

Profile Report - State

Graduating Class 2017

Kentucky



Code 189999 Kentucky

Total Students in Report: 51,203

New to your 2017 Profile Report

Though ACT will continue to report English, mathematics, reading, and science subject scores, beginning in September 2016, subscores such as rhetorical skills and arts/literature will be omitted. Instead, a comprehensive set of reporting categories aligned with ACT College and Career Readiness Standards and other standards that target college and career readiness will be included. This change will make it easier for students, parents, and educators to gain deeper insight into students' performance and better understand strengths and areas for improvement in each subject.

In this report, reporting category outcomes indicate the percentage of students with reporting category scores falling within associated ACT Readiness Ranges. These ranges reflect where a student who as met an associated ACT College Readiness Benchmark would typically perform in each reporting category.

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We are pleased to provide this 2017 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2017 graduates who took the ACT as sophomores, juniors, or seniors under standard- or extended-time conditions and achieved a college reportable composite score. The most recent set of test information is used in your report for students testing more than once.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

Tests of academic achievement in English, math, reading, science, STEM, and writing (optional) High school grade and course information Student Profile Section Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College and Career Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. College and Career Readiness Standards to the Classroom interpretive guides can be found at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science, Biology and STEM. These scores were empirically derived based on the actual performance of students in college.

College Course/Course Area	ACT Score	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23
STEM	STEM	26

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

20% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 51,203 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 60% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.8 reports 3% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 17% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 7% of these students were college ready. In comparison, 38% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.8 reports 12% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 34% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 3.1 reports the percentage of students falling in each of the ACT College and Career Readiness Standards score ranges. For example, approximately 62% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College and Career Readiness Standards at at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether, among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1365 or customerservices@act.org.

Fraduating Class 2017

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Total Students in Report: 51,203

Section I Executive Summary

Beginning in August of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning in August 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.8 and 1.9 on page 10.

Figure 1.1. Average Composite Scores: 5 Years of Testing*

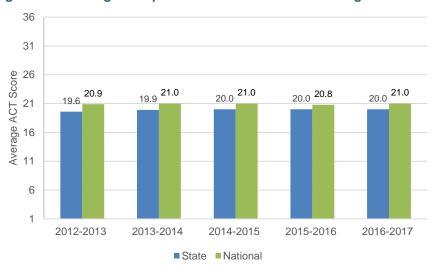


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

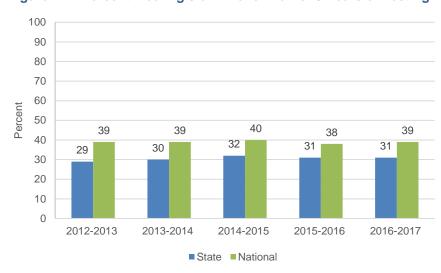


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

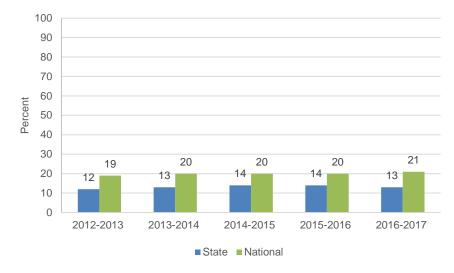
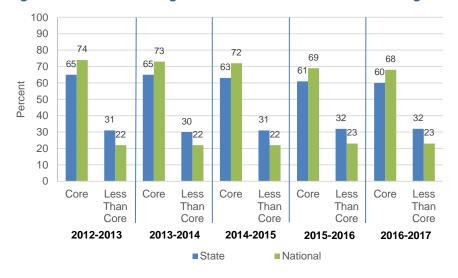


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



^{*} Missing columns in above graphs reflect years in which no students were tested.

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Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

	Number o	of Students	Percent Who Met Benchmarks											
	Te	sted	Eng	English Mathematics Reading Science							Met All Four			
Year	State	National	State	National	State	National	State	National	State	National	State	National		
2013	49,551	1,799,243	57	64	30	44	36	44	28	36	18	26		
2014	48,845	1,845,787	59	64	31	43	37	44	29	37	19	26		
2015	49,538	1,924,436	60	64	32	42	39	46	32	38	21	28		
2016	50,809	2,090,342	59	61	31	41	40	44	30	36	20	26		
2017	51,203	2,030,038	58	61	30	41	41	47	31	37	20	27		

Table 1.2. Five Year Trends—Average ACT Scores

	Number of	of Students	Average ACT Scores English Mathematics Reading Science Composite											
	Te	sted	En	glish	Mathe	ematics	Sci	ence	Composite					
Year	State	National	State	National	State	National	State	National	State	National	State	National		
2013	49,551	1,799,243	19.2	20.2	19.2	20.9	19.9	21.1	19.7	20.7	19.6	20.9		
2014	48,845	1,845,787	19.4	20.3	19.4	20.9	20.3	21.3	20.0	20.8	19.9	21.0		
2015	49,538	1,924,436	19.5	20.4	19.5	20.8	20.3	21.4	20.1	20.9	20.0	21.0		
2016	50,809	2,090,342	19.7	20.1	19.3	20.6	20.6	21.3	19.9	20.8	20.0	20.8		
2017	51,203	2,030,038	19.6	20.3	19.4	20.7	20.5	21.4	20.1	21.0	20.0	21.0		

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

	Number of Students	Average ACT Scores										
Yea	r Tested	English	Mathematics	Reading	Science	Composite						
2013	1,799,243	20.2	20.9	21.1	20.7	20.9						
2014	4 1,845,787	20.3	20.9	21.3	20.8	21.0						
201	5 1,924,436	20.4	20.8	21.4	20.9	21.0						
2010	5 2,090,342	20.1	20.6	21.3	20.8	20.8						
2017	7 2,030,038	20.3	20.7	21.4	21.0	21.0						

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Total Students in Report: 51,203

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

									Average A	ACT Scores				
	Num	ber of					•				•		•	
	Student	s Tested	Perd	cent ²	Eng	glish	Mathe	ematics	Rea	ding	Sci	ence	Com	posite
			Core	Less										
	Core or	Less than	or	than	Core or	Less than	Core or	Less than	Core or	Less than	Core or	Less than	Core or	Less than
Year	More ¹	Core	More	Core	More	Core	More	Core	More	Core	More	Core	More	Core
2013	32,364	15,260	65	31	20.6	16.9	20.1	17.7	21.1	17.9	20.6	18.0	20.7	17.8
2014	31,832	14,755	65	30	20.8	17.3	20.2	18.0	21.3	18.5	20.9	18.6	20.9	18.2
2015	31,215	15,119	63	31	20.9	17.6	20.4	18.3	21.4	18.7	21.0	18.7	21.0	18.5
2016	31,058	16,090	61	32	21.1	17.8	20.3	18.0	21.8	18.9	21.0	18.5	21.2	18.4
2017	30,923	16,430	60	32	20.9	17.9	20.3	18.2	21.7	19.1	21.0	18.9	21.1	18.7

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2013			2	014		20	015		20	016		2017		
Race/Ethnicity	N	%	Avg												
All Students	49,551	100	19.6	48,845	100	19.9	49,538	100	20.0	50,809	100	20.0	51,203	100	20.0
Black/African American	4,327	9	16.4	3,896	8	16.8	4,084	8	16.8	4,063	8	16.9	4,061	8	17.0
American Indian/Alaska Native	174	0	17.1	187	0	17.0	212	0	17.4	197	0	17.8	169	0	16.9
White	37,834	76	20.2	36,156	74	20.5	36,407	73	20.6	36,616	72	20.7	36,320	71	20.7
Hispanic/Latino	1,883	4	18.4	1,788	4	18.7	2,026	4	18.7	2,171	4	18.6	2,380	5	18.9
Asian	620	1	21.8	620	1	23.0	678	1	22.2	715	1	22.8	719	1	22.2
Native Hawaiian/Other Pacific Islander	64	0	18.3	70	0	18.2	72	0	18.9	75	0	16.9	55	0	18.5
Two or more races	1,502	3	19.6	1,557	3	20.0	1,773	4	20.0	1,862	4	20.0	1,987	4	19.9
Prefer not to respond/No response	3,147	6	18.6	4,571	9	18.3	4,286	9	18.4	5,110	10	18.1	5,512	11	18.3

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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Table 1.6. Five Year Trends—Achievement in STEM¹

			All Tested Students	S		Students Meeting STEM Benchmarks							
	Number of												
	Students Test	d Avg. 9	STEM Score	Percent Meeting	STEM Benchmark	Avg. Mathe	matics Score	Avg. Science Score					
Year	State Nation	al State	National	State	National	State	National	State	National				
2013	49,551 1,799,	19.7	21.1	12	19	28.1	28.7	28.2	28.0				
2014	48,845 1,845,	787 19.9	21.1	13	20	28.0	28.7	28.4	28.3				
2015	49,538 1,924,	36 20.1	21.1	14	20	28.0	28.7	28.5	28.4				
2016	50,809 2,090,	19.9	20.9	14	20	28.0	28.7	28.7	28.6				
2017	51,203 2,030,	20.0	21.1	13	21	28.1	28.7	28.5	28.7				

¹The STEM score describes students' overall proficiency in mathematics and science.

Table 1.7. Proficiency In Understanding Complex Texts¹

					-			Text Com	plexity	Proficienc	y Level							
		i	Below P	roficient					Prof	icient					Above F	roficient		
		N	Pei	rcent	Avg. F	Reading		N Percent Avg. Reading						N Percent Avg. Reading				Reading
Year	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National
2013	0	0					0	0					0	0				
2014	0	0					0	0					0	0				
2015	0	0					0	0					0	0				
2016	9,768	485,762	19	23	17.5	17.0	6,355	322,548	13	15	23.7	23.6	5,235	235,380	10	11	30.2	30.3
2017	27,822	999,708	54	49	16.0	16.2	14,723	596,096	29	29	23.2	23.4	8,498	427,075	17	21	30.5	30.8

¹The text complexity indicator, beginning in Fall 2015, represents students' progress toward understanding complex written material often encountered in college and careers.

Table 1.8. Average ACT College Reportable Scores by Test Session Duration

	Student Group	Test Session				Aver	age ACT Sco	ores	
	Student Group	Duration	N	Percent	English	Mathematics	Reading	Science	Composite
		Standard Time	46,821	91	20.0	19.6	20.8	20.4	20.4
	State	Extended Time	4,382	9	15.0	16.6	17.2	17.0	16.6
_		Total	51,203	100	19.6	19.4	20.5	20.1	20.0
		Standard Time	1,927,386	95	20.5	20.8	21.5	21.1	21.1
	National	Extended Time	102,652	5	17.5	18.5	19.5	18.9	18.7
		Total	2,030,038	100	20.3	20.7	21.4	21.0	21.0

Table 1.9. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration

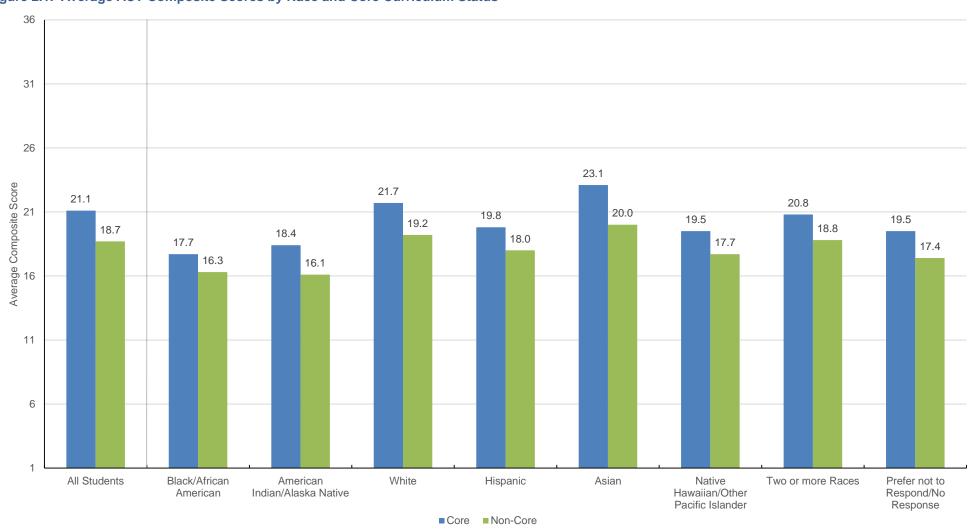
Student Group	Test Session		Per	cent of Stude	ents	Met
Student Group	Duration	English	Mathematics	Reading	Science	All Four
	Standard Time	61	32	43	32	21
State	Extended Time	26	11	24	13	7
	Total	58	30	41	31	20
	Standard Time	63	41	48	38	28
National	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

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Section II Academic Achievement

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 2.1. Average ACT Composite Scores by Race and Core Curriculum Status*



^{*}Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Kentucky

Total Students in Report: 51,203

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), and Score Averages

ACT Scale	Eng	lish	Mathe	matics	Rea	ding	Scie	ence	Comp	osite	ST	ЕМ	ACT Scale
Score	N	СР	N	CP	N	СР	N	CP	N	СР	N	CP	Score
36	252	100	74	100	450	100	168	100	40	100	67	100	36
35	889	99	153	99	490	99	189	99	124	99	128	99	35
34	717	98	235	99	708	98	321	99	244	99	202	99	34
33	584	96	234	99	812	97	401	99	431	99	253	99	33
32	666	95	310	99	1,147	95	332	98	548	98	377	99	32
31	622	94	269	98	1,149	93	458	97	711	97	501	98	31
30	947	93	466	98	867	91	571	96	807	96	571	97	30
29	872	91	749	97	1,150	89	567	95	954	94	725	96	29
28	760	89	1,004	95	1,258	87	793	94	1,241	92	916	94	28
27	1,406	88	1,679	93	1,168	84	1,232	93	1,361	90	1,364	93	27
26	1,296	85	1,799	90	1,433	82	1,609	90	1,700	87	1,727	90	26
25	1,991	82	1,960	86	2,087	79	2,212	87	2,021	84	2,185	87	25
24	2,477	79	2,553	83	2,150	75	3,323	83	2,360	80	2,572	82	24
23	2,911	74	2,077	78	2,400	71	3,451	76	2,757	76	2,654	77	23
22	2,754	68	1,800	74	3,799	66	3,334	69	3,038	70	2,787	72	22
21	3,148	63	2,206	70	3,203	59	4,153	63	3,274	64	3,201	67	21
20	3,004	56	1,973	66	2,928	53	3,247	55	3,489	58	3,649	60	20
19	2,220	51	3,095	62	2,555	47	4,495	49	3,618	51	4,294	53	19
18	2,219	46	4,132	56	3,806	42	3,516	40	3,705	44	4,641	45	18
17	2,336	42	5,193	48	2,488	34	3,244	33	3,724	37	4,970	36	17
16	3,104	37	8,085	38	2,434	30	4,550	27	3,616	29	5,154	26	16
15	3,457	31	6,636	22	2,735	25	2,474	18	3,642	22	3,829	16	15
14	2,968	25	2,714	9	3,320	20	2,133	13	3,513	15	2,500	9	14
13	1,496	19	1,273	4	2,017	13	1,907	9	2,671	8	1,383	4	13
12	2,006	16	429	1	1,903	9	689	5	1,252	3	428	1	12
11	2,650	12	72	1	1,578	5	1,189	4	318	1	91	1	11
10	2,067	7	21	1	556	2	371	1	38	1	25	1	10
9	785	3	7	1	339	1	158	1	4	1	6	1	9
8	432	1	2	1	166	1	67	1	2	1	3	1	8
7	123	1	0	1	66	1	14	1	0	1	0	1	7
6	29	1	1	1	8	1	25	1	0	1	0	1	6
5	13	1	0	1	27	1	7	1	0	1	0	1	5
4	2	1	1	1	3	1	0	1	0	1	0	1	4
3	0	1	0	1		1	2	1	0	1	0	1	3
2	0	1	0	1	1 1	1	0	1	0	1 1	0	1	2
1 A (OD)	0	1	1	1	1	1 (2.2)	1	•	0		0	7	1
Avg (SD)	19.6	(6.6)	19.4	(4.8)	20.5	(6.3)	20.1	(5.1)	20.0	(5.2)	20.0	(4.7)	Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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Total Students in Report: 51,203

Figure 2.2. English Reporting Categories¹

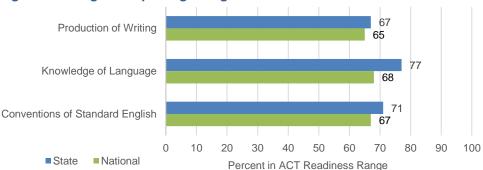


Figure 2.4. Reading Reporting Categories¹

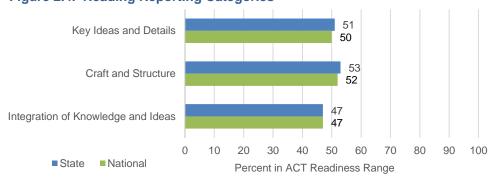


Figure 2.5. Science Reporting Categories¹

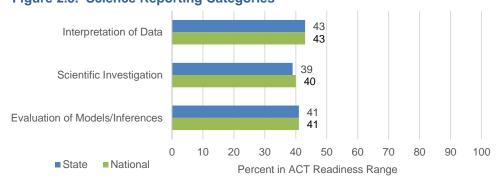
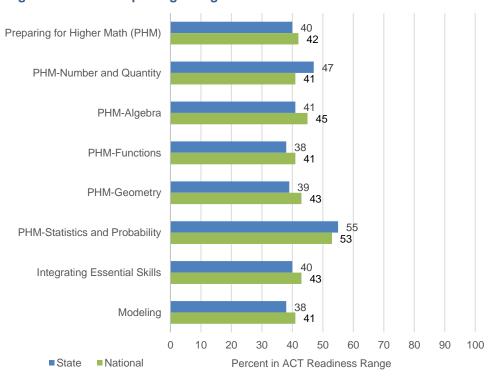


Figure 2.3. Math Reporting Categories¹



The charts on this page show the percent of students whose reporting category scores fall within associated ACT Readiness Ranges. ACT Readiness Ranges reflect where a student who has met a particular subject area's ACT College Readiness Benchmark would typically perform within the associated reporting category.

¹Reporting Categories are reported only for testing events beginning September 2016.

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Table 2.2. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student		Number of	Percent Taking	Average ACT Co	omposite Score
Group	Race/Ethnicity	Students Tested	Core or More ¹	Core or More	Less Than Core
	All Students	51,203	60	21.1	18.7
	Black/African American	4,061	57	17.7	16.3
	American Indian/Alaska Native	169	42	18.4	16.1
	White	36,320	63	21.7	19.2
State	Hispanic/Latino	2,380	58	19.8	18.0
	Asian	719	73	23.1	20.0
	Native Hawaiian/Other Pac. Isl.	55	60	19.5	17.7
	Two or More Races	1,987	62	20.8	18.8
	Prefer not/No Response	5,512	45	19.5	17.4
	All Students	2,030,038	68	22.1	18.9
	Black/African American	256,756	63	17.9	16.0
	American Indian/Alaska Native	16,135	54	18.7	16.4
	White	1,062,439	72	23.4	20.2
National	Hispanic/Latino	347,906	66	19.8	17.4
	Asian	96,097	78	25.0	22.5
	Native Hawaiian/Other Pac. Isl.	6,503	58	20.0	16.5
	Two or More Races	86,119	68	22.2	19.3
	Prefer not/No Response	158,083	46	22.6	18.3

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.3. Average ACT Scores by Race/Ethnicity

Student									
Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
	All Students	51,203	100	19.6	19.4	20.5	20.1	20.0	20.0
	Black/African American	4,061	8	15.9	17.0	17.2	17.4	17.0	17.5
	American Indian/Alaska Native	169	0	15.7	16.9	17.0	17.6	16.9	17.4
	White	36,320	71	20.4	19.9	21.2	20.6	20.7	20.5
State	Hispanic/Latino	2,380	5	18.0	18.5	19.4	19.1	18.9	19.0
	Asian	719	1	21.6	23.0	21.8	22.1	22.2	22.8
	Native Hawaiian/Other Pac. Isl.	55	0	17.7	18.1	18.8	19.0	18.5	18.8
	Two or More Races	1,987	4	19.5	19.1	20.6	20.0	19.9	19.8
	Prefer not/No Response	5,512	11	17.4	17.9	18.7	18.7	18.3	18.5
	All Students	2,030,038	100	20.3	20.7	21.4	21.0	21.0	21.1
	Black/African American	256,756	13	16.0	17.1	17.4	17.4	17.1	17.5
	American Indian/Alaska Native	16,135	1	16.1	17.6	18.0	18.0	17.5	18.0
	White	1,062,439	52	22.1	21.9	23.0	22.3	22.4	22.3
National	Hispanic/Latino	347,906	17	17.7	18.9	19.3	19.1	18.9	19.2
	Asian	96,097	5	23.7	25.2	23.9	24.0	24.3	24.9
	Native Hawaiian/Other Pac. Isl.	6,503	0	17.2	18.6	18.6	18.7	18.4	18.9
	Two or More Races	86,119	4	20.6	20.7	21.9	21.2	21.2	21.2
	Prefer not/No Response	158,083	8	19.5	20.1	20.8	20.3	20.3	20.5

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Table 2.4. Average ACT Composite Scores for Gender by Level of Preparation

Student Group	Gender	Number of	Percent Taking	Average ACT Composite Score				
Student Group	Gender	Students Tested	Core or More ¹	Core or More	Less Than Core			
	Males	24,022	59	21.1	18.4			
State	Females	23,957	64	21.3	19.1			
	No Response	3,224	48	18.7	17.3			
	Males	939,730	66	22.3	18.7			
National	Females	1,047,170	71	21.9	19.3			
	No Response	43,138	27	19.0	16.5			

^{1&}quot;Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Gender

	Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
		Males	24,022	47	19.0	19.6	20.2	20.2	19.9	20.2
	State	Females	23,957	47	20.6	19.4	21.2	20.2	20.5	20.0
		No Response	3,224	6	16.9	17.5	18.2	18.3	17.8	18.1
Ī		Males	939,730	46	19.9	21.2	21.2	21.3	21.0	21.5
	National	Females	1,047,170	52	20.8	20.4	21.8	20.8	21.1	20.8
		No Response	43,138	2	16.4	17.8	17.9	18.1	17.7	18.2

Table 2.6. ACT Score Quartile Values

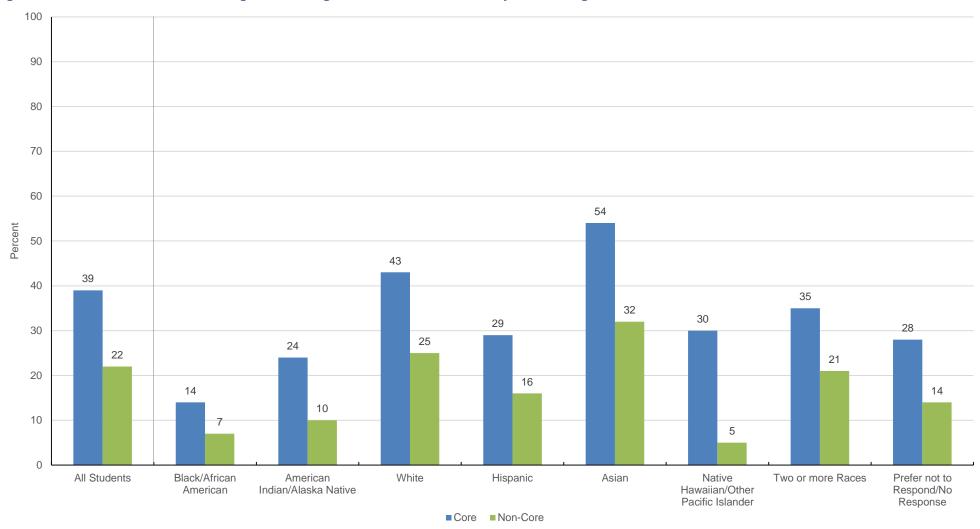
Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	23	24	23	23
Q2 (50th Percentile)	19	18	20	20	19
Q1 (25th Percentile)	15	16	16	16	16

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Section III College and Career Readiness and the Impact of Course Rigor

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 3.1. Percent of Students Meeting 3 or 4 College Readiness Benchmarks by Core College Curriculum Status*



^{*}Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Table 3.1. Percent of Students in College and Career Readiness Standards (CCRS) Score Ranges

Student	CCRS	Eng	ılish 💮 💮 💮	Mathe	matics	Rea	ding	Scie	ence
Group	Range	N	%	N	%	N	%	N	%
	33 to 36	2,442	5	696	1	2,460	5	1,079	2
	28 to 32	3,867	8	2,798	5	5,571	11	2,721	5
	24 to 27	7,170	14	7,991	16	6,838	13	8,376	16
State	20 to 23	11,817	23	8,056	16	12,330	24	14,185	28
	16 to 19	9,879	19	20,505	40	11,283	22	15,805	31
	13 to 15	7,921	15	10,623	21	8,072	16	6,514	13
	01 to 12	8,107	16	534	1	4,649	9	2,523	5
	33 to 36	136,676	7	61,071	3	141,382	7	79,636	4
	28 to 32	180,218	9	192,088	9	276,868	14	159,638	8
	24 to 27	304,755	15	404,500	20	287,704	14	371,660	18
National	20 to 23	454,612	22	329,804	16	472,133	23	580,793	29
	16 to 19	372,731	18	686,547	34	426,969	21	513,876	25
	13 to 15	307,497	15	332,337	16	274,775	14	227,206	11
	01 to 12	273,549	13	23,691	1	150,207	7	97,229	5

Table 3.2. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender		Per	cent of Stude	ents	Met
Student Group	Gender	English	Mathematics	Reading	Science	All Four
	Males	54	32	39	32	21
State	Females	64	30	45	30	20
	No Response	40	15	25	18	9
	Males	59	44	46	40	29
National	Females	65	39	49	35	26
	No Response	37	19	24	18	10

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Table 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity

	3		English	Mathematics	Reading	Science	All Four	STEM
Student			Benchmark=18	Benchmark=22	Benchmark=22	Benchmark=23		Benchmark=26
Group	Race/Ethnicity	N	%	%	%	%	%	%
	All Students	51,203	58	30	41	31	20	13
	Black/African American	4,061	33	11	19	11	5	3
	American Indian/Alaska Native	169	31	13	20	16	5	4
	White	36,320	64	34	46	35	23	16
State	Hispanic/Latino	2,380	48	23	34	22	13	7
	Asian	719	66	55	50	45	35	30
	Native Hawaiian/Other Pac. Isl	55	47	13	31	24	7	7
	Two or More Races	1,987	58	27	41	29	17	10
	Prefer Not to Respond	5,512	43	19	30	21	12	8
	All Students	2,030,038	61	41	47	37	27	21
	Black/African American	256,756	33	13	20	11	6	4
	American Indian/Alaska Native	16,135	34	16	25	15	8	5
	White	1,062,439	74	51	58	47	35	26
National	Hispanic/Latino	347,906	46	26	33	22	14	10
	Asian	96,097	76	70	62	58	48	46
	Native Hawaiian/Other Pac. Isl	6,503	43	26	29	21	15	11
	Two or More Races	86,119	64	40	50	38	27	20
	Prefer Not to Respond	158,083	54	36	42	34	25	20

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score¹

Student				Average
Group	ACT NCRC Level ²	N	%	Composite
	Gold or Higher	10,182	20	28.1
State	Silver	25,965	51	20.2
State	Bronze	13,442	26	14.6
	Needs Improvement	1,614	3	11.7
	Gold or Higher	538,392	27	28.5
National	Silver	984,772	49	20.3
National	Bronze	440,158	22	14.7
	Needs Improvement	66,716	3	11.5

¹The ACT Composite scores associated with a 50% chance of earning each ACT NCRC level or higher are: 13 for Bronze, 17 for Silver, 25 for Gold, and 35 for Platinum. Based on those cut scores, students who earned an ACT Composite score of less than 13 would be classified as 'Needs Improvement', 13 to 16 as 'Bronze', 17 to 24 as 'Silver', and 25 or above as 'Gold or Higher' in the table above. For comparison, individual student score reports classify those who scored 12-13, 14-17, and 18 and higher as making progress toward Bronze, Silver, and Gold certificates.

² Additional information on the ACT NCRC can be found at www.act.org.

Table 3.5. College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum

														Avg 20.9 18.8				
Studen	Curriculum	N	Eng	glish	Mathe	matics	Rea	ding	Scie	ence	Comp	osite ⁴	ST	EM				
Group	Taken ¹	, ,	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg				
	Core or More ²	30,923	67	20.9	37	20.3	49	21.7	37	21.0	25	21.1	17	20.9				
State	Less than Core	16,430	47	17.9	21	18.2	31	19.1	22	18.9	13	18.7	8	18.8				
	Missing ³	3,850	35	16.0	13	17.1	23	17.6	16	17.8	7	17.2	5	17.7				
	Core or More	1,376,479	70	21.6	48	21.7	54	22.6	44	21.9	33	22.1	25	22.1				
Nationa	Less than Core	464,989	46	17.9	26	18.8	33	19.3	24	19.1	16	18.9	11	19.2				
	Missing	188,570	37	16.5	20	17.9	27	18.2	20	18.3	12	17.9	9	18.3				

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

Table 3.6. College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum

Student	Curriculum		English			lathematic	S	Reading			Science		
Group	Taken ¹	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
	Core or More ²	43,933	62	20.2	46,034	32	19.7	36,038	46	21.3	41,326	34	20.6
State	Less than Core	3,791	34	16.0	1,624	5	15.9	11,511	32	19.1	6,219	14	18.0
	Missing ³	3,479	36	16.2	3,545	14	17.2	3,654	24	17.7	3,658	16	17.8
	Core or More	1,749,083	65	20.9	1,754,759	44	21.2	1,634,115	51	22.0	1,601,572	42	21.7
National	Less than Core	109,158	34	15.9	96,952	8	16.3	218,140	34	19.5	248,948	17	18.2
	Missing	171,797	39	16.7	178,327	21	18.0	177,783	28	18.3	179,518	20	18.4

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite College Readiness Benchmark % results reflect students who met all four subject-area benchmarks.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Table 3.7. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Common Course Patterns

THE HELL COURSE DATTERN								
ENGLISH COURSE PATTERN	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,524	15	22.2	74	372,397	18	22.0	72
Eng 9, Eng 10, Eng 11, Eng 12	36,409	71	19.8	59	1,376,686	68	20.6	64
Less than 4 years of English	3,791	7	16.0	34	109,158	5	15.9	34
Zero years / no English courses reported	3,479	7	16.2	36	171,797	8	16.7	39
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,724	3	21.2	46	117,096	6	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,385	5	21.2	48	152,416	8	21.5	51
Alg 1, Alg 2, Geom, & Trig	2,328	5	17.9	17	113,080	6	18.9	26
Alg 1, Alg 2, Geom, & Other Adv Math	13,959	27	19.0	26	364,399	18	19.3	29
Other comb of 4 or more years of Math	13,796	27	22.4	54	684,625	34	23.8	64
Alg 1, Alg 2, & Geom	8,758	17	16.6	7	217,043	11	16.9	10
Other comb of 3 or 3.5 years of Math	3,084	6	18.6	23	106,100	5	19.6	32
Less than 3 years of Math	1,624	3	15.9	5	96,952	5	16.3	8
Zero years / no Math courses reported	3,545	7	17.2	14	178,327	9	18.0	21
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	1,339	3	21.1	45	52,959	3	22.1	51
Other comb of 4 or more years Social Science	14,857	29	21.9	50	934,153	46	22.6	55
US Hist, World Hist, & Am Gov	7,496	15	19.3	33	120,831	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	12,346	24	21.7	49	526,172	26	21.6	48
Less than 3 years of Social Science	11,511	22	19.1	32	218,140	11	19.5	34
Zero years / no Social Science courses reported	3,654	7	17.7	24	177,783	9	18.3	28
NATURAL COURNES COURSE DATTERY	N	Percent Taking	Avg ACT Science	Percent Who Met Benchmark	NI	Percent Taking Pattern	Avg ACT Science	Percent Who Met
NATURAL SCIENCE COURSE PATTERN	N	Pattern			N			Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	16,027	31	21.2	39	809,286	40	22.4	48
Bio, Chem, Phys	3,925	8	22.4	49	225,060	11	23.2	53
Gen Sci ¹ , Bio, Chem	20,137	39	19.9	28	513,247	25	20.2	30
Other comb of 3 years of Natural Science	1,237	2	19.3	24	53,979	3	19.1	24
Less than 3 years of Natural Science Zero years / no Natural Science courses reported	6,219 3,658	12 7	18.0 17.8	14 16	248,948 179,518	12 9	18.2 18.4	17 20

¹Includes General, Physical and Earth Sciences.

Table 3.8. College Readiness Benchmark (CRB) Percent and Average ACT Scores for Gender by Common Course Patterns												
Course Pattern		All	Students				Males			F	emales	
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
ENGLISH COURSE PATTERN	N	Percent	English	Benchmark	N	Percent	English	Benchmark	N	Percent	English	Benchmark
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,524	15	22.2	74	3,136	13	21.7	71	4,183	17	22.7	77
Eng 9, Eng 10, Eng 11, Eng 12	36,409	71	19.8	59	17,177	72	19.2	56	17,119	71	20.6	65
Less than 4 years of English	3,791	7	16.0	34	2,043	9	15.6	31	1,423	6	16.9	39
Zero years / no English courses reported	3,479	7	16.2	36	1,666	7	15.9	33	1,232	5	17.1	43
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
MATHEMATICS COURSE PATTERN	N	Percent	Math	Benchmark	N	Percent	Math	Benchmark	N	Percent	Math	Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,724	3	21.2	46	817	3	21.7	50	834	3	20.8	43
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,385	5	21.2	48	920	4	21.4	50	1,377	6	21.3	49
Alg 1, Alg 2, Geom, & Trig	2,328	5	17.9	17	1,101	5	18.1	20	1,048	4	17.8	15
Alg 1, Alg 2, Geom, & Other Adv Math	13,959	27	19.0	26	5,780	24	19.0	27	7,232	30	19.1	27
Other comb of 4 or more years of Math	13,796	27	22.4	54	6,814	28	23.0	58	6,540	27	21.9	51
Alg 1, Alg 2, & Geom	8,758	17	16.6	7	4,514	19	16.7	8	3,653	15	16.5	6
Other comb of 3 or 3.5 years of Math	3,084	6	18.6	23	1,493	6	18.8	25	1,412	6	18.5	22
Less than 3 years of Math	1,624	3	15.9	5	877	4	16.0	6	613	3	15.9	4
Zero years / no Math courses reported	3,545	7	17.2	14	1,706	7	17.2	14	1,248	5	17.4	15
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
SOCIAL SCIENCE COURSE PATTERN	N	Percent	Reading	Benchmark	N	Percent	Reading	Benchmark	N	Percent	Reading	Benchmark
US Hist, World Hist, Am Gov, & Other Hist	1,339	3	21.1	45	692	3	20.9	43	583	2	21.8	49
Other comb of 4 or more years Social Science	14,857	29	21.9	50	6,937	29	21.5	49	7,471	31	22.4	53
US Hist, World Hist, & Am Gov	7,496	15	19.3	33	3,631	15	19.2	32	3,138	13	19.8	36
Other comb of 3 or 3.5 years of Social Science	12,346	24	21.7	49	5,383	22	21.5	48	6,340	26	22.1	51
Less than 3 years of Social Science	11,511	22	19.1	32	5,619	23	18.8	30	5,124	21	19.7	35
Zero years / no Social Science courses reported	3,654	7	17.7	24	1,760	7	17.3	22	1,301	5	18.5	29
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
NATURAL SCIENCE COURSE PATTERN	N	Percent	Science	Benchmark	N	Percent	Science	Benchmark	N	Percent	Science	Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	16,027	31	21.2	39	7,961	33	21.7	43	7,482	31	20.8	36
Bio, Chem, Phys	3,925	8	22.4	49	1,797	7	22.9	53	1,933	8	21.9	45
Gen Sci ² , Bio, Chem	20,137	39	19.9	28	8,721	36	19.8	28	10,082	42	20.2	29
Other comb of 3 years of Natural Science	1,237	2	19.3	24	657	3	19.7	26	478	2	18.8	22
Less than 3 years of Natural Science	6,219	12	18.0	14	3,126	13	17.8	14	2,681	11	18.3	16
Zero years / no Natural Science courses reported	3,658	7	17.8	16	1,760	7	17.8	18	1,301	5	18.1	17

¹Includes General, Physical and Earth Sciences.

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Total Students in Report: 51,203

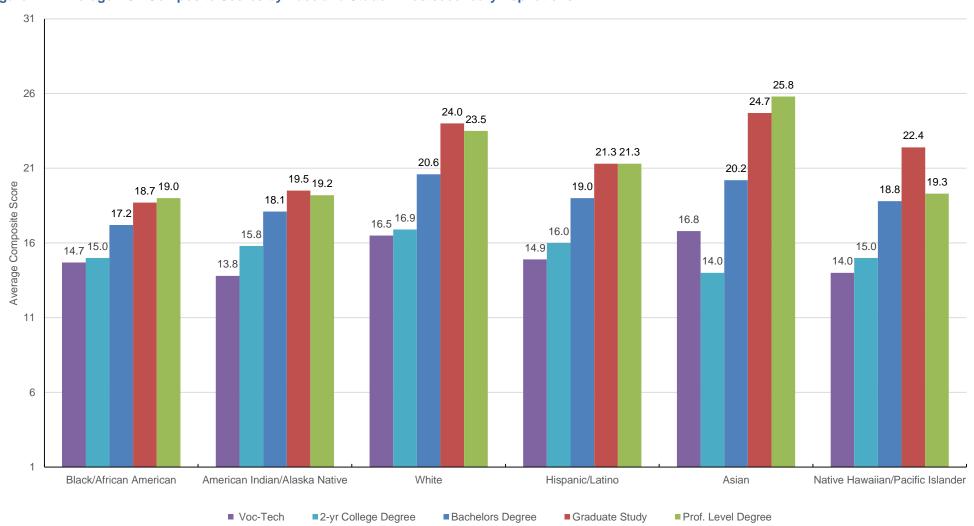
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Section IV Career and Educational Aspirations

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 4.1. Average ACT Composite Scores by Race and Student Postsecondary Aspirations*



^{*}Missing columns reflect combinations of race/ethnicity and postsecondary aspiration in which one or both indicators are missing.

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

		All Students		Plan on 2	Years or Less	of College	Plan on 4 Years or More of College			
	,		Avg ACT			Avg ACT			Avg ACT	
Planned Educational Major	N ¹	Percent ²	Comp	N	Percent	Comp	N	Percent	Comp	
Agriculture & Natural Resources Conservation	1,337	3	18.7	317	5	16.3	940	3	19.6	
Architecture	388	1	20.0	46	1	16.6	324	1	20.6	
Area, Ethnic, & Multidisciplinary Studies	60	0	21.0	10	0	15.8	48	0	22.4	
Arts: Visual & Performing	3,178	6	20.3	446	7	16.9	2,519	7	21.1	
Business	3,424	7	20.6	429	7	17.0	2,868	8	21.3	
Communications	655	1	21.1	38	1	16.8	597	2	21.5	
Community, Family, & Personal Services	2,220	4	18.0	589	9	16.7	1,476	4	18.6	
Computer Science & Mathematics	1,394	3	22.4	167	3	18.3	1,184	3	23.0	
Education	2,578	5	20.5	135	2	15.9	2,374	6	20.8	
Engineering	3,113	6	22.7	387	6	16.6	2,578	7	23.8	
Engineering Technology & Drafting	925	2	19.3	287	4	16.7	576	2	20.9	
English & Foreign Languages	490	1	23.3	28	0	16.4	442	1	24.0	
Health Administration & Assisting	1,305	3	18.2	163	3	16.1	1,084	3	18.7	
Health Sciences & Technologies	10,013	20	20.7	644	10	17.0	9,127	25	21.1	
Philosophy, Religion, & Theology	202	0	20.6	17	0	16.2	176	0	21.1	
Repair, Production, & Construction	1,760	3	16.8	1,118	17	16.5	454	1	17.8	
Sciences: Biological & Physical	2,002	4	23.4	50	1	17.1	1,889	5	23.7	
Social Sciences & Law	3,412	7	21.5	151	2	16.2	3,117	8	21.8	
Undecided	5,804	11	20.5	695	11	16.5	4,292	12	21.6	
No Response	6,599	13	16.6	557	9	15.0	571	2	16.7	

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

All Racial/Ethnic Groups Educational Degree Combined		Black/African American		American India	n/ Alaska Native	Wi	nite	Hispanic/Latino		
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2,371	16.2	147	14.7	15	13.8	1,737	16.5	86	14.9
2-yr College Degree	4,070	16.6	284	15.0	13	15.8	2,861	16.9	201	16.0
Bachelors Degree	21,631	20.0	1,793	17.2	65	18.1	15,994	20.6	1,040	19.0
Graduate Study	5,447	23.3	333	18.7	15	19.5	4,156	24.0	237	21.3
Prof. Level Degree	9,698	22.9	745	19.0	19	19.2	7,127	23.5	460	21.3
Other	1,565	16.8	83	15.6	9	14.9	1,113	16.9	68	16.5
No Response	6,421	17.1	676	15.1	33	14.6	3,332	17.6	288	16.4

Educational Degree		hnic Groups bined	As	ian		lawaiian/ Islander	Two or n	nore races		to respond/ sponse
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2,371	16.2	15	16.8	1	14.0	54	16.4	316	16.0
2-yr College Degree	4,070	16.6	28	14.0	6	15.0	147	17.0	530	16.2
Bachelors Degree	21,631	20.0	258	20.2	25	18.8	900	19.7	1,556	18.9
Graduate Study	5,447	23.3	114	24.7	7	22.4	203	22.4	382	22.0
Prof. Level Degree	9,698	22.9	232	25.8	10	19.3	445	22.2	660	21.6
Other	1,565	16.8	17	17.5	1	14.0	51	17.0	223	16.7
No Response	6,421	17.1	55	18.6	5	16.0	187	17.5	1,845	17.0

Graduating Class 2017

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Table 4.3. Students' Score Report Preferences at Time of Testing

UNIVERSITY OF KENTUCKY WESTERN KENTUCKY UNIVERSITY Kentucky WESTERN KENTUCKY UNIVERSITY UNIVERSITY OF LOUISVILLE Kentucky Kentuck	Table 4.3. Students' Score Report Preferences at Time	e of Testing					_	_				
Name State Total 1st Choice C												
Name State Total 1st Choice O1-12 13-15 16-19 20-23 24-27 28-32 33 20 12 33-15 34 34 34 35 35 34 35 35		ı	Num	ber of Stude		C	ollege	Readin	ess Sta	ndards	Range	es
UNIVERSITY OF KENTUCKY WESTERN KENTUCKY UNIVERSITY Kentucky WESTERN KENTUCKY UNIVERSITY Kentucky UNIVERSITY KENTUCKY WESTERN KENTUCKY WESTERN KENTUCKY UNIVERSITY KENTUCKY WESTERN KENTUCKY UNIVERSITY KENTUCKY WESTERN KENTUCKY UNIVERSITY KENTUCKY WESTERN KENTUCKY WESTERN KENTUCKY WESTERN KENTUCKY UNIVERSITY KENTUCKY WESTERN												
WESTERN KENTUCKY UNIVERSITY Kentucky 12,376 3,534 8,842 2 13 29 29 17 9 UNIVERSITY OF LOUISVILLE Kentucky 11,801 3,701 8,100 2 13 25 28 19 12 EASTERN KENTUCKY UNIVERSITY Kentucky 10,515 3,555 6,960 2 15 32 29 15 6 MOREHEAD STATE UNIVERSITY Kentucky 4,702 1,465 3,237 2 14 31 30 16 7 MURRAY STATE UNIVERSITY Kentucky 4,675 1,462 3,213 1 11 29 31 18 9 NORTHERN KENTUCKY UNIVERSITY Kentucky 4,675 1,462 3,213 1 11 29 31 18 9 NORTHERN KENTUCKY UNIVERSITY Kentucky 4,393 1,408 2,985 1 10 26 33 19 9 STATE-NO COLLEGE PLANS Iowa 2,830 2,												33-36
UNIVERSITY OF LOUISVILLE EASTERN KENTUCKY UNIVERSITY Kentucky I0,515 3,555 6,960 2 15 32 29 15 6 MOREHEAD STATE UNIVERSITY Kentucky MURRAY STATE UNIVERSITY Kentucky Kentucky Kentucky MOREHEAD STATE UNIVERSITY Kentucky MOREHEAD STATE UNIVERSITY Kentucky Kentucky Kentucky Kentucky Kentucky MOREHEAD STATE UNIVERSITY MOREHEAD ST		1	· '		•			l .				2
EASTERN KENTUCKY UNIVERSITY MOREHEAD STATE UNIVERSITY Kentucky 4,702 1,465 3,237 2 14 31 30 16 7 MURRAY STATE UNIVERSITY Kentucky 4,675 1,462 3,213 1 11 29 31 18 9 NORTHERN KENTUCKY UNIVERSITY Kentucky 4,393 1,408 2,985 1 10 26 33 19 9 STATE-NO COLLEGE PLANS Iowa 2,830 2,829 1 12 46 29 9 3 0 BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 T48 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 Kentucky 1,787 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 15 6 6,960 2 15 32 29 15 6 6 6,960 2 15 32 29 15 6 6 6 7 18 9 18 9 19 22 30 24 12 12 13 13 11 3 14 15 16 17 17 18 18 19 19 10 10 10 10 10 10 10 10			· '	'	,			l .			_	1
MOREHEAD STATE UNIVERSITY Kentucky 4,702 1,465 3,237 2 14 31 30 16 7 MURRAY STATE UNIVERSITY Kentucky 4,675 1,462 3,213 1 11 29 31 18 9 NORTHERN KENTUCKY UNIVERSITY Kentucky 4,393 1,408 2,985 1 10 26 33 19 9 STATE-NO COLLEGE PLANS lowa 2,830 2,829 1 12 46 29 9 3 0 BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,584 528 <		1	· '	'				l .				2
MURRAY STATE UNIVERSITY Kentucky 4,675 1,462 3,213 1 11 29 31 18 9 NORTHERN KENTUCKY UNIVERSITY Kentucky 4,393 1,408 2,985 1 10 26 33 19 9 STATE-NO COLLEGE PLANS lowa 2,830 2,829 1 12 46 29 9 3 0 BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056				,	,		_	_	_	_	_	0
NORTHERN KENTUCKY UNIVERSITY Kentucky 4,393 1,408 2,985 1 10 26 33 19 9 STATE-NO COLLEGE PLANS lowa 2,830 2,829 1 12 46 29 9 3 0 BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1		,		· '		2					7	0
STATE-NO COLLEGE PLANS lowa 2,830 2,829 1 12 46 29 9 3 0 BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 <td></td> <td>•</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>•</td> <td>1</td> <td>11</td> <td></td> <td></td> <td></td> <td>_</td> <td>1</td>		•	· · · · · · · · · · · · · · · · · · ·		•	1	11				_	1
BELLARMINE UNIVERSITY Kentucky 2,781 712 2,069 1 9 22 30 24 12 BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3		Kentucky	4,393	1,408	2,985	· ·	-	_	33	19	9	1
BLUEGRASS COMMUNITY & TECHNICAL COLLEGE Kentucky 1,945 748 1,197 4 24 35 23 11 3 UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	STATE-NO COLLEGE PLANS	Iowa	2,830	2,829	1	12	46	29	9	3	0	0
UNIVERSITY OF CINCINNATI Ohio 1,793 466 1,327 0 5 19 30 25 17 CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	BELLARMINE UNIVERSITY	Kentucky	2,781	712	2,069	1	9	22	30	24	12	1
CAMPBELLSVILLE UNIVERSITY Kentucky 1,787 474 1,313 2 16 32 30 13 6 BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	BLUEGRASS COMMUNITY & TECHNICAL COLLEGE	Kentucky	1,945	748	1,197	4	24	35	23	11	3	1
BEREA COLLEGE Kentucky 1,584 528 1,056 2 15 33 28 15 7 MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	JNIVERSITY OF CINCINNATI	Ohio	1,793	466	1,327	0	5	19	30	25	17	4
MAYSVILLE COMM & TECH COLL-MOREHEAD Kentucky 1,388 330 1,058 3 23 36 25 9 3 UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	CAMPBELLSVILLE UNIVERSITY	Kentucky	1,787	474	1,313	2	16	32	30	13	6	0
UNIVERSITY OF PIKEVILLE Kentucky 1,330 218 1,112 2 21 34 29 11 3	BEREA COLLEGE	Kentucky	1,584	528	1,056	2	15	33	28	15	7	0
	MAYSVILLE COMM & TECH COLL-MOREHEAD	Kentucky	1,388	330	1,058	3	23	36	25	9	3	0
SOMERSET COMMUNITY COLLEGE Kentucky 1,283 502 781 4 26 39 22 7 2	JNIVERSITY OF PIKEVILLE	Kentucky	1,330	218	1,112	2	21	34	29	11	3	0
	SOMERSET COMMUNITY COLLEGE	Kentucky	1,283	502	781	4	26	39	22	7	2	0
JEFFERSON COMM & TECH COLL-DOWNTOWN Kentucky 1,270 508 762 8 37 34 15 4 1	JEFFERSON COMM & TECH COLL-DOWNTOWN	Kentucky	1,270	508	762	8	37	34	15	4	1	0
GEORGETOWN COLLEGE Kentucky 1,253 245 1,008 2 13 29 29 18 7	GEORGETOWN COLLEGE	Kentucky	1,253	245	1,008	2	13	29	29	18	7	0
LINDSEY WILSON COLLEGE Kentucky 1,229 252 977 2 18 36 29 12 4	LINDSEY WILSON COLLEGE	Kentucky	1,229	252	977	2	18	36	29	12	4	0
WEST KENTUCKY COMM & TECHNICAL COLLEGE Kentucky 1,181 547 634 3 21 35 27 10 4	WEST KENTUCKY COMM & TECHNICAL COLLEGE	Kentucky	1,181	547	634	3	21	35	27	10	4	0
BOWLING GREEN TECHNICAL COLLEGE Kentucky 1,177 458 719 5 31 35 20 7 1	BOWLING GREEN TECHNICAL COLLEGE	Kentucky	1,177	458	719	5	31	35	20	7	1	0
KENTUCKY STATE UNIVERSITY Kentucky 1,138 249 889 5 28 39 20 6 2	KENTUCKY STATE UNIVERSITY	Kentucky	1,138	249	889	5	28	39	20	6	2	0
ELIZABETHTOWN COMM AND TECH COLLEGE Kentucky 1,126 574 552 3 23 35 26 10 3	ELIZABETHTOWN COMM AND TECH COLLEGE	Kentucky	1,126	574	552	3	23	35	26	10	3	0
TRANSYLVANIA UNIVERSITY Kentucky 1,106 180 926 1 6 17 26 27 20	FRANSYLVANIA UNIVERSITY	Kentucky	1,106	180	926	1	6	17	26	27	20	3
OWENSBORO COMM & TECH COLL-MAIN CAMPUS Kentucky 1,080 605 475 2 22 35 27 10 3	OWENSBORO COMM & TECH COLL-MAIN CAMPUS	Kentucky	1,080	605	475	2	22	35	27	10	3	0
NCAA ELIGIBILITY CENTER Indiana 902 331 571 2 15 26 31 18 7	NCAA ELIGIBILITY CENTER	Indiana	902	331	571	2	15	26	31	18	7	1
UNIVERSITY OF THE CUMBERLANDS Kentucky 871 169 702 1 12 31 32 17 7	JNIVERSITY OF THE CUMBERLANDS	Kentucky	871	169	702	1	12	31	32	17	7	1
ALICE LLOYD COLLEGE Kentucky 844 300 544 3 25 37 25 8 2	ALICE LLOYD COLLEGE	Kentucky	844	300	544	3	25	37	25	8	2	0
CENTRE COLLEGE Kentucky 843 178 665 0 3 6 20 27 35	CENTRE COLLEGE	Kentucky	843	178	665	0	3	6	20	27	35	9
GATEWAY COMMUNITY & TECHNICAL COLLEGE Kentucky 832 335 497 4 25 41 24 5 1	GATEWAY COMMUNITY & TECHNICAL COLLEGE	-	832	335	497	4	25	41	24	5	1	0
All Other Institutions 42,806 10,566 32,240 3 18 27 23 15 11	All Other Institutions		42,806	10,566	32,240	3	18	27	23	15	11	3
Total 140,504 43,823 96,681 2 16 28 27 16 9	Γotal		140,504	43,823	96,681	2	16	28	27	16	9	2

ACT PROFILE REPORT - State: SECTION IV, CAREER AND EDUCATIONAL ASPIRATIONS

Graduating Class 2017

Total Students in Report: 51,203

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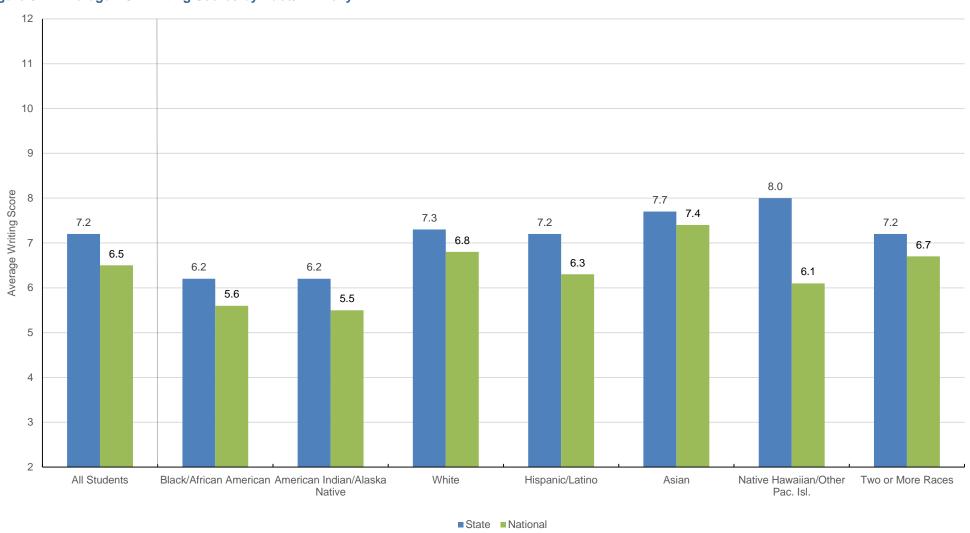
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Section V Optional Writing Test Results

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 5.1. Average ACT Writing Scores by Race/Ethnicity*



^{*}Missing columns reflect race/ethnicity groupings that are missing.

Results based on students with ACT Writing scores from test events beginning September 2015. Score scale is 2-12.

Table 5.1. Average ACT English Language Arts and Constituent Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing¹

	Average ACT Score						CT Scores	ores			
	N		Writing		English		Reading		_	glish age Arts	
	State	National	State	National	State	National	State	National	State	National	
All Students	2,279	1,090,621	7.2	6.5	26.1	20.9	26.2	22.0	24.2	20.2	
Black/African American	152	125,357	6.2	5.6	20.0	16.2	20.5	17.7	18.9	16.0	
American Indian/Alaska Native	6	7,357	6.2	5.5	22.0	15.9	24.2	17.9	20.7	16.0	
White	1,623	525,822	7.3	6.8	26.8	22.8	26.8	23.8	24.7	21.8	
Hispanic/Latino	119	218,012	7.2	6.3	23.9	18.1	24.6	19.7	22.9	18.1	
Asian	119	72,490	7.7	7.4	28.6	24.5	27.9	24.7	26.1	23.3	
Native Hawaiian/Other Pac. Isl.	4	4,270	8.0	6.1	24.5	17.5	23.8	18.8	23.8	17.5	
Two or More Races	121	48,148	7.2	6.7	25.6	21.2	26.1	22.5	23.9	20.6	
Prefer not/No Response	135	89,165	7.2	6.4	25.6	20.6	26.2	21.7	24.0	19.8	
Males	1,043	496,038	7.1	6.3	26.0	20.6	26.2	21.8	23.9	19.8	
Females	1,236	568,720	7.4	6.8	26.3	21.4	26.2	22.4	24.4	20.8	
No Response	0	25,863		5.5		16.4		18.0		16.3	

¹Results based on students with ACT writing scores with test events beginning September 2015. The writing score range is 2-12 (i.e., the rounded average of the four domain scores).

Table 5.2. Average ACT English and Writing Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing¹

			Average ACT Scores								
							Engl	ish /			
	N		Eng	lish	Wri	ting	Writing Combined				
	State	National	State	National	State	National	State	National			
All Students	13	3,655	24.8	23.5	6.2	6.8	22.2	22.0			
Black/African American	1	200	12.0	18.5	8.0	6.1	15.0	17.6			
American Indian/Alaska Native	0	14		19.9		5.9		18.6			
White	7	2,049	23.7	24.1	5.9	6.9	21.1	22.5			
Hispanic/Latino	0	588		18.4		5.8		17.2			
Asian	1	367	24.0	29.5	6.0	8.1	22.0	27.5			
Native Hawaiian/Other Pac. Isl.	0	2		21.5		6.0		20.0			
Two or More Races	1	123	28.0	24.6	6.0	6.9	24.0	22.8			
Prefer not/No Response	3	312	30.7	25.5	6.3	6.9	26.7	23.5			
Males	7	1,700	23.1	23.6	6.3	6.6	21.1	21.9			
Females	6	1,955	26.7	23.5	6.0	6.9	23.5	22.0			
No Response	0	0									

¹Results based on students with ACT writing scores with test events prior to September 2015. The writing score range is 2-12.