

**STAMFORD PUBLIC SCHOOLS SAT REASONING (SAT) TEST RESULTS**  
**Class of 2008**

**HIGHLIGHTS**

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1. A total of 745 students (68.3%) of the Stamford Public Schools (SPS) Class of 2008 participated in the SAT Reasoning (SAT) testing program of the College Board.

**Table 1.**  
**SAT I Participation Rate for the**  
**Classes of 2004-2008 in Stamford Public Schools**

<b>Class of</b>	<b>Participation Rate</b>
2004	69.0%
2005	68.3%
2006	69.0%
2007	72.4%
2008	68.3%

2. SPS students demonstrated substantial increases in scores on the SAT Critical Reading, Math and Writing exams, all of which outpaced the State and Nation:
  - a. The mean Critical Reading score for the SPS Class of 2008 reached 484, an 11 point increase from the Class of 2007, which represents the greatest increase among SPS students in four years. Statewide and nationwide, there was no comparable increase from 2007 to 2008. The SPS Class of 2008 averaged 25 points below the State mean of 509 and 18 points below the national average of 502 in Critical Reading.

**Table 2a.**  
**SAT Critical Reading Mean Scores, 2004-2008**  
**Stamford Public Schools, Connecticut, Nation**

<b>Group</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>1-Year Change, 2007 to 2008</b>	<b>5-Year Change</b>
SPS	487	487	478	473	484	+11	-3
Connecticut	515	517	512	510	509	-1	-6
Nation	508	508	503	502	502	0	-6

- b. The mean Math score for the SPS Class of 2008 reached 490, also an 11 point increase from the Class of 2007, which represents the greatest increase among SPS students in four years. Statewide and nationwide, there was no comparable increase from 2007 to 2008. The SPS Class of 2008 averaged 23 points below the State mean of 513 and 25 points below the national average of 515 in Math.

**Table 2b.**  
**SAT Math Mean Scores, 2004-2008**  
**Stamford Public Schools, Connecticut, Nation**

<b>Group</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>1-Year Change, 2007 to 2008</b>	<b>5-Year Change</b>
SPS	494	489	481	479	490	+11	-4
Connecticut	515	517	516	512	513	+1	-2
Nation	518	520	518	515	515	0	-3

- c. The mean Writing score for the SPS Class of 2008 reached 492, a 12 point increase from the Class of 2007, which represents the greatest increase among SPS students since writing was added to the SAT in 2006. The SPS Class of 2008 scored 21 points below the State mean of 513 and two points below the national average of 494 in Writing.

**Table 2c.**  
**SAT Writing Mean Scores, 2006-2008**  
**Stamford Public Schools, Connecticut, Nation**

<b>Group</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>1-Year Change, 2007 to 2008</b>
SPS	480	480	492	+12
Connecticut	511	511	513	+2
Nation	497	494	494	0

3. SAT results for the Class of 2008 continue to show lower mean scores for Hispanic and Black students in Critical Reading, Math and Writing. The SAT scores for these students trail those of their peers in Connecticut and the nation.
4. The demographic profile of Class of 2008 SAT participants in SPS varies somewhat from Connecticut and the nation:
- a. 14% of SPS test takers' first language was not English, compared to 6% statewide and 9% nationally;
  - b. Approximately 18% of SPS test takers were Black, compared to 9% statewide and 12% nationally, and 18% of SPS test takers were Hispanic, compared to 8% statewide and 13% nationally;

**Table 4b.**  
**SAT Participation by Self-Reported Subgroup, 2008**  
**Stamford Public Schools, Connecticut, Nation**

	<b>SPS</b>		<b>CT</b>		<b>Nation</b>	
	<b>N</b>	<b>% of Test Takers</b>	<b>N</b>	<b>% of Test Takers</b>	<b>N</b>	<b>% of Test Takers</b>
American Indian	2	0.3%	148	0.4%	9,595	0.6%
Asian	42	5.6%	1,540	4.3%	151,235	10.0%
Black	133	17.9%	3,224	8.9%	174,383	11.5%
Hispanic	131	17.6%	2,874	8.0%	190,203	12.5%
White	379	50.9%	25,290	70.1%	858,561	56.5%
Other	25	3.4%	966	2.7%	52,016	3.4%
No Response	33	4.4%	2,043	5.7%	82,866	5.5%
<b>TOTAL</b>	<b>745</b>	<b>100.0%</b>	<b>36,085</b>	<b>100.0%</b>	<b>1,518,859</b>	<b>100.0%</b>

- c. 50% of SPS test takers come from families in which parents have a college or graduate degree, compared to 57% statewide and 55% nationally.
5. The percent of SPS students who report completing four or more years of math has increased steadily over five years, from 61% for the Class of 2004 to 76% for the Class of 2008. Similarly, the percent of SPS students who report completing four or more years of English and Language Arts has increased steadily over five years, from 82% for the Class

of 2004 to 90% for the Class of 2008. Students also report an increase in completing three or more years of science, from 87% for the Class of 2004 to 92% for the Class of 2008.

6. A total of 22% of the 745 students in the SPS Class of 2008 who participated in the SAT testing program also took one or more of the SAT II subject tests. SPS students outperformed their peers in Connecticut and/or the nation in U.S. History, Math Level I, Math Level II, Ecological Biology, Molecular Biology, Chemistry and Spanish (shaded, below).

**SAT II Subject Test Mean Scores for Class of 2008  
Stamford Public Schools, Connecticut, and Nation**

Subject Test	N Tested	SPS	Connecticut	Nation
		Mean Score	Mean Score	Mean Score
Literature	49	605	616	580
U.S. History	114	640	633	597
World History	4	Not reported	627	584
Math Level I	92	627	616	599
Math Level II	53	700	677	644
Biology (Ecological)	18	643	621	593
Biology (Molecular)	25	653	650	630
Chemistry	36	704	652	635
Physics	6	648	660	650
Chinese with listening	3	Not Reported	737	763
French	2	Not Reported	627	620
French with listening	1	Not Reported	626	624
German	0	Not Reported	591	620
German with listening	0	Not Reported	604	601
Modern Hebrew	0	Not Reported	Not reported	646
Italian	0	Not Reported	662	671
Japanese with listening	0	Not Reported	709	693
Korean with listening	0	Not Reported	780	760
Latin	0	Not Reported	613	624
Spanish	12	687	618	640
Spanish with listening	4	Not reported	605	647

7. By and large, mean scores in Critical Reading, Math and Writing increased at each SPS high school, although participation decreased from 2007 to 2008 at Stamford High School and Westhill High School.

**Critical Reading, Math, and Writing SAT Mean Scores by High School  
Class of 2007 and Class of 2008**

Subject Test	Stamford High				Westhill High				AITE				SPS Total			
	Mean Score		Participation Rate		Mean Score		Participation Rate		Mean Score		Participation Rate		Mean Score		Participation Rate	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
Critical Reading	457	469	79.7%	71.4%	489	499	67.9%	63.5%	463	473	62.1%	86.1%	473	484	72.4%	68.3%
Math	459	479			498	509			473	445			479	490		
Writing	465	480			496	505			457	473			480	492		