



# Profile Report - State

Graduating Class 2016

Ohio



## 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

33% 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:** 93,659 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. 80% 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 2% of the cohort took less than three years of math courses. Of these students, 11% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 54% 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 10% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 49% 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 43% 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

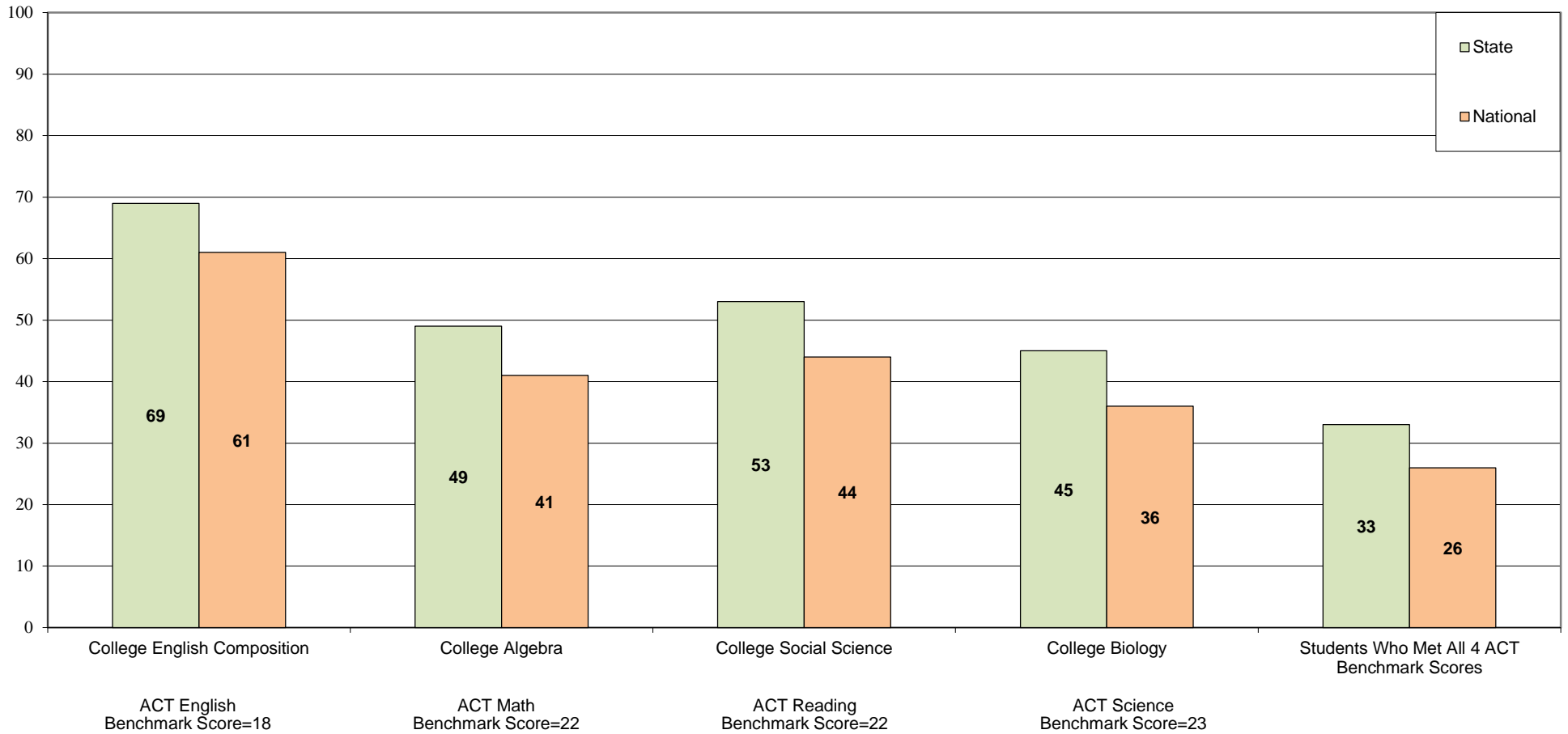
## Executive Summary

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: 93,659

**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	92,121	1,666,017	71	67	49	46	58	52	34	31	28	25
2013	92,813	1,799,243	71	64	49	44	51	44	44	36	31	26
2014	91,089	1,845,787	72	64	50	43	52	44	45	37	32	26
2015	91,607	1,924,436	71	64	49	42	54	46	45	38	33	28
<b>2016</b>	<b>93,659</b>	<b>2,090,342</b>	<b>69</b>	<b>61</b>	<b>49</b>	<b>41</b>	<b>53</b>	<b>44</b>	<b>45</b>	<b>36</b>	<b>33</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	92,121	1,666,017	21.1	20.5	21.5	21.1	22.1	21.3	21.8	20.9	21.8	21.1
2013	92,813	1,799,243	21.2	20.2	21.5	20.9	22.2	21.1	21.8	20.7	21.8	20.9
2014	91,089	1,845,787	21.4	20.3	21.7	20.9	22.4	21.3	22.0	20.8	22.0	21.0
2015	91,607	1,924,436	21.4	20.4	21.7	20.8	22.5	21.4	22.1	20.9	22.0	21.0
<b>2016</b>	<b>93,659</b>	<b>2,090,342</b>	<b>21.2</b>	<b>20.1</b>	<b>21.6</b>	<b>20.6</b>	<b>22.5</b>	<b>21.3</b>	<b>22.0</b>	<b>20.8</b>	<b>22.0</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: 93,659

**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	75,197	16,111	82	17	21.8	18.1	22.2	18.8	22.7	19.6	22.3	19.4	22.4	19.1
2013	74,674	14,915	80	16	22.0	18.2	22.3	18.8	22.9	19.7	22.4	19.4	22.5	19.1
2014	74,060	13,932	81	15	22.1	18.4	22.4	19.1	23.0	20.0	22.6	19.7	22.7	19.4
2015	74,019	13,918	81	15	22.1	18.5	22.4	19.1	23.2	20.1	22.7	19.7	22.7	19.5
<b>2016</b>	<b>74,649</b>	<b>14,685</b>	<b>80</b>	<b>16</b>	<b>22.0</b>	<b>18.3</b>	<b>22.3</b>	<b>19.0</b>	<b>23.2</b>	<b>20.1</b>	<b>22.7</b>	<b>19.7</b>	<b>22.7</b>	<b>19.4</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>92,121</b>	<b>100</b>	<b>21.8</b>	<b>92,813</b>	<b>100</b>	<b>21.8</b>	<b>91,089</b>	<b>100</b>	<b>22.0</b>	<b>91,607</b>	<b>100</b>	<b>22.0</b>	<b>93,659</b>	<b>100</b>	<b>22.0</b>
Black/African American	11,256	12	17.1	10,894	12	17.2	10,296	11	17.4	10,333	11	17.5	10,897	12	17.5
American Indian/Alaska Native	242	0	19.6	211	0	19.7	185	0	20.0	196	0	19.5	212	0	19.0
White	68,715	75	22.6	67,959	73	22.6	66,313	73	22.8	66,162	72	22.9	66,497	71	22.8
Hispanic/Latino	3,308	4	20.1	3,378	4	20.3	3,562	4	20.4	3,723	4	20.6	4,160	4	20.5
Asian	1,756	2	24.4	1,816	2	24.2	1,953	2	24.5	1,992	2	24.3	2,258	2	24.5
Native Hawaiian/Other Pacific Islander	75	0	21.7	71	0	20.4	73	0	21.7	77	0	20.8	76	0	21.0
Two or more races	3,315	4	20.8	3,515	4	20.9	3,539	4	21.2	3,741	4	21.1	4,013	4	21.0
Prefer not to respond/No response	3,454	4	22.4	4,969	5	21.7	5,168	6	21.6	5,383	6	21.4	5,546	6	21.2

Total Students in Report: 93,659

**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	92,121	1,666,017	21.9	21.3	22	20	28.5	28.7	28.0	27.9
2013	92,813	1,799,243	21.9	21.1	23	19	28.4	28.7	28.2	28.0
2014	91,089	1,845,787	22.1	21.1	24	20	28.5	28.7	28.4	28.3
2015	91,607	1,924,436	22.1	21.1	25	20	28.4	28.7	28.4	28.4
<b>2016</b>	<b>93,659</b>	<b>2,090,342</b>	<b>22.1</b>	<b>20.9</b>	<b>24</b>	<b>20</b>	<b>28.5</b>	<b>28.7</b>	<b>28.6</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>	29,904	485,762	32	23	17.3	17.0	22,826	322,548	24	15	23.5	23.6	14,033	235,380	15	11	30.1	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: 93,659

**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	89,149	95	21.4	21.7	22.7	22.2	22.1
	Extended Time	4,510	5	17.4	18.6	20.1	19.3	19.0
	Total	93,659	100	21.2	21.6	22.5	22.0	22.0
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	70	50	54	46	33
	Extended Time	45	25	37	28	18
	Total	69	49	53	45	33
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: 93,659

**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	493	100	345	100	872	100	754	100	119	100	316	100	36
35	1,957	99	692	99	1,513	99	796	99	532	99	626	99	35
34	1,395	97	829	99	1,913	97	1,090	98	913	99	801	99	34
33	1,686	96	920	98	2,703	95	1,333	97	1,215	98	982	98	33
32	1,438	94	985	97	2,879	93	1,371	96	1,602	97	1,317	97	32
31	1,890	93	1,179	96	2,632	89	1,197	94	1,956	95	1,661	96	31
30	1,842	91	1,591	95	3,314	87	1,541	93	2,369	93	1,898	94	30
29	1,911	89	2,500	93	2,668	83	2,253	91	2,799	91	2,440	92	29
28	3,059	87	4,064	90	3,090	80	2,552	89	3,441	88	3,158	89	28
27	2,808	83	4,709	86	3,317	77	2,970	86	4,142	84	4,133	86	27
26	3,666	80	5,835	81	4,003	73	4,122	83	4,504	80	5,280	81	26
25	4,749	76	4,862	75	3,682	69	6,732	79	5,311	75	6,166	76	25
24	5,327	71	6,794	70	4,797	65	7,982	71	5,705	69	6,495	69	24
23	5,800	66	5,400	62	6,190	60	7,167	63	6,224	63	6,460	62	23
22	5,676	59	4,913	57	6,157	53	8,554	55	6,535	56	6,249	55	22
21	6,053	53	4,355	51	6,637	47	5,836	46	6,723	49	6,413	49	21
20	6,246	47	3,830	47	5,552	40	7,752	40	6,792	42	6,736	42	20
19	4,366	40	5,529	43	6,052	34	6,875	32	6,298	35	7,401	35	19
18	4,221	36	7,031	37	5,164	27	5,351	24	6,298	28	7,096	27	18
17	3,920	31	8,698	29	4,274	22	4,414	19	5,560	22	6,137	19	17
16	5,556	27	9,158	20	3,605	17	4,187	14	4,910	16	4,880	13	16
15	5,597	21	5,589	10	3,984	14	2,799	9	3,699	10	3,326	7	15
14	4,197	15	2,390	4	2,637	9	1,955	6	2,752	6	1,998	4	14
13	2,560	10	973	2	2,469	6	1,542	4	1,845	3	1,085	2	13
12	1,912	8	332	1	1,907	4	1,072	3	930	2	403	1	12
11	2,307	6	112	1	846	2	721	2	337	1	135	1	11
10	1,474	3	23	1	413	1	387	1	92	1	39	1	10
9	741	2	11	1	207	1	188	1	30	1	13	1	9
8	471	1	3	1	71	1	92	1	17	1	11	1	8
7	205	1	2	1	57	1	27	1	4	1	0	1	7
6	83	1	2	1	28	1	23	1	2	1	2	1	6
5	29	1	2	1	16	1	17	1	2	1	1	1	5
4	15	1	0	1	6	1	3	1	1	1	1	1	4
3	5	1	1	1	0	1	2	1	0	1	0	1	3
2	1	1	0	1	4	1	0	1	0	1	0	1	2
1	3	1	0	1	0	1	2	1	0	1	0	1	1
Avg (SD)	21.2 (6.3)		21.6 (5.2)		22.5 (6.2)		22.0 (5.2)		22.0 (5.2)		22.1 (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: 93,659

**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	3,476	100	1,228	100	3,083	100	4,036	100	2,873	100	830	100	1,083	100	18
17	5,006	96	2,094	99	5,701	97	5,642	96	4,220	97	1,062	99	128	99	17
16	3,891	91	5,667	96	6,504	91	6,932	90	5,341	92	2,953	98	4,087	99	16
15	4,483	87	7,052	90	5,127	84	6,839	82	5,907	87	5,627	95	5,633	94	15
14	4,339	82	7,362	83	9,592	78	5,815	75	7,433	80	7,919	89	9,180	88	14
13	6,225	77	7,516	75	6,881	68	7,318	69	9,331	72	9,102	80	8,754	79	13
12	7,559	71	10,747	67	10,648	61	8,339	61	9,324	63	13,294	71	9,302	69	12
11	9,215	63	8,648	56	8,556	49	8,075	52	8,390	53	10,252	56	10,565	59	11
10	10,188	53	9,898	46	9,588	40	9,112	43	7,015	44	13,360	46	13,970	48	10
9	8,839	42	9,880	36	8,446	30	7,534	34	8,764	36	11,652	31	11,919	33	9
8	8,055	32	8,995	25	8,596	21	7,464	26	8,901	27	8,077	19	8,942	20	8
7	6,726	24	5,220	16	5,358	12	5,369	18	9,246	17	4,718	10	4,434	11	7
6	6,240	17	3,993	10	2,955	6	5,305	12	3,951	7	2,081	5	1,843	6	6
5	4,890	10	3,044	6	1,570	3	3,654	6	1,944	3	1,560	3	2,082	4	5
4	2,844	5	1,565	2	631	1	1,525	2	732	1	316	1	598	2	4
3	1,170	2	634	1	120	1	557	1	216	1	634	1	707	1	3
2	446	1	103	1	243	1	133	1	58	1	56	1	168	1	2
1	67	1	13	1	60	1	10	1	13	1	166	1	264	1	1
Avg (SD)	10.5 (3.8)		10.9 (3.3)		11.6 (3.4)		11.3 (3.8)		11.2 (3.5)		11.0 (2.8)		10.9 (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)	25	26	27	25	26
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	16	17	18	19	18

Total Students in Report: 93,659

**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	<b>All Students</b>	<b>93,659</b>	<b>80</b>	<b>22.7</b>	<b>19.4</b>
	Black/African American	10,897	74	18.0	16.3
	American Indian/Alaska Native	212	71	20.1	17.0
	White	66,497	83	23.4	20.2
	Hispanic/Latino	4,160	75	21.3	18.2
	Asian	2,258	85	25.2	21.4
	Native Hawaiian/Other Pac. Isl.	76	66	22.1	18.9
	Two or More Races	4,013	79	21.7	18.8
	Prefer not/No Response	5,546	53	23.5	19.6
National	<b>All Students</b>	<b>2,090,342</b>	<b>69</b>	<b>21.9</b>	<b>18.7</b>
	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	<b>All Students</b>	<b>93,659</b>	<b>100</b>	21.2	21.6	22.5	22.0	22.0	22.1
	Black/African American	10,897	12	16.2	17.6	17.9	17.9	17.5	18.0
	American Indian/Alaska Native	212	0	17.6	19.0	19.5	19.3	19.0	19.4
	White	66,497	71	22.2	22.4	23.4	22.8	22.8	22.8
	Hispanic/Latino	4,160	4	19.4	20.1	21.1	20.7	20.5	20.6
	Asian	2,258	2	23.6	25.4	24.0	24.5	24.5	25.2
	Native Hawaiian/Other Pac. Isl.	76	0	19.6	20.6	22.4	20.9	21.0	21.0
	Two or More Races	4,013	4	20.1	20.6	21.7	21.2	21.0	21.1
	Prefer not/No Response	5,546	6	20.3	20.8	22.0	21.3	21.2	21.3
National	<b>All Students</b>	<b>2,090,342</b>	<b>100</b>	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: 93,659

**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	43,145	79	23.1	19.6
	Females	50,187	80	22.4	19.3
	No Response	327	17	17.3	16.2
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	43,145	46	21.1	22.3	22.5	22.6	22.3	22.7
	Females	50,187	54	21.3	21.0	22.6	21.5	21.7	21.5
	No Response	327	0	15.0	16.7	16.4	16.8	16.4	17.0
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: 93,659

**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	5,531	6	2,786	3	7,001	7	3,973	4
	28 to 32	10,140	11	10,319	11	14,583	16	8,914	10
	24 to 27	16,550	18	22,200	24	15,799	17	21,806	23
	20 to 23	23,775	25	18,498	20	24,536	26	29,309	31
	16 to 19	18,063	19	30,416	32	19,095	20	20,827	22
	13 to 15	12,354	13	8,952	10	9,090	10	6,296	7
	01 to 12	7,246	8	488	1	3,555	4	2,534	3
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	68	54	53	50	36
	Females	70	44	53	41	30
	No Response	27	11	15	13	6
National	Males	59	44	43	39	28
	Females	64	39	47	34	25
	No Response	39	21	24	18	11

Total Students in Report: 93,659

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

Student Group	N	English	Mathematics	Reading	Science	All Four	STEM	
		Benchmark=18 %	Benchmark=22 %	Benchmark=22 %	Benchmark=23 %	Benchmark=23 %	Benchmark=26 %	
<b>State</b>	<b>All Students</b>	<b>93,659</b>	<b>69</b>	<b>49</b>	<b>53</b>	<b>45</b>	<b>33</b>	<b>24</b>
	Black/African American	10,897	35	16	21	13	7	4
	American Indian/Alaska Native	212	48	28	34	30	14	8
	White	66,497	76	55	60	51	38	28
	Hispanic/Latino	4,160	57	37	43	33	23	16
	Asian	2,258	75	72	60	61	50	48
	Native Hawaiian/Other Pac. Isl	76	58	42	51	34	24	16
	Two or More Races	4,013	62	40	47	37	25	17
	Prefer Not to Respond	5,546	60	42	48	41	30	23
<b>National</b>	<b>All Students</b>	<b>2,090,342</b>	<b>61</b>	<b>41</b>	<b>44</b>	<b>36</b>	<b>26</b>	<b>20</b>
	Black/African American	272,363	33	13	19	11	6	3
	American Indian/Alaska Native	16,183	37	18	25	16	9	6
	White	1,119,398	73	50	55	46	34	25
	Hispanic/Latino	337,280	46	27	30	21	14	9
	Asian	93,493	75	70	59	56	46	44
	Native Hawaiian/Other Pac. Isl	6,797	45	29	30	23	16	11
	Two or More Races	85,494	64	40	46	36	26	19
	Prefer Not to Respond	159,334	55	36	40	32	24	19

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

Student Group	Progress Toward NCRC <sup>2</sup> Level	N		Average Composite
		N	%	
<b>State</b>	Gold	73,478	78	23.8
	Silver	16,921	18	15.8
	Bronze	2,775	3	12.7
	Needs Improvement	485	1	10.5
<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).

Total Students in Report: 93,659

**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>	74,649	74	22.0	55	22.3	58	23.2	50	22.7	37	22.7	28	22.8
	Less than Core	14,685	50	18.3	26	19.0	35	20.1	25	19.7	15	19.4	10	19.6
	Missing <sup>3</sup>	4,325	39	16.7	22	18.1	31	19.1	24	18.7	15	18.3	11	18.6
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>	87,346	71	21.5	87,648	51	21.9	85,191	55	22.8	79,900	49	22.6
	Less than Core	2,187	49	18.0	1,804	11	17.1	4,261	41	20.9	9,546	18	18.8
	Missing <sup>3</sup>	4,126	40	16.8	4,207	22	18.1	4,207	32	19.1	4,213	25	18.8
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: 93,659

**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	21,167	23	22.4	76	385,251	18	21.7	71
Eng 9, Eng 10, Eng 11, Eng 12	66,179	71	21.2	69	1,436,604	69	20.4	63
Less than 4 years of English	2,187	2	18.0	49	121,175	6	15.8	34
Zero years / no English courses reported	4,126	4	16.8	40	147,312	7	16.6	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	5,595	6	23.9	69	125,390	6	23.2	63
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,716	8	21.6	52	163,212	8	21.6	52
Alg 1, Alg 2, Geom, & Trig	5,179	6	19.6	32	126,596	6	18.9	27
Alg 1, Alg 2, Geom, & Other Adv Math	20,172	22	19.7	33	379,347	18	19.3	30
Other comb of 4 or more years of Math	36,831	39	24.1	69	689,169	33	23.6	64
Alg 1, Alg 2, & Geom	7,649	8	17.6	14	243,569	12	16.8	10
Other comb of 3 or 3.5 years of Math	4,506	5	20.8	43	107,638	5	19.5	32
Less than 3 years of Math	1,804	2	17.1	11	101,097	5	16.1	8
Zero years / no Math courses reported	4,207	4	18.1	22	154,324	7	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	4,487	5	22.8	55	51,783	2	22.1	50
Other comb of 4 or more years Social Science	43,842	47	23.3	59	979,530	47	22.3	51
US Hist, World Hist, & Am Gov	10,832	12	20.7	40	120,501	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	26,030	28	22.7	54	555,590	27	21.4	45
Less than 3 years of Social Science	4,261	5	20.9	41	229,685	11	19.2	32
Zero years / no Social Science courses reported	4,207	4	19.1	32	153,253	7	18.2	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	47,617	51	23.4	56	844,557	40	22.1	46
Bio, Chem, Phys	5,874	6	25.5	74	233,024	11	23.0	52
Gen Sci <sup>1</sup> , Bio, Chem	24,434	26	20.5	30	542,380	26	20.0	29
Other comb of 3 years of Natural Science	1,975	2	19.7	25	59,600	3	19.0	23
Less than 3 years of Natural Science	9,546	10	18.8	18	255,155	12	18.0	17
Zero years / no Natural Science courses reported	4,213	4	18.8	25	155,626	7	18.0	19

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

Total Students in Report: 93,659

**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	21,167	23	22.4	76	8,730	20	22.2	75	12,430	25	22.5	77
Eng 9, Eng 10, Eng 11, Eng 12	66,179	71	21.2	69	31,185	72	21.2	69	34,896	70	21.2	69
Less than 4 years of English	2,187	2	18.0	49	1,050	2	17.9	47	1,106	2	18.3	52
Zero years / no English courses reported	4,126	4	16.8	40	2,180	5	16.5	40	1,755	3	17.3	41
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	5,595	6	23.9	69	2,645	6	24.7	75	2,940	6	23.2	64
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,716	8	21.6	52	3,003	7	22.1	57	4,705	9	21.3	49
Alg 1, Alg 2, Geom, & Trig	5,179	6	19.6	32	2,250	5	20.1	38	2,914	6	19.2	28
Alg 1, Alg 2, Geom, & Other Adv Math	20,172	22	19.7	33	7,937	18	20.1	37	12,190	24	19.4	30
Other comb of 4 or more years of Math	36,831	39	24.1	69	18,761	43	24.8	74	18,055	36	23.3	64
Alg 1, Alg 2, & Geom	7,649	8	17.6	14	3,372	8	18.0	17	4,258	8	17.3	11
Other comb of 3 or 3.5 years of Math	4,506	5	20.8	43	2,157	5	21.1	46	2,343	5	20.4	40
Less than 3 years of Math	1,804	2	17.1	11	810	2	17.6	14	980	2	16.7	9
Zero years / no Math courses reported	4,207	4	18.1	22	2,210	5	18.2	22	1,802	4	18.2	23
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	4,487	5	22.8	55	2,325	5	22.9	56	2,158	4	22.7	54
Other comb of 4 or more years Social Science	43,842	47	23.3	59	20,073	47	23.3	58	23,736	47	23.3	59
US Hist, World Hist, & Am Gov	10,832	12	20.7	40	5,081	12	20.9	42	5,721	11	20.6	38
Other comb of 3 or 3.5 years of Social Science	26,030	28	22.7	54	11,389	26	22.7	54	14,611	29	22.8	54
Less than 3 years of Social Science	4,261	5	20.9	41	2,059	5	21.1	42	2,174	4	20.8	41
Zero years / no Social Science courses reported	4,207	4	19.1	32	2,218	5	19.0	31	1,787	4	19.6	34
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	47,617	51	23.4	56	23,085	54	24.1	62	24,498	49	22.7	51
Bio, Chem, Phys	5,874	6	25.5	74	2,948	7	26.1	77	2,925	6	25.0	71
Gen Sci <sup>2</sup> , Bio, Chem	24,434	26	20.5	30	9,544	22	20.8	33	14,852	30	20.4	29
Other comb of 3 years of Natural Science	1,975	2	19.7	25	1,153	3	20.3	30	815	2	18.9	19
Less than 3 years of Natural Science	9,546	10	18.8	18	4,199	10	19.0	19	5,295	11	18.7	17
Zero years / no Natural Science courses reported	4,213	4	18.8	25	2,216	5	18.9	26	1,802	4	18.8	24

<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: 93,659

**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	1,121	1	20.4	188	5	17.9	883	1	21.0
Architecture	910	1	21.9	20	0	17.1	833	1	22.2
Area, Ethnic, & Multidisciplinary Studies	81	0	22.3	6	0	14.2	67	0	22.8
Arts: Visual & Performing	5,343	6	21.4	319	8	17.2	4,611	6	21.8
Business	9,428	10	21.5	504	12	17.2	8,434	10	21.9
Communications	1,604	2	21.6	53	1	17.8	1,483	2	21.8
Community, Family, & Personal Services	1,748	2	18.9	197	5	16.6	1,449	2	19.4
Computer Science & Mathematics	3,286	4	23.4	155	4	18.5	2,901	4	23.7
Education	5,167	6	21.2	103	3	17.2	4,857	6	21.4
Engineering	7,941	8	24.7	179	4	17.8	7,353	9	24.9
Engineering Technology & Drafting	1,073	1	20.9	100	2	17.5	909	1	21.5
English & Foreign Languages	967	1	24.1	21	1	19.0	897	1	24.3
Health Administration & Assisting	3,117	3	19.1	283	7	16.9	2,638	3	19.5
Health Sciences & Technologies	16,886	18	21.8	633	16	17.6	15,543	19	22.0
Philosophy, Religion, & Theology	382	0	22.3	12	0	18.3	341	0	22.6
Repair, Production, & Construction	522	1	18.2	224	6	17.9	252	0	18.8
Sciences: Biological & Physical	5,965	6	24.3	61	2	18.0	5,598	7	24.4
Social Sciences & Law	6,567	7	21.9	167	4	17.6	6,022	7	22.2
Undecided	17,751	19	22.3	721	18	17.6	15,146	19	22.7
No Response	3,740	4	18.3	76	2	14.2	237	0	17.9

<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: 93,659

**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	802	17.3	187	14.6	3	19.0	487	18.6	41	15.5
2-yr College Degree	3,241	17.4	456	14.9	6	14.2	2,325	18.2	164	16.3
Bachelors Degree	49,672	21.2	5,157	17.1	115	19.3	37,816	21.9	2,067	19.9
Graduate Study	13,504	24.7	1,073	19.7	23	19.7	10,431	25.3	485	23.2
Prof. Level Degree	17,309	24.3	2,239	19.7	35	21.8	11,548	25.1	886	22.8
Other	1,030	19.0	164	15.3	4	13.3	625	20.2	61	17.3
No Response	8,101	20.0	1,621	15.9	26	15.4	3,265	22.7	456	17.8

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	802	17.3	18	16.9	1	15.0	24	17.2	41	16.3
2-yr College Degree	3,241	17.4	49	15.1	4	15.8	139	16.9	98	16.4
Bachelors Degree	49,672	21.2	728	21.7	43	19.8	2,141	20.2	1,605	21.1
Graduate Study	13,504	24.7	356	26.0	6	29.2	515	23.7	615	25.0
Prof. Level Degree	17,309	24.3	843	27.3	14	23.1	873	23.1	871	25.0
Other	1,030	19.0	34	21.4	1	15.0	59	18.6	82	18.9
No Response	8,101	20.0	230	24.0	7	22.1	262	18.5	2,234	19.2

Total Students in Report: 93,659

**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
OHIO STATE UNIVERSITY THE	Ohio	20,133	8,594	11,539	1	5	16	26	28	20	4
UNIVERSITY OF CINCINNATI	Ohio	12,976	4,575	8,401	1	6	20	29	26	16	2
OHIO UNIVERSITY	Ohio	11,800	3,455	8,345	0	4	22	36	26	11	1
KENT STATE UNIVERSITY	Ohio	11,435	3,827	7,608	2	10	29	33	19	7	0
BOWLING GREEN STATE UNIVERSITY	Ohio	8,407	2,583	5,824	1	8	28	34	20	8	1
UNIVERSITY OF AKRON	Ohio	8,056	2,536	5,520	2	11	29	30	19	8	1
MIAMI UNIVERSITY	Ohio	7,498	1,842	5,656	0	3	11	26	33	24	3
UNIVERSITY OF TOLEDO	Ohio	5,531	1,779	3,752	1	9	27	30	21	11	1
WRIGHT STATE UNIVERSITY	Ohio	5,179	1,739	3,440	1	10	29	30	19	9	1
CLEVELAND STATE UNIVERSITY	Ohio	4,114	1,404	2,710	3	14	31	29	17	6	1
UNIVERSITY OF DAYTON	Ohio	3,070	586	2,484	0	3	12	23	33	24	4
YOUNGSTOWN STATE UNIVERSITY	Ohio	2,665	1,157	1,508	2	12	32	31	18	5	1
NCAA ELIGIBILITY CENTER	Indiana	1,984	1,071	913	2	9	27	29	22	10	1
COLUMBUS STATE COMMUNITY COLLEGE	Ohio	1,982	788	1,194	3	18	33	27	13	5	1
UNIVERSITY OF KENTUCKY	Kentucky	1,953	407	1,546	0	5	17	31	29	17	2
CASE WESTERN RESERVE UNIV	Ohio	1,840	413	1,427	1	4	8	16	24	35	12
ASHLAND UNIVERSITY	Ohio	1,757	561	1,196	1	7	30	35	20	8	0
XAVIER UNIVERSITY-OH	Ohio	1,737	286	1,451	2	7	18	29	28	15	2
NORTHERN KENTUCKY UNIVERSITY	Kentucky	1,566	316	1,250	2	9	31	32	18	8	1
CAPITAL UNIVERSITY	Ohio	1,475	369	1,106	1	6	22	34	24	13	1
OTTERBEIN UNIVERSITY	Ohio	1,417	339	1,078	1	6	20	35	25	13	1
BALDWIN WALLACE UNIVERSITY	Ohio	1,414	388	1,026	2	8	22	31	25	11	1
SHAWNEE STATE UNIVERSITY	Ohio	1,369	581	788	1	13	36	31	15	4	0
OHIO NORTHERN UNIVERSITY	Ohio	1,311	331	980	0	3	15	29	31	19	3
UNIVERSITY OF FINDLAY THE	Ohio	1,263	362	901	0	5	21	33	28	12	1
UNIVERSITY OF MOUNT UNION	Ohio	1,258	353	905	1	7	26	33	25	8	1
SINCLAIR COMMUNITY COLLEGE	Ohio	1,093	369	724	2	16	36	31	11	4	0
JOHN CARROLL UNIVERSITY	Ohio	928	221	707	1	4	16	30	34	13	2
PURDUE UNIVERSITY	Indiana	915	181	734	0	1	5	13	26	43	12
UNIVERSITY OF MICHIGAN-ANN ARBOR	Michigan	886	182	704	0	3	9	13	21	40	13
All Other Institutions		70,049	19,030	51,019	2	10	24	26	20	15	4
<b>Total</b>		<b>197,061</b>	<b>60,625</b>	<b>136,436</b>	<b>1</b>	<b>8</b>	<b>23</b>	<b>28</b>	<b>22</b>	<b>14</b>	<b>3</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: 93,659

**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>31,872</b>	<b>519,922</b>	<b>18.4</b>	<b>19.3</b>	<b>20.9</b>	<b>21.8</b>	<b>22.3</b>	<b>22.9</b>	<b>20.5</b>	<b>21.3</b>
Black/African American	4,945	67,101	15.4	16.2	16.5	17.6	18.1	19.1	16.7	17.6
American Indian/Alaska Native	90	3,056	16.9	16.1	17.9	17.6	19.7	19.3	18.1	17.7
White	20,515	234,063	19.2	20.4	22.0	23.9	23.4	24.7	21.5	23.0
Hispanic/Latino	1,737	116,135	17.7	17.8	19.5	18.8	21.1	20.3	19.4	19.0
Asian	1,068	44,606	20.0	21.5	23.3	24.5	23.5	24.7	22.3	23.6
Native Hawaiian/Other Pac. Isl.	27	1,742	18.8	19.3	19.9	20.6	22.4	21.4	20.3	20.4
Two or More Races	1,537	21,475	18.3	19.9	20.2	22.6	21.8	23.6	20.1	22.0
Prefer not/No Response	1,953	31,744	17.7	19.9	20.4	22.8	22.1	23.8	20.0	22.2
Males	14,465	220,204	18.1	18.9	20.9	21.9	22.4	22.9	20.5	21.2
Females	17,406	298,512	18.7	19.6	20.8	21.8	22.2	22.8	20.6	21.4
No Response	1	1,206	23.0	16.3	15.0	16.8	14.0	19.0	17.0	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>16,827</b>	<b>754,169</b>	<b>22.9</b>	<b>19.6</b>	<b>6.7</b>	<b>6.2</b>	<b>21.4</b>	<b>18.6</b>
Black/African American	1,831	85,940	16.3	14.6	5.4	5.1	15.4	13.9
American Indian/Alaska Native	28	5,558	17.1	15.2	5.9	5.0	16.5	14.2
White	11,603	407,944	24.3	21.4	6.9	6.5	22.6	20.2
Hispanic/Latino	637	115,338	21.3	17.1	6.6	6.0	20.2	16.5
Asian	556	30,233	26.8	23.2	7.5	7.1	25.0	22.0
Native Hawaiian/Other Pac. Isl.	15	3,063	23.1	15.9	6.6	5.6	21.5	15.3
Two or More Races	719	32,453	21.3	19.6	6.4	6.2	19.9	18.5
Prefer not/No Response	1,438	73,640	21.0	18.8	6.3	6.0	19.6	17.7
Males	8,070	367,696	23.0	19.2	6.5	5.9	21.3	18.0
Females	8,479	356,634	23.2	20.3	6.9	6.6	21.8	19.4
No Response	278	29,839	15.1	16.7	4.9	5.5	14.0	15.8

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



