



# Profile Report - State

Graduating Class 2016

West Virginia



## New to your 2016 Profile Report

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

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

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

This report focuses on:

**Performance** - student test performance in the context of college readiness

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

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

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

**Awareness** - extent to which student aspirations match performance

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

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

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

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

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

**The ACT:**

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

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

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

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

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

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

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 11,682 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. 73% 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 8% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 37% 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 17% of the cohort took less than three years of natural science courses. 16% of these students were college ready. In comparison, 37% 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](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

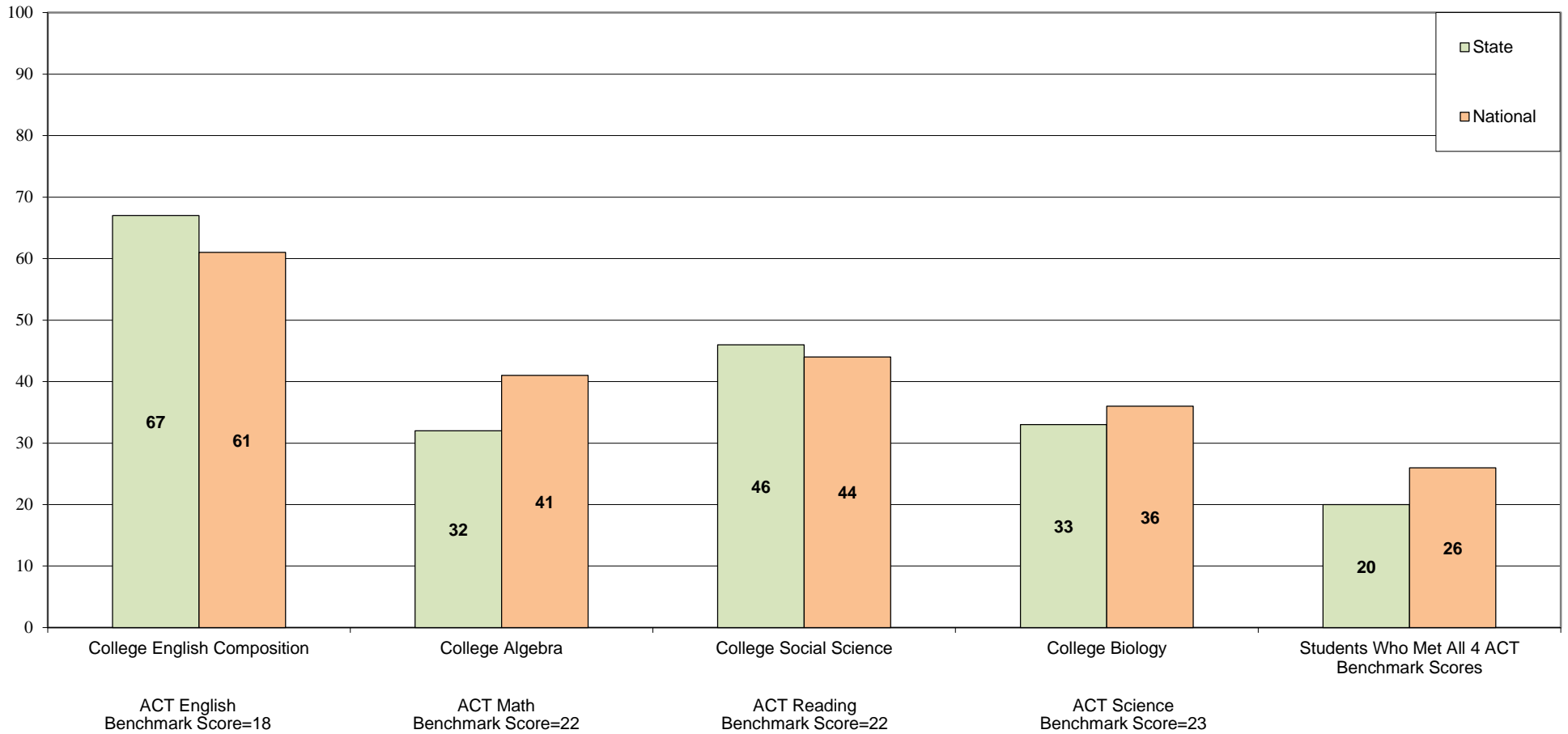
## Executive Summary

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: 11,682

**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	11,719	1,666,017	70	67	33	46	53	52	25	31	19	25
2013	11,426	1,799,243	69	64	33	44	45	44	34	36	20	26
2014	11,191	1,845,787	68	64	31	43	45	44	32	37	19	26
2015	11,289	1,924,436	69	64	34	42	48	46	34	38	21	28
<b>2016</b>	<b>11,682</b>	<b>2,090,342</b>	<b>67</b>	<b>61</b>	<b>32</b>	<b>41</b>	<b>46</b>	<b>44</b>	<b>33</b>	<b>36</b>	<b>20</b>	<b>26</b>

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

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2012	11,719	1,666,017	20.6	20.5	19.6	21.1	21.3	21.3	20.5	20.9	20.6	21.1
2013	11,426	1,799,243	20.5	20.2	19.5	20.9	21.3	21.1	20.6	20.7	20.6	20.9
2014	11,191	1,845,787	20.4	20.3	19.5	20.9	21.4	21.3	20.6	20.8	20.6	21.0
2015	11,289	1,924,436	20.6	20.4	19.7	20.8	21.5	21.4	20.7	20.9	20.8	21.0
<b>2016</b>	<b>11,682</b>	<b>2,090,342</b>	<b>20.5</b>	<b>20.1</b>	<b>19.6</b>	<b>20.6</b>	<b>21.5</b>	<b>21.3</b>	<b>20.7</b>	<b>20.8</b>	<b>20.7</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: 11,682

**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									
					English		Mathematics		Reading		Science		Composite	
	Core or More <sup>1</sup>	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	Core or More	Less than Core	Core or More	Less than Core
2012	9,571	1,993	82	17	21.3	17.9	20.1	17.3	21.8	18.9	21.0	18.1	21.2	18.2
2013	9,226	1,962	81	17	21.1	18.1	20.0	17.4	21.9	19.2	21.1	18.6	21.2	18.4
2014	8,656	2,181	77	19	21.2	18.0	20.2	17.3	22.0	19.3	21.2	18.4	21.3	18.4
2015	8,775	2,296	78	20	21.4	18.2	20.4	17.7	22.2	19.5	21.3	18.7	21.4	18.7
<b>2016</b>	<b>8,484</b>	<b>2,865</b>	<b>73</b>	<b>25</b>	<b>21.3</b>	<b>18.7</b>	<b>20.3</b>	<b>17.8</b>	<b>22.2</b>	<b>19.8</b>	<b>21.4</b>	<b>19.0</b>	<b>21.5</b>	<b>19.0</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>11,719</b>	<b>100</b>	<b>20.6</b>	<b>11,426</b>	<b>100</b>	<b>20.6</b>	<b>11,191</b>	<b>100</b>	<b>20.6</b>	<b>11,289</b>	<b>100</b>	<b>20.8</b>	<b>11,682</b>	<b>100</b>	<b>20.7</b>
Black/African American	461	4	17.3	422	4	17.5	397	4	17.1	382	3	17.6	393	3	17.7
American Indian/Alaska Native	33	0	19.9	19	0	20.2	29	0	19.3	25	0	18.6	40	0	17.3
White	10,296	88	20.7	9,939	87	20.7	9,792	87	20.7	9,835	87	20.9	10,089	86	20.8
Hispanic/Latino	210	2	20.4	231	2	20.5	204	2	20.3	205	2	19.9	245	2	20.0
Asian	97	1	23.2	91	1	23.5	97	1	24.1	99	1	24.5	99	1	24.5
Native Hawaiian/Other Pacific Islander	5	0	20.6	8	0	20.3	5	0	21.2	13	0	19.8	10	0	20.6
Two or more races	352	3	20.3	402	4	20.4	380	3	20.5	421	4	20.5	463	4	20.4
Prefer not to respond/No response	265	2	21.4	314	3	20.2	287	3	20.7	309	3	20.6	343	3	20.9

**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	11,719	1,666,017	20.3	21.3	12	20	27.6	28.7	28.1	27.9
2013	11,426	1,799,243	20.3	21.1	11	19	27.5	28.7	28.0	28.0
2014	11,191	1,845,787	20.3	21.1	12	20	27.5	28.7	28.3	28.3
2015	11,289	1,924,436	20.5	21.1	12	20	27.6	28.7	28.3	28.4
<b>2016</b>	<b>11,682</b>	<b>2,090,342</b>	<b>20.4</b>	<b>20.9</b>	<b>12</b>	<b>20</b>	<b>27.6</b>	<b>28.7</b>	<b>28.4</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>	5,272	485,762	45	23	17.2	17.0	3,330	322,548	29	15	23.4	23.6	1,593	235,380	14	11	29.6	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: 11,682

**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	11,369	97	20.6	19.7	21.6	20.8	20.8
	Extended Time	313	3	15.1	16.5	17.8	17.2	16.8
	Total	11,682	100	20.5	19.6	21.5	20.7	20.7
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	68	33	47	33	21
	Extended Time	32	11	25	14	7
	Total	67	32	46	33	20
National	Standard Time	63	42	45	37	27
	Extended Time	39	22	31	23	16
	Total	61	41	44	36	26

# Section II

## Academic Achievement

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

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

Total Students in Report: 11,682

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	29	100	10	100	46	100	31	100	3	100	11	100	36
35	121	99	32	99	87	99	33	99	20	99	23	99	35
34	115	99	25	99	142	99	69	99	37	99	26	99	34
33	117	98	38	99	195	98	62	99	53	99	37	99	33
32	122	97	43	99	238	96	79	98	96	99	58	99	32
31	140	96	56	99	221	94	105	98	121	98	85	99	31
30	200	94	79	98	372	92	82	97	187	97	129	98	30
29	190	93	156	98	275	89	150	96	210	96	166	97	29
28	296	91	233	96	326	87	205	95	254	94	206	95	28
27	312	89	339	94	371	84	241	93	338	92	306	94	27
26	430	86	440	91	464	81	348	91	432	89	396	91	26
25	538	82	398	88	440	77	704	88	551	85	555	88	25
24	714	78	692	84	621	73	908	82	723	80	677	83	24
23	788	72	587	78	833	67	820	74	879	74	787	77	23
22	813	65	605	73	770	60	1,190	67	907	67	804	70	22
21	904	58	638	68	1,035	54	858	57	829	59	890	63	21
20	900	50	554	63	664	45	1,161	50	909	52	956	56	20
19	554	42	638	58	918	39	946	40	1,030	44	1,178	48	19
18	594	38	1,117	52	679	31	917	32	995	35	1,194	38	18
17	530	33	1,394	43	592	26	647	24	886	27	1,114	27	17
16	751	28	1,737	31	621	20	783	18	756	19	926	18	16
15	738	22	1,094	16	506	15	452	11	629	13	582	10	15
14	560	15	451	7	404	11	301	8	445	7	328	5	14
13	364	10	244	3	396	7	234	5	253	3	165	2	13
12	265	7	56	1	259	4	167	3	101	1	67	1	12
11	291	5	21	1	106	2	87	2	29	1	14	1	11
10	167	3	4	1	60	1	53	1	9	1	1	1	10
9	71	1	1	1	17	1	31	1	0	1	1	1	9
8	41	1	0	1	11	1	14	1	0	1	0	1	8
7	23	1	0	1	7	1	3	1	0	1	0	1	7
6	4	1	0	1	3	1	1	1	0	1	0	1	6
5	0	1	0	1	3	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.5 (5.7)		19.6 (4.5)		21.5 (5.7)		20.7 (4.6)		20.7 (4.6)		20.4 (4.3)		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: 11,682

**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	285	100	58	100	166	100	297	100	136	100	40	100	45	100	18
17	471	98	180	99	425	99	469	97	252	99	29	99	11	99	17
16	367	94	360	98	636	95	684	93	344	97	146	99	161	99	16
15	461	90	696	95	523	89	744	88	478	94	331	98	334	98	15
14	561	86	804	89	1,129	85	805	81	665	90	548	95	564	95	14
13	814	82	928	82	852	75	924	74	911	84	835	91	707	90	13
12	1,020	75	1,468	74	1,382	68	1,034	66	1,154	76	1,272	83	889	84	12
11	1,246	66	1,229	62	1,087	56	1,116	58	1,146	66	1,528	73	1,341	77	11
10	1,363	55	1,328	51	1,266	47	1,225	48	886	56	1,833	60	2,123	65	10
9	1,243	44	1,430	40	1,438	36	1,032	38	1,205	49	1,942	44	1,836	47	9
8	1,075	33	1,295	27	1,279	24	1,007	29	1,492	39	1,413	27	1,713	31	8
7	889	24	688	16	679	13	677	20	1,665	26	891	15	870	17	7
6	778	16	546	10	455	7	851	14	722	12	340	7	177	9	6
5	607	9	408	6	223	3	502	7	444	5	251	5	578	8	5
4	318	4	205	2	84	1	205	3	135	2	123	2	35	3	4
3	141	2	52	1	36	1	76	1	33	1	109	1	208	3	3
2	40	1	6	1	20	1	32	1	14	1	28	1	15	1	2
1	3	1	1	1	2	1	2	1	0	1	23	1	75	1	1
Avg (SD)	10.2 (3.6)		10.5 (3.1)		11.0 (3.2)		10.8 (3.6)		10.1 (3.2)		10.0 (2.6)		9.7 (2.8)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	23	25	24	24
Q2 (50th Percentile)	20	18	21	21	20
Q1 (25th Percentile)	16	16	17	18	17

Total Students in Report: 11,682

**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	11,682	73	21.5	19.0
	Black/African American	393	63	18.3	16.8
	American Indian/Alaska Native	40	78	17.2	21.4
	White	10,089	74	21.5	19.1
	Hispanic/Latino	245	69	20.9	18.7
	Asian	99	85	25.7	18.1
	Native Hawaiian/Other Pac. Isl.	10	80	20.5	21.0
	Two or More Races	463	69	21.4	18.5
	Prefer not/No Response	343	53	23.4	19.5
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	11,682	100	20.5	19.6	21.5	20.7	20.7	20.4
	Black/African American	393	3	16.9	17.3	18.2	18.1	17.7	17.9
	American Indian/Alaska Native	40	0	16.7	16.7	18.0	17.2	17.3	17.1
	White	10,089	86	20.6	19.7	21.6	20.8	20.8	20.5
	Hispanic/Latino	245	2	19.5	19.1	20.6	20.3	20.0	20.0
	Asian	99	1	24.2	25.2	24.1	24.1	24.5	24.8
	Native Hawaiian/Other Pac. Isl.	10	0	21.0	20.1	20.3	20.7	20.6	20.5
	Two or More Races	463	4	20.0	19.5	21.1	20.5	20.4	20.3
	Prefer not/No Response	343	3	20.8	19.6	21.9	20.7	20.9	20.4
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: 11,682

**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	4,943	72	21.7	19.1
	Females	6,735	73	21.3	18.8
	No Response	4	50	18.5	17.0
National	Males	971,383	68	22.1	18.5
	Females	1,074,049	72	21.7	19.1
	No Response	44,910	28	19.3	16.5

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

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	Males	4,943	42	20.2	20.2	21.4	21.2	20.9	21.0
	Females	6,735	58	20.7	19.2	21.6	20.4	20.6	20.0
	No Response	4	0	17.0	17.0	18.0	17.3	17.3	17.5
National	Males	971,383	46	19.8	21.0	21.0	21.1	20.9	21.3
	Females	1,074,049	51	20.6	20.3	21.6	20.6	20.9	20.7
	No Response	44,910	2	16.5	17.9	18.0	17.9	17.7	18.2

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# Section III

## College and Career Readiness and the Impact of Course Rigor

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

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

Total Students in Report: 11,682

**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	382	3	105	1	470	4	195	2
	28 to 32	948	8	567	5	1,432	12	621	5
	24 to 27	1,994	17	1,869	16	1,896	16	2,201	19
	20 to 23	3,405	29	2,384	20	3,302	28	4,029	34
	16 to 19	2,429	21	4,886	42	2,810	24	3,293	28
	13 to 15	1,662	14	1,789	15	1,306	11	987	8
	01 to 12	862	7	82	1	466	4	356	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	66	37	46	37	23
	Females	69	28	47	30	18
	No Response	25	0	25	0	0
National	Males	59	44	43	39	28
	Females	64	39	47	34	25
	No Response	39	21	24	18	11

**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=26 %	
<b>State</b>	<b>All Students</b>	<b>11,682</b>	<b>67</b>	<b>32</b>	<b>46</b>	<b>33</b>	<b>20</b>	12
	Black/African American	393	40	12	23	12	6	3
	American Indian/Alaska Native	40	38	13	25	18	8	3
	White	10,089	69	33	47	34	21	12
	Hispanic/Latino	245	61	29	38	26	17	12
	Asian	99	76	72	63	58	49	49
	Native Hawaiian/Other Pac. Isl	10	80	30	40	50	20	0
	Two or More Races	463	64	30	43	28	17	13
	Prefer Not to Respond	343	66	31	48	36	24	19
<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>	20
	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	8,574	73	22.6
	Silver	2,716	23	15.8
	Bronze	354	3	12.7
	Needs Improvement	38	0	10.8
<b>National</b>	Gold	1,418,678	68	23.7
	Silver	496,817	24	15.6
	Bronze	142,375	7	12.6
	Needs Improvement	32,472	2	10.4

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

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

Total Students in Report: 11,682

**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>	8,484	73	21.3	38	20.3	51	22.2	38	21.4	25	21.5	15	21.2
	Less than Core	2,865	55	18.7	15	17.8	34	19.8	19	19.0	9	19.0	4	18.7
	Missing <sup>3</sup>	333	32	15.1	8	16.4	23	17.8	11	17.2	4	16.7	3	17.0
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>	11,217	69	20.7	10,381	35	20.0	10,924	47	21.7	9,432	37	21.3
	Less than Core	203	56	18.9	973	9	17.0	498	36	19.8	1,985	16	18.8
	Missing <sup>3</sup>	262	27	14.6	328	8	16.3	260	21	17.5	265	11	17.0
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

<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.

**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	2,676	23	21.7	77	385,251	18	21.7	71
Eng 9, Eng 10, Eng 11, Eng 12	8,541	73	20.3	66	1,436,604	69	20.4	63
Less than 4 years of English	203	2	18.9	56	121,175	6	15.8	34
Zero years / no English courses reported	262	2	14.6	27	147,312	7	16.6	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	759	6	21.5	50	125,390	6	23.2	63
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,588	14	20.7	42	163,212	8	21.6	52
Alg 1, Alg 2, Geom, & Trig	1,469	13	18.5	22	126,596	6	18.9	27
Alg 1, Alg 2, Geom, & Other Adv Math	1,504	13	18.0	16	379,347	18	19.3	30
Other comb of 4 or more years of Math	3,642	31	21.7	51	689,169	33	23.6	64
Alg 1, Alg 2, & Geom	886	8	16.9	8	243,569	12	16.8	10
Other comb of 3 or 3.5 years of Math	533	5	18.0	17	107,638	5	19.5	32
Less than 3 years of Math	973	8	17.0	9	101,097	5	16.1	8
Zero years / no Math courses reported	328	3	16.3	8	154,324	7	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,743	15	20.6	39	51,783	2	22.1	50
Other comb of 4 or more years Social Science	4,683	40	22.2	52	979,530	47	22.3	51
US Hist, World Hist, & Am Gov	1,685	14	21.0	43	120,501	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	2,813	24	21.8	48	555,590	27	21.4	45
Less than 3 years of Social Science	498	4	19.8	36	229,685	11	19.2	32
Zero years / no Social Science courses reported	260	2	17.5	21	153,253	7	18.2	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	4,072	35	22.0	44	844,557	40	22.1	46
Bio, Chem, Phys	68	1	21.7	46	233,024	11	23.0	52
Gen Sci <sup>1</sup> , Bio, Chem	4,843	41	20.8	32	542,380	26	20.0	29
Other comb of 3 years of Natural Science	449	4	19.6	24	59,600	3	19.0	23
Less than 3 years of Natural Science	1,985	17	18.8	16	255,155	12	18.0	17
Zero years / no Natural Science courses reported	265	2	17.0	11	155,626	7	18.0	19

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

Total Students in Report: 11,682

**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	2,676	23	21.7	77	1,024	21	21.6	76	1,652	25	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12	8,541	73	20.3	66	3,689	75	20.1	65	4,849	72	20.5	67
Less than 4 years of English	203	2	18.9	56	86	2	19.2	60	116	2	18.8	53
Zero years / no English courses reported	262	2	14.6	27	144	3	14.6	26	118	2	14.6	30
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	759	6	21.5	50	342	7	22.4	57	417	6	20.8	44
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,588	14	20.7	42	570	12	21.3	47	1,018	15	20.4	39
Alg 1, Alg 2, Geom, & Trig	1,469	13	18.5	22	566	11	18.9	27	903	13	18.3	20
Alg 1, Alg 2, Geom, & Other Adv Math	1,504	13	18.0	16	561	11	18.4	20	940	14	17.8	13
Other comb of 4 or more years of Math	3,642	31	21.7	51	1,707	35	22.4	56	1,935	29	21.1	46
Alg 1, Alg 2, & Geom	886	8	16.9	8	380	8	17.3	11	506	8	16.6	5
Other comb of 3 or 3.5 years of Math	533	5	18.0	17	229	5	18.3	18	304	5	17.8	16
Less than 3 years of Math	973	8	17.0	9	413	8	17.5	14	559	8	16.6	5
Zero years / no Math courses reported	328	3	16.3	8	175	4	16.6	11	153	2	16.0	5
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,743	15	20.6	39	767	16	20.5	38	976	14	20.6	40
Other comb of 4 or more years Social Science	4,683	40	22.2	52	1,877	38	22.3	52	2,804	42	22.2	51
US Hist, World Hist, & Am Gov	1,685	14	21.0	43	780	16	21.3	46	904	13	20.8	41
Other comb of 3 or 3.5 years of Social Science	2,813	24	21.8	48	1,139	23	21.5	45	1,674	25	21.9	49
Less than 3 years of Social Science	498	4	19.8	36	236	5	20.0	36	261	4	19.6	36
Zero years / no Social Science courses reported	260	2	17.5	21	144	3	17.3	22	116	2	17.8	20
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	4,072	35	22.0	44	1,950	39	22.8	50	2,121	31	21.2	38
Bio, Chem, Phys	68	1	21.7	46	27	1	22.6	56	41	1	21.2	39
Gen Sci <sup>2</sup> , Bio, Chem	4,843	41	20.8	32	1,744	35	21.0	35	3,098	46	20.7	31
Other comb of 3 years of Natural Science	449	4	19.6	24	229	5	20.2	26	220	3	18.9	21
Less than 3 years of Natural Science	1,985	17	18.8	16	846	17	19.0	18	1,138	17	18.6	15
Zero years / no Natural Science courses reported	265	2	17.0	11	147	3	16.8	12	117	2	17.2	11

<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: 11,682

**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	224	2	19.7	29	3	17.3	185	2	20.1
Architecture	72	1	21.8	2	0	20.5	67	1	21.8
Area, Ethnic, & Multidisciplinary Studies	8	0	21.0	0	0	.	8	0	21.0
Arts: Visual & Performing	514	4	20.9	36	4	17.8	451	4	21.3
Business	777	7	20.6	58	7	17.2	691	7	20.9
Communications	146	1	21.3	5	1	17.8	139	1	21.5
Community, Family, & Personal Services	226	2	18.9	37	4	17.4	178	2	19.3
Computer Science & Mathematics	388	3	21.9	25	3	18.6	345	3	22.1
Education	842	7	20.1	27	3	16.5	801	8	20.2
Engineering	814	7	22.8	41	5	17.3	755	7	23.3
Engineering Technology & Drafting	133	1	20.2	36	4	17.8	91	1	21.3
English & Foreign Languages	118	1	23.0	0	0	.	116	1	23.1
Health Administration & Assisting	564	5	18.6	82	9	17.0	465	5	18.9
Health Sciences & Technologies	3,098	27	20.6	224	26	17.3	2,807	27	20.9
Philosophy, Religion, & Theology	43	0	20.6	0	0	.	40	0	20.8
Repair, Production, & Construction	122	1	17.2	70	8	16.5	40	0	18.3
Sciences: Biological & Physical	671	6	22.7	11	1	18.1	641	6	22.9
Social Sciences & Law	912	8	20.9	27	3	16.4	854	8	21.1
Undecided	1,862	16	20.6	144	17	16.6	1,591	15	20.9
No Response	143	1	16.8	14	2	15.1	17	0	19.1

<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: 11,682

**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	192	16.9	8	14.0	4	13.3	163	17.1	6	17.7
2-yr College Degree	679	17.2	23	14.7	2	13.0	617	17.3	7	16.1
Bachelors Degree	6,323	19.9	230	17.1	28	17.3	5,566	20.1	116	19.0
Graduate Study	1,480	22.8	30	19.2	2	23.5	1,295	22.9	45	21.8
Prof. Level Degree	2,480	23.2	78	20.5	3	23.3	2,078	23.2	61	21.6
Other	155	18.0	4	16.5	0	.	136	17.8	2	16.0
No Response	373	18.9	20	16.9	1	12.0	234	19.5	8	19.6

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	192	16.9	2	19.5	0	.	7	16.7	2	14.5
2-yr College Degree	679	17.2	1	17.0	2	16.5	15	15.8	12	16.9
Bachelors Degree	6,323	19.9	30	20.2	3	22.0	236	19.4	114	20.5
Graduate Study	1,480	22.8	12	23.6	1	15.0	57	22.0	38	23.6
Prof. Level Degree	2,480	23.2	50	27.7	4	23.0	129	22.7	77	24.8
Other	155	18.0	1	35.0	0	.	8	18.9	4	19.0
No Response	373	18.9	3	20.7	0	.	11	18.7	96	17.7

Total Students in Report: 11,682

**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
WEST VIRGINIA UNIVERSITY	West Virginia	4,052	2,119	1,933	0	7	25	33	24	10	1
MARSHALL UNIVERSITY	West Virginia	3,022	1,398	1,624	1	9	30	33	20	7	1
FAIRMONT STATE UNIVERSITY	West Virginia	1,600	628	972	1	10	35	32	17	4	0
CONCORD UNIVERSITY	West Virginia	927	303	624	1	11	35	33	16	4	0
WEST VIRGINIA STATE UNIVERSITY	West Virginia	616	168	448	1	14	39	26	17	3	0
WEST LIBERTY UNIVERSITY	West Virginia	602	232	370	1	10	31	34	20	5	0
WEST VIRGINIA WESLEYAN COLLEGE	West Virginia	569	160	409	1	5	22	38	25	9	1
SHEPHERD UNIVERSITY	West Virginia	539	207	332	0	9	30	33	21	6	0
UNIVERSITY OF CHARLESTON THE	West Virginia	526	117	409	2	9	34	31	20	4	0
GLENVILLE STATE COLLEGE	West Virginia	519	183	336	2	15	41	28	11	3	0
ALDERSON BROADDUS COLLEGE	West Virginia	374	86	288	1	9	35	31	21	4	0
BLUEFIELD STATE COLLEGE	West Virginia	363	153	210	4	15	41	31	7	2	0
WEST VIRGINIA UNIV INST OF TECHNOLOGY	West Virginia	338	105	233	0	11	33	29	20	6	0
WEST VIRGINIA UNIVERSITY AT PARKERSBURG	West Virginia	325	144	181	2	14	39	28	16	2	0
NCAA ELIGIBILITY CENTER	Indiana	300	130	170	0	10	30	36	19	4	1
POTOMAC STATE COLLEGE OF WVU	West Virginia	280	137	143	1	12	40	31	11	5	0
DAVIS & ELKINS COLLEGE	West Virginia	270	69	201	0	9	33	33	21	4	0
PIERPONT COMMUNITY & TECHNICAL COLLEGE	West Virginia	265	103	162	1	20	48	22	8	1	0
UNIVERSITY OF KENTUCKY	Kentucky	253	42	211	0	3	18	27	32	18	2
OHIO STATE UNIVERSITY THE	Ohio	230	40	190	0	2	20	32	27	17	3
BRIDGEVALLEY COMM & TECH COLL	West Virginia	210	87	123	3	19	47	25	4	1	0
MOUNTWEST COMMUNITY & TECHNICAL COLLEGE	West Virginia	154	37	117	3	23	40	26	8	0	0
SOUTHERN WEST VIRGINIA C TECH C-LOGAN	West Virginia	143	67	76	4	28	33	27	8	1	0
NEW RIVER COMMUNITY AND TECHNICAL COLL	West Virginia	139	51	88	5	34	38	16	6	1	0
OHIO UNIVERSITY	Ohio	139	14	125	0	4	29	23	29	12	1
WHEELING JESUIT UNIVERSITY	West Virginia	137	23	114	0	1	23	34	31	11	0
VIRGINIA TECH	Virginia	132	23	109	0	4	10	30	30	25	2
BLUE RIDGE COMM AND TECH COLL	West Virginia	117	63	54	1	21	36	30	12	1	0
LIBERTY UNIVERSITY	Virginia	106	55	51	1	5	17	36	23	15	4
WEST VIRGINIA HIGHER ED POLICY COMM	West Virginia	105	16	89	1	7	22	45	19	7	0
All Other Institutions		4,548	1,146	3,402	1	9	25	26	22	14	3
<b>Total</b>		<b>21,900</b>	<b>8,106</b>	<b>13,794</b>	<b>1</b>	<b>9</b>	<b>30</b>	<b>31</b>	<b>20</b>	<b>8</b>	<b>1</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.

**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>**

	N		Average ACT Scores							
			Writing		English		Reading		English / Language Arts	
			State	National	State	National	State	National	State	National
<b>All Students</b>	<b>1,556</b>	<b>519,922</b>	<b>18.0</b>	<b>19.3</b>	<b>22.2</b>	<b>21.8</b>	<b>23.1</b>	<b>22.9</b>	<b>21.1</b>	<b>21.3</b>
Black/African American	60	67,101	15.0	16.2	17.8	17.6	19.2	19.1	17.4	17.6
American Indian/Alaska Native	4	3,056	16.3	16.1	21.3	17.6	24.0	19.3	20.3	17.7
White	1,263	234,063	17.8	20.4	22.2	23.9	23.2	24.7	21.1	23.0
Hispanic/Latino	37	116,135	17.5	17.8	20.1	18.8	20.7	20.3	19.4	19.0
Asian	33	44,606	21.2	21.5	25.9	24.5	25.2	24.7	24.2	23.6
Native Hawaiian/Other Pac. Isl.	4	1,742	21.0	19.3	24.8	20.6	24.0	21.4	23.3	20.4
Two or More Races	89	21,475	19.4	19.9	22.3	22.6	23.4	23.6	21.7	22.0
Prefer not/No Response	66	31,744	19.3	19.9	23.5	22.8	24.2	23.8	22.3	22.2
Males	704	220,204	17.3	18.9	22.3	21.9	23.3	22.9	21.0	21.2
Females	852	298,512	18.5	19.6	22.1	21.8	22.9	22.8	21.2	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>**

	N		Average ACT Scores					
			English		Writing		English / Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>526</b>	<b>754,169</b>	<b>24.9</b>	<b>19.6</b>	<b>6.8</b>	<b>6.2</b>	<b>23.0</b>	<b>18.6</b>
Black/African American	14	85,940	18.1	14.6	5.7	5.1	16.9	13.9
American Indian/Alaska Native	3	5,558	16.7	15.2	6.3	5.0	16.7	14.2
White	431	407,944	24.9	21.4	6.8	6.5	23.0	20.2
Hispanic/Latino	16	115,338	27.8	17.1	7.7	6.0	25.8	16.5
Asian	15	30,233	30.1	23.2	7.6	7.1	27.3	22.0
Native Hawaiian/Other Pac. Isl.	2	3,063	21.5	15.9	5.0	5.6	19.0	15.3
Two or More Races	24	32,453	23.3	19.6	6.7	6.2	21.8	18.5
Prefer not/No Response	21	73,640	25.5	18.8	7.4	6.0	24.0	17.7
Males	216	367,696	25.0	19.2	6.7	5.9	23.0	18.0
Females	310	356,634	24.8	20.3	6.9	6.6	23.0	19.4
No Response	0	29,839	.	16.7	.	5.5	.	15.8

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



