

# **ACHIEVEMENT REPORT 2010**

---

## **Part II: Focus on the High Schools**

**SAT Exams**

**ACT Exams**

**Advanced Placement Exams**

**Senior Plans**

**Central Bucks School District**

**October 26, 2010**

# SAT 2010: A Very Good Year

---

- Highest SAT Scores Ever for Central Bucks – Reading, Writing, and Math
- Total Scores Increased 12 points  
(On the SAT a 3 point increase is considered significant)
- Central Bucks Total Score is 132 points above national average
- East, South, and West all placed in the top 40 (of 690) PA high schools- top 6%

# SAT Reasoning Test: CLASS of 2010

## Most Recent Scores for 2010 Graduates

<b>2010 Scores</b>	<b>Critical Reading</b>	<b>Math</b>	<b>Writing</b>	<b>TOTAL</b>
Central Bucks	<b>537</b>	<b>562</b>	<b>542</b>	<b>1641</b>
Pennsylvania	492	501	480	1473
National	501	516	492	1509

# Longitudinal SAT Comparisons

	Central Bucks						National				
Class of	Cr. Rd	Math	Wrt	Total	Participation		Cr. Rd	Math	Wrt	Total	Participation
2006	534	547	528	1609	86%		503	518	497	1518	48%
2007	526	541	524	1591	87%		502	515	494	1511	48%
2008	534	555	534	1623	84%		502	515	494	1511	45%
2009	536	555	538	1629	81%		501	515	493	1509	46%
2010	537	562	542	1641	81%		501	516	492	1509	47%
Change 09-10	+1	+7	+4	+12			0	+1	-1	0	
<b>CB to Nat.</b>	<b>+36</b>	<b>+46</b>	<b>+50</b>	<b>+132</b>							

# Profile: Schools Receiving the Most Scores

<b>Penn State University</b>	<b>53%</b>
<b>University of Pittsburgh</b>	<b>28%</b>
<b>West Chester University</b>	<b>20%</b>
<b>Temple University</b>	<b>20%</b>
<b>Drexel University</b>	<b>16%</b>
<b>University of Delaware</b>	<b>15%</b>
<b>Bloomsburg University</b>	<b>14%</b>
<b>James Madison U</b>	<b>10%</b>
<b>Millersville University</b>	<b>9%</b>
<b>Villanova University</b>	<b>9%</b>
<b>Shippensburg University</b>	<b>8%</b>

<b>Lehigh University</b>	<b>8%</b>
<b>University of Pennsylvania</b>	<b>7%</b>
<b>Kutztown University</b>	<b>6%</b>
<b>University of Maryland</b>	<b>6%</b>
<b>Cornell University</b>	<b>6%</b>
<b>New York University</b>	<b>6%</b>
<b>East Stroudsburg</b>	<b>6%</b>
<b>West Virginia University</b>	<b>5%</b>
<b>Boston University</b>	<b>5%</b>
<b>St. Joseph's University</b>	<b>5%</b>
<b>Northeastern University</b>	<b>5%</b>

## Profile: Top Intended College Majors

<b>Business Management/Marketing</b>	<b>15%</b>
<b>Health &amp; Clinical Services</b>	<b>14%</b>
<b>Education</b>	<b>10%</b>
<b>Undecided</b>	<b>10%</b>
<b>Engineering</b>	<b>8%</b>
<b>Biological &amp; Biomedical Sciences</b>	<b>6%</b>
<b>Visual &amp; Performing Arts</b>	<b>6%</b>
<b>Communications &amp; Journalism</b>	<b>5%</b>
<b>Psychology</b>	<b>4%</b>

# SAT Subject Tests

---

- Subject tests are offered in 21 areas
- Class of 2010 students participated as follows:

Four or More Tests	24 students	12%
Three Tests	76 students	37%
Two Tests	82 students	40%
One Test	24 students	12%

- Total Test Takers 206 students  
(2009 test takers = 238)

# Subject Area Test Scores

<b>Subject</b>	<b>Number</b>	<b>Mean Score</b>
Mathematics I	102	644
Mathematics II	91	665
U.S. History	88	687
English Literature	86	645
Chemistry	37	655
Spanish	22	621
French	11	597
World History	10	643
Physics	10	657

Reported for subjects with 10+ test-takers

# A.C.T.

---

## **ACT Curriculum-Based, College Readiness Testing**

**College English Composition**

**College Algebra**

**College Social Science**

**College Biology**

**Optional Writing Test**

**Class of 2010**

# A.C.T. compared to S.A.T

---

- SAT:
  - Measures general college-readiness skills
  
- ACT:
  - Measures college readiness from what students have learned in the classroom
  
- Number of Test-takers in CB
  - SAT = 1234
  - ACT = 275
    - Down from 288 for Class of 2009

# ACT Profile: CLASS of 2010

## Average Scores for 2010 Graduates

	Eng.	Math	Reading (Soc Sc)	Writing (optional)	Science	Composite
CB	24.0	25.0	24.4	24.8	23.6	24.4
PA	21.3	22.1	22.1	21.9	21.4	21.9

# ACT Profile: CLASS of 2010

## Percent of ACT-Tested Students Ready for College-Level Coursework

	College Eng. Comp.	College Algebra	College Social Science	College Biology	Meeting all Four Benchmarks
CB	89%	81%	72%	56%	51%
PA	72%	53%	58%	34%	30%
Nat.	66%	43%	52%	29%	24%

---

# **Advanced Placement Exams**

## **School Year 2009-2010**

# AP Enrollment 2009-2010

English Lang	288	Biology	159
English Lit	219	Chemistry	87
Calculus AB	309	Physics - Mech	147
Calculus BC	119	Physics - E/M	22
Comp Sci A	18	Envirn Science	257
Statistics	357		
Spanish	141	US History	104
German	45	European Hst	276
French	80	Economics Macro	437
Music Theory	39	Govt & Pol Comp	121

Central Bucks offers 19 AP courses (of 37)

Grand Total = 3,225 AP Seats Occupied

# AP Tests

- CB students (gr 10-12) participated as follows:

Seven Tests (in 2010 alone)	1
Six Tests	1
Five Tests	2
Four Tests	45
Three Tests	127
Two Tests	334
One Test	476

- Total Exams in 2010 = 1728
- Taken by 986 students

# AP Courses 2010: Success Rate

---

- Scores of 3, 4, 5 on a 5 point scale are considered worthy of college credit
  
- **85%** of CB students taking the AP tests scored a 3 or better  
(Also 85% in 2009)
  - PA: 66%
  - Global: 49%



# **Senior Plans Survey**

## **Class of 2010**

# Central Bucks High schools Class of 2010 Senior Plans Survey

	<u>Total</u>	<u>Percent</u>
Further Education & training	1399	92%
Full Time Employment	45	3%
Military Service	21	1%
Other	59	4%
Total	1524	

# Central Bucks High schools Class of 2010 Senior Plans Survey

	<u>Total</u>	<u>Percent</u>
4 Year College	1109	79%
2 yr/Community College	267	19%
Technical/Career School	23	2%
Total	1399	

# 4 Year Colleges

	<u>Acceptances</u>	<u>Avg. SAT</u> <u>(1600)</u>	<u>Avg. GPA</u>
Most Competitive	252	1438	4.119
Highly Competitive	616	1260	3.84
Very Competitive	1045	1163	3.57
Competitive	1700	1084	3.29
Ivy League (subset of Most Competitive)	35	1444	4.29

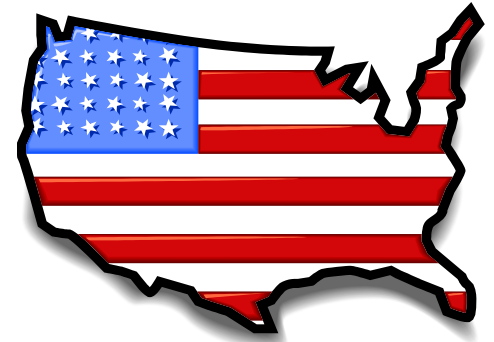
# Class Profiles

<b>Class</b>	<b># of Graduates</b>	<b>Avg. GPA</b>	<b>Avg. SAT (1600)</b>	<b>Avg. SAT (2400)</b>	<b>Avg. ACT</b>	<b>Total submitted apps.</b>
2006	1245	3.131	1082	1617	22	4567
2007	1501	3.137	1092	1632	23	5474
2008	1491	3.219	1116	1665	24	6152
2009	1517	3.22	1108	1657	25	6350
2010	1524	3.25	1122	1676	24	6862

# Class of 2010

Attending 4 Year Colleges in:

- ❖ 35 States
- ❖ District of Columbia
- ❖ Canada
- ❖ Brazil
- ❖ Ireland
- ❖ Finland



# Class of 2010

## Top Most Attended

226—Bucks County Community College

175—Penn State (all campuses)

89—Temple

51—University of Pittsburgh

50—Bloomsburg

42—West Chester

34—Drexel

30—Shippensburg

24—Kutztown

20—University of Delaware

20—James Madison



# Most Attended States Class of 2010

Pennsylvania

New York

Virginia

South Carolina

Massachusetts

Delaware

Maryland

West Virginia

