

### Profile Report - State

**Graduating Class 2017** 

Virginia



Code 479999 Virginia

Total Students in Report: 25,518

#### New to your 2017 Profile Report

Though ACT will continue to report English, mathematics, reading, and science subject scores, beginning in September 2016, subscores such as rhetorical skills and arts/literature will be omitted. Instead, a comprehensive set of reporting categories aligned with ACT College and Career Readiness Standards and other standards that target college and career readiness will be included. This change will make it easier for students, parents, and educators to gain deeper insight into students' performance and better understand strengths and areas for improvement in each subject.

In this report, reporting category outcomes indicate the percentage of students with reporting category scores falling within associated ACT Readiness Ranges. These ranges reflect where a student who as met an associated ACT College Readiness Benchmark would typically perform in each reporting category.

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We are pleased to provide this 2017 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2017 graduates who took the ACT as sophomores, juniors, or seniors under standard- or extended-time conditions and achieved a college reportable composite score. The most recent set of test information is used in your report for students testing more than once.

#### 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.

Code 479999 Virginia

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

Tests of academic achievement in English, math, reading, science, STEM, 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 and Career 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. College and Career Readiness Standards to the Classroom interpretive guides can be found at <a href="https://www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html">www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html</a>.

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	<b>ACT Score</b>	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23
STEM	STEM	26

For more information, go to www.act.org

#### **How to Improve Scores and Increase College Readiness**

45% 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: 25,518 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. 90% 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, 13% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 11% of these students were college ready. In comparison, 65% 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 4% of the cohort took less than three years of natural science courses. 22% of these students were college ready. In comparison, 58% 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 and Career Readiness Standards score ranges. For example, approximately 32% 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 and Career Readiness Standards at at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether, among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1365 or customerservices@act.org.

# Section I Executive Summary

Beginning in August of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

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

To find the results of only standard time or extended time test takers, refer to Tables 1.8 and 1.9 on page 10.

Figure 1.1. Average Composite Scores: 5 Years of Testing\*

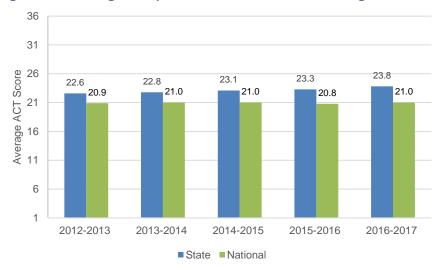


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

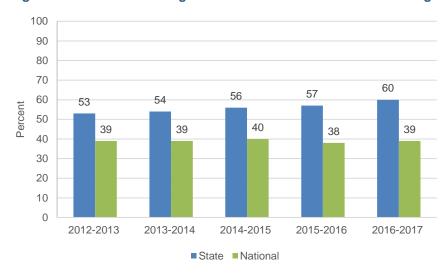


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

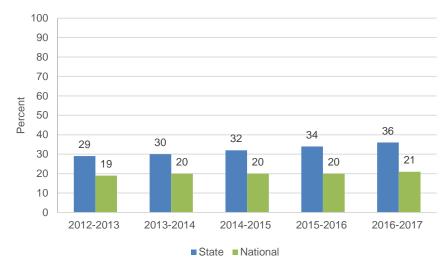
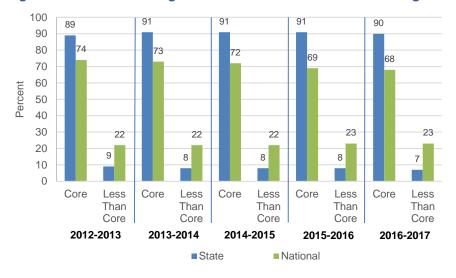


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



<sup>\*</sup> Missing columns in above graphs reflect years in which no students were tested.

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

	Number o	of Students	Percent Who Met Benchmarks												
	Te	sted	Eng	glish	Mathe	cience Met All Four									
Year	State	National	State	National	State	National	State	National	State	National	State	National			
2013	22,165	1,799,243	76	64	57	44	57	44	47	36	37	26			
2014	22,977	1,845,787	76	64	57	43	58	44	49	37	38	26			
2015	25,038	1,924,436	77	64	58	42	61	46	53	38	41	28			
2016	25,866	2,090,342	78	61	59	41	63	44	53	36	43	26			
2017	25,518	2,030,038	80	61	60	41	67	47	56	37	45	27			

Table 1.2. Five Year Trends—Average ACT Scores

	Number of	of Students												
	Te	sted	En	glish	Mathe	ematics	Rea	ading	Sci	ence	Com	posite		
Year	State	National	State	National	State	National	State	National	State	National	State	National		
2013	22,165	1,799,243	22.3	20.2	22.5	20.9	23.1	21.1	22.2	20.7	22.6	20.9		
2014	22,977	1,845,787	22.4	20.3	22.7	20.9	23.4	21.3	22.4	20.8	22.8	21.0		
2015	25,038	1,924,436	22.8	20.4	22.8	20.8	23.6	21.4	22.8	20.9	23.1	21.0		
2016	25,866	2,090,342	22.9	20.1	22.9	20.6	24.0	21.3	23.1	20.8	23.3	20.8		
2017	25,518	2,030,038	23.5	20.3	23.3	20.7	24.6	21.4	23.5	21.0	23.8	21.0		

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

		Number of Students	Average ACT Scores										
•	Year	Tested	English	Mathematics	Reading	Science	Composite						
2	2013	1,799,243	20.2	20.9	21.1	20.7	20.9						
2	2014	1,845,787	20.3	20.9	21.3	20.8	21.0						
2	2015	1,924,436	20.4	20.8	21.4	20.9	21.0						
2	2016	2,090,342	20.1	20.6	21.3	20.8	20.8						
2	2017	2,030,038	20.3	20.7	21.4	21.0	21.0						

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

									Average A	ACT Scores				
	Num	ber of		•		,	Ì				Ì		Ì	
	Student	s Tested	Perd	cent²	Eng	glish	Mathe	matics	Rea	ding	Sci	ence	Com	posite
			Core	Less										
	Core or	Less than	or	than	Core or	Less than	Core or	Less than	Core or	Less than	Core or	Less than	Core or	Less than
Year	More <sup>1</sup>	Core	More	Core	More	Core	More	Core	More	Core	More	Core	More	Core
2013	19,823	1,986	89	9	22.7	18.3	22.8	19.3	23.5	19.7	22.5	19.1	23.0	19.2
2014	20,801	1,900	91	8	22.7	18.8	23.0	19.6	23.7	20.2	22.7	19.4	23.1	19.6
2015	22,784	1,993	91	8	23.2	18.7	23.1	19.4	24.0	20.0	23.1	19.6	23.5	19.5
2016	23,440	2,130	91	8	23.3	18.8	23.2	19.4	24.4	20.2	23.4	19.7	23.7	19.7
2017	22,905	1,894	90	7	24.0	19.8	23.6	20.2	25.0	21.1	23.8	20.3	24.2	20.5

<sup>1&</sup>quot;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 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

2013				20	014	2015				2016			2017		
Race/Ethnicity	N	%	Avg												
All Students	22,165	100	22.6	22,977	100	22.8	25,038	100	23.1	25,866	100	23.3	25,518	100	23.8
Black/African American	3,916	18	17.8	3,969	17	17.9	4,011	16	18.3	4,329	17	18.4	3,626	14	19.0
American Indian/Alaska Native	73	0	21.4	66	0	20.6	75	0	21.2	62	0	22.6	46	0	21.2
White	12,913	58	23.9	13,202	57	24.0	14,379	57	24.2	14,629	57	24.4	14,207	56	24.9
Hispanic/Latino	1,528	7	21.8	1,652	7	21.9	1,937	8	22.1	1,935	7	22.4	2,087	8	22.4
Asian	1,333	6	25.1	1,515	7	25.0	1,847	7	25.7	1,922	7	26.1	2,189	9	26.7
Native Hawaiian/Other Pacific Islander	47	0	22.1	47	0	22.9	59	0	23.0	48	0	23.5	52	0	23.2
Two or more races	949	4	22.4	1,107	5	22.8	1,186	5	23.3	1,278	5	23.2	1,340	5	23.7
Prefer not to respond/No response	1,406	6	23.6	1,419	6	24.0	1,544	6	24.2	1,663	6	24.3	1,971	8	23.7

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

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Total Students in Report: 25,518

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

			Į.	All Tested Students	S		Students Meeting STEM Benchmarks							
	Num	ber of												
	Student	s Tested	Avg. ST	EM Score	<b>Percent Meeting</b>	STEM Benchmark	Avg. Mathe	matics Score	Avg. Science Score					
Year	State	National	State	National	State	National	State	National	State	National				
2013	22,165	1,799,243	22.6	21.1	29	19	28.7	28.7	28.0	28.0				
2014	22,977	1,845,787	22.8	21.1	30	20	28.9	28.7	28.4	28.3				
2015	25,038	1,924,436	23.0	21.1	32	20	28.9	28.7	28.6	28.4				
2016	25,866	2,090,342	23.2	20.9	34	20	28.8	28.7	28.9	28.6				
2017	25,518	2,030,038	23.6	21.1	36	21	29.1	28.7	29.0	28.7				

<sup>&</sup>lt;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>

								Text Com	plexity	Proficienc	y Level							
		ļ	Below P	roficient					Prof	icient					Above F	roficient		
		N	Pei	rcent	Avg. F	Reading		N Percent Avg. Reading							Percent Avg. Reading			
Year	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National
2013	0	0					0	0					0	0				
2014	0	0					0	0					0	0				
2015	0	0					0	0					0	0				
2016	6,699	485,762	26	23	17.0	17.0	5,852	322,548	23	15	23.8	23.6	5,482	235,380	21	11	30.6	30.3
2017	7,860	999,708	31	49	17.1	16.2	8,213	596,096	32	29	24.0	23.4	9,356	427,075	37	21	31.3	30.8

<sup>&</sup>lt;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.

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

	Student Group	Test Session			Average ACT Scores								
	Student Group	Duration	N	Percent	English	Mathematics	Reading	Science	Composite				
		Standard Time	24,702	97	23.6	23.3	24.5	23.5	23.8				
	State	Extended Time	816	3	23.3	22.8	25.6	23.6	23.9				
-		Total	25,518	100	23.5	23.3	24.6	23.5	23.8				
		Standard Time	1,927,386	95	20.5	20.8	21.5	21.1	21.1				
	National	Extended Time	102,652	5	17.5	18.5	19.5	18.9	18.7				
		Total	2,030,038	100	20.3	20.7	21.4	21.0	21.0				

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

Student Group	<b>Test Session</b>		Met			
Student Group	Duration	English	Mathematics	Reading	Science	All Four
	Standard Time	80	60	67	56	45
State	Extended Time	78	56	71	55	46
	Total	80	60	67	56	45
	Standard Time	63	41	48	38	28
National	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

Virginia

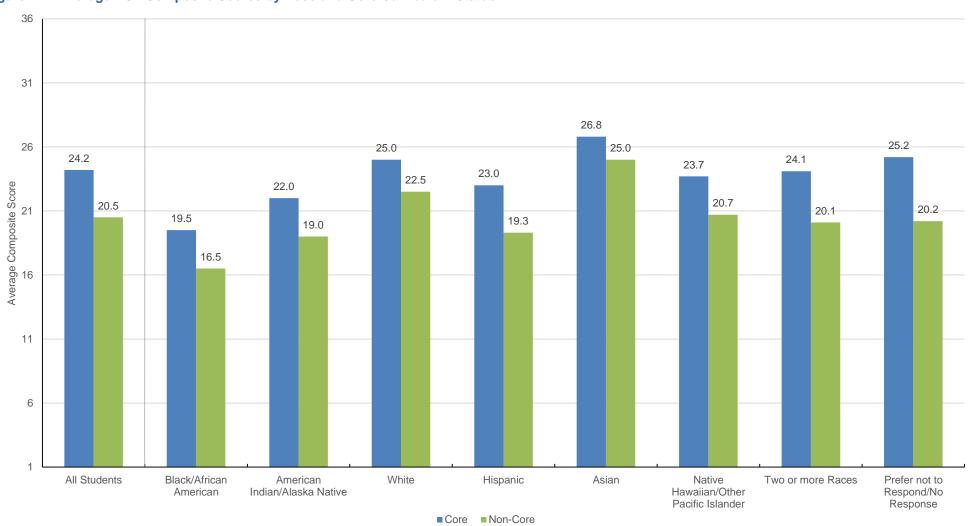
## Section II Academic Achievement

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.

Virginia

Total Students in Report: 25,518

Figure 2.1. Average ACT Composite Scores by Race and Core Curriculum Status\*



<sup>\*</sup>Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Virginia

Total Students in Report: 25,518

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

ACT Scale	Eng	lish	Mathe	matics	Rea	ding	Scie	ence	Comp	posite	ST	EM	ACT Scale
Score	N	СР	N	СР	N	СР	N	СР	N	СР	N	СР	Score
36	453	100	214	100	720	100	354	100	69	100	186	100	36
35	1,317	98	458	99	690	97	418	99	353	99	330	99	35
34	851	93	391	97	1,194	94	585	97	581	98	470	98	34
33	789	90	526	96	1,181	90	735	95	713	96	541	96	33
32	454	87	652	94	1,203	85	256	92	836	93	658	94	32
31	653	85	585	91	1,149	80	696	91	988	90	774	91	31
30	1,094	82	803	89	1,087	76	856	88	1,158	86	847	88	30
29	731	78	901	86	1,064	72	861	85	1,212	82	1,032	85	29
28	849	75	1,391	82	1,073	68	1,018	81	1,295	77	1,262	81	28
27	1,139	72	1,935	77	801	63	1,074	77	1,389	72	1,530	76	27
26	1,021	67	1,721	69	1,096	60	1,614	73	1,437	66	1,674	70	26
25	1,635	63	1,636	62	1,019	56	1,558	67	1,526	61	1,797	64	25
24	1,481	57	1,786	56	1,514	52	2,216	61	1,585	55	1,766	56	24
23	1,785	51	1,144	49	1,447	46	1,969	52	1,633	48	1,608	50	23
22	1,485	44	1,221	45	1,776	40	2,165	44	1,592	42	1,566	43	22
21	1,551	38	941	40	1,102	33	1,549	36	1,565	36	1,516	37	21
20	1,264	32	1,122	36	1,240	29	1,539	30	1,445	30	1,567	31	20
19	951	27	1,345	32	1,122	24	1,217	24	1,276	24	1,516	25	19
18	854	24	1,487	26	1,005	20	1,360	19	1,153	19	1,369	19	18
17	779	20	1,725	21	738	16	927	14	1,011	15	1,197	14	17
16	1,026	17	1,657	14	787	13	741	10	827	11	922	9	16
15	973	13	1,027	7	641	10	568	7	693	7	624	5	15
14	616	9	512	3	573	7	423	5	514	5	391	3	14
13	439	7	198	1	486	5	280	3	318	3	190	1	13
12	347	5	67	1	344	3	217	2	177	1	96	1	12
11	396	4	33	1	200	2	125	1	91	1	50	1	11
10	262	2	22	1	104	1	87	1	38	1	18	1	10
9	147	1	5	1	62	1	53	1	22	1	11	1	9
8	67	1	4	1	38	1	22	1	12	1	3	1	8
7	54	1	3	1	23	1	13	1	4	1	4	1	7
6	28	1	2	1	10	1	7	1	1	1	1	1	6
5	12	1	4	1	13	1	7	1	4	1	1	1	5
4	12	1	0	1	10	1	2	1	0	1	1	1	4
3	0	1	0	1	1	1	6	1	0	1	0	1	3
2	3	1	0	1	5	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.5	(6.8)	23.3	(5.7)	24.6	(6.7)	23.5	(5.6)	23.8 (5.6)		23.6 (5.3)		Avg (SD)

<sup>&</sup>lt;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.

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**Graduating Class 2017** 

Total Students in Report: 25,518

Figure 2.2. English Reporting Categories<sup>1</sup>

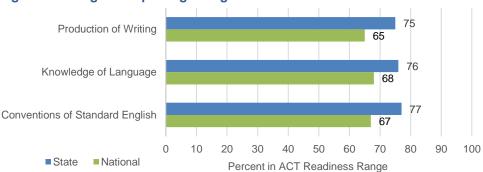


Figure 2.4. Reading Reporting Categories<sup>1</sup>

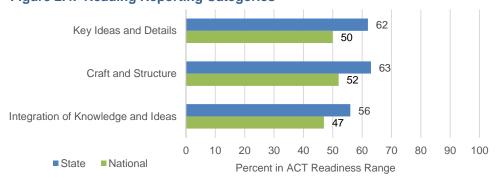


Figure 2.5. Science Reporting Categories<sup>1</sup>

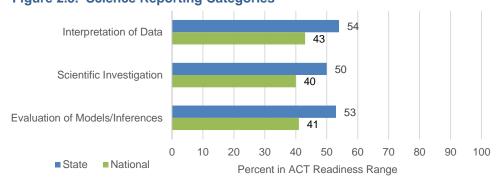
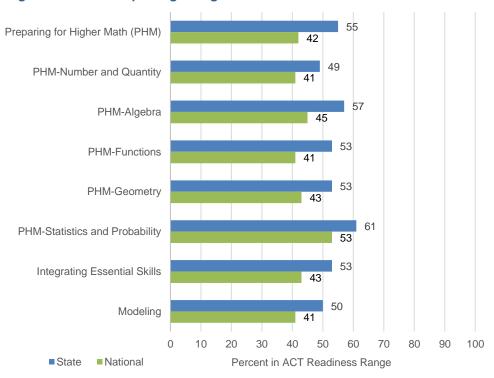


Figure 2.3. Math Reporting Categories<sup>1</sup>



The charts on this page show the percent of students whose reporting category scores fall within associated ACT Readiness Ranges. ACT Readiness Ranges reflect where a student who has met a particular subject area's ACT College Readiness Benchmark would typically perform within the associated reporting category.

<sup>1</sup>Reporting Categories are reported only for testing events beginning September 2016.

Table 2.2. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student		Number of	Percent Taking	Average ACT Co	omposite Score	
Group	Race/Ethnicity	Students Tested	Core or More <sup>1</sup>	Core or More	Less Than Core	
	All Students	25,518	90	24.2	20.5	
	Black/African American	3,626	84	19.5	16.5	
	American Indian/Alaska Native	46	80	22.0	19.0	
	White	14,207	93	25.0	22.5	
State	Hispanic/Latino	2,087	89	23.0	19.3	
	Asian	2,189	93	26.8	25.0	
	Native Hawaiian/Other Pac. Isl.	52	90	23.7	20.7	
	Two or More Races	1,340	91	24.1	20.1	
	Prefer not/No Response	1,971	71	25.2	20.2	
	All Students	2,030,038	68	22.1	18.9	
	Black/African American	256,756	63	17.9	16.0	
	American Indian/Alaska Native	16,135	54	18.7	16.4	
	White	1,062,439	72	23.4	20.2	
National	Hispanic/Latino	347,906	66	19.8	17.4	
	Asian	96,097	78	25.0	22.5	
	Native Hawaiian/Other Pac. Isl.	6,503	58	20.0	16.5	
	Two or More Races	86,119	68	22.2	19.3	
	Prefer not/No Response	158,083	46	22.6	18.3	

T"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 2.3. Average ACT Scores by Race/Ethnicity

Student									
Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
	All Students	25,518	100	23.5	23.3	24.6	23.5	23.8	23.6
	Black/African American	3,626	14	18.2	18.8	19.4	19.1	19.0	19.2
	American Indian/Alaska Native	46	0	20.0	20.8	22.3	20.9	21.2	21.2
	White	14,207	56	24.8	24.0	25.8	24.4	24.9	24.4
State	Hispanic/Latino	2,087	8	21.8	21.9	23.2	22.1	22.4	22.3
	Asian	2,189	9	26.3	27.5	26.5	26.0	26.7	27.0
	Native Hawaiian/Other Pac. Isl.	52	0	23.2	22.3	23.7	22.9	23.2	22.8
	Two or More Races	1,340	5	23.4	23.1	24.5	23.4	23.7	23.5
	Prefer not/No Response	1,971	8	23.4	23.3	24.5	23.3	23.7	23.5
	All Students	2,030,038	100	20.3	20.7	21.4	21.0	21.0	21.1
	Black/African American	256,756	13	16.0	17.1	17.4	17.4	17.1	17.5
	American Indian/Alaska Native	16,135	1	16.1	17.6	18.0	18.0	17.5	18.0
	White	1,062,439	52	22.1	21.9	23.0	22.3	22.4	22.3
National	Hispanic/Latino	347,906	17	17.7	18.9	19.3	19.1	18.9	19.2
	Asian	96,097	5	23.7	25.2	23.9	24.0	24.3	24.9
	Native Hawaiian/Other Pac. Isl.	6,503	0	17.2	18.6	18.6	18.7	18.4	18.9
	Two or More Races	86,119	4	20.6	20.7	21.9	21.2	21.2	21.2
	Prefer not/No Response	158,083	8	19.5	20.1	20.8	20.3	20.3	20.5

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Table 2.4. Average ACT Composite Scores for Gender by Level of Preparation

Student Group	Gender	Number of	Percent Taking	Average ACT C	omposite Score
Student Group	Gender	Students Tested	Core or More <sup>1</sup>	Core or More	Less Than Core
	Males	11,258	90	24.6	20.2
State	Females	13,985	91	24.0	20.9
	No Response	275	20	19.5	14.4
	Males	939,730	66	22.3	18.7
National	Females	1,047,170	71	21.9	19.3
	No Response	43,138	27	19.0	16.5

<sup>1&</sup>quot;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 Gender

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
	Males	11,258	44	23.4	24.1	24.5	24.1	24.2	24.4
State	Females	13,985	55	23.9	22.6	24.8	23.0	23.7	23.1
	No Response	275	1	15.5	17.7	17.8	17.5	17.2	17.9
	Males	939,730	46	19.9	21.2	21.2	21.3	21.0	21.5
National	Females	1,047,170	52	20.8	20.4	21.8	20.8	21.1	20.8
	No Response	43,138	2	16.4	17.8	17.9	18.1	17.7	18.2

#### **Table 2.6. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	28	27	30	27	28
Q2 (50th Percentile)	23	24	24	23	24
Q1 (25th Percentile)	19	18	20	20	20

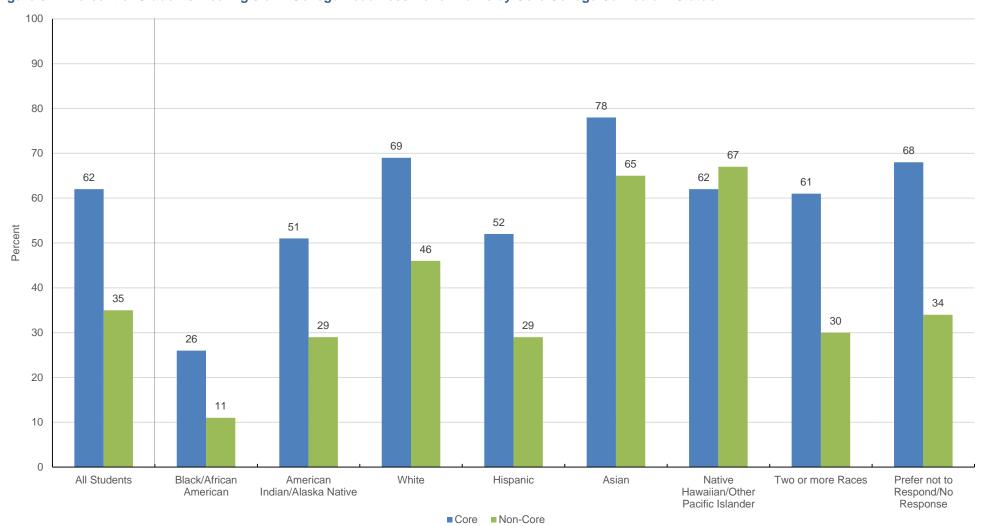
Virginia

Total Students in Report: 25,518

# 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.

Figure 3.1. Percent of Students Meeting 3 or 4 College Readiness Benchmarks by Core College Curriculum Status\*



<sup>\*</sup>Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Graduating Class 2017

Total Students in Report: 25,518

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

Student	CCRS	Eng	ılish 💮 💮 💮	Mathe	matics	Rea	ding	Scie	ence
Group	Range	N	%	N	%	N	%	N	%
	33 to 36	3,410	13	1,589	6	3,785	15	2,092	8
	28 to 32	3,781	15	4,332	17	5,576	22	3,687	14
	24 to 27	5,276	21	7,078	28	4,430	17	6,462	25
State	20 to 23	6,085	24	4,428	17	5,565	22	7,222	28
	16 to 19	3,610	14	6,214	24	3,652	14	4,245	17
	13 to 15	2,028	8	1,737	7	1,700	7	1,271	5
	01 to 12	1,328	5	140	1	810	3	539	2
	33 to 36	136,676	7	61,071	3	141,382	7	79,636	4
	28 to 32	180,218	9	192,088	9	276,868	14	159,638	8
	24 to 27	304,755	15	404,500	20	287,704	14	371,660	18
National	20 to 23	454,612	22	329,804	16	472,133	23	580,793	29
	16 to 19	372,731	18	686,547	34	426,969	21	513,876	25
	13 to 15	307,497	15	332,337	16	274,775	14	227,206	11
	01 to 12	273,549	13	23,691	1	150,207	7	97,229	5

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

Student Group	Gender		Per	cent of Stude	ents	Met
Student Group	Gender	English	Mathematics	Reading	Science	All Four
	Males	79	65	66	60	49
State	Females	81	57	68	53	43
	No Response	35	22	29	eading         Science         All F           66         60         49           68         53         49           29         19         13           46         40         29           49         35         29	13
	Males	59	44	46	40	29
National	Females	65	39	49	35	26
	No Response	37	19	24	18	10

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

Student			English Benchmark=18	Mathematics Benchmark=22	Reading Benchmark=22	Science Benchmark=23	All Four	STEM Benchmark=26
Group	Race/Ethnicity	N	%	%	%	%	%	%
•	All Students	25,518	80	60	67	56	45	36
	Black/African American	3,626	50	25	34	21	13	8
	American Indian/Alaska Native	46	63	48	50	39	28	11
	White	14,207	88	67	75	64	52	41
State	Hispanic/Latino	2,087	71	51	59	45	34	27
	Asian	2,189	89	85	77	73	64	62
	Native Hawaiian/Other Pac. Isl	52	81	56	65	63	42	25
	Two or More Races	1,340	79	59	65	55	46	37
	Prefer Not to Respond	1,971	76	59	66	55	47	40
	All Students	2,030,038	61	41	47	37	27	21
	Black/African American	256,756	33	13	20	11	6	4
	American Indian/Alaska Native	16,135	34	16	25	15	8	5
	White	1,062,439	74	51	58	47	35	26
National	Hispanic/Latino	347,906	46	26	33	22	14	10
	Asian	96,097	76	70	62	58	48	46
	Native Hawaiian/Other Pac. Isl	6,503	43	26	29	21	15	11
	Two or More Races	86,119	64	40	50	38	27	20
	Prefer Not to Respond	158,083	54	36	42	34	25	20

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score<sup>1</sup>

Student				Average
Group	ACT NCRC Level <sup>2</sup>	N	%	Composite
	Gold or Higher	11,557	45	29.0
State	Silver	11,260	44	20.8
State	Bronze	2,352	9	14.9
	Needs Improvement	349	1	11.0
	Gold or Higher	538,392	27	28.5
National	Silver	984,772	49	20.3
National	Bronze	440,158	22	14.7
	Needs Improvement	66,716	3	11.5

<sup>&</sup>lt;sup>1</sup>The ACT Composite scores associated with a 50% chance of earning each ACT NCRC level or higher are: 13 for Bronze, 17 for Silver, 25 for Gold, and 35 for Platinum. Based on those cut scores, students who earned an ACT Composite score of less than 13 would be classified as 'Needs Improvement', 13 to 16 as 'Bronze', 17 to 24 as 'Silver', and 25 or above as 'Gold or Higher' in the table above. For comparison, individual student score reports classify those who scored 12-13, 14-17, and 18 and higher as making progress toward Bronze, Silver, and Gold certificates.

<sup>&</sup>lt;sup>2</sup> Additional information on the ACT NCRC can be found at www.act.org.

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

	•							<u>,                                      </u>						
Student	Curriculum	N	Eng	lish	Mathe	matics	Rea	ding	Scie	ence	Comp	osite <sup>4</sup>	ST	EM
Group	Taken <sup>1</sup>	14	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
	Core or More <sup>2</sup>	22,905	83	24.0	63	23.6	69	25.0	58	23.8	48	24.2	38	24.0
State	Less than Core	1,894	55	19.8	37	20.2	43	21.1	33	20.3	25	20.5	21	20.5
	Missing <sup>3</sup>	719	48	18.3	34	19.4	43	20.6	32	19.7	25	19.6	20	19.8
	Core or More	1,376,479	70	21.6	48	21.7	54	22.6	44	21.9	33	22.1	25	22.1
National	Less than Core	464,989	46	17.9	26	18.8	33	19.3	24	19.1	16	18.9	11	19.2
	Missing	188,570	37	16.5	20	17.9	27	18.2	20	18.3	12	17.9	9	18.3

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

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

Student	Curriculum		English			lathematic	S	Reading					Science	
Group	Taken <sup>1</sup>	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	
	Core or More <sup>2</sup>	24,485	81	23.7	24,345	62	23.5	24,165	68	24.7	23,800	58	23.8	
State	Less than Core	322	62	20.1	462	13	16.9	639	56	23.3	1,006	22	18.6	
	Missing <sup>3</sup>	711	49	18.3	711	34	19.4	714	43	20.6	712	32	19.7	
	Core or More	1,749,083	65	20.9	1,754,759	44	21.2	1,634,115	51	22.0	1,601,572	42	21.7	
National	Less than Core	109,158	34	15.9	96,952	8	16.3	218,140	34	19.5	248,948	17	18.2	
	Missing	171,797	39	16.7	178,327	21	18.0	177,783	28	18.3	179,518	20	18.4	

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

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

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

<sup>&</sup>lt;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>&</sup>lt;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

Table 3.7. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Common Course Patterns									
Course Pattern			State			li de la companya de	National		
		Percent Taking	Avg ACT	Percent Who Met		Percent Taking	Avg ACT	Percent Who Met	
ENGLISH COURSE PATTERN	N	Pattern	English	Benchmark	N	Pattern	English	Benchmark	
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,659	18	24.2	82	372,397	18	22.0	72	
Eng 9, Eng 10, Eng 11, Eng 12	19,826	78	23.6	81	1,376,686	68	20.6	64	
Less than 4 years of English	322	1	20.1	62	109,158	5	15.9	34	
Zero years / no English courses reported	711	3	18.3	49	171,797	8	16.7	39	
		Percent Taking	Avg ACT	Percent Who Met		Percent Taking	Avg ACT	Percent Who Met	
MATHEMATICS COURSE PATTERN	N	Pattern	Math	Benchmark	N	Pattern	Math	Benchmark	
Alg 1, Alg 2, Geom, Trig, & Calc	2,305	9	25.0	77	117,096	6	23.2	62	
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,877	11	21.8	53	152,416	8	21.5	51	
Alg 1, Alg 2, Geom, & Trig	1,388	5	19.2	26	113,080	6	18.9	26	
Alg 1, Alg 2, Geom, & Other Adv Math	2,859	11	19.9	33	364,399	18	19.3	29	
Other comb of 4 or more years of Math	12,816	50	25.7	78	684,625	34	23.8	64	
Alg 1, Alg 2, & Geom	1,451	6	17.3	11	217,043	11	16.9	10	
Other comb of 3 or 3.5 years of Math	649	3	20.9	44	106,100	5	19.6	32	
Less than 3 years of Math	462	2	16.9	13	96,952	5	16.3	8	
Zero years / no Math courses reported	711	3	19.4	34	178,327	9	18.0	21	
		Percent Taking	Avg ACT	Percent Who Met		Percent Taking	Avg ACT	Percent Who Met	
SOCIAL SCIENCE COURSE PATTERN	N	Pattern	Reading	Benchmark	N	Pattern	Reading	Benchmark	
US Hist, World Hist, Am Gov, & Other Hist	983	4	24.5	65	52,959	3	22.1	51	
Other comb of 4 or more years Social Science	16,322	64	25.0	70	934,153	46	22.6	55	
US Hist, World Hist, & Am Gov	1,142	4	22.5	53	120,831	6	19.7	35	
Other comb of 3 or 3.5 years of Social Science	5,718	22	24.4	66	526,172	26	21.6	48	
Less than 3 years of Social Science	639	3	23.3	56	218,140	11	19.5	34	
Zero years / no Social Science courses reported	714	3	20.6	43	177,783	9	18.3	28	
		Percent Taking	Avg ACT	Percent Who Met		Percent Taking	Avg ACT	Percent Who Met	
NATURAL SCIENCE COURSE PATTERN	N	Pattern	Science	Benchmark	N	Pattern	Science	Benchmark	
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	14,034	55	24.5	64	809,286	40	22.4	48	
Bio, Chem, Phys	2,954	12	26.5	78	225,060	11	23.2	53	
Gen Sci <sup>1</sup> , Bio, Chem	6,407	25	21.2	37	513,247	25	20.2	30	
Other comb of 3 years of Natural Science	405	2	20.8	36	53,979	3	19.1	24	
Less than 3 years of Natural Science	1,006	4	18.6	22	248,948	12	18.2	17	
Zero years / no Natural Science courses reported	712	3	19.7	32	179,518	9	18.4	20	

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

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

Table 3.8. College Readiness Benchmark (CRB) Percent and Average ACT Scores for Gender by Common Course Patterns												
Course Pattern		All	Students			1	Males			F	emales	
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
ENGLISH COURSE PATTERN	N	Percent	English	Benchmark	N	Percent	English	Benchmark	N	Percent	English	Benchmark
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,659	18	24.2	82	1,949	17	23.9	80	2,705	19	24.4	84
Eng 9, Eng 10, Eng 11, Eng 12	19,826	78	23.6	81	8,859	79	23.5	80	10,893	78	23.8	82
Less than 4 years of English	322	1	20.1	62	137	1	20.1	59	173	1	20.9	68
Zero years / no English courses reported	711	3	18.3	49	313	3	18.6	52	214	2	20.3	56
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
MATHEMATICS COURSE PATTERN	N	Percent	Math	Benchmark	N	Percent	Math	Benchmark	N	Percent	Math	Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	2,305	9	25.0	77	903	8	25.7	81	1,396	10	24.6	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,877	11	21.8	53	1,023	9	22.2	56	1,853	13	21.6	52
Alg 1, Alg 2, Geom, & Trig	1,388	5	19.2	26	569	5	19.7	31	818	6	18.8	23
Alg 1, Alg 2, Geom, & Other Adv Math	2,859	11	19.9	33	1,027	9	20.0	35	1,807	13	19.8	33
Other comb of 4 or more years of Math	12,816	50	25.7	78	6,344	56	26.5	82	6,452	46	24.9	74
Alg 1, Alg 2, & Geom	1,451	6	17.3	11	583	5	17.5	14	850	6	17.1	9
Other comb of 3 or 3.5 years of Math	649	3	20.9	44	298	3	21.0	41	343	2	21.0	48
Less than 3 years of Math	462	2	16.9	13	200	2	16.7	11	251	2	17.2	14
Zero years / no Math courses reported	711	3	19.4	34	311	3	20.4	40	215	2	19.8	37
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
SOCIAL SCIENCE COURSE PATTERN	N	Percent	Reading	Benchmark	N	Percent	Reading	Benchmark	N	Percent	Reading	Benchmark
US Hist, World Hist, Am Gov, & Other Hist	983	4	24.5	65	476	4	23.7	61	506	4	25.2	69
Other comb of 4 or more years Social Science	16,322	64	25.0	70	7,096	63	24.8	68	9,194	66	25.1	71
US Hist, World Hist, & Am Gov	1,142	4	22.5	53	514	5	22.8	56	619	4	22.3	50
Other comb of 3 or 3.5 years of Social Science	5,718	22	24.4	66	2,572	23	24.5	66	3,116	22	24.4	66
Less than 3 years of Social Science	639	3	23.3	56	288	3	23.1	55	334	2	24.0	59
Zero years / no Social Science courses reported	714	3	20.6	43	312	3	21.0	45	216	2	22.5	52
			ACT	% Who Met			ACT	% Who Met			ACT	% Who Met
NATURAL SCIENCE COURSE PATTERN	N	Percent	Science	Benchmark	N	Percent	Science	Benchmark	N	Percent	Science	Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	14,034	55	24.5	64	6,849	61	25.1	68	7,157	51	23.9	60
Bio, Chem, Phys	2,954	12	26.5	78	1,325	12	27.4	83	1,612	12	25.8	75
Gen Sci <sup>2</sup> , Bio, Chem	6,407	25	21.2	37	2,153	19	21.1	37	4,234	30	21.3	37
Other comb of 3 years of Natural Science	405	2	20.8	36	206	2	21.6	43	194	1	20.2	29
Less than 3 years of Natural Science	1,006	4	18.6	22	413	4	18.0	19	573	4	19.2	25
Zero years / no Natural Science courses reported	712	3	19.7	32	312	3	20.4	37	215	2	20.8	39
1 Includes Coneral Physical and Earth Sciences		•				•						

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

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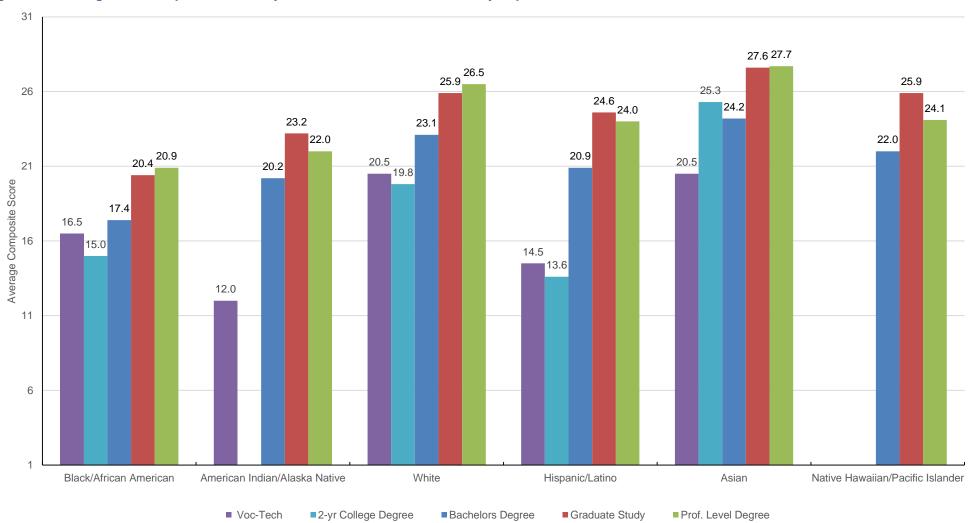
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### Section IV Career and Educational Aspirations

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.

Virginia

Figure 4.1. Average ACT Composite Scores by Race and Student Postsecondary Aspirations\*



<sup>\*</sup>Missing columns reflect combinations of race/ethnicity and postsecondary aspiration in which one or both indicators are missing.

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

		All Students		Plan on 2	Years or Less	of College	Plan on 4	Years or More	of College
Planned Educational Major	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	265	1	22.3	3	2	21.0	254	1	22.4
Architecture	270	1	23.6	1	1	23.0	239	1	23.7
Area, Ethnic, & Multidisciplinary Studies	52	0	25.1	1	1	23.0	47	0	24.8
Arts: Visual & Performing	1,139	4	22.5	16	9	17.8	1,047	5	22.6
Business	2,612	10	23.1	28	16	18.9	2,386	11	23.2
Communications	517	2	22.7	3	2	18.0	482	2	22.8
Community, Family, & Personal Services	249	1	19.9	3	2	16.7	233	1	19.9
Computer Science & Mathematics	1,257	5	25.9	9	5	21.3	1,146	5	25.8
Education	891	3	21.8	1	1	8.0	835	4	21.9
Engineering	2,815	11	26.3	4	2	19.8	2,600	12	26.3
Engineering Technology & Drafting	251	1	23.0	3	2	20.7	232	1	23.0
English & Foreign Languages	329	1	25.7	1	1	16.0	306	1	25.7
Health Administration & Assisting	445	2	19.7	12	7	16.3	392	2	19.9
Health Sciences & Technologies	3,905	15	23.0	25	15	17.8	3,646	16	23.1
Philosophy, Religion, & Theology	81	0	23.2	1	1	10.0	75	0	23.5
Repair, Production, & Construction	43	0	19.3	12	7	17.3	27	0	20.4
Sciences: Biological & Physical	2,716	11	25.4	4	2	23.5	2,549	11	25.3
Social Sciences & Law	2,362	9	23.7	7	4	17.7	2,230	10	23.8
Undecided	4,664	18	24.3	29	17	18.6	3,803	17	24.4
No Response	653	3	18.6	7	4	13.3	27	0	22.1

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

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

All Racial/Ethnic Groups Educational Degree Combined		Black/African American		American Indian/ Alaska Native		Wi	nite	Hispanic/Latino		
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	60	19.3	11	16.5	1	12.0	27	20.5	2	14.5
2-yr College Degree	110	17.6	29	15.0	0		55	19.8	5	13.6
Bachelors Degree	9,078	22.0	1,383	17.4	16	20.2	5,443	23.1	748	20.9
Graduate Study	6,784	25.3	707	20.4	13	23.2	4,301	25.9	481	24.6
Prof. Level Degree	6,696	25.4	1,114	20.9	10	22.0	3,301	26.5	609	24.0
Other	162	21.6	34	16.8	0		65	23.0	15	21.6
No Response	2,628	22.8	348	16.7	6	19.5	1,015	25.1	227	18.5

All Racial/Ethnic Groups Educational Degree Combined		Asian			lawaiian/ Islander	Two or n	nore races	Prefer not to respond/ No Response		
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	60	19.3	11	20.5	0		3	17.7	5	20.6
2-yr College Degree	110	17.6	3	25.3	0		4	16.0	14	14.4
Bachelors Degree	9,078	22.0	560	24.2	23	22.0	490	21.7	415	22.1
Graduate Study	6,784	25.3	515	27.6	9	25.9	352	25.3	406	26.2
Prof. Level Degree	6,696	25.4	819	27.7	15	24.1	392	25.1	436	26.3
Other	162	21.6	16	23.6	0		17	24.5	15	21.1
No Response	2,628	22.8	265	27.5	5	21.0	82	23.4	680	21.9

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

Table 4.3. Students' Score Report Preferences at Tim	e of Testing										
				Percent of Students in							
		Num	ber of Stude	ents	C	ollege	Readin	ess Sta	indards	Range	es
				2nd-6th							
Name	State	Total	1st Choice	Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
VIRGINIA TECH	Virginia	3,270	1,158	2,112	0	1	9	24	31	28	6
JAMES MADISON UNIVERSITY	Virginia	3,004	836	2,168	0	3	16	31	29	18	2
UNIVERSITY OF VIRGINIA	Virginia	2,668	915	1,753	0	1	6	17	28	37	11
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	2,262	593	1,669	1	7	23	31	23	13	2
GEORGE MASON UNIVERSITY	Virginia	1,935	524	1,411	1	4	20	31	25	17	2
OLD DOMINION UNIVERSITY	Virginia	1,338	330	1,008	3	14	33	30	14	6	0
CHRISTOPHER NEWPORT UNIVERSITY	Virginia	1,201	291	910	0	4	19	31	29	15	1
COLLEGE OF WILLIAM AND MARY	Virginia	1,157	313	844	0	1	5	13	28	41	10
RADFORD UNIVERSITY	Virginia	968	303	665	1	12	37	33	13	3	0
LONGWOOD UNIVERSITY	Virginia	706	162	544	1	7	30	36	20	6	0
LIBERTY UNIVERSITY	Virginia	672	359	313	1	5	24	35	23	11	1
UNIVERSITY OF MARY WASHINGTON	Virginia	617	116	501	1	4	19	31	29	14	1
VIRGINIA STATE UNIVERSITY	Virginia	409	138	271	10	34	37	15	3	1	0
NORFOLK STATE UNIVERSITY	Virginia	390	120	270	11	35	36	14	3	1	0
NCAA ELIGIBILITY CENTER	Indiana	378	240	138	2	10	27	25	17	15	3
UNIV OF NORTH CAROLINA AT CHAPEL HILL	North Carolina	355	71	284	0	3	6	14	30	36	10
HAMPTON UNIVERSITY	Virginia	342	86	256	4	20	39	27	7	2	0
UNIV OF SOUTH CAROLINA-COLUMBIA	South Carolina	325	74	251	0	0	9	31	31	26	3
UNIVERSITY OF RICHMOND	Virginia	317	60	257	2	6	12	20	28	29	3
WEST VIRGINIA UNIVERSITY	West Virginia	288	79	209	0	6	18	38	25	11	1
DUKE UNIVERSITY	North Carolina	276	80	196	0	3	6	14	20	34	22
NORTH CAROLINA STATE UNIV AT RALEIGH	North Carolina	264	48	216	0	2	13	21	33	28	4
VIRGINIA MILITARY INSTITUTE	Virginia	242	112	130	1	4	20	34	24	14	2
LYNCHBURG COLLEGE	Virginia	235	64	171	1	11	27	35	20	6	0
CLEMSON UNIVERSITY	South Carolina	234	55	179	0	0	6	22	31	33	7
BRIDGEWATER COLLEGE	Virginia	211	64	147	0	14	27	36	15	6	1
RANDOLPH-MACON COLLEGE	Virginia	203	45	158	0	7	21	35	25	10	1
HOWARD UNIVERSITY	District of Columbia	194	76	118	1	11	39	32	10	6	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	194	44	150	1	7	18	22	24	25	4
UNITED STATES NAVAL ACADEMY	Maryland	193	108	85	0	1	8	18	32	33	8
All Other Institutions		14,813	4,064	10,749	1	6	17	23	22	23	8
Total		39,661	11,528	28,133	1	6	18	25	24	21	5

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Total Students in Report: 25,518

**Graduating Class 2017** 

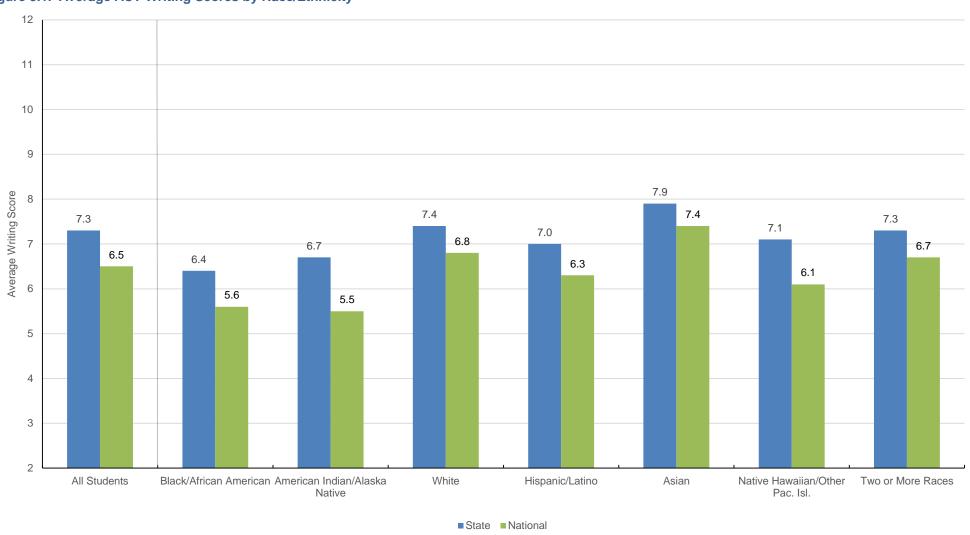
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### Section V **Optional Writing Test Results**

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.

Figure 5.1. Average ACT Writing Scores by Race/Ethnicity\*



<sup>\*</sup>Missing columns reflect race/ethnicity groupings that are missing.
Results based on students with ACT Writing scores from test events beginning September 2015. Score scale is 2-12.

Table 5.1. Average ACT English Language Arts and Constituent Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing<sup>1</sup>

Table 3.1. Average AOT English			Average ACT Scores								
	N.		Wri	Writing		glish	Reading		English Language Arts		
	N National		State National		State National		State National		State	National	
All Students	14,095	1,090,621	7.3	6.5	25.0	20.9	25.8	22.0	23.6	20.2	
Black/African American	1,603	125,357	6.4	5.6	19.3	16.2	20.5	17.7	18.9	16.0	
American Indian/Alaska Native	28	7,357	6.7	5.5	20.8	15.9	23.4	17.9	20.8	16.0	
White	7,656	525,822	7.4	6.8	26.2	22.8	26.9	23.8	24.6	21.8	
Hispanic/Latino	1,224	218,012	7.0	6.3	22.8	18.1	24.1	19.7	22.1	18.1	
Asian	1,509	72,490	7.9	7.4	27.6	24.5	27.5	24.7	25.8	23.3	
Native Hawaiian/Other Pac. Isl.	29	4,270	7.1	6.1	25.2	17.5	24.7	18.8	23.1	17.5	
Two or More Races	758	48,148	7.3	6.7	24.8	21.2	25.6	22.5	23.5	20.6	
Prefer not/No Response	1,288	89,165	7.2	6.4	24.3	20.6	25.2	21.7	23.1	19.8	
Males	5,992	496,038	7.2	6.3	25.1	20.6	25.9	21.8	23.6	19.8	
Females	7,847	568,720	7.4	6.8	25.2	21.4	25.9	22.4	23.9	20.8	
No Response	256	25,863	5.7	5.5	15.9	16.4	18.1	18.0	16.4	16.3	

Results based on students with ACT writing scores with test events beginning September 2015. The writing score range is 2-12 (i.e., the rounded average of the four domain scores).

Table 5.2. Average ACT English and Writing Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing<sup>1</sup>

3					Average A	CT Scores			
							Engl	lish /	
	N		Eng	llish	Wri	ting	Writing Combined		
	State	National	State	National	State	National	State	National	
All Students	61	3,655	24.4	23.5	6.9	6.8	22.6	22.0	
Black/African American	4	200	17.8	18.5	7.0	6.1	18.0	17.6	
American Indian/Alaska Native	0	14	-	19.9	Ē	5.9		18.6	
White	36	2,049	23.6	24.1	6.8	6.9	21.9	22.5	
Hispanic/Latino	4	588	23.8	18.4	6.3	5.8	21.5	17.2	
Asian	8	367	29.6	29.5	7.9	8.1	27.5	27.5	
Native Hawaiian/Other Pac. Isl.	0	2	-	21.5	Ē	6.0		20.0	
Two or More Races	3	123	24.7	24.6	6.7	6.9	22.3	22.8	
Prefer not/No Response	6	312	26.8	25.5	6.5	6.9	24.0	23.5	
Males	33	1,700	23.8	23.6	6.6	6.6	21.9	21.9	
Females	28	1,955	25.1	23.5	7.2	6.9	23.4	22.0	
No Response	0	0							

<sup>&</sup>lt;sup>1</sup>Results based on students with ACT writing scores with test events prior to September 2015. The writing score range is 2-12.