



# Profile Report - State

Graduating Class 2016

Kentucky



## New to your 2016 Profile Report

In Fall 2015, ACT introduced additional test scores and indicators to provide students and educators with more insight into critical aspects of college and career readiness. Tables for these new scores and indicators (Writing scores from enhanced design, ELA score, STEM score, Understanding Complex Texts Indicator, and Progress Toward Career Readiness Indicator) are included in this report to describe available data. To determine where the new scores are summarized in this report, please consult the Table of Contents.

- **Writing scores:** Writing scores describe core writing competencies valued by high school and college educators. These competencies are summarized by the writing scores. Writing scores from test events before September 2015 will be reported on the 2-12 scale. Writing scores from test events on or after September 2015 will be reported on the 1-36 scale.
- **ELA:** The English Language Arts (ELA) score is based upon student scores in ACT English, Reading, and Writing, and is intended to represent a measure of students' overall literacy skills. This score utilizes ACT's customary 1-36 scale.
- **STEM:** In response to the national focus on student performance in Science, Technology, Engineering, and Mathematics (STEM), a STEM score was developed to gauge students' overall performance in mathematics and science. This score, driven by ACT Mathematics and Science scores, ranges from 1 to 36. Test scores from previous years have been calculated.
- **Understanding Complex Texts Indicator:** The Understanding Complex Texts indicator represents students' progress toward understanding the complex written material encountered in college and careers. The indicator is reported in three proficiency levels: Below Proficient, Proficient, and Above Proficient.
- **Progress Toward Career Readiness Indicator:** Progress toward career readiness indicator is based upon the ACT Composite score, representing the level at which students perform relative to the National Career Readiness Certificate (NCRC). Symbolizing attainment of workplace employability skills critical to job success, this indicator is reported in four levels: Progress Needs Improvement, Progress Toward Bronze NCRC, Progress Toward Silver NCRC, and Progress Toward Gold NCRC.

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This report provides information about the performance of your 2016 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2016. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

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, 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 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. *Connecting College 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](http://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](http://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:** 50,809 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. 61% 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, 39% 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 Readiness Standards score ranges. For example, approximately 61% 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 Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**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](mailto:customerservices@act.org).

# Section I

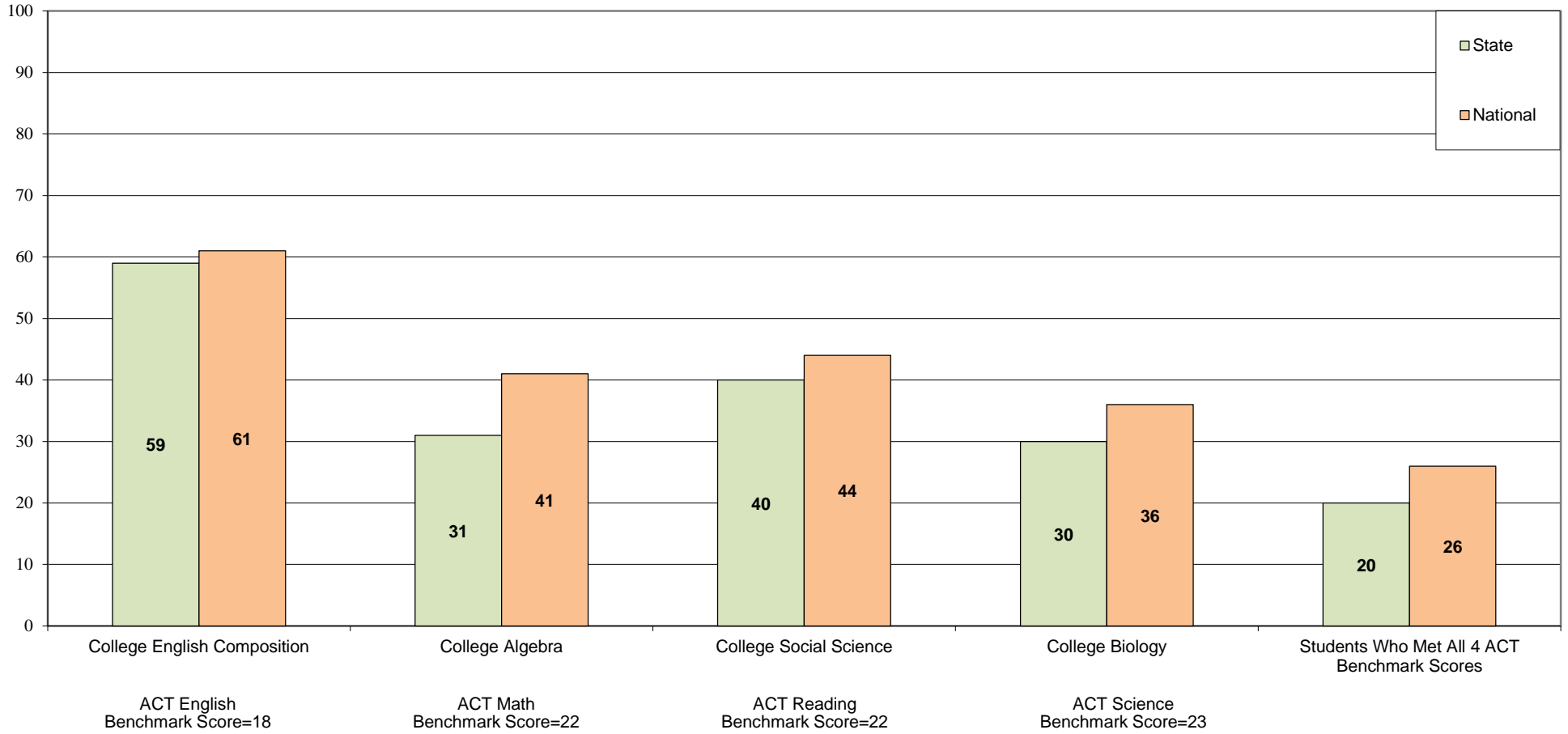
## Executive Summary

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 1.7 and 1.8 on page 9.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



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 course.



Total Students in Report: 50,809

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2012	46,289	1,666,017	59	67	31	46	44	52	22	31	17	25
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
<b>2016</b>	<b>50,809</b>	<b>2,090,342</b>	<b>59</b>	<b>61</b>	<b>31</b>	<b>41</b>	<b>40</b>	<b>44</b>	<b>30</b>	<b>36</b>	<b>20</b>	<b>26</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2012	46,289	1,666,017	19.5	20.5	19.4	21.1	20.2	21.3	19.8	20.9	19.8	21.1
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
<b>2016</b>	<b>50,809</b>	<b>2,090,342</b>	<b>19.7</b>	<b>20.1</b>	<b>19.3</b>	<b>20.6</b>	<b>20.6</b>	<b>21.3</b>	<b>19.9</b>	<b>20.8</b>	<b>20.0</b>	<b>20.8</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	1,845,787	20.3	20.9	21.3	20.8	21.0
2015	1,924,436	20.4	20.8	21.4	20.9	21.0
<b>2016</b>	<b>2,090,342</b>	<b>20.1</b>	<b>20.6</b>	<b>21.3</b>	<b>20.8</b>	<b>20.8</b>

Total Students in Report: 50,809

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2012	31,591	13,305	68	29	20.7	17.1	20.2	17.8	21.2	18.2	20.7	18.1	20.8	17.9
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
<b>2016</b>	<b>31,058</b>	<b>16,090</b>	<b>61</b>	<b>32</b>	<b>21.1</b>	<b>17.8</b>	<b>20.3</b>	<b>18.0</b>	<b>21.8</b>	<b>18.9</b>	<b>21.0</b>	<b>18.5</b>	<b>21.2</b>	<b>18.4</b>

<sup>1</sup>"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.

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

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

	2012			2013			2014			2015			2016		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>46,289</b>	<b>100</b>	<b>19.8</b>	<b>49,551</b>	<b>100</b>	<b>19.6</b>	<b>48,845</b>	<b>100</b>	<b>19.9</b>	<b>49,538</b>	<b>100</b>	<b>20.0</b>	<b>50,809</b>	<b>100</b>	<b>20.0</b>
Black/African American	3,969	9	16.7	4,327	9	16.4	3,896	8	16.8	4,084	8	16.8	4,063	8	16.9
American Indian/Alaska Native	176	0	17.5	174	0	17.1	187	0	17.0	212	0	17.4	197	0	17.8
White	36,541	79	20.3	37,834	76	20.2	36,156	74	20.5	36,407	73	20.6	36,616	72	20.7
Hispanic/Latino	1,612	3	18.4	1,883	4	18.4	1,788	4	18.7	2,026	4	18.7	2,171	4	18.6
Asian	579	1	22.0	620	1	21.8	620	1	23.0	678	1	22.2	715	1	22.8
Native Hawaiian/Other Pacific Islander	75	0	18.6	64	0	18.3	70	0	18.2	72	0	18.9	75	0	16.9
Two or more races	1,234	3	20.0	1,502	3	19.6	1,557	3	20.0	1,773	4	20.0	1,862	4	20.0
Prefer not to respond/No response	2,103	5	18.8	3,147	6	18.6	4,571	9	18.3	4,286	9	18.4	5,110	10	18.1

**Table 1.6. Five Year Trends—Achievement in STEM<sup>1</sup>**

Year	All Tested Students						Students Meeting STEM Benchmarks			
	Number of Students Tested		Avg. STEM Score		Percent Meeting STEM Benchmark		Avg. Mathematics Score		Avg. Science Score	
	State	National	State	National	State	National	State	National	State	National
2012	46,289	1,666,017	19.9	21.3	13	20	28.1	28.7	28.1	27.9
2013	49,551	1,799,243	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	1,924,436	20.1	21.1	14	20	28.0	28.7	28.5	28.4
<b>2016</b>	<b>50,809</b>	<b>2,090,342</b>	<b>19.9</b>	<b>20.9</b>	<b>14</b>	<b>20</b>	<b>28.0</b>	<b>28.7</b>	<b>28.7</b>	<b>28.6</b>

<sup>1</sup>The STEM score describes students' overall proficiency in mathematics and science.

**Table 1.7. Proficiency In Understanding Complex Texts<sup>1</sup>**

Year	Text Complexity Proficiency Level																	
	Below Proficient						Proficient						Above Proficient					
	N		Percent		Avg. Reading		N		Percent		Avg. Reading		N		Percent		Avg. Reading	
State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	
2012	0	0	0	0	.	.	0	0	0	0	.	.	0	0	0	0	.	.
2013	0	0	0	0	.	.	0	0	0	0	.	.	0	0	0	0	.	.
2014	0	0	0	0	.	.	0	0	0	0	.	.	0	0	0	0	.	.
2015	0	0	0	0	.	.	0	0	0	0	.	.	0	0	0	0	.	.
<b>2016</b>	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

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

Total Students in Report: 50,809

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

Student Group	Test Session Duration	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Standard Time	46,828	92	20.2	19.6	20.9	20.2	20.4
	Extended Time	3,981	8	14.2	16.2	16.6	16.1	15.9
	Total	50,809	100	19.7	19.3	20.6	19.9	20.0
National	Standard Time	1,985,389	95	20.3	20.7	21.4	20.9	21.0
	Extended Time	104,953	5	16.6	18.0	18.9	18.2	18.0
	Total	2,090,342	100	20.1	20.6	21.3	20.8	20.8

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

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	62	33	42	32	21
	Extended Time	26	10	18	12	7
	Total	59	31	40	30	20
National	Standard Time	63	42	45	37	27
	Extended Time	39	22	31	23	16
	Total	61	41	44	36	26

# 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.

Total Students in Report: 50,809

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Score	English		Mathematics		Reading		Science		Composite		STEM		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
36	199	100	81	100	266	100	176	100	31	100	76	100	36
35	806	99	203	99	554	99	240	99	158	99	159	99	35
34	800	98	193	99	741	98	370	99	281	99	206	99	34
33	654	96	253	99	844	97	350	98	409	99	262	99	33
32	578	95	198	99	1,170	95	417	98	523	98	366	99	32
31	744	94	394	98	949	93	526	97	697	97	465	98	31
30	1,091	93	376	97	1,258	91	421	96	892	96	600	97	30
29	794	90	726	97	1,065	89	619	95	1,018	94	750	96	29
28	1,140	89	1,167	95	1,281	87	879	94	1,281	92	1,051	94	28
27	1,154	87	1,453	93	1,446	84	1,264	92	1,351	90	1,293	92	27
26	1,577	84	1,887	90	1,549	81	1,364	90	1,730	87	1,734	90	26
25	2,014	81	1,612	86	1,583	78	2,798	87	2,011	84	2,150	86	25
24	2,569	77	2,744	83	1,858	75	3,459	81	2,262	80	2,491	82	24
23	2,271	72	2,103	78	3,466	71	2,480	75	2,683	75	2,561	77	23
22	2,758	68	2,289	74	2,157	65	4,083	70	3,031	70	2,868	72	22
21	3,375	62	1,626	69	4,082	60	2,905	62	3,160	64	3,038	66	21
20	3,046	56	2,299	66	2,351	52	4,606	56	3,479	58	3,540	60	20
19	2,326	50	2,240	61	2,938	48	3,319	47	3,543	51	4,195	54	19
18	2,188	45	4,166	57	3,654	42	4,016	40	3,628	44	4,551	45	18
17	2,039	41	5,023	49	2,593	35	2,480	33	3,591	37	4,544	36	17
16	2,624	37	7,985	39	2,397	30	2,853	28	3,517	30	3,931	27	16
15	3,428	32	6,801	23	2,777	25	2,162	22	3,176	23	3,679	20	15
14	3,042	25	3,156	10	3,287	19	2,959	18	3,115	16	3,124	12	14
13	2,008	19	1,281	4	2,066	13	1,714	12	2,680	10	1,894	6	13
12	1,788	15	437	1	2,546	9	1,785	9	1,782	5	928	3	12
11	1,790	11	80	1	869	4	992	5	640	2	284	1	11
10	1,966	8	24	1	542	2	707	3	124	1	53	1	10
9	941	4	8	1	292	1	518	2	8	1	10	1	9
8	761	2	0	1	137	1	255	1	3	1	3	1	8
7	255	1	3	1	61	1	63	1	4	1	2	1	7
6	63	1	0	1	3	1	1	1	1	1	1	1	6
5	13	1	0	1	12	1	22	1	0	1	0	1	5
4	4	1	0	1	13	1	4	1	0	1	0	1	4
3	2	1	0	1	0	1	0	1	0	1	0	1	3
2	1	1	0	1	1	1	1	1	0	1	0	1	2
1	0	1	1	1	1	1	1	1	0	1	0	1	1
Avg (SD)	19.7 (6.7)		19.3 (4.9)		20.6 (6.3)		19.9 (5.4)		20.0 (5.3)		19.9 (4.9)		Avg (SD)

<sup>1</sup>CP 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.

Total Students in Report: 50,809

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subscore Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,719	100	602	100	1,108	100	1,416	100	854	100	299	100	213	100	18
17	2,077	97	1,276	99	1,891	98	2,222	97	1,219	98	202	99	77	99	17
16	1,620	93	2,119	96	2,834	94	2,650	93	1,337	96	788	99	1,018	99	16
15	1,997	89	3,220	92	1,904	89	2,858	88	2,078	93	1,623	97	1,737	97	15
14	1,411	85	3,241	86	4,524	85	2,931	82	2,303	89	3,013	94	2,300	94	14
13	3,015	83	3,322	79	3,261	76	3,080	76	3,972	85	3,458	88	3,280	89	13
12	3,351	77	4,931	73	4,082	69	3,662	70	3,447	77	5,634	82	3,078	83	12
11	3,827	70	4,818	63	4,135	61	4,245	63	3,997	70	5,454	70	5,404	77	11
10	5,428	63	4,434	54	5,145	53	4,109	55	3,273	62	6,368	60	6,405	66	10
9	4,471	52	5,673	45	5,879	43	3,978	47	4,413	56	7,083	47	8,211	54	9
8	4,438	43	4,768	34	5,564	32	4,045	39	6,238	47	8,490	33	8,575	38	8
7	4,442	34	3,737	24	4,630	21	4,811	31	8,414	35	2,383	17	2,616	21	7
6	4,153	26	3,314	17	3,073	12	3,763	21	5,012	18	3,254	12	3,316	16	6
5	3,935	17	2,821	11	1,708	5	4,122	14	2,245	8	657	5	2,913	9	5
4	2,493	10	1,708	5	681	2	1,755	6	1,162	4	1,307	4	103	3	4
3	1,728	5	730	2	287	1	775	2	727	2	503	2	1,190	3	3
2	657	1	83	1	60	1	370	1	98	1	167	1	35	1	2
1	47	1	12	1	43	1	17	1	20	1	126	1	338	1	1
Avg (SD)	9.6 (4.0)		10.2 (3.6)		10.6 (3.5)		10.2 (4.0)		9.6 (3.5)		9.9 (2.9)		9.5 (3.0)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

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

Total Students in Report: 50,809

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	50,809	61	21.2	18.4
	Black/African American	4,063	57	17.7	16.0
	American Indian/Alaska Native	197	55	18.7	16.4
	White	36,616	64	21.7	19.0
	Hispanic/Latino	2,171	59	19.6	17.4
	Asian	715	71	24.2	20.2
	Native Hawaiian/Other Pac. Isl.	75	51	18.1	15.9
	Two or More Races	1,862	63	21.0	18.5
	Prefer not/No Response	5,110	44	19.3	17.3
National	All Students	2,090,342	69	21.9	18.7
	Black/African American	272,363	64	17.8	15.7
	American Indian/Alaska Native	16,183	57	18.9	16.3
	White	1,119,398	73	23.2	20.0
	Hispanic/Latino	337,280	69	19.5	17.3
	Asian	93,493	78	24.7	22.1
	Native Hawaiian/Other Pac. Isl.	6,797	61	20.1	16.6
	Two or More Races	85,494	70	21.9	19.0
	Prefer not/No Response	159,334	48	22.3	18.2

<sup>1</sup>"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 Race/Ethnicity**

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	All Students	50,809	100	19.7	19.3	20.6	19.9	20.0	19.9
	Black/African American	4,063	8	15.8	16.9	17.2	17.1	16.9	17.2
	American Indian/Alaska Native	197	0	16.6	17.5	18.4	17.9	17.8	18.0
	White	36,616	72	20.5	19.8	21.3	20.5	20.7	20.4
	Hispanic/Latino	2,171	4	17.8	18.3	19.0	18.7	18.6	18.7
	Asian	715	1	22.3	23.6	22.5	22.5	22.8	23.3
	Native Hawaiian/Other Pac. Isl.	75	0	15.8	17.2	17.2	16.9	16.9	17.3
	Two or More Races	1,862	4	19.8	19.2	20.7	20.0	20.0	19.8
	Prefer not/No Response	5,110	10	17.4	17.8	18.7	18.1	18.1	18.2
National	All Students	2,090,342	100	20.1	20.6	21.3	20.8	20.8	20.9
	Black/African American	272,363	13	15.8	17.0	17.4	17.2	17.0	17.3
	American Indian/Alaska Native	16,183	1	16.3	17.7	18.2	18.1	17.7	18.2
	White	1,119,398	54	21.9	21.7	22.8	22.1	22.2	22.1
	Hispanic/Latino	337,280	16	17.6	18.8	19.2	18.9	18.7	19.1
	Asian	93,493	4	23.3	25.0	23.7	23.6	24.0	24.6
	Native Hawaiian/Other Pac. Isl.	6,797	0	17.4	18.9	18.9	18.6	18.6	19.0
	Two or More Races	85,494	4	20.4	20.5	21.6	20.9	21.0	21.0
	Prefer not/No Response	159,334	8	19.3	20.0	20.6	20.0	20.1	20.3



Total Students in Report: 50,809

**Table 2.6. Average ACT Composite Scores for Gender by Level of Preparation**

Student Group	Gender	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	23,632	59	21.3	18.1
	Females	24,208	65	21.3	19.0
	No Response	2,969	44	18.2	17.0
National	Males	971,383	68	22.1	18.5
	Females	1,074,049	72	21.7	19.1
	No Response	44,910	28	19.3	16.5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	Males	23,632	47	19.2	19.6	20.2	20.0	19.9	20.1
	Females	24,208	48	20.6	19.3	21.3	20.1	20.5	20.0
	No Response	2,969	6	16.5	17.2	17.9	17.4	17.4	17.5
National	Males	971,383	46	19.8	21.0	21.0	21.1	20.9	21.3
	Females	1,074,049	51	20.6	20.3	21.6	20.6	20.9	20.7
	No Response	44,910	2	16.5	17.9	18.0	17.9	17.7	18.2

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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.

Total Students in Report: 50,809

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

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	2,459	5	730	1	2,405	5	1,136	2
	28 to 32	4,347	9	2,861	6	5,723	11	2,862	6
	24 to 27	7,314	14	7,696	15	6,436	13	8,885	17
	20 to 23	11,450	23	8,317	16	12,056	24	14,074	28
	16 to 19	9,177	18	19,414	38	11,582	23	12,668	25
	13 to 15	8,478	17	11,238	22	8,130	16	6,835	13
	01 to 12	7,584	15	553	1	4,477	9	4,349	9
National	33 to 36	116,080	6	59,483	3	130,942	6	72,515	3
	28 to 32	200,641	10	192,181	9	275,075	13	157,797	8
	24 to 27	315,883	15	404,868	19	295,645	14	407,121	19
	20 to 23	472,860	23	351,510	17	483,472	23	578,034	28
	16 to 19	378,663	18	701,208	34	451,883	22	502,407	24
	13 to 15	317,275	15	353,660	17	297,137	14	234,398	11
	01 to 12	288,940	14	27,432	1	156,188	7	138,070	7

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	56	33	38	32	21
	Females	65	31	44	30	21
	No Response	39	15	22	14	8
National	Males	59	44	43	39	28
	Females	64	39	47	34	25
	No Response	39	21	24	18	11

Total Students in Report: 50,809

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

Student Group	N	English Benchmark=18 %	Mathematics Benchmark=22 %	Reading Benchmark=22 %	Science Benchmark=23 %	All Four %	STEM Benchmark=26 %
<b>State</b>	<b>All Students</b>	<b>50,809</b>	<b>59</b>	<b>31</b>	<b>40</b>	<b>20</b>	<b>14</b>
	Black/African American	4,063	32	11	17	6	3
	American Indian/Alaska Native	197	38	17	26	11	6
	White	36,616	65	35	44	23	16
	Hispanic/Latino	2,171	46	22	29	13	8
	Asian	715	67	59	51	40	39
	Native Hawaiian/Other Pac. Isl	75	37	13	24	5	3
	Two or More Races	1,862	60	29	40	19	12
	Prefer Not to Respond	5,110	45	20	28	12	8
<b>National</b>	<b>All Students</b>	<b>2,090,342</b>	<b>61</b>	<b>41</b>	<b>44</b>	<b>26</b>	<b>20</b>
	Black/African American	272,363	33	13	19	6	3
	American Indian/Alaska Native	16,183	37	18	25	9	6
	White	1,119,398	73	50	55	34	25
	Hispanic/Latino	337,280	46	27	30	14	9
	Asian	93,493	75	70	59	46	44
	Native Hawaiian/Other Pac. Isl	6,797	45	29	30	16	11
	Two or More Races	85,494	64	40	46	26	19
	Prefer Not to Respond	159,334	55	36	40	24	19

**Table 3.4. Progress Toward Career Readiness<sup>1</sup>**

Student Group	Progress Toward NCRC <sup>2</sup> Level	N	%	Average Composite
<b>State</b>	Gold	32,168	63	23.1
	Silver	13,399	26	15.6
	Bronze	4,462	9	12.6
	Needs Improvement	780	2	10.8
<b>National</b>	Gold	1,418,678	68	23.7
	Silver	496,817	24	15.6
	Bronze	142,375	7	12.6
	Needs Improvement	32,472	2	10.4

<sup>1</sup> Progress reflects degree to which students are on track for attaining workplace employability skills critical to job success.

<sup>2</sup> Additional information on the ACT NCRC (National Career Readiness Certificate) can be found at [www.act.org](http://www.act.org).

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite <sup>4</sup>		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More <sup>2</sup>	31,058	68	21.1	38	20.3	47	21.8	37	21.0	26	21.2	18	20.9
	Less than Core	16,090	47	17.8	20	18.0	29	18.9	20	18.5	12	18.4	8	18.5
	Missing <sup>3</sup>	3,661	36	15.9	12	16.8	22	17.6	14	17.0	7	17.0	4	17.2
National	Core or More	1,441,538	69	21.3	48	21.5	51	22.3	43	21.7	32	21.9	24	21.9
	Less than Core	483,335	46	17.8	26	18.7	31	19.2	23	18.8	15	18.7	11	19.0
	Missing	165,469	38	16.4	20	17.7	24	18.0	18	17.8	11	17.6	8	18.0

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

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

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

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More <sup>2</sup>	43,849	63	20.3	45,855	33	19.6	36,172	44	21.3	41,238	34	20.5
	Less than Core	3,710	33	15.6	1,598	5	15.8	11,186	30	19.1	6,082	14	17.5
	Missing <sup>3</sup>	3,250	38	16.2	3,356	13	16.9	3,451	23	17.7	3,489	14	17.1
National	Core or More	1,821,855	65	20.7	1,834,921	44	21.0	1,707,404	48	21.8	1,679,561	41	21.4
	Less than Core	121,175	34	15.8	101,097	8	16.1	229,685	32	19.2	255,155	17	18.0
	Missing	147,312	40	16.6	154,324	20	17.8	153,253	25	18.2	155,626	19	18.0

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

Total Students in Report: 50,809

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

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,498	15	22.3	74	385,251	18	21.7	71
Eng 9, Eng 10, Eng 11, Eng 12	36,351	72	19.9	61	1,436,604	69	20.4	63
Less than 4 years of English	3,710	7	15.6	33	121,175	6	15.8	34
Zero years / no English courses reported	3,250	6	16.2	38	147,312	7	16.6	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,815	4	21.1	46	125,390	6	23.2	63
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,522	5	21.3	51	163,212	8	21.6	52
Alg 1, Alg 2, Geom, & Trig	2,550	5	18.0	19	126,596	6	18.9	27
Alg 1, Alg 2, Geom, & Other Adv Math	13,679	27	18.8	26	379,347	18	19.3	30
Other comb of 4 or more years of Math	13,754	27	22.5	57	689,169	33	23.6	64
Alg 1, Alg 2, & Geom	8,456	17	16.5	7	243,569	12	16.8	10
Other comb of 3 or 3.5 years of Math	3,079	6	18.3	21	107,638	5	19.5	32
Less than 3 years of Math	1,598	3	15.8	5	101,097	5	16.1	8
Zero years / no Math courses reported	3,356	7	16.9	13	154,324	7	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,286	3	21.3	45	51,783	2	22.1	50
Other comb of 4 or more years Social Science	15,068	30	21.9	48	979,530	47	22.3	51
US Hist, World Hist, & Am Gov	7,188	14	19.2	30	120,501	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	12,630	25	21.8	48	555,590	27	21.4	45
Less than 3 years of Social Science	11,186	22	19.1	30	229,685	11	19.2	32
Zero years / no Social Science courses reported	3,451	7	17.7	23	153,253	7	18.2	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	15,994	31	21.1	38	844,557	40	22.1	46
Bio, Chem, Phys	3,795	7	22.6	50	233,024	11	23.0	52
Gen Sci <sup>1</sup> , Bio, Chem	20,138	40	19.8	28	542,380	26	20.0	29
Other comb of 3 years of Natural Science	1,311	3	18.9	22	59,600	3	19.0	23
Less than 3 years of Natural Science	6,082	12	17.5	14	255,155	12	18.0	17
Zero years / no Natural Science courses reported	3,489	7	17.1	14	155,626	7	18.0	19

<sup>1</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 50,809

**Table 3.8. College Readiness Benchmark (CRB) Percent and Average ACT Scores for Gender by Common Course Patterns**

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,498	15	22.3	74	3,149	13	21.9	72	4,198	17	22.7	77
Eng 9, Eng 10, Eng 11, Eng 12	36,351	72	19.9	61	16,838	71	19.5	58	17,544	72	20.6	65
Less than 4 years of English	3,710	7	15.6	33	2,048	9	15.1	29	1,356	6	16.3	38
Zero years / no English courses reported	3,250	6	16.2	38	1,597	7	16.0	36	1,110	5	16.9	44
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,815	4	21.1	46	816	3	21.7	50	910	4	20.9	44
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,522	5	21.3	51	953	4	21.8	54	1,478	6	21.1	48
Alg 1, Alg 2, Geom, & Trig	2,550	5	18.0	19	1,191	5	18.2	21	1,196	5	17.9	18
Alg 1, Alg 2, Geom, & Other Adv Math	13,679	27	18.8	26	5,610	24	18.9	27	7,185	30	18.9	26
Other comb of 4 or more years of Math	13,754	27	22.5	57	6,696	28	23.1	60	6,698	28	22.0	54
Alg 1, Alg 2, & Geom	8,456	17	16.5	7	4,353	18	16.5	8	3,585	15	16.4	6
Other comb of 3 or 3.5 years of Math	3,079	6	18.3	21	1,447	6	18.6	24	1,431	6	18.2	20
Less than 3 years of Math	1,598	3	15.8	5	911	4	15.8	5	582	2	15.7	6
Zero years / no Math courses reported	3,356	7	16.9	13	1,655	7	17.1	15	1,143	5	16.8	12
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,286	3	21.3	45	674	3	20.9	43	559	2	22.1	49
Other comb of 4 or more years Social Science	15,068	30	21.9	48	6,887	29	21.7	47	7,675	32	22.3	51
US Hist, World Hist, & Am Gov	7,188	14	19.2	30	3,450	15	18.9	29	3,200	13	19.8	33
Other comb of 3 or 3.5 years of Social Science	12,630	25	21.8	48	5,393	23	21.5	46	6,638	27	22.3	51
Less than 3 years of Social Science	11,186	22	19.1	30	5,521	23	18.6	27	4,959	20	19.8	34
Zero years / no Social Science courses reported	3,451	7	17.7	23	1,707	7	17.5	23	1,177	5	18.4	26
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	15,994	31	21.1	38	7,919	34	21.6	43	7,464	31	20.8	35
Bio, Chem, Phys	3,795	7	22.6	50	1,707	7	23.4	55	1,940	8	22.1	46
Gen Sci <sup>2</sup> , Bio, Chem	20,138	40	19.8	28	8,521	36	19.6	28	10,522	43	20.1	30
Other comb of 3 years of Natural Science	1,311	3	18.9	22	683	3	19.2	25	548	2	18.8	20
Less than 3 years of Natural Science	6,082	12	17.5	14	3,066	13	17.2	14	2,546	11	18.0	17
Zero years / no Natural Science courses reported	3,489	7	17.1	14	1,736	7	17.3	16	1,188	5	17.3	14

<sup>1</sup>Includes General, Physical and Earth Sciences.



# 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.

Total Students in Report: 50,809

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	1,284	3	18.7	313	5	15.8	898	2	19.9
Architecture	393	1	20.5	50	1	16.8	327	1	21.2
Area, Ethnic, & Multidisciplinary Studies	66	0	21.1	13	0	14.2	53	0	22.8
Arts: Visual & Performing	3,331	7	20.1	516	8	16.6	2,610	7	20.9
Business	3,379	7	20.8	407	6	16.9	2,853	8	21.4
Communications	737	1	21.3	45	1	16.4	665	2	21.7
Community, Family, & Personal Services	2,544	5	17.8	663	10	16.0	1,707	5	18.6
Computer Science & Mathematics	1,414	3	22.4	164	3	17.7	1,188	3	23.1
Education	2,774	5	20.3	147	2	15.4	2,545	7	20.6
Engineering	3,241	6	22.5	458	7	16.4	2,651	7	23.8
Engineering Technology & Drafting	850	2	18.6	292	4	15.9	503	1	20.5
English & Foreign Languages	502	1	23.1	23	0	18.5	454	1	23.5
Health Administration & Assisting	1,307	3	18.1	177	3	16.2	1,081	3	18.5
Health Sciences & Technologies	10,256	20	20.7	652	10	16.6	9,305	25	21.1
Philosophy, Religion, & Theology	254	0	21.3	16	0	17.5	224	1	21.8
Repair, Production, & Construction	1,780	4	16.6	1,119	17	16.0	517	1	17.8
Sciences: Biological & Physical	1,988	4	23.4	41	1	16.9	1,892	5	23.6
Social Sciences & Law	3,598	7	21.4	197	3	16.6	3,271	9	21.8
Undecided	5,096	10	20.6	606	9	16.3	3,843	10	21.6
No Response	5,636	11	16.3	491	8	15.1	531	1	16.3

<sup>1</sup>2-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.

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

Total Students in Report: 50,809

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2,349	15.9	153	14.1	16	14.9	1,698	16.2	77	15.0
2-yr College Degree	4,194	16.4	352	14.6	18	15.3	2,975	16.7	158	16.1
Bachelors Degree	22,114	20.0	1,901	16.9	68	18.9	16,431	20.6	959	18.5
Graduate Study	5,519	23.3	338	18.9	14	20.3	4,255	24.0	211	21.2
Prof. Level Degree	9,671	23.0	757	19.0	38	20.0	7,072	23.7	452	20.6
Other	1,471	16.7	98	14.9	10	15.6	1,007	16.9	62	15.8
No Response	5,491	17.0	464	14.8	33	15.2	3,178	17.3	252	16.2

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2,349	15.9	19	15.2	2	14.0	52	15.8	332	15.4
2-yr College Degree	4,194	16.4	17	15.9	14	15.0	128	16.7	532	15.5
Bachelors Degree	22,114	20.0	254	20.2	25	17.0	869	19.7	1,607	18.7
Graduate Study	5,519	23.3	101	25.3	8	18.4	192	22.7	400	21.0
Prof. Level Degree	9,671	23.0	266	26.7	11	19.6	402	22.4	673	21.2
Other	1,471	16.7	9	17.0	4	13.5	56	18.1	225	16.3
No Response	5,491	17.0	49	16.9	11	17.2	163	17.7	1,341	17.1

Total Students in Report: 50,809

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

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF KENTUCKY	Kentucky	18,276	6,819	11,457	2	11	24	29	20	12	2
UNIVERSITY OF LOUISVILLE	Kentucky	12,305	4,010	8,295	3	12	24	27	19	12	2
WESTERN KENTUCKY UNIVERSITY	Kentucky	11,917	3,227	8,690	3	13	28	29	17	9	1
EASTERN KENTUCKY UNIVERSITY	Kentucky	10,401	3,571	6,830	3	14	32	30	15	6	0
MOREHEAD STATE UNIVERSITY	Kentucky	4,748	1,457	3,291	3	14	32	29	15	7	0
MURRAY STATE UNIVERSITY	Kentucky	4,666	1,418	3,248	2	11	29	30	18	9	1
NORTHERN KENTUCKY UNIVERSITY	Kentucky	4,206	1,358	2,848	2	11	28	29	20	10	1
BELLARMINE UNIVERSITY	Kentucky	2,998	701	2,297	2	9	21	31	23	13	1
STATE-NO COLLEGE PLANS	Iowa	2,479	2,479	0	19	41	26	11	3	0	0
BLUEGRASS COMMUNITY & TECHNICAL COLLEGE	Kentucky	1,897	732	1,165	7	22	36	23	10	3	0
CAMPBELLSVILLE UNIVERSITY	Kentucky	1,739	462	1,277	4	17	33	28	14	5	0
UNIVERSITY OF CINCINNATI	Ohio	1,603	429	1,174	2	5	18	28	24	20	4
BEREA COLLEGE	Kentucky	1,541	484	1,057	3	16	31	28	16	6	1
SOMERSET COMMUNITY COLLEGE	Kentucky	1,316	511	805	7	24	38	22	8	2	0
UNIVERSITY OF PIKEVILLE	Kentucky	1,315	235	1,080	4	20	36	25	12	4	0
GEORGETOWN COLLEGE	Kentucky	1,291	209	1,082	4	15	28	27	17	8	1
KENTUCKY STATE UNIVERSITY	Kentucky	1,255	262	993	6	27	38	20	6	2	0
MAYSVILLE COMM & TECH COLL-MOREHEAD	Kentucky	1,225	311	914	6	26	35	24	8	2	0
ELIZABETHTOWN COMM AND TECH COLLEGE	Kentucky	1,186	554	632	6	21	36	26	10	2	0
LINDSEY WILSON COLLEGE	Kentucky	1,162	227	935	3	17	35	26	15	3	0
JEFFERSON COMM & TECH COLL-DOWNTOWN	Kentucky	1,115	397	718	11	33	32	18	5	1	0
WEST KENTUCKY COMM & TECHNICAL COLLEGE	Kentucky	1,109	454	655	5	20	33	26	11	5	0
BOWLING GREEN TECHNICAL COLLEGE	Kentucky	1,079	413	666	9	30	35	20	6	1	0
TRANSYLVANIA UNIVERSITY	Kentucky	1,024	152	872	1	6	17	23	28	22	4
UNIVERSITY OF THE CUMBERLANDS	Kentucky	973	176	797	2	13	32	32	14	6	0
NCAA ELIGIBILITY CENTER	Indiana	965	410	555	3	14	28	28	17	9	1
GATEWAY COMMUNITY & TECHNICAL COLLEGE	Kentucky	909	386	523	6	26	38	21	7	2	0
ITT TECHNICAL INSTITUTE-LEXINGTON	Kentucky	893	269	624	9	36	30	19	4	1	0
OWENSBORO COMM & TECH COLL-MAIN CAMPUS	Kentucky	875	438	437	5	20	33	28	10	4	0
ALICE LLOYD COLLEGE	Kentucky	830	343	487	5	21	38	24	10	2	0
All Other Institutions		44,912	11,165	33,747	4	17	27	22	15	12	3
<b>Total</b>		<b>142,210</b>	<b>44,059</b>	<b>98,151</b>	<b>4</b>	<b>15</b>	<b>28</b>	<b>26</b>	<b>16</b>	<b>10</b>	<b>2</b>

# 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.

Total Students in Report: 50,809

**Table 5.1. Average ACT Writing and English/Language Arts Scores by Race/Ethnicity and Gender for students who took ACT Writing<sup>1</sup>**

	Average ACT Scores									
	N		Writing		English		Reading		English / Language Arts	
	State	National	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>2,422</b>	<b>519,922</b>	<b>21.1</b>	<b>19.3</b>	<b>26.0</b>	<b>21.8</b>	<b>26.3</b>	<b>22.9</b>	<b>24.4</b>	<b>21.3</b>
Black/African American	193	67,101	18.4	16.2	21.1	17.6	21.8	19.1	20.4	17.6
American Indian/Alaska Native	6	3,056	21.2	16.1	25.0	17.6	26.7	19.3	24.3	17.7
White	1,718	234,063	21.4	20.4	26.6	23.9	26.8	24.7	24.9	23.0
Hispanic/Latino	132	116,135	19.3	17.8	22.9	18.8	23.8	20.3	22.0	19.0
Asian	137	44,606	23.1	21.5	28.8	24.5	28.0	24.7	26.6	23.6
Native Hawaiian/Other Pac. Isl.	2	1,742	22.5	19.3	21.5	20.6	25.0	21.4	23.0	20.4
Two or More Races	113	21,475	20.6	19.9	25.6	22.6	26.2	23.6	24.1	22.0
Prefer not/No Response	121	31,744	21.4	19.9	26.0	22.8	26.3	23.8	24.5	22.2
Males	1,035	220,204	20.6	18.9	25.7	21.9	26.2	22.9	24.2	21.2
Females	1,387	298,512	21.4	19.6	26.2	21.8	26.3	22.8	24.6	21.4
No Response	0	1,206	.	16.3	.	16.8	.	19.0	.	17.3

<sup>1</sup>Results based on students with ACT Writing scores from test events beginning September 2015. Score scale is 1-36.

**Table 5.2. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing<sup>1</sup>**

	Average ACT Scores							
	N		English		Writing		English / Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>642</b>	<b>754,169</b>	<b>29.4</b>	<b>19.6</b>	<b>7.7</b>	<b>6.2</b>	<b>27.1</b>	<b>18.6</b>
Black/African American	16	85,940	25.8	14.6	7.5	5.1	24.2	13.9
American Indian/Alaska Native	4	5,558	26.3	15.2	8.3	5.0	25.3	14.2
White	492	407,944	29.6	21.4	7.7	6.5	27.2	20.2
Hispanic/Latino	22	115,338	28.4	17.1	7.6	6.0	26.3	16.5
Asian	41	30,233	31.1	23.2	8.3	7.1	28.9	22.0
Native Hawaiian/Other Pac. Isl.	0	3,063	.	15.9	.	5.6	.	15.3
Two or More Races	20	32,453	29.0	19.6	7.8	6.2	26.8	18.5
Prefer not/No Response	47	73,640	28.2	18.8	7.5	6.0	26.0	17.7
Males	301	367,696	29.2	19.2	7.6	5.9	26.8	18.0
Females	341	356,634	29.6	20.3	7.9	6.6	27.4	19.4
No Response	0	29,839	.	16.7	.	5.5	.	15.8

<sup>1</sup>Results based on students with ACT Writing scores from test events before September 2015. Score scale is 2-12.



