GCS SAT Report
2007-08

Presentation for Board of Education

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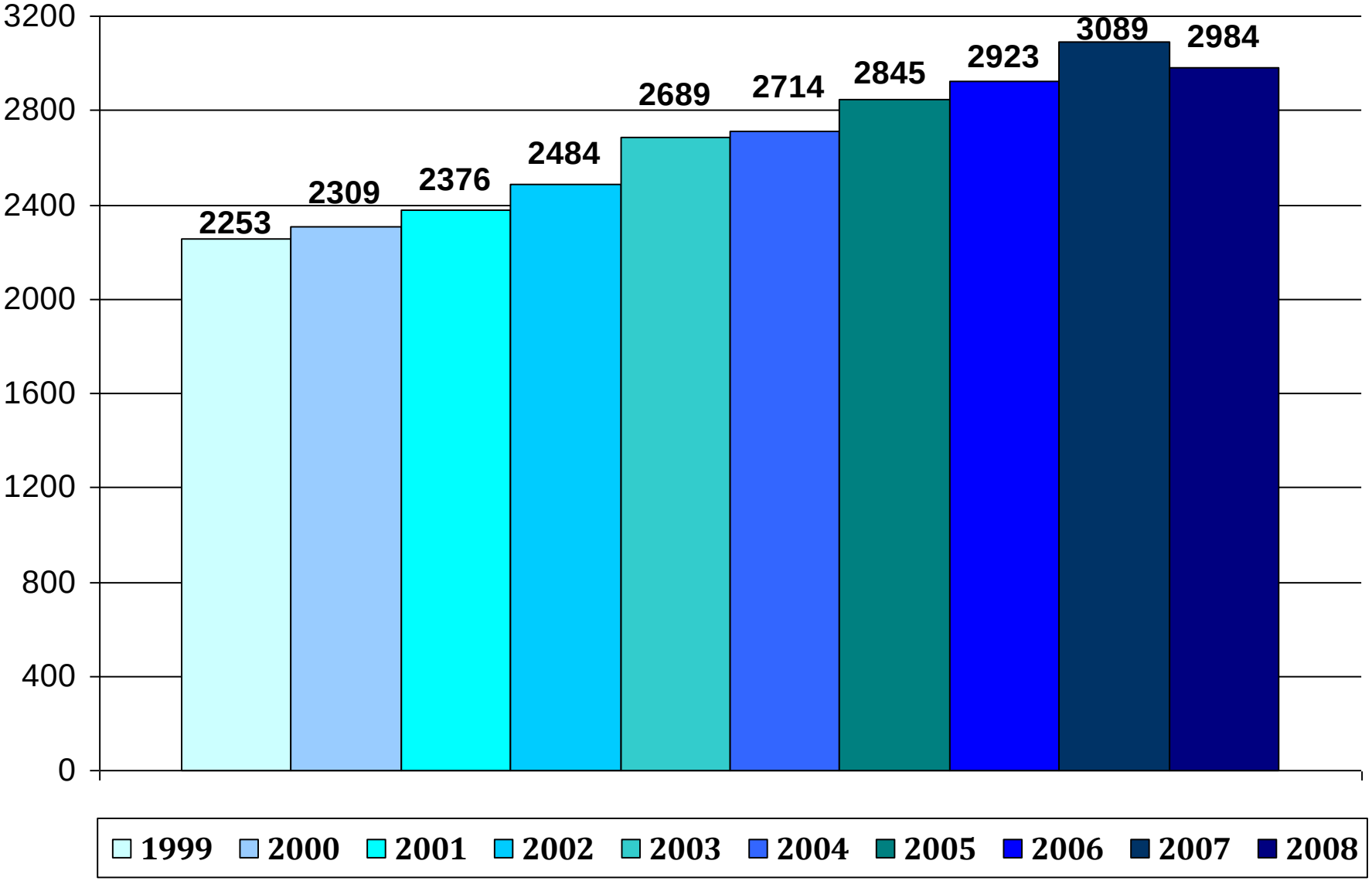
Understanding of SAT
Appropriate Interpretation of Its Score

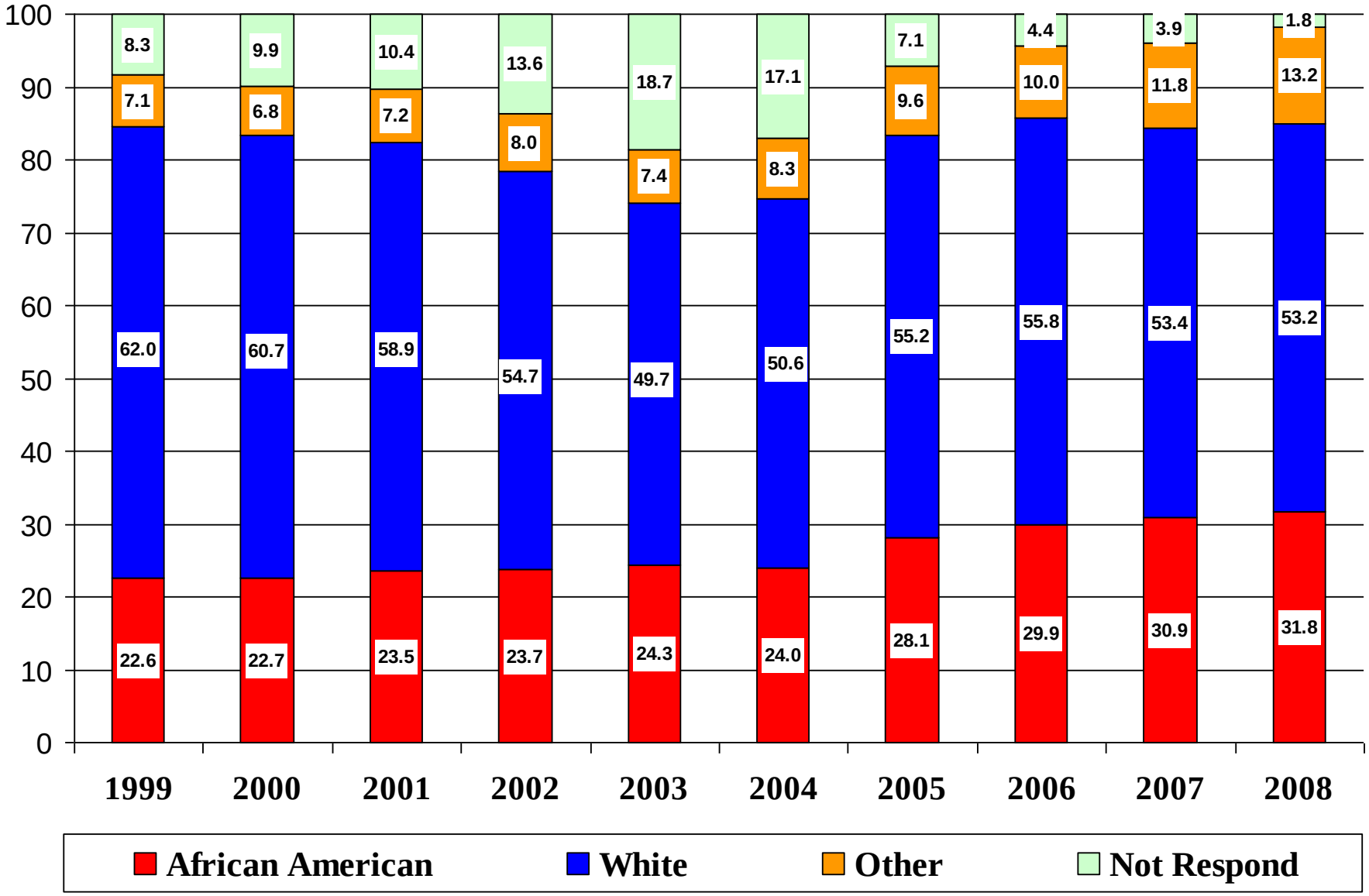
- **SAT assesses broadly applicable intellectual skills and knowledge that develop slowly over time through the individual's experiences both in and out of school.**
- **Relationships between test scores and other factors such as educational background, gender, ethnicity, parental education, and household income are complex and interdependent. These factors do not directly affect test performance, rather, they are associated with educational experiences.**
- **Not all students in a high school or school district take the SAT test. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate schools, districts, states, or other educational units must be very cautious.**
- **Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test.**

Part I
GCS Performance in SAT

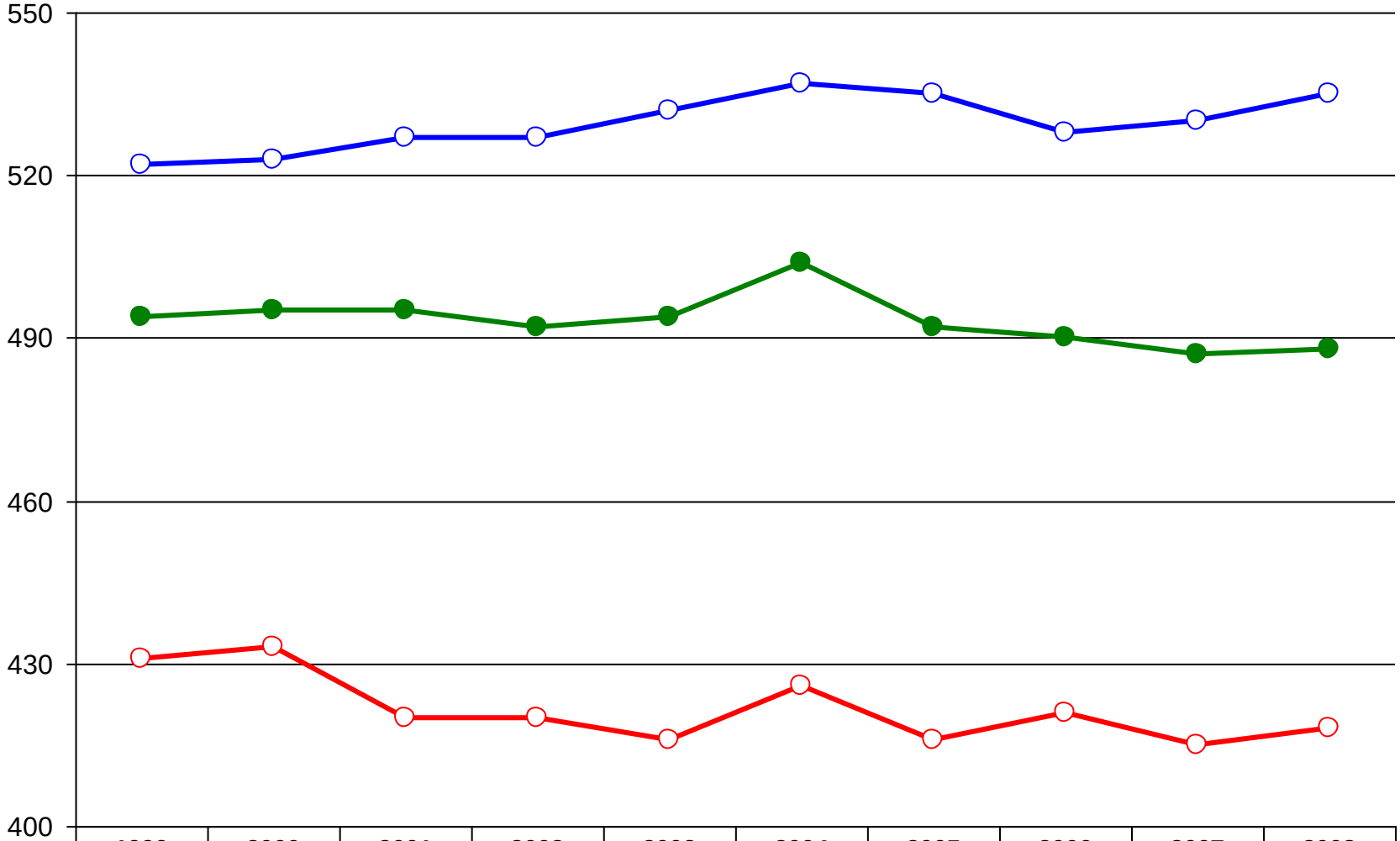
Number of Students Who Took SAT: 1999 to 2008



Percentage of Students among SAT Takers

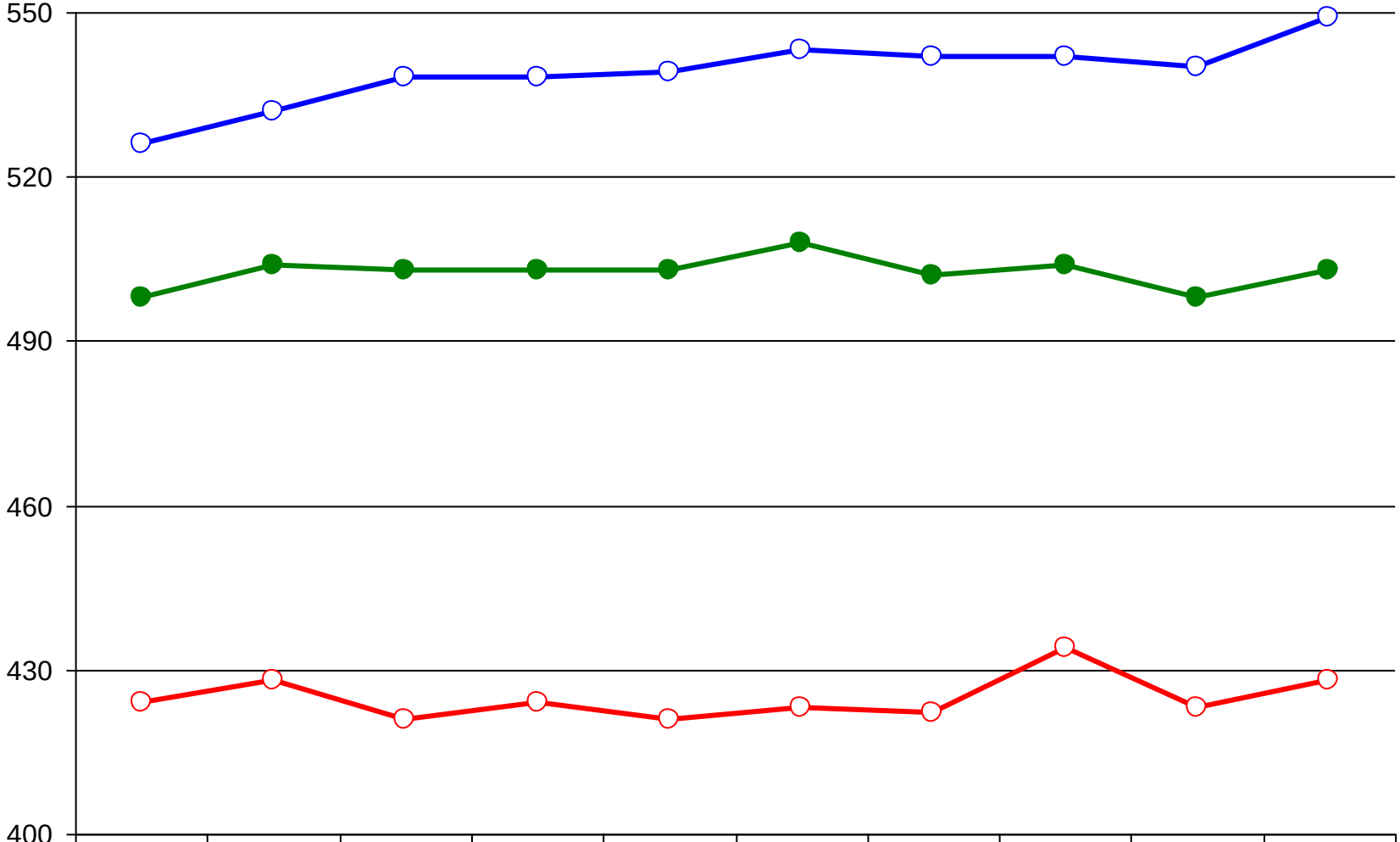


Mean Verbal/Critical Reading Score – 1999 to 2008



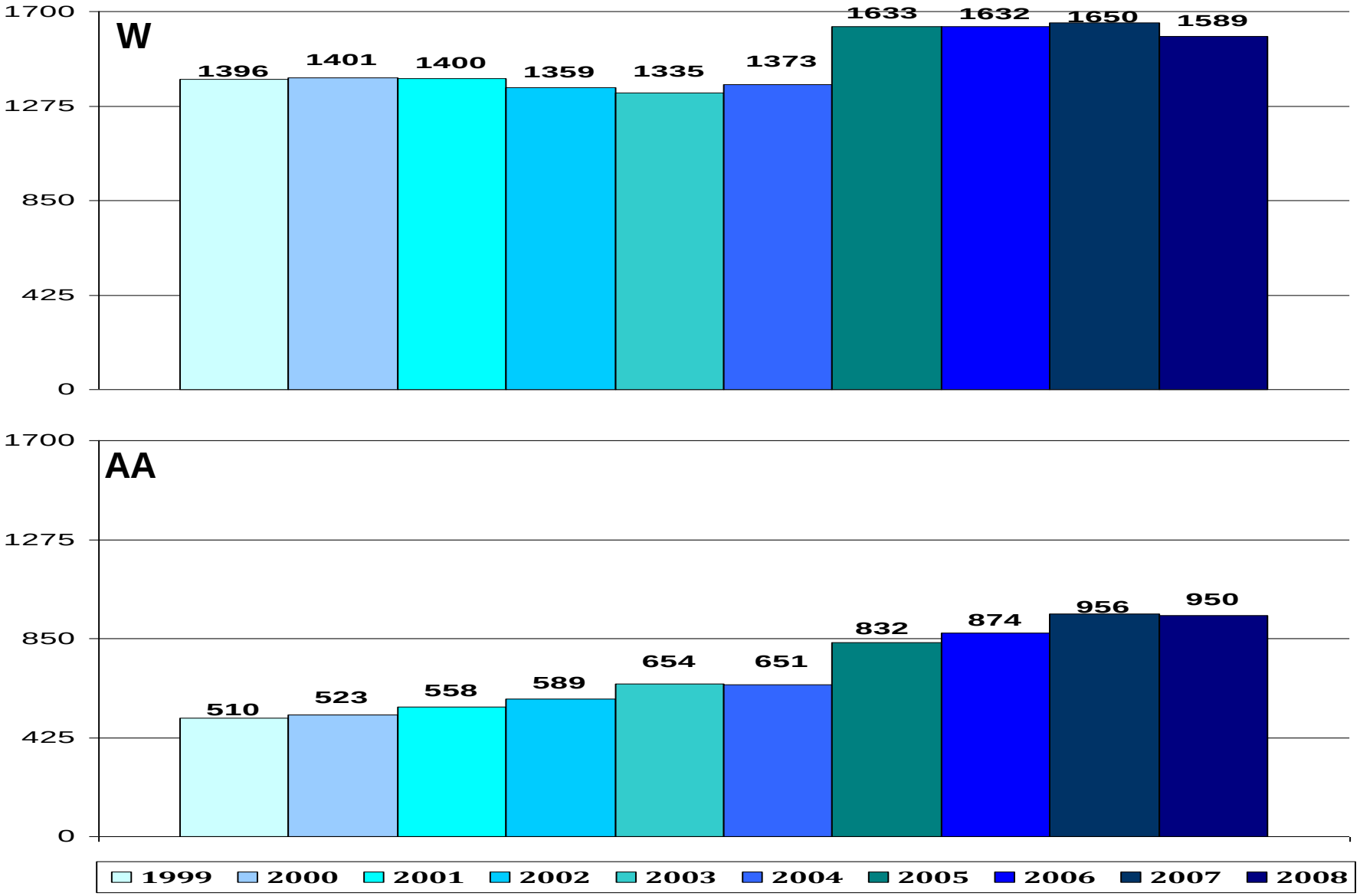
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GCS_W	522	523	527	527	532	537	535	528	530	535
GCS_All	494	495	495	492	494	504	492	490	487	488
GCS_AA	431	433	420	420	416	426	416	421	415	418

Mean Math Score – 1999 to 2008

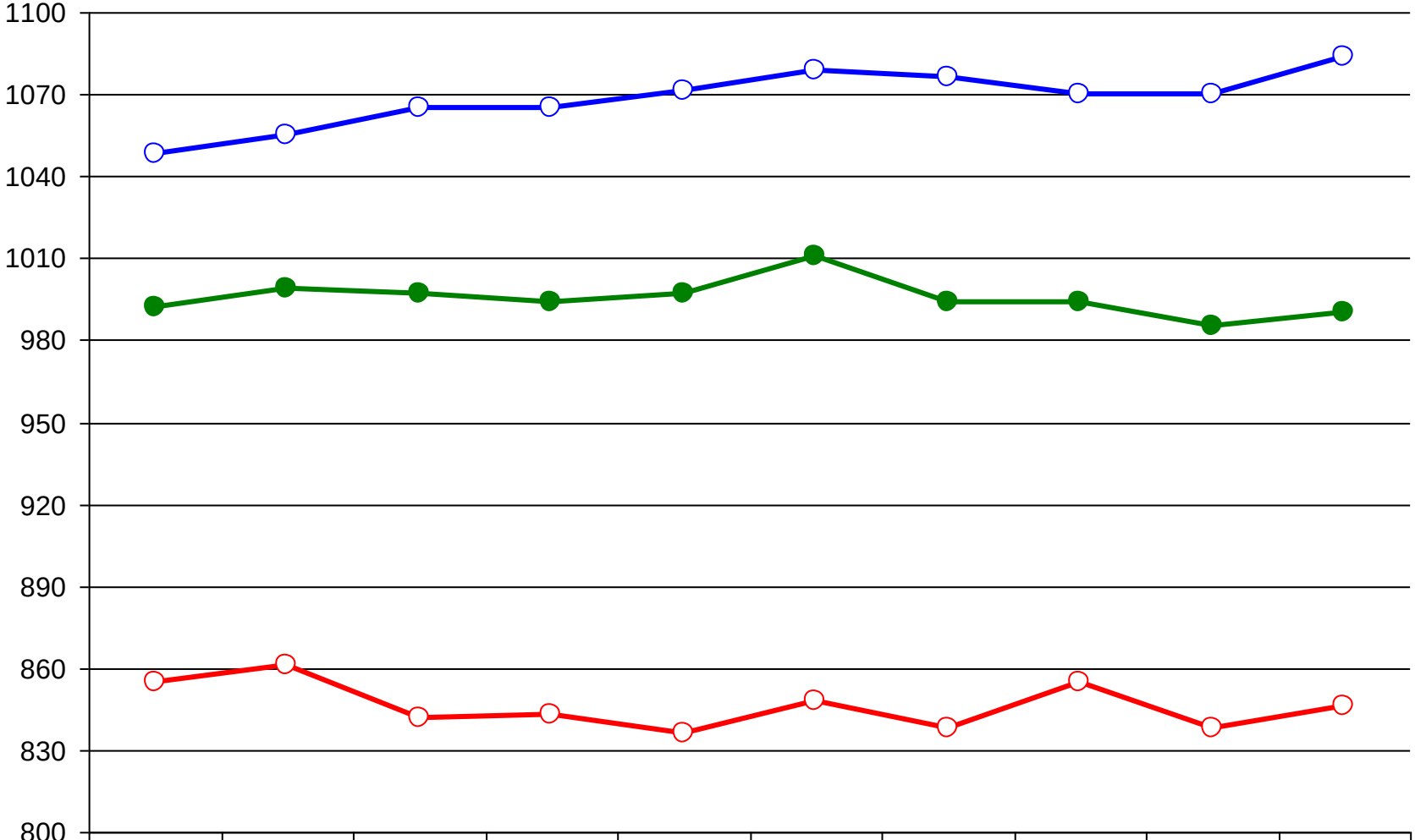


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GCS_W	526	532	538	538	539	543	542	542	540	549
GCS_All	498	504	503	503	503	508	502	504	498	503
GCS_AA	424	428	421	424	421	423	422	434	423	428

Number of Students Took SAT: 1999 to 2008

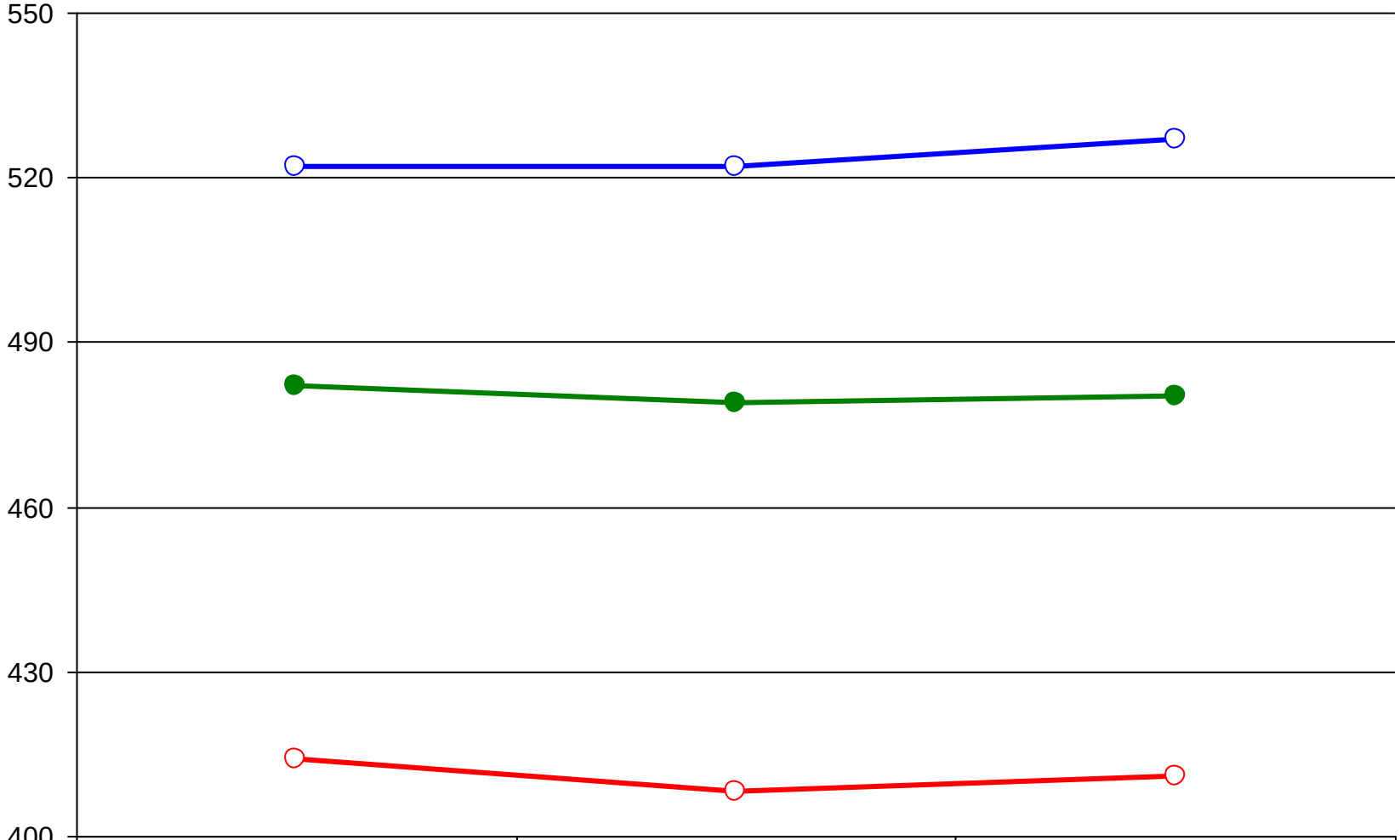


Mean Total (RM) Score – 1999 to 2008



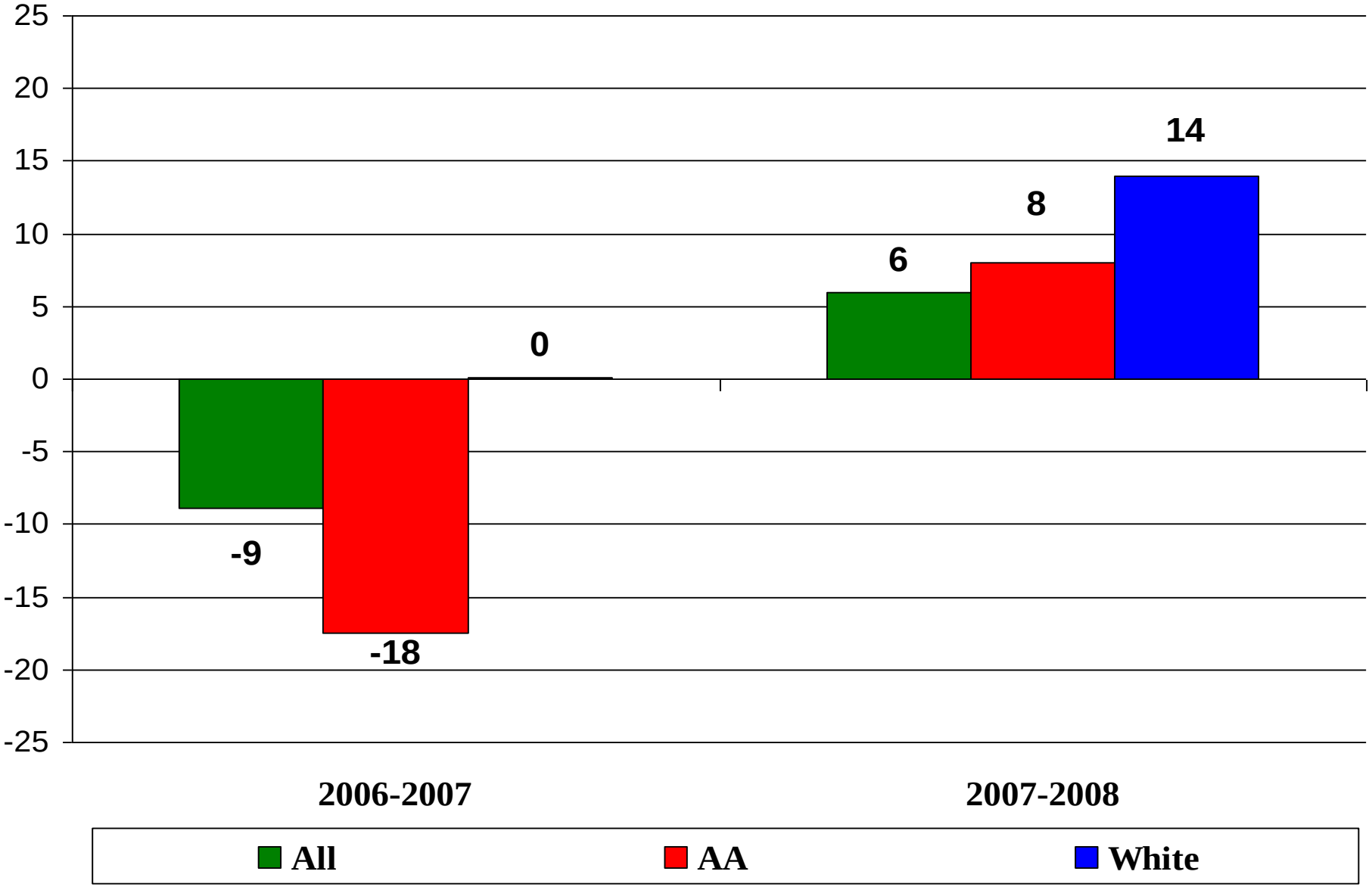
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GCS_W	1048	1055	1065	1065	1071	1079	1076	1070	1070	1084
GCS_All	992	999	997	994	997	1011	994	994	985	990
GCS_AA	855	861	842	843	836	848	838	855	838	846

Mean Writing Score – 2006 to 2008

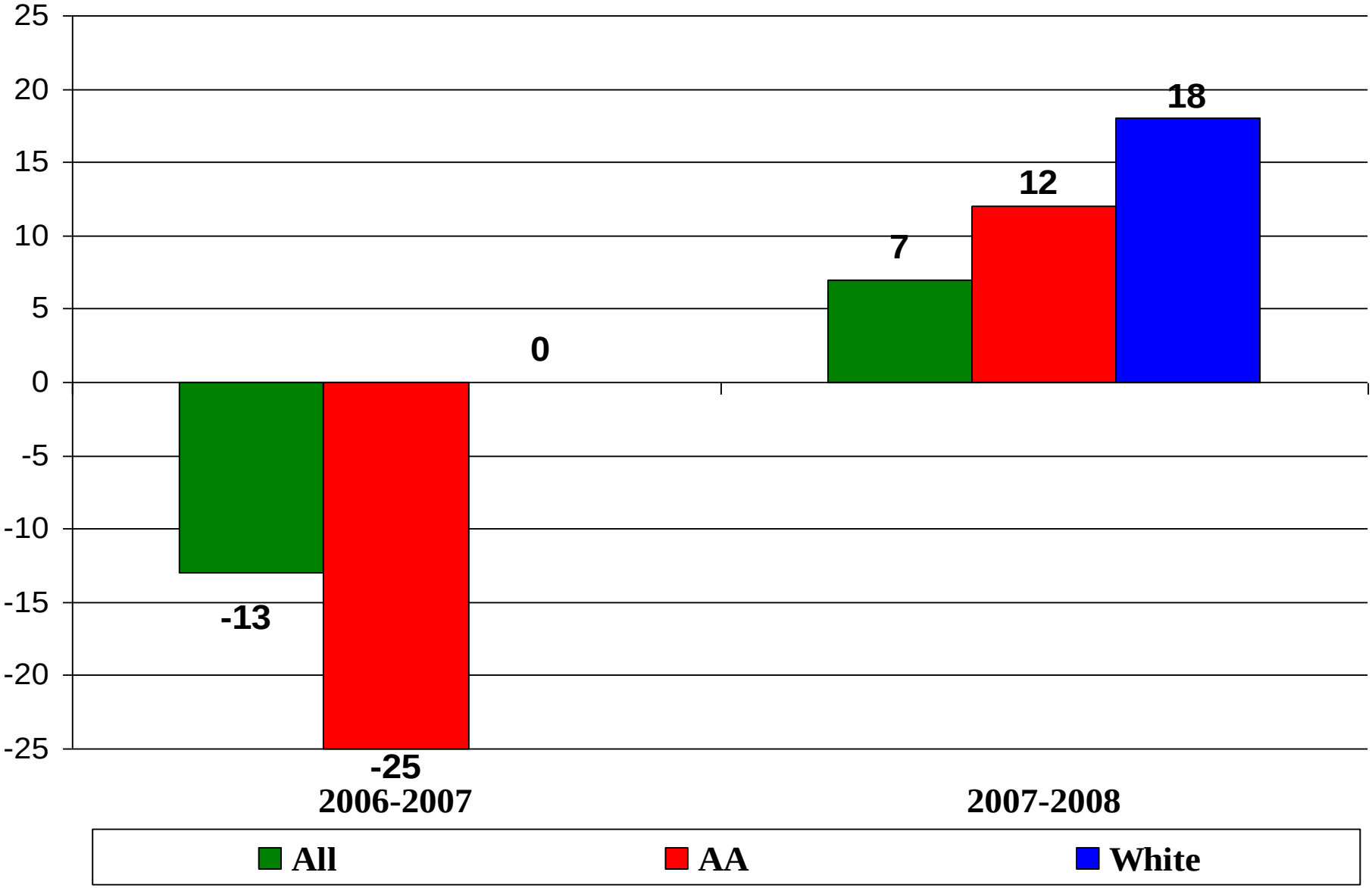


	2006	2007	2008
GCS_W	522	522	527
GCS_All	482	479	480
GCS_AA	414	408	411

Mean Total (RM) Score Gain: 2007 and 2008



Mean Total (RMW) Score Gain: 2007 and 2008



2008 SAT Result

code	school name	Critical Reading				Math				Writing			
		2007	2008			2007	2008			2007	2008		
		score	goal	score	met	score	goal	score	met	score	goal	score	met
319	Andrews H	422	429	433	Y	420	424	436	Y	411	414	422	Y
326	The M C Bennett	405	411	375	N	366	370	399	Y	408	410	365	N
355	Dudley H	424	430	417	N	437	442	438	N	420	422	418	N
358	Eastern H	439	446	460	Y	462	467	473	Y	429	432	442	Y
390	Greensboro M C	509	516	461	N	506	511	460	N	489	492	458	N
394	Grimsley H	548	556	544	N	547	553	557	Y	535	539	539	Y
395	The Early C at Guilford	656	666	640	N	629	635	639	Y	642	645	628	N
399	M C at GTCC Greensbor	433	440	512	Y	413	417	492	Y	415	417	460	Y
401	M C at GTCC Jamestow	465	472	473	Y	476	481	473	N	457	460	441	N
406	H Point Central H	457	463	481	Y	477	481	497	Y	454	457	478	Y
407	HPCH ACD	440	447	422	N	480	485	412	N	420	423	392	N
408	M C at GTCC H Point	446	453	457	Y	465	470	459	N	446	449	414	N
483	M C at NCA&T	375	381	346	N	381	385	335	N	336	338	323	N
484	Northeast H	441	448	449	Y	450	454	459	Y	434	436	431	N
490	Northwest H	543	551	532	N	558	564	558	N	535	538	529	N
508	Page H	483	490	497	Y	491	496	507	Y	477	480	494	Y
529	Ragsdale H	489	497	487	N	513	518	508	N	484	487	487	Y
544	Smith H	392	398	408	Y	412	416	437	Y	390	393	398	Y
545	Smith ACD	427	434	396	N	411	416	416	Y	419	421	387	N
547	Southeast H	483	491	474	N	499	504	490	N	469	472	460	N
556	Southern H	456	463	441	N	468	473	448	N	444	447	429	N
562	Southwest H	483	490	476	N	494	499	494	N	476	479	462	N
589	Weaver Education Cente	582	591	563	N	535	540	545	Y	543	546	530	N
595	Western H	499	506	515	Y	520	525	530	Y	497	500	513	Y

Seven High Schools Met all Three SAT Goals 2008

Andrews High

Eastern High

M C at GTCC Greensboro

High Point Central High

Page High

Smith High

Western High

Six High Schools
Exceeded NC Mean Total (MRW) Score of 1489

The Early College at Guilford

Grimsley High

Weaver Education Center

Northwest High

Western High

Page High

Five High Schools
Exceeded US Mean Total (MRW) Score of 1511

The Early College at Guilford

Grimsley High

Weaver Education Center

Northwest High

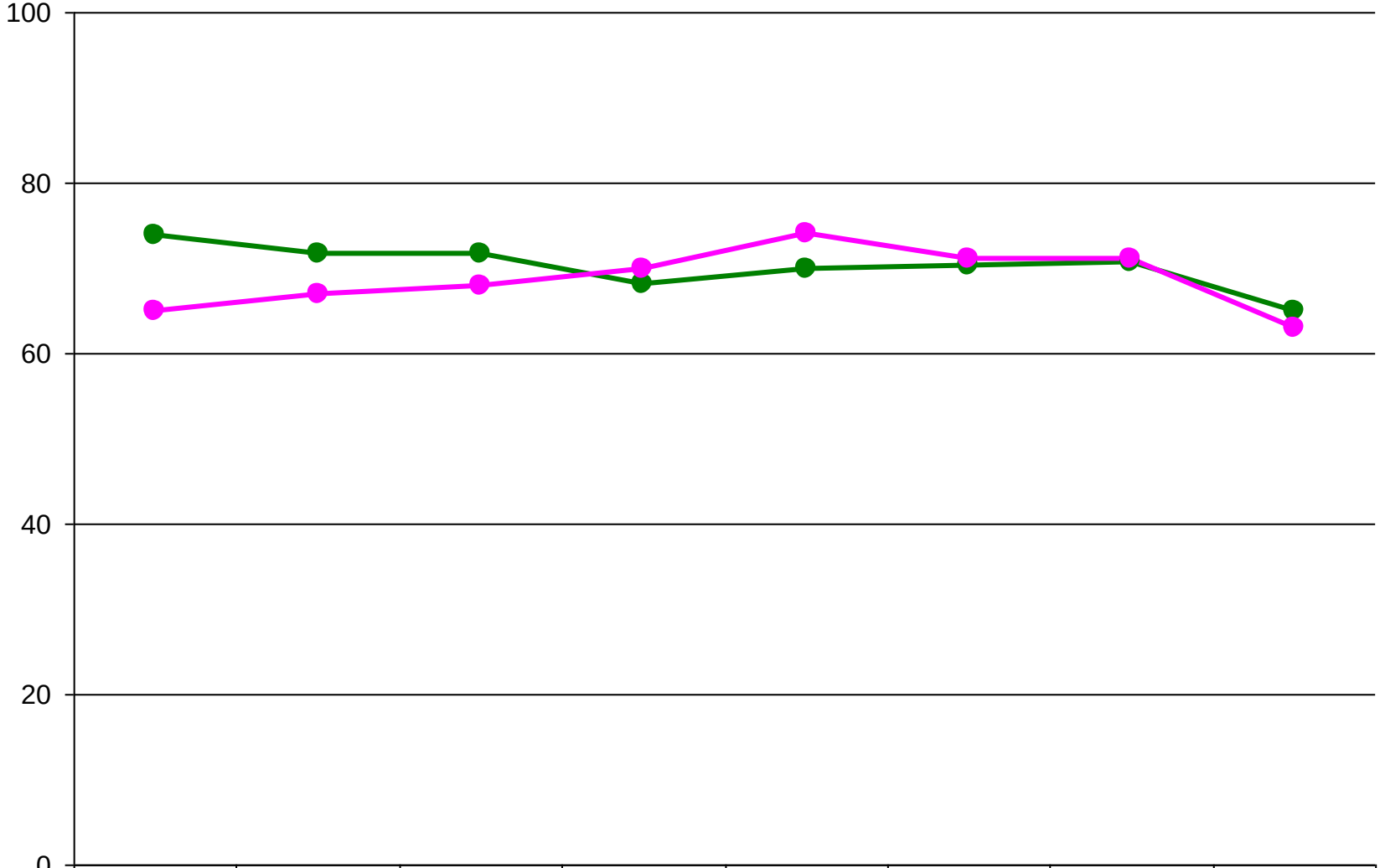
Western High

Schools with Top SAT Performers of the United States 2008
Number of Students

		Top 2% in US: Total (MRW) Score			Perfect Score: 800			
code	School Name	N total	99 percentile	98 percentile	N total	Math	Critical Reading	Writing
	GCS Total	8	2	6	30	9	16	5
394	Grimsley High	3	1	2	10	2	5	3
490	Northwest High	1		1	4	3	1	
595	Western High	1		1	4		2	2
395	The E C at Guilford	1	1		3	1	2	
508	Page High	1		1	3	1	2	
406	H P Central High	1		1	1		1	
319	Andrews High				1	1		
529	Ragsdale High				1	1		
547	Southeast High				1		1	
562	Southwest High				1		1	
589	Weaver EC				1		1	

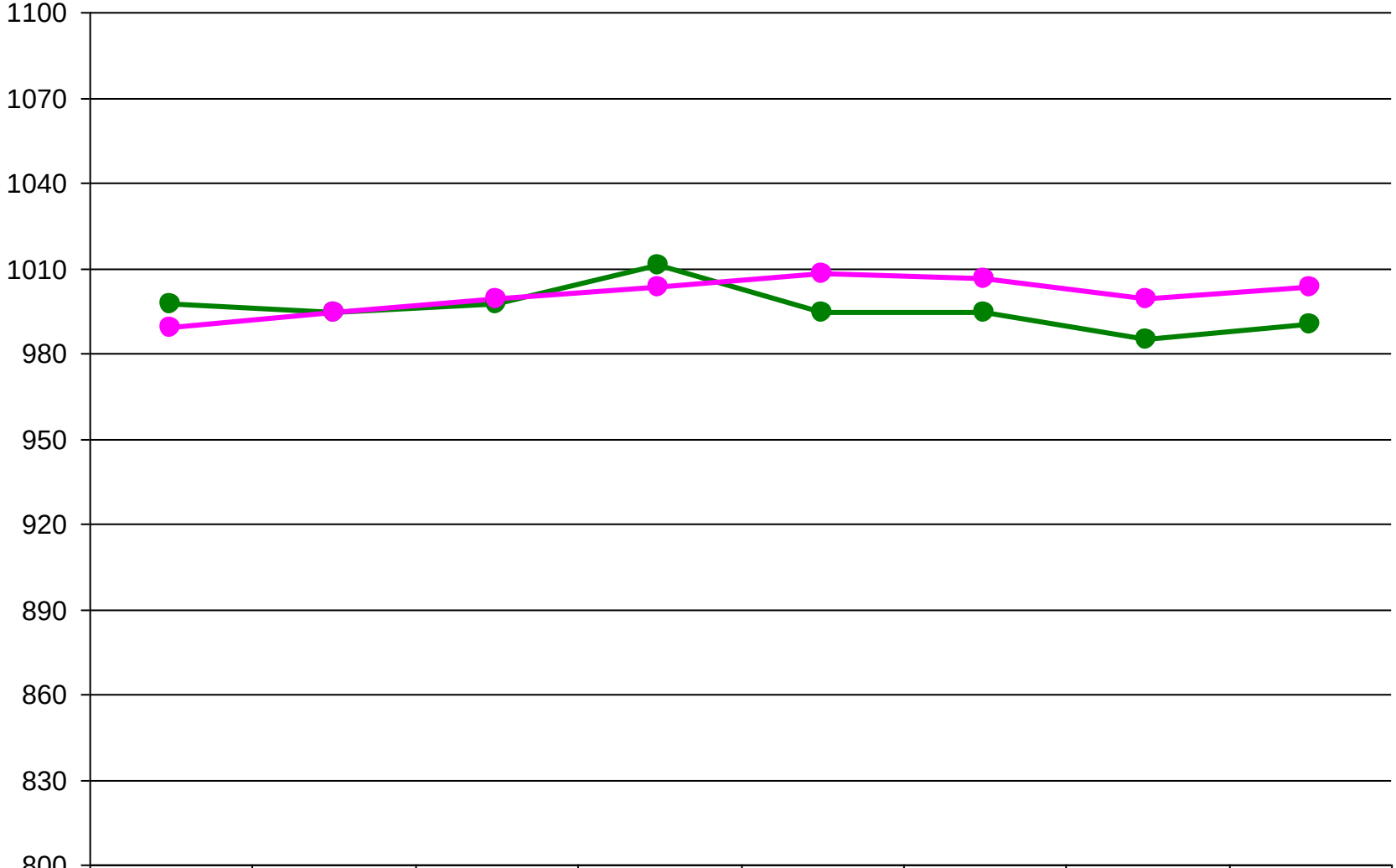
Part II
GCS, NC, and the United States

Percentage of SAT Tested: 2001 to 2008



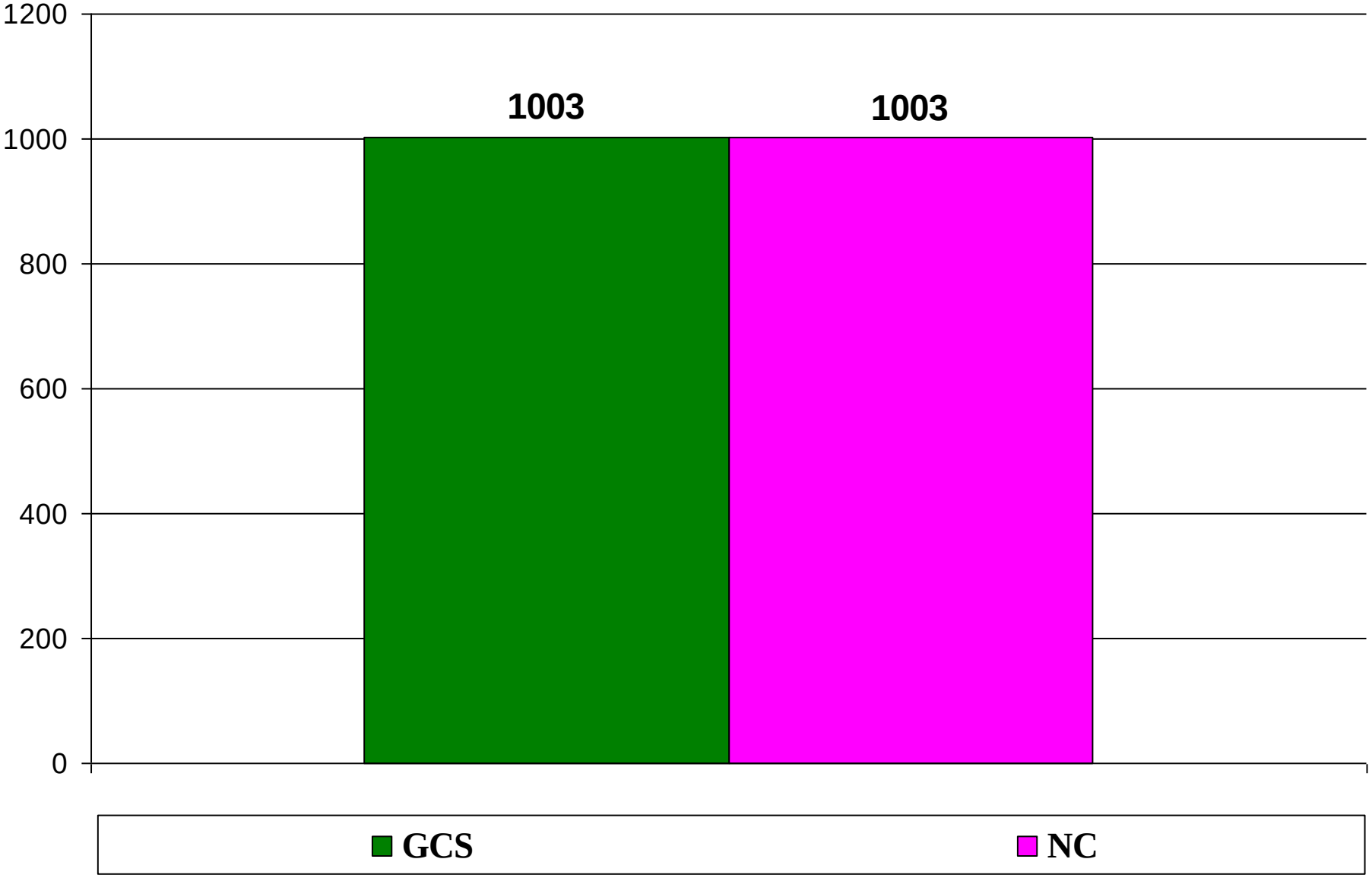
	2001	2002	2003	2004	2005	2006	2007	2008
GCS	73.8	71.6	71.7	68.1	70.0	70.3	70.7	65.0
NC State	65.0	67.0	68.0	70.0	74.0	71.0	71.0	63.0

Mean Total (RM) Score of Public School Students – 2001 to 2008

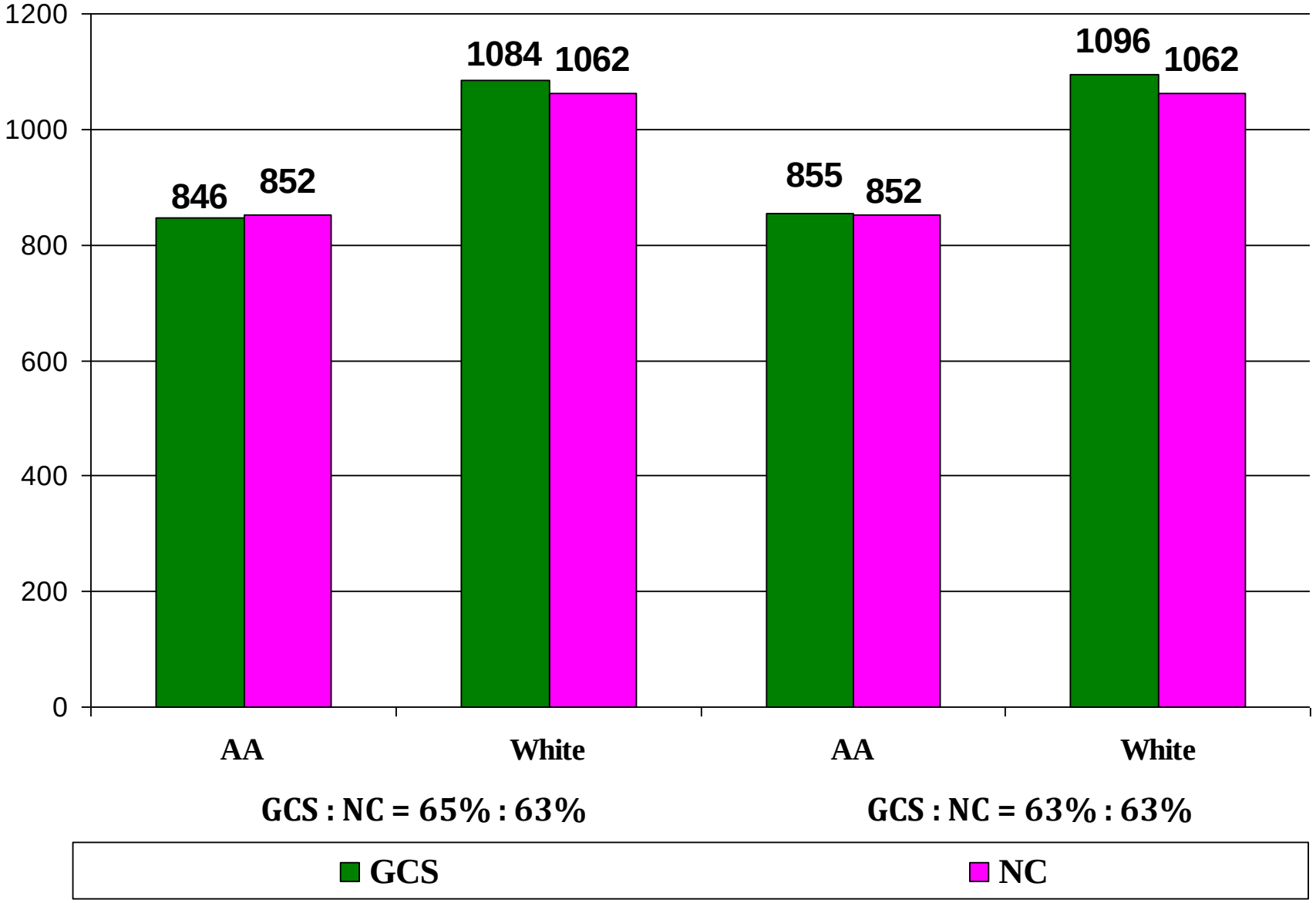


	2001	2002	2003	2004	2005	2006	2007	2008
GCS	997	994	997	1011	994	994	985	990
NC State	989	994	999	1003	1008	1006	999	1003

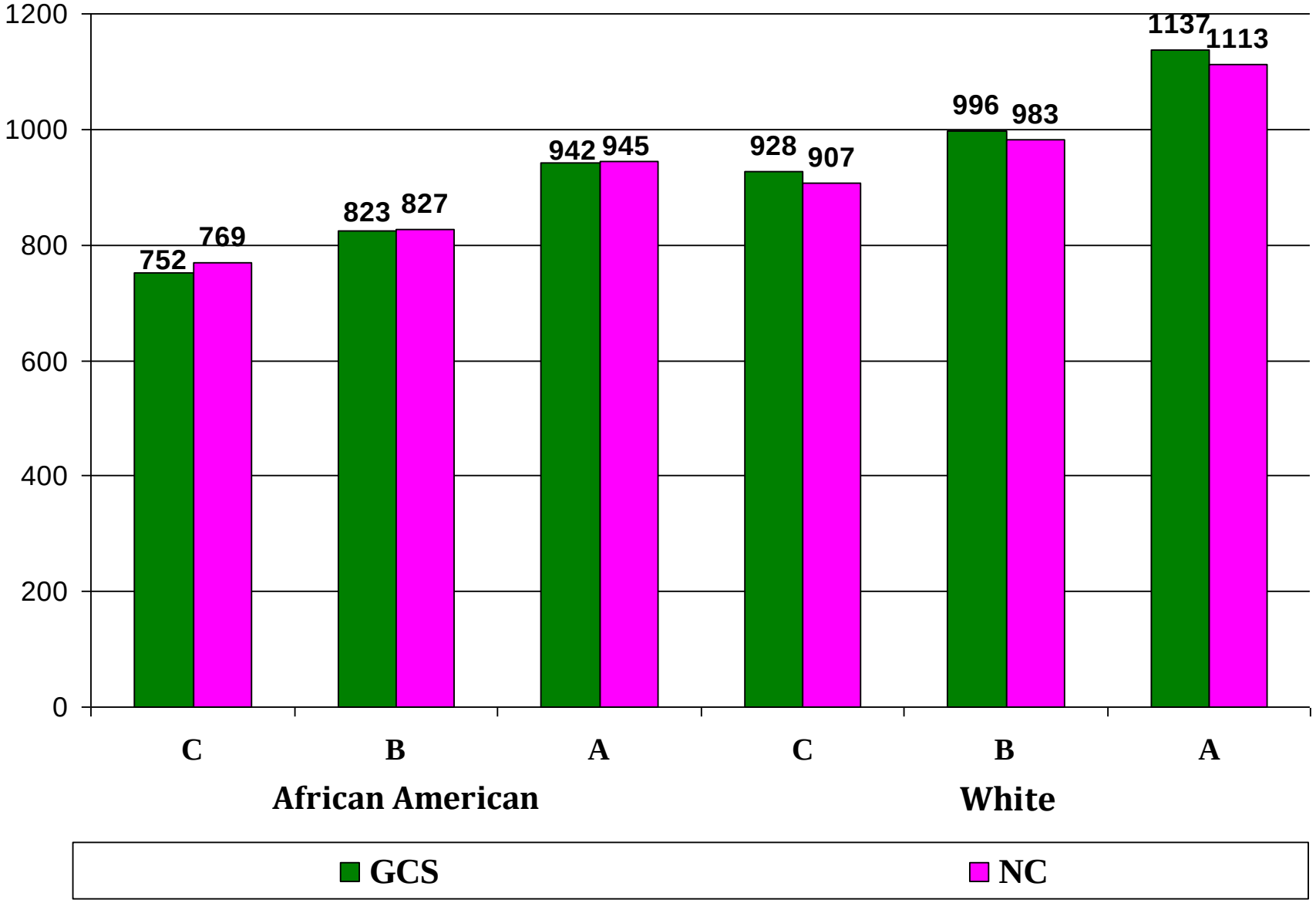
Mean Total (RM) Score: 2008
Percent Test-Taker -- GCS vs. NC = 63.0 : 63.0



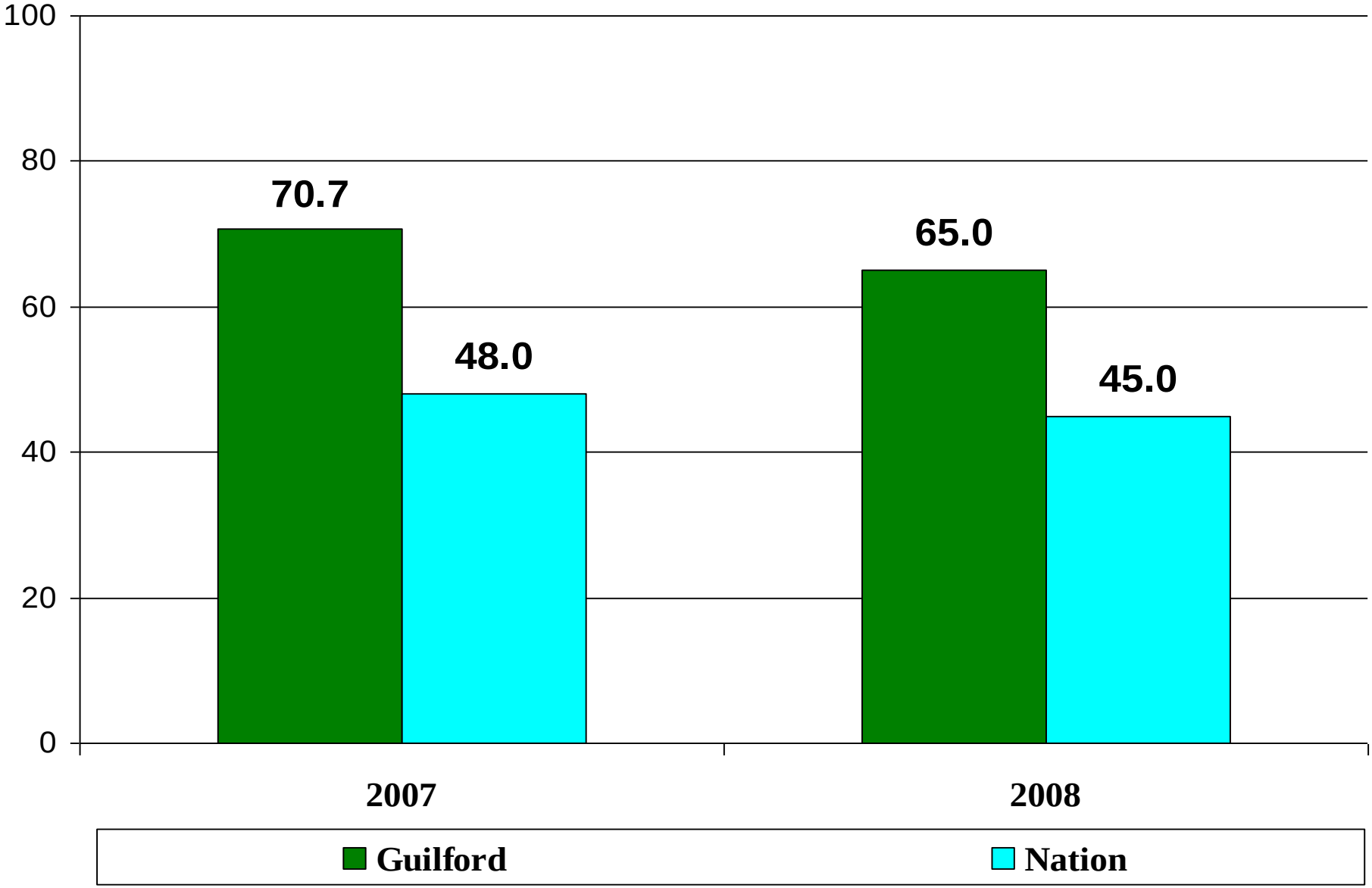
Mean Total (RM) Score



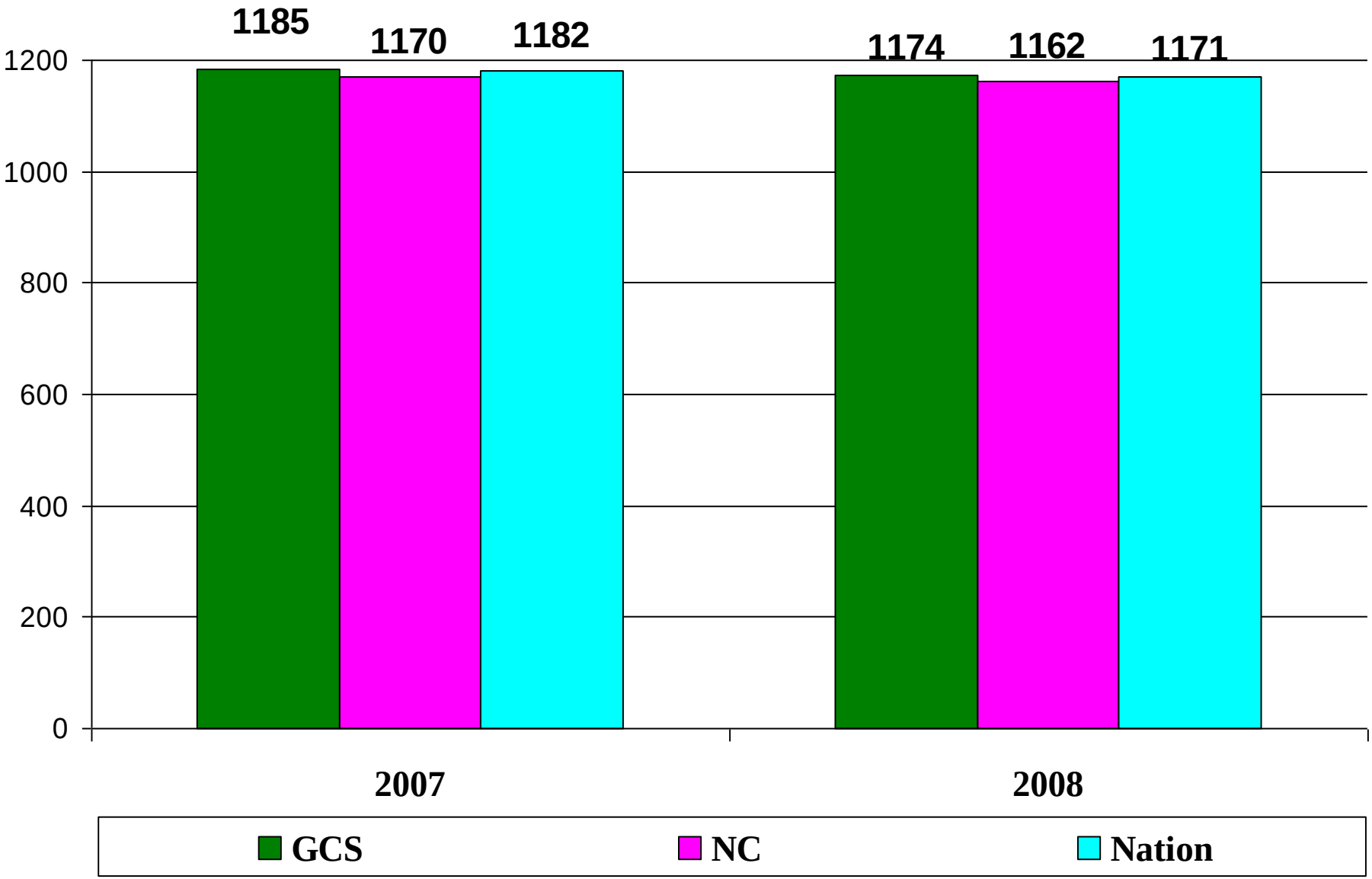
Mean Total (RM) Score by School GPA Grade



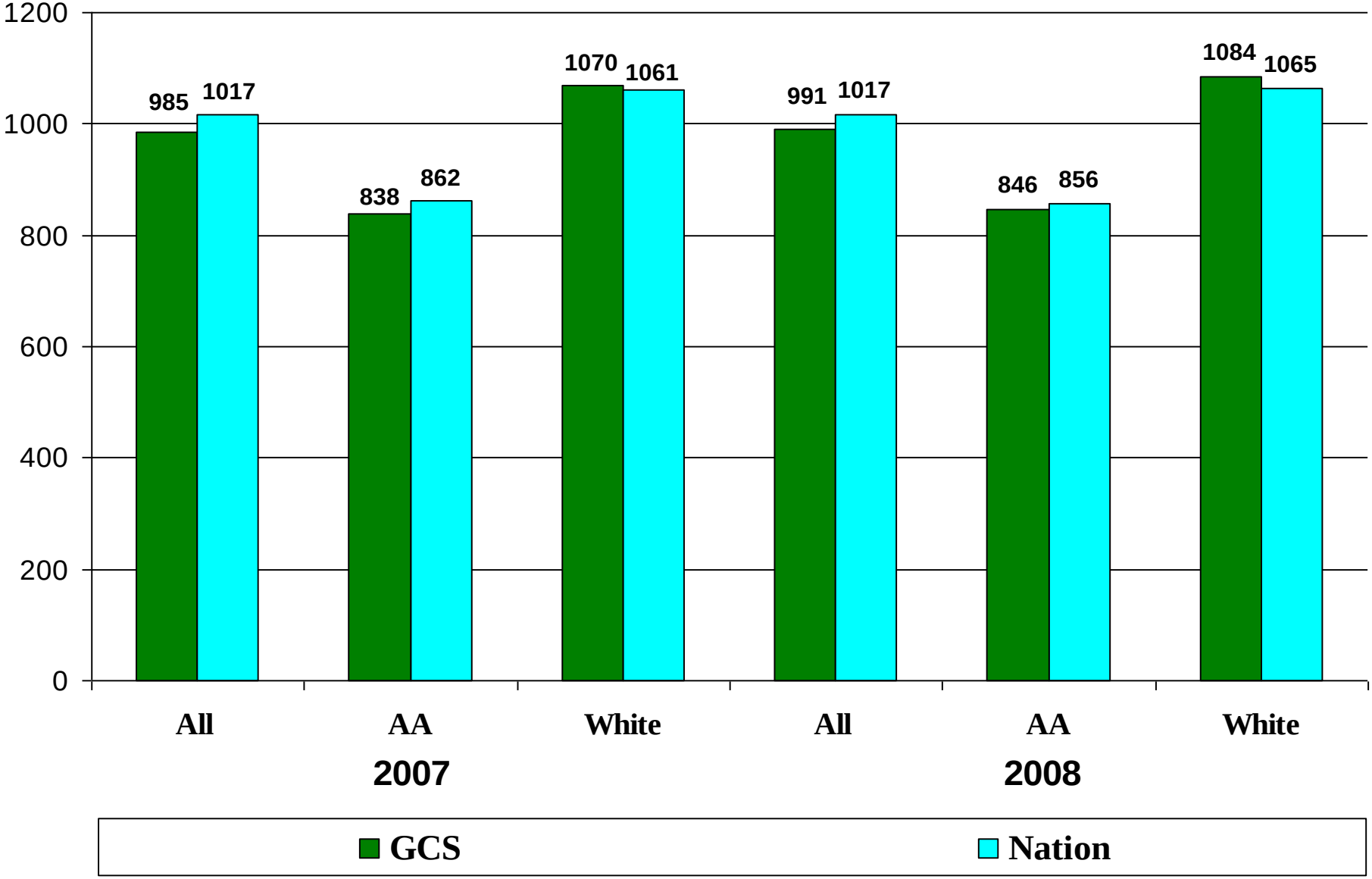
Percentage SAT Tested: 2007 and 2008



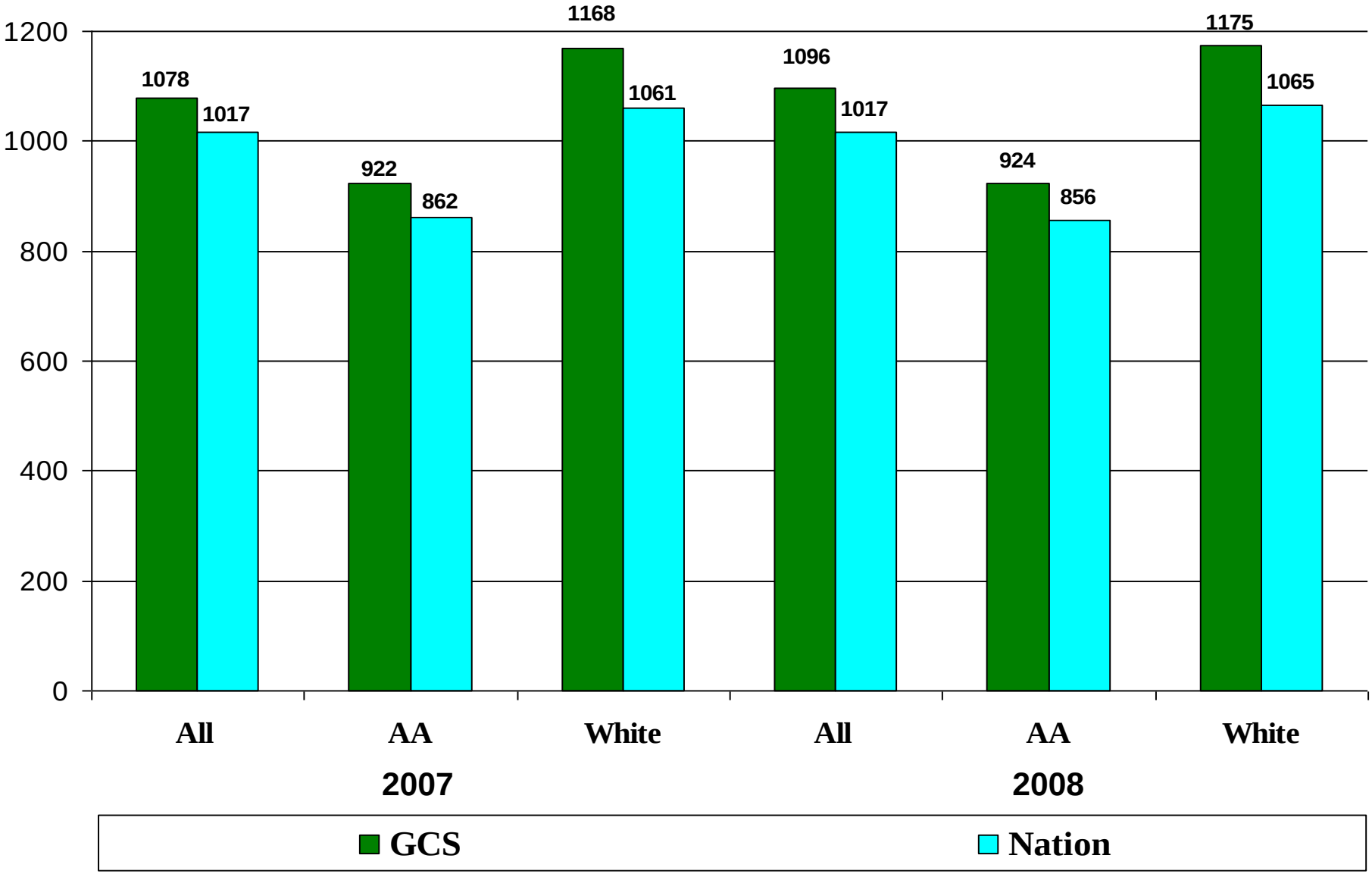
Mean Total (RM) Score: 2007 and 2008
High School Rank: Top Tenth -- GCS vs. NC vs. Nation



Mean Total (RM) Score: 2007 and 2008
Percent Test-Taker -- GCS vs. Nation = 70.7: 48.0 (2007) & 65.0: 45.0 (2008)



Mean Total (RM) Score: 2007 and 2008
Percent Test-Taker -- GCS vs. Nation = 48.0 : 48.0 (2007) and 45.0 : 45.0 (2008)



Summary

- **In 2008 the total SAT (MRW) score increased 7 points from 2007, with math 5 points, critical reading and writing 1 point each.**
- **Among ethnic groups White made greatest progress with total score gain by 18 points, and AA made second largest progress with total score gain by 12 points.**
- **GCS White students have significantly outperformed NC and US White students, by all means, as measured by total (MR) score for the recent years. Our AA students performed better than NC AA students when taking participation rate into account.**
- **Seven high schools met tough 2008 SAT goals in all 3 subjects. Six schools outperformed NC total (MRW) mean, and 5 schools outperformed US total (MRW) mean.**
- **Eight students were at the top 2% nationwide. Thirty student-tests received perfect score (800).**
- **We should challenge our high performing students further. Most importantly we must accelerate our students with color strongly in SAT progress, especially close the gaps between White and AA students with solid measures.**