

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

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Approved memorandum with signatures is on file.

May 5, 2005

TO: School Board Members

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

VIA: Frank Till
Superintendent of Schools

SUBJECT: **REVISED 2003-04 ADVANCED PLACEMENT PROGRAM RESULTS**

Following the release of the 2003-04 Advanced Placement Program Results Report on February 2, 2005, an issue involving the number students enrolled in a specific Advanced Placement (AP) course and the percent of AP examinations administered was brought to the attention of district staff. Specifically, at schools which are (1) on a block schedule and (2) offer both AP Calculus AB and AP Calculus BC, there are a number of students who were enrolled in AP Calculus AB during the first semester of the 2003-04 school year and who were subsequently enrolled in AP Calculus BC during the second semester. However, these students did not participate in both the AP Calculus AB examination and the AP Calculus BC examination, as the College Board only permits students to take one of the AP examinations, either AB or BC – not both. The vast majority of these students participated in the AP Calculus BC examination, which is the higher level course. As a result of this issue, school participation rates in AP exams for block schools that offer both AB and BC Calculus were not accurately reflected on the 2004 Advanced Placement (AP) Recap Report and subsequently were not accurately reflected in the 2003-04 Advanced Placement Program Results Report released on February 2, 2005. The programming previously used by district staff to produce the AP Recap Report calculated student enrollment separately from exam participation, meaning that participation rates for the AP Calculus exams at the block schools where students were enrolled in both AP Calculus AB and AP Calculus BC were lower than they should be. The previous programming reported, for example, that there were 61 students enrolled in Calculus AB, but only 20 AP Calculus AB examinations were administered, for a 33 percent participation rate. However, for Calculus BC, 42 students were reported as enrolled in Calculus BC with 42 examinations administered for a 100 percent participation rate. This did not present an accurate picture, as some of the Calculus AB students took the Calculus AB examination, but some of the Calculus AB students participated in the Calculus BC examination.

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Once district staff was alerted of this, the programming used to produce the 2004 Advanced Placement (AP) Recap Report was corrected. The programming change now removes students from the Calculus AB enrollment if the student was subsequently enrolled in the AP Calculus BC course and sat for the Calculus BC examination. While this programming change resulted in fewer students being reported as enrolled in AP Calculus AB, it now more accurately reports the percent of examinations administered versus the actual number of students sitting for the examination. Consequently, the 2003-04 Advanced Placement Program Results report was revised to reflect the corrected participation rates, and the accurate data may be found in Appendix A for district results and in Appendix B for school-by-school results of the attached report. In addition, a scrivener's error has been corrected. The scrivener's error has been rectified as seen in Appendix D for Coral Springs High School, Charles Flanagan High School, and Coral Springs Charter School.

This memorandum and the revised 2003-04 Advanced Placement Program Results report can be accessed on the Student Assessment & School Performance website at <http://www.broward.k12.fl.us/studentassessment/reports.htm>. If you have any questions regarding this report please feel free to contact **me at (754) 321-2470 or Kimberley Kraft, Director of Student Assessment & School Performance, at (754) 321-4257.**

FT/KB/KK/DG:sjm

Attachments

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

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA



Research, Evaluation, Assessment & Boundaries Student Assessment & School Performance Department

2003-04 ADVANCED PLACEMENT PROGRAM RESULTS

In keeping with Broward County Public Schools' goal of: *All students will achieve at their highest potential*, data for the 2003-04 school year show that significantly more Broward high school students continue to take advantage of the availability of Advanced Placement (AP) coursework each year. Review of the data for the past three school years demonstrates that both the number of students enrolled in AP courses and those taking AP examinations have risen dramatically in the time period. Furthermore, even with the increased number of students participating in the program, average scores reflected levels of performance in line with students statewide and globally and remained at a high level of performance this year. In addition, 100% of Broward County High Schools with 9th through 12th grade enrollments offer students access to the full complement of Advanced Placement core courses through on-site offerings or via distance learning opportunities. The three schools (Atlantic Technical, Everglades, and Monarch) that presently do not offer all of the core AP courses are continuing to add AP courses each year as these schools add grade levels to their high school programs. Furthermore, the majority of high schools provide AP course offerings that extend well beyond the core AP curriculum courses, with 27 schools (93%) offering nine or more AP courses and two high schools (Charles Flanagan and Stoneman Douglas) each offering 26 Advanced Placement courses to students.

Increasing student participation in rigorous coursework is strongly supported by the School Board of Broward County and the Superintendent of Broward County Public Schools, and as such, is included as an outcome measure on the Superintendent's annual evaluation instrument.

Background

The AP program is a nationally recognized, successful strategy for introducing students to the challenges of college-level work while they are still in high school. The AP program:

- is structured so that high schools can offer college level work in 35 courses covering 19 fields of study,
- provides an opportunity for students enrolled in AP courses and others who have completed related honors courses or studied independently to be examined on a level similar to college level course standards, and
- provides voluntary staff development for AP teachers through consultants, workshops, and publications by College Board staff.

AP examinations are scored on a scale ranging from one to five (1: no recommendation, 2: possibly qualified, 3: qualified, 4: well qualified, and 5: extremely well qualified). Higher education institutions worldwide award college credit or advanced placement to students for AP coursework, with each college or university deciding which AP examination score and course will be accepted. Most higher education institutions grant credit and/or advanced placement for AP scores of 3 or better. Therefore, the standard for competency has been defined as a score of 3 or above.

Students enrolled in AP courses in Broward County Public Schools are required under School Board Policy 6000.1 to participate in the AP examination. Students who believe they will be successful on the AP examinations based on participation in other rigorous academic curriculum, such as International Baccalaureate (IB) classes, may sit for the examination(s) even though they are not enrolled in AP courses.

Examination dates are determined by the College Board and are scheduled in May. Districts may not modify administration dates. Broward staff has requested an additional administration date in January to accommodate schools following a 4x4 block schedule. That request, however, has been denied.

Funding

The Broward County Public School District covers the cost of the AP examination for students enrolled in AP or IB courses. The College Board allows a fee reduction of \$22 per test for students who qualify for free/reduced lunch services. Currently, Broward students not enrolled in an AP class or IB class, home education students, and private school students are individually responsible for the cost of the assessments in which they participate.

District cost for the examinations during the 2003-04 school year was \$948,020. The Florida Department of Education (DOE) provides school district funding for the AP Program through an annual allocation based on test performance. Each AP examination scored 3 and above generates .24 FTE per student (\$918 per score of 3 or higher during the 2003-04 school year). A preliminary budget analysis indicates that Broward will receive approximately \$5,946,358 in AP funding for the 2004-05 school year.

Funding is then distributed to individual schools based on the number of test scores at 3 or above in that school. The allocation may be used for purposes of increasing student achievement in AP coursework by such methods as increasing access to pre-AP courses and distance learning programs, as well as providing staff development opportunities for participating teachers.

Findings – Global, Florida, and Broward

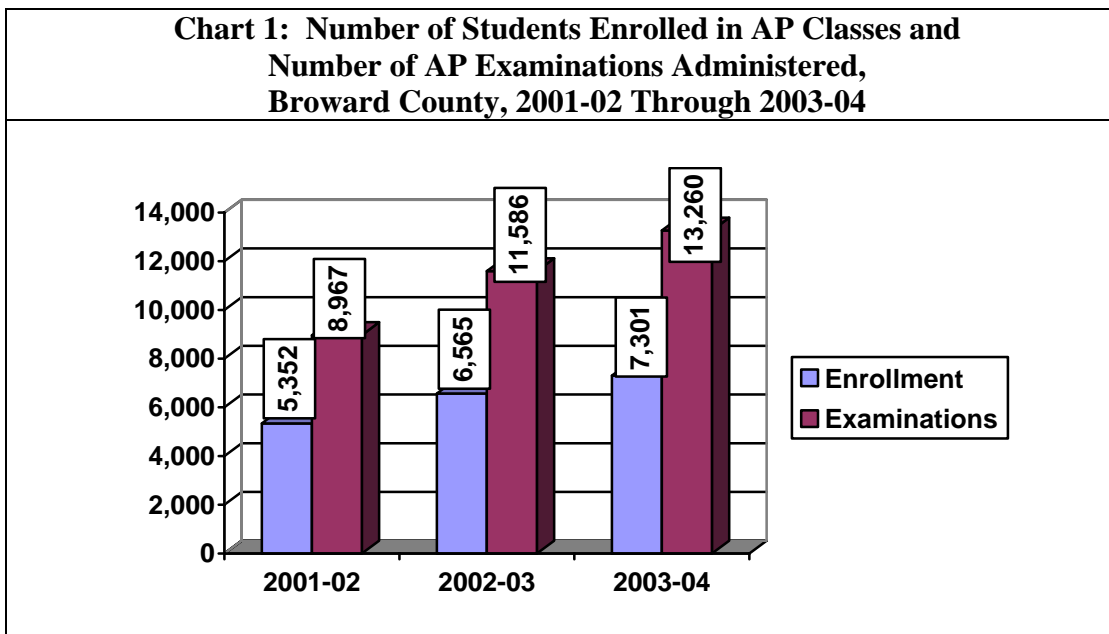
AP Enrollment and Number of Examinations Administered. Table 1 provides the number of students enrolled in AP courses and the number of AP examinations administered across the Globe, for Florida, and in Broward from 2001-02 through 2003-04. Chart 1 illustrates data for Broward only. Florida and Global data is from the *College Board AP Distribution Report*. Broward data reported in Table 1 and Chart 1 is from the *Broward County Advanced Placement Recap Report*.

During the three-year period depicted in Table 1, Broward County posted a 36 percent increase in the number of students enrolled in AP classes (5,352 to 7,301) and a 48 percent increase in the number of AP exams administered (8,967 to 13,260). In comparison, across the Globe, there was a 17 percent increase in the number of students enrolled and a 19 percent increase in the number of AP exams administered. Statewide, there was a 31 percent increase in the number of students enrolled and a 35 percent increase in the number of AP exams administered.

Although Broward is experiencing an increase in the number of AP students and exams administered, the total number of AP students (7,301) comprises only ten percent of the district total high school enrollment. Results of the Preliminary Scholastic Aptitude Test (PSAT) have been used successfully in identifying academically promising students for participation in AP courses. PSAT results should continue to be examined to ensure that all eligible high school students are enrolled in AP courses.

Location	Number of Students Enrolled			Number of Examinations Administered		
	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Global*	937,951	1,017,396	1,101,802	1,585,516	1,737,231	1,887,770
Florida	59,076	70,182	77,309	104,061	126,367	140,297
Broward	5,352	6,565	7,301	8,967	11,586	13,260

*Worldwide: Number of countries varies and includes military and exchange students.



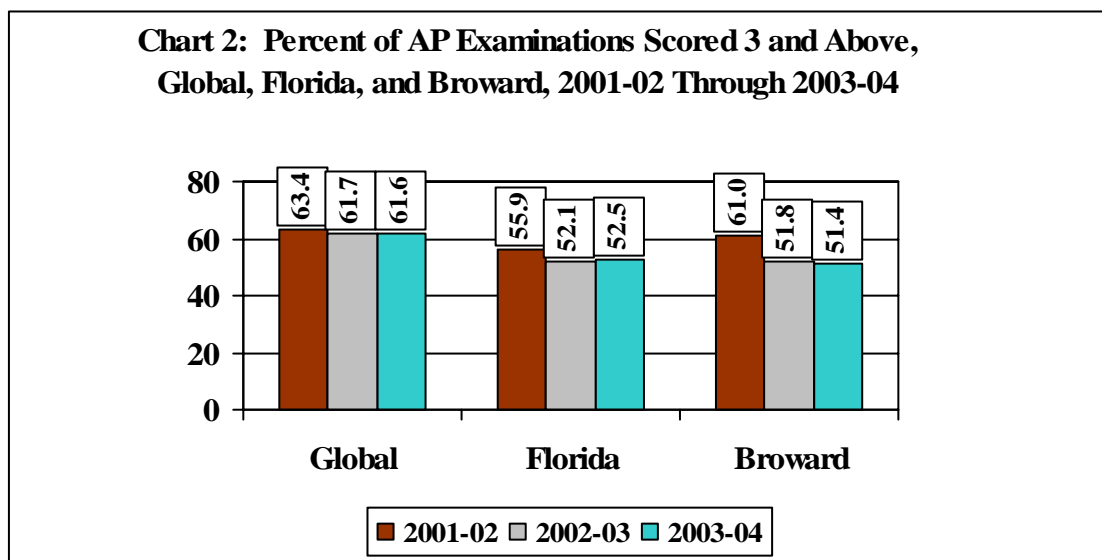
As presented in Table 1, the number of students enrolled in AP courses has increased across the Globe, for Florida, and in Broward each year from 2001-02 to 2002-03 and from 2002-03 to 2003-04. When focusing on Broward, Chart 1 illustrates growth of 1,213 additional students

from 2001-02 to 2002-03 (from 5,352 to 6,565) and 736 additional students from 2002-03 to 2003-04 (from 6,565 to 7,301). Regarding the number of AP exams as presented in Table 1, an increasing trend is noted for district, state, and globe over the same three-year timeframe. When reviewing Chart 1 in reference to the number of examinations in Broward from 2001-02 through 2003-04, increases are clearly depicted. The 2001-02 number of 8,967 examinations soared to 11,586 (+2,619) in 2002-03 and rose even further to 13,260 (+1,674) in 2003-04. As many students are enrolled in multiple AP courses and therefore participate in more than one AP examination, the number of examinations exceeds the number of students enrolled.

AP Mean Scores and Number and Percent of Scores 3 and Above. Table 2 provides a comparison of AP mean scores, the number of AP scores 3 and above, and the percent of AP scores 3 and above for Global, Florida, and Broward participants from 2001-02 through 2003-04. Chart 2 illustrates the proportion of scores 3 and above for Global, Florida, and Broward. Data in Table 2 is reported as released by the *College Board AP Distribution Report*.

	Mean Score			Number 3 and Above			Percent 3 and Above		
	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Global*	3.00	2.96	2.96	1,005,486	1,071,439	1,163,113	63.4	61.7	61.6
Florida	2.79	2.69	2.70	58,123	65,789	73,587	55.9	52.1	52.5
Broward	2.97	2.70	2.70	5,460	5,993	6,810	61.0	51.8	51.4

*Worldwide: Number of countries varies and includes military and exchange students.



As shown in Table 2, the number of AP examinations with scores of 3 and above has steadily increased during the three-year period reported in the table. However, as indicated in the table and Chart 2, the percent of AP examination scores of 3 and above has declined during the same time period. Additionally, as seen in Table 2, the 2003-04 mean scores for Broward, Florida, and globally remained stable from the previous year with no change in Broward (2.70 vs. 2.70) or globally (2.96 vs. 2.96). A slight increase is seen across Florida (2.70 vs. 2.69).

Findings – Broward by Ethnicity

In general, Broward students continue to demonstrate success in the most rigorous of high school coursework, Advanced Placement. However, it is important to note that research indicates there is still evidence of gaps in the achievement of diverse ethnic groups. Recognizing that participation in Advanced Placement courses is an important mechanism for closing the gap, this report includes an analysis of AP scores by ethnicity.

Number and Percent of Students Enrolled in AP Courses by Ethnicity, 2000-01 Through 2003-04. Student academic history records were extracted from the district’s data warehouse to examine enrollment rates for Black, Hispanic, and White students for a four-year period from 2000-01 to 2003-04. The analysis focuses on these three ethnic groups, as these students represent the largest population of students in Broward County. As revealed in Table 3, the number and percent of students enrolling in these courses differs among the three ethnic groups examined. During each of the four school years examined, White students were more likely to enroll in Advanced Placement courses than were Hispanic or Black students. The longitudinal enrollment trends are displayed in Figure 1. Examination of these trends revealed an enrollment increase for each group, although the rate of increase differs among groups. Whereas White students registered a five percentage point enrollment rate increase, Hispanic and Black students registered increases of 3.6 and 2.1 percentage point enrollment rate increase, respectively, over the same time period.

Ethnicity	Number of Students Enrolled				Percent of Students Enrolled			
	2000-01	2001-02	2002-03	2003-04	2000-01	2001-02	2002-03	2003-04
Black	669	886	1,146	1,231	2.6	3.3	4.6	4.7
Hispanic	945	1,194	1,512	1,741	7.5	8.2	10.6	11.1
White	2,418	2,881	3,461	3,692	8.8	10.4	13.1	13.8

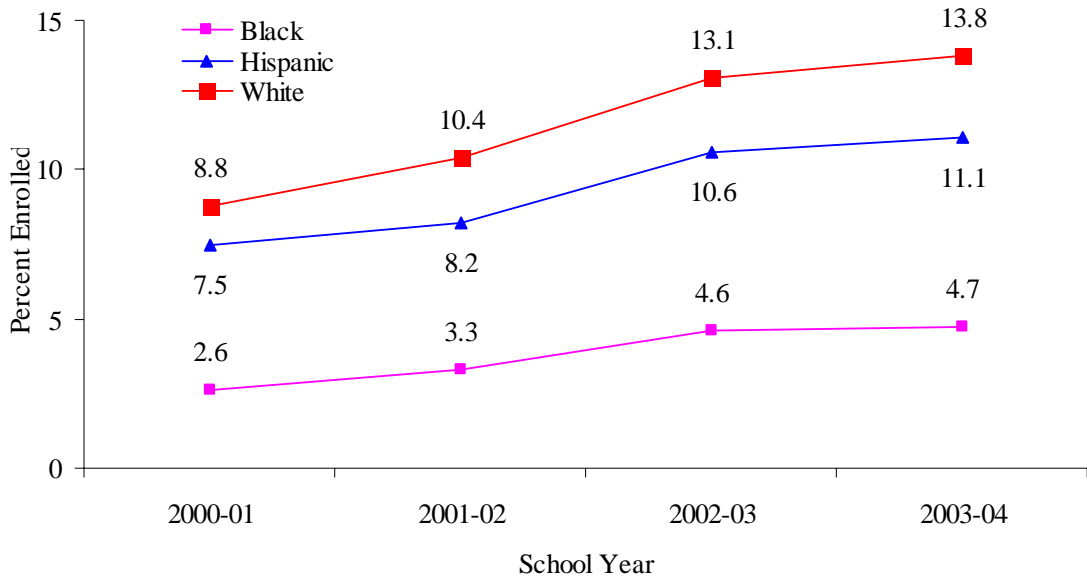


Figure 1. Advanced Placement Enrollment Rates by Ethnicity, Broward County, 2000-01 Through 2003-04

Number of Students Participating in AP Examinations and Number of AP Examinations Administered by Ethnicity, 2001-02 Through 2003-04. As noted in Appendix A, on average, 95% of students enrolled in AP courses in Broward County participate in AP Exams. Table 4 presents the number of students in each ethnicity category participating in AP examinations and the accompanying proportion of those students out of the district total, where applicable. The data is reported as released from *The College Board School Distribution by Ethnic Group Report*. In addition, the table reports number of AP examinations by ethnicity, with an average number of exams per student calculation provided in parentheses. Data are provided by College Board for the 2001-02 through 2003-04 school years. Although all ethnic categories as identified by the College Board are included in the table, the narrative below focuses only on the three categories of African American/Black, Hispanic/Puerto Rican, and White, as these students represent the largest population of students in Broward County.

Ethnicity	Number of Students Tested			Number of Examinations		
	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Broward	5,083	6,301	7,131	8,967 (1.76)	11,586 (1.84)	13,260 (1.86)
American Indian/Alaskan Native	11	7	19	18	17	33
African American/Black	733 (14%)	963 (15%)	1,103 (15%)	1,120 (1.53)	1,555 (1.61)	1,770 (1.60)
Asian American/Asian	417 (8%)	494 (8%)	570 (8%)	882 (2.12)	1,123 (2.27)	1,359 (2.38)
Chicano/Mexican	30	41	52	59	67	87
Hispanic/Puerto Rican	1,188 (23%)	1,601 (25%)	1,888 (26%)	1,819 (1.53)	2,533 (1.58)	3,028 (1.60)
White	2,343 (46%)	2,787 (44%)	3,067 (43%)	4,424 (1.89)	5,558 (1.99)	6,228 (2.03)
Other	216	271	286	420	502	507
Not Stated	145	137	146	225	231	248

As noted in Table 4, all three major groups of African American/Black, Hispanic/Puerto Rican, and White students demonstrate gains in the number of AP participants. **The average number of AP examinations per student increased slightly for White students this year from the previous year, while the average number of examinations per student for African American/Black students and Hispanic/Puerto Rican students remained steady.**

Considering the proportion of AP participants by ethnicity in light of overall high school enrollment for 2003-04, African American/Black students remained underrepresented in AP classes, while Hispanic/Puerto Rican and White students were highly represented. That is, 37 percent of the high school student body in 2003-04 was African American/Black while only 15 percent of AP enrollees were African American/Black. The reverse is seen for Hispanic/Puerto Ricans who made up 22 percent of Broward's high school population and 26 percent of AP participants and for White students who made up 37 percent of 9th to 12th graders

across the district and who represent 43 percent of those in AP classes. However, it should be noted that the proportional representation of African American/Black students has remained steady from 2001-02 (14% of participants) to 2003-04 (15%).

When the data is examined over the course of the three-year period shown in the table above, the highest proportional increase in AP participation occurred among Hispanic/Puerto Rican students and African American/Black students. Among Hispanic/Puerto Rican students, the increase in student participation in AP examinations from 2001-02 to 2003-04 was 700 students, representing a 59% increase over the three-year timeframe. Among African American/Black students, an additional 370 students participated in AP exams, representing a 50% increase in the time period. In comparison, among White students, an additional 724 students participated in AP examinations, representing only a 31% increase over the number of participants in 2001-02, and among Asian American/Asian students, an additional 153 students participated in AP examinations, representing a 37% increase over 2001-02.

AP Mean Scores, Number of AP Scores 3 and Above, and Percent of AP Scores 3 and Above, 2001-02 Through 2003-04. Table 5 presents average AP scores, number of AP scores 3 and above and percent of AP scores 3 and above by ethnicity for Broward over the past three years. Again, all data by ethnicity categories included in the table are as reported by the College Board. Discussion regarding findings will focus on the major categories of African American/Black, Hispanic/Puerto Rican, and White.

As the number of students participating increases it is expected that a decrease in mean scores will result. As displayed in Table 5, the number of scores 3 and above has increased significantly each year from 2001-02 through 2003-04. However, while mean scores and the percent of scores 3 and above decreased significantly from 2001-02 to 2002-03 they remained stable from 2002-03 to 2003-04.

Ethnicity	Mean Score			Number 3 and Above			Percent 3 and Above		
	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Broward	2.97	2.70	2.70	5,460	5,993	6,810	61.0	51.8	51.4
American Indian/Alaskan	2.56	2.41	2.45	11	9	14	61.1	52.9	42.4
African American/Black	2.33	2.11	2.12	449	482	568	40.1	31.0	32.1
Chicano/Mexican	3.02	2.91	2.75	38	39	44	64.4	58.2	50.6
Asian American/Asian	2.88	2.70	2.69	528	566	713	59.9	50.4	52.5
Hispanic/Puerto Rican	3.27	2.96	2.97	1,217	1,447	1,748	66.9	57.1	57.7
White	3.06	2.77	2.75	2,878	3,113	3,376	65.1	56.0	54.2
Other	2.77	2.45	2.48	225	215	216	56.1	43.8	42.6
Not Stated	2.81	2.71	2.75	114	122	131	50.7	52.8	52.8

As seen in Table 5, **while mean AP scores for Hispanic/Puerto Rican and White students were above the district average for the past three years, only the Hispanic/Puerto Rican students' AP mean scores consistently surpassed all other groups reported at 3.27 in 2001-02, 2.96 in 2002-03 and 2.97 in 2003-04.** African American/Black students fell below the district mean all three years (African American/Black: 2.33 in 2001-02, 2.11 in 2002-03, and 2.12 in 2003-04). Nonetheless, increases in the number of students scoring at 3 and above were noted for African American/Black students, Hispanic/Puerto Rican students, and White students over the past three years.

Subject Results

The AP Recap Report is attached as Appendix A. The report provides information by AP course from 2001-02 through 2003-04. Included is AP enrollment, AP examination participation, and 3 and above score data. Broward students participated in every AP subject area except one: International English. **It is important to note that the number of exams in specified subject areas significantly increased from 2001-02 to 2002-03 and remained stable in 2003-04, as has the percent of AP exams administered. Additionally, the number of AP scores 3 and above has increased steadily over the three year period from 2001-02 to 2003-04. However, the percent of students scoring at 3 and above decreased dramatically in 2002-03 from the previous year while remaining stable in 2003-04.**

As reported in Appendix A, of the 30 subject areas with sufficient numbers of students participating to allow reporting of data, the number of AP examinations administered over the past three years has increased in 27 AP subject areas and decreased in 3 areas. The number of students scoring at 3 and above increased in 23 subject areas and decreased in 7 subject areas, while the percent of students earning a score of 3 and above increased in 2 subject areas and decreased in 28 subject areas. The findings are as follows:

- Increases in the number of AP examinations, the number scoring 3 and above, and the percent scoring 3 and above are noted in one AP subject area (Statistics).
- Human Geography increased in the number of exam participants from 116 to 263, increased in the number of students scoring 3 and above from 74 to 166, and remained relatively stable in the percent of students scoring 3 above (63.8% to 63.1%). A similar finding is seen for World History, where the number of exam participants increased from 99 to 146, the number scoring 3 and above increased from 37 to 53, and the percent scoring 3 and above went from 37.4% to 36.3%.
- History of Art increased in number of exams from 89 to 145, increased in the number scoring 3 and above from 41 to 50, and decreased in percent scoring 3 and above from 46.1% to 34.5%.
- Chemistry increased number of exams from 266 to 425, increased number scoring 3 and above from 140 to 187, and decreased percent scoring 3 and above from 52.6% to 44.0%.
- Economics: Microeconomics increased number of exams from 74 to 175, increased number scoring 3 and above from 44 to 82, and decreased percent scoring 3 and above from 59.5% to 46.9%.
- Economics: Macroeconomics increased in number of exams from 36 to 291, increased number scoring 3 and above from 17 to 90, and decreased percent scoring 3 and above from 47.2% to 30.9%.

- Government & Politics: US increased number of examinations from 729 to 1,073, increased number scoring 3 and above from 414 to 422, and decreased percent scoring 3 and above from 56.8% to 39.3%.

Although it is expected that as the number of students participating increases, some decrease in percent of students scoring 3 and above will be evidenced, the decreases mentioned above are of statistical significance and warrant further attention.

Individual School Results

In reviewing individual school aggregate results included in Appendix B, significant improvement is noted from 2001-02 to 2003-04 at several schools when compared to district averages:

- Coconut Creek High School posted remarkable improvement in four areas: Number of AP Exams, Percent of AP Exams, Number of AP Exams 3 and above, and Percent of AP Exams 3 and above.
- William T. McFatter Technical reported considerable gains in four areas: Number of AP Students, Number of AP Exams, Number of AP Exams 3 and above, and Percent of AP Exams 3 and above.
- Eight schools (Coral Springs Charter, Fort Lauderdale, Northeast, Pembroke Pines Charter, South Plantation, Stoneman Douglas, Stranahan, and Taravella) evidenced impressive improvement in the Number of AP Students, Number of AP Exams, and Number of AP Exams 3 and above.

As can be noted in Appendix B, there are several school findings that require attention:

- School Board Policy 6000.1 stipulates that students enrolled in AP classes are required to participate in the AP exam. Review of the participation rates provided in the Broward County AP Recap Report indicates that ~~three one schools (Blanche Ely, Coral Springs, and Dillard)~~ continues to fall short of district-wide averages in terms of the proportion of students participating in AP examinations out of the total number of students enrolled in AP courses.
- Several schools are evidencing decreases in participation rates and/or percent achieving 3 and above scores over the three-year timeframe.
- Charter School results show that although Somerset Academy has students who participate in the exams, no students are actually enrolled in AP classes. The percent of students who score at 3 or above continues to be below district averages at all charter schools. North Lauderdale Academy indicated an AP enrollment of 39, while no students scored at 3 or above.
- At Western High School, declines are seen in most areas during the three-year period. However, the opening of new high schools may have contributed to the decreasing numbers at Western.

For 2003-04 it is also noted that four schools (Atlantic Technical, Coconut Creek, Deerfield Beach, Wm. T. McFatter Technical) show a percent greater than 100 in the percent exams column. This finding is due to students in courses such as International Baccalaureate

(IB) and honors being allowed the opportunity to sit for the AP exam when they have not been enrolled in the AP course. District policy allows students who have participated in high rigor courses to sit for the exam based on school level approval.

Citizens Concerned about our Children (CCC) Agreement and AP Core Course Offerings

In 1999, CCC and the School Board of Broward County entered into a legal agreement concerning the equality of opportunities and standards for all students across the district. Section five of the agreement specified the development of a core of AP and Honors courses to be available to students at all Broward County Public High Schools. These core courses ensure that all students have equal access to the same educational opportunities. In compliance with the Agreement, the Office of Research and Evaluation reviewed the AP and Honors course data to examine whether core course offerings were expanded to all high schools in December 2000. Findings demonstrated that nearly two-thirds (16) of the high schools offered the required AP core courses. A recommendation was made that "...area directors should work with principals of those high schools that do not meet the core requirements of the CCC Agreement to increase AP course offerings."

Appendix C provides a listing of all AP courses offered by school and highlights those specified in the CCC Agreement. AP core courses include the following classes: AP English Literature, AP English Language, AP Calculus AB, AP Biology, AP US History, and AP Spanish or AP French. Table 6 summarizes by school the status toward meeting the AP core course requirement in 2001-02 through 2002-03. Data indicates that 100% of Broward County High Schools with 9th through 12th grade enrollments offer students access to the full complement of Advanced Placement core courses through on-site offerings or via distance learning opportunities. The three schools (Atlantic Technical, Everglades, and Monarch) that presently do not offer all of the core AP courses are continuing to add AP courses each year as these schools add grade levels to their high school programs. The two comprehensive high school programs which opened their doors in 2003-04 (Everglades High and Monarch High) are expected to be at full compliance no later than the 2006-07 school year. Coral Glades High, which opened its doors this year, is expected to be at full compliance by the 2007-08 school year. Furthermore, as shown in Appendix C, the majority of high schools provide AP course offerings that extend well beyond the core AP curriculum courses, with 27 schools (93%) offering nine or more AP courses and two high schools (Charles Flanagan and Stoneman Douglas) each offering 26 Advanced Placement courses to students.

Appendix D provides individual school data from 2001-02 to 2003-04. The tables disaggregate by ethnicity and report overall school enrollment, AP course enrollment, and number scoring 3 and above on the AP examinations.

School	Met AP Course Requirement?		
	2001-02	2002-03	2003-04
Atlantic Technical*	N/A	No (AP Biology, AP Calculus AB, AP English Language, AP English Literature, AP French or Spanish, U.S. History)	No (AP Biology, AP Calculus AB, AP English Language, AP English Literature, U.S. History)
Boyd Anderson	No (AP English Language)	Yes	Yes
Blanche Ely	Yes	Yes	Yes
Coconut Creek	Yes	Yes	Yes
Cooper City	Yes	Yes	Yes
Coral Springs	Yes	Yes	Yes
Cypress Bay	N/A	No (English Literature)	Yes
Deerfield Beach	Yes	Yes	Yes
Dillard	No (AP Biology)	Yes	Yes
Everglades*	N/A	N/A	No (AP Biology, AP English Literature)
Charles Flanagan	Yes	Yes	Yes
Fort Lauderdale	Yes	Yes	Yes
Hallandale	Yes	Yes	Yes
Hollywood Hills	Yes	Yes	Yes
McArthur	Yes	Yes	Yes
William T. McFatter Technical High School	No (AP Biology, AP Calculus AB, AP English Literature, AP English Language, AP French or Spanish)	Yes	Yes
Miramar	Yes	Yes	Yes
Monarch*	N/A	N/A	No (AP Biology, AP Calculus AB, AP English Literature)
Northeast	No (AP English Literature)	Yes	Yes
Nova	Yes	Yes	Yes
Piper	Yes	Yes	Yes
Plantation	Yes	Yes	Yes
Pompano Beach Institute	Yes	Yes	Yes
South Broward	Yes	Yes	Yes
South Plantation	Yes	Yes	Yes
Stoneman Douglas	Yes	Yes	Yes
Stranahan	Yes	Yes	Yes
J.P. Taravella	Yes	Yes	Yes
Western	Yes	Yes	Yes

*School did not have the full range of 9th to 12th grade students in the 2003-04 school year.

Actions Underway and Proposed Next Steps

In an effort to expand AP offerings, to increase student participation in AP courses, and to increase student scores of 3 and above on those assessments, staff has implemented a range of actions to reach these targets. Several actions are noted below:

Ongoing Actions

- Uniform entrance criteria to advanced courses have been established districtwide. Schools may not add to or subtract from the prerequisites required by the state for advanced courses.
- A district “parent preference” form has been developed to allow parents to place their children in advanced coursework on a probationary basis.
- Parents of 8th and 9th grade students receive district developed correspondence explaining high school advanced academic options including AP, dual enrollment, and honors coursework. Parents are asked to encourage their children to visit with the guidance counselor for further information.
- Beginning in 2004-05, all 10th grade students are required to take the PSAT. The pre-college entrance examinations are analyzed by the College Board. School reports are provided to identify those students who are deemed capable of succeeding in AP coursework based on test results. The data are used for guidance and course selection activities.
- The College Board’s Vertical Team initiative has been implemented districtwide and is continuously reinforced through staff development at the annual Advanced Academics Summer Institute.
- Broward has been an active participant in staff development activities sponsored by the Florida Partnership for Student Achievement, a contract for services between Florida Department of Education and The College Board.
- Broward has been a host site for several College Board workshops and through that effort has involved a greater number of local teachers and guidance counselors in the staff development activities.
- Student Predictions Flags have been added to the Data Warehouse to identify students who may be ready for AP classes as well as those who may be nearly ready and for whom some extra assistance may prove to make the difference. School staffs review the prediction flags and encourage students to participate as appropriate. Access to the Virtual Counselor by school personnel and parents aids in the identification of eligible students.
- Master course schedules are reviewed by Area Directors to ensure the full complement of AP core courses is offered at each school site and that when a core course cannot be offered; students are encouraged to participate in a distance learning program.

Proposed New Actions

- All teachers newly assigned to teach AP courses and/or those with below 50% passing rates should participate in the Advanced Academics Summer Institute which will be provided in 2005 by the Department of Advanced Academic Programs. In addition, curriculum staff should provide on-going support to schools with 50% or less passing rates.
- Entrance criteria to all AP courses should be reviewed annually by Area staff on a school-by-school basis to ensure equity and uniformity of access to AP courses by all students.
- The Student Assessment & School Performance Department will collaborate with Research Services and Education Technology Services (ETS) to ensure that the student prediction

readiness flag reports and the PSAT test results are both available by March for reference when completing student schedules for the coming school year. These data should be used conjointly to identify those students who are capable of succeeding in AP coursework and to ensure that identified students are appropriately enrolled in AP classes.

- After the 10 Day Count, Research Services will provide to Area Superintendent and schools students identified as ready for AP classes who are not enrolled in an AP course.

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APPENDIX A
 The School Board of Broward County
 Advanced Placement Recap Report

Recap for District	Year	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 & Above
All Advanced Placement	2001-02	8,967	92.1% <u>93.3%</u>	5,470	61.0%
	2002-03	11,586	94.0% <u>94.9%</u>	5,996	51.8%
	2003-04	13,260	95.1% <u>96.1%</u>	6,810	51.4%
Art: History of	2001-02	89	92.7%	41	46.1%
	2002-03	96	79.3%	41	42.7%
	2003-04	145	99.3%	50	34.5%
Art: Studio-Drawing Portfolio	2001-02	105	83.3%	87	82.9%
	2002-03	88	73.3%	58	65.9%
	2003-04	108	69.2%	61	56.5%
Art: Studio-2-D Design	2001-02	98	92.5%	84	85.7%
	2002-03	100	104.2%	81	81.0%
	2003-04	131	104.8%	90	68.7%
Art: Studio-3-D Design	2001-02	42	77.8%	27	64.3%
	2002-03	27	75.0%	23	85.2%
	2003-04	32	114.3%	22	68.8%
Biology	2001-02	582	93.6%	278	47.8%
	2002-03	768	98.6%	311	40.5%
	2003-04	634	96.5%	279	44.0%
Chemistry	2001-02	266	86.6%	140	52.6%
	2002-03	399	98.3%	156	39.1%
	2003-04	425	97.5%	187	44.0%
Computer Science A	2001-02	93	69.9%	59	63.4%
	2002-03	79	79.0%	39	49.4%
	2003-04	82	81.2%	38	46.3%
Computer Science AB	2001-02	25	18.8%	16	64.0%
	2002-03	21	21.0%	7	33.3%
	2003-04	14	13.9%	3	21.4%
Economics: Microeconomics	2001-02	74	105.7%	44	59.5%
	2002-03	168	80.4%	76	45.2%
	2003-04	175	85.8%	82	46.9%
Economics: Macroeconomics	2001-02	36	189.5%	17	47.2%
	2002-03	175	116.7%	46	26.3%
	2003-04	291	101.7%	90	30.9%
English Language & Composition	2001-02	1,004	102.0%	623	62.1%
	2002-03	1,307	100.8%	667	51.0%
	2003-04	1,561	101.5%	779	49.9%
English Literature & Composition	2001-02	980	104.9%	577	58.9%
	2002-03	1,132	104.3%	611	54.0%
	2003-04	1,201	102.1%	622	51.8%

APPENDIX A (Continued)

Recap for District	Year	# AP Exams	% AP Exams	#AP Scores 3 & Above	% AP Scores 3 & Above
Environmental Science	2001-02	218	95.6%	102	46.8%
	2002-03	305	95.9%	132	43.3%
	2003-04	349	97.5%	138	39.5%
European History	2001-02	289	98.0%	158	54.7%
	2002-03	366	97.9%	217	59.3%
	2003-04	379	99.5%	195	51.5%
French Language	2001-02	99	104.2%	62	62.6%
	2002-03	94	93.1%	52	55.3%
	2003-04	129	107.5%	79	61.2%
French Literature	2001-02	0	*	*	*
	2002-03	11	100.0%	2	18.2%
	2003-04	1	*	*	*
Human Geography	2001-02	116	57.4%	74	63.8%
	2002-03	202	96.7%	101	50.0%
	2003-04	263	99.2%	166	63.1%
German Language	2001-02	1	*	*	*
	2002-03	2	*	*	*
	2003-04	4	*	*	*
Government & Politics: U.S.	2001-02	729	98.6%	414	56.8%
	2002-03	1,059	97.2%	451	42.6%
	2003-04	1,073	97.6%	422	39.3%
Government & Politics: Compr	2001-02	18	105.9%	13	72.2%
	2002-03	53	100.0%	9	17.0%
	2003-04	92	92.9%	7	7.6%
Latin: Virgil	2001-02	0	*	*	*
	2002-03	11	100.0%	6	54.5%
	2003-04	0	*	*	*
Latin Literature	2001-02	14	280.0%	9	64.3%
	2002-03	16	100.0%	0	0.0%
	2003-04	6	*	*	*
Mathematics: Calculus AB	2001-02	581	79.3% <u>95.7%</u>	430	74.0%
	2002-03	681	83.3% <u>97.4%</u>	452	66.4%
	2003-04	825	87.1% <u>101.2%</u>	468	56.7%
Mathematics: Calculus BC	2001-02	224	92.2%	183	81.7%
	2002-03	244	92.1%	182	74.6%
	2003-04	311	94.5%	216	69.5%
Music: Theory	2001-02	41	85.4%	18	43.9%
	2002-03	36	90.0%	11	30.6%
	2003-04	48	111.6%	19	39.6%

* Note: No data given when fewer than 10 students tested.

APPENDIX A (Continued)

Recap for District	Year	# AP Exams	% AP Exams	#AP Scores 3 & Above	% AP Scores 3 & Above
Physics B	2001-02	162	83.5%	99	61.1%
	2002-03	209	91.3%	94	45.0%
	2003-04	193	93.7%	73	37.8%
Physics C – Mechanics	2001-02	102	103.0%	72	70.6%
	2002-03	139	95.9%	61	43.9%
	2003-04	171	96.6%	70	40.9%
Physics C – Electric & Magnet	2001-02	36	0.0%	22	61.1%
	2002-03	36	0.0%	23	63.9%
	2003-04	44	0.0%	24	54.5%
Psychology	2001-02	845	97.5%	559	66.2%
	2002-03	1,090	97.0%	606	55.6%
	2003-04	1,465	96.8%	834	56.9%
Spanish Language	2001-02	630	98.0%	562	89.2%
	2002-03	777	98.9%	686	88.3%
	2003-04	907	101.1%	804	88.6%
Spanish Literature	2001-02	94	94.0%	80	85.1%
	2002-03	139	91.4%	96	69.1%
	2003-04	155	94.5%	112	72.3%
Statistics	2001-02	284	95.6%	101	35.6%
	2002-03	339	90.6%	140	41.3%
	2003-04	445	97.4%	170	38.2%
U.S. History	2001-02	991	99.4%	481	48.5%
	2002-03	1,288	97.5%	476	37.0%
	2003-04	1,455	100.0%	652	44.8%
World History	2001-02	99	101.0%	37	37.4%
	2002-03	129	102.4%	81	62.8%
	2003-04	146	109.0%	53	36.3%

APPENDIX B
The School Board of Broward County
Advanced Placement Recap Report

AP Individual School Test Results for North Area						
School	Year	# AP Students	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 & Above
Coconut Creek	2001-02	116	140	95.9%	33	23.6%
	2002-03	156	220	95.7%	71	32.3%
	2003-04	154	241	103.0%	88	36.5%
Coral Springs	2001-02	246	491	84.8% 91.3%	348	70.9%
	2002-03	272	565	88.1% 94.0%	371	65.7%
	2003-04	247	516	84.3% 90.7%	370	71.7%
Deerfield Beach	2001-02	179	400	142.3%	239	59.8%
	2002-03	187	425	142.6%	215	50.6%
	2003-04	215	461	142.3%	173	37.5%
Blanche Ely	2001-02	159	293	81.2% 87.2%	164	56.0%
	2002-03	177	354	85.9% 91.0%	167	47.2%
	2003-04	180	333	86.5% 90.5%	181	54.4%
Monarch	2003-04	9	*	*	*	*
Pompano Beach Institute	2001-02	64	80	95.2%	24	30.0%
	2002-03	60	75	101.4%	26	34.7%
	2003-04	98	108	96.4%	45	41.7%
Stoneman Douglas	2001-02	505	1,184	98.6%	822	69.4%
	2002-03	577	1,393	99.1%	879	63.1%
	2003-04	669	1,658	98.2% 98.4%	1,059	63.9%
Taravella, J.P.	2001-02	329	609	94.7%	415	68.1%
	2002-03	403	821	95.4%	487	59.3%
	2003-04	470	968	95.2%	512	52.9%

* Note: No data given when fewer than 10 students tested.

AP Individual School Test Results for North Central Area						
School	Year	# AP Students	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 & Above
Atlantic Technical	2003-04	23	24	104.3%	24	100.0%
Boyd Anderson	2001-02	236	198	47.9%	74	37.4%
	2002-03	269	289	60.0%	88	30.4%
	2003-04	197	231	93.5%	50	21.6%
Wm. T. McFatter	2001-02	39	58	107.4%	3	5.2%
	2002-03	48	117	130.0%	18	15.4%
	2003-04	89	140	101.4%	51	36.4%
Northeast	2001-02	70	85	91.4%	65	76.5%
	2002-03	130	170	85.9%	97	57.1%
	2003-04	129	165	91.7%	121	73.3%
Nova	2001-02	427	892	94.6%	671	75.2%
	2002-03	549	1,094	95.5%	672	61.4%
	2003-04	574	1,127	94.5%	606	53.8%
Piper	2001-02	201	257	96.3%	124	48.2%
	2002-03	242	329	96.5%	161	48.9%
	2003-04	215	305	100.0%	150	49.2%

APPENDIX B (Continued)

AP Individual School Test Results for South Central Area						
School	Year	# AP Students	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 and Above
Cypress Bay	2002-03	263	344	99.4%	217	63.1%
	2003-04	592	987	93.3%95.0%	688	69.7%
Dillard	2001-02	113	151	87.8%	51	33.8%
	2002-03	96	110	82.7%	56	50.9%
	2003-04	95	119	86.9%	50	42.0%
Fort Lauderdale	2001-02	203	299	99.7%	170	56.9%
	2002-03	223	339	97.4%	171	50.4%
	2003-04	296	457	97.2%	209	45.7%
Plantation	2001-02	175	287	91.4%	174	60.6%
	2002-03	253	432	94.5%	186	43.1%
	2003-04	211	399	93.9%	173	43.4%
South Plantation	2001-02	218	365	95.5%	183	50.1%
	2002-03	245	400	94.8%	183	45.8%
	2003-04	271	522	96.8%	257	49.2%
Stranahan	2001-02	184	329	97.9%	176	53.5%
	2002-03	263	543	97.8%	212	39.0%
	2003-04	295	599	97.4%	231	38.6%
Western	2001-02	421	701	91.2%93.7%	560	79.9%
	2002-03	288	543	88.6%91.3%	371	68.3%
	2003-04	196	366	91.7%94.8%	192	52.5%

AP Individual School Test Results for South Area						
School	Year	# AP Students	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 & Above
Cooper City	2001-02	214	325	90.0%	248	76.3%
	2002-03	287	561	94.1%	365	65.1%
	2003-04	313	631	90.7%	343	54.4%
Everglades	2003-04	140	216	85.7%90.4%	103	47.7%
Flanagan, Charles	2001-02	454	742	85.5%89.5%	424	57.1%
	2002-03	523	973	88.5%91.7%	421	43.3%
	2003-04	559	1,088	92.0%93.9%	477	43.8%
Hallandale	2001-02	70	88	95.7%	41	46.6%
	2002-03	146	166	99.4%	52	31.3%
	2003-04	108	122	92.4%	58	47.5%
Hollywood Hills	2001-02	196	293	91.3%	189	64.5%
	2002-03	223	341	88.8%	185	54.3%
	2003-04	213	379	91.8%	207	54.6%
McArthur	2001-02	89	110	90.2%	50	45.5%
	2002-03	113	154	96.3%	73	47.4%
	2003-04	94	135	95.1%	72	53.3%
Miramar	2001-02	126	151	92.1%	39	25.8%
	2002-03	101	125	99.2%	47	37.6%
	2003-04	121	140	92.7%	52	37.1%
South Broward	2001-02	147	212	91.8%	101	47.6%
	2002-03	144	191	90.5%	71	37.2%
	2003-04	137	200	93.0%	107	53.5%

APPENDIX B (Continued)

AP Individual School Test Results – Charter Schools						
School	Year	# AP Students	# AP Exams	% AP Exams	# AP Scores 3 & Above	% AP Scores 3 & Above
Coral Springs Charter School	2001-02	39	58	93.5%	22	37.9%
	2002-03	51	91	94.8%	15	16.5%
	2003-04	75	114	94.2%	35	30.7%
North Lauderdale Academy	2001-02	21	18	75.0%	1	5.6%
	2002-03	18	13	65.0%	0	0.0%
	2003-04	31	25	64.1%	0	0.0%
Pembroke Pines Charter School	2001-02	111	151	98.1%	59	39.1%
	2002-03	258	408	97.8%	119	29.2%
	2003-04	285	470	97.5%	125	26.6%
Somerset Academy	2003-04	0	*	*	*	*

* Note: No data given when fewer than 10 students tested.

APPENDIX C
The School Board of Broward County
Advanced Placement Recap Report

AP Course Offerings by School – North Area								
AP Subject	Coconut Creek	Coral Springs	Deerfield Beach	Blanche Ely	Monarch	Pompano Beach Institute	Stoneman Douglas	J.P. Taravella
Art History		X	X	X			X	X
Art- Studio		X	X	X		X	X	X
Art- 2D Design		X	X	X		X	X	X
Art-3D Design				X			X	
Biology	X	X	X	X		X	X	X
Calculus AB	X	X	X	X		X	X	X
Calculus BC		X	X	X			X	X
Chemistry	X	X	X	X			X	X
Computer Science A		X		X			X	X
Computer Science AB		X					X	X
Econ.: Macro		X	X	X			X	
Econ.: Micro	X	X	X	X			X	
Eng. Lang./Comp.	X	X	X	X	X	X	X	X
Eng. Lit./Comp.	X	X	X	X		X	X	X
Environmental Science				X		X	X	
European History			X	X		X		X
French Lang.*	X	X	X		X			
French Lit.								
German Lang.	X						X	X
Gov/Politics: Comp.								
Gov/Politics: US	X	X	X	X			X	X
Human Geography							X	
Latin Virgil								
Latin Lit.				X				X
Music Theory								X
Physics B				X			X	X
Physics C/ Mechanics		X		X			X	X
Physics C/ Elec. & Magnet		X		X			X	X
Psychology	X	X		X	X		X	X
Spanish Lang.*	X	X	X	X		X	X	X
Spanish Lit.			X				X	X
Statistics		X	X	X			X	X
US History	X	X	X	X	X	X	X	X
World History			X					

Required Core AP courses are indicated by shading.
*Either French or Spanish Language satisfies the AP language course requirement.

APPENDIX C (Continued)

AP Course Offerings by School – North Central Area						
AP Subject	Atlantic Technical	Boyd Anderson	Wm. T. McFatter Technical	Northeast	Nova	Piper
Art History		X				
Art- Studio		X		X	X	X
Art-2D Design				X	X	
Art-3D Design					X	
Biology		X	X	X	X	X
Calculus AB		X	X	X	X	X
Calculus BC		X		X	X	X
Chemistry		X		X	X	X
Computer Science A	X	X	X	X	X	
Computer Science AB		X		X	X	
Econ.: Macro		X			X	X
Econ.: Micro		X	X		X	X
Eng. Lang./Comp.		X	X	X	X	X
Eng. Lit./Comp.		X	X	X	X	X
Environmental Science		X			X	X
European History					X	X
French Lang.*		X			X	
French Lit.						
German Lang.						
Gov/Politics: Comp.						
Gov/Politics: US		X	X		X	X
Human Geography				X	X	
Latin Virgil						
Latin Lit.						
Music Theory					X	
Physics B		X		X		X
Physics C /Mechanics				X	X	X
Physics C/ Elec. & Magnet						
Psychology					X	
Spanish Lang.*	X	X	X	X	X	X
Spanish Lit.					X	
Statistics		X		X	X	
US History		X	X	X	X	X
World History						X

Required Core AP courses are indicated by shading.
 *Either French or Spanish Language satisfies the AP language course requirement.

APPENDIX C (Continued)

AP Course Offerings by School – South Central Area							
AP Subject	Cypress Bay	Dillard	Fort Lauderdale	Plantation	South Plantation	Stranahan	Western
Art History	X	X		X		X	
Art- Studio	X	X	X		X	X	X
Art- 2D Design	X	X	X			X	X
Art- 3D Design	X	X				X	
Biology	X	X**	X	X	X	X	X
Calculus AB	X	X	X	X	X	X	X
Calculus BC					X	X	X
Chemistry	X		X		X	X	X
Computer Science A		X		X		X	X
Computer Science AB		X	X	X		X	X
Econ.: Macro	X					X	
Econ.: Micro	X					X	X
Eng. Lang./Comp.	X	X	X	X	X	X	X
Eng. Lit./Comp.	X	X	X	X	X	X	X
Environmental Science	X		X		X	X	X
European History	X		X	X	X		X
French Lang.*	X		X	X	X	X	
French Lit.	X						
German Lang.							
Gov/Politics: Comp.	X						
Gov/Politics: US		X	X	X	X	X	X
Human Geography			X		X		
Latin Virgil							
Latin Lit.							
Music Theory				X		X	
Physics B	X					X	X
Physics C /Mechanics			X	X			
Physics C/ Elec. & Magnet							
Psychology	X	X	X	X	X	X	X
Spanish Lang.*	X	X	X	X	X	X	X
Spanish Lit.	X	X	X			X	
Statistics	X		X		X	X	X
US History	X	X	X	X	X	X	X
World History					X		

Required Core AP courses are indicated by shading.
 *Either French or Spanish Language satisfies the AP language course requirement.
 **While AP Biology is offered at Dillard, too few students request the course making it impractical to present the course on-campus. Students are urged to participate online through the Florida Virtual School.

APPENDIX C (Continued)

AP Course Offerings by School – South Area								
AP Subject	Cooper City	Everglades	Charles Flanagan	Hallandale	Hollywood Hills	McArthur	Miramar	South Broward
Art History			X					
Art- Studio	X	X	X	X	X			X
Art- 2D Design	X		X		X			X
Art- 3D Design			X		X			
Biology	X		X	X	X	X	X	X
Calculus AB	X	X	X	X	X	X	X	X
Calculus BC	X	X	X		X		X	
Chemistry	X		X		X			
Computer Science A	X		X		X	X		
Computer Science AB	X		X		X	X		
Econ.: Macro	X		X					
Econ.: Micro			X					
Eng. Lang./Comp.	X	X	X	X	X	X	X	X
Eng. Lit./Comp.	X		X	X	X	X	X	X
Environmental Science		X	X					
European History	X		X	X	X			X
French Lang.*		X	X	X	X	X	X	
French Lit.								
German Lang.								
Gov/Politics: Comp.			X				X	
Gov/Politics: US	X		X		X		X	X
Human Geography								
Latin Virgil								
Latin Lit.								
Music Theory			X					
Physics B							Xx	
Physics C / Mechanics	X		X					
Physics C/ Elec. & Magnet								
Psychology		X	X		X			X
Spanish Lang.*	X	X	X	X	X	X	X	X
Spanish Lit.	X			X	X		X	
Statistics	X		X		X			X
US History	X	X	X	X	X	X	X	X
World History	X		X	X				

Required Core AP courses are indicated by shading.
 *Either French or Spanish Language satisfies the AP language course requirement.

APPENDIX C (Continued)

AP Course Offerings by School – Charter Schools					
AP Subject	Coral Springs	North Lauderdale Academy	Parkway Academy	Pembroke Pines	Somerset Academy
Art History					
Art- Studio					
Art- 2D Design				X	
Art- 3D Design				X	
Biology	X			X	
Calculus AB	X			X	
Calculus BC					
Chemistry	X	X		X	
Computer Science A					
Computer Science AB	X				
Econ.: Macro					
Econ.: Micro					
Eng. Lang./Comp.	X	X		X	
Eng. Lit./Comp.	X	X		X	
Environmental Science				X	
European History					X
French Lang.*	X				
French Lit.					
German Lang.					
Gov/Politics: Comp.					
Gov/Politics: US	X			X	
Human Geography					
Latin Virgil					
Latin Lit.					
Music Theory					
Physics B	X				
Physics C /Mechanics				X	
Physics C/ Elec. & Magnet					
Psychology	X			X	
Spanish Lang.*	X			X	
Spanish Lit.					
Statistics					
US History	X	X		X	
World History					
Required Core AP courses are indicated by shading.					
*Either French or Spanish Language satisfies the AP language course requirement.					

APPENDIX D
The School Board of Broward County
Advanced Placement Recap Report

Appendix D provides individual school test results by ethnicity for the three-year period from 2001-02 to 2003-04. The first column of the table documents the total high school enrollment for each school site, the number of students in each ethnicity category enrolled at the school, and the corresponding proportion of those students out of the school's total enrollment for the three major ethnic groups of African American/Black, Hispanic/Puerto Rican, and White students. The second column in the table presents the number of students enrolled in AP courses for the total school and each ethnicity category, with the accompanying proportion of those students out of the school total for the three major ethnic groups. The third and final column of this table provides the number of AP examinations that were scored three and above for the school as a whole and for each ethnicity category, with the accompanying proportion of those students out of the school total for the three major ethnic groups. Data reported in Appendix D is from the *Broward County Advanced Placement Recap Report*.

Because the data reflected in Appendix D requires further interpretation, an example, using the data from Blanche Ely High School, is provided. As noted in Appendix D, Blanche Ely High School had 2,544 students enrolled in the 2001-02 school year, 2,670 students in the 2002-03 school year, and 2,570 students enrolled in the 2003-04 school year. In the 2003-04 school year, 80% of the school's population was African American/Black (2,066 students), 9% of the school's population was Hispanic/Puerto Rican (221 students), and 8% of the school's population was White (194 students).

In that same school year, Blanche Ely High School had 180 students enrolled in Advanced Placement courses. In the 2003-04 school year, 48% of the school's AP enrollment was African American/Black (87 students), 18% of the school's AP enrollment was Hispanic/Puerto Rican (32 students), and 16% of the school's AP enrollment was White (29 students). In this instance, there is a discrepancy by ethnicity group when the school's total enrollment is compared to the school's AP course enrollment. Specifically, while African American/Black students comprised 80% of Blanche Ely's overall school enrollment, these students reflected only 48% of the school's AP course enrollment. In contrast, while Hispanic/Puerto Rican students and White students comprised only 17% of the school's total enrollment (9% and 8% respectively), these ethnic groups made up 34% of the school's AP enrollment (18% and 16% respectively). These ethnic groups were represented in AP courses in twice the frequency than their representation in the overall school population.

Lastly, in the 2003-04 school year, Blanche Ely High School has 181 AP examinations scored at three and above. In that school year, 34% of the scores of three and above were earned by African American/Black students (62 exams), 19% of the scores of three and above were earned by Hispanic/Puerto Rican students (34 exams), and 21% of the scores of three and above were earned by White students (38 exams). Again, this data shows that there is a discrepancy by ethnicity group when the school's total enrollment is compared to the number of AP examinations that are scored at three and above. While African American/Black students comprised 80% of Blanche Ely's overall school enrollment, these students represented only 34% of the school's AP scores of three and above. In contrast, while Hispanic/Puerto Rican students and White students comprised only 17% of the school's total enrollment (9% and 8% respectively), these ethnic groups made up 40% of the school's AP scores of three and above (19% and 21% respectively). These ethnic groups accounted for more than twice the frequency of AP scores of three and above than expected based on their representation in the overall school population.

APPENDIX D
The School Board of Broward County
Advanced Placement Recap Report

AP Individual School Test Results by Ethnicity for North Area										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Blanche Ely	School Total	2,544	2,670	2,570	159	177	180	164	167	181
	American Indian/Alaskan	7	7	5	2	0	0	*	*	*
	African American/Black	1,959 (77%)	2,035 (76%)	2,066 (80%)	74 (47%)	90 (51%)	87 (48%)	54 (33%)	65 (39%)	62 (34%)
	Asian American/Asian	77	77	61	20	25	29	21	27	32
	Hispanic/Puerto Rican	230 (9%)	261 (10%)	221 (9%)	24 (15%)	24 (14%)	32 (18%)	20 (12%)	26 (16%)	34 (19%)
	White	260 (10%)	268 (10%)	194 (8%)	38 (24%)	37 (21%)	29 (16%)	53 (32%)	32 (19%)	38 (21%)
	Other	11	22	23	1	1	3	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Coconut Creek	School Total	2,471	2,472	2,312	116	156	154	33	71	88
	American Indian/Alaskan	14	12	11	0	0	1	*	*	*
	African American/Black	1,097 (44%)	1,111 (45%)	1,117 (48%)	41 (35%)	55 (35%)	37 (24%)	4 (12%)	8 (11%)	9 (10%)
	Asian American/Asian	92	89	85	9	10	17	*	2	2
	Hispanic/Puerto Rican	474 (19%)	485 (20%)	471 (20%)	20 (17%)	36 (23%)	33 (21%)	16 (48%)	25 (35%)	36 (41%)
	White	785 (32%)	761 (31%)	609 (26%)	45 (39%)	55 (35%)	63 (41%)	7 (21%)	32 (45%)	35 (40%)
	Other	9	14	19	1	0	3	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Coral Springs	School Total	2,802	2,806	2,824 2,802	246	272	247	348	371	370
	American Indian/Alaskan	11	8	4 10	1	2	2	*	*	*
	African American/Black	575 (21%)	595 (21%)	1,326 635 (47%) (23%)	15 (6%)	24 (9%)	19 (8%)	11 (3%)	24 (6%)	32 (9%)
	Asian American/Asian	111	101	71 118	23	16	17	19	17	25
	Hispanic/Puerto Rican	516 (18%)	556 (20%)	459 544 (16%) (19%)	49 (20%)	48 (18%)	42 (17%)	52 (15%)	54 (15%)	58 (16%)
	White	1,563 (56%)	1,511 (54%)	941 1,456 (33%) (52%)	155 (63%)	180 (66%)	165 (67%)	242 (70%)	259 (70%)	235 (64%)
	Other	26	35	23 39	3	2	2	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

The number of examinations scoring 3 and above may exceed the number of students enrolled due to the inclusion of students in courses such as International Baccalaureate (IB) and honors who participate in AP exams when they have not been enrolled in the AP course and because many students are enrolled in multiple AP courses and therefore participate in more than one AP examination.

*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for North Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Deerfield Beach	School Total	2,824	2,771	2,576	179	187	215	239	215	173
	American Indian/Alaskan	4	4	5	2	0	1	*	*	*
	African American/Black	1,326 (47%)	1,318 (48%)	1,314 (51%)	25 (14%)	22 (12%)	50 (23%)	25 (10%)	14 (7%)	17 (10%)
	Asian American/Asian	71	70	70	28	28	32	52	41	38
	Hispanic/Puerto Rican	459 (16%)	468 (17%)	386 (15%)	22 (12%)	24 (13%)	29 (13%)	34 (14%)	26 (12%)	25 (14%)
	White	941 (33%)	890 (32%)	778 (30%)	99 (55%)	110 (59%)	100 (47%)	107 (45%)	124 (57%)	92 (53%)
	Other	23	21	23	3	3	3	11	7	1
	Not Stated	0	0	0	0	0	0	*	*	*
Monarch	School Total	N/A	N/A	1,021	N/A	N/A	9	N/A	N/A	*
	American Indian/Alaskan	N/A	N/A	2	N/A	N/A	0	N/A	N/A	*
	African American/Black	N/A	N/A	164 (16%)	N/A	N/A	0 (0%)	N/A	N/A	*
	Asian American/Asian	N/A	N/A	33	N/A	N/A	0	N/A	N/A	*
	Hispanic/Puerto Rican	N/A	N/A	234 (23%)	N/A	N/A	2 (22%)	N/A	N/A	*
	White	N/A	N/A	571 (56%)	N/A	N/A	7 (78%)	N/A	N/A	*
	Other	N/A	N/A	17	N/A	N/A	0	N/A	N/A	*
	Not Stated	N/A	N/A	0	N/A	N/A	0	N/A	N/A	*
Pompano Beach Institute	School Total	627	681	805	64	60	98	24	26	45
	American Indian/Alaskan	1	0	0	0	0	0	*	*	*
	African American/Black	215 (34%)	192 (28%)	224 (28%)	29 (45%)	20 (33%)	29 (30%)	7 (29%)	5 (19%)	6 (13%)
	Asian American/Asian	14	17	16	1	0	5	*	*	*
	Hispanic/Puerto Rican	91 (15%)	100 (15%)	113 (14%)	15 (23%)	16 (27%)	15 (15%)	11 (46%)	11 (42%)	9 (20%)
	White	300 (48%)	366 (54%)	444 (55%)	19 (30%)	24 (40%)	49 (50%)	6 (25%)	10 (38%)	28 (62%)
	Other	6	6	8	0	0	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

The number of examinations scoring 3 and above may exceed the number of students enrolled due to the inclusion of students in courses such as International Baccalaureate (IB) and honors who participate in AP exams when they have not been enrolled in the AP course and because many students are enrolled in multiple AP courses and therefore participate in more than one AP examination.

*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for North Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Stoneman Douglas	School Total	3,695	3,960	4,141	505	577	669	822	879	1,059
	American Indian/Alaskan	9	8	5	2	3	1	*	*	*
	African American/Black	387 (10%)	475 (12%)	549 (13%)	21 (4%)	25 (4%)	33 (5%)	37 (5%)	28 (3%)	47 (4%)
	Asian American/Asian	166	187	198	28	37	42	62	59	97
	Hispanic/Puerto Rican	533 (14%)	624 (16%)	666 (16%)	66 (13%)	78 (14%)	102 (15%)	106 (13%)	109 (12%)	176 (17%)
	White	2,561 (69%)	2,611 (66%)	2,677 (65%)	384 (76%)	429 (74%)	482 (72%)	582 (71%)	638 (73%)	686 (65%)
	Other	39	55	46	4	5	9	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Taravella, J.P.	School Total	2,991	3,095	3,307	329	403	470	415	487	512
	American Indian/Alaskan	6	9	10	2	1	1	*	*	*
	African American/Black	261 (9%)	322 (10%)	382 (12%)	9 (3%)	13 (3%)	15 (3%)	6 (1%)	9 (2%)	16 (3%)
	Asian American/Asian	103	101	114	26	26	28	37	59	63
	Hispanic/Puerto Rican	571 (19%)	652 (21%)	720 (22%)	58 (18%)	67 (17%)	76 (16%)	84 (20%)	87 (18%)	94 (18%)
	White	2,024 (68%)	1,982 (64%)	2,049 (62%)	230 (70%)	291 (72%)	341 (73%)	267 (64%)	311 (64%)	316 (62%)
	Other	26	29	32	4	5	9	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

AP Individual School Test Results by Ethnicity for North Central Area										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Atlantic Technical	School Total	4	157	295	0	0	23	*	*	24
	American Indian/Alaskan	0	2	3	0	0	0	*	*	*
	African American/Black	2 (50%)	35 (22%)	79 (27%)	0	0	1 (4%)	*	*	*
	Asian American/Asian	0	3	10	0	0	0	*	*	*
	Hispanic/Puerto Rican	0	36 (23%)	82 (28%)	0	0	20 (87%)	*	*	22 (92%)
	White	2 (50%)	80 (51%)	119 (40%)	0	0	2 (9%)	*	*	*
	Other	0	1	2	0	0	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

The number of examinations scoring 3 and above may exceed the number of students enrolled due to the inclusion of students in courses such as International Baccalaureate (IB) and honors who participate in AP exams when they have not been enrolled in the AP course and because many students are enrolled in multiple AP courses and therefore participate in more than one AP examination.

*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for North Central Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Boyd Anderson	School Total	2,586	2,551	2,519	236	269	197	74	88	50
	American Indian/Alaskan	9	7	11	0	1	2	*	*	*
	African American/Black	2,223 (86%)	2,230 (87%)	2,223 (88%)	95 (40%)	144 (54%)	91 (46%)	17 (23%)	17 (19%)	8 (16%)
	Asian American/Asian	77	67	60	42	38	25	12	14	10
	Hispanic/Puerto Rican	129 (5%)	109 (4%)	102 (4%)	35 (15%)	31 (12%)	17 (9%)	22 (30%)	27 (31%)	6 (12%)
	White	140 (5%)	126 (5%)	105 (4%)	63 (27%)	52 (19%)	59 (30%)	12 (16%)	22 (25%)	21 (42%)
	Other	8	12	18	1	3	3	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
William T. McFatter Technical	School Total	521	571	573	39	48	89	3	18	51
	American Indian/Alaskan	1	2	3	0	0	1	*	*	*
	African American/Black	84 (16%)	76 (13%)	71 (12%)	8 (21%)	3 (6%)	9 (10%)	0 (0%)	3 (17%)	5 (10%)
	Asian American/Asian	20	23	27	0	3	7	*	*	*
	Hispanic/Puerto Rican	96 (18%)	126 (22%)	140 (24%)	8 (21%)	9 (19%)	28 (31%)	0 (0%)	4 (22%)	22 (43%)
	White	313 (60%)	337 (59%)	325 (57%)	22 (56%)	32 (67%)	43 (48%)	3 (100%)	7 (39%)	16 (31%)
	Other	7	7	7	1	1	1	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Northeast	School Total	2,011	2,041	2,036	70	130	129	65	97	121
	American Indian/Alaskan	8	7	11	0	1	0	*	*	*
	African American/Black	522 (26%)	498 (24%)	507 (25%)	9 (13%)	14 (11%)	16 (12%)	6 (9%)	8 (8%)	12 (10%)
	Asian American/Asian	39	45	44	6	3	6	*	*	*
	Hispanic/Puerto Rican	517 (26%)	533 (26%)	525 (26%)	16 (23%)	30 (23%)	35 (27%)	16 (25%)	28 (29%)	35 (29%)
	White	909 (45%)	938 (46%)	928 (46%)	39 (56%)	81 (62%)	71 (55%)	36 (55%)	50 (52%)	63 (52%)
	Other	16	20	21	0	1	1	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

The number of examinations scoring 3 and above may exceed the number of students enrolled due to the inclusion of students in courses such as International Baccalaureate (IB) and honors who participate in AP exams when they have not been enrolled in the AP course and because many students are enrolled in multiple AP courses and therefore participate in more than one AP examination.

*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for North Central Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Nova	School Total	2,056	1,959	1,938	427	549	574	671	672	606
	American Indian/Alaskan	2	2	4	1	0	0	*	*	*
	African American/Black	563 (27%)	559 (29%)	606 (31%)	49 (11%)	74 (13%)	82 (14%)	58 (9%)	51 (8%)	39 (6%)
	Asian American/Asian	128	129	119	35	60	55	86	109	90
	Hispanic/Puerto Rican	333 (16%)	333 (17%)	321 (17%)	65 (15%)	95 (17%)	111 (19%)	90 (13%)	100 (15%)	140 (23%)
	White	1,025 (50%)	932 (48%)	878 (45%)	276 (65%)	319 (58%)	324 (56%)	406 (61%)	369 (55%)	324 (53%)
	Other	5	4	10	1	1	2	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Piper	School Total	3,270	3,300	3,249	201	242	215	124	161	150
	American Indian/Alaskan	6	5	7	0	0	0	*	*	*
	African American/Black	1,367 (42%)	1,459 (44%)	1,528 (47%)	22 (11%)	32 (13%)	44 (20%)	11 (9%)	16 (10%)	18 (12%)
	Asian American/Asian	106	97	112	16	22	19	11	11	13
	Hispanic/Puerto Rican	532 (16%)	566 (17%)	546 (17%)	41 (20%)	49 (20%)	50 (23%)	34 (27%)	46 (29%)	36 (24%)
	White	1,231 (38%)	1,131 (34%)	1,015 (31%)	121 (60%)	136 (56%)	99 (46%)	55 (44%)	75 (47%)	71 (47%)
	Other	28	42	41	1	3	3	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

AP Individual School Test Results by Ethnicity for South Central Area										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Cypress Bay	School Total	N/A	3,015	4,122	N/A	263	592	N/A	217	688
	American Indian/Alaskan	N/A	8	11	N/A	1	2	N/A	*	*
	African American/Black	N/A	132 (4%)	208 (5%)	N/A	7 (3%)	20 (3%)	N/A	*	14 (2%)
	Asian American/Asian	N/A	128	172	N/A	21	37	N/A	9	48
	Hispanic/Puerto Rican	N/A	1,145 (38%)	1,641 (40%)	N/A	98 (37%)	252 (43%)	N/A	109 (50%)	307 (45%)
	White	N/A	1,563 (52%)	2,033 (49%)	N/A	129 (49%)	269 (45%)	N/A	89 (41%)	282 (41%)
	Other	N/A	39	57	N/A	7	12	N/A	*	17
	Not Stated	N/A	0	0	N/A	0	0	N/A	*	*

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*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for South Central Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2003-03	2003-04	2001-02	2003-03	2003-04	2001-02	2003-03	2003-04
Dillard	School Total	2,372	2,048	2,128	113	96	95	51	56	50
	American Indian/Alaskan	0	0	0	0	0	0	*	*	*
	African American/Black	2,160 (91%)	1,829 (89%)	1,911 (90%)	64 (57%)	49 (51%)	56 (59%)	18 (35%)	14 (26%)	19 (38%)
	Asian American/Asian	25	26	19	1	5	8	*	*	*
	Hispanic/Puerto Rican	66 (3%)	74 (4%)	80 (4%)	15 (13%)	15 (16%)	10 (11%)	9 (18%)	19 (34%)	7 (14%)
	White	114 (5%)	109 (5%)	105 (5%)	33 (29%)	27 (28%)	21 (22%)	17 (33%)	18 (32%)	18 (36%)
	Other	7	10	13	0	0	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Fort Lauderdale	School Total	1,679	1,702	1,647	203	223	296	170	171	209
	American Indian/Alaskan	4	6	6	2	2	2	*	*	*
	African American/Black	1,070 (64%)	1,103 (65%)	1,083 (66%)	75 (37%)	73 (33%)	108 (36%)	33 (19%)	36 (21%)	59 (28%)
	Asian American/Asian	25	23	25	10	8	11	12	*	10
	Hispanic/Puerto Rican	144 (9%)	144 (8%)	140 (9%)	27 (13%)	22 (10%)	35 (12%)	42 (25%)	27 (16%)	28 (13%)
	White	422 (25%)	410 (24%)	381 (23%)	86 (42%)	116 (52%)	138 (47%)	71 (42%)	87 (51%)	105 (50%)
	Other	14	16	12	3	2	2	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Plantation	School Total	2,710	2,861	2,894	175	253	211	174	186	173
	American Indian/Alaskan	7	5	6	3	0	0	*	*	*
	African American/Black	1,247 (46%)	1,421 (50%)	1,510 (52%)	31 (18%)	50 (20%)	47 (22%)	25 (14%)	25 (13%)	18 (10%)
	Asian American/Asian	103	97	101	16	25	16	11	5	10
	Hispanic/Puerto Rican	437 (16%)	457 (16%)	438 (15%)	31 (18%)	44 (17%)	32 (15%)	30 (17%)	41 (22%)	28 (16%)
	White	897 (33%)	855 (30%)	810 (28%)	91 (52%)	131 (52%)	114 (54%)	77 (44%)	96 (52%)	101 (58%)
	Other	19	26	29	3	3	2	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

The number of examinations scoring 3 and above may exceed the number of students enrolled due to the inclusion of students in courses such as International Baccalaureate (IB) and honors who participate in AP exams when they have not been enrolled in the AP course and because many students are enrolled in multiple AP courses and therefore participate in more than one AP examination.

*Note: No data reported when fewer than 10 students enrolled.

APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for South Central Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
South Plantation	School Total	2,467	2,434	2,387	218	245	271	183	183	257
	American Indian/Alaskan	5	6	8	2	0	1	*	*	*
	African American/Black	968 (39%)	1,055 (43%)	1,039 (44%)	28 (13%)	36 (15%)	44 (16%)	8 (4%)	16 (9%)	17 (7%)
	Asian American/Asian	50	59	63	7	7	15	*	*	25
	Hispanic/Puerto Rican	415 (17%)	394 (16%)	411 (17%)	27 (12%)	30 (12%)	38 (14%)	35 (19%)	32 (17%)	46 (18%)
	White	1,017 (41%)	908 (37%)	847 (35%)	153 (70%)	171 (70%)	173 (64%)	123 (67%)	123 (67%)	157 (61%)
	Other	12	12	19	1	1	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Stranahan	School Total	2,023	2,034	2,078	184	263	295	176	212	231
	American Indian/Alaskan	5	7	9	2	2	0	*	*	*
	African American/Black	1,248 (62%)	1,236 (61%)	1,299 (63%)	72 (39%)	125 (48%)	159 (54%)	49 (28%)	60 (28%)	89 (39%)
	Asian American/Asian	70	76	76	17	24	28	19	35	45
	Hispanic/Puerto Rican	339 (17%)	363 (29%)	372 (18%)	47 (26%)	57 (22%)	61 (21%)	48 (27%)	51 (24%)	49 (21%)
	White	343 (17%)	327 (16%)	296 (14%)	44 (24%)	50 (19%)	40 (14%)	49 (28%)	47 (22%)	32 (14%)
	Other	18	25	26	2	5	7	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Western	School Total	4,361	2,430	2,130	421	288	196	560	371	192
	American Indian/Alaskan	11	6	8	1	0	0	*	*	*
	African American/Black	216 (5%)	97 (4%)	78 (4%)	12 (3%)	7 (2%)	3 (2%)	11 (2%)	1 (<1%)	3 (2%)
	Asian American/Asian	173	81	63	28	24	12	64	36	16
	Hispanic/Puerto Rican	1,275 (29%)	571 (23%)	412 (19%)	117 (28%)	89 (31%)	33 (17%)	180 (32%)	124 (33%)	48 (25%)
	White	2,649 (61%)	1,666 (69%)	1,560 (73%)	259 (62%)	166 (58%)	146 (74%)	284 (51%)	191 (51%)	108 (56%)
	Other	37	9	9	4	2	2	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

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APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for South Area										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Cooper City	School Total	2,336	2,330	2,352	214	287	313	248	365	343
	American Indian/Alaskan	3	3	3	0	0	0	*	*	*
	African American/Black	68 (3%)	80 (3%)	82 (3%)	3 (1%)	5 (2%)	5 (2%)	*	*	*
	Asian American/Asian	91	97	104	17	18	26	28	41	37
	Hispanic/Puerto Rican	289 (12%)	307 (13%)	321 (14%)	34 (16%)	55 (19%)	60 (19%)	50 (20%)	79 (22%)	71 (21%)
	White	1,868 (80%)	1,824 (78%)	1,815 (77%)	159 (74%)	208 (72%)	219 (70%)	159 (64%)	227 (62%)	221 (64%)
	Other	17	19	27	1	1	3	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Everglades	School Total	N/A	N/A	2,298	N/A	N/A	140	N/A	N/A	103
	American Indian/Alaskan	N/A	N/A	1	N/A	N/A	0	N/A	N/A	*
	African American/Black	N/A	N/A	563 (24%)	N/A	N/A	17 (12%)	N/A	N/A	6 (6%)
	Asian American/Asian	N/A	N/A	128	N/A	N/A	16	N/A	N/A	6
	Hispanic/Puerto Rican	N/A	N/A	966 (42%)	N/A	N/A	60 (43%)	N/A	N/A	56 (54%)
	White	N/A	N/A	591 (26%)	N/A	N/A	43 (31%)	N/A	N/A	23 (22%)
	Other	N/A	N/A	49	N/A	N/A	4	N/A	N/A	*
	Not Stated	N/A	N/A	0	N/A	N/A	0	N/A	N/A	*
Flanagan, Charles	School Total	5,116	5,218	3,525	454	523	559	424	477 421	421 477
	American Indian/Alaskan	11	12	9	2	3	2	*	*	*
	African American/Black	1,026 (20%)	1,075 (21%)	749 (21%)	48 (11%)	70 (13%)	90 (16%)	36 (8%)	34 31 (7%)	31 34 (7%)
	Asian American/Asian	302	306	190	61	58	59	52	90 49	49 90
	Hispanic/Puerto Rican	1,857 (36%)	1,968 (38%)	1,316 (37%)	172 (38%)	182 (35%)	171 (31%)	179 (42%)	170 192 (36%)(46%)	192 170 (46%)(36%)
	White	1,824 (36%)	1,775 (34%)	1,204 (34%)	168 (37%)	204 (39%)	226 (40%)	123 (29%)	161 127 (34%)(30%)	127 161 (30%)(34%)
	Other	96	82	57	3	6	11	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

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APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for South Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Hallandale	School Total	1,452	1,492	1,489	70	146	108	41	52	58
	American Indian/Alaskan	8	6	5	0	0	0	*	*	*
	African American/Black	884 (61%)	889 (60%)	895 (60%)	28 (40%)	52 (36%)	27 (25%)	2 (5%)	4 (8%)	6 (10%)
	Asian American/Asian	26	14	9	1	5	3	*	*	*
	Hispanic/Puerto Rican	364 (25%)	432 (29%)	438 (29%)	26 (37%)	72 (49%)	65 (60%)	25 (61%)	38 (73%)	35 (60%)
	White	159 (11%)	137 (9%)	123 (8%)	15 (21%)	16 (11%)	9 (8%)	9 (22%)	4 (8%)	*
	Other	11	14	19	0	1	4	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Hollywood Hills	School Total	2,231	2,285	2,254	196	223	213	189	185	207
	American Indian/Alaskan	8	6	9	0	0	0	*	*	*
	African American/Black	383 (17%)	394 (17%)	403 (18%)	8 (4%)	12 (5%)	12 (6%)	*	5 (3%)	2 (1%)
	Asian American/Asian	75	72	72	10	12	12	11	13	16
	Hispanic/Puerto Rican	613 (27%)	697 (31%)	740 (33%)	64 (33%)	89 (40%)	74 (35%)	45 (24%)	78 (42%)	77 (37%)
	White	1,135 (51%)	1,101 (48%)	1,015 (45%)	112 (57%)	107 (48%)	115 (54%)	114 (60%)	79 (43%)	98 (47%)
	Other	17	15	15	2	3	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
McArthur	School Total	2,416	2,395	2,417	89	113	94	50	73	72
	American Indian/Alaskan	8	9	6	1	1	1	*	*	*
	African American/Black	602 (25%)	610 (25%)	622 (26%)	8 (9%)	16 (14%)	15 (16%)	3 (6%)	3 (4%)	5 (7%)
	Asian American/Asian	77	77	73	10	9	7	4	*	*
	Hispanic/Puerto Rican	892 (37%)	909 (38%)	945 (39%)	36 (40%)	42 (37%)	38 (40%)	26 (52%)	35 (48%)	41 (57%)
	White	798 (33%)	754 (31%)	737 (30%)	34 (38%)	41 (36%)	33 (35%)	11 (22%)	22 (30%)	15 (21%)
	Other	39	36	34	0	4	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

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APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for South Area, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Miramar	School Total	2,334	2,497	2,567	126	101	121	39	47	52
	American Indian/Alaskan	16	17	16	2	1	3	*	*	*
	African American/Black	1,567 (67%)	1,661 (67%)	1,702 (66%)	64 (51%)	51 (50%)	45 (37%)	9 (23%)	13 (28%)	10 (19%)
	Asian American/Asian	77	96	97	9	9	19	*	*	9
	Hispanic/Puerto Rican	465 (20%)	499 (20%)	531 (21%)	28 (22%)	23 (23%)	40 (33%)	20 (51%)	20 (43%)	30 (57%)
	White	198 (8%)	205 (8%)	192 (7%)	22 (17%)	14 (14%)	10 (8%)	2 (5%)	2 (4%)	1 (2%)
	Other	11	19	29	1	3	4	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
South Broward	School Total	2,001	2,206	2,252	147	144	137	101	71	107
	American Indian/Alaskan	10	14	14	0	1	4	*	*	*
	African American/Black	559 (28%)	624 (28%)	643 (29%)	14 (10%)	15 (10%)	11 (8%)	7 (7%)	4 (6%)	7 (7%)
	Asian American/Asian	37	46	52	3	3	5	*	*	*
	Hispanic/Puerto Rican	510 (25%)	571 (26%)	657 (29%)	38 (26%)	41 (28%)	42 (31%)	44 (44%)	25 (35%)	39 (36%)
	White	871 (44%)	927 (43%)	861 (38%)	92 (63%)	84 (58%)	75 (55%)	40 (40%)	35 (49%)	52 (49%)
	Other	14	24	25	0	0	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

AP Individual School Test Results by Ethnicity for Charter Schools										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
Coral Springs Charter	School Total	526	694	712	39	51	75	22	15	35
	American Indian/Alaskan	0	1	3	0	0	0	*	*	*
	African American/Black	99 (19%)	123 (18%)	113 (16%)	5 (13%)	8 (16%)	8 (11%)	*	*	*
	Asian American/Asian	14	18	20	1	3	3	*	*	*
	Hispanic/Puerto Rican	89 (17%)	114 (16%)	116 (16%)	8 (21%)	9 (18%)	17 (23%)	*	*	10 (3%)(29%)
	White	323 (61%)	434 (63%)	452 (63%)	25 (64%)	29 (57%)	46 (61%)	8 (36%)	3 (20%)	21 (60%)
	Other	1	4	8	0	2	1	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*

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APPENDIX D (Continued)

AP Individual School Test Results by Ethnicity for Charter Schools, Continued										
School	Ethnicity	School Enrollment			AP Enrollment			# Scoring 3 & Above		
		2001-02	2002-03	2003-04	2001-02	2002-03	2003-04	2001-02	2002-03	2003-04
North Lauderdale Academy	School Total	727	783	664	21	18	31	1	0	0
	American Indian/Alaskan	4	4	1	0	0	0	*	*	*
	African American/Black	437 (60%)	545 (70%)	471 (71%)	14 (67%)	10 (56%)	19 (61%)	1 (100%)	0	0
	Asian American/Asian	18	18	14	0	0	1	*	*	*
	Hispanic/Puerto Rican	116 (16%)	117 (15%)	109 (16%)	2 (10%)	1 (6%)	6 (19%)	*	*	*
	White	149 (20%)	96 (12%)	65 (10%)	5 (24%)	7 (39%)	5 (16%)	*	*	*
	Other	3	3	4	0	0	0	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Pembroke Pines Charter	School Total	989	1,221	1,548	111	258	285	59	119	125
	American Indian/Alaskan	0	0	0	0	0	0	*	*	*
	African American/Black	125 (13%)	164 (13%)	227 (15%)	4 (4%)	22 (9%)	28 (10%)	*	4 (3%)	4 (3%)
	Asian American/Asian	21	33	47	4	12	10	*	4	2
	Hispanic/Puerto Rican	333 (34%)	433 (35%)	597 (39%)	43 (39%)	105 (41%)	95 (33%)	33 (56%)	67 (56%)	57 (46%)
	White	504 (51%)	582 (48%)	661 (43%)	59 (53%)	115 (45%)	148 (52%)	18 (31%)	34 (29%)	53 (42%)
	Other	6	9	16	1	4	4	*	*	*
	Not Stated	0	0	0	0	0	0	*	*	*
Somerset Academy	School Total	N/A	77	165	N/A	0	0	N/A	*	*
	American Indian/Alaskan	N/A	0	1	N/A	0	0	N/A	*	*
	African American/Black	N/A	8 (10%)	44 (27%)	N/A	0	0	N/A	*	*
	Asian American/Asian	N/A	1	6	N/A	0	0	N/A	*	*
	Hispanic/Puerto Rican	N/A	50 (65%)	74 (45%)	N/A	0	0	N/A	*	*
	White	N/A	17 (22%)	36 (22%)	N/A	0	0	N/A	*	*
	Other	N/A	1	4	N/A	0	0	N/A	*	*
	Not Stated	N/A	0	0	N/A	0	0	N/A	*	*

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