



Profile Report - State

Graduating Class 2016

Missouri



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.

Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Five Year Trends—Achievement in STEM	
Proficiency Toward Understanding Complex Text	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
Section II: Academic Achievement	Page 11
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Average ACT Composite Scores for Gender by Level of Preparation	
Average ACT Scores by Gender	
Section III: College Readiness & Impact of Course Rigor	Page 17
Percent of Students in College and Career Readiness Standards (CCRS) Score Ranges	
Percent of Students Who Met ACT College Readiness Benchmark Scores by Gender and Race/Ethnicity	
Progress Toward National Career Readiness Certificates	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 23
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 27
Average ACT Total Writing and English/Language Arts Scores by Race/Ethnicity and Gender	

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.

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

22% 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: 68,446 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. 52% 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 9% 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. 10% of these students were college ready. In comparison, 52% 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 20% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 41% 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 58% 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.

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.

Section I

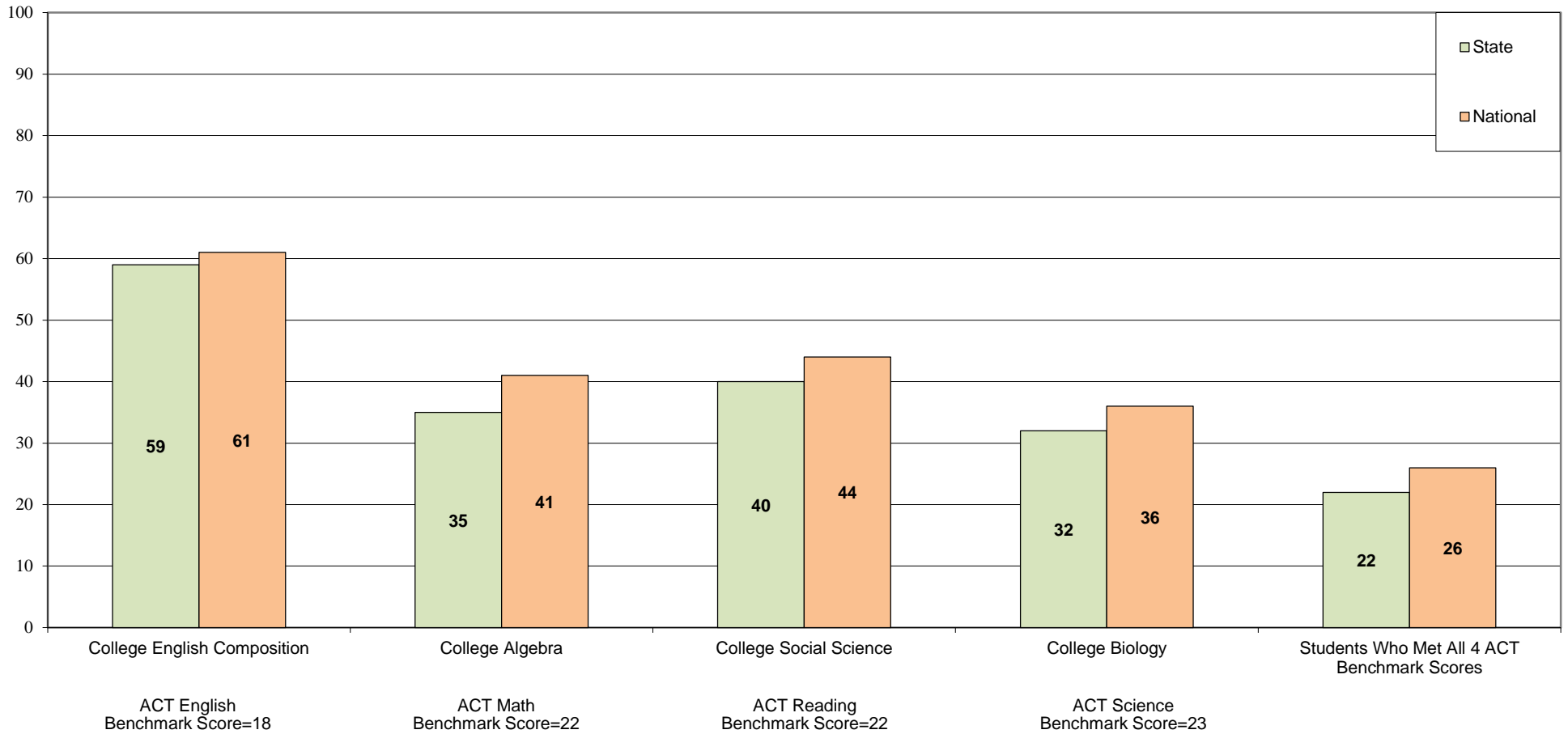
Executive Summary

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: 68,446

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	49,222	1,666,017	73	67	46	46	56	52	33	31	27	25
2013	49,217	1,799,243	72	64	45	44	49	44	41	36	28	26
2014	48,865	1,845,787	72	64	45	43	51	44	42	37	29	26
2015	49,640	1,924,436	71	64	44	42	51	46	42	38	30	28
2016	68,446	2,090,342	59	61	35	41	40	44	32	36	22	26

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	49,222	1,666,017	21.4	20.5	21.1	21.1	21.9	21.3	21.5	20.9	21.6	21.1
2013	49,217	1,799,243	21.4	20.2	21.0	20.9	21.9	21.1	21.6	20.7	21.6	20.9
2014	48,865	1,845,787	21.6	20.3	21.1	20.9	22.3	21.3	21.7	20.8	21.8	21.0
2015	49,640	1,924,436	21.4	20.4	21.0	20.8	22.2	21.4	21.7	20.9	21.7	21.0
2016	68,446	2,090,342	19.7	20.1	19.8	20.6	20.6	21.3	20.4	20.8	20.2	20.8

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
2016	2,090,342	20.1	20.6	21.3	20.8	20.8

Total Students in Report: 68,446

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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	35,618	12,924	72	26	22.3	19.4	21.8	19.2	22.6	20.2	22.2	19.9	22.3	19.8
2013	35,123	12,554	71	26	22.3	19.4	21.8	19.2	22.7	20.3	22.3	20.0	22.4	19.8
2014	35,194	12,260	72	25	22.4	19.5	21.9	19.3	22.9	20.6	22.4	20.2	22.5	20.0
2015	35,404	12,696	71	26	22.3	19.5	21.8	19.3	22.9	20.6	22.4	20.1	22.5	20.0
2016	35,700	20,878	52	31	21.9	17.9	21.4	18.3	22.4	19.1	22.0	18.9	22.1	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.

²Percent 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
All Students	49,222	100	21.6	49,217	100	21.6	48,865	100	21.8	49,640	100	21.7	68,446	100	20.2
Black/African American	6,253	13	17.1	6,117	12	17.2	5,784	12	17.3	6,146	12	17.3	8,209	12	16.6
American Indian/Alaska Native	218	0	19.6	213	0	19.6	193	0	20.1	151	0	19.5	395	1	17.7
White	36,303	74	22.4	35,485	72	22.5	35,326	72	22.6	35,429	71	22.6	47,044	69	21.1
Hispanic/Latino	2,033	4	20.2	2,240	5	19.9	2,193	4	20.2	2,392	5	20.1	3,674	5	18.7
Asian	978	2	23.3	1,041	2	23.7	1,115	2	23.4	1,079	2	23.6	1,246	2	23.3
Native Hawaiian/Other Pacific Islander	87	0	19.7	72	0	20.0	71	0	19.8	84	0	19.4	151	0	17.1
Two or more races	1,634	3	21.2	1,790	4	21.1	1,900	4	21.5	2,010	4	21.3	2,909	4	20.1
Prefer not to respond/No response	1,716	3	22.0	2,259	5	21.5	2,283	5	21.8	2,349	5	21.7	4,818	7	19.3

Table 1.6. Five Year Trends—Achievement in STEM¹

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	49,222	1,666,017	21.5	21.3	20	20	28.3	28.7	28.1	27.9
2013	49,217	1,799,243	21.5	21.1	20	19	28.3	28.7	28.2	28.0
2014	48,865	1,845,787	21.7	21.1	21	20	28.4	28.7	28.6	28.3
2015	49,640	1,924,436	21.6	21.1	21	20	28.3	28.7	28.6	28.4
2016	68,446	2,090,342	20.3	20.9	16	20	28.3	28.7	28.6	28.6

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

Table 1.7. Proficiency In Understanding Complex Texts¹

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	.	.
2016	13,460	485,762	20	23	17.4	17.0	9,310	322,548	14	15	23.7	23.6	6,876	235,380	10	11	30.2	30.3

¹The 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: 68,446

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	63,659	93	20.0	20.0	20.9	20.6	20.5
	Extended Time	4,787	7	15.1	16.7	17.3	17.2	16.7
	Total	68,446	100	19.7	19.8	20.6	20.4	20.2
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	61	36	42	33	23
	Extended Time	30	14	22	17	10
	Total	59	35	40	32	22
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: 68,446

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), 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	271	100	136	100	320	100	269	100	43	100	115	100	36
35	1,083	99	286	99	825	99	468	99	233	99	283	99	35
34	903	98	383	99	938	98	546	99	392	99	316	99	34
33	1,130	97	370	99	1,146	97	385	98	610	99	431	99	33
32	868	95	396	98	1,342	95	721	98	869	98	610	98	32
31	1,097	94	649	98	1,616	93	763	97	1,125	97	781	97	31
30	1,176	92	775	97	1,789	91	682	95	1,068	95	903	96	30
29	1,157	90	1,076	96	1,564	88	1,124	94	1,289	94	1,217	95	29
28	1,691	89	1,764	94	1,757	86	1,366	93	1,900	92	1,528	93	28
27	1,588	86	2,295	91	1,899	83	1,514	91	2,144	89	1,939	91	27
26	2,172	84	2,967	88	2,119	81	1,936	89	2,413	86	2,601	88	26
25	2,868	81	2,519	84	2,140	78	4,103	86	2,954	82	3,228	84	25
24	3,009	77	3,687	80	3,569	74	4,751	80	3,483	78	3,645	80	24
23	3,533	72	3,212	75	3,574	69	3,435	73	3,657	73	3,875	74	23
22	3,756	67	3,179	70	3,009	64	5,740	68	4,040	68	4,027	69	22
21	3,910	62	3,086	65	5,343	60	5,080	59	4,395	62	4,305	63	21
20	4,312	56	2,289	61	3,170	52	4,545	52	4,466	55	4,773	56	20
19	2,840	50	3,875	58	5,136	47	5,577	45	4,559	49	5,498	49	19
18	2,883	45	4,755	52	3,420	40	5,401	37	4,747	42	5,929	41	18
17	2,729	41	7,454	45	3,163	35	3,309	29	4,570	35	5,605	33	17
16	4,194	37	8,654	34	3,295	30	3,764	24	4,585	28	5,074	25	16
15	4,173	31	7,694	21	4,708	25	3,398	19	4,140	22	4,558	17	15
14	4,053	25	4,103	10	3,103	18	2,554	14	4,150	16	3,584	11	14
13	2,623	19	1,802	4	4,200	14	2,217	10	3,518	10	2,351	5	13
12	2,422	15	738	2	2,136	8	1,797	7	2,145	5	903	2	12
11	2,486	12	206	1	2,025	5	1,814	4	714	1	258	1	11
10	2,522	8	61	1	611	2	639	2	163	1	63	1	10
9	1,434	4	15	1	278	1	308	1	40	1	21	1	9
8	1,044	2	6	1	15	1	147	1	17	1	14	1	8
7	341	1	5	1	136	1	29	1	9	1	6	1	7
6	119	1	1	1	60	1	28	1	4	1	3	1	6
5	35	1	3	1	8	1	13	1	3	1	1	1	5
4	15	1	0	1	18	1	7	1	0	1	0	1	4
3	4	1	4	1	0	1	8	1	1	1	0	1	3
2	1	1	0	1	10	1	1	1	0	1	1	1	2
1	4	1	1	1	4	1	7	1	0	1	0	1	1
Avg (SD)	19.7 (6.7)		19.8 (5.1)		20.6 (6.3)		20.4 (5.4)		20.2 (5.4)		20.3 (5.0)		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.

Total Students in Report: 68,446

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), 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	2,001	100	859	100	1,274	100	1,882	100	1,521	100	389	100	395	100	18
17	3,061	97	1,543	99	2,999	98	2,709	97	2,007	98	358	99	288	99	17
16	2,329	93	2,875	96	4,309	94	3,379	93	2,438	95	1,205	99	1,513	99	16
15	2,566	89	4,581	92	2,952	87	3,740	88	3,254	91	2,859	97	3,080	97	15
14	2,231	85	4,341	86	5,252	83	3,722	83	3,551	87	3,855	93	3,739	92	14
13	4,144	82	4,492	79	4,238	75	4,065	77	4,770	81	6,250	87	3,908	87	13
12	4,507	76	7,041	73	7,559	69	4,690	72	5,047	74	6,157	78	6,672	81	12
11	5,277	70	5,303	62	5,395	58	7,614	65	7,161	67	6,685	69	6,187	71	11
10	6,782	62	6,936	55	6,290	50	5,593	54	4,582	57	11,026	59	9,272	62	10
9	6,852	52	6,466	45	6,788	41	5,385	45	5,423	50	8,719	43	11,667	49	9
8	5,677	42	7,856	35	6,416	31	5,993	37	7,905	42	7,153	31	8,515	32	8
7	5,253	34	3,852	24	8,007	22	4,896	29	9,800	30	5,998	20	5,901	19	7
6	5,104	26	4,587	18	3,572	10	5,831	22	5,664	16	4,108	11	2,711	11	6
5	5,927	18	3,985	11	2,027	5	5,737	13	2,539	8	2,079	5	1,697	7	5
4	3,376	10	2,594	5	890	2	2,150	5	2,010	4	207	2	1,381	4	4
3	2,324	5	967	2	82	1	749	2	620	1	1,136	2	639	2	3
2	927	2	151	1	305	1	271	1	129	1	20	1	498	1	2
1	108	1	17	1	91	1	40	1	25	1	242	1	383	1	1
Avg (SD)	9.6 (4.0)		10.2 (3.6)		10.7 (3.5)		10.2 (3.9)		10.0 (3.6)		10.0 (3.0)		9.9 (3.0)		Avg (SD)

¹CP 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	24	25	24	24
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	15	16	15	17	16

Total Students in Report: 68,446

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 ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	68,446	52	22.1	18.7
	Black/African American	8,209	58	17.5	15.7
	American Indian/Alaska Native	395	42	19.7	16.9
	White	47,044	53	23.1	19.3
	Hispanic/Latino	3,674	51	20.2	17.7
	Asian	1,246	72	24.4	21.0
	Native Hawaiian/Other Pac. Isl.	151	38	19.1	16.4
	Two or More Races	2,909	53	21.5	18.6
	Prefer not/No Response	4,818	35	21.9	17.6
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

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 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	All Students	68,446	100	19.7	19.8	20.6	20.4	20.2	20.3
	Black/African American	8,209	12	15.4	16.6	16.8	17.0	16.6	17.1
	American Indian/Alaska Native	395	1	16.7	17.5	18.1	18.0	17.7	18.0
	White	47,044	69	20.7	20.5	21.5	21.1	21.1	21.0
	Hispanic/Latino	3,674	5	17.7	18.5	19.1	19.0	18.7	19.0
	Asian	1,246	2	22.7	24.0	22.7	23.1	23.3	23.8
	Native Hawaiian/Other Pac. Isl.	151	0	15.6	17.3	17.2	17.7	17.1	17.7
	Two or More Races	2,909	4	19.6	19.4	20.7	20.2	20.1	20.0
	Prefer not/No Response	4,818	7	18.5	18.9	19.8	19.4	19.3	19.4
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: 68,446

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 ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	33,467	49	22.2	18.3
	Females	33,413	56	22.0	19.1
	No Response	1,566	29	19.9	16.8
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	33,467	49	19.1	20.0	20.2	20.4	20.1	20.4
	Females	33,413	49	20.4	19.7	21.2	20.4	20.6	20.3
	No Response	1,566	2	16.7	17.7	18.1	18.1	17.8	18.2
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

This page intentionally left blank.

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: 68,446

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	3,387	5	1,175	2	3,229	5	1,668	2
	28 to 32	5,989	9	4,660	7	8,068	12	4,656	7
	24 to 27	9,637	14	11,468	17	9,727	14	12,304	18
	20 to 23	15,511	23	11,766	17	15,096	22	18,800	27
	16 to 19	12,646	18	24,738	36	15,014	22	18,051	26
	13 to 15	10,849	16	13,599	20	12,011	18	8,169	12
	01 to 12	10,427	15	1,040	2	5,301	8	4,798	7
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	55	36	38	33	23
	Females	63	34	43	32	22
	No Response	40	19	26	17	10
National	Males	59	44	43	39	28
	Females	64	39	47	34	25
	No Response	39	21	24	18	11

Total Students in Report: 68,446

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 %
State	All Students	68,446	59	35	40	22	16
	Black/African American	8,209	29	11	15	5	3
	American Indian/Alaska Native	395	38	17	26	9	6
	White	47,044	66	40	46	26	18
	Hispanic/Latino	3,674	46	24	28	13	9
	Asian	1,246	70	63	53	42	40
	Native Hawaiian/Other Pac. Isl	151	34	19	19	7	5
	Two or More Races	2,909	59	31	39	19	13
	Prefer Not to Respond	4,818	50	28	36	19	14
National	All Students	2,090,342	61	41	44	26	20
	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 Readiness¹

Student Group	Progress Toward NCRC ² Level	N	%	Average Composite
State	Gold	44,387	65	23.3
	Silver	17,445	25	15.5
	Bronze	5,663	8	12.6
	Needs Improvement	951	1	10.6
National	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

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

² Additional information on the ACT NCRC (National Career Readiness Certificate) can be found at www.act.org.

Total Students in Report: 68,446

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite ⁴		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More ²	35,700	73	21.9	48	21.4	52	22.4	44	22.0	32	22.1	23	22.0
	Less than Core	20,878	47	17.9	22	18.3	30	19.1	21	18.9	12	18.7	8	18.9
	Missing ³	11,868	38	16.3	17	17.5	23	17.9	17	17.9	9	17.6	6	17.9
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

¹ "Curriculum Taken" reflects overall high school 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.

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More ²	51,196	66	20.8	50,745	42	20.8	51,166	45	21.4	43,286	41	21.5
	Less than Core	6,255	36	16.1	6,271	5	15.9	5,973	30	19.0	13,802	18	18.6
	Missing ³	10,995	39	16.5	11,430	17	17.5	11,307	24	18.1	11,358	17	18.0
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

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 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.

Total Students in Report: 68,446

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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	13,488	20	22.2	74	385,251	18	21.7	71
Eng 9, Eng 10, Eng 11, Eng 12	37,708	55	20.3	63	1,436,604	69	20.4	63
Less than 4 years of English	6,255	9	16.1	36	121,175	6	15.8	34
Zero years / no English courses reported	10,995	16	16.5	39	147,312	7	16.6	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,305	3	24.0	69	125,390	6	23.2	63
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,760	8	22.4	61	163,212	8	21.6	52
Alg 1, Alg 2, Geom, & Trig	3,085	5	19.2	29	126,596	6	18.9	27
Alg 1, Alg 2, Geom, & Other Adv Math	12,260	18	19.9	35	379,347	18	19.3	30
Other comb of 4 or more years of Math	13,961	20	23.8	67	689,169	33	23.6	64
Alg 1, Alg 2, & Geom	11,378	17	17.0	10	243,569	12	16.8	10
Other comb of 3 or 3.5 years of Math	1,996	3	19.7	33	107,638	5	19.5	32
Less than 3 years of Math	6,271	9	15.9	5	101,097	5	16.1	8
Zero years / no Math courses reported	11,430	17	17.5	17	154,324	7	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	3,304	5	21.5	46	51,783	2	22.1	50
Other comb of 4 or more years Social Science	19,173	28	22.4	52	979,530	47	22.3	51
US Hist, World Hist, & Am Gov	11,724	17	19.2	31	120,501	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	16,965	25	21.7	47	555,590	27	21.4	45
Less than 3 years of Social Science	5,973	9	19.0	30	229,685	11	19.2	32
Zero years / no Social Science courses reported	11,307	17	18.1	24	153,253	7	18.2	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	17,021	25	22.3	48	844,557	40	22.1	46
Bio, Chem, Phys	6,721	10	22.5	47	233,024	11	23.0	52
Gen Sci ¹ , Bio, Chem	17,401	25	20.7	33	542,380	26	20.0	29
Other comb of 3 years of Natural Science	2,143	3	19.5	25	59,600	3	19.0	23
Less than 3 years of Natural Science	13,802	20	18.6	18	255,155	12	18.0	17
Zero years / no Natural Science courses reported	11,358	17	18.0	17	155,626	7	18.0	19

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 68,446

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
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	13,488	20	22.2	74	5,517	16	21.7	71	7,834	23	22.6	77
Eng 9, Eng 10, Eng 11, Eng 12	37,708	55	20.3	63	18,600	56	20.0	61	18,511	55	20.8	66
Less than 4 years of English	6,255	9	16.1	36	3,409	10	15.6	32	2,642	8	16.8	41
Zero years / no English courses reported	10,995	16	16.5	39	5,941	18	16.0	36	4,426	13	17.3	43
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,305	3	24.0	69	1,130	3	24.6	72	1,149	3	23.5	66
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,760	8	22.4	61	2,262	7	22.9	65	3,431	10	22.1	58
Alg 1, Alg 2, Geom, & Trig	3,085	5	19.2	29	1,414	4	19.5	33	1,618	5	19.0	26
Alg 1, Alg 2, Geom, & Other Adv Math	12,260	18	19.9	35	4,816	14	20.2	38	7,286	22	19.8	33
Other comb of 4 or more years of Math	13,961	20	23.8	67	7,359	22	24.4	70	6,498	19	23.2	63
Alg 1, Alg 2, & Geom	11,378	17	17.0	10	5,740	17	17.3	12	5,366	16	16.8	8
Other comb of 3 or 3.5 years of Math	1,996	3	19.7	33	1,060	3	19.7	33	907	3	19.7	33
Less than 3 years of Math	6,271	9	15.9	5	3,493	10	15.9	5	2,572	8	15.8	5
Zero years / no Math courses reported	11,430	17	17.5	17	6,193	19	17.6	18	4,586	14	17.6	17
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	3,304	5	21.5	46	1,844	6	21.3	45	1,372	4	22.0	49
Other comb of 4 or more years Social Science	19,173	28	22.4	52	8,745	26	22.2	52	10,278	31	22.6	53
US Hist, World Hist, & Am Gov	11,724	17	19.2	31	6,201	19	19.1	30	5,213	16	19.6	32
Other comb of 3 or 3.5 years of Social Science	16,965	25	21.7	47	7,305	22	21.5	46	9,394	28	22.0	48
Less than 3 years of Social Science	5,973	9	19.0	30	3,234	10	18.6	28	2,624	8	19.6	34
Zero years / no Social Science courses reported	11,307	17	18.1	24	6,138	18	17.6	22	4,532	14	18.8	27
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ¹ , Bio, Chem, & Phys	17,021	25	22.3	48	8,766	26	22.7	51	8,064	24	21.9	44
Bio, Chem, Phys	6,721	10	22.5	47	3,289	10	23.0	51	3,370	10	22.0	44
Gen Sci ² , Bio, Chem	17,401	25	20.7	33	7,184	21	20.6	34	9,852	29	20.8	34
Other comb of 3 years of Natural Science	2,143	3	19.5	25	1,237	4	20.0	30	874	3	18.8	19
Less than 3 years of Natural Science	13,802	20	18.6	18	6,834	20	18.3	17	6,687	20	19.0	20
Zero years / no Natural Science courses reported	11,358	17	18.0	17	6,157	18	18.0	18	4,566	14	18.1	16

¹Includes 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: 68,446

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 ¹	Percent ²	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	1,385	2	19.4	215	4	16.4	1,102	2	20.1
Architecture	567	1	20.3	57	1	16.4	472	1	20.9
Area, Ethnic, & Multidisciplinary Studies	66	0	22.1	3	0	16.7	59	0	22.7
Arts: Visual & Performing	4,055	6	20.0	488	9	16.5	3,247	7	20.8
Business	5,122	7	21.2	409	7	16.7	4,447	10	21.8
Communications	1,074	2	21.7	31	1	16.8	983	2	22.0
Community, Family, & Personal Services	2,267	3	17.9	574	10	16.2	1,500	3	18.8
Computer Science & Mathematics	2,010	3	22.8	160	3	17.7	1,746	4	23.4
Education	3,649	5	20.6	148	3	16.1	3,369	7	20.9
Engineering	3,905	6	23.5	311	5	16.1	3,392	7	24.4
Engineering Technology & Drafting	903	1	19.4	208	4	15.9	617	1	20.8
English & Foreign Languages	603	1	23.8	25	0	18.2	545	1	24.3
Health Administration & Assisting	1,320	2	18.3	176	3	15.7	1,054	2	18.9
Health Sciences & Technologies	10,832	16	21.1	586	10	16.8	9,761	22	21.5
Philosophy, Religion, & Theology	317	0	21.5	17	0	17.3	278	1	22.0
Repair, Production, & Construction	1,560	2	16.9	900	16	16.4	492	1	18.0
Sciences: Biological & Physical	2,795	4	23.6	63	1	17.9	2,623	6	23.9
Social Sciences & Law	3,885	6	21.3	137	2	16.8	3,552	8	21.6
Undecided	6,819	10	21.7	518	9	16.5	5,265	12	22.7
No Response	15,036	22	17.4	521	9	15.0	726	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).

Total Students in Report: 68,446

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	1,900	16.0	239	13.8	26	14.9	1,286	16.5	113	15.6
2-yr College Degree	3,760	16.4	528	14.5	23	15.7	2,538	16.9	224	15.9
Bachelors Degree	26,342	20.5	3,038	16.7	125	18.9	19,099	21.3	1,370	18.9
Graduate Study	8,068	23.7	733	18.9	29	22.4	6,023	24.4	348	22.2
Prof. Level Degree	10,946	23.2	1,363	19.0	48	20.6	7,360	24.1	608	21.6
Other	1,500	16.7	171	15.0	18	15.1	1,002	17.0	92	15.6
No Response	15,930	17.8	2,137	14.9	126	15.6	9,736	18.4	919	16.5

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	1,900	16.0	15	17.1	7	14.7	61	16.0	153	15.6
2-yr College Degree	3,760	16.4	25	16.2	9	14.6	135	16.7	278	16.0
Bachelors Degree	26,342	20.5	367	21.3	42	17.7	1,118	20.0	1,183	19.7
Graduate Study	8,068	23.7	176	24.8	11	18.3	355	22.9	393	22.9
Prof. Level Degree	10,946	23.2	446	26.3	18	21.5	544	22.2	559	23.0
Other	1,500	16.7	14	20.0	3	14.3	60	17.3	140	16.6
No Response	15,930	17.8	203	20.3	61	16.0	636	18.2	2,112	18.3

Total Students in Report: 68,446

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
UNIV OF MISSOURI-COLUMBIA	Missouri	13,679	5,251	8,428	1	8	20	31	25	13	2
MISSOURI STATE UNIVERSITY	Missouri	12,710	4,509	8,201	2	10	27	33	20	7	0
UNIVERSITY OF CENTRAL MISSOURI	Missouri	5,323	1,794	3,529	2	12	33	32	17	5	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	4,408	1,244	3,164	2	11	24	27	22	12	1
SOUTHEAST MISSOURI STATE UNIVERSITY	Missouri	4,112	1,374	2,738	2	12	31	32	16	6	0
STATE-NO COLLEGE PLANS	Iowa	3,823	3,823	0	16	41	28	11	3	0	0
NORTHWEST MISSOURI ST UNIV	Missouri	3,577	1,112	2,465	2	12	31	32	18	5	0
MISSOURI UNIV OF SCIENCE & TECHNOLOGY	Missouri	3,279	1,510	1,769	1	5	13	22	29	25	5
TRUMAN STATE UNIVERSITY	Missouri	3,230	887	2,343	1	5	17	27	29	19	3
LINDENWOOD UNIVERSITY	Missouri	2,652	822	1,830	3	15	30	31	16	6	0
SAINT LOUIS UNIVERSITY	Missouri	2,611	613	1,998	3	10	20	22	25	18	3
UNIVERSITY OF MISSOURI-ST LOUIS	Missouri	2,483	510	1,973	3	14	30	28	18	7	1
OZARKS TECHNICAL COMMUNITY COLLEGE	Missouri	2,207	889	1,318	4	21	37	26	9	2	0
MISSOURI WESTERN STATE UNIVERSITY	Missouri	2,193	790	1,403	3	18	35	28	12	3	0
MISSOURI SOUTHERN STATE UNIV	Missouri	2,094	740	1,354	2	16	35	30	13	4	0
UNIVERSITY OF KANSAS	Kansas	2,017	603	1,414	2	9	20	28	25	14	2
UNIVERSITY OF ARKANSAS	Arkansas	1,806	572	1,234	1	4	15	30	32	17	1
COLLEGE OF THE OZARKS	Missouri	1,756	769	987	1	10	33	32	18	6	0
DRURY UNIVERSITY	Missouri	1,750	392	1,358	2	10	27	30	21	9	1
WASHINGTON UNIVERSITY IN ST LOUIS	Missouri	1,609	387	1,222	2	5	14	17	21	30	10
NCAA ELIGIBILITY CENTER	Indiana	1,542	652	890	2	13	26	31	19	9	1
STATE TECHNICAL COLLEGE OF MISSOURI	Missouri	1,433	758	675	6	32	38	20	4	0	0
COLUMBIA COLLEGE	Missouri	1,275	388	887	4	17	34	28	13	4	0
STATE FAIR COMMUNITY COLLEGE	Missouri	1,230	564	666	4	22	39	24	9	2	0
CROWDER COLLEGE	Missouri	1,219	545	674	5	22	39	24	8	2	0
LINCOLN UNIVERSITY	Missouri	1,154	307	847	9	35	36	15	4	1	0
KANSAS STATE UNIVERSITY	Kansas	1,116	314	802	2	10	22	28	24	13	1
MARYVILLE UNIV OF SAINT LOUIS	Missouri	1,100	310	790	2	10	26	27	24	9	1
WEBSTER UNIVERSITY	Missouri	1,100	292	808	3	12	26	29	20	10	1
PITTSBURG STATE UNIVERSITY	Kansas	1,057	309	748	3	14	33	29	17	5	0
All Other Institutions		75,853	21,249	54,604	4	17	28	24	16	10	2
Total		165,398	54,279	111,119	3	15	27	26	17	10	2

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: 68,446

Table 5.1. Average ACT Writing and English/Language Arts Scores by Race/Ethnicity and Gender for students who took ACT Writing¹

	Average ACT Scores									
	N		Writing		English		Reading		English / Language Arts	
	State	National	State	National	State	National	State	National	State	National
All Students	5,049	519,922	18.8	19.3	23.3	21.8	23.6	22.9	21.9	21.3
Black/African American	841	67,101	15.2	16.2	18.0	17.6	18.9	19.1	17.3	17.6
American Indian/Alaska Native	18	3,056	18.7	16.1	23.2	17.6	23.4	19.3	21.8	17.7
White	3,040	234,063	19.7	20.4	24.7	23.9	24.9	24.7	23.1	23.0
Hispanic/Latino	302	116,135	17.9	17.8	20.9	18.8	21.8	20.3	20.2	19.0
Asian	251	44,606	21.5	21.5	26.1	24.5	25.3	24.7	24.3	23.6
Native Hawaiian/Other Pac. Isl.	13	1,742	14.5	19.3	19.7	20.6	20.7	21.4	18.4	20.4
Two or More Races	258	21,475	18.8	19.9	22.7	22.6	23.5	23.6	21.7	22.0
Prefer not/No Response	326	31,744	19.7	19.9	24.7	22.8	24.8	23.8	23.1	22.2
Males	2,184	220,204	18.6	18.9	23.4	21.9	23.9	22.9	22.0	21.2
Females	2,865	298,512	19.0	19.6	23.2	21.8	23.4	22.8	21.9	21.4
No Response	0	1,206	.	16.3	.	16.8	.	19.0	.	17.3

¹Results 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 Writing¹

	Average ACT Scores							
	N		English		Writing		English / Writing Combined	
	State	National	State	National	State	National	State	National
All Students	36,048	754,169	17.6	19.6	5.4	6.2	16.3	18.6
Black/African American	3,782	85,940	13.5	14.6	4.6	5.1	12.5	13.9
American Indian/Alaska Native	273	5,558	15.1	15.2	4.7	5.0	13.8	14.2
White	24,561	407,944	18.4	21.4	5.6	6.5	17.1	20.2
Hispanic/Latino	2,028	115,338	16.1	17.1	5.3	6.0	15.1	16.5
Asian	423	30,233	22.0	23.2	6.7	7.1	20.7	22.0
Native Hawaiian/Other Pac. Isl.	109	3,063	14.5	15.9	5.0	5.6	13.6	15.3
Two or More Races	1,608	32,453	17.9	19.6	5.5	6.2	16.7	18.5
Prefer not/No Response	3,264	73,640	16.9	18.8	5.1	6.0	15.5	17.7
Males	19,007	367,696	17.1	19.2	5.0	5.9	15.6	18.0
Females	15,525	356,634	18.3	20.3	6.0	6.6	17.4	19.4
No Response	1,516	29,839	16.6	16.7	5.0	5.5	15.3	15.8

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

