

**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
OFFICE OF THE SUPERINTENDENT**

**DR. FRANK TILL
SUPERINTENDENT OF SCHOOLS**

Telephone: (754) 321-2600

Facsimile: (754) 321-2701

Signatures on File

May 27, 2004

TO: School Board Members

FROM: Katherine Blasik, Ph.D., Assistant Superintendent
Research, Evaluation, Assessment & Boundaries

VIA: Frank Till
Superintendent of Schools

SUBJECT: **2004 PRELIMINARY SAT/NATIONAL MERIT SCHOLARSHIP
QUALIFYING TEST RESULTS**

This is the fourth year that Broward has participated in the partnership between the College Board and the Florida Department of Education (DOE) utilizing the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT) to identify student readiness for college level work. Not only are results used as an important achievement indicator of Honors and Advanced Placement study, but the data provided assists staff in identifying areas where additional attention is needed in order to move students to college level coursework.

Broward's annual PSAT report is attached to this memorandum. The report presents data regarding the 2002, 2003, and 2004 administrations of the PSAT for both 10th and 11th grade participants as provided by the vendor, College Board. Recently released results demonstrate that school staff and parents have supported this effort, resulting in significant gains in student participation in the PSAT districtwide, as well as, across major ethnic groups. Highlights of the report indicate:

- **The participation rate of Grade 10 students has seen a remarkable increase from 45% in 2002 to 73% this most recent year.** Over three-fourths (20) of 26 Broward's high schools posted increased total participation rates this year over the previous year with the most notable increase at Western High, up from 152 in 2003 to 579 this year. Grade 11 participation has hovered at 30% over the three years reported.
- **When reviewing the data by ethnicity, dramatic increases in participation rates are noted.** Districtwide, the Grade 10 Hispanic participation rate of 85% exceeded all other groups, while nearly three-fifths (58%) of Black students enrolled participated in PSAT/NMSQT. Twenty-three schools increased Grade 10 Black student participation this year with Miramar's participation jumping from 63 in 2003 to 278 this past fall. Twenty-three schools also increased Grade 10 Hispanic student participation with the most notable increase at Cypress Bay, moving from 143 in 2003 to 486 in 2004. In general, Grade 11 participation remained steady with the number of juniors participating

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in PSAT/NMSQT testing increasing by 11 percent matching the district Grade 11 enrollment increase of 11 percent.

- **Grade 10 and 11 mean scores for the Nation, Florida and Broward evidenced similar trends over the three years reported - Verbal and Mathematics mean scores fell slightly while Writing mean scores remained stable from 2002 to 2004.** Districtwide, Verbal mean scores moved from 42.2 in 2002 to 39.3 in 2004; Mathematics mean scores slipped from 43.2 in 2002 to 41.2 in 2004; and Writing mean scores held relatively constant at just over 42.
- **The Nation, Florida, and Broward trend of decreasing mean scores in both Verbal and Mathematics, as well as, stable scores in Writing are also reflected when data is disaggregated by ethnicity for Broward's Grade 10 participants.** Further, when reviewing differences among groups in all three areas tested in 2004, White student mean scores were highest (Verbal, 42.9; Mathematics, 44.8 and Writing, 44.9) followed by Hispanic student mean scores (Verbal, 38.3; Mathematics, 40.3 and Writing, 41.5) and Black student mean scores (Verbal, 35.7; Mathematics, 37.1 and Writing, 39.6). Grade 11 performance was slightly higher in all areas and for all three subgroups of White, Black and Hispanic. This outcome is not unexpected due, in part, to an additional year of education for the assessment participants.
- Five charter schools of City of Coral Springs, North Lauderdale Academy, Parkway Academy, Pembroke Pines Charter High School and Somerset Academy participated in PSAT testing this year.

Broward's commitment to providing broader educational opportunities, which provide students with experience and knowledge needed for success in college-level coursework, is evident in the continued increase in PSAT participation. School staff will use PSAT results as an additional source of information to identify students for Honors, Dual Enrollment and/or Advanced Placement courses for the coming school year. Area Directors and Principals will examine school participation rates and will take steps to increase participation, particularly when the schoolwide or by ethnicity rate falls below 50%. If you have any questions regarding this report, please contact **me at 754-321-2471 or Anne Dilgen, Director, Student Assessment at 754-321-4257.**

FT/KAB/AD:sjm

Attachment

cc: Senior Management
Area Directors
Diane Carr, Executive Director, Core Curriculum
Frank Vodolo, Executive Director, Educational Programs
High School Principals

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA



Research, Evaluation, Assessment & Boundaries

2004 PRELIMINARY SAT/NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST

The 2003-2004 school year is the fourth year of a partnership between the College Board and the Florida Department of Education (DOE) to help improve student academic performance and prepare for a college education or a rewarding career (State of Florida, 2003). Beginning in 2000-2001, Florida's Specific Appropriation 107, allocated \$1.6 million statewide for administration of a preliminary college entrance examination to all tenth grade students. Broward, after a review of available preliminary college entrance examinations, selected the College Board's Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT) for administration to tenth grade students. As directed by the State, student participation in districtwide PSAT testing is voluntary. Furthermore, a student may choose to take an examination not selected by the district at his/her expense.

This report presents data regarding the 2002, 2003, and 2004 administrations of the PSAT for both 10th and 11th grade participants as provided by the vendor, College Board.

Test Description

The PSAT measures verbal and mathematical reasoning abilities, as well as, writing skills that are important to success in college level study. The test focuses on students' ability to reason with facts and concepts, rather than the ability to recall and recite information, while assessing knowledge and skills that students develop through course work in English, mathematics, science, social studies, foreign languages, and fine arts, as well as through experiences outside the classroom.

In Grade 10, students gain familiarity with the format of the PSAT and gain experience for the SAT. The examination is intended to permit an opportunity for students to practice for SAT Program tests by providing questions similar to those on that assessment. By taking the PSAT prior to the SAT, students become cognizant of the skills tested on the SAT and other college entrance examinations.

For students in Grade 11, the PSAT is a qualifying examination for scholarship and recognition programs including the National Merit Scholarship Competition, National Achievement Scholarships for Outstanding Negro Students, and the National Hispanic Scholar Recognition Program. Of the more than one million National Merit Scholarship Corporation (NMSC) program entrants, about 50,000 students will earn 2003 PSAT scores high enough to qualify them for recognition. These students will be notified of their standing through their high schools in September 2004. Students who qualify to continue in the competitions for scholarships to be

offered in 2005 then must meet academic and other requirements specified by NMSC in order to be considered for awards (National Merit Program, 2004).

Of the more than two million students who take the PSAT, most are high school juniors (College Board, 2004). Florida covers the cost of the PSAT for 10th grade public school students and, as a result, a larger proportion of Broward's high school sophomores than juniors take the assessment each spring. Nearly all students nationwide who take the test indicate they plan to attend college. The PSAT gives the students the opportunity to participate in the Student Search Service used by colleges to contact students directly with information about their programs and offerings.

The PSAT is administered twice during the month of October each year. Across the nation, schools may elect either the Tuesday or Saturday scheduled test dates to administer the test. This year, for the first time in Broward, schools only administer the test on the Tuesday test date allowing greater access for student participation.

PSAT Assessment Results

College Board mails each examinee a PSAT Student Score Report in December or January, which offers skills assessment that students can use to identify their levels of proficiency in each of the reasoning skill areas and then work on improving them before entering college, or taking the SAT. The reverse side of the Score Report contains interpretive and college planning information. Each student receives three scores (Verbal, Mathematics, and Writing Skills) as well as two estimated scores on the SAT I: Reasoning Test (Verbal and Mathematics), and one on the SAT II: Writing Test.

In the spring of each year, College Board provides each school participating in PSAT testing additional reports and materials. The PSAT Summary of Answers includes three different ways for school staff to analyze their students' performance. College Board staff suggests that the Summary of Answers keeps the focus on the students' skills, not their scores. Accompanying the Summary of Answers is the *Guide to the PSAT Summary of Answers*, which contains suggestions about understanding and using information from the report.

Each participating school also receives reports to assist in identifying academically promising young people to participate in Advanced Placement (AP) courses. According to College Board, studies have shown that student performance on the PSAT can be useful in identifying students who may be successful in AP courses. These reports, according to College Board, are not intended to be the sole criteria for selection of students to enter an AP course, nor are they to be used to deny student access to these high rigor courses. The reports should be used in conjunction with the following to identify more students who can potentially benefit from AP courses and be successful in those courses:

- Self-nomination
- Teacher recommendations
- Previous courses completed
- Grades in relevant previous high school courses
- Discussions with students and their parents
- Scores on achievement tests

Accompanying these reports, each participating school receives a copy of College Board's *Using the PSAT and Course Grades in Predicting Success in the Advanced Placement Program*.

As indicated in the PSAT Summary of Answers, students who take the PSAT/MNSQT are assumed to be planning to continue their education beyond high school with the Summary of Answers report referring to participants as college-bound students. Comparisons of performance on the test relate to the national group of college-bound students, a self-selected group of greater academic ability, rather than all high school students.

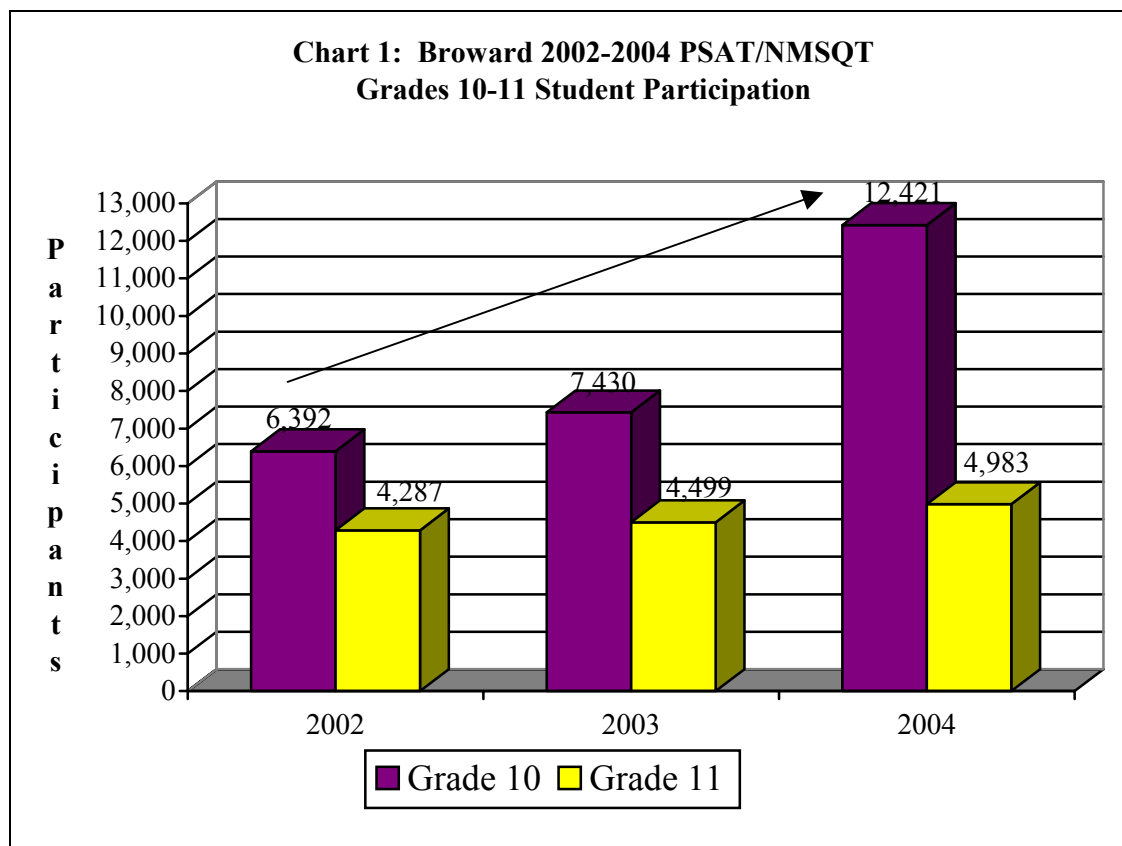
Participation Rates

Note must be made regarding special educational initiatives made in Florida, which are not evidenced nationally. Only three states (Florida, Georgia and South Carolina) have initiatives that provide testing such as PSAT at no cost to the student. Therefore, comparisons of district and national results for 2004 must be made with caution, as the majority of states do not fund PSAT testing which may limit the range of students who participate in the assessment at the early point of Grade 10.

Districtwide. The test results included in this report are for students who participated in the PSAT administration over the past three years of 2002 to 2004. As can be seen below, the participation rate of Grade 10 students has seen a remarkable increase from 45% in 2002 to 73% this most recent year. The 67% participation *increase* from 2003 to 2004 eclipsed the districtwide 10th grade enrollment *increase* of nine percent (1,390) during that same timeframe. It is important to note the phenomenal increase may be attributed, in part, to the PSAT now being administered during the school day on a Tuesday at all school sites.

Eleventh grade participation over the three year timeframe has been in line with enrollment increases. For example and in 2004, the number of juniors participating in PSAT testing *increased* by 11 percent (484), matching the district Grade 11 enrollment *increase* of 11 percent (1,785).

Table 1: Broward Enrollment/PSAT/NMSQT Participation 2002-2004					
Year	Enrollment	Percent Change	Participants	Percent Change	Percent Participants
Grade 10					
2002	14,275		6,392		45%
2003	15,523	+ 9%	7,430	+ 16%	48%
2004	16,913	+ 9%	12,421	+ 67%	73%
Grade 11					
2002	14,503		4,287		30%
2003	15,529	+ 7%	4,499	+ 5%	29%
2004	17,314	+ 11%	4,983	+ 11%	29%



Ethnicity. Table 2 displays Broward enrollment, number of participants and the percent of participation in PSAT/NMSQT for the 2002 to 2004 for Grades 10 and 11. As seen in the table, **the 2004 Grade 10 for all three groups of Black, Hispanic, and White student participation was at an all-time high, dramatically exceeding the prior two years reported.** Further, Grade 10 Hispanic participation was at 85%, outpacing Black (58%) and White (67%) student participation. Grade 11 participation showed a similar pattern of 18% Black, 30% Hispanic, and 31/32% White over the most recent 2003 and 2004 years.

		Black			Hispanic			White		
Grade 10										
Year	Number Enroll.	Number Part.	Percent Part.	Number Enroll.	Number Part.	Percent Part.	Number Enroll.	Number Part.	Percent Part.	
2002	5,008	2,068	41%	2,861	1,242	43%	6,387	2,569	40%	
2003	5,959	2,201	37%	3,367	1,553	46%	6,699	2,903	43%	
2004	5,675	3,318	58%	3,793	3,207	85%	6,604	4,455	67%	
Grade 11										
2002	5,582	1,107	20%	3,007	787	26%	6,340	2,008	32%	
2003	6,044	1,070	18%	3,333	993	30%	6,634	2,085	31%	
2004	6,228	1,144	18%	3,649	1,109	30%	6,610	2,136	32%	

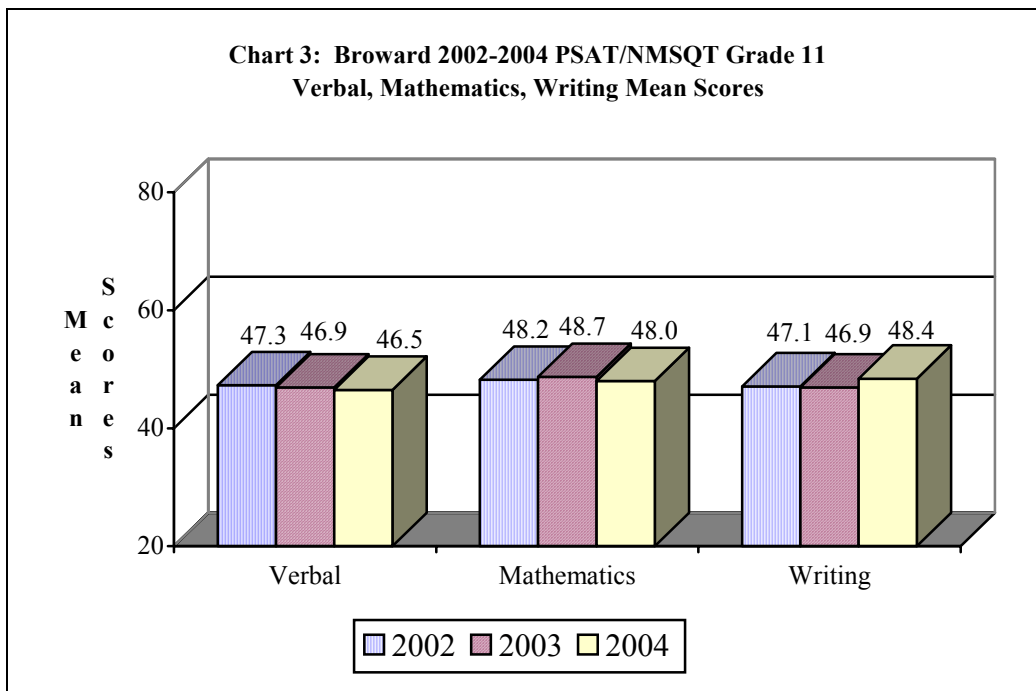
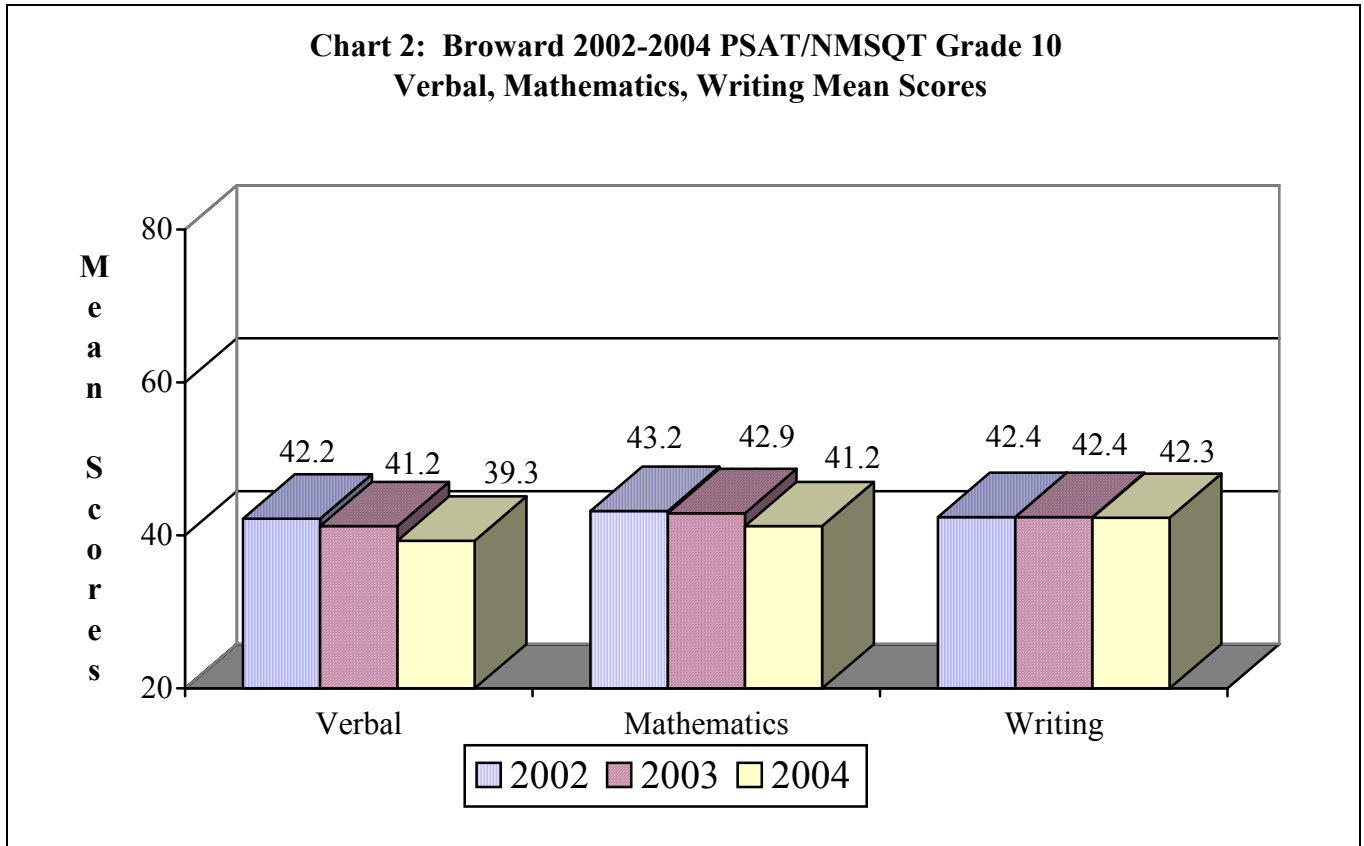
Mean Scale Scores

Districtwide. Table 3, Chart 2 and Chart 3 provide three years of National, Florida and Broward data. The College Board reports national and state mean scale scores for only college-bound students. It should be noted that Broward mean scores are based on *all* students participating in the PSAT administration.

Grade 10 and 11 mean scores for the Nation, Florida and Broward evidenced similar trends over the three years reported - Verbal and Mathematics mean scores fell slightly while Writing mean scores remained stable from 2002 to 2004. Districtwide at Grade 10, Verbal mean scores moved from 42.2 in 2002 to 39.3 in 2004; Mathematics mean scores slipped from 43.2 in 2002 to 41.2 in 2004; and Writing mean scores held relatively constant at just over 42.

As shown in Table 3, at Grade 11 verbal dropped slightly from 47.3 to 46.5 over the three-year period. Mathematics remained relatively consistent at around 48, with Writing demonstrating a slight increase from 47.1 to 48.4. It is not unexpected that Grade 11 scores are higher than Grade 10 scores as Grade 10 students are most likely to have no prior experience with the PSAT.

Table 3: Nation, Florida and Broward PSAT Mean Scores 2002-2004									
	Verbal			Mathematics			Writing		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
Grade 10									
Nation	45.1	44.4	43.1	45.5	45.5	43.9	46.2	45.9	46.3
Florida	41.6	40.7	40.1	42.0	41.9	40.8	42.5	42.2	43.0
Broward	42.2	41.2	39.3	43.2	42.9	41.2	42.4	42.4	42.3
Grade 11									
Nation	48.3	48.0	47.3	49.0	49.2	48.1	48.9	48.8	49.8
Florida	48.8	48.8	47.9	48.8	49.5	48.5	49.1	49.0	50.1
Broward	47.3	46.9	46.5	48.2	48.7	48.0	47.1	46.9	48.4



Ethnicity. The District, State and Nation trend of decreasing mean scores in both Verbal and Mathematics, as well as, stable scores in Writing are also reflected when data is disaggregated by ethnicity for Broward’s Grade 10 participants. As can be seen in Table 4 below, when reviewing

differences among groups in all three areas tested in 2004, White student mean scores were highest (Verbal, 42.9; Mathematics, 44.8 and Writing, 44.9) followed by Hispanic student mean scores (Verbal, 38.3; Mathematics, 40.3 and Writing, 41.5) and Black student mean scores (Verbal, 35.7; Mathematics, 37.1 and Writing, 39.6). Grade 11 performance was slightly higher in all areas and for all three subgroups of White, Black and Hispanic. Again, this outcome is not unexpected due to an additional year of education for the assessment participants.

	Black			Hispanic			White		
Grade 10									
Year	V	M	W	V	M	W	V	M	W
2002	38.2	38.3	39.2	41.6	42.5	41.8	45.9	47.2	45.3
2003	36.6	38.1	39.0	40.6	42.4	42.1	45.9	47.6	45.9
2004	35.7	37.1	39.6	38.3	40.3	41.5	42.9	44.8	44.9
Grade 11									
2002	42.5	42.2	42.9	46.9	47.4	45.9	50.4	51.5	50.0
2003	42.2	43.4	43.0	45.7	47.3	46.2	49.6	51.4	49.2
2004	41.6	42.0	44.0	44.8	46.6	47.3	49.8	51.4	51.2

Gender. Table 5 illustrates PSAT/NMSQT mean scores for Grades 10 and 11 by gender. At Grade 10 mean scores slipped in all areas except Female Writing scores which remained stable compared to the previous year's results. At Grade 11, Writing scores improved this year for both Females and Males, while all other areas dipped slightly.

	Female			Male		
Year	V	M	W	V	M	W
Grade 10						
2002	42.0	42.0	42.7	42.6	44.8	42.1
2003	41.0	41.8	42.7	41.5	44.5	42.0
2004	39.4	40.4	42.8	39.2	42.1	41.8
Grade 11						
2002	46.8	46.7	47.1	48.1	50.6	47.2
2003	46.4	46.9	47.1	47.7	51.0	46.7
2004	46.1	46.5	48.5	47.0	50.2	48.4

School Participation Overall and by Ethnicity

Table 6 provides three years of data – 2002 to 2004, where available, – regarding total enrollment and data indicating participation in each ethnic group by school for Grade 10 students. As displayed in the table, of Broward high schools with two consecutive years of PSAT participation, over three-fourths (20, 77%) of 26 high schools testing posted increased total participation rates this year over the previous year. Western High reported the greatest increase (281%) in Grade 10 student participation on the PSAT, up from 152 students in 2003 to 579 this year. Significantly improved participation rates may be attributed to PSAT being administered on Tuesday in all schools this fall.

An increase in minority participation is also noted in Table 6. Twenty-three schools increased Grade 10 Black student participation this year with a remarkable increase at Miramar from 63 to 278 this year. Twenty-three schools increased Grade 10 Hispanic student participation with the most notable increase at Cypress Bay from 143 to 486 this year.

In reviewing Table 6, schools with less than 50% participation rate schoolwide or for ethnic groups of Black, Hispanic or White are bolded for easy reference. Be advised that although these schools fell below the 50% participation marker, in general, their 2004 rates exceeded 2002 and 2003 participation rates.

Table 6: PSAT Grade 10 School Enrollment/Participation Results by Ethnicity 2002-2004

School	Year	Total #			Black			Hispanic			White		
		Part.	Enroll	# Part.	% Part.	Enroll	# Part.	% Part.	Enroll	# Part.	% Part.	Enroll	# Part.
Atlantic Voc. Technical*	2004	128	25	25	100%	36	44	122%**	56	45	80%		
Blanche Ely	2002	282	430	178	41%	53	23	43%	67	21	31%		
	2003	187	376	123	33%	49	19	39%	62	20	32%		
	2004	341	459	254	55%	51	25	49%	54	26	48%		
Boyd Anderson	2002	368	388	259	67%	29	27	93%	41	29	71%		
	2003	455	547	327	60%	23	24	104%**	36	27	75%		
	2004	362	465	277	60%	19	13	68%	36	28	78%		
Broward Virtual*	2004	4	0	0		5	1	20%	13	3	23%		
Coconut Creek	2002	265	206	91	44%	81	35	43%	162	83	51%		
	2003	356	232	123	53%	121	83	69%	189	101	53%		
	2004	320	200	132	66%	84	75	89%	113	73	65%		
Cooper City	2002	175	12	0		63	21	33%	412	131	32%		
	2003	227	8	0		63	23	37%	469	181	39%		
	2004	433	21	17	81%	49	54	110%**	368	317	86%		
Coral Springs	2002	199	124	20	16%	115	34	30%	396	128	32%		
	2003	234	141	31	22%	118	33	28%	387	137	35%		
	2004	557	143	87	61%	147	134	91%	352	265	75%		
Cypress Bay	2003	412	42	15	36%	371	143	39%	566	223	39%		
	2004	1,079	51	44	86%	411	486	118%**	551	446	81%		
Dave Thomas*	2004	6	21	4	19%	7	1	14%	17	0	0%		
Deerfield Beach	2002	170	128	38	30%	52	18	35%	143	62	43%		
	2003	253	369	103	28%	119	32	27%	223	72	32%		
	2004	321	308	117	38%	107	51	48%	194	103	53%		
Dillard	2002	313	443	248	56%	19	15	79%	30	21	70%		
	2003	247	412	130	32%	16	10	63%	30	20	67%		
	2004	212	233	167	72%	14	17	121%**	21	13	62%		

Table 6 Cont'd.: PSAT Grade 10 School Enrollment/Participation Results by Ethnicity 2002-2004

School	Year	Total #			Black			Hispanic			White		
		Part.	#	%	Enroll	Part.	%	Enroll	Part.	%	Enroll	Part.	%
Everglades*	2004	349	157	55%	87	246	140	57%	181	64	35%		
Flanagan, Charles W.	2002	399	249	28%	70	438	116	26%	496	130	26%		
	2003	506	243	36%	88	437	186	43%	431	148	34%		
	2004	565	138	72%	99	237	250	105%**	238	153	64%		
Fort Lauderdale	2002	232	187	56%	105	22	16	73%	95	62	65%		
	2003	266	228	56%	127	37	29	78%	92	65	71%		
	2004	312	233	76%	177	34	33	97%	89	57	64%		
Hallandale	2002	155	174	49%	85	76	39	51%	40	17	43%		
	2003	220	195	58%	114	112	69	62%	40	15	38%		
	2004	212	202	59%	120	91	69	76%	19	8	42%		
Hollywood Hills	2002	253	80	39%	31	158	63	40%	316	130	41%		
	2003	208	107	31%	33	156	48	31%	273	102	37%		
	2004	246	96	36%	35	173	79	46%	230	92	40%		
McArthur	2002	261	149	42%	63	201	87	43%	217	79	36%		
	2003	244	144	37%	53	212	96	45%	182	68	37%		
	2004	264	123	44%	54	217	121	56%	159	65	41%		
William T. McFatter Technical	2002	132	19	68%	13	23	29	126%**	93	64	69%		
	2003	142	17	88%	15	33	35	106%**	77	70	91%		
	2004	138	14	86%	12	35	42	120%**	83	65	78%		
Miramar	2002	201	360	29%	105	105	43	41%	51	16	31%		
	2003	135	394	16%	63	133	40	30%	51	14	27%		
	2004	482	410	68%	278	127	103	81%	51	28	55%		
Monarch*	2004	179	40	80%	32	53	63	119%**	121	70	58%		
Northeast	2002	136	103	26%	27	107	27	25%	250	69	28%		
	2003	124	97	25%	24	105	32	30%	196	53	27%		
	2004	400	100	61%	61	140	132	94%	236	157	67%		

Table 6 Cont'd.: PSAT Grade 10 School Enrollment/Participation Results by Ethnicity 2002-2004

School	Year	Total # Part.	Black			Hispanic			White		
			# Enroll	# Part.	% Part.	# Enroll	# Part.	% Part.	# Enroll	# Part.	% Part.
Nova	2002	224	99	47	47%	55	24	44%	222	117	53%
	2003	264	136	58	43%	61	35	57%	208	135	65%
	2004	400	112	100	89%	79	78	99%	214	175	82%
Piper	2002	523	232	149	64%	112	93	83%	276	189	68%
	2003	606	350	136	39%	103	53	51%	245	111	45%
	2004	312	314	103	33%	126	60	48%	256	121	47%
Plantation	2002	278	284	90	32%	94	45	48%	228	91	40%
	2003	201	305	72	24%	93	27	29%	231	75	32%
	2004	398	254	153	60%	101	78	77%	182	121	66%
Pompano Beach	2002	162	58	50	86%	17	21	124%**	95	73	77%
	2003	182	47	41	87%	21	27	129%**	121	101	83%
	2004	215	57	54	95%	32	37	116%**	123	107	87%
Seagull*	2004	2	43	1	2%	1	1	100%	5	0	0%
Sheridan Voc. Tech.*	2004	1	0	1		0	0		0	0	
South Broward	2002	79	98	12	12%	102	18	18%	173	37	21%
	2003	378	116	91	78%	107	105	98%	217	148	68%
	2004	521	194	126	66%	200	166	83%	263	172	65%
South Plantation	2002	237	153	66	43%	72	33	46%	228	111	49%
	2003	260	199	72	36%	93	45	48%	226	127	56%
	2004	356	234	109	47%	96	66	69%	187	144	77%
Stoneman Douglas	2002	425	93	32	34%	134	49	37%	671	291	43%
	2003	483	128	29	23%	148	60	41%	668	341	51%
	2004	839	126	86	68%	169	138	82%	682	524	77%

Table 6 Cont'd.: PSAT Grade 10 School Enrollment/Participation Results by Ethnicity 2002-2004

School	Year	Total # Part.	Black			Hispanic			White		
			# Enroll	# Part.	% Part.	# Enroll	# Part.	% Part.	# Enroll	# Part.	% Part.
Stranahan	2002	219	291	122	42%	76	23	30%	92	28	30%
	2003	356	288	207	72%	79	55	70%	75	45	60%
	2004	391	287	212	74%	85	78	92%	56	32	57%
Taravella, J.P.	2002	330	64	16	25%	146	62	42%	501	217	43%
	2003	332	78	21	27%	161	54	34%	520	223	43%
	2004	694	102	73	72%	160	170	106%**	451	358	79%
Western	2002	374	47	6	13%	309	98	32%	655	207	32%
	2003	152	20	3	15%	95	36	38%	360	100	28%
	2004	579	31	25	81%	121	131	108%**	493	383	78%
Whispering Pines*	2004	14	5	5	100%	2	3	150%**	18	4	22%

*2003 is first year of participation in PSAT for Atlantic Voc. Tech., Broward Virtual, Dave Thomas Education Center, Everglades, Monarch, Seagull, Sheridan Voc. Tech., and Whispering Pines.

**Participation rates may exceed 100% due to student self-reported demographic information.

Table 7 provides Grade 10 PSAT mean scale scores for Black, Hispanic and White students by school. Data are provided over a three-year period where available. Please note no data are reported when less than ten students are tested. Caution must be used when viewing gains or declines in this table as the number of students in each ethnic group will vary from school to school and year to year.

Table 7: PSAT Grade 10 School Mean Scale Score by Ethnicity 2002-2004													
High School	Year	Black				Hispanic				White			
		#	V	M	W	#	V	M	W	#	V	M	W
Atlantic Voc. Tech.	2004*	25	39.6	39.5	42.8	44	39.8	43.1	41.8	45	44.8	45.8	45.7
Blanche Ely	2002	178	40.3	40.8	39.5	23	38.3	40.9	39.5	21	44.1	48.1	43.5
	2003	123	39.6	41.8	40.6	19	40.4	43.5	43.1	20	45.9	49.0	45.4
	2004	254	37.1	40.6	40.9	25	36.6	40.4	39.2	26	40.8	45.0	43.7
Boyd Anderson	2002	259	36.9	36.7	38.0	27	40.7	42.6	42.0	29	53.3	54.5	54.7
	2003	327	34.4	35.9	37.5	24	38.0	40.1	41.4	27	53.5	54.8	52.7
	2004	277	33.5	35.6	38.5	13	43.5	47.8	43.5	28	50.3	55.6	51.7
Broward Virtual	2004*	0				1**				3**			
Coconut Creek	2002	91	35.6	35.5	38.9	35	38.9	42.4	39.8	83	42.9	43.0	42.0
	2003	123	33.2	34.0	36.3	83	35.9	35.7	38.2	101	40.4	40.1	41.4
	2004	132	33.7	34.5	37.8	75	35.1	37.7	39.1	73	39.1	41.1	42.5
Cooper City	2002	0				21	49.0	48.7	45.6	131	47.9	50.2	46.5
	2003	0				23	45.3	43.6	44.9	181	48.3	50.0	47.5
	2004	17	42.4	46.6	46.5	54	41.5	43.7	43.1	317	44.4	46.6	46.3
Coral Springs	2002	20	43.8	43.3	43.0	34	41.5	42.9	44.0	128	46.4	47.6	46.6
	2003	31	37.5	40.4	40.6	33	41.8	43.8	42.9	137	46.5	47.1	45.6
	2004	87	35.5	35.9	39.6	134	38.4	40.4	41.4	265	42.7	44.3	44.2
Cypress Bay	2003*	15	39.1	43.4	41.0	143	43.3	46.2	44.2	223	46.7	49.0	47.0
	2004	44	38.5	39.8	40.4	486	39.0	41.8	42.4	446	43.1	45.4	45.4
Dave Thomas	2004*	4**				1**				0			
Deerfield Beach	2002	38	37.7	37.1	39.0	18	43.6	44.4	42.9	62	49.0	48.1	47.6
	2003	103	35.0	37.3	37.2	32	39.3	45.3	41.8	72	47.3	48.7	45.3
	2004	117	33.3	36.6	38.8	51	37.6	41.0	42.8	103	47.1	48.2	49.4
Dillard	2002	248	35.0	36.5	37.3	15	40.1	39.4	40.9	21	46.4	43.8	47.0
	2003	130	34.6	37.3	37.1	10	39.0	42.4	40.4	20	46.6	49.3	44.3
	2004	167	34.4	38.1	38.6	17	43.4	41.6	41.9	13	45.2	46.8	47.5
Everglades	2004*	87	40.9	40.1	42.0	140	41.3	42.7	44.9	64	44.7	47.4	46.4
Flanagan, Charles W.	2002	70	42.5	41.3	41.6	116	42.9	44.5	43.5	130	47.4	50.1	48.2
	2003	88	40.3	40.8	41.9	186	42.5	45.0	43.7	148	46.3	47.2	46.9
	2004	99	36.1	37.2	40.0	250	39.1	40.8	42.7	153	41.6	43.0	43.6

Table 7 Cont'd.: PSAT Grade 10 School Mean Scale Score by Ethnicity 2002-2004													
High School	Year	Black				Hispanic				White			
		#	V	M	W	#	V	M	W	#	V	M	W
Fort Lauderdale	2002	105	38.1	36.9	39.2	16	41.9	43.3	42.1	62	44.5	42.9	43.6
	2003	127	36.9	38.9	38.6	29	37.9	41.2	39.7	65	48.1	47.8	46.7
	2004	177	35.1	37.7	39.9	33	38.2	38.5	38.8	57	42.2	42.3	44.4
Hallandale	2002	85	36.1	36.3	36.8	39	38.5	38.2	38.5	17	39.8	37.4	39.2
	2003	114	34.5	36.0	37.0	69	36.5	38.6	38.8	15	42.9	43.1	43.2
	2004	120	33.9	35.4	37.4	69	33.4	38.8	37.8	8**			
Hollywood Hills	2002	31	33.8	35.1	36.1	63	40.5	42.4	40.3	130	43.5	44.1	42.1
	2003	33	37.4	37.2	37.8	48	40.1	40.2	39.7	102	43.0	46.1	43.1
	2004	35	36.3	35.6	37.2	79	38.4	38.9	40.8	92	42.8	42.6	43.6
McArthur	2002	63	35.9	37.3	38.3	87	38.4	38.7	38.0	79	43.0	46.2	43.6
	2003	53	38.3	40.5	39.3	96	38.2	39.5	39.4	68	39.7	43.6	42.0
	2004	54	37.9	38.0	38.9	121	35.8	36.9	39.8	65	39.8	42.6	41.9
William T. McFatter Technical	2002	13	47.2	44.5	44.8	29	41.9	42.0	42.1	64	45.9	46.0	43.4
	2003	15	42.9	42.4	43.9	35	46.5	47.8	45.7	70	45.7	46.9	44.8
	2004	12	40.7	39.8	42.2	42	44.3	42.6	43.2	65	44.9	46.1	46.0
Miramar	2002	105	40.6	40.3	40.4	43	42.2	41.4	41.6	16	40.1	40.9	41.6
	2003	63	41.2	40.5	41.9	40	41.0	42.9	42.0	14	51.6	45.9	47.9
	2004	278	34.4	35.6	38.8	103	36.2	37.9	39.7	28	40.8	42.3	44.4
Monarch	2004*	32	35.0	36.5	40.0	63	35.1	39.0	38.5	70	38.1	39.3	41.6
Northeast	2002	27	38.9	40.0	39.7	27	42.3	44.5	42.2	69	46.2	45.6	45.8
	2003	24	39.6	40.7	42.4	32	42.1	42.1	42.5	53	46.5	47.0	45.3
	2004	61	35.9	35.1	39.1	132	35.4	36.6	39.0	157	41.5	41.7	43.7
Nova	2002	47	41.7	41.4	41.4	24	46.9	45.1	47.0	117	48.5	50.6	47.3
	2003	58	41.0	41.5	42.1	35	39.6	43.4	41.8	135	48.0	50.7	46.7
	2004	100	37.6	39.3	41.4	78	38.5	41.6	41.4	175	44.7	48.6	46.9
Piper	2002	149	36.8	35.8	38.2	93	39.5	38.4	39.0	189	41.7	42.8	41.4
	2003	136	36.0	36.9	38.2	53	40.1	40.8	41.9	111	42.2	44.3	42.3
	2004	103	37.5	37.1	40.2	60	41.0	43.3	43.3	121	43.0	44.0	44.9
Plantation	2002	90	37.9	37.4	40.6	45	39.0	41.3	42.5	91	45.7	47.6	46.4
	2003	72	36.7	37.2	40.0	27	40.8	41.7	41.7	75	46.7	49.7	46.9
	2004	153	34.7	35.4	39.5	78	36.9	37.7	40.8	121	44.3	47.0	45.1
Pompano Beach	2002	50	40.7	40.2	40.5	21	44.5	42.3	40.6	73	44.1	44.1	42.9
	2003	41	42.6	43.4	43.1	27	43.8	45.2	43.6	101	43.7	43.7	44.8
	2004	54	41.0	41.1	42.7	37	43.3	42.7	45.5	107	42.6	44.2	45.5
Seagull	2004*	1**				1**				0			
Sheridan Voc. Tech.	2004*	1**				0				0			
South Broward	2002	12	38.8	37.9	39.3	18	43.2	41.4	42.8	37	46.5	46.9	46.4
	2003	91	32.8	34.4	37.0	105	37.6	38.9	39.4	148	41.5	43.1	42.5
	2004	126	32.5	33.9	36.2	166	34.1	35.5	38.2	172	39.6	40.3	42.3

High School	Year	Black				Hispanic				White			
		#	V	M	W	#	V	M	W	#	V	M	W
South Plantation	2002	66	39.5	39.9	39.7	33	41.5	42.9	42.3	111	47.0	47.6	46.0
	2003	72	34.5	36.4	38.7	45	37.7	40.6	41.3	127	46.0	47.1	44.7
	2004	109	36.9	38.8	41.0	66	38.5	42.9	42.0	144	43.4	46.5	45.6
Stoneman Douglas	2002	32	43.4	41.6	41.8	49	44.0	43.9	44.4	291	47.1	49.2	46.3
	2003	29	41.5	44.3	42.1	60	42.5	45.7	45.1	341	47.9	50.3	48.3
	2004	86	37.5	39.2	42.4	138	40.8	43.3	43.1	524	44.1	46.9	46.4
Stranahan	2002	122	41.4	41.5	41.7	23	42.8	41.9	42.5	28	43.4	45.5	43.6
	2003	207	38.1	39.6	40.4	55	40.0	40.9	42.3	45	43.5	44.6	43.3
	2004	212	36.6	37.8	40.7	78	38.0	41.5	42.0	32	43.1	44.8	46.9
Taravella, J.P.	2002	16	42.2	45.4	43.4	62	44.1	46.2	45.1	217	45.8	48.8	45.9
	2003	21	39.2	38.0	41.2	54	45.0	45.4	45.9	223	47.5	50.3	47.8
	2004	73	37.8	38.1	40.2	170	38.8	40.3	41.3	358	43.7	46.1	45.2
Western	2002	6**				98	42.6	45.0	42.0	207	47.4	47.9	46.3
	2003	3**				36	42.1	42.4	43.4	100	46.6	46.4	47.4
	2004	25	40.5	38.4	40.3	131	38.4	38.7	41.1	383	41.1	41.7	42.4
Whispering Pines	2004*	5**				3**				4**			

* First year school's data reported.
**No data reported when less than 10 students tested.

Table 8 displays mean scores for 10th and 11th Grade participants in 2004 by school. As depicted in Table 8, two Broward schools, (Cooper City and William T. McFatter Technical) surpassed the national and state Grade 10 mean scores in Verbal and Mathematics. Nine Broward schools (College Academy, Cooper City, Coral Springs, Cypress Bay, Deerfield Beach, McFatter Technical, Nova, Stoneman-Douglas, and Taravella) surpassed the national and state Grade 11 mean scores in Verbal and Mathematics.

	Grade 10				Grade 11			
	#	V	M	W	#	V	M	W
Nation		43.1	43.9	46.3		47.3	48.1	49.8
Florida		40.0	40.8	43.0		47.9	48.5	50.1
Broward	12,421	39.3	41.2	42.3	4,983	46.5	48.0	48.4
High School								
Atlantic Voc. Tech.	128	41.7	43.4	43.5	0			
Blanche Ely	341	37.6	41.2	41.3	133	42.9	43.7	44.7
Boyd Anderson	362	35.5	38.0	40.0	152	45.8	47.4	48.0
Broward Virtual	4*				1*			
Coconut Creek	320	35.4	37.1	39.5	74	43.2	44.7	45.4
College Academy	0				129	56.1	56.0	60.3
Cooper City	433	43.7	46.2	45.6	219	53.1	54.6	53.2
Coral Springs	557	40.1	41.6	42.4	211	49.2	50.4	49.4
Cypress Bay	1,079	40.7	43.4	43.6	484	47.3	51.0	49.5

Table 8 Cont'd.: Broward PSAT Participation and Mean Scores 2004								
	Grade 10				Grade 11			
	#	V	M	W	#	V	M	W
Nation		43.1	43.9	46.3		47.3	48.1	49.8
Florida		40.0	40.8	43.0		47.9	48.5	50.1
Broward	12,421	39.3	41.2	42.3	4,983	46.5	48.0	48.4
High School								
Dave Thomas Ed. Ctr.	6*				0			
Deerfield Beach	321	39.0	41.7	43.3	89	50.2	54.2	51.6
Dillard	212	36.1	39.2	39.5	42	38.4	41.0	42.1
Everglades	349	41.9	43.2	44.2	195	44.9	46.5	47.3
Flanagan, Charles W.	565	39.1	40.8	42.4	139	46.6	50.3	49.0
Fort Lauderdale	312	36.9	38.6	40.7	155	44.6	44.2	46.8
Hallandale	212	33.9	36.6	37.6	49	38.7	39.3	42.0
Hollywood Hills	246	39.4	39.6	40.9	76	44.3	47.0	46.9
McArthur	264	37.4	38.9	40.2	96	46.4	48.4	47.9
William T. McFatter Technical	138	44.5	44.5	44.9	140	48.4	49.4	48.5
Miramar	482	35.5	36.8	39.7	82	45.4	42.9	46.8
Monarch	179	36.3	38.4	40.0	42	40.5	41.1	43.5
Northeast	400	38.0	38.6	40.9	110	43.9	43.7	47.5
Nova	400	41.3	45.0	44.1	195	49.1	51.3	50.4
Piper	312	40.4	41.5	42.8	276	42.1	43.2	44.3
Plantation	398	38.3	39.7	41.4	252	43.1	44.7	46.6
Pompano Beach	215	42.5	43.1	44.9	130	46.3	46.0	48.8
Seagull	2*				0*			
Sheridan Voc. Tech.	1*				27	40.2	41.7	41.7
South Broward	521	35.8	36.9	39.5	83	43.7	42.9	45.3
South Plantation	356	39.9	42.8	43.1	188	45.4	46.5	47.4
Stoneman Douglas	839	42.7	45.4	45.3	413	48.9	51.8	50.8
Stranahan	391	37.7	40.0	41.9	169	43.0	44.7	45.7
Taravella, J.P.	694	41.6	43.7	43.6	314	48.7	51.1	50.5
Western	579	40.3	40.9	42.0	117	48.1	47.8	49.6
Whispering Pines	14	34.7	35.0	37.3	2*			
*No data reported when less than ten students tested.								

Charter Schools

As reported in Table 9, five charter schools (City of Coral Springs, North Lauderdale Academy Parkway Academy, Pembroke Pines Charter High School and Somerset Academy) participated in PSAT testing this year.

Table 9: Charter School PSAT Participation and Mean Scores 2004								
	Grade 10				Grade 11			
	#	Verbal	Mathematics	Writing	#	Verbal	Mathematics	Writing
Nation		43.1	43.9	46.3		47.3	48.1	49.8
Florida		40.0	40.8	43.0		47.9	48.5	50.1
Broward	12,421	39.3	41.2	42.3	4,983	46.5	48.0	48.4
Charter School								
City of Coral Springs	188	40.6	42.3	44.5	23	42.4	44.9	47.7
North Lauderdale	158	32.6	33.0	37.1	3*			
Parkway Academy	1*				2*			
Pembroke Pines	403	40.5	41.1	42.7	171	44.5	44.1	45.7
Somerset Academy	38	37.2	37.8	40.3	0*			

*No data reported when less than ten students tested.

Next Steps

Broward's commitment to providing broader educational opportunities, which provide students with experience and knowledge needed for success in college-level coursework, is evident in the continued increase in PSAT participation. School staff will use PSAT results as an additional source of information to identify students for Honors or Advanced Placement courses for the coming school year. Area Directors and Principals will examine school participation rates and will take steps to increase participation, particularly when the schoolwide or by ethnicity rate falls below 50%.

References

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