
Total Responded*	491	494	497	494	494	502	502	500	495	498	497	496	497	499	2
No Response	477	461	486	479	459	485	493	495	517	500	495	495	480	477	-3
Total	489	490	496	493	492	501	500	499	499	498	497	496	497	498	1
TOTAL SCORE (Reading + Math)															
White Non-Hispanic	1025	1021	1025	1023	1027	1045	1044	1044	1036	1043	1039	1040	1046	1048	2
African-American	767	818	831	837	838	856	857	851	856	856	855	861	861	862	1
Hispanic	945	938	944	947	943	957	961	953	953	957	951	952	953	957	4
Asian	977	1007	1020	1017	1014	1050	1048	1046	1041	1062	1049	1059	1058	1068	10
Other	908	950	928	936	954	985	986	975	970	975	979	987	987	988	1
Total Responded*	999	1001	1000	990	986	1003	1002	997	990	995	993	993	993	996	3
No Response	945	924	976	952	916	967	980	988	1033	1003	991	990	965	964	-1
Total	993	992	998	988	982	1001	998	995	998	996	993	993	993	995	2
Writing															
White Non-Hispanic											502	502	504	503	-1
African-American											418	419	422	420	-2
Hispanic											461	463	464	466	2
Asian											492	495	498	501	3
Other											476	478	480	480	1
Total Responded*											498	479	482	480	-1
No Response											478	477	465	465	0
Total											480	479	481	480	-1

*Test takers who indicated their race-ethnicity.



Hispanic SAT Test Takers - Florida
By First Language Learned

	1997	1999	2001	2003	2005	2007	2008	2009
English	1,496	1,746	1,826	2,018	3,032	3,939	4,078	4,517
English & Another	3,134	3,416	3,694	4,475	7,117	9,507	9,958	10,498
Other Language	3,510	3,655	3,707	4,108	6,720	7,562	7,787	8,536
Total	8,140	8,817	9,227	10,601	16,869	21,008	21,823	23,551
PERCENTAGES								
English	18.4	19.8	19.8	19.0	18.0	18.8	18.7	19.2
English & Another	38.5	38.7	40.0	42.2	42.2	45.3	45.6	44.6
Other Language	43.1	41.5	40.2	38.8	39.8	36.0	35.7	36.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

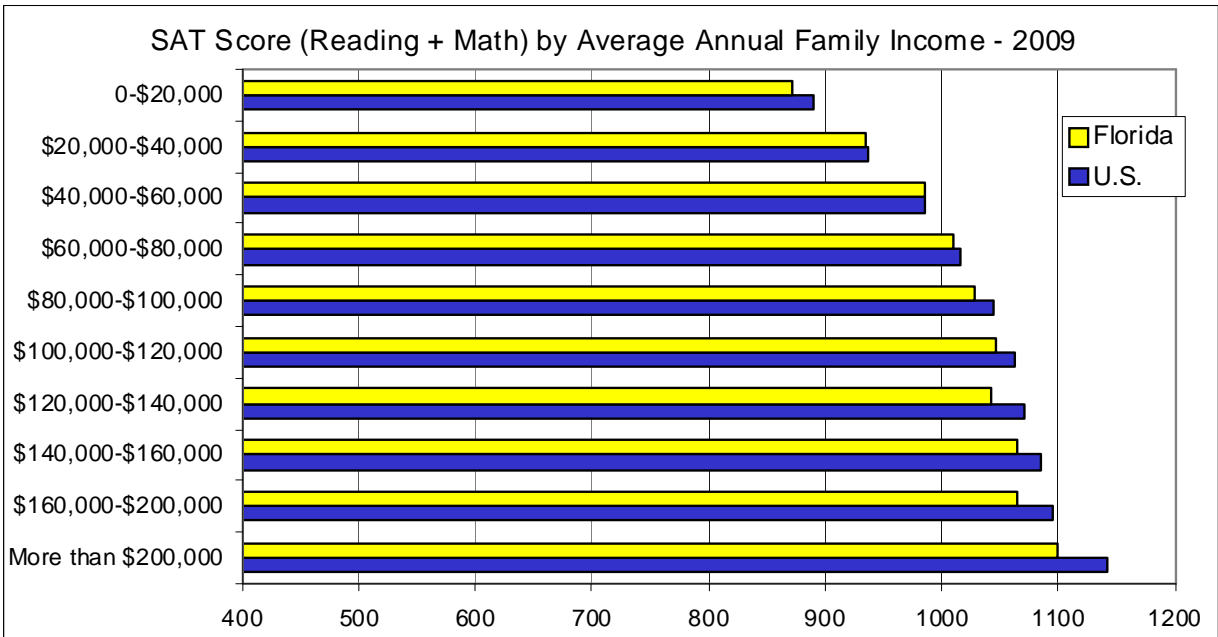


SAT Scores - Hispanic Test Takers - Florida By First Language Learned

	1997	1999	2001	2003	2005	2007	2008	2009
READING SCORE								
English	510	505	506	499	505	495	498	499
English & Another	479	483	483	475	481	477	473	476
Another Language	465	469	463	461	467	472	468	476
Total	479	481	479	476	480	478	477	480
MATH SCORE								
English	505	498	500	492	499	492	494	495
English & Another	469	469	474	465	474	468	467	469
Another Language	472	472	474	471	472	472	471	476
Total	477	476	479	475	478	474	475	477
WRITING SCORE								
English						475	479	479
English & Another						462	460	462
Another Language						458	458	465
Total						463	464	467

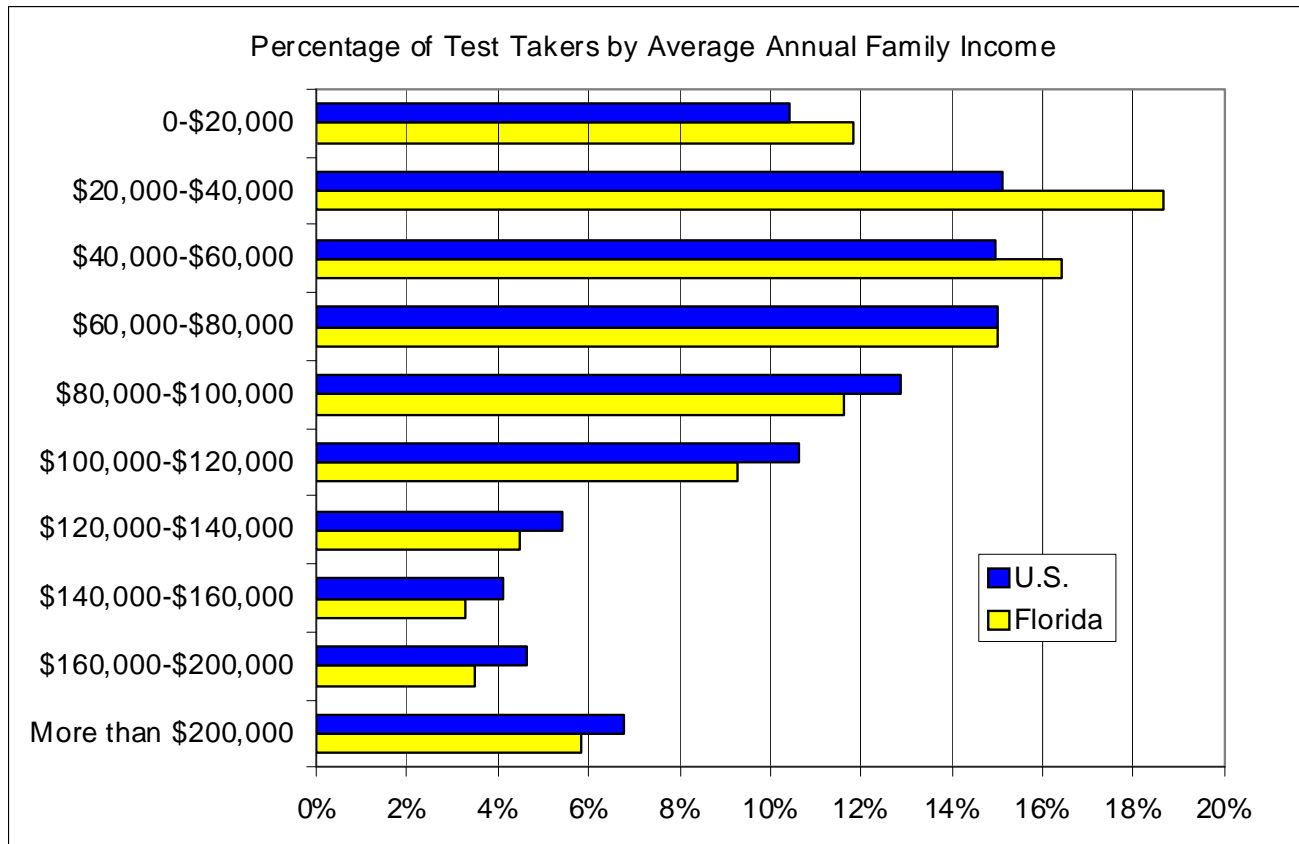
SAT Scores by Average Annual Income Levels - 2009

Income Level	Florida			The Nation		
	Reading	Math	Total	Reading	Math	Total
0-\$20,000	437	434	871	434	457	891
\$20,000-\$40,000	469	466	935	462	475	937
\$40,000-\$60,000	493	492	985	488	497	985
\$60,000-\$80,000	505	505	1010	503	512	1015
\$80,000-\$100,000	513	515	1028	517	528	1045
\$100,000-\$120,000	521	525	1046	525	538	1063
\$120,000-\$160,000	520	522	1042	529	542	1071
\$140,000-\$160,000	529	535	1064	536	550	1086
\$160,000-\$200,000	531	534	1065	542	554	1096
More than \$200,000	547	553	1100	563	579	1142



Percentage of Test Takers
By Average Annual Family Income Level

Income Level	Florida	U.S.
0-\$20,000	11.8%	10.4%
\$20,000-\$40,000	18.6%	15.1%
\$40,000-\$60,000	16.4%	15.0%
\$60,000-\$80,000	15.0%	15.0%
\$80,000-\$100,000	11.6%	12.9%
\$100,000-\$120,000	9.3%	10.7%
\$120,000-\$140,000	4.5%	5.4%
\$140,000-\$160,000	3.3%	4.1%
\$160,000-\$200,000	3.5%	4.6%
More than \$200,000	5.8%	6.8%
	100.0%	100.0%

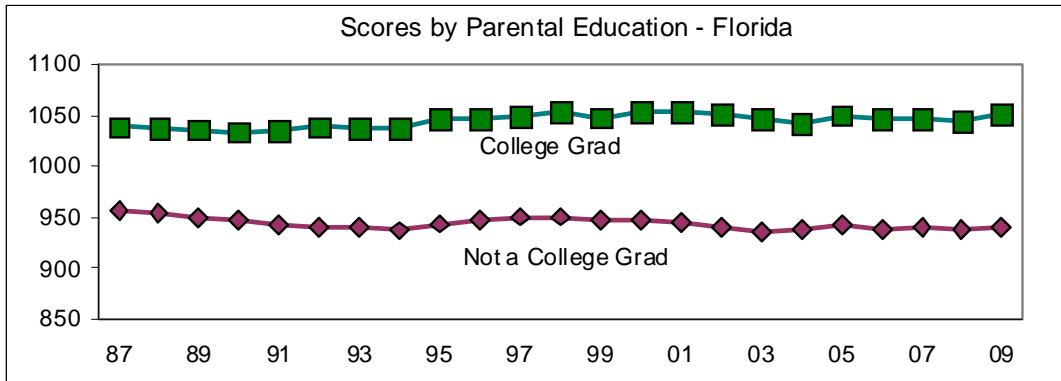


SAT Scores By Level of Parental Education - 2009

	Florida			U.S.		
	Reading	Math	Total	Reading	Math	Total
No High School	431	433	864	420	443	863
H.S. Diploma	470	470	940	464	474	938
Assoc. Degree	488	488	976	482	491	973
Bach. Degree	515	515	1030	521	535	1056
Grad. Degree	540	540	1080	559	572	1131

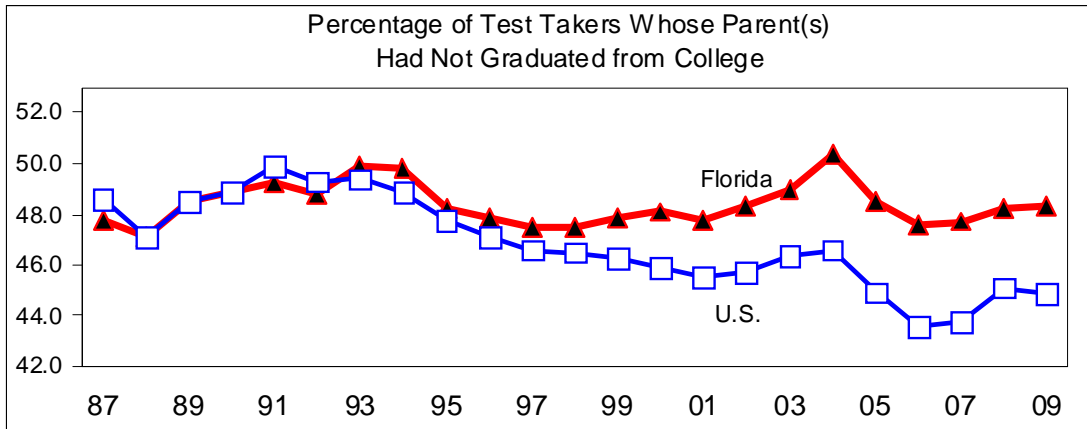
Trends in Scores by Level of Parental Education - Florida

	1987	1990	1993	1996	1999	2002	2005	2008	2009
Did Not Graduate from College	957	947	941	947	948	941	942	938	941
Graduated from College	1039	1034	1037	1046	1048	1051	1050	1045	1051



Percentage of Test Takers Whose Parent(s) Had Not Graduated from College - Florida and the U.S.

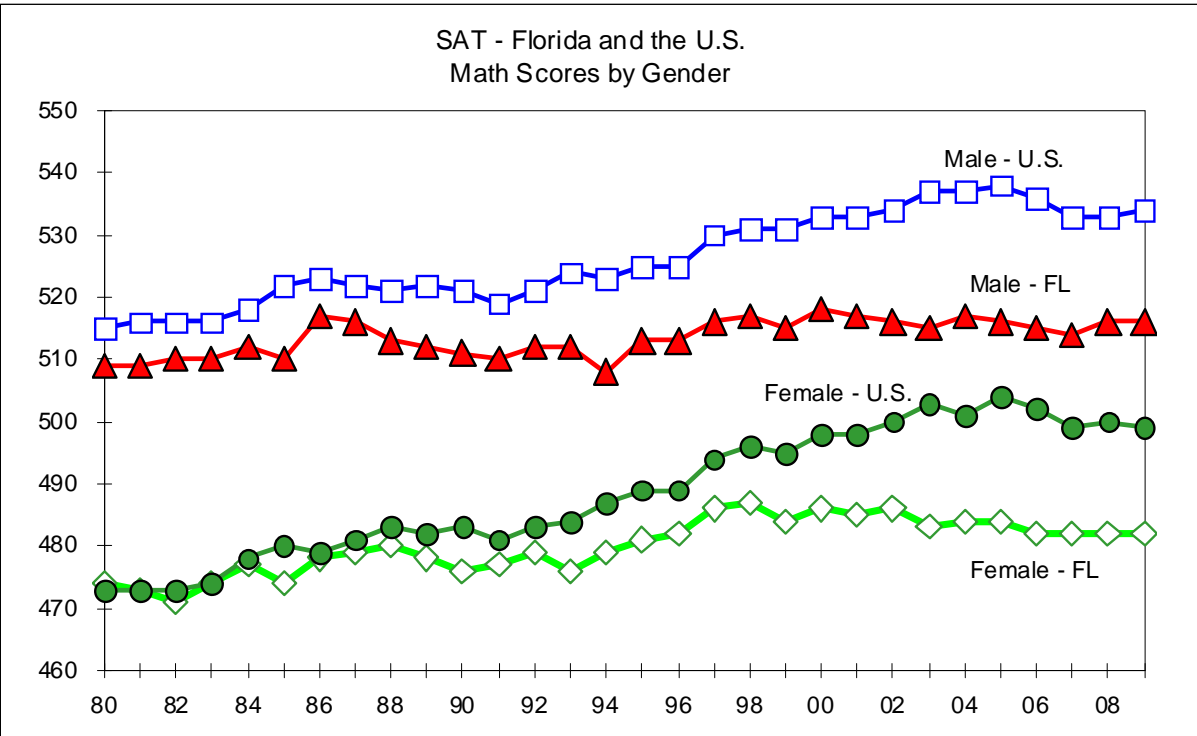
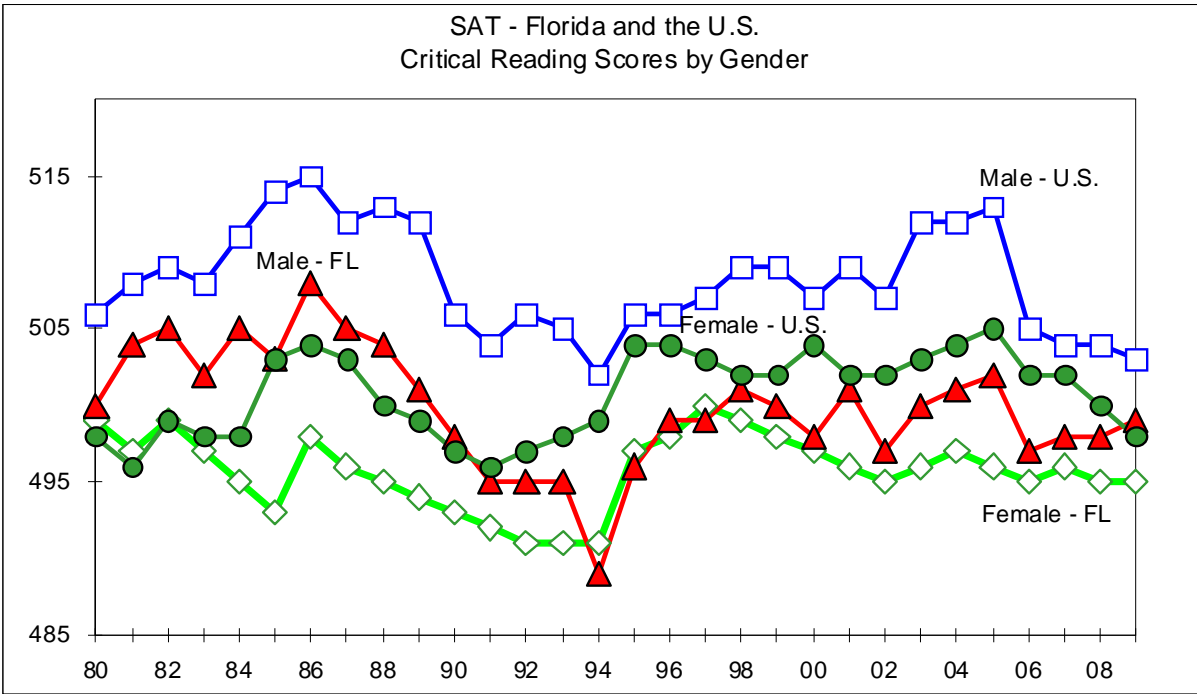
	1987	1990	1993	1996	1999	2002	2005	2007	2008	2009
Florida	47.8	48.9	49.9	47.9	47.9	48.3	48.5	47.7	48.2	48.3
U.S.	48.6	48.9	49.4	47.1	47.7	45.7	44.9	43.6	45.1	44.9



SAT Scores by Gender

SAT Scores by Gender
1980 - 2009

FLORIDA	1980	1983	1986	1989	1992	1995	1998	2001	2004	2007	2008	2009
Female												
# of Students	18,362	19,331	21,355	25,185	25,945	27,361	31,702	37,631	47,637	52,992	53,958	54,699
Percentage	51.2	51.8	52.6	53.3	53.4	54.2	54.6	54.3	54.6	54.6	54.8	54.6
Reading	499	497	498	494	491	497	499	496	497	496	495	495
Math	474	474	478	478	479	481	487	485	484	482	482	482
Total Score	973	971	976	972	970	978	986	981	981	978	977	977
Writing										486	488	487
Male												
# of Students	17,467	17,976	19,269	22,089	22,625	23,109	26,338	31,732	39,653	44,097	44,521	45,480
Percentage	48.8	48.2	47.4	46.7	46.6	45.8	45.4	45.7	45.4	45.4	45.2	45.4
Reading	500	502	508	501	495	496	501	501	501	497	498	499
Math	509	510	517	512	512	513	517	517	517	515	516	516
Total Score	1009	1012	1025	1013	1007	1009	1018	1018	1018	1012	1014	1015
Writing										472	472	472
Differences between females and males (Positive values: Males are higher than females)												
Reading	1	5	10	7	4	-1	2	5	4	1	3	4
Math	35	36	39	34	33	32	30	32	33	33	34	34
Total Score	36	41	49	41	37	31	32	37	37	34	37	38
Writing										-14	-16	-15
U.S.												
Female												
Percentage	51.7	51.7	51.9	52.1	52.4	53.7	53.8	53.8	53.6	53.5	53.6	53.6
Reading	498	498	504	499	497	504	502	502	504	502	500	500
Math	473	474	479	482	483	489	496	498	501	499	500	500
Total Score	971	972	983	981	980	993	998	1000	1005	1001	1000	1000
Writing										500	501	501
Male												
Percentage	48.3	48.3	48.3	47.9	47.6	46.3	46.2	46.2	46.4	46.5	46.4	46.4
Reading	506	508	515	512	506	506	509	509	512	505	504	504
Math	515	516	523	522	521	525	531	533	537	536	533	533
Total Score	1021	1024	1038	1034	1027	1031	1040	1042	1049	1041	1037	1037
Writing										489	488	488
Difference between females and males (Positive value: Males are higher than females)												
Reading	8	10	11	13	9	2	7	7	8	3	4	4
Math	42	42	44	40	38	36	35	35	36	37	33	33
Total Score	50	52	55	53	47	38	42	42	44	40	37	37
Writing										-11	-13	-13
SCORE DIFFERENCE BETWEEN U.S. AND FLORIDA (Positive values: U.S. is higher than Florida)												
Female												
Reading	-1	1	6	5	6	7	3	6	7	6	5	5
Math	-1	0	1	4	4	8	9	13	17	17	18	18
Total Score	-2	1	7	9	10	15	12	19	24	23	23	23
Writing										14	13	14
Male												
Reading	6	6	7	11	11	10	8	8	11	8	6	5
Math	6	6	6	10	9	12	14	16	20	21	17	17
Total Score	12	12	13	21	20	22	22	24	31	29	23	22
Writing										17	16	16



Florida SAT Scores by Gender and Racial/Ethnic Groups

	Male				Female				% Female	Score Difference (Male-Female)		
	Number	Reading	Math	Total	Number	Reading	Math	Total		Reading	Math	Total
1992												
White	14,284	516	532	1048	16,805	509	495	1004	53.1	7	37	44
African-American	2,442	414	426	840	3,154	426	418	844	56.4	-12	8	-4
Hispanic	2,771	480	496	976	3,328	468	457	925	54.6	12	39	51
Asian	951	498	551	1049	1,021	493	512	1005	51.8	5	39	44
Total*	22,625	495	512	1007	25,945	491	479	970	53.4	4	33	37
1996												
White	13,575	524	535	1059	16,527	519	501	1020	54.9	5	34	39
African-American	2,727	419	430	849	3,732	436	421	857	57.8	-17	9	-8
Hispanic	3,244	482	493	975	4,184	477	461	938	56.3	5	32	37
Asian	1,051	504	561	1065	1,138	499	524	1023	52.0	5	37	42
Total*	23,234	499	513	1012	27,745	498	482	980	54.4	1	31	32
2000												
White	15,374	524	542	1066	19,346	520	507	1027	55.7	4	35	39
African-American	3,324	424	432	856	4,910	437	423	860	59.6	-13	9	-4
Hispanic	3,891	484	501	985	5,417	478	466	944	58.2	6	35	41
Asian	1,218	502	564	1066	1,481	500	532	1032	54.9	2	32	34
Total*	30,412	499	518	1017	36,854	497	486	983	54.8	2	32	34
2004												
White	18,687	522	536	1058	22,175	517	501	1018	54.3	5	35	40
African-American	4,589	422	434	856	6,301	434	421	855	57.9	-12	13	1
Hispanic	5,888	484	494	978	7,716	475	459	934	56.7	9	35	44
Asian	1,542	502	553	1055	1,560	501	525	1026	50.3	1	28	29
Total*	39,653	501	517	1018	47,637	497	484	981	54.6	4	33	37
2008												
White	23,461	523	542	1065	27,196	521	508	1029	53.7	2	34	36
African-American	5,843	427	435	862	8,008	439	421	860	57.8	-12	14	2
Hispanic	9,783	482	496	978	12,713	474	458	932	56.5	8	38	46
Asian	2,058	511	563	1074	2,208	509	533	1042	51.8	2	30	32
Total*	44,521	498	516	1014	53,958	495	482	977	54.8	3	34	37
2009												
White	23,683	524	543	1067	27,196	521	508	1029	53.5	3	35	38
African-American	6,489	430	437	867	8,008	439	421	860	55.2	-9	16	7
Hispanic	10,457	484	497	981	13,217	477	461	938	55.8	7	36	43
Asian	2,152	511	566	1077	2,297	519	541	1060	51.6	-8	25	17
Total*	45,480	499	516	1015	54,699	495	482	977	54.6	4	34	38

*Total includes other racial-ethnic groups and students who did not indicate their race-ethnicity.

Department of Education
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