



WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Advanced Placement Enrollments & Exam Results 2012-13



Advanced Placement (AP) Courses

- Developed by College Board
- College-level content
 - Students can earn college credit
 - Provides exposure to challenging curriculum
- Generally grades 11-12
- 34 different courses & associated exams
- Offerings vary by high school
- Extra GPA points
- Exams are optional

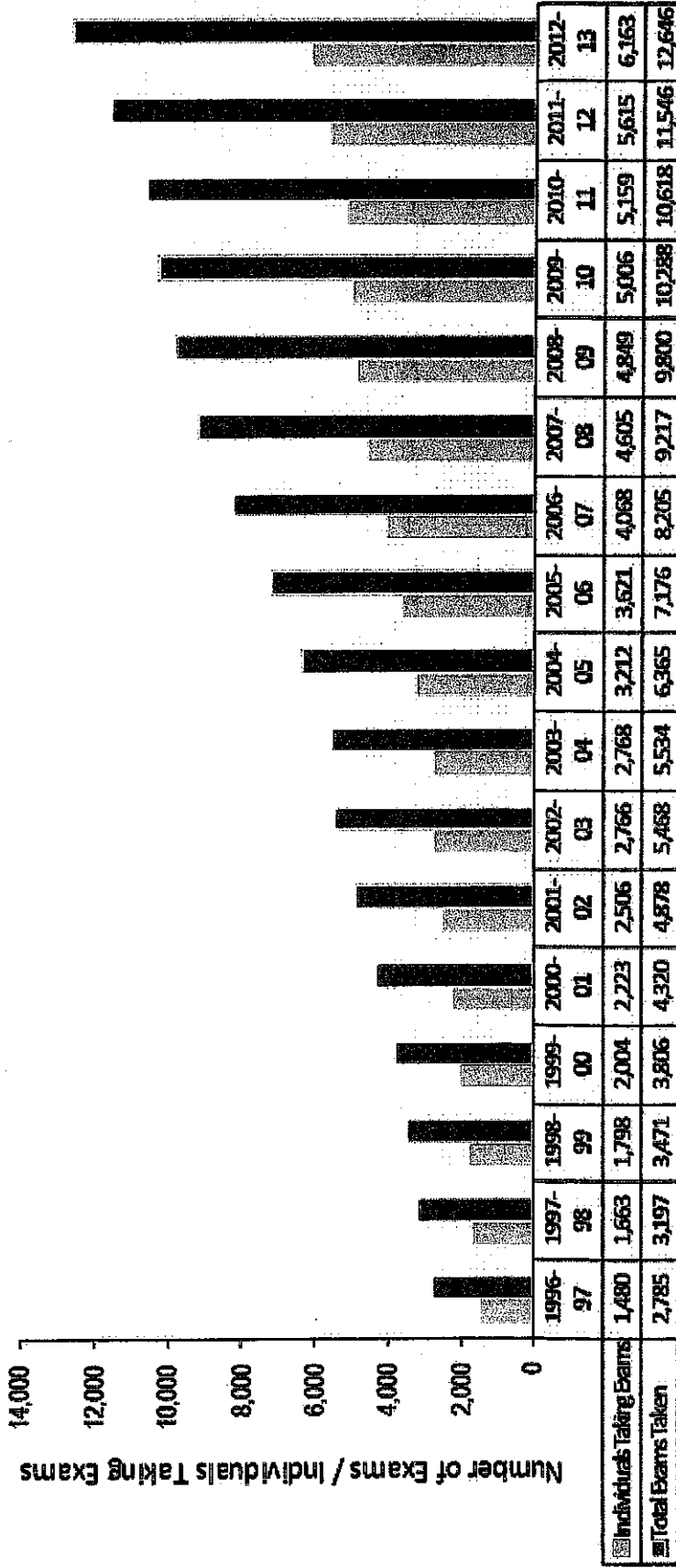
Big Ideas

- AP exam scores remain well above state and national averages
- AP participation is above national rates and continues to increase
- Offerings and participation vary by:
 - Student subgroups
 - School

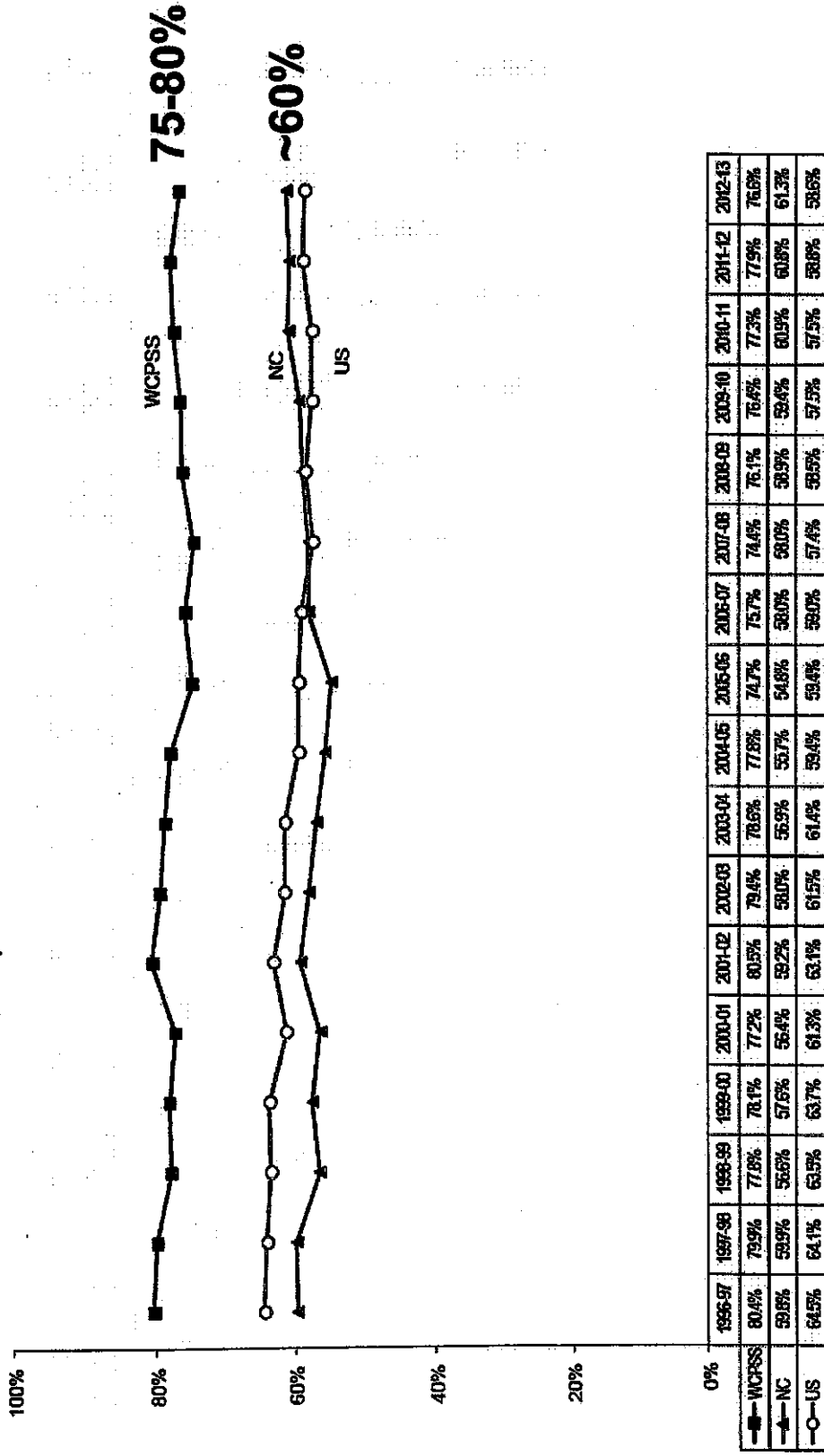
AP Exam Score Levels

Score	Description
5	Extremely Well Qualified
4	Well Qualified
3	Qualified
2	Possibly Qualified
1	No Recommendation

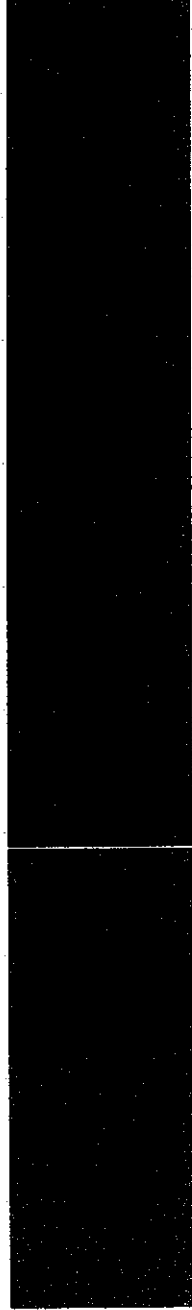
AP Exams Taken - 1997-2013



% Exams 3 or Higher, 1997-2013

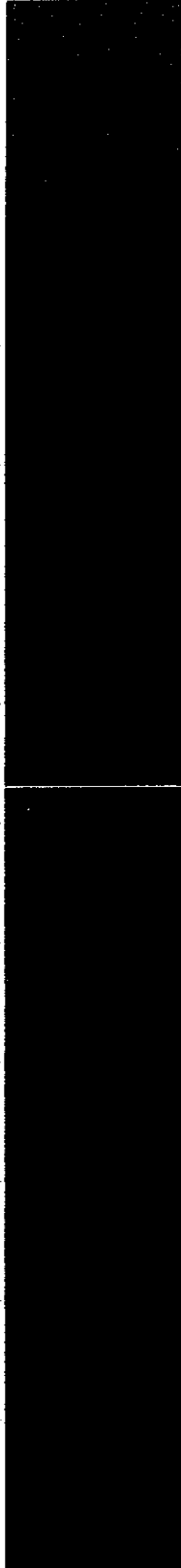


AP Coursetaking



2009-10	16,898
2010-11	18,207
2011-12	19,573
2012-13	21,887

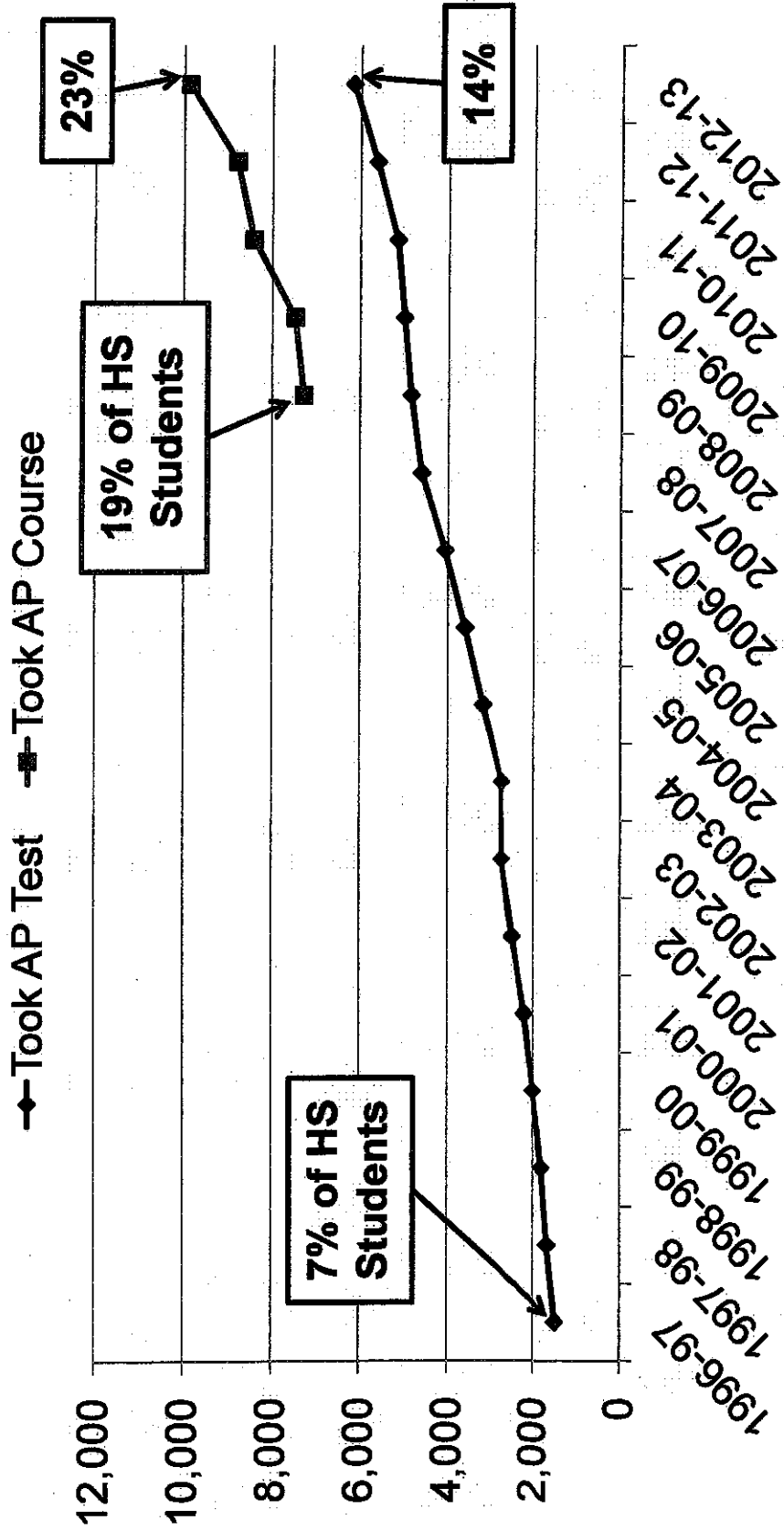
AP Coursetaking



US Class of 2009	36%
WCPSS Class of 2009	46%
WCPSS Class of 2013	49%

US data based on National HS Transcript Study, U. S. Department of Education
(http://nces.ed.gov/programs/digest/d12/tables/012_182.asp.)

AP Trends



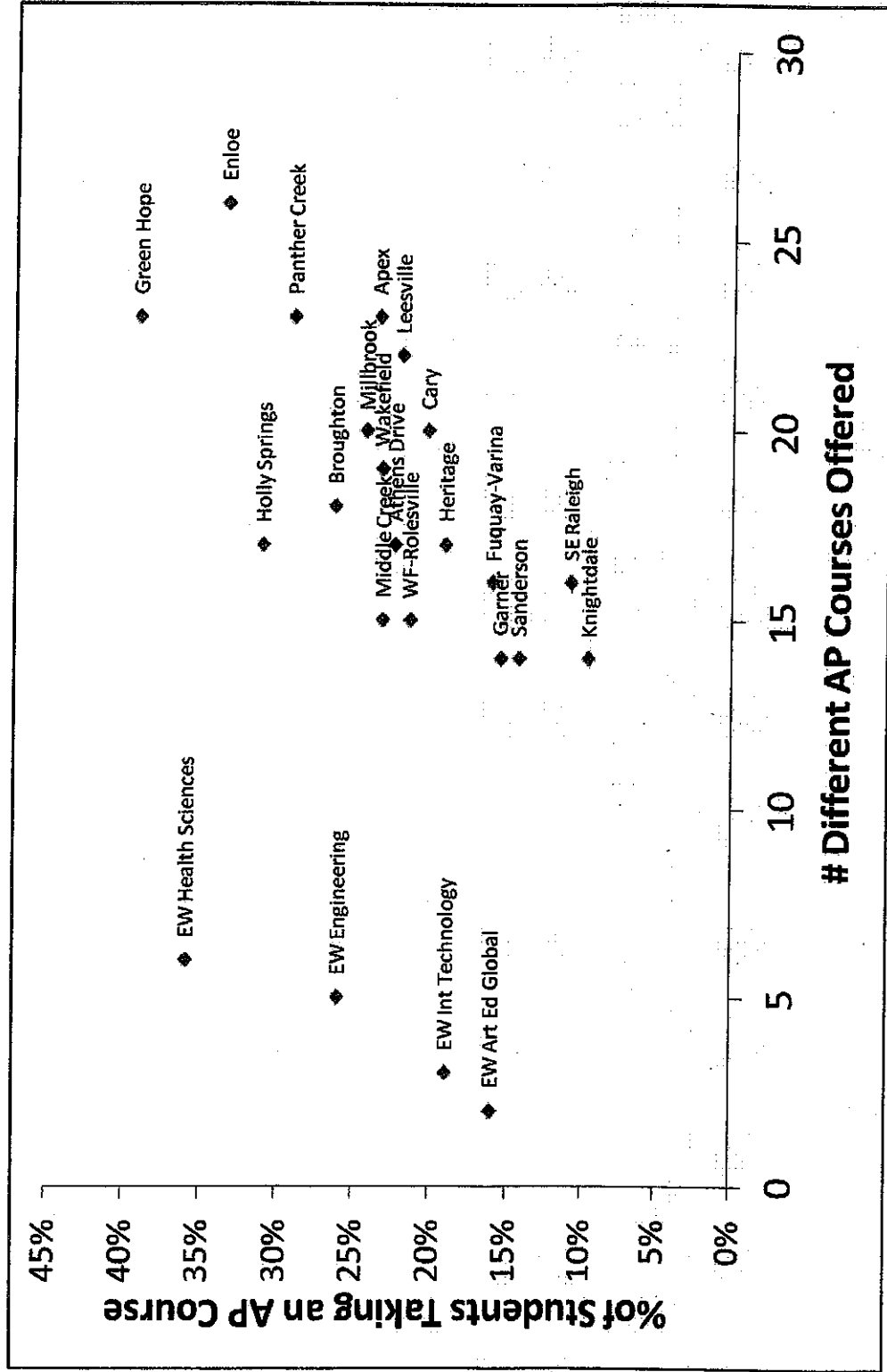
AP Enrollments by Ethnicity

	All HS Students					AP Course Enrollments				
	<u>2012-13</u>	<u>2012-13</u>	<u>2011-12</u>	<u>2010-11</u>	<u>2009-10</u>	<u>2012-13</u>	<u>2011-12</u>	<u>2010-11</u>	<u>2009-10</u>	
Native American	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	
Asian	6%	17%	17%	15%	16%	17%	15%	15%	16%	
Black	26%	8%	8%	8%	8%	8%	8%	8%	8%	
Hispanic/Latino	13%	6%	6%	6%	3%	6%	6%	6%	3%	
HI/Pac. Islander	<1%	<1%	<1%	0%	—	<1%	0%	0%	—	
Multiracial	4%	4%	4%	4%	3%	4%	4%	4%	3%	
White	50%	64%	65%	67%	70%	64%	65%	67%	70%	

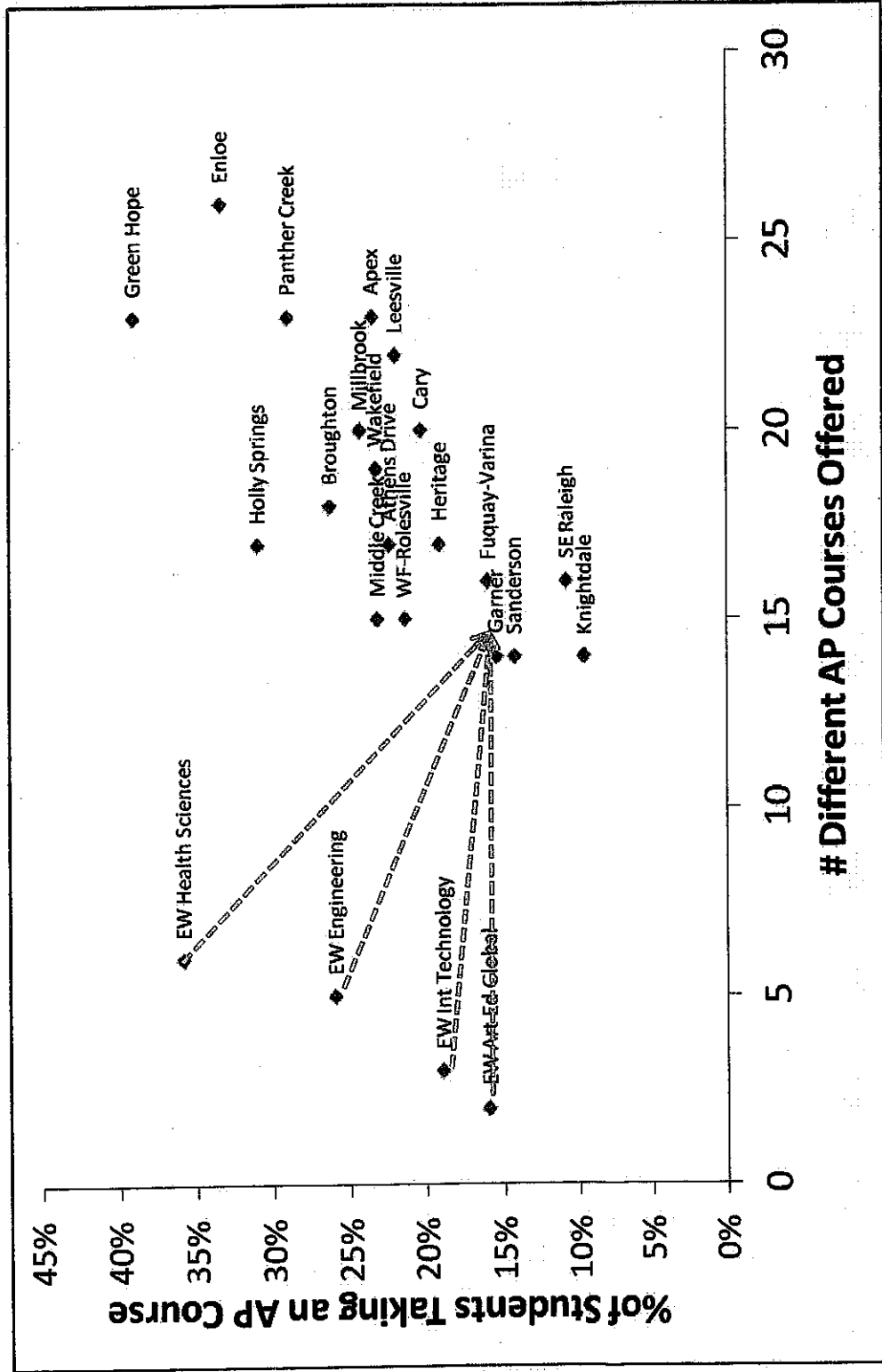
AP Enrollments by Gender

	All HS Students	AP Course Enrollments			
	<u>2012-13</u>	<u>2012-13</u>	<u>2011-12</u>	<u>2010-11</u>	<u>2009-10</u>
Female	49%	54%	53%	52%	54%
Male	51%	46%	47%	48%	46%

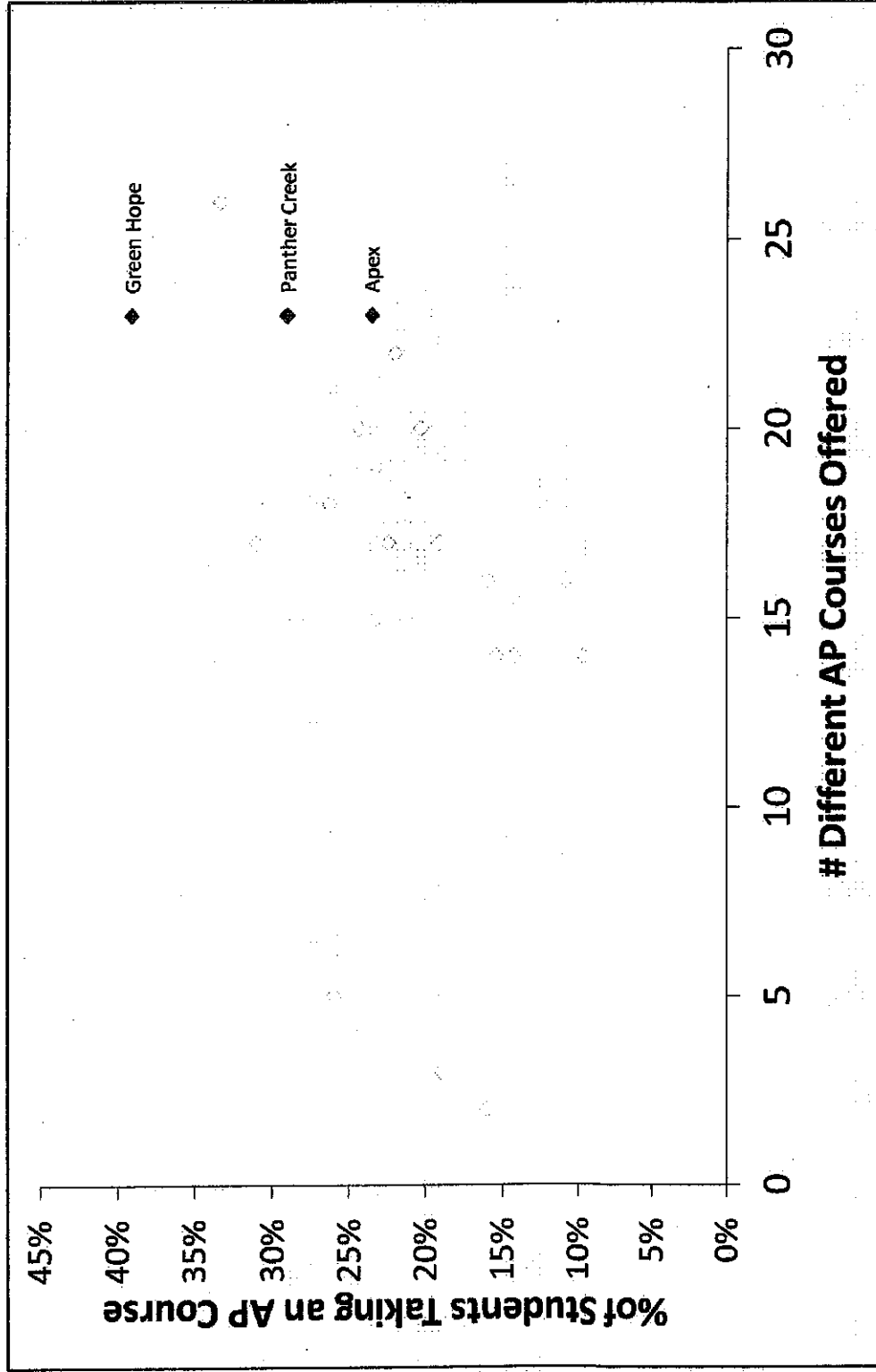
AP Offerings and Participation, 2012-13



AP Offerings and Participation, 2012-13



AP Offerings and Participation, 2012-13



Summary

- AP exam scores remain well above state and national averages
- AP participation is above national rates and continues to increase
- Offerings and participation vary by:
 - Student subgroups
 - School

Implications

- **Course placement guidelines**
 - Do we have consistent and appropriate criteria?
 - Role of the middle school
 - Use of “gateway” courses (AP Human Geography, etc.)
- **Participation vs. exam performance**
 - What is most important?
 - Role of student choice
- **AP is one of many options for rigor**
 - IB, dual enrollment, etc.



WCPSS ADVANCED PLACEMENT (AP) RESULTS, 2011-12 AND 2012-13

Juliana Muli and Brad McMillen

Introduction

One method of delivering college-level coursework to high school students is through the Advanced Placement (AP) program. Many colleges and universities provide credit to students who earn a qualifying score on any of the 34 available AP exams¹ offered by the College Board. All comprehensive high schools in the Wake County Public School System (WCPSS) offer AP courses and exams, although the availability of specific courses varies from school to school. Many students take more than one AP course, but not all AP students take the corresponding exams, administered once per year in the spring. The cost to take each AP exam is currently \$89² with fee reductions for students with financial need.

AP Exam scores are used to determine whether a student is qualified to receive college credit and advanced placement into a higher level course in college. The scores are reported on a 5-point scale as follows:

- 5 = Extremely well qualified
- 4 = Well qualified
- 3 = Qualified
- 2 = Possibly qualified
- 1 = No recommendation

¹ Retrieved from <https://apstudent.collegeboard.org/apcourse> on August 6, 2013.

² Retrieved from <https://apstudent.collegeboard.org/takingtheexam/exam-fees> on August 6, 2013.

Abstract

Students in Wake County Public Schools (WCPSS) continue to score well on AP exams with an increased percentage of students enrolling in the courses. As in past years, in 2013 the district had higher average AP exam scores compared to the state and the nation. WCPSS had 76.6% of scores 3 or higher in 2013 (qualified and above). Again in both 2012 and 2013, a high number of students took exams in Environmental Science, English Language & Composition, Psychology, and Statistics. Schools can use these data to benchmark themselves against their own past performance as well as their peers across the district. Encouraging more students to participate in AP classes and take the exams, in addition to other high-level coursework, should help WCPSS graduates be college and career-ready.

Table of Contents

Introduction/Abstract	1
AP Exam Performance	2
Summary and Recommendations	3
Scores: WCPSS, N.C., U.S.	5
Total # of Exams & % Scores 3+	7
Exam Scores by AP Subject	8
AP Courses/Enrollments by School	9
Enrollments by Ethnicity/Gender	10
Unique Counts by School/Grade	11

AP Exam Performance and Courses

AP EXAM PERFORMANCE

- The number of WCPSS students taking AP exams continues to grow. Between 1996-97 and 2012-13, the number of students taking AP exams increased from 1,480 to 6,163, and the number of exams taken increased from 2,785 to 12,646 (Figure 1). In 1996-97, approximately 7% of WCPSS high school students took at least one AP exam. As of 2012-13, that figure has increased to 14%³.
- WCPSS students continue to score significantly higher than their state and national peers on AP exams, with the percentage of exams with scores of 3 or higher hovering in the high 70s since the mid-1990s. WCPSS AP exam takers consistently perform 15-20 percentage points above state and national performance levels (Figure 2).
- Consistent with the past few years of results, the exams most commonly taken in WCPSS in 2012-13 were Environmental Science, English Language/Composition, Psychology, and U.S. History—all with more than 1,000 exams taken. In 2012-13, Statistics surpassed 1,000 exams for the first time (Table 3).
- In 2012-13, all subjects with five or more exam takers except Art History had average scores above 3, the score point which indicates that a student is qualified to receive college credit for a course in that subject. About half of exams taken in WCPSS in 2012-13 resulted in scores of 4 or 5 (Table 4).

AP COURSE OFFERINGS

- The number of AP courses offered in WCPSS varies by school, with Enloe High School continuing to account for the largest number in 2012-13, followed by Apex, Green Hope, and Panther Creek all offering the same number of courses (Table 5). Sixteen WCPSS high schools offered at least 15 of the 34 AP courses available from College Board in 2012-13 (Table 5).
- Since 2009-10, AP enrollments have increased by almost 30% in WCPSS, with 9,725 individual students accounting for 21,887 AP enrollments in 2012-13 (Table 5). During 2009-10, approximately 19% of the WCPSS high school student body enrolled in at least one AP course³ (McMillen, 2010). As of 2012-13, that figure has increased to 23% (Table 8).
- According to the most recent estimates, the AP coursetaking rate among graduating seniors nationwide (based on 2009 graduates) is about 36% (U. S. Department of Education, 2013). In WCPSS, the rate for graduating seniors was 46% in 2009, and has increased to 49% in 2013.
- Among student subgroups, White and Asian students continue to account for a disproportionate number of AP enrollments relative to their presence in the general student population. Conversely, Black/African American and Hispanic/Latino students comprise 26% and 13% respectively of the high school student population, but only 8% and 6% of AP enrollments (Table 6). Female students also account for proportionately more AP enrollments than do their male counterparts (Table 7).

³ Based on Month 1 membership counts for grades 9-12 for that school year (<http://www.wcpss.net/about-us/our-students/demographics/>).

Summary and Recommendations

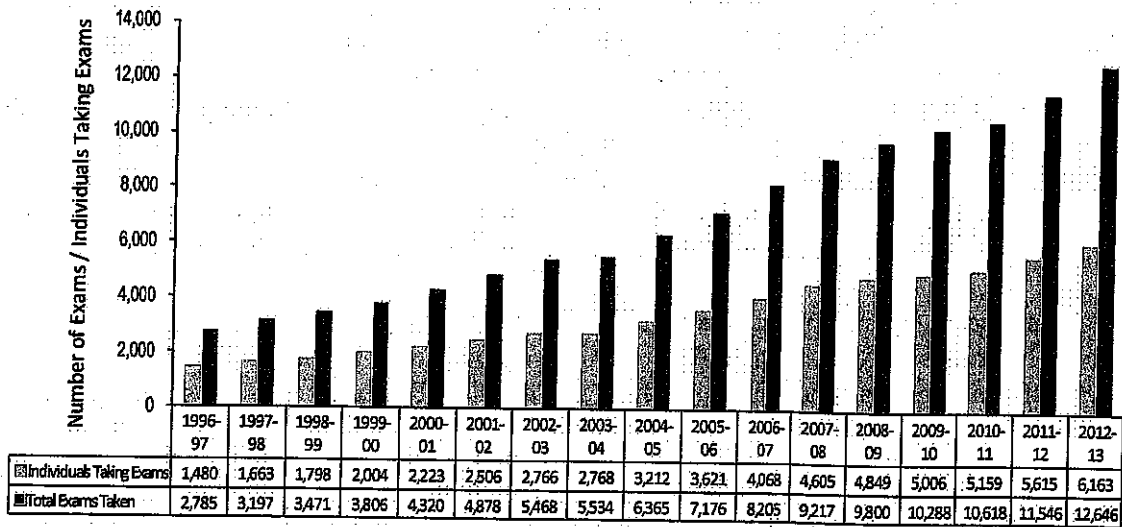
For the past several years, AP course participation has increased significantly in WCPSS, with a larger proportion of students taking part in these advanced level courses in 2012-13 than ever before. WCPSS graduates are also more likely to have taken an AP course than their counterparts nationwide. Nearly half of the senior class took at least one AP course in 2012-13. Encouragingly, this rise in AP course participation has not suppressed students' AP exam performance. AP exam performance levels in WCPSS remain significantly higher than state and national averages. In addition, this does not appear to be a function of more selective exam-taking patterns, as WCPSS has maintained a fairly steady AP exam participation rate of around 60% even as enrollments have increased in recent years.

While getting more students to participate in high-level, rigorous coursework in high school is noteworthy, there are also areas where further improvements could be made. The under-representation of Black/African-American and Hispanic/Latino students in AP courses does not show signs of change in recent years. This may be partly a function of historical achievement gaps and the role those gaps play in course recommendations and planning. It may also suggest the need for more active efforts at the building level to find and encourage students from these under-represented groups to work their way into the AP pipeline, rather than relying on the usual identification and recommendation mechanisms.

Previous studies in WCPSS have demonstrated that students with only moderate academic performance coming out of middle school can still be successful in AP courses, particularly in certain areas (McMillen & Dulaney, 2005). Schools aiming to encourage more AP participation from a broader segment of their student population could use those courses as a way to get a student's "foot in the door" in terms of high-level coursework, which may in turn lead to more academic self-confidence and perhaps even more challenging coursework in subsequent semesters for those students. Although the research is not conclusive, studies suggest that AP coursetaking, especially when coupled with a score of 3 or higher on the accompanying test, may also lead to better academic outcomes in college (see Ewing, 2006 and Pope & Levine, 2013 for reviews).

As an indicator not only of individual students' accomplishments but also the ability of schools to produce graduates who are ready for their next steps in the post-secondary environment, the monitoring of high-level coursetaking and performance is a critical educational outcome measure for any school district. Individual schools whose improvement goals include increasing advanced coursetaking rates for their students can use the data and metrics reported here to benchmark themselves versus their own past performance as well as their peers across the district. Encouraging greater numbers of students to participate in AP and other high-level coursework should help WCPSS high school graduates acquire the skills and knowledge they need to be college- and career-ready in the 21st century.

Figure 1
Total Number of AP Test-Takers and Exams Taken in WCPSS



Data Source: College Board District Summary by Students Demographics (Report run, November 4, 2013)
 Graph Interpretation Example: In 2012-13 a total of 6,163 WCPSS students took a total of 12,646 AP Exams.

Table 1
WCPSS Participation and Performance in AP Exams

Year	# Individuals Taking Exams	Total # of Exams Taken	% of Exams with Scores of 3 or Higher	Average Exam Score
1996-97	1,480	2,785	80.4%	3.42
1997-98	1,663	3,197	79.9%	3.44
1998-99	1,798	3,471	77.8%	3.41
1999-00	2,004	3,806	78.1%	3.38
2000-01	2,223	4,320	77.2%	3.38
2001-02	2,506	4,878	80.5%	3.48
2002-03	2,766	5,468	79.4%	3.42
2003-04	2,768	5,534	78.6%	3.46
2004-05	3,212	6,365	77.8%	3.40
2005-06	3,621	7,176	74.7%	3.30
2006-07	4,068	8,205	75.7%	3.35
2007-08	4,605	9,217	74.4%	3.30
2008-09	4,849	9,800	76.1%	3.36
2009-10	5,006	10,288	76.4%	3.39
2010-11	5,159	10,618	77.3%	3.41
2011-12	5,615	11,546	77.9%	3.45
2012-13	6,163	12,646	76.6%	3.40

Data Source: College Board District Summary by Students Demographics (Report run, November 4, 2013)

Table Interpretation Example: In 2012-13 a total of 12,646 AP exams were taken by 6,163 students. Almost 77% of those exams had a score of 3 or higher and the average exam score for WCPSS was 3.4.

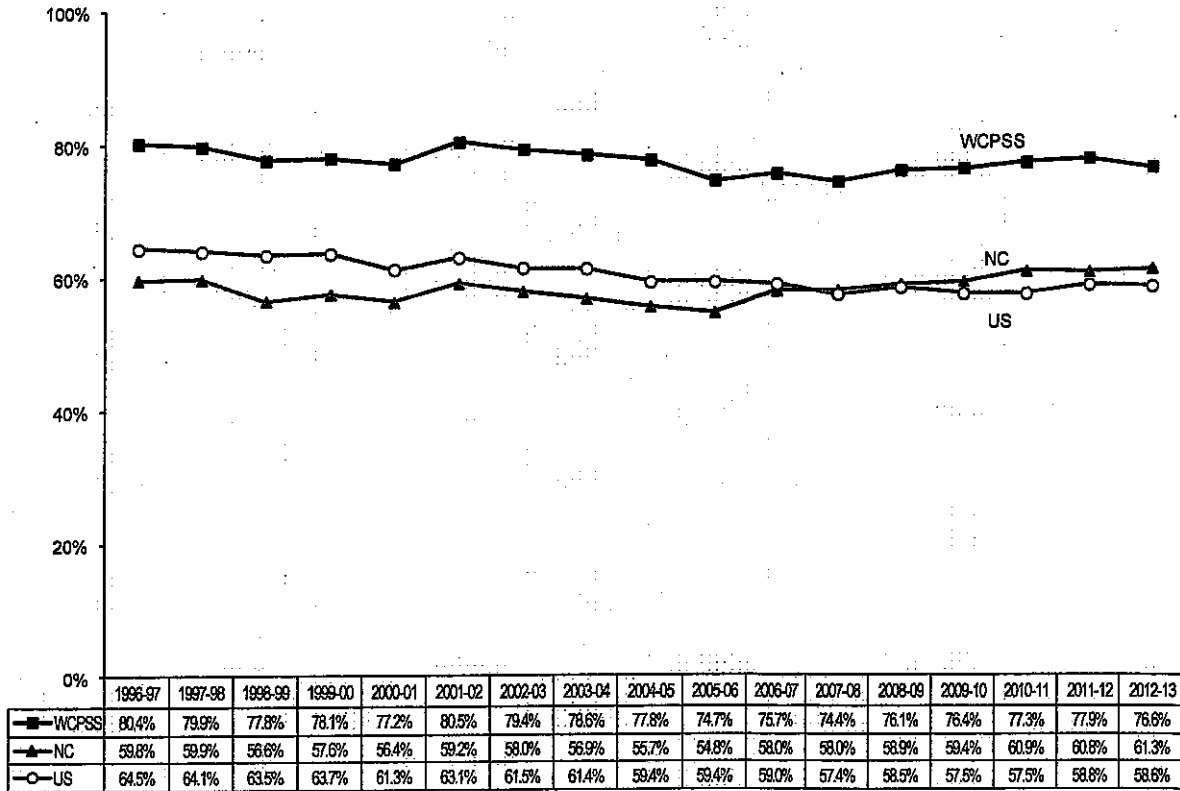
Table 2
Average AP Exam Scores for WCPSS, N.C., and the U.S.

Year	WCPSS	N.C.	U.S.
1996-97	3.42	2.87	3.02
1997-98	3.44	2.89	3.02
1998-99	3.41	2.81	3.02
1999-00	3.38	2.82	3.01
2000-01	3.38	2.81	2.95
2001-02	3.48	2.87	2.99
2002-03	3.42	2.83	2.95
2003-04	3.46	2.81	2.95
2004-05	3.40	2.78	2.89
2005-06	3.30	2.76	2.89
2006-07	3.35	2.84	2.88
2007-08	3.30	2.84	2.83
2008-09	3.36	2.88	2.88
2009-10	3.39	2.89	2.84
2010-11	3.41	2.94	2.84
2011-12	3.45	2.95	2.89
2012-13	3.40	2.93	2.87

Notes: Comparison data for U.S. and N.C. include public and non-public school students by College Board

Data Source: <http://research.collegeboard.org/programs/ap/data/participation/2013>

Figure 2
Percentage of AP Exams with Scores of 3 or Higher in WCPSS, N.C., and U.S.



Notes. A score of 3 is a passing score on college level material. Some colleges award credit for scores of 3 or higher. Comparison data for U.S. and N.C. include public and non-public school students.

Data Sources. College Board at: <http://research.collegeboard.org/programs/ap/data/participation/2013> Retrieved November 2013.
 College Board District Summary by Students Demographics (Report run, November 4, 2013)

Table 3

WCPS Total Number of AP Exams Taken and Percentage of Scores 3 or Higher by Subject, 1999 -2013

AP Exam	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Biology	Total # Exams % 3 or Higher	211 75.4	248 72.6	227 73.1	238 85.7	206 75.7	135 83.0	188 81.9	250 82.4	260 77.7	315 67.6	348 73.9	483 75.2	519 75.1	548 82.3
Calculus AB	Total # Exams % 3 or Higher	354 84.5	374 86.6	336 83.9	418 92.6	499 89.6	188 66.5	198 69.2	229 59.0	269 68.4	313 73.5	268 55.6	219 62.6	221 71.0	208 66.8
Calculus BC	Total # Exams % 3 or Higher	150 81.3	152 90.1	192 95.3	202 89.1	226 84.5	526 89.7	532 87.2	555 90.5	672 84.7	604 86.6	833 89.7	814 81.8	942 84.8	912 83.9
Chemistry	Total # Exams % 3 or Higher	133 74.4	197 81.7	185 73.5	206 72.8	146 82.2	120 79.2	148 68.9	178 70.2	203 79.3	213 67.1	219 74.9	302 67.2	245 70.2	308 72.7
English Lang. & Comp.	Total # Exams % 3 or Higher	558 78.3	651 80.6	824 72.8	788 81.5	794 80.1	870 74.7	857 72.9	1,034 66.2	1,056 75.9	1,306 73.7	1,200 78.8	1,409 81.2	1,467 76.3	1,644 71.2
English Lit. & Comp.	Total # Exams % 3 or Higher	355 78.3	364 77.5	462 74.2	537 79.7	510 74.7	380 80.3	437 79.6	529 76.9	471 77.3	638 74.0	595 76.5	581 80.2	622 76.7	605 76.5
Environmental Science	Total # Exams % 3 or Higher	87 55.2	115 76.5	177 82.5	299 75.3	690 79.4	787 76.4	836 71.5	939 73.6	1,084 74.8	1,253 75.7	1,530 68.0	1,448 71.7	1,545 75.3	1,719 73.1
European History	Total # Exams % 3 or Higher	189 88.4	194 88.7	178 82.6	197 86.8	204 85.3	200 80.5	231 84.0	234 84.2	218 73.4	274 73.4	254 80.1	181 74.6	181 75.6	128 81.3
Govt. & Politics U.S.	Total # Exams % 3 or Higher	25 88.0	37 86.5	49 98.0	100 94.0	216 87.0	164 84.1	245 82.0	223 78.9	286 79.7	303 77.9	383 81.7	426 81.7	605 82.3	565 74.2
Human Geography	Total # Exams % 3 or Higher	N/A N/A	N/A N/A	0 N/A	0 N/A	0 N/A	2 50.0	13 100.0	77 92.2	60 75.0	145 73.8	218 67.7	243 74.9	232 87.5	412 78.6
Physics B	Total # Exams % 3 or Higher	150 86.7	118 76.3	131 86.3	140 70.7	153 79.7	149 86.6	118 85.6	86 67.4	117 73.5	166 76.5	138 83.5	115 84.6	129 81.4	184 81.0
Psychology	Total # Exams % 3 or Higher	71 74.6	47 91.5	145 82.8	167 85.0	196 76.5	315 83.8	447 81.0	477 81.3	759 75.0	810 75.1	1,021 77.7	1,302 78.1	1,371 77.7	1,491 81.6
Spanish Language	Total # Exams % 3 or Higher	55 78.2	103 81.6	83 88.0	93 81.7	90 74.4	110 379	183 565	208 583	182 760	134 75.5	154 857	177 896	210 79.5	234 77.4
Statistics	Total # Exams % 3 or Higher	288 88.9	290 69.0	310 82.9	364 78.0	347 83.0	379 81.5	565 80.2	583 71.7	760 74.7	857 77.2	909 79.8	896 79.8	920 78.3	1,014 81.7
U.S. History	Total # Exams % 3 or Higher	523 66.5	644 67.5	691 64.0	724 70.4	729 71.9	696 74.4	652 74.8	794 70.0	955 71.0	1,050 66.7	1,159 74.6	1,189 76.3	1,363 74.4	1,453 72.2
World History	Total # Exams % 3 or Higher	N/A N/A	N/A N/A	N/A N/A	55 74.5	77 77.9	48 83.3	242 79.8	272 80.1	281 87.5	339 78.8	340 82.1	217 82.9	257 86.8	423 73.3

Table Interpretation Example: In 2012-13 there were 548 Biology exams taken by WCPS students. Of the 548 total exams taken, 82.3% of the scores were 3 or higher (qualified and above).
 Notes: Table lists the most commonly taken exams. AP Human Geography exam was not offered nationally prior to 2000-01. AP World History exam was not offered nationally prior to 2001-02.
 Data Source: College Board: <https://apstudent.collegeboard.org/apcourse>

Table 4
Frequency Distribution and Averages of WCPSS Exam Scores by AP Subject, 2013

		Scores					Total AP Exam Students	
		5	4	3	2	1	Total Exams	
Number of Exams		2,469	3,766	3,456	2,211	744	12,646	
% of Total Exams (percentages are rounded)		20%	30%	27%	18%	6%	100%	
Subjects		5	4	3	2	1	Total Exams	Average Score
Art	Art History	2	9	7	6	7	31	2.8
	Music Theory	33	25	29	19	1	107	3.7
	Studio Art: 2-D Design Portfolio	6	7	7	1		21	3.9
	Studio Art: 3-D Design Portfolio	*	*	*	*	*	*	*
	Studio art: Drawing Portfolio	3	5	11	4		23	3.3
English	English Language and Composition	202	393	575	414	60	1,644	3.2
	English Literature and Composition	52	182	229	131	11	605	3.2
Social Studies	Comparative Government and Politics	16	15	10	10	1	52	3.7
	European History	17	33	54	12	12	128	3.2
	Human Geography	84	139	101	61	27	412	3.5
	Macroeconomics	36	58	43	34	12	183	3.4
	Microeconomics	14	20	5	5	3	47	3.8
	Psychology	402	511	304	163	111	1,491	3.6
	United States Government and Politics	100	123	196	127	19	565	3.3
	United States History	190	455	404	337	67	1,453	3.3
World History	41	84	185	96	17	423	3.1	
Math	Calculus AB	48	40	51	33	36	208	3.1
	Calculus BC	434	171	160	48	99	912	3.9
	Computer Science A	24	18	7	2	3	54	4.1
	Statistics	197	344	287	133	53	1,014	3.5
Science	Biology	54	188	209	93	4	548	3.4
	Chemistry	55	89	80	47	37	308	3.3
	Environmental Science	267	660	330	341	121	1,719	3.4
	Physics B	38	50	61	22	13	184	3.4
	Physics C: Electricity and Magnetism	10	16	7	16	4	53	3.2
	Physics C: Mechanics	20	24	17	12	1	74	3.7
Language	Chinese Language and Culture	39	8	1			48	4.8
	French Language and Culture	4	18	22	7		51	3.4
	German Language and Culture	2	8	4	3	1	18	3.4
	Japanese Language and Culture	5		4	1	1	11	3.6
	Latin	*	*	*	*	*	*	*
	Spanish Language	68	62	51	31	22	234	3.5
	Spanish Literature and Culture	5	10	3	1		19	4.0

Notes: Subjects with fewer than 5 total test-takers have been replaced with asterisks to preserve confidentiality.

Table derived from proprietary district data download from www.collegeboard.com.

Blank cells indicate there were no exams with that score.

The following table includes the number of AP courses which have recorded enrollments for each high school. There may be additional AP course offerings at each high school for which there are no enrollments. Following Table 5 are AP course enrollments by ethnicity and gender in Tables 6 and 7.

Table 5
Number of AP Courses and Total Enrollments By School

School	2012-13 # of AP Courses	2012-13 Total AP Enrollments	2011-12 Total AP Enrollments	2010-11 Total AP Enrollments	2009-10 Total AP Enrollments
Apex HS	23	1,351	1,102	1,061	878
Athens Drive HS	17	1,162	1,023	991	854
Broughton HS	18	1,005	1,006	1,136	1,075
Cary HS	20	1,100	1,121	930	645
Enloe HS	26	2,869	2,655	2,413	2,993
EW Art Ed Global	2	64	40	57	41
EW Engineering	5	136	147	80	51
EW Health Sciences	6	178	121	114	46
EW Int Technology	3	66	30	56	77
Fuquay-Varina HS	16	551	482	484	388
Garner HS	14	762	565	450	328
Green Hope HS	23	2,262	1,928	1,717	1,660
Heritage HS*	17	676	229	34	-
Holly Springs HS	17	1,383	884	658	688
Knightdale HS	14	309	483	441	230
Leesville HS	22	1,094	931	894	934
Middle Creek HS	15	1,103	1,024	891	918
Millbrook HS	20	1,245	1,227	1,233	931
Panther Creek HS	23	1,595	1,533	1,454	1,373
Sanderson HS	14	635	649	604	525
SE Raleigh HS	16	355	352	501	545
Wakefield HS	19	1,181	1,219	1,409	1,207
WF-Rolesville HS**	15	805	822	599	511
Totals		21,887	19,573	18,207	16,898

- Notes:
1. *Heritage High School did not have 11th or 12th grade in 2010-11 and no 12th grade in 2011-12
 2. **WF-Rolesville's name changed to Wake Forest High in the 2013-14 school year
 3. Data source: NCWISE database.

Table 6
WCPSS AP Course Enrollments by Ethnicity

	2012-13		2012-13		2011-12		2010-11		2009-10	
	HS Membership / %		AP ENROLLMENT							
	Total	%	Total	%	Total	%	Total	%	Total	%
American Indian	195	0%	54	0%	29	0%	35	0%	34	0%
Asian	2,508	6%	3,796	17%	3,257	17%	2,676	15%	2,680	16%
Black	11,313	26%	1,684	8%	1,545	8%	1,507	8%	1,313	8%
Hispanic/Latino	5,530	13%	1,397	6%	1,259	6%	1,069	6%	563	3%
Hawaiian/Pacific Is.	55	0%	17	0%	12	0%				
Multiracial	1,890	4%	859	4%	741	4%	647	4%	467	3%
White	21,852	50%	14,080	64%	12,730	65%	12,273	67%	11,841	70%
Total	43,343		21,887		19,573		18,207		16,898	

Table Interpretation Example: Six percent of 2012-13 high school students are Asian in WCPSS. Asian students represent 17% of total enrollments in AP courses. While 26% of high school students are Black/African American, they represent 8% of AP enrollments in 2012-13.

- Notes: 1. Changes in the collection and reporting of student ethnicity per U.S. Department of Education directive means that AP rates by ethnicity prior to 2010-11 may not be directly comparable to those from 2010-11 forward.
2. 2012-13 total 20th-day membership includes 377 students from the two WCPSS Early Colleges (<http://www.wcpss.net/about-us/our-students/demographics/>). Early Colleges do not typically enroll students in AP courses since students take college-level classes at Wake Technical Community College (WTCC) and N.C. State University. Does not include alternative or special schools.
3. Some percentages may not total 100 due to rounding.

Table 7
WCPSS AP Course Enrollments by Gender

	2012-13		2012-13		2011-12		2010-11		2009-10	
	HS Membership / %		AP ENROLLMENT							
	Total	%	Total	%	Total	%	Total	%	Total	%
Female	21,169	49%	11,720	54%	10,337	53%	9,551	52%	9,052	54%
Male	22,174	51%	10,167	46%	9,236	47%	8,656	48%	7,846	46%
Total	43,343		21,887		19,573		18,207		16,898	

- Notes: 1. 2012-13 total 20th-day membership includes 377 students from the two WCPSS Early Colleges (<http://www.wcpss.net/about-us/our-students/demographics/>). Early Colleges do not typically enroll students in AP courses since students take college-level classes at Wake Technical Community College (WTCC) and N.C. State University. Does not include alternative or special schools.
2. Some percentages may not total 100 due to rounding.

Counts of Students Enrolled in at Least One AP Course and 20th-Day Membership

School	9 th		10 th		11 th		12 th		Total AP Students	Total 20 th -Day Membership	Total % AP Enrollment
	AP	Membership	AP	Membership	AP	Membership	AP	Membership			
Apex HS	0	759	61	671	232	576	315	581	608	2,587	23.5%
Athens Drive HS	0	572	29	509	212	491	205	417	446	1,989	22.4%
Broughton HS	0	638	167	568	192	461	211	500	570	2,167	26.3%
Cary HS	0	717	11	569	196	558	276	539	483	2,383	20.3%
Enloe HS	26	788	240	742	330	586	298	557	894	2,673	33.4%
EW Art Ed Global	0	116	5	91	4	98	53	82	62	387	16.0%
EW Engineering	0	127	4	96	40	78	53	72	97	373	26.0%
EW Health Sciences	0	116	3	92	69	79	65	95	137	382	35.9%
EW Int Technology	0	105	6	94	41	73	15	54	62	326	19.0%
Fuquay-Varina HS	0	560	42	477	101	445	164	435	307	1,917	16.0%
Garner HS	0	743	39	614	144	532	189	511	372	2,400	15.5%
Green Hope HS	2	657	135	563	388	515	343	484	868	2,219	39.1%
Heritage HS	0	577	78	474	127	426	144	350	349	1,827	19.1%
Holly Springs HS	3	610	152	549	249	548	289	525	693	2,232	31.0%
Knightdale HS	0	538	4	439	61	390	100	345	165	1,712	9.6%
Leesville HS	21	676	18	557	213	538	257	546	509	2,317	22.0%
Middle Creek HS	0	601	15	494	212	483	234	406	461	1,984	23.2%
Millbrook HS	0	737	199	717	239	622	190	504	628	2,580	24.3%
Panther Creek HS	0	585	123	618	264	586	291	552	678	2,341	29.0%
Sanderson HS	0	640	8	505	152	476	138	468	298	2,089	14.3%
SE Raleigh HS	0	445	2	427	83	372	87	331	172	1,575	10.9%
*Wake Health & Sci.										267	
*Wake NC State STEM										110	
Wakefield HS	0	789	132	613	201	568	255	559	588	2,529	23.3%
WF-Rolesville HS	17	531	45	543	167	468	194	435	423	1,977	21.4%
WCPSS Total	69	12,627	1,518	11,022	3,917	9,969	4,366	9,348	**9,870	43,343	***23.0%

Notes: 1. *Wake Early Colleges do not typically enroll students in AP courses. Students take college level classes at WTCC and N.C. State University.
 2. **Some students are double-counted if they took AP courses in multiple schools. WCPSS' districtwide unique student enrollment total is 9,725.
 3. *** Percentage was derived from 20th-day membership and excludes students from the two Early Colleges.
 4. WF-Rolesville's name changed to Wake Forest High in the 2013-14 school year.

Data sources: a) District membership from WCPSS Student Demographics at: <http://www.wcpss.net/about-us/our-students/demographics/>
 b) AP Enrollments: NC WISE database.

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