

## Boston Public Schools Advanced Placement Enrollment and Test Performance SY04-05 to SY09-10

### District AP Enrollment and Course Offerings: SY04-05 to SY09-10

#### ❖ Students in Grades 11 and 12

##### AP Enrollment and Courses Offered – Grades 11 & 12:

	District total Enrollment grades 11 & 12	District AP Enrollment grades 11 & 12 <sup>1</sup> (unique count)	Pct Enrolled in AP grades 11 & 12			Total AP courses offered		
			District	Non-exam	Exam	District	Non-exam	Exam
SY 09-10	8,685	2,304	<b>27%</b>	15%	71%	<b>136</b>	<b>92</b>	44
SY 08-09	8,768	2,140	<b>24%</b>	15%	63%	<b>138</b>	<b>87</b>	51
SY 07-08	8,813	1,902	<b>22%</b>	12%	61%	<b>119</b>	<b>71</b>	48
SY 06-07	8,775	1,736	<b>20%</b>	10%	62%	<b>115</b>	<b>67</b>	48
SY 05-06	8,651	1,718	<b>20%</b>	10%	61%	<b>108</b>	<b>61</b>	47
SY 04-05	8,186	1,582	<b>19%</b>	10%	56%	<b>99</b>	<b>55</b>	44

- There has been a steady increase in the number of 11<sup>th</sup> and 12<sup>th</sup> grade students taking AP courses between 04-05 and 09-10. The past three years have seen the greatest gains, with almost a third of all juniors and seniors enrolled in at least one AP course this year.
- The number of AP courses offered in the district has also increased consistently over the last 6 years, with especially notable gains in the non-exam schools, where the district has added courses every year: there were only 55 AP courses offered in non-exam schools in 04-05, compared to 92 this year.

##### AP Enrollment by Race – Grades 11 and 12:

	Pct Enrolled in AP grades 11 & 12 by Race				District total Enrollment in grades 11 & 12 by Race			
	African American/Black	White	Asian	Hispanic	African American/Black	White	Asian	Hispanic
SY 09-10	<b>28%</b>	25%	21%	<b>25%</b>	41%	14%	10%	34%
SY 08-09	<b>30%</b>	24%	23%	<b>22%</b>	42%	14%	10%	32%
SY 07-08	<b>31%</b>	26%	23%	<b>19%</b>	44%	15%	10%	31%
SY 06-07	28%	29%	26%	17%	45%	15%	9%	30%
SY 05-06	27%	28%	25%	20%	48%	15%	10%	27%
SY 04-05	29%	28%	26%	17%	49%	16%	10%	25%

<sup>1</sup> In the SY2008-09 AP Report, these numbers were slightly different and represented February enrollment, not the October 1 enrollment reported here.

- White and Asian students continue to be overrepresented in the AP course-takers population compared to their overall distribution in 11<sup>th</sup> and 12<sup>th</sup> grades. However, there is a narrowing of the gap in terms of the racial distribution of students who take AP courses: while Black and Hispanic students together made up less than 50% of the AP population until 06-07, that trend changed in 07-08 and continues this year, with Blacks and Hispanics representing 53% of the district's total 11<sup>th</sup> and 12<sup>th</sup> grade AP enrollment; and African American students constitute a plurality (28%) of the AP population in 11<sup>th</sup> & 12<sup>th</sup> grades.

### ❖ Students in Grades 9 through 12

AP Enrollment - Grades 9 through 12:

	District total Enrollment grades 9-12	District AP Enrollment grades 9-12 (unique count) <sup>1</sup>	Pct Enrolled in AP grades 9-12		
			District	Non-exam	Exam
SY 09-10	18,024	2,334	13%	7%	34%
SY 08-09	18,485	2,167	12%	7%	30%
SY 07-08	18,753	1,923	10%	6%	28%
SY 06-07	19,042	1,751	9%	5%	28%
SY 05-06	19,283	1,754	9%	5%	28%
SY 04-05	18,761	1,601	9%	4%	26%

- The district's AP enrollment in grades 9 through 12 continues to grow, with 167 more students taking an AP course this year compared to last year. This is all the more impressive in light of the general decline in the total number of students in grades 9 – 12.

AP Enrollment by Race - All Grades 9 through 12:

	Pct Enrolled in AP grades 9-12 by Race				District total Enrollment grades 9-12 by Race			
	African American/Black	White	Asian	Hispanic	African American/Black	White	Asian	Hispanic
SY 09-10	28%	25%	21%	25%	41%	13%	10%	35%
SY 08-09	30%	23%	23%	22%	42%	14%	10%	34%
SY 07-08	31%	26%	23%	19%	43%	14%	9%	33%
SY 06-07	28%	29%	25%	17%	44%	14%	9%	31%
SY 05-06	27%	28%	25%	20%	46%	15%	9%	29%
SY 04-05	29%	28%	26%	17%	47%	15%	9%	27%

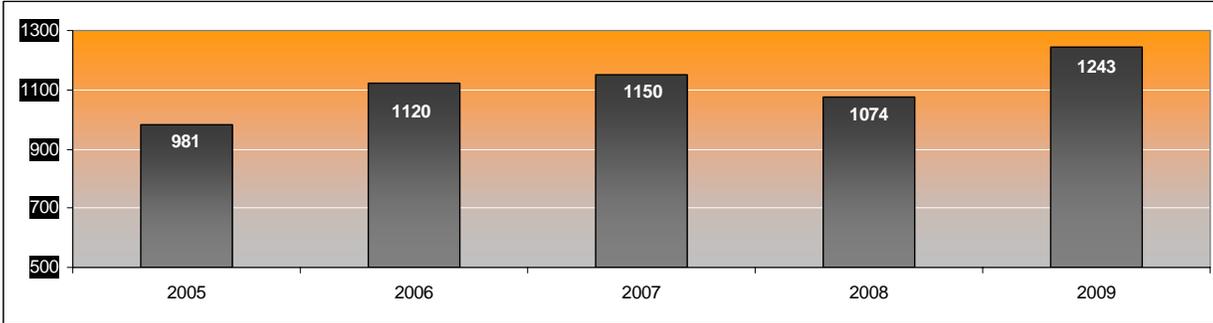
- White and Asian students continue to be overrepresented in the AP course-takers population compared to their distribution in the total 9 through 12 population. However, there is some narrowing of the gap in terms of the racial distribution of students who take AP courses: the unfavorable trend for Black and Hispanic students between 04-05 and 06-07 was reversed in 07-08.

<sup>1</sup> In the SY2008-09 AP Report, these numbers were slightly different and represented February enrollment, not the October 1 enrollment reported here.

## AP Performance by Subject: Exams with Scores 3, 4, or 5 SY04-05 to SY08-09

AP Scores 3 or above – English, Math, Science & Social Science:

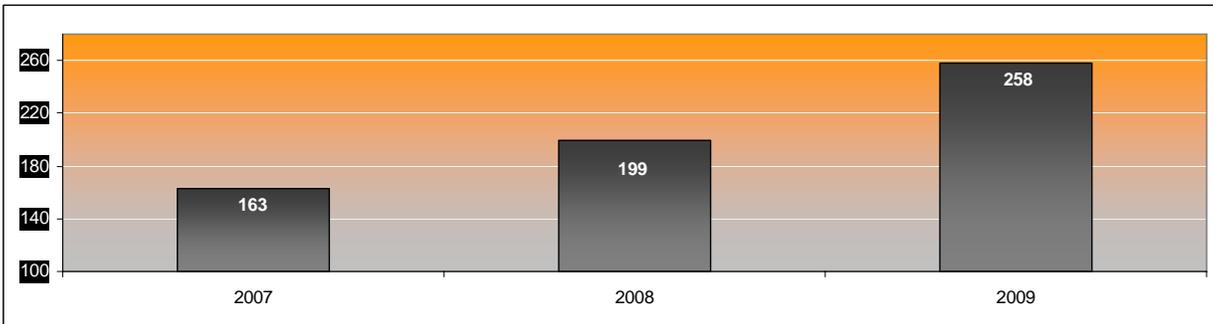
**Total Number of AP Exams With a Score of 3 or Greater, 2005 - 2009  
English, Math, Science & Social Science**



- While the number of students enrolled in AP courses increased between 2007 and 2008, the number of qualifying exams (with a score of 3 or above) decreased slightly, as expected. However, while AP enrollment figures continue to rise each year, there were a record 1,243 qualifying exams in 2009, an increase of 16% compared to the previous year.

AP Scores 3 or above – English, Math, Science & Social Science – Minority Students:

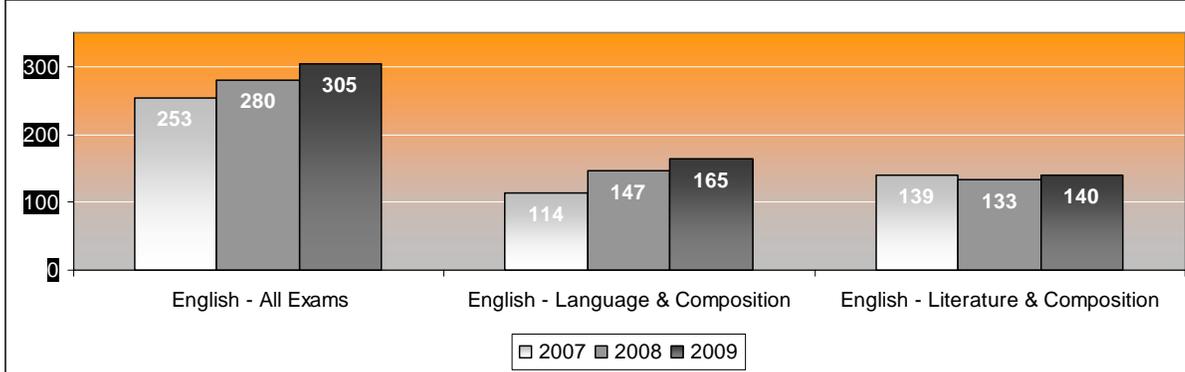
**Total Number of AP Exams With a Score of 3 or Greater, 2007 - 2009  
English, Math, Science & Social Science - Minority Students Only**



- Over the past three years, not only has the number of minority students enrolled in AP courses increased steadily, their performance on the exams has improved as well, with 258 qualifying exams in 2009, an increase of 30% compared to the previous year.

## AP Scores 3 or above – English:

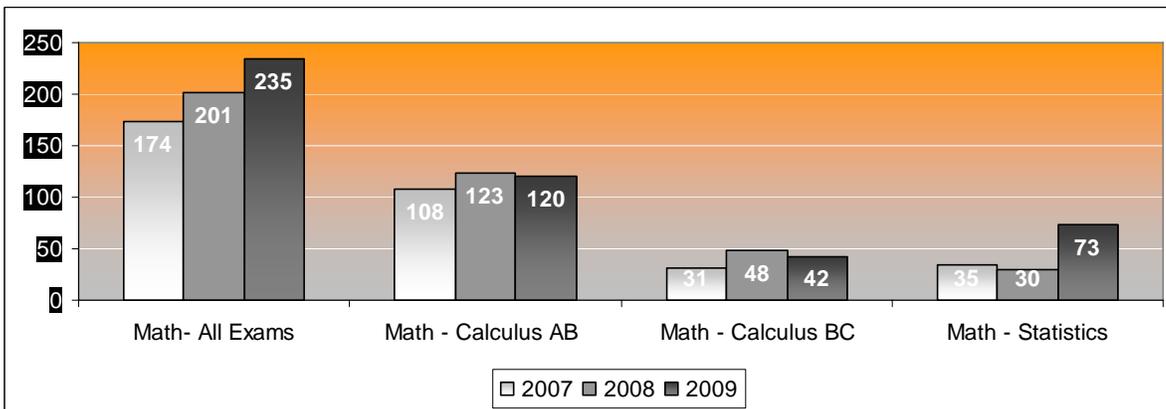
Total Number of English AP Exams With a Score of 3 or Greater, 2007 - 2009



- The number of exams with a score of 3 or higher in English increased from 280 to 305 over the past year; this represents a 9% increase.

## AP Scores 3 or above – Math:

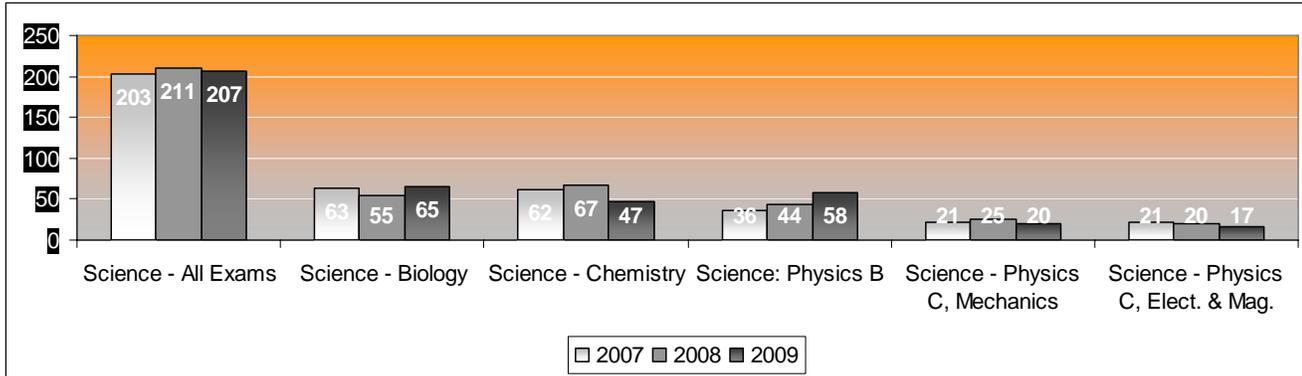
Total Number of Math AP Exams With a Score of 3 or Greater, 2007 - 2009



- The number of exams with a score of 3 or higher in Math increased from 201 to 235 over the past year. This represents a 17% increase compared to 2008 and a 35% increase compared to 2007.

AP Scores 3 or above – Science:

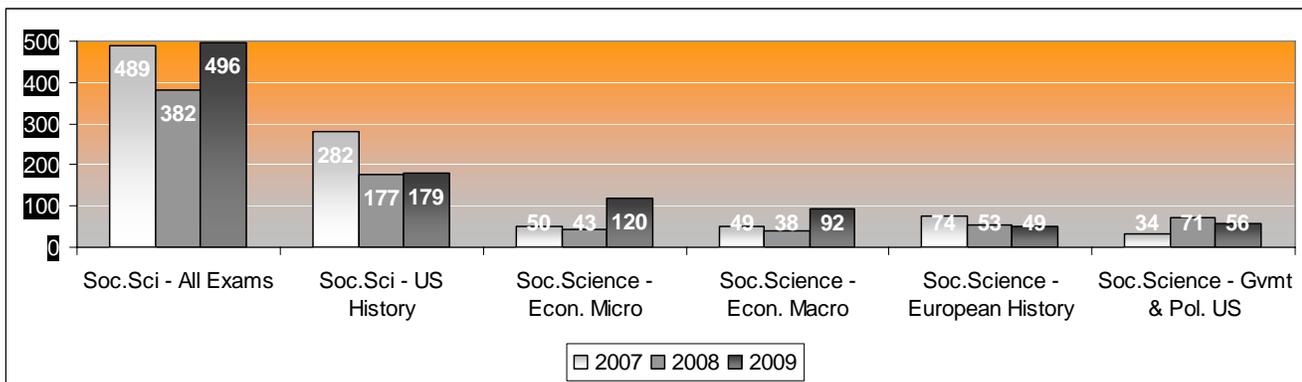
Total Number of Science AP Exams With a Score of 3 or Greater, 2007 - 2009



- In Science, the results are mixed: more students passed the Biology exam, but fewer qualified on the Chemistry test.

AP Scores 3 or above – Social Science:

Total Number of Social Science AP Exams With a Score of 3 or Greater, 2007 - 2009



- In Social Science, although the number of students who took AP tests increased from 762 to 930 (22%), the number of qualifying exams also increased, contrary to what would generally be expected: there were 382 qualifying exams in 2008 compared to 496 in 2009, a 30% increase.