

2013-14 End-of-Course Examination Program (EOCEP) Test Result Summary

Average scale scores increased in the 2013-14 for South Carolina students on all four of the subjects tested by the End-of-Course Examination Program (EOCEP). Gains ranged from 2.2 points in U.S. History and the Constitution (USHC) and 1.5 points in Algebra to 0.5 points in Biology and English. Passing rates on the tests increased in three of the four subjects. USHC showed the largest gain, 4.8 percentage points, followed by Algebra with a 2.8 point gain and Biology with a 0.6 point gain. There was a slight decline in the passing rate for English (0.2 percentage points). The percentages of students earning a score of 'A' (93 to 100) also increased noticeably in all four subjects: Algebra by 6.7 percentage points, USHC by 5.4 points, English by 2.7 points and Biology by 2.3 points.

Scores for student subgroups of interest generally followed the same patterns as those for all students. The three most populous ethnic groups (Whites, Blacks, and Hispanics) all showed improvement in average scale score for all four subjects. Students with Disabilities (SWD), Limited English Proficiency (LEP) students, and students receiving subsidized meals showed similar improvement. Passing rates on the tests also generally improved, with the exception of English, where Black students and subsidized-meal students showed slight declines (1.3 and 0.3 percentage points, respectively).

Despite the consistent gains across all subgroups of students, there were fewer instances of narrowing achievement gaps. Comparing SWDs with Non-Disabled students, the percent passing gap narrowed in three subjects and was unchanged for USHC. For Black and White students, the percent passing gap grew smaller in all subjects except English. Gaps were reduced in two of four subjects for White vs. Hispanic students, LEP vs. English-speaking students, and subsidized-meal vs. paid-meal students.

EOCEP tests are administered to students in designated courses. The EOCEP test score counts for 20 percent of each student's final grade in that course.

2013-14 End-of-Course Examination Program (EOCEP) Test Result Bullet Points

Overall –

- Average scale score increased in all four subjects
- Percent passing increased in three of four subjects (Algebra, Biology, USHC)

Changes for six subgroups of students: White, Black, Hispanic, SWD, LEP, F/R Lunch

- Average scale score increased in all 24 cases (6 subgroups X 4 subjects)
- Percent passing increased in 22 of 24 cases

Changes in five achievement gaps: White-Black, White-Hispanic, SWD-Non, LEP-Non, F/R–Paid

- Gap in average scale score decreased in 3 of 20 cases, with four unchanged (5 gaps X 4 subjects)
- Gap in percent passing decreased in 12 of 20 cases, with one unchanged

By Subject

Algebra –

- All students average scale score increased by 1.5 points
 - Average scale score improved for all six subgroups
 - Scale score gaps grew smaller in one of five comparisons (LEP-Non)
- All students percent passing increased by 2.8 percentage points
 - Percent passing improved for all subgroups by 2 or more percentage points; SWD students improved by 5.7 points
 - Three of five passing rate gaps grew smaller; LEP-Non gap improved by 3.0 points

Biology –

- All students average scale score improved by 0.5 points
 - Average scale score improved for all six subgroups
 - Scale score gaps were unchanged in 3 of 5 comparisons, increased slightly for LEP-Non and F/R - Paid
- All students percent passing increased by 0.6 percentage points
 - Percent passing improved for all six subgroups
 - Four of five passing rate gaps grew smaller (Exception: F/R – Paid)

English –

- All students average scale score increased by 0.5 points
 - Average scale score improved for all six subgroups
 - Scale score gaps grew smaller in two of five comparisons and was unchanged in another
- All students percent passing declined by 0.2 percentage points
 - Percent passing improved for four of six subgroups
 - Three of five passing rate gaps grew smaller

US History and the Constitution –

- All students average scale score improved by 2.2 points
 - Average scale score improved for all six subgroups
 - Scale score gaps grew larger in all 5 comparisons
- All students percent passing increased by 4.8 percentage points
 - Percent passing improved for all six subgroups, by 3.4 percentage points or more
 - Two passing rate gaps grew smaller, with one unchanged

**End-of-Course Examination Program (EOCEP) Results
All Students
2013-14 School Year (compared with previous year)**

**Percentages of Students at Each Letter Grade, Passing Rate,
and Average Scale Score**

Algebra

Year	% A	% B	% C	% D	% F	% Pass	Avg. Score
2012-13	16.3	20.8	26.4	19.3	17.2	82.8	80.6
2013-14	23.0	16.3	26.0	20.2	14.4	85.6	82.1
<i>Change</i>	+6.7	- 4.5	- 0.4	+0.9	- 2.8	+2.8	+1.5

Biology

Year	% A	% B	% C	% D	% F	% Pass	Avg. Score
2012-13	28.0	16.0	19.4	14.9	21.8	78.2	81.3
2013-14	30.3	14.8	17.6	16.0	21.2	78.8	81.8
<i>Change</i>	+2.3	- 1.2	- 1.8	+1.1	- 0.6	+0.6	+0.5

English

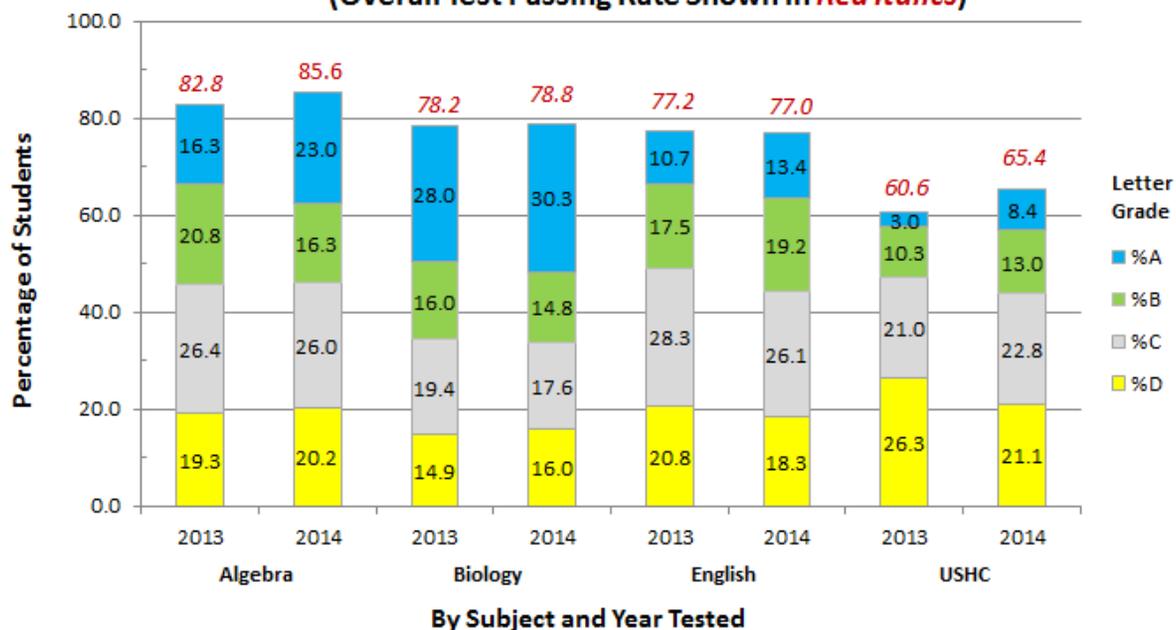
Year	% A	% B	% C	% D	% F	% Pass	Avg. Score
2012-13	10.7	17.5	28.3	20.8	22.8	77.2	77.9
2013-14	13.4	19.2	26.1	18.3	23.0	77.0	78.4
<i>Change</i>	+2.7	+1.7	- 2.2	- 2.5	+0.2	- 0.2	+0.5

U. S. History and the Constitution

Year	% A	% B	% C	% D	% F	% Pass	Avg. Score
2012-13	3.0	10.3	21.0	26.3	39.4	60.6	72.7
2013-14	8.4	13.0	22.8	21.1	34.6	65.4	74.9
<i>Change</i>	+5.4	+2.7	+1.8	- 5.2	- 4.8	+4.8	+2.2

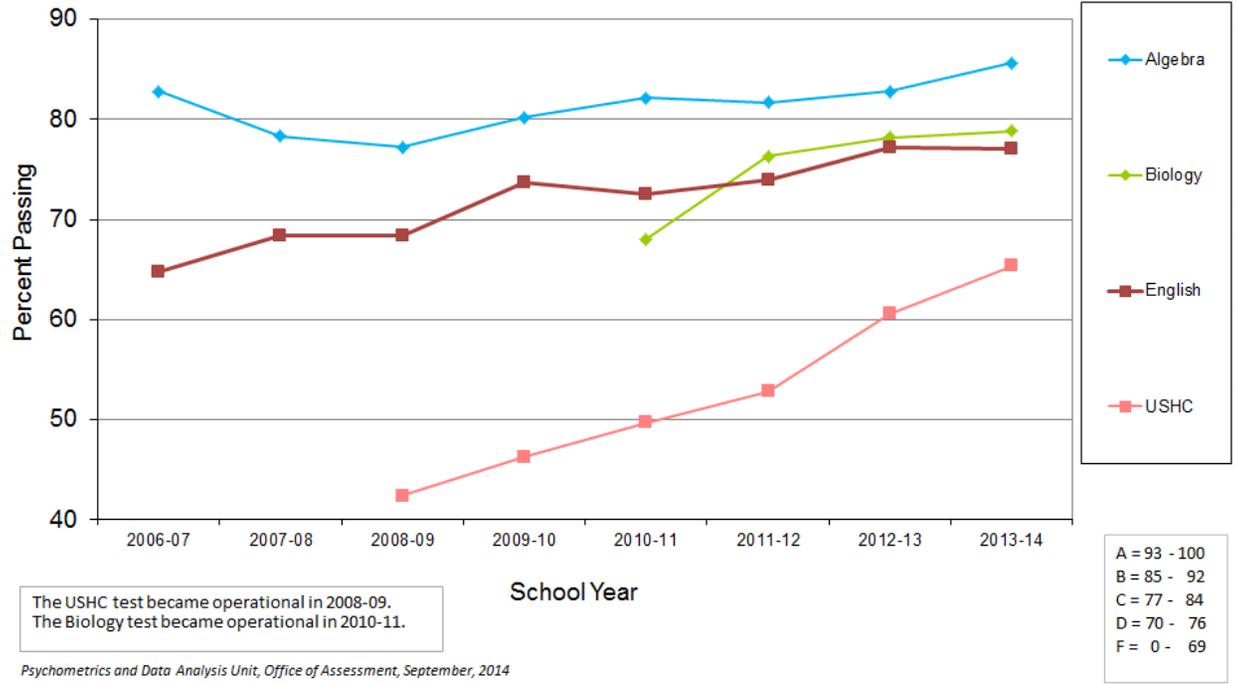
Increases in passing rate or average score are noted in **Bold** and highlighted in **Green**.
Decreases are noted in *Italics* and highlighted in **Yellow**.

End-of-Course Examination Program(EOCEP)
Percentage of Passing Students at Each Letter Grade
2013-14 School Year Compared with Previous Year
(Overall Test Passing Rate Shown in *Red Italics*)

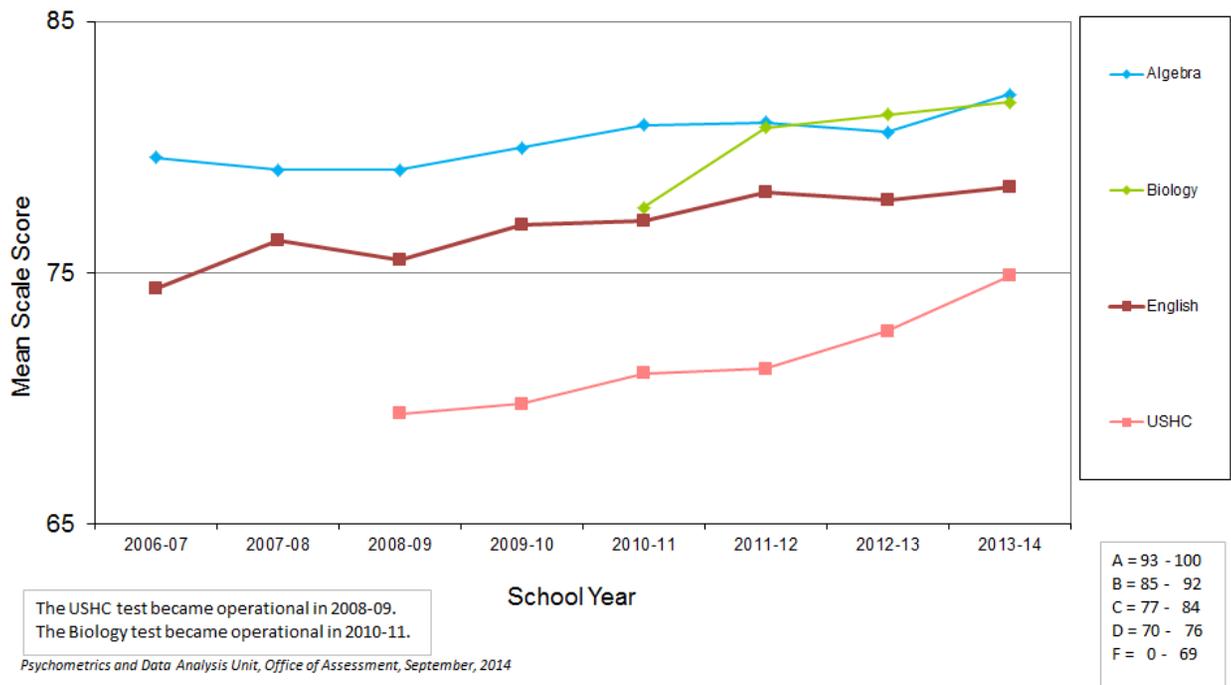


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**End-of-Course Examination Program(EOCEP)
All Students
Percent Passing by Subject and Year**



End-of-Course Examination Program(EOCEP)
All Students
Mean Scale Score by Subject and Year



**End-of-Course Examination Program (EOCEP) Results
By Subgroup
2013-14 School Year (compared with previous year)**

Algebra

Group	Average Score			Percent Passing		
	2012-13	2013-14	Change	2012-13	2013-14	Change
All Students	80.6	82.1	+1.5	82.8	85.6	+2.8
Hispanic	80.1	81.6	+1.5	84.2	86.2	+2.0
Black	76.2	77.1	+0.9	73.0	76.6	+3.6
White	83.3	85.1	+1.8	88.7	91.1	+2.4
W/Disabilities	71.7	72.5	+0.8	54.7	60.4	+5.7
LEP	80.1	81.1	+1.0	82.4	84.5	+2.1
F/R Lunch	77.5	78.6	+1.1	76.4	80.0	+3.6

Biology

Group	Average Score			Percent Passing		
	2012-13	2013-14	Change	2012-13	2013-14	Change
All Students	81.3	81.8	+0.5	78.2	78.8	+0.6
Hispanic	78.9	79.5	+0.6	73.9	75.3	+1.4
Black	74.5	75.1	+0.6	63.9	64.7	+0.8
White	85.6	86.2	+0.6	87.3	88.0	+0.7
W/Disabilities	67.8	68.4	+0.6	40.6	42.0	+1.4
LEP	76.4	76.7	+0.3	67.1	67.9	+0.8
F/R Lunch	76.4	76.9	+0.5	68.5	69.1	+0.6

English

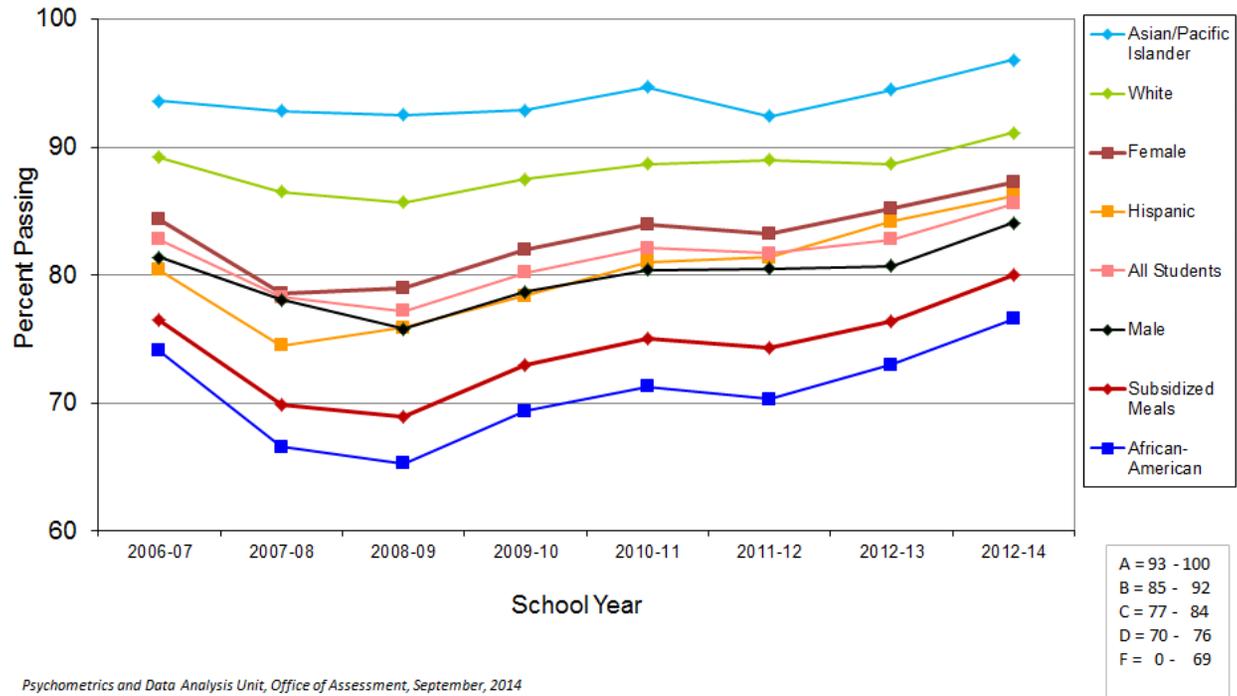
Group	Average Score			Percent Passing		
	2012-13	2013-14	Change	2012-13	2013-14	Change
All Students	77.9	78.4	+0.5	77.2	77.0	<i>- 0.2</i>
Hispanic	75.3	76.3	+1.0	72.2	72.6	+0.4
Black	72.8	73.0	+0.2	63.7	62.4	<i>- 1.3</i>
White	81.3	81.9	+0.6	86.2	86.3	+0.1
W/Disabilities	66.6	67.1	+0.5	38.2	39.1	+0.9
LEP	72.4	73.9	+1.5	63.4	66.2	+2.8
F/R Lunch	74.1	74.6	+0.5	67.6	67.3	<i>- 0.3</i>

U. S. History and the Constitution

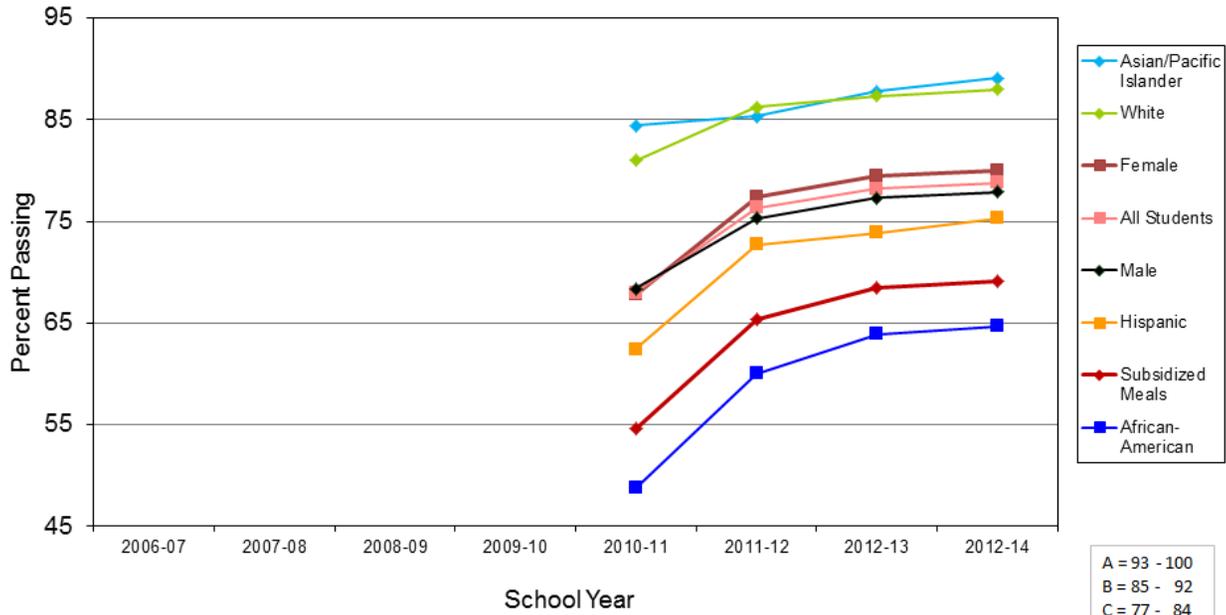
Group	Average Score			Percent Passing		
	2012-13	2013-14	Change	2012-13	2013-14	Change
All Students	72.7	74.9	+2.2	60.6	65.4	+4.8
Hispanic	71.8	73.5	+1.7	58.9	62.6	+3.7
Black	68.1	69.7	+1.6	41.1	46.8	+5.7
White	75.6	78.1	+2.5	72.7	76.7	+4.0
W/Disabilities	65.2	66.2	+1.0	28.1	33.0	+4.9
LEP	69.9	71.3	+1.4	50.7	54.1	+3.4
F/R Lunch	69.2	70.8	+1.6	46.2	51.9	+5.7

Increases in average score or passing rate are noted in **Bold** and highlighted in **Green**.
Decreases are noted in *Italics* and highlighted in **Yellow**.

End-of-Course Examination Program(EOCEP) Algebra 1 / Mathematics for the Technologies 2 Percent Passing by School Year



**End-of-Course Examination Program(EOCEP)
Biology 1 / Applied Biology 2
Percent Passing by School Year**

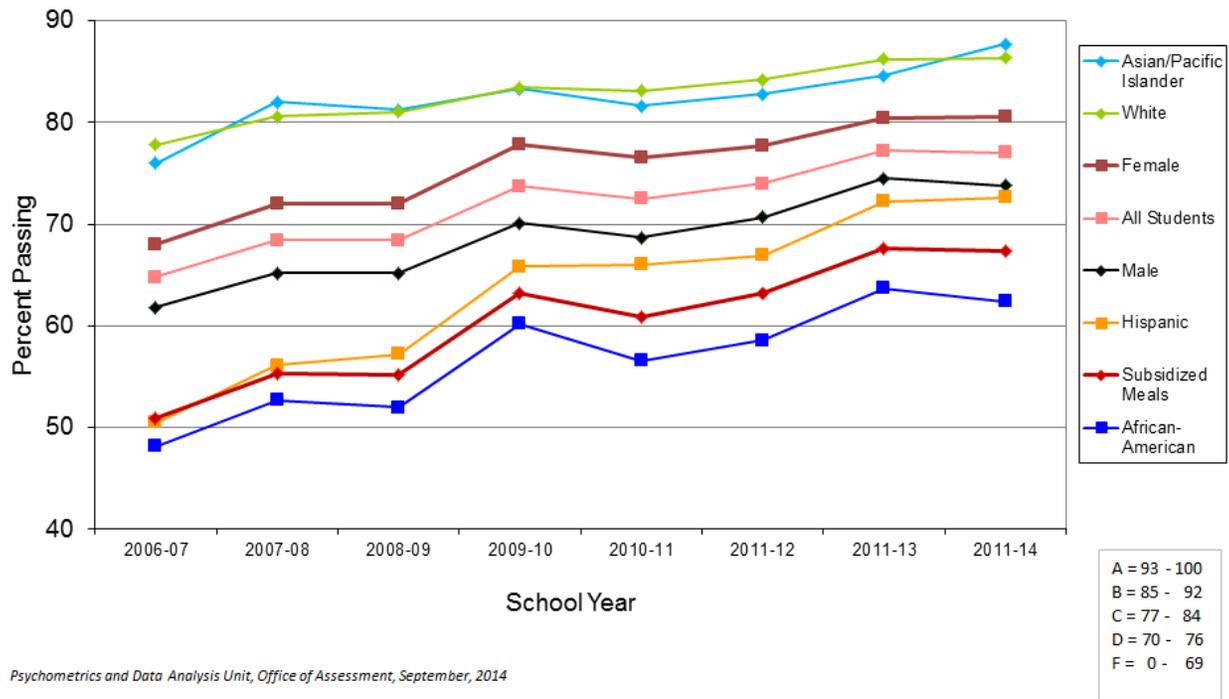


The Biology test became operational in 2010-11.

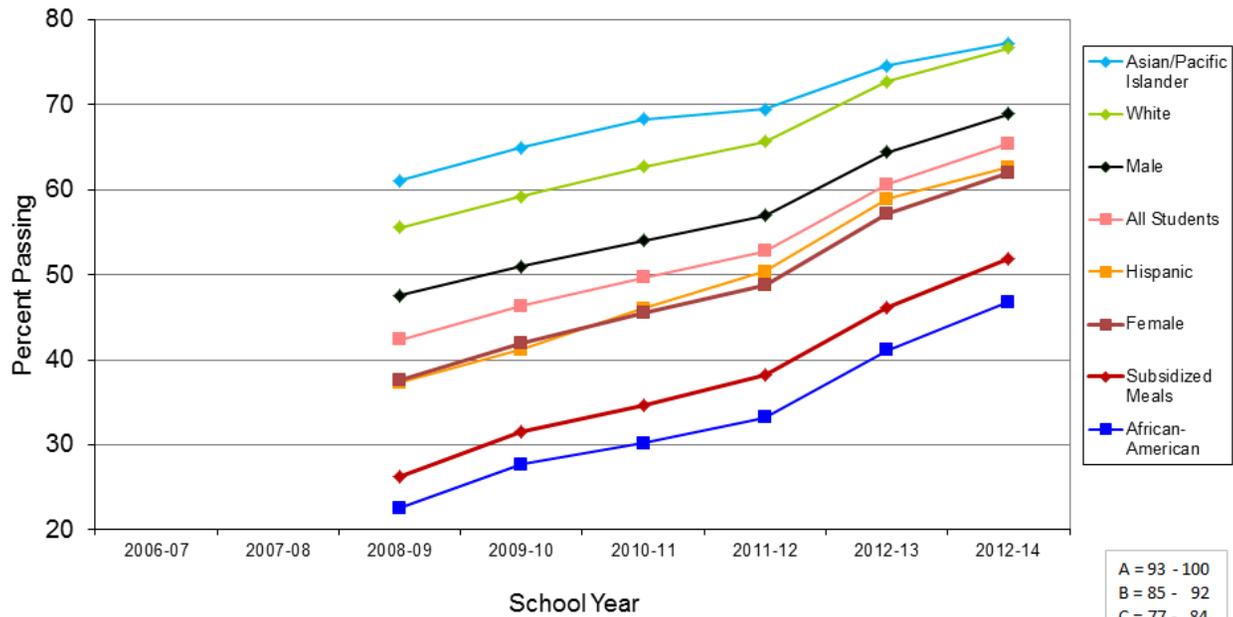
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A = 93 - 100
B = 85 - 92
C = 77 - 84
D = 70 - 76
F = 0 - 69

End-of-Course Examination Program(EOCEP) English 1 Percent Passing by School Year



End-of-Course Examination Program(EOCEP) U.S. History and the Constitution Percent Passing by School Year

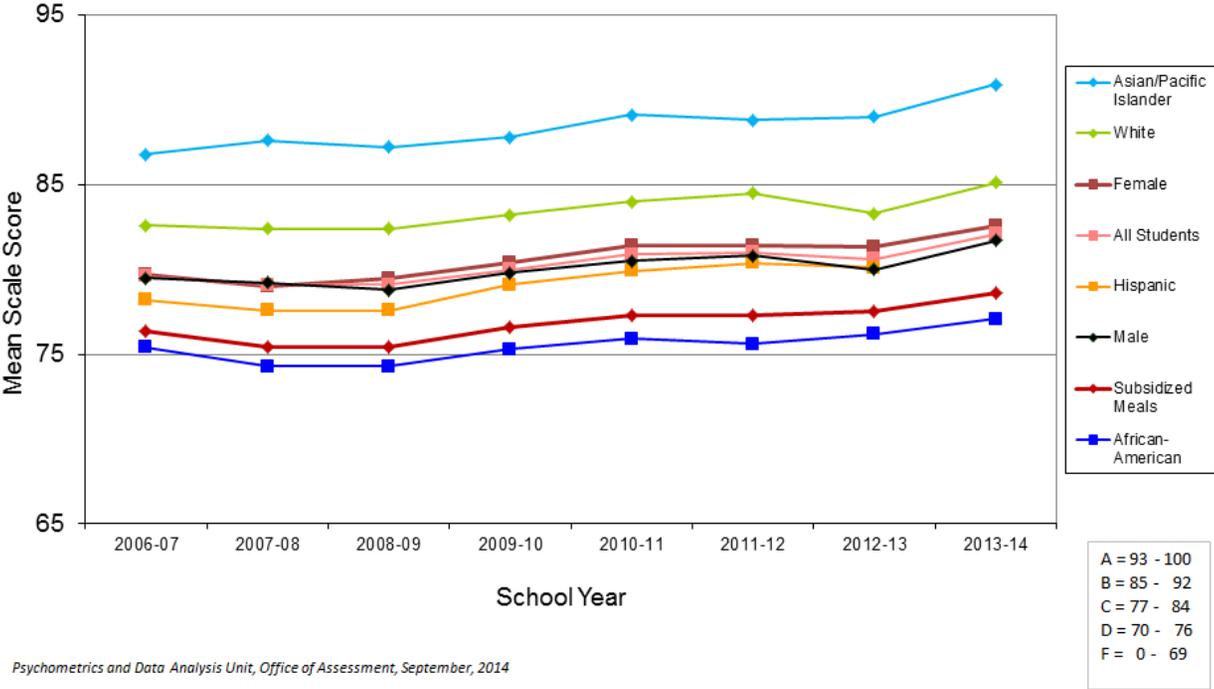


The USHC test became operational in 2008-09.

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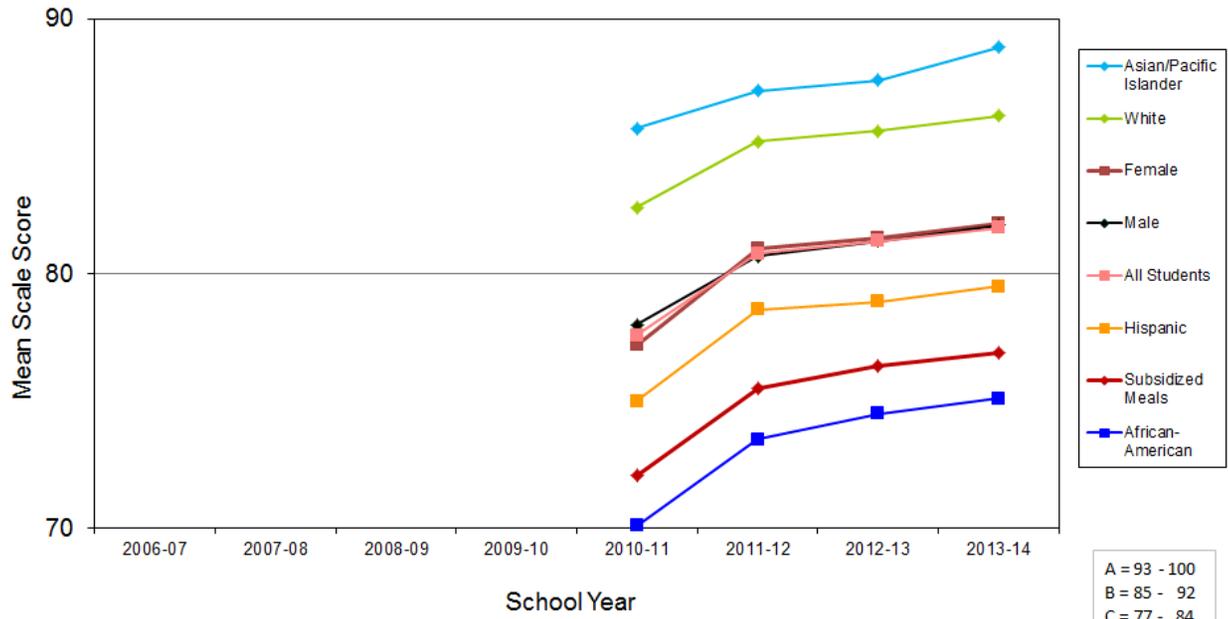
A = 93 - 100
 B = 85 - 92
 C = 77 - 84
 D = 70 - 76
 F = 0 - 69

**End-of-Course Examination Program(EOCEP)
Algebra 1 / Mathematics for the Technologies 2
Mean Scale Score by School Year**



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**End-of-Course Examination Program (EOCEP)
Biology 1 / Applied Biology 2
Mean Scale Score by School Year**

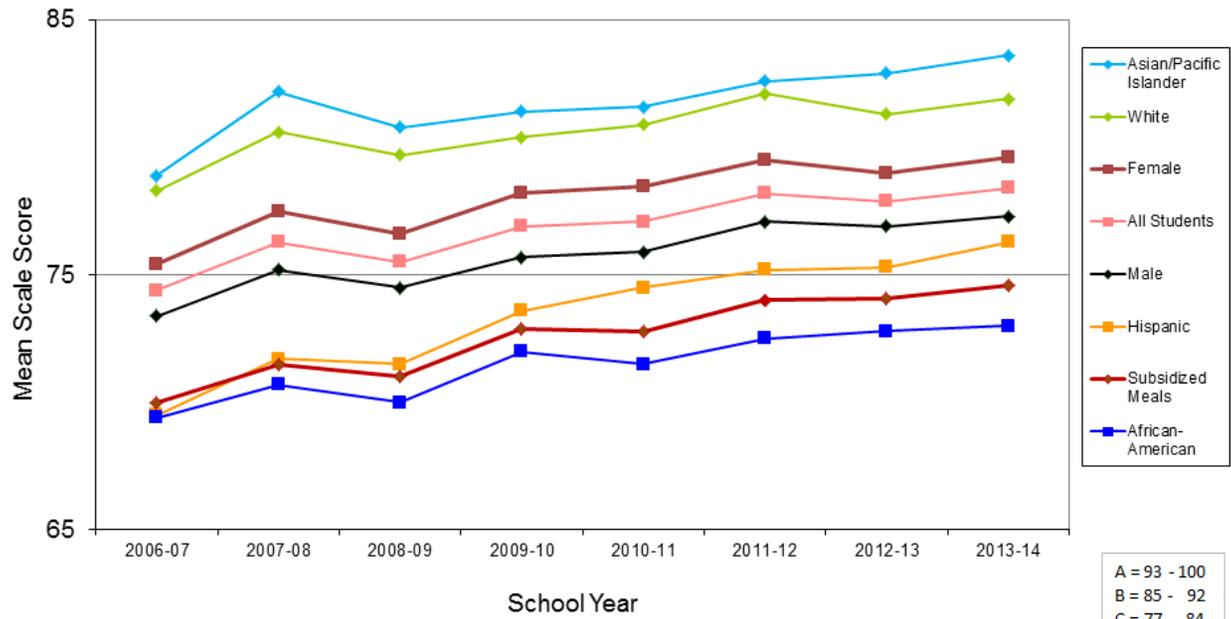


The Biology test became operational in 2010-11.

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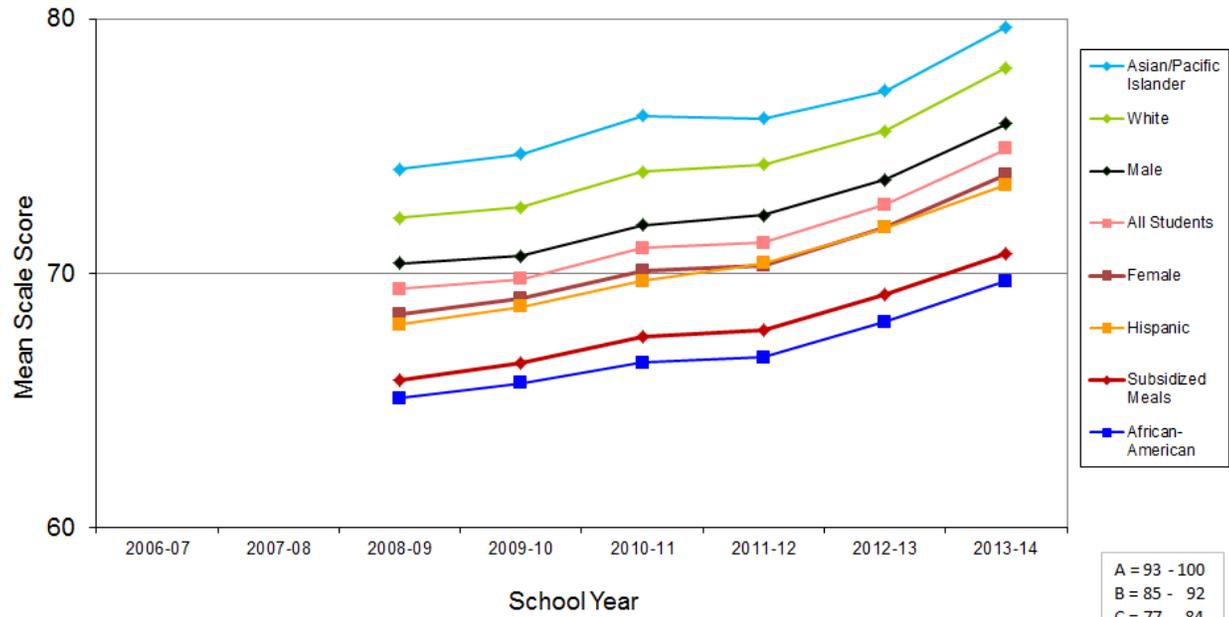
A = 93 - 100
B = 85 - 92
C = 77 - 84
D = 70 - 76
F = 0 - 69

**End-of-Course Examination Program(EOCEP)
English 1
Mean Scale Score by School Year**



A = 93 - 100
 B = 85 - 92
 C = 77 - 84
 D = 70 - 76
 F = 0 - 69

End-of-Course Examination Program (EOCEP) U.S. History and the Constitution Mean Scale Score by School Year



The USHC test became operational in 2008-09.

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A = 93 - 100
 B = 85 - 92
 C = 77 - 84
 D = 70 - 76
 F = 0 - 69

**End-of-Course Examination Program (EOCEP) Results
Achievement Gaps
2013-14 School Year (compared with previous year)**

White vs. Black Students

Subject	Average Score Gap			Percent Passing Gap		
	2012-13	2013-14	Change	2012-13	2013-14	Change
Algebra	7.1	8.0	<i>+0.9</i>	15.7	14.5	- 1.2
Biology	11.1	11.1	0.0	23.4	23.3	- 0.1
English	8.5	8.9	<i>+0.4</i>	22.5	23.9	<i>+1.4</i>
USHC	7.5	8.4	<i>+0.9</i>	31.6	29.9	- 1.7

White vs. Hispanic Students

Subject	Average Score Gap			Percent Passing Gap		
	2012-13	2013-14	Change	2012-13	2013-14	Change
Algebra	3.2	3.5	<i>+0.3</i>	4.5	4.9	<i>+0.4</i>
Biology	6.7	6.7	0.0	13.4	12.7	- 0.7
English	6.0	5.6	- 0.4	14.0	13.7	- 0.3
USHC	3.8	4.6	<i>+0.8</i>	13.8	14.1	<i>+0.3</i>

Non-disabled vs. Students with Disabilities

Subject	Average Score Gap			Percent Passing Gap		
	2012-13	2013-14	Change	2012-13	2013-14	Change
Algebra	9.8	10.6	<i>+0.8</i>	30.7	27.7	- 3.0
Biology	14.9	14.9	0.0	41.6	40.7	- 0.9
English	12.5	12.5	0.0	43.0	42.0	- 1.0
USHC	8.1	9.5	<i>+1.4</i>	35.2	35.2	0.0

English Speakers vs. LEP Students

Subject	Average Score Gap			Percent Passing Gap		
	2012-13	2013-14	Change	2012-13	2013-14	Change
Algebra	0.6	1.0	<i>+0.4</i>	0.4	1.1	<i>+0.7</i>
Biology	5.1	5.4	<i>+0.3</i>	11.6	11.3	- 0.3
English	5.7	4.7	- 1.0	14.4	11.3	- 3.1
USHC	2.9	3.8	<i>+0.9</i>	10.3	11.7	<i>+1.4</i>

Paying vs. Subsidized Lunch Students

Subject	Average Score Gap			Percent Passing Gap		
	2012-13	2013-14	Change	2012-13	2013-14	Change
Algebra	6.4	7.2	<i>+0.8</i>	13.0	11.4	- 1.6
Biology	9.7	9.9	<i>+0.2</i>	19.2	19.3	<i>+0.1</i>
English	7.9	8.0	<i>+0.1</i>	19.9	20.5	<i>+0.6</i>
USHC	6.5	7.6	<i>+1.1</i>	26.7	25.0	- 1.7

Decreases in average score and passing rate gaps are noted in **Bold** and highlighted in **Green**.
Increases are noted in *Italics* and highlighted in **Yellow**.