



# Profile Report - State

Graduating Class 2016

New York



## 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

47% 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:** 60,628 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. 77% 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, 15% were college ready. 2% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 70% 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 6% of the cohort took less than three years of natural science courses. 19% of these students were college ready. In comparison, 61% 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 25% 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

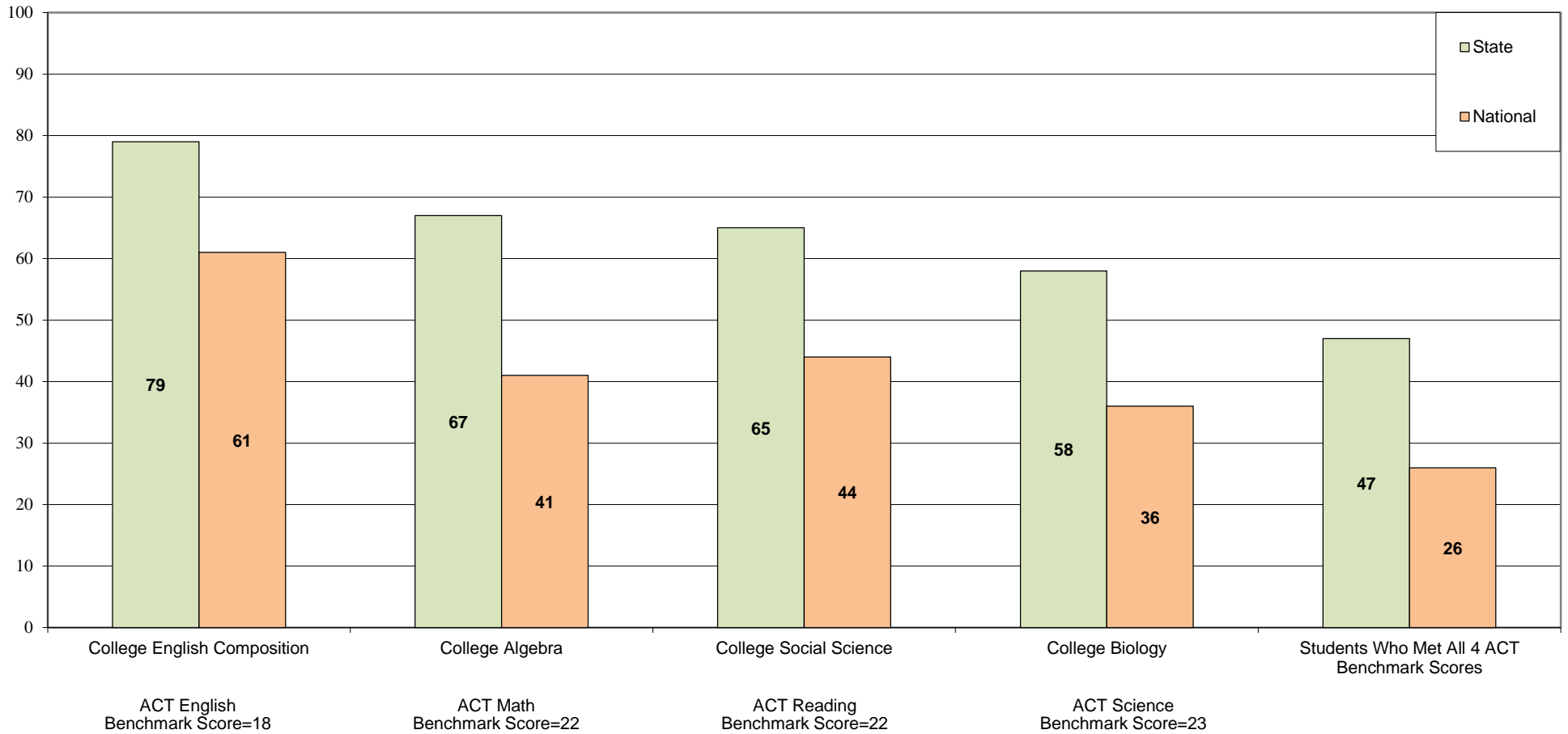
## Executive Summary

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: 60,628

**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	52,771	1,666,017	80	67	67	46	67	52	47	31	41	25
2013	53,287	1,799,243	80	64	68	44	61	44	54	36	43	26
2014	54,496	1,845,787	79	64	67	43	59	44	55	37	43	26
2015	58,136	1,924,436	79	64	66	42	63	46	59	38	46	28
<b>2016</b>	<b>60,628</b>	<b>2,090,342</b>	<b>79</b>	<b>61</b>	<b>67</b>	<b>41</b>	<b>65</b>	<b>44</b>	<b>58</b>	<b>36</b>	<b>47</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	52,771	1,666,017	22.7	20.5	23.7	21.1	23.4	21.3	23.1	20.9	23.3	21.1
2013	53,287	1,799,243	22.6	20.2	23.8	20.9	23.7	21.1	23.1	20.7	23.4	20.9
2014	54,496	1,845,787	22.7	20.3	23.8	20.9	23.6	21.3	23.2	20.8	23.4	21.0
2015	58,136	1,924,436	23.0	20.4	23.8	20.8	23.9	21.4	23.5	20.9	23.7	21.0
<b>2016</b>	<b>60,628</b>	<b>2,090,342</b>	<b>23.2</b>	<b>20.1</b>	<b>23.9</b>	<b>20.6</b>	<b>24.4</b>	<b>21.3</b>	<b>23.7</b>	<b>20.8</b>	<b>23.9</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: 60,628

**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	42,582	9,498	81	18	23.2	20.4	24.2	21.5	23.9	21.4	23.5	21.1	23.8	21.2
2013	42,234	9,621	79	18	23.2	20.7	24.4	21.9	24.1	21.9	23.6	21.4	23.9	21.6
2014	42,937	10,221	79	19	23.3	20.8	24.3	21.9	24.1	21.9	23.6	21.5	23.9	21.6
2015	45,363	11,261	78	19	23.6	21.1	24.3	21.9	24.4	22.2	24.0	21.8	24.2	21.9
<b>2016</b>	<b>46,912</b>	<b>11,764</b>	<b>77</b>	<b>19</b>	<b>23.7</b>	<b>21.4</b>	<b>24.4</b>	<b>22.2</b>	<b>24.8</b>	<b>22.8</b>	<b>24.1</b>	<b>22.1</b>	<b>24.4</b>	<b>22.3</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>52,771</b>	<b>100</b>	<b>23.3</b>	<b>53,287</b>	<b>100</b>	<b>23.4</b>	<b>54,496</b>	<b>100</b>	<b>23.4</b>	<b>58,136</b>	<b>100</b>	<b>23.7</b>	<b>60,628</b>	<b>100</b>	<b>23.9</b>
Black/African American	3,716	7	18.8	3,498	7	19.2	3,700	7	19.0	4,088	7	19.3	4,329	7	19.6
American Indian/Alaska Native	145	0	20.8	156	0	20.7	140	0	21.5	157	0	20.8	143	0	21.4
White	34,694	66	24.0	34,273	64	24.0	34,150	63	24.1	35,270	61	24.3	35,917	59	24.6
Hispanic/Latino	5,454	10	20.6	5,514	10	21.0	6,106	11	21.0	6,629	11	21.0	7,239	12	21.5
Asian	3,680	7	25.4	3,707	7	25.3	4,264	8	25.1	4,975	9	25.6	5,371	9	26.0
Native Hawaiian/Other Pacific Islander	60	0	22.8	79	0	22.8	77	0	22.5	85	0	22.2	93	0	23.0
Two or more races	1,062	2	23.8	1,113	2	23.7	1,237	2	23.9	1,373	2	23.9	1,313	2	24.2
Prefer not to respond/No response	3,960	8	23.9	4,947	9	23.7	4,822	9	23.9	5,559	10	24.1	6,223	10	24.1

**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	52,771	1,666,017	23.7	21.3	35	20	29.1	28.7	27.9	27.9
2013	53,287	1,799,243	23.7	21.1	35	19	29.0	28.7	28.1	28.0
2014	54,496	1,845,787	23.7	21.1	35	20	29.1	28.7	28.4	28.3
2015	58,136	1,924,436	23.9	21.1	37	20	29.0	28.7	28.6	28.4
<b>2016</b>	<b>60,628</b>	<b>2,090,342</b>	<b>24.0</b>	<b>20.9</b>	<b>39</b>	<b>20</b>	<b>29.1</b>	<b>28.7</b>	<b>28.8</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>	12,249	485,762	20	23	17.5	17.0	12,021	322,548	20	15	23.8	23.6	12,196	235,380	20	11	30.5	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: 60,628

**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	57,027	94	23.2	24.0	24.3	23.7	23.9
	Extended Time	3,601	6	22.5	22.3	24.7	23.3	23.4
	Total	60,628	100	23.2	23.9	24.4	23.7	23.9
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	80	68	65	58	47
	Extended Time	72	52	64	53	41
	Total	79	67	65	58	47
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: 60,628

**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	587	100	546	100	1,028	100	904	100	128	100	440	100	36
35	2,372	99	1,165	99	1,699	98	1,028	99	792	99	892	99	35
34	1,671	95	1,130	97	2,092	96	1,439	97	1,325	98	1,132	98	34
33	1,696	92	1,306	95	2,780	92	1,307	94	1,627	96	1,368	96	33
32	1,448	90	1,226	93	2,801	87	1,553	92	1,886	94	1,610	94	32
31	1,832	87	1,725	91	2,433	83	1,522	90	2,137	91	1,871	91	31
30	1,775	84	1,772	88	2,665	79	1,004	87	2,459	87	2,057	88	30
29	1,556	81	2,873	85	2,275	74	2,193	86	2,695	83	2,484	85	29
28	2,427	79	3,958	81	2,634	71	2,480	82	3,111	78	3,062	80	28
27	2,548	75	4,668	74	2,557	66	2,579	78	3,385	73	3,867	75	27
26	2,859	70	4,746	66	3,164	62	3,708	74	3,734	68	4,706	69	26
25	3,396	66	3,743	59	2,652	57	5,572	67	4,044	62	4,827	61	25
24	3,996	60	5,076	52	3,037	53	5,514	58	4,359	55	4,693	53	24
23	4,171	54	3,494	44	4,367	48	4,225	49	4,167	48	4,198	46	23
22	3,865	47	3,138	38	3,259	40	5,201	42	4,093	41	3,821	39	22
21	3,753	40	2,191	33	3,955	35	3,370	34	3,736	34	3,532	32	21
20	3,462	34	2,275	29	2,741	28	4,357	28	3,444	28	3,385	27	20
19	2,418	28	2,592	26	2,880	24	3,006	21	3,149	22	3,117	21	19
18	2,252	24	3,254	21	2,821	19	2,402	16	2,678	17	2,902	16	18
17	2,168	21	3,147	16	1,671	14	1,649	12	2,368	13	2,333	11	17
16	2,777	17	3,351	11	1,730	12	2,149	9	1,856	9	1,816	7	16
15	2,316	13	1,928	5	1,745	9	959	6	1,399	6	1,140	4	15
14	1,786	9	708	2	1,184	6	879	4	905	3	675	2	14
13	942	6	359	1	906	4	560	3	602	2	362	1	13
12	686	4	148	1	771	3	392	2	302	1	185	1	12
11	895	3	54	1	353	1	258	1	139	1	78	1	11
10	444	2	28	1	200	1	201	1	67	1	37	1	10
9	248	1	10	1	111	1	93	1	29	1	23	1	9
8	136	1	2	1	31	1	55	1	8	1	3	1	8
7	106	1	1	1	36	1	28	1	0	1	8	1	7
6	23	1	8	1	19	1	14	1	4	1	2	1	6
5	8	1	0	1	14	1	17	1	0	1	1	1	5
4	5	1	4	1	11	1	2	1	0	1	0	1	4
3	3	1	0	1	2	1	5	1	0	1	0	1	3
2	1	1	0	1	2	1	1	1	0	1	1	1	2
1	0	1	2	1	2	1	2	1	0	1	0	1	1
Avg (SD)	23.2 (6.4)		23.9 (5.5)		24.4 (6.3)		23.7 (5.4)		23.9 (5.4)		24.0 (5.2)		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: 60,628

**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	4,231	100	1,473	100	3,295	100	4,403	100	3,854	100	1,613	100	1,576	100	18
17	5,177	93	2,633	98	5,380	95	5,676	93	5,112	94	1,395	97	378	97	17
16	3,640	84	4,757	93	6,208	86	6,774	83	4,566	85	3,911	95	4,936	97	16
15	4,186	78	6,131	85	3,816	75	6,290	72	5,936	78	6,258	89	6,254	89	15
14	3,209	72	5,785	75	7,362	69	4,726	62	5,958	68	8,670	78	7,882	78	14
13	4,953	66	5,121	66	4,327	57	3,557	54	7,021	58	8,008	64	6,534	65	13
12	5,489	58	7,775	57	6,162	50	4,919	48	4,784	46	8,241	51	6,566	55	12
11	6,117	49	5,299	44	4,482	40	5,725	40	6,082	39	6,069	37	5,774	44	11
10	6,099	39	5,732	36	4,868	32	5,043	31	3,503	29	5,505	27	8,888	34	10
9	4,722	29	5,482	26	5,487	24	3,304	22	4,582	23	4,411	18	5,007	20	9
8	4,127	21	4,116	17	3,784	15	3,264	17	3,639	15	3,121	11	3,280	11	8
7	3,055	14	2,635	10	2,140	9	2,286	11	3,284	9	1,712	6	1,445	6	7
6	2,522	9	1,577	6	1,504	5	2,367	8	1,331	4	771	3	548	3	6
5	1,750	5	1,258	3	905	3	1,559	4	664	2	440	2	910	3	5
4	825	2	587	1	495	1	459	1	183	1	207	1	120	1	4
3	399	1	185	1	122	1	201	1	82	1	222	1	278	1	3
2	108	1	73	1	183	1	64	1	41	1	15	1	34	1	2
1	19	1	9	1	108	1	11	1	6	1	59	1	218	1	1
Avg (SD)	11.8 (3.8)		11.8 (3.3)		12.4 (3.6)		12.5 (3.7)		12.5 (3.4)		12.2 (2.9)		12.0 (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)	28	28	30	27	28
Q2 (50th Percentile)	23	24	24	24	24
Q1 (25th Percentile)	19	19	20	20	20

Total Students in Report: 60,628

**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	60,628	77	24.4	22.3
	Black/African American	4,329	72	20.2	18.0
	American Indian/Alaska Native	143	73	22.1	19.2
	White	35,917	81	25.0	23.2
	Hispanic/Latino	7,239	74	22.0	20.0
	Asian	5,371	81	26.3	24.9
	Native Hawaiian/Other Pac. Isl.	93	80	23.5	21.4
	Two or More Races	1,313	80	24.6	22.8
	Prefer not/No Response	6,223	63	24.9	22.7
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	60,628	100	23.2	23.9	24.4	23.7	23.9	24.0
	Black/African American	4,329	7	18.6	19.6	20.2	19.3	19.6	19.7
	American Indian/Alaska Native	143	0	20.1	21.4	21.9	21.5	21.4	21.7
	White	35,917	59	23.9	24.4	25.1	24.4	24.6	24.7
	Hispanic/Latino	7,239	12	20.6	21.5	22.1	21.4	21.5	21.6
	Asian	5,371	9	25.1	27.4	25.6	25.3	26.0	26.6
	Native Hawaiian/Other Pac. Isl.	93	0	22.2	23.2	23.2	22.9	23.0	23.3
	Two or More Races	1,313	2	23.7	23.9	24.9	23.9	24.2	24.1
	Prefer not/No Response	6,223	10	23.5	23.8	24.7	23.7	24.1	24.0
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: 60,628

**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	27,198	76	24.8	22.7
	Females	33,427	79	24.1	21.8
	No Response	3	33	22.0	.
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	27,198	45	23.1	24.7	24.4	24.3	24.3	24.7
	Females	33,427	55	23.2	23.3	24.4	23.2	23.6	23.5
	No Response	3	0	19.0	17.3	19.3	16.7	18.0	17.3
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: 60,628

**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	6,326	10	4,147	7	7,599	13	4,678	8
	28 to 32	9,038	15	11,554	19	12,808	21	8,752	14
	24 to 27	12,799	21	18,233	30	11,410	19	17,373	29
	20 to 23	15,251	25	11,098	18	14,322	24	17,153	28
	16 to 19	9,615	16	12,344	20	9,102	15	9,206	15
	13 to 15	5,044	8	2,995	5	3,835	6	2,398	4
	01 to 12	2,555	4	257	0	1,552	3	1,068	2
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	79	71	65	62	51
	Females	80	63	65	54	44
	No Response	67	33	33	0	0
National	Males	59	44	43	39	28
	Females	64	39	47	34	25
	No Response	39	21	24	18	11

Total Students in Report: 60,628

**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>60,628</b>	<b>79</b>	<b>67</b>	<b>65</b>	<b>47</b>	<b>39</b>
	Black/African American	4,329	53	34	37	17	12
	American Indian/Alaska Native	143	62	48	47	26	24
	White	35,917	85	72	70	52	42
	Hispanic/Latino	7,239	65	49	51	29	21
	Asian	5,371	85	85	71	60	59
	Native Hawaiian/Other Pac. Isl	93	76	62	58	41	32
	Two or More Races	1,313	80	67	68	49	39
	Prefer Not to Respond	6,223	78	64	65	47	40
<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	52,949	87	25.2
	Silver	6,528	11	15.9
	Bronze	904	1	12.7
	Needs Improvement	247	0	10.3
<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: 60,628

**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>	46,912	83	23.7	72	24.4	68	24.8	61	24.1	51	24.4	42	24.5
	Less than Core	11,764	68	21.4	52	22.2	54	22.8	45	22.1	35	22.3	29	22.4
	Missing <sup>3</sup>	1,952	66	21.0	45	21.3	55	23.3	48	22.5	34	22.2	28	22.2
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>	57,388	80	23.3	57,042	69	24.2	51,327	66	24.4	54,825	61	24.1
	Less than Core	1,357	67	20.7	1,695	15	17.6	7,409	64	24.3	3,885	19	18.8
	Missing <sup>3</sup>	1,883	66	21.1	1,891	45	21.3	1,892	56	23.4	1,918	48	22.5
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: 60,628

**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	16,672	27	23.7	81	385,251	18	21.7	71
Eng 9, Eng 10, Eng 11, Eng 12	40,716	67	23.2	80	1,436,604	69	20.4	63
Less than 4 years of English	1,357	2	20.7	67	121,175	6	15.8	34
Zero years / no English courses reported	1,883	3	21.1	66	147,312	7	16.6	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	9,458	16	24.8	76	125,390	6	23.2	63
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,218	15	22.5	62	163,212	8	21.6	52
Alg 1, Alg 2, Geom, & Trig	6,767	11	20.1	38	126,596	6	18.9	27
Alg 1, Alg 2, Geom, & Other Adv Math	725	1	18.2	21	379,347	18	19.3	30
Other comb of 4 or more years of Math	28,246	47	26.0	81	689,169	33	23.6	64
Alg 1, Alg 2, & Geom	1,219	2	17.3	12	243,569	12	16.8	10
Other comb of 3 or 3.5 years of Math	1,409	2	21.9	54	107,638	5	19.5	32
Less than 3 years of Math	1,695	3	17.6	15	101,097	5	16.1	8
Zero years / no Math courses reported	1,891	3	21.3	45	154,324	7	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,739	3	25.3	69	51,783	2	22.1	50
Other comb of 4 or more years Social Science	29,947	49	24.3	65	979,530	47	22.3	51
US Hist, World Hist, & Am Gov	2,258	4	24.9	68	120,501	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	17,383	29	24.5	66	555,590	27	21.4	45
Less than 3 years of Social Science	7,409	12	24.3	64	229,685	11	19.2	32
Zero years / no Social Science courses reported	1,892	3	23.4	56	153,253	7	18.2	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	37,891	62	24.8	67	844,557	40	22.1	46
Bio, Chem, Phys	3,875	6	25.2	68	233,024	11	23.0	52
Gen Sci <sup>1</sup> , Bio, Chem	11,686	19	21.5	40	542,380	26	20.0	29
Other comb of 3 years of Natural Science	1,373	2	21.3	39	59,600	3	19.0	23
Less than 3 years of Natural Science	3,885	6	18.8	19	255,155	12	18.0	17
Zero years / no Natural Science courses reported	1,918	3	22.5	48	155,626	7	18.0	19

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

Total Students in Report: 60,628

**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	16,672	27	23.7	81	6,927	25	23.6	81	9,745	29	23.8	81
Eng 9, Eng 10, Eng 11, Eng 12	40,716	67	23.2	80	18,555	68	23.2	79	22,160	66	23.2	80
Less than 4 years of English	1,357	2	20.7	67	631	2	21.0	69	726	2	20.4	64
Zero years / no English courses reported	1,883	3	21.1	66	1,085	4	21.0	65	796	2	21.2	67
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	9,458	16	24.8	76	3,883	14	25.5	81	5,575	17	24.3	73
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,218	15	22.5	62	3,366	12	23.1	67	5,851	18	22.2	59
Alg 1, Alg 2, Geom, & Trig	6,767	11	20.1	38	2,685	10	20.6	43	4,082	12	19.8	34
Alg 1, Alg 2, Geom, & Other Adv Math	725	1	18.2	21	322	1	18.3	22	403	1	18.1	20
Other comb of 4 or more years of Math	28,246	47	26.0	81	13,911	51	26.7	84	14,335	43	25.4	78
Alg 1, Alg 2, & Geom	1,219	2	17.3	12	546	2	17.6	16	673	2	17.0	9
Other comb of 3 or 3.5 years of Math	1,409	2	21.9	54	646	2	22.2	55	763	2	21.7	52
Less than 3 years of Math	1,695	3	17.6	15	749	3	17.9	18	946	3	17.3	13
Zero years / no Math courses reported	1,891	3	21.3	45	1,090	4	21.7	47	799	2	20.8	42
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,739	3	25.3	69	968	4	24.8	67	771	2	25.9	72
Other comb of 4 or more years Social Science	29,947	49	24.3	65	12,619	46	24.3	65	17,328	52	24.3	65
US Hist, World Hist, & Am Gov	2,258	4	24.9	68	1,144	4	24.7	67	1,114	3	25.1	69
Other comb of 3 or 3.5 years of Social Science	17,383	29	24.5	66	7,716	28	24.6	66	9,666	29	24.5	66
Less than 3 years of Social Science	7,409	12	24.3	64	3,659	13	24.4	65	3,750	11	24.1	63
Zero years / no Social Science courses reported	1,892	3	23.4	56	1,092	4	23.5	56	798	2	23.3	55
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	37,891	62	24.8	67	18,000	66	25.5	71	19,890	60	24.3	64
Bio, Chem, Phys	3,875	6	25.2	68	1,725	6	26.2	74	2,150	6	24.4	63
Gen Sci <sup>2</sup> , Bio, Chem	11,686	19	21.5	40	4,103	15	21.4	39	7,583	23	21.6	40
Other comb of 3 years of Natural Science	1,373	2	21.3	39	703	3	21.7	43	670	2	20.8	34
Less than 3 years of Natural Science	3,885	6	18.8	19	1,563	6	18.9	19	2,322	7	18.8	18
Zero years / no Natural Science courses reported	1,918	3	22.5	48	1,104	4	23.0	51	812	2	21.9	45

<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: 60,628

**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	483	1	23.0	31	4	17.0	403	1	23.3
Architecture	612	1	23.1	2	0	22.0	511	1	23.3
Area, Ethnic, & Multidisciplinary Studies	81	0	24.8	0	0	.	70	0	24.5
Arts: Visual & Performing	2,719	4	23.0	38	5	19.1	2,318	5	23.0
Business	7,549	12	23.4	171	24	20.6	6,351	13	23.4
Communications	1,413	2	22.9	13	2	20.7	1,248	3	22.9
Community, Family, & Personal Services	572	1	20.2	22	3	17.7	491	1	20.4
Computer Science & Mathematics	2,295	4	25.5	31	4	20.2	1,941	4	25.5
Education	2,220	4	22.0	12	2	17.8	1,965	4	22.0
Engineering	5,507	9	26.1	36	5	19.6	4,793	10	26.2
Engineering Technology & Drafting	556	1	22.4	13	2	16.2	471	1	22.7
English & Foreign Languages	704	1	25.5	3	0	20.7	601	1	25.5
Health Administration & Assisting	1,130	2	20.6	19	3	16.3	952	2	20.7
Health Sciences & Technologies	8,648	14	23.4	82	12	18.9	7,738	16	23.4
Philosophy, Religion, & Theology	100	0	23.3	0	0	.	86	0	23.8
Repair, Production, & Construction	157	0	19.1	43	6	18.7	88	0	19.1
Sciences: Biological & Physical	6,624	11	25.5	20	3	21.0	5,888	12	25.5
Social Sciences & Law	5,187	9	23.1	27	4	19.2	4,570	9	23.1
Undecided	12,564	21	24.2	145	20	19.1	9,103	18	24.2
No Response	1,502	2	22.7	1	0	16.0	74	0	22.6

<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: 60,628

**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	263	21.0	17	16.5	2	20.0	139	22.1	40	18.8
2-yr College Degree	449	18.3	43	16.4	2	16.5	298	18.7	51	16.8
Bachelors Degree	19,756	22.2	1,339	18.0	56	20.0	13,097	22.9	2,418	20.1
Graduate Study	14,656	25.0	758	21.1	21	21.7	9,930	25.4	1,504	23.1
Prof. Level Degree	15,251	25.3	1,433	21.0	45	22.7	7,841	26.3	2,078	22.8
Other	760	22.3	47	17.5	1	17.0	383	23.1	99	19.9
No Response	9,493	24.1	692	18.4	16	23.1	4,229	25.4	1,049	20.5

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	263	21.0	42	21.8	0	.	7	22.6	16	19.4
2-yr College Degree	449	18.3	13	22.0	1	16.0	9	21.2	32	17.5
Bachelors Degree	19,756	22.2	1,196	23.7	32	21.5	406	22.2	1,212	22.0
Graduate Study	14,656	25.0	1,031	26.4	18	24.5	294	25.4	1,100	25.3
Prof. Level Degree	15,251	25.3	1,980	27.0	27	23.7	431	25.3	1,416	25.7
Other	760	22.3	106	23.8	1	29.0	20	23.2	103	22.1
No Response	9,493	24.1	1,003	26.8	14	23.6	146	24.4	2,344	23.8

Total Students in Report: 60,628

**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 AT BUFFALO/SUNY	New York	1,674	550	1,124	0	3	13	30	31	20	3
BINGHAMTON UNIVERSITY-SUNY	New York	1,496	434	1,062	0	1	9	22	35	28	5
STONY BROOK UNIVERSITY/SUNY	New York	1,415	473	942	0	3	15	28	30	20	3
UNIVERSITY AT ALBANY/SUNY	New York	948	251	697	0	5	20	32	30	11	1
ROCHESTER INST OF TECHNOLOGY	New York	893	343	550	0	2	7	18	35	31	7
CITY UNIVERSITY OF NEW YORK	New York	837	510	327	7	16	22	23	20	10	2
CORNELL UNIVERSITY	New York	761	271	490	0	1	6	12	27	38	16
NEW YORK UNIVERSITY	New York	760	231	529	1	3	11	23	29	28	5
SYRACUSE UNIVERSITY	New York	703	203	500	1	4	13	28	35	17	3
COLLEGE AT BROCKPORT/SUNY	New York	644	167	477	0	5	22	39	25	7	0
STATE UNIV OF NY COLL AT GENESEO	New York	596	165	431	0	1	7	24	37	26	5
STATE UNIV OF NY COLL AT OSWEGO	New York	588	158	430	0	4	25	36	26	8	1
STATE UNIV OF NY COLL AT CORTLAND	New York	573	169	404	1	5	25	40	24	5	0
NCAA ELIGIBILITY CENTER	Indiana	548	366	182	1	4	21	29	30	14	2
STATE UNIV OF NY COLL AT ONEONTA	New York	486	112	374	0	4	22	38	27	8	0
STATE UNIV OF NEW YORK AT NEW PALTZ	New York	485	148	337	1	5	19	35	31	10	0
STATE UNIV OF NY COLL AT BUFFALO	New York	461	83	378	1	7	28	35	21	7	1
FORDHAM UNIVERSITY	New York	435	101	334	0	4	12	29	32	20	3
HOFSTRA UNIVERSITY	New York	418	103	315	0	4	19	31	28	17	1
BOSTON UNIVERSITY	Massachusetts	399	83	316	0	1	4	16	32	39	7
ST JOHN FISHER COLLEGE	New York	399	112	287	0	3	16	38	32	10	1
UNIVERSITY OF ROCHESTER	New York	398	119	279	0	0	7	16	30	34	12
ITHACA COLLEGE	New York	389	89	300	1	2	9	28	39	21	2
CLARKSON UNIVERSITY	New York	370	104	266	0	1	5	20	37	32	6
STATE UNIV OF NY COLL AT FREDONIA	New York	365	101	264	0	4	18	41	25	10	1
NORTHEASTERN UNIVERSITY	Massachusetts	357	89	268	0	0	3	9	29	44	15
RENSSELAER POLYTECHNIC INSTITUTE	New York	344	73	271	0	1	1	8	28	47	15
CANISIUS COLLEGE	New York	339	107	232	0	2	13	37	30	16	2
ADELPHI UNIVERSITY	New York	338	112	226	1	4	27	36	23	9	0
STATE UNIV OF NY COLL AT PLATTSBURGH	New York	325	103	222	2	6	30	39	19	3	1
All Other Institutions		26,655	7,930	18,725	1	4	18	27	26	20	5
<b>Total</b>		<b>45,399</b>	<b>13,860</b>	<b>31,539</b>	<b>1</b>	<b>4</b>	<b>17</b>	<b>27</b>	<b>27</b>	<b>20</b>	<b>4</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: 60,628

**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>28,348</b>	<b>519,922</b>	<b>21.0</b>	<b>19.3</b>	<b>23.4</b>	<b>21.8</b>	<b>24.5</b>	<b>22.9</b>	<b>23.0</b>	<b>21.3</b>
Black/African American	2,453	67,101	19.0	16.2	19.2	17.6	20.8	19.1	19.7	17.6
American Indian/Alaska Native	74	3,056	19.2	16.1	20.1	17.6	21.9	19.3	20.4	17.7
White	14,679	234,063	21.2	20.4	24.2	23.9	25.2	24.7	23.5	23.0
Hispanic/Latino	3,828	116,135	20.2	17.8	21.1	18.8	22.6	20.3	21.3	19.0
Asian	3,584	44,606	22.3	21.5	25.4	24.5	25.9	24.7	24.6	23.6
Native Hawaiian/Other Pac. Isl.	59	1,742	20.9	19.3	21.6	20.6	22.4	21.4	21.6	20.4
Two or More Races	646	21,475	21.3	19.9	24.1	22.6	24.9	23.6	23.4	22.0
Prefer not/No Response	3,025	31,744	20.9	19.9	23.7	22.8	24.8	23.8	23.1	22.2
Males	11,604	220,204	20.6	18.9	23.4	21.9	24.6	22.9	22.8	21.2
Females	16,744	298,512	21.2	19.6	23.4	21.8	24.5	22.8	23.0	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>19,701</b>	<b>754,169</b>	<b>24.6</b>	<b>19.6</b>	<b>7.5</b>	<b>6.2</b>	<b>23.4</b>	<b>18.6</b>
Black/African American	907	85,940	19.1	14.6	6.8	5.1	18.7	13.9
American Indian/Alaska Native	38	5,558	21.9	15.2	7.6	5.0	21.5	14.2
White	13,010	407,944	25.2	21.4	7.6	6.5	23.9	20.2
Hispanic/Latino	2,074	115,338	21.4	17.1	7.2	6.0	20.8	16.5
Asian	1,191	30,233	26.5	23.2	7.9	7.1	25.1	22.0
Native Hawaiian/Other Pac. Isl.	22	3,063	25.2	15.9	7.4	5.6	23.8	15.3
Two or More Races	378	32,453	25.6	19.6	7.6	6.2	24.2	18.5
Prefer not/No Response	2,081	73,640	25.1	18.8	7.5	6.0	23.8	17.7
Males	9,449	367,696	24.6	19.2	7.4	5.9	23.3	18.0
Females	10,249	356,634	24.6	20.3	7.6	6.6	23.5	19.4
No Response	3	29,839	19.0	16.7	6.7	5.5	18.3	15.8

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