



Profile Report - State

Graduating Class 2018

North Dakota



New to your 2018 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 has met an associated ACT College Readiness Benchmark would typically perform in each reporting category.

This report includes percentage of students meeting/exceeding the ACT College Readiness Benchmark for English Language Arts (ELA). This benchmark reflects a score of 20.

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Average ACT Writing Scores by Race/Ethnicity
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We are pleased to provide this 2018 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2018 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.

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

Tests of academic achievement in English, math, reading, science, STEM, and (optional) ELA and writing
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 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, STEM and ELA. 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
ELA	ELA	20

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

23% 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: 7,282 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. 50% 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 11% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 21% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 60% 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 22% of the cohort took less than three years of natural science courses. 16% of these students were college ready. In comparison, 44% 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 52% 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 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

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

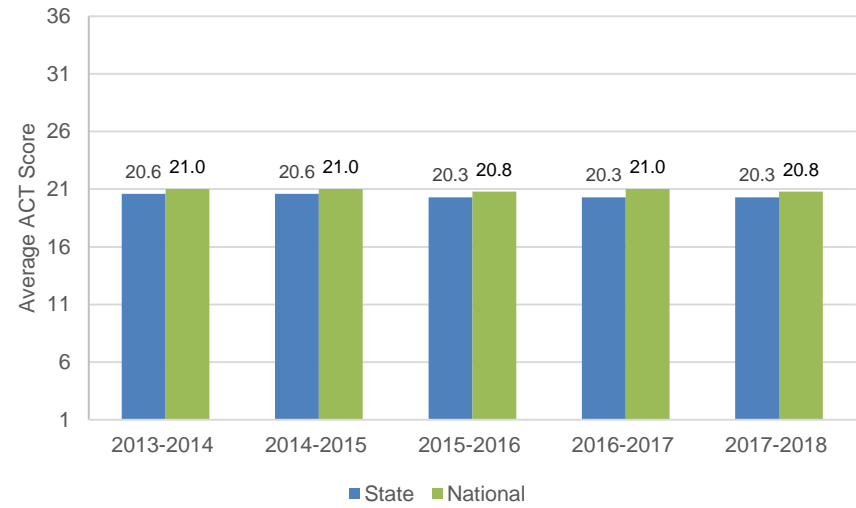


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

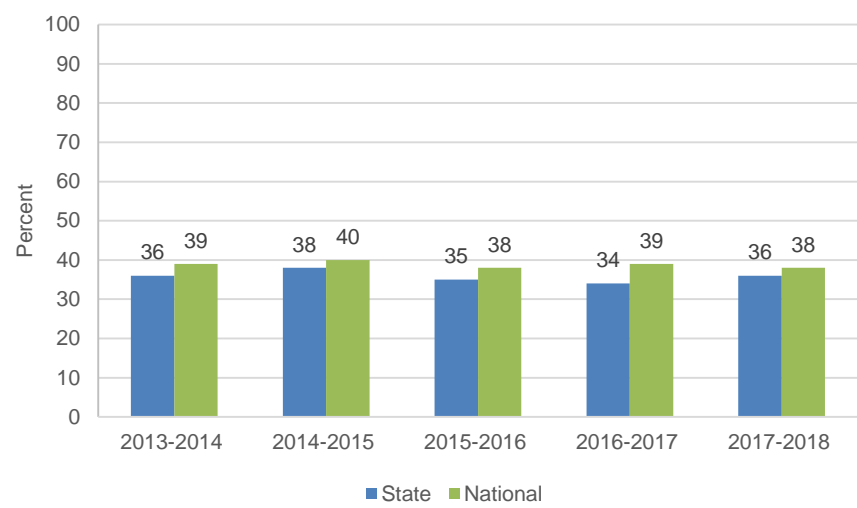


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

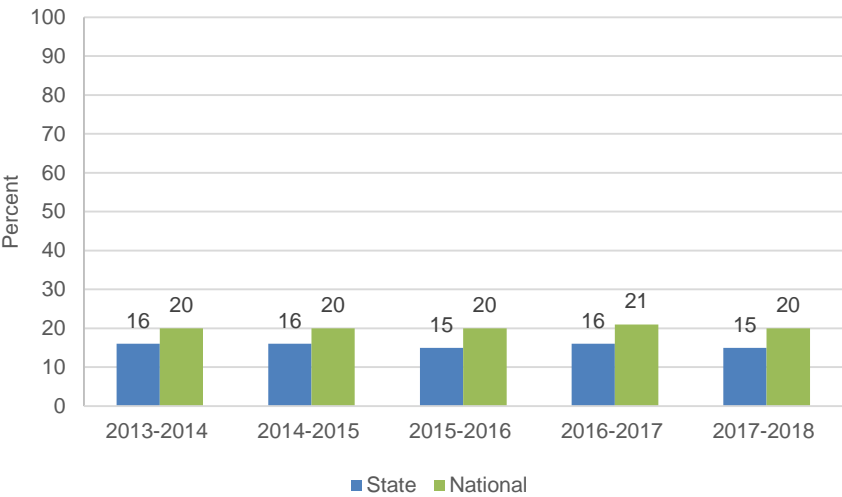
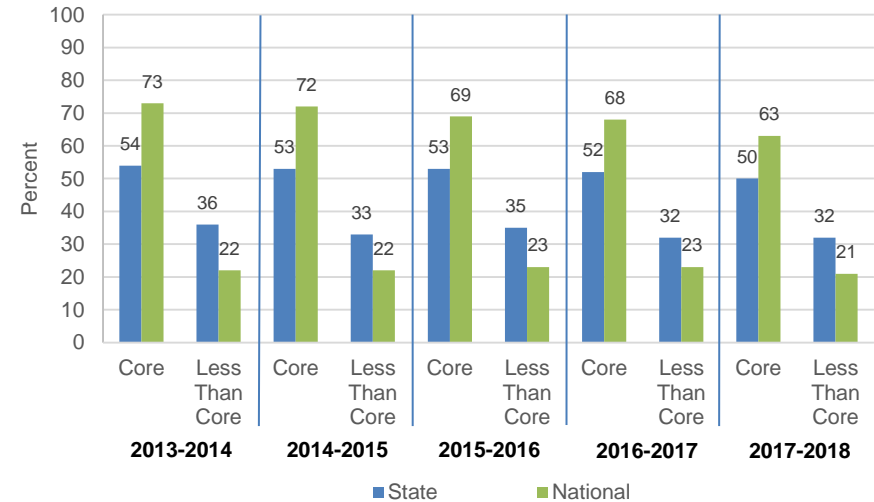


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



* Missing columns in above graphs reflect years in which no students were tested.

Total Students in Report: 7,282

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
2014	7,227	1,845,787	62	64	41	43	42	44	34	37	23	26
2015	7,162	1,924,436	62	64	42	42	41	46	38	38	24	28
2016	7,379	2,090,342	58	61	38	41	41	44	33	36	22	26
2017	7,399	2,030,038	56	61	40	41	40	47	33	37	22	27
2018	7,282	1,914,817	57	60	39	40	43	46	34	36	23	27

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2014	7,227	1,845,787	19.6	20.3	20.7	20.9	20.8	21.3	20.6	20.8	20.6	21.0
2015	7,162	1,924,436	19.6	20.4	20.6	20.8	20.7	21.4	20.8	20.9	20.6	21.0
2016	7,379	2,090,342	19.1	20.1	20.3	20.6	20.7	21.3	20.7	20.8	20.3	20.8
2017	7,399	2,030,038	19.0	20.3	20.4	20.7	20.5	21.4	20.6	21.0	20.3	21.0
2018	7,282	1,914,817	19.1	20.2	20.3	20.5	20.7	21.3	20.5	20.7	20.3	20.8

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores				
			English	Mathematics	Reading	Science	Composite
2014	1,845,787		20.3	20.9	21.3	20.8	21.0
2015	1,924,436		20.4	20.8	21.4	20.9	21.0
2016	2,090,342		20.1	20.6	21.3	20.8	20.8
2017	2,030,038		20.3	20.7	21.4	21.0	21.0
2018	1,914,817		20.2	20.5	21.3	20.7	20.8

Total Students in Report: 7,282

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2014	3,916	2,589	54	36	21.8	17.1	22.6	18.4	22.8	18.7	22.5	18.5	22.5	18.3
2015	3,817	2,348	53	33	21.7	17.1	22.5	18.3	22.5	18.5	22.5	18.7	22.4	18.3
2016	3,901	2,551	53	35	21.3	16.8	22.2	18.2	22.5	18.8	22.5	18.8	22.2	18.3
2017	3,858	2,401	52	32	21.1	16.6	22.3	18.2	22.4	18.3	22.3	18.7	22.2	18.1
2018	3,617	2,312	50	32	21.2	17.1	22.1	18.3	22.5	19.0	22.3	18.8	22.1	18.4

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

Race/Ethnicity	2014			2015			2016			2017			2018		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	7,227	100	20.6	7,162	100	20.6	7,379	100	20.3	7,399	100	20.3	7,282	100	20.3
Black/African American	124	2	16.3	134	2	16.3	151	2	16.0	169	2	16.0	243	3	16.8
American Indian/Alaska Native	319	4	16.3	301	4	16.4	324	4	16.2	315	4	16.0	353	5	16.3
White	5,882	81	21.1	5,359	75	21.3	5,515	75	21.0	5,511	74	20.9	5,306	73	21.0
Hispanic/Latino	229	3	18.0	240	3	17.8	268	4	18.5	294	4	18.2	337	5	18.2
Asian	103	1	20.5	86	1	19.6	95	1	19.1	102	1	20.4	115	2	19.5
Native Hawaiian/Other Pacific Islander	10	0	16.4	13	0	18.1	16	0	17.3	10	0	16.8	12	0	17.5
Two or more races	282	4	19.9	225	3	19.4	270	4	20.1	301	4	19.9	278	4	19.6
Prefer not to respond/No response	278	4	19.7	804	11	19.5	740	10	19.0	697	9	18.8	638	9	19.0

Total Students in Report: 7,282

Table 1.6. Five Year Trends—Achievement in STEM¹

Year	All Tested Students						Students Meeting STEM Benchmarks			
	Number of Students Tested		Avg. STEM Score		Percent Meeting STEM Benchmark		Avg. Mathematics Score		Avg. Science Score	
	State	National	State	National	State	National	State	National	State	National
2014	7,227	1,845,787	20.9	21.1	16	20	28.2	28.7	27.5	28.3
2015	7,162	1,924,436	21.0	21.1	16	20	28.1	28.7	27.9	28.4
2016	7,379	2,090,342	20.8	20.9	15	20	27.8	28.7	27.9	28.6
2017	7,399	2,030,038	20.8	21.1	16	21	28.0	28.7	27.7	28.7
2018	7,282	1,914,817	20.6	20.9	15	20	28.1	28.8	27.9	28.8

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

Table 1.7. Proficiency In Understanding Complex Texts¹

Year	Below Proficient						Text Complexity Proficiency Level 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
2014	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2015	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2016	1,113	485,762	15	23	17.7	17.0	748	322,548	10	15	23.5	23.6	456	235,380	6	11	29.4	30.3
2017	4,130	999,708	56	49	16.4	16.2	2,114	596,096	29	29	23.3	23.4	1,149	427,075	16	21	30.0	30.8
2018	4,100	1,010,339	56	53	16.8	16.3	1,998	492,937	27	26	23.4	23.6	1,184	411,541	16	21	29.8	31.0

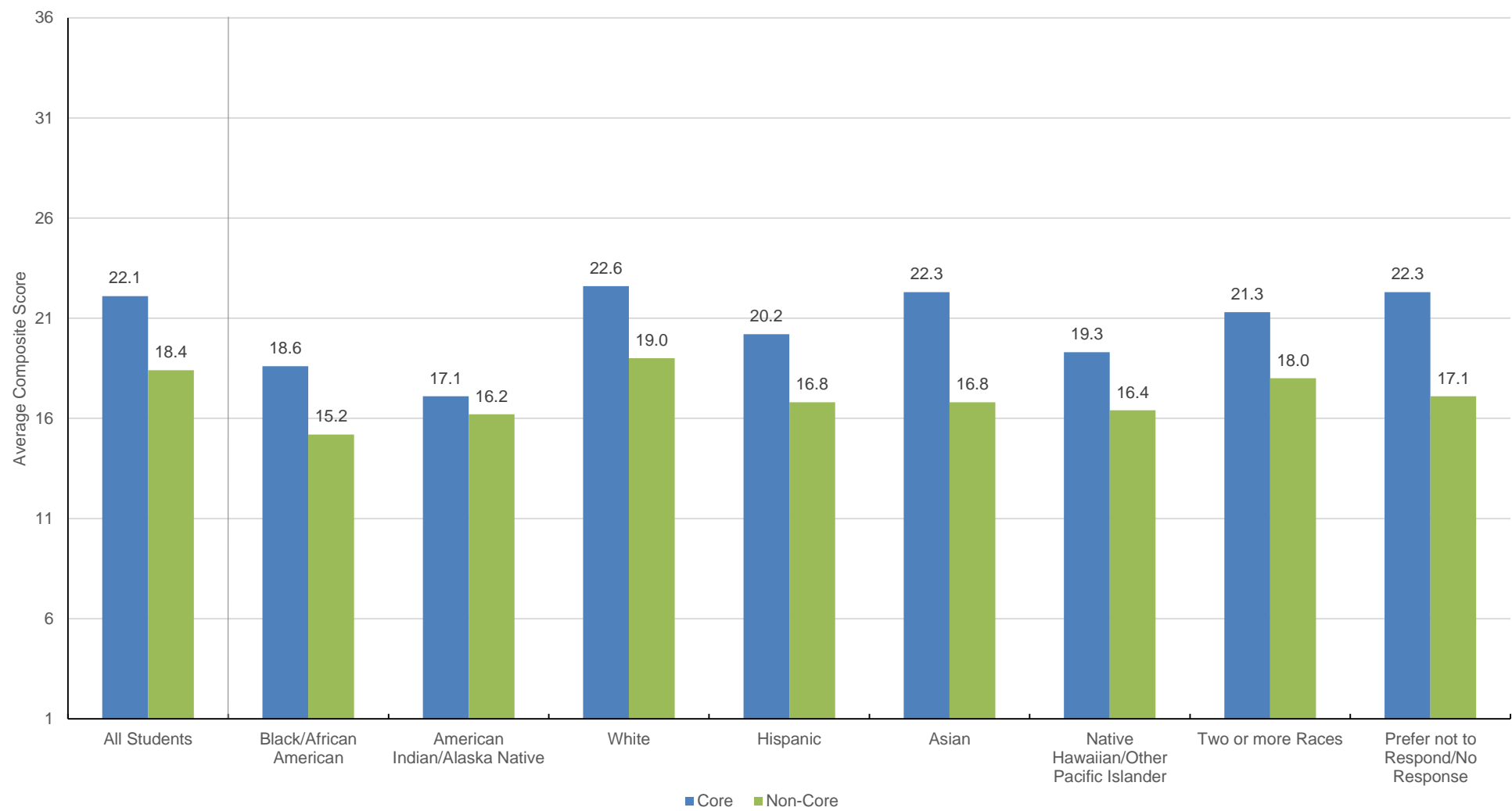
¹The text complexity indicator, beginning in Fall 2015, represents students' progress toward understanding complex written material often encountered in college and careers.

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Section II

Academic Achievement

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



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

Total Students in Report: 7,282

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), and Score Averages

ACT Scale	English		Mathematics		Reading		Science		Composite		STEM		ELA ²		ACT Scale
Score	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	Score
36	12	100	4	100	22	100	9	100	3	100	3	100	0	100	36
35	60	99	23	99	56	99	26	99	10	99	17	99	0	100	35
34	68	99	27	99	83	99	46	99	18	99	22	99	1	100	34
33	62	98	37	99	104	98	44	99	42	99	37	99	3	99	33
32	64	97	37	99	180	96	42	98	68	99	51	99	13	99	32
31	55	96	60	98	128	94	80	98	71	98	69	98	28	99	31
30	62	96	94	97	134	92	40	97	107	97	82	97	41	99	30
29	105	95	113	96	132	90	96	96	115	96	118	96	42	98	29
28	73	93	229	95	241	88	146	95	155	94	151	95	62	98	28
27	175	92	268	91	194	85	164	93	214	92	255	92	95	96	27
26	181	90	306	88	253	83	279	90	282	89	316	89	108	94	26
25	293	87	439	84	251	79	437	87	374	85	382	85	135	92	25
24	359	83	361	78	429	76	447	81	417	80	467	79	175	90	24
23	417	78	414	73	388	70	636	75	406	74	500	73	223	86	23
22	444	73	411	67	552	64	417	66	456	69	435	66	252	82	22
21	470	67	230	61	376	57	695	60	540	62	500	60	286	77	21
20	420	60	470	58	578	52	608	51	529	55	524	53	280	72	20
19	452	54	326	52	374	44	509	42	580	48	635	46	350	66	19
18	383	48	687	47	422	39	602	35	549	40	634	37	370	59	18
17	361	43	702	38	402	33	380	27	522	32	612	29	374	52	17
16	409	38	874	28	530	27	526	22	482	25	551	20	390	45	16
15	673	32	604	16	332	20	291	14	501	18	459	13	356	38	15
14	396	23	432	8	299	15	233	10	416	12	276	6	348	31	14
13	302	18	102	2	336	11	262	7	274	6	135	3	316	24	13
12	286	14	20	1	227	7	112	4	107	2	40	1	259	18	12
11	350	10	9	1	122	4	82	2	37	1	10	1	220	13	11
10	212	5	1	1	71	2	47	1	4	1	1	1	163	8	10
9	97	2	2	1	27	1	16	1	2	1	0	1	135	5	9
8	27	1	0	1	19	1	10	1	1	1	0	1	93	3	8
7	8	1	0	1	11	1	0	1	0	1	0	1	35	1	7
6	3	1	0	1	4	1	0	1	0	1	0	1	7	1	6
5	3	1	0	1	3	1	0	1	0	1	0	1	5	1	5
4	0	1	0	1	1	1	0	1	0	1	0	1	1	1	4
3	0	1	0	1	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	19.1 (5.8)		20.3 (4.8)		20.7 (6.0)		20.5 (4.8)		20.3 (4.8)		20.6 (4.6)		17.5 (5.2)		Avg (SD)

¹ CP is the cumulative percent of students at or below a score point.

² ELA scores are derived only for students with a valid writing score.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Figure 2.2. English Reporting Categories¹

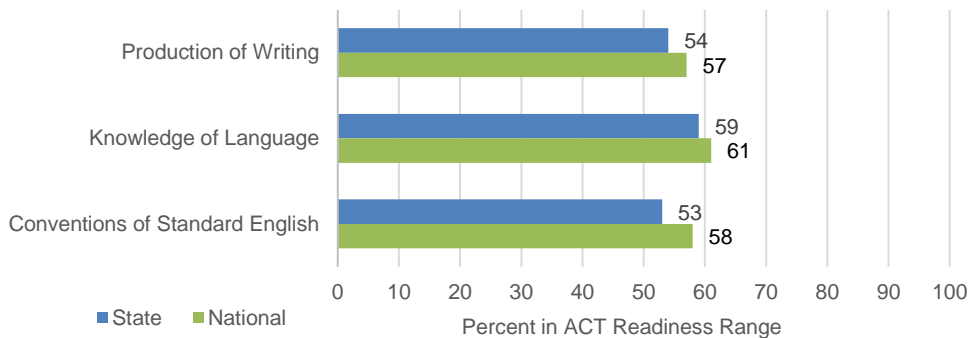


Figure 2.4. Reading Reporting Categories¹

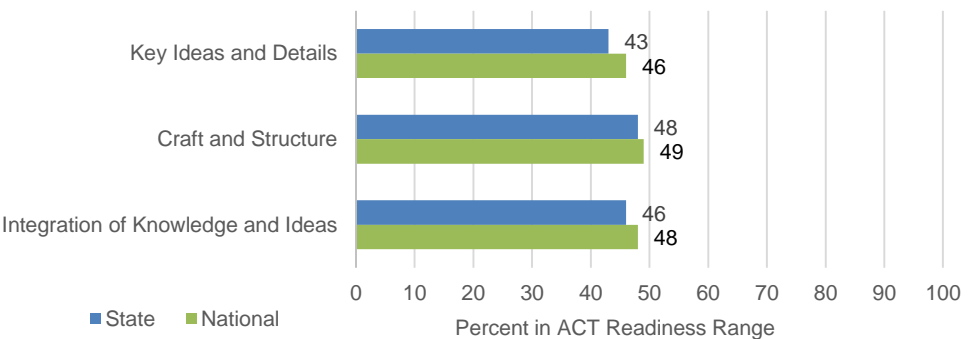


Figure 2.5. Science Reporting Categories¹

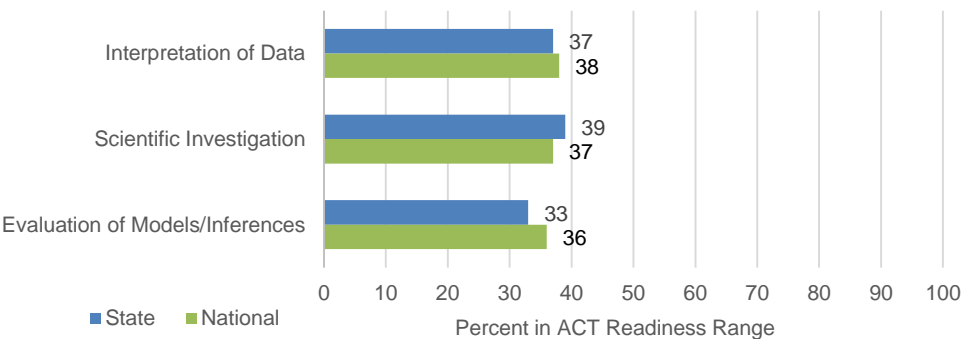
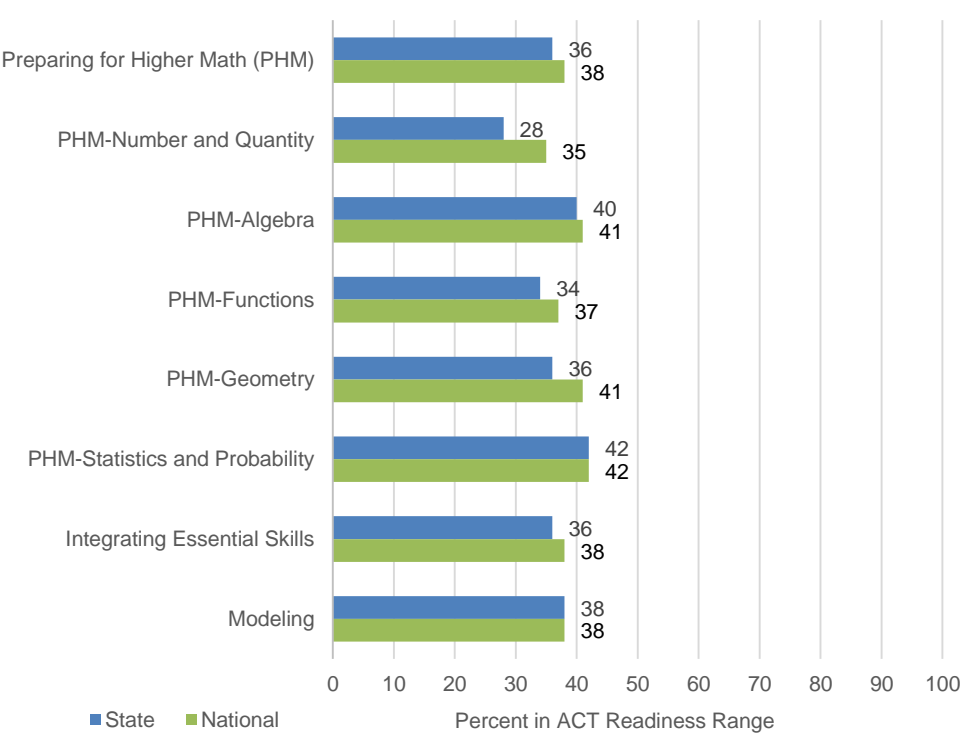


Figure 2.3. Math Reporting Categories¹



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.

¹ Reporting Categories are reported only for testing events beginning September 2016.

Total Students in Report: 7,282

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	7,282	50	22.1	18.4
	Black/African American	243	42	18.6	15.2
	American Indian/Alaska Native	353	31	17.1	16.2
	White	5,306	54	22.6	19.0
	Hispanic/Latino	337	37	20.2	16.8
	Asian	115	49	22.3	16.8
	Native Hawaiian/Other Pacific Islander	12	50	19.3	16.4
	Two or More Races	278	46	21.3	18.0
	Prefer not/No Response	638	32	22.3	17.1
National	All Students	1,914,817	63	22.2	19.0
	Black/African American	243,080	58	17.9	15.9
	American Indian/Alaska Native	15,449	51	18.5	16.4
	White	996,712	67	23.4	20.2
	Hispanic/Latino	307,358	63	19.9	17.5
	Asian	91,899	75	25.4	22.8
	Native Hawaiian/Other Pacific Islander	5,753	53	20.0	16.6
	Two or More Races	85,316	64	22.3	19.4
	Prefer not/No Response	169,250	36	22.6	18.1

¹ "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.3. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	All Students	7,282	100	19.1	20.3	20.7	20.5	20.3	20.6
	Black/African American	243	3	15.0	16.9	17.5	17.2	16.8	17.3
	American Indian/Alaska Native	353	5	14.6	16.5	16.8	16.7	16.3	16.8
	White	5,306	73	20.0	21.0	21.5	21.2	21.0	21.4
	Hispanic/Latino	337	5	16.7	18.4	19.0	18.4	18.2	18.6
	Asian	115	2	17.7	20.7	19.0	20.1	19.5	20.6
	Native Hawaiian/Other Pacific Islander	12	0	17.3	16.7	18.2	17.3	17.5	17.3
	Two or More Races	278	4	18.4	19.4	20.3	19.9	19.6	19.9
	Prefer not/No Response	638	9	17.5	19.0	19.7	19.5	19.0	19.5
National	All Students	1,914,817	100	20.2	20.5	21.3	20.7	20.8	20.9
	Black/African American	243,080	13	15.8	16.9	17.3	17.1	16.9	17.3
	American Indian/Alaska Native	15,449	1	15.9	17.4	17.7	17.7	17.3	17.8
	White	996,712	52	21.9	21.7	22.8	22.0	22.2	22.1
	Hispanic/Latino	307,358	16	17.8	18.8	19.3	18.9	18.8	19.1
	Asian	91,899	5	24.1	25.1	24.2	24.1	24.5	24.9
	Native Hawaiian/Other Pacific Islander	5,753	0	17.2	18.4	18.3	18.3	18.2	18.6
	Two or More Races	85,316	4	20.6	20.6	21.8	20.9	21.1	21.0
	Prefer not/No Response	169,250	9	19.0	19.6	20.3	19.8	19.8	19.9

Total Students in Report: 7,282

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

Student Group	Gender	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	3,641	46	22.3	18.1
	Females	3,620	53	22.0	18.8
	No Response	21	10	18.5	17.0
National	Males	893,610	61	22.4	18.6
	Females	991,975	66	22.0	19.3
	No Response	29,232	13	18.6	16.6

¹ "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	Males	3,641	50	18.3	20.5	20.4	20.6	20.1	20.8
	Females	3,620	50	19.9	20.0	21.1	20.5	20.5	20.5
	No Response	21	0	13.9	16.3	16.9	17.1	16.2	17.0
National	Males	893,610	47	19.7	20.9	21.0	20.9	20.8	21.2
	Females	991,975	52	20.7	20.2	21.7	20.6	20.9	20.7
	No Response	29,232	2	16.6	17.6	17.9	17.8	17.6	18.0

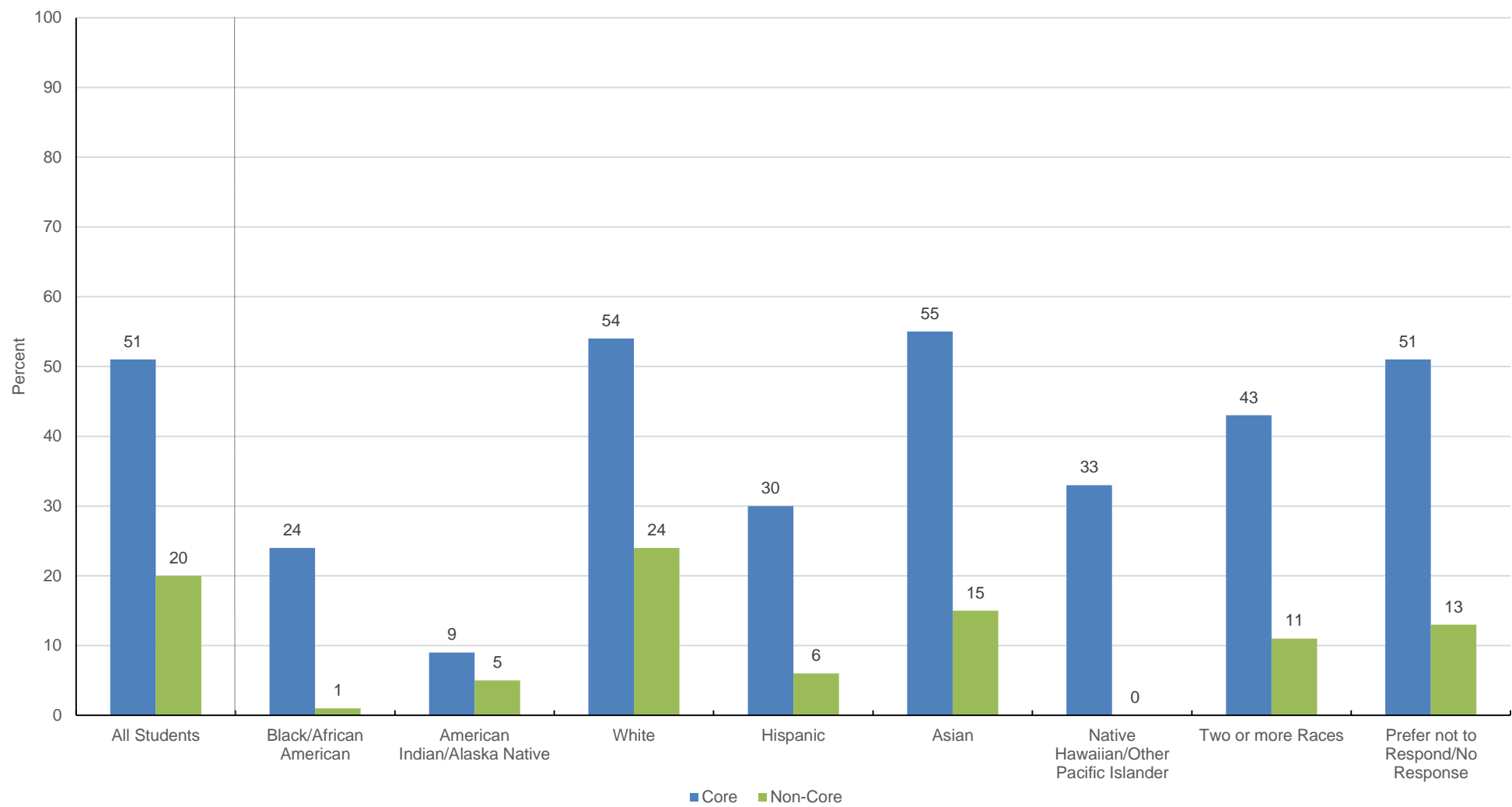
Table 2.6. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	23	24	24	24	24
Q2 (50th Percentile)	19	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	16

Section III

College and Career Readiness and the Impact of Course Rigor

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



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

Total Students in Report: 7,282

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

Student Group	CCRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	202	3	91	1	265	4	125	2
	28 to 32	359	5	533	7	815	11	404	6
	24 to 27	1,008	14	1,374	19	1,127	15	1,327	18
	20 to 23	1,751	24	1,525	21	1,894	26	2,356	32
	16 to 19	1,605	22	2,589	36	1,728	24	2,017	28
	13 to 15	1,371	19	1,138	16	967	13	786	11
	01 to 12	986	14	32	0	486	7	267	4
National	33 to 36	143,563	7	58,709	3	156,351	8	75,063	4
	28 to 32	154,254	8	177,068	9	232,703	12	154,978	8
	24 to 27	282,672	15	353,837	18	260,556	14	331,549	17
	20 to 23	411,089	21	324,319	17	433,162	23	513,463	27
	16 to 19	344,616	18	621,963	32	405,666	21	489,899	26
	13 to 15	304,484	16	357,972	19	257,877	13	232,220	12
	01 to 12	274,139	14	20,949	1	168,502	9	117,645	6

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	51	40	42	36	23
	Females	64	37	45	33	23
	No Response	19	5	19	10	0
National	Males	57	43	44	38	28
	Females	64	37	48	35	26
	No Response	38	18	25	17	10

Total Students in Report: 7,282

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

Student Group	Race/Ethnicity	N	English %	Mathematics %	Reading %	Science %	All Four %	STEM %
State	All Students	7,282	57	39	43	34	23	15
	Black/African American	243	25	13	20	10	7	3
	American Indian/Alaska Native	353	22	8	15	6	2	1
	White	5,306	64	45	49	39	27	18
	Hispanic/Latino	337	39	22	28	19	12	7
	Asian	115	43	39	33	31	24	22
	Native Hawaiian/Other Pacific Islander	12	42	8	42	17	8	0
	Two or More Races	278	50	29	40	29	16	10
	Prefer Not to Respond	638	47	30	34	27	18	11
National	All Students	1,914,817	60	40	46	36	27	20
	Black/African American	243,080	32	13	20	11	6	3
	American Indian/Alaska Native	15,449	32	15	23	15	8	5
	White	996,712	72	49	56	46	34	26
	Hispanic/Latino	307,358	46	26	33	22	15	10
	Asian	91,899	77	69	62	59	49	46
	Native Hawaiian/Other Pacific Islander	5,753	41	24	27	21	14	10
	Two or More Races	85,316	63	39	48	37	27	20
	Prefer Not to Respond	169,250	50	32	39	31	23	18

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score¹

Student Group	ACT NCRC Level ²	N	%	Average Composite
State	Gold or Higher	1,459	20	27.5
	Silver	3,999	55	20.3
	Bronze	1,673	23	14.7
	Needs Improvement	151	2	11.6
National	Gold or Higher	499,653	26	28.6
	Silver	893,864	47	20.3
	Bronze	444,856	23	14.6
	Needs Improvement	76,444	4	11.5

¹ 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.

² Additional information on the ACT NCRC can be found at www.act.org.

Total Students in Report: 7,282

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite ⁴		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More ²	3,617	73	21.2	54	22.1	56	22.5	48	22.3	34	22.1	24	22.4
	Less than Core	2,312	42	17.1	23	18.3	30	19.0	20	18.8	11	18.4	5	18.8
	Missing ³	1,353	41	16.8	25	18.6	32	19.0	22	18.8	14	18.4	9	19.0
National	Core or More	1,200,072	70	21.8	49	21.7	54	22.7	45	21.9	34	22.2	26	22.1
	Less than Core	402,680	46	18.1	26	18.8	34	19.4	24	19.0	16	19.0	12	19.2
	Missing	312,065	38	16.7	22	18.1	28	18.3	20	18.2	13	18.0	9	18.4

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite College Readiness Benchmark % results reflect students who met all four subject-area benchmarks.

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More ²	5,479	61	19.7	5,187	48	21.3	5,336	48	21.4	4,373	44	21.8
	Less than Core	582	46	17.5	783	4	16.1	697	26	18.2	1,638	16	18.2
	Missing ³	1,221	43	17.1	1,312	25	18.6	1,249	33	19.3	1,271	23	19.1
National	Core or More	1,527,131	66	21.1	1,528,137	45	21.2	1,430,773	51	22.1	1,389,989	43	21.7
	Less than Core	91,187	34	16.1	83,960	8	16.2	181,701	35	19.7	220,831	18	18.1
	Missing	296,499	39	16.9	302,720	22	18.1	302,343	28	18.4	303,997	20	18.2

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Table 3.7. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Common Course Patterns

Course Pattern		State			National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,331	18	21.0	70	323,956	17	22.1	72
Eng 9, Eng 10, Eng 11, Eng 12	4,148	57	19.2	59	1,203,175	63	20.8	64
Less than 4 years of English	582	8	17.5	46	91,187	5	16.1	34
Zero years / no English courses reported	1,221	17	17.1	43	296,499	15	16.9	39
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	122	2	23.9	67	99,215	5	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	469	6	23.1	67	125,955	7	21.5	51
Alg 1, Alg 2, Geom, & Trig	187	3	20.8	44	89,147	5	19.0	27
Alg 1, Alg 2, Geom, & Other Adv Math	1,613	22	21.4	50	321,541	17	19.2	29
Other comb of 4 or more years of Math	1,037	14	24.8	76	609,514	32	23.8	65
Alg 1, Alg 2, & Geom	1,535	21	18.3	19	187,368	10	16.9	10
Other comb of 3 or 3.5 years of Math	224	3	21.2	49	95,397	5	19.6	33
Less than 3 years of Math	783	11	16.1	4	83,960	4	16.2	8
Zero years / no Math courses reported	1,312	18	18.6	25	302,720	16	18.1	22
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	163	2	19.5	34	46,135	2	22.2	50
Other comb of 4 or more years Social Science	2,902	40	22.1	52	813,270	42	22.7	54
US Hist, World Hist, & Am Gov	476	7	19.6	34	111,031	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	1,795	25	21.1	46	460,337	24	21.7	48
Less than 3 years of Social Science	697	10	18.2	26	181,701	9	19.7	35
Zero years / no Social Science courses reported	1,249	17	19.3	33	302,343	16	18.4	28
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	1,313	18	22.9	55	705,397	37	22.4	48
Bio, Chem, Phys	180	2	25.9	78	193,793	10	23.3	54
Gen Sci ¹ , Bio, Chem	2,522	35	21.1	38	444,093	23	20.1	30
Other comb of 3 years of Natural Science	358	5	20.5	36	46,706	2	18.9	23
Less than 3 years of Natural Science	1,638	22	18.2	16	220,831	12	18.1	18
Zero years / no Natural Science courses reported	1,271	17	19.1	23	303,997	16	18.2	20

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 7,282

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

Course Pattern		All Students				Males				Females			
	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	
ENGLISH COURSE PATTERN													
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,331	18	21.0	70	531	15	20.3	63	799	22	21.5	76	
Eng 9, Eng 10, Eng 11, Eng 12	4,148	57	19.2	59	2,138	59	18.6	53	2,007	55	20.0	65	
Less than 4 years of English	582	8	17.5	46	312	9	16.7	40	270	7	18.4	54	
Zero years / no English courses reported	1,221	17	17.1	43	660	18	16.7	39	544	15	17.8	47	
MATHEMATICS COURSE PATTERN													
	N	Percent	ACT Math	% Who Met Benchmark	N	Percent	ACT Math	% Who Met Benchmark	N	Percent	ACT Math	% Who Met Benchmark	
Alg 1, Alg 2, Geom, Trig, & Calc	122	2	23.9	67	66	2	24.2	70	55	2	23.6	65	
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	469	6	23.1	67	190	5	24.2	76	279	8	22.4	61	
Alg 1, Alg 2, Geom, & Trig	187	3	20.8	44	97	3	21.5	53	90	2	20.1	34	
Alg 1, Alg 2, Geom, & Other Adv Math	1,613	22	21.4	50	650	18	22.0	56	963	27	20.9	45	
Other comb of 4 or more years of Math	1,037	14	24.8	76	534	15	25.2	77	502	14	24.3	75	
Alg 1, Alg 2, & Geom	1,535	21	18.3	19	812	22	18.8	24	722	20	17.7	13	
Other comb of 3 or 3.5 years of Math	224	3	21.2	49	120	3	21.4	51	104	3	21.0	47	
Less than 3 years of Math	783	11	16.1	4	455	12	16.2	3	328	9	16.0	5	
Zero years / no Math courses reported	1,312	18	18.6	25	717	20	18.7	26	577	16	18.5	24	
SOCIAL SCIENCE COURSE PATTERN													
	N	Percent	ACT Reading	% Who Met Benchmark	N	Percent	ACT Reading	% Who Met Benchmark	N	Percent	ACT Reading	% Who Met Benchmark	
US Hist, World Hist, Am Gov, & Other Hist	163	2	19.5	34	98	3	19.5	37	65	2	19.6	31	
Other comb of 4 or more years Social Science	2,902	40	22.1	52	1,277	35	21.9	51	1,623	45	22.2	52	
US Hist, World Hist, & Am Gov	476	7	19.6	34	261	7	19.3	32	215	6	19.9	36	
Other comb of 3 or 3.5 years of Social Science	1,795	25	21.1	46	894	25	20.9	46	900	25	21.2	47	
Less than 3 years of Social Science	697	10	18.2	26	433	12	17.8	25	263	7	18.7	26	
Zero years / no Social Science courses reported	1,249	17	19.3	33	678	19	19.2	33	554	15	19.5	34	
NATURAL SCIENCE COURSE PATTERN													
	N	Percent	ACT Science	% Who Met Benchmark	N	Percent	ACT Science	% Who Met Benchmark	N	Percent	ACT Science	% Who Met Benchmark	
Gen Sci ¹ , Bio, Chem, & Phys	1,313	18	22.9	55	718	20	23.2	58	593	16	22.5	52	
Bio, Chem, Phys	180	2	25.9	78	74	2	27.0	84	106	3	25.1	74	
Gen Sci ² , Bio, Chem	2,522	35	21.1	38	1,061	29	21.3	41	1,461	40	21.0	35	
Other comb of 3 years of Natural Science	358	5	20.5	36	239	7	20.8	40	118	3	19.9	28	
Less than 3 years of Natural Science	1,638	22	18.2	16	861	24	18.1	16	776	21	18.4	16	
Zero years / no Natural Science courses reported	1,271	17	19.1	23	688	19	19.1	24	566	16	19.1	23	

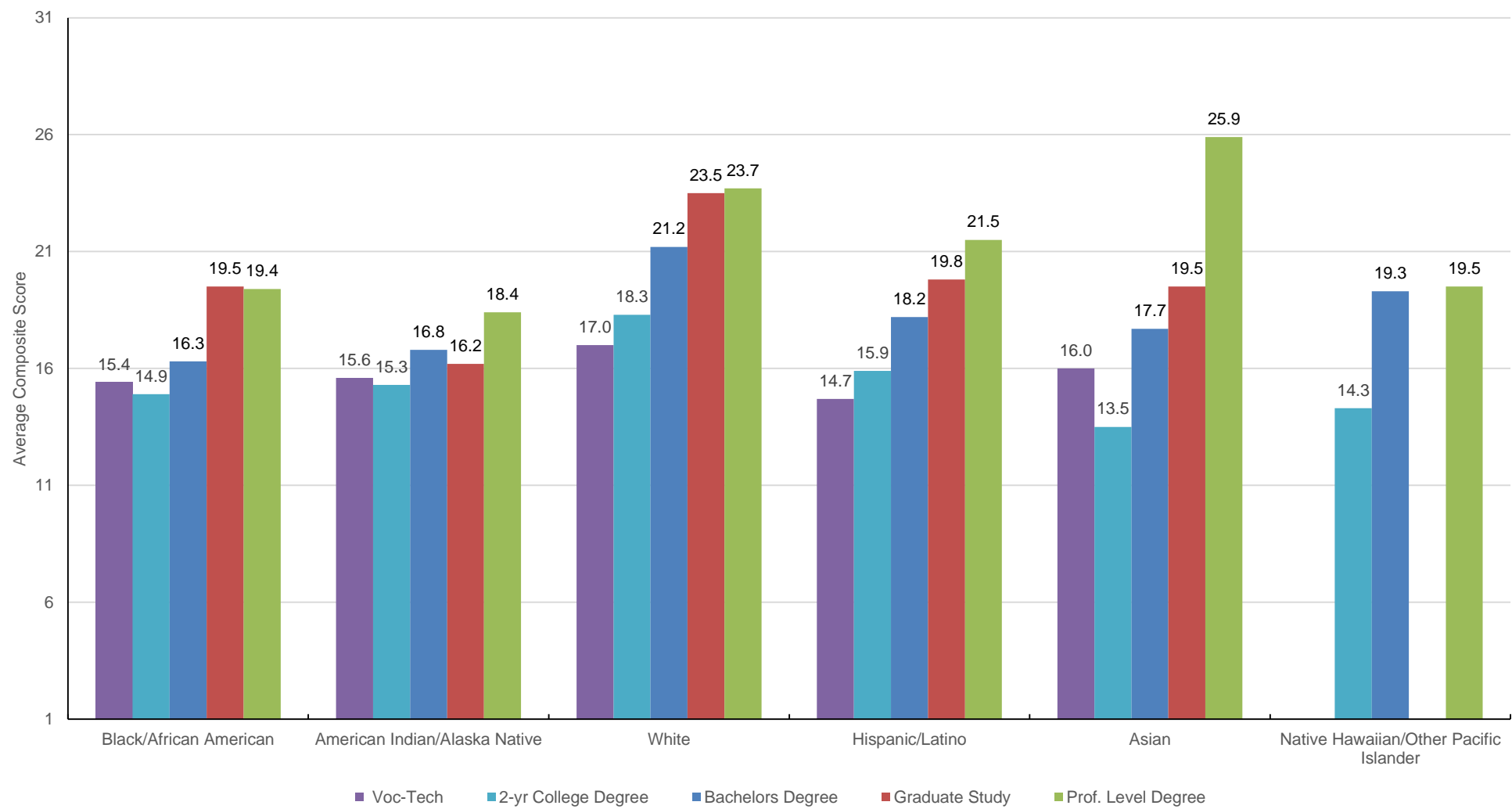
¹Includes General, Physical and Earth Sciences.

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Section IV

Career and Educational Aspirations

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



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

Total Students in Report: 7,282

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	263	4	20.0	84	9	18.4	170	4	21.0
Architecture	67	1	21.4	4	0	16.8	58	1	21.8
Area, Ethnic, & Multidisciplinary Studies	6	0	17.7	3	0	13.3	3	0	22.0
Arts: Visual & Performing	344	5	19.8	62	6	18.4	253	6	20.3
Business	410	6	21.0	55	6	17.5	341	7	21.7
Communications	50	1	21.3	6	1	16.8	41	1	22.1
Community, Family, & Personal Services	254	3	18.0	63	6	16.2	167	4	18.8
Computer Science & Mathematics	165	2	23.1	19	2	18.9	137	3	23.7
Education	404	6	20.9	25	3	16.6	367	8	21.3
Engineering	418	6	22.6	54	5	17.8	352	8	23.4
Engineering Technology & Drafting	85	1	19.4	37	4	18.6	43	1	20.3
English & Foreign Languages	46	1	22.7	6	1	18.5	38	1	23.7
Health Administration & Assisting	135	2	18.6	27	3	17.3	102	2	19.0
Health Sciences & Technologies	1,280	18	21.3	78	8	18.4	1,160	25	21.5
Philosophy, Religion, & Theology	28	0	22.3	2	0	17.0	24	1	22.9
Repair, Production, & Construction	341	5	18.3	226	23	18.0	95	2	19.4
Sciences: Biological & Physical	265	4	23.4	13	1	18.0	240	5	23.7
Social Sciences & Law	355	5	20.8	34	3	16.8	298	7	21.5
Undecided	852	12	20.4	137	14	17.8	605	13	21.1
No Response	1,493	21	18.4	48	5	15.7	65	1	16.9

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 7,282

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	154	16.8	7	15.4	8	15.6	115	17.0	7	14.7
2-yr College Degree	834	17.9	24	14.9	36	15.3	639	18.3	39	15.9
Bachelors Degree	3,009	20.6	78	16.3	123	16.8	2,376	21.2	126	18.2
Graduate Study	588	22.8	15	19.5	13	16.2	462	23.5	21	19.8
Prof. Level Degree	976	23.2	38	19.4	30	18.4	736	23.7	43	21.5
Other	170	17.5	4	16.0	7	14.4	121	18.0	5	17.2
No Response	1,551	18.8	77	16.1	136	15.7	857	19.9	96	17.7

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	154	16.8	1	16.0	0	.	3	15.3	13	18.3
2-yr College Degree	834	17.9	4	13.5	3	14.3	25	18.0	64	18.1
Bachelors Degree	3,009	20.6	41	17.7	6	19.3	105	19.3	154	19.6
Graduate Study	588	22.8	13	19.5	0	.	24	21.3	40	21.4
Prof. Level Degree	976	23.2	26	25.9	2	19.5	46	22.5	55	22.5
Other	170	17.5	1	12.0	0	.	6	14.0	26	17.1
No Response	1,551	18.8	29	17.4	1	12.0	69	18.8	286	18.2

Total Students in Report: 7,282

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

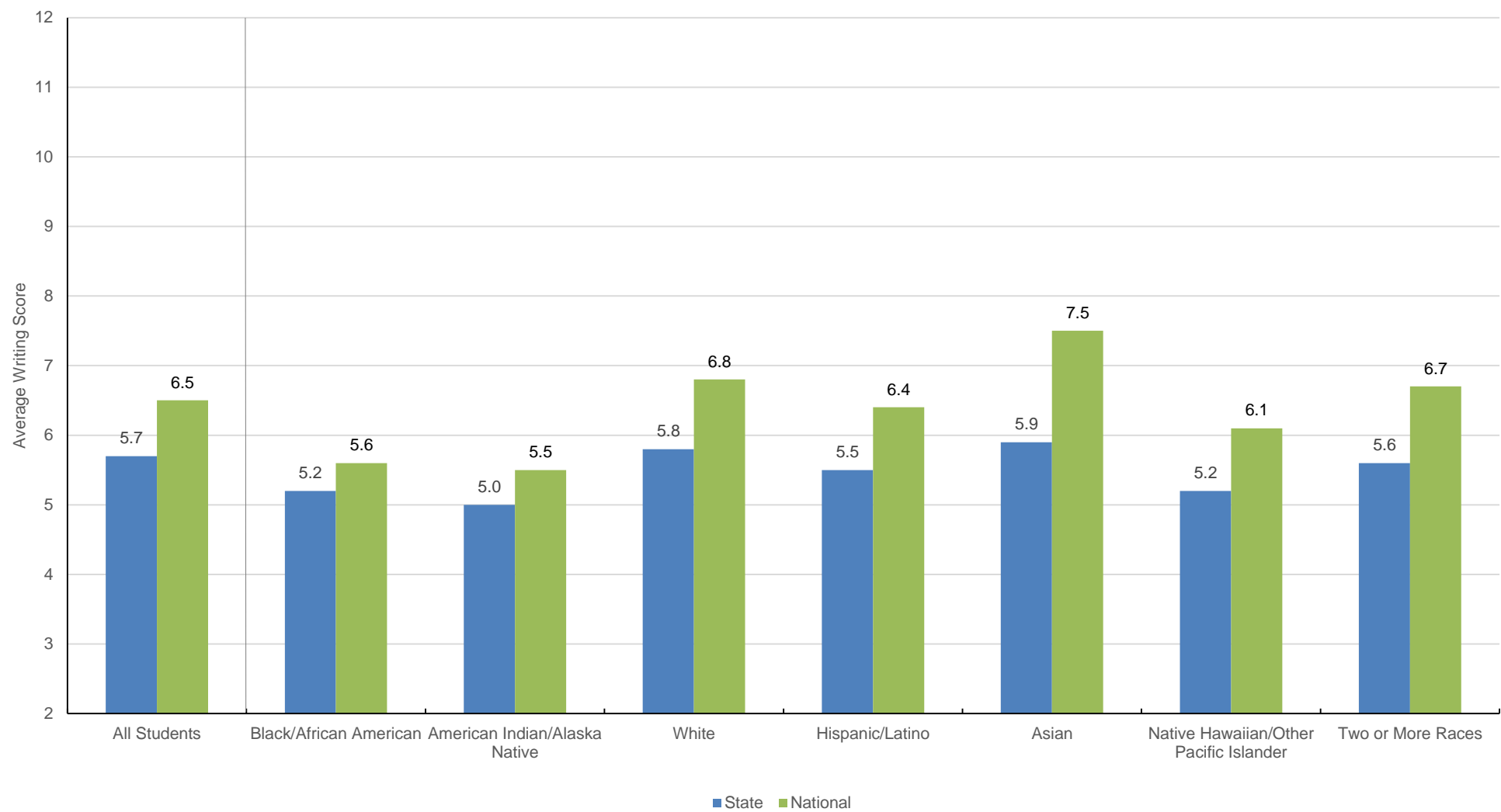
Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
NORTH DAKOTA STATE UNIVERSITY	North Dakota	2,844	1,071	1,773	1	9	25	33	23	9	1
UNIVERSITY OF NORTH DAKOTA	North Dakota	2,713	998	1,715	1	9	26	31	24	8	1
BISMARCK STATE COLLEGE	North Dakota	1,404	674	730	2	17	35	29	14	3	0
NORTH DAKOTA STATE COLLEGE OF SCIENCE	North Dakota	906	380	526	3	25	33	25	11	3	0
MINOT STATE UNIVERSITY	North Dakota	790	282	508	2	18	32	27	16	4	0
UNIVERSITY OF MARY	North Dakota	571	135	436	1	10	27	33	24	6	1
MINNESOTA STATE UNIVERSITY MOORHEAD	Minnesota	510	116	394	3	11	27	33	18	7	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	491	108	383	0	3	13	24	35	20	4
VALLEY CITY STATE UNIVERSITY	North Dakota	477	123	354	1	16	33	26	19	3	0
UNIVERSITY OF JAMESTOWN	North Dakota	354	81	273	1	11	33	29	20	6	0
DICKINSON STATE UNIVERSITY	North Dakota	337	98	239	2	17	35	31	13	2	0
STATE-NO COLLEGE PLANS	Iowa	312	312	0	7	39	31	16	5	2	0
CONCORDIA COLLEGE-MOORHEAD	Minnesota	265	54	211	1	8	17	31	23	16	3
LAKE REGION STATE COLLEGE	North Dakota	259	81	178	3	22	39	22	10	4	0
RASMUSSEN COLLEGE-FARGO	North Dakota	244	64	180	6	25	30	27	11	0	0
WILLISTON STATE COLLEGE	North Dakota	238	98	140	4	23	39	23	8	3	0
ARIZONA STATE UNIVERSITY	Arizona	225	84	141	0	9	34	36	16	5	0
MAYVILLE STATE UNIVERSITY	North Dakota	220	59	161	2	17	34	28	15	5	0
NCAA ELIGIBILITY CENTER	Indiana	190	59	131	0	11	25	31	24	9	1
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	159	24	135	1	4	19	33	30	11	3
MINN ST COMM & TECH COLL-MOORHEAD	Minnesota	158	53	105	8	30	35	23	4	1	0
NORTHLAND COMM & TECH COLLEGE	Minnesota	149	53	96	4	21	38	26	9	1	0
DAKOTA COLLEGE AT BOTTINEAU	North Dakota	129	23	106	2	19	45	22	10	1	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	129	34	95	0	8	18	26	33	15	1
TURTLE MOUNTAIN COMMUNITY COLLEGE	North Dakota	114	67	47	5	39	40	13	2	0	0
BEMIDJI STATE UNIVERSITY	Minnesota	113	18	95	2	11	31	37	12	6	1
Code not found		104	15	89	3	35	40	18	4	0	0
SOUTH DAKOTA STATE UNIVERSITY	South Dakota	92	16	76	2	11	14	40	25	5	2
BLACK HILLS STATE UNIVERSITY	South Dakota	88	22	66	0	16	26	36	18	3	0
UNIVERSITY OF WASHINGTON	Washington	72	15	57	1	3	13	22	38	18	6
All Other Institutions		5,400	1,202	4,198	1	15	28	24	19	11	2
Total		20,057	6,419	13,638	2	14	29	28	19	8	1

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Section V

Optional Writing Test Results

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



*Missing columns reflect race/ethnicity groupings that are missing.

Total Students in Report: 7,282

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

	N		Average ACT Scores					
			English		Reading		Writing	
	State	National	State	National	State	National	State	National
All Students	5,166	903,603	18.4	20.7	20.3	21.8	5.7	6.5
Black/African American	159	103,370	14.2	15.9	16.7	17.3	5.2	5.6
American Indian/Alaska Native	304	6,413	14.7	15.6	16.7	17.5	5.0	5.5
White	3,567	426,803	19.3	22.5	21.0	23.4	5.8	6.8
Hispanic/Latino	282	177,117	16.4	18.2	18.8	19.6	5.5	6.4
Asian	75	63,636	18.0	25.2	19.1	25.1	5.9	7.5
Native Hawaiian/Other Pacific Islander	9	3,602	17.2	17.3	17.9	18.2	5.2	6.1
Two or More Races	215	43,115	18.0	21.2	19.9	22.3	5.6	6.7
Prefer not/No Response	555	79,547	17.3	19.9	19.6	21.1	5.6	6.3
Males	2,745	421,102	17.8	20.3	20.1	21.5	5.4	6.3
Females	2,402	472,773	19.2	21.2	20.5	22.1	6.1	6.8
No Response	19	9,728	14.3	15.8	17.4	17.5	4.8	5.3

Table 5.2. Average ACT English Language Arts Outcomes by Race/Ethnicity and Gender for Students Who Took ACT Writing

	N		Average ACT Scores			
			Average ELA Score		Percent Who Met ELA Benchmark	
	State	National	State	National	State	National
All Students	5,166	903,603	17.5	19.9	34	50
Black/African American	159	103,370	14.2	15.6	13	21
American Indian/Alaska Native	304	6,413	14.1	15.5	8	20
White	3,567	426,803	18.2	21.3	39	61
Hispanic/Latino	282	177,117	16.1	18.0	23	37
Asian	75	63,636	17.1	23.6	35	73
Native Hawaiian/Other Pacific Islander	9	3,602	15.7	17.0	11	31
Two or More Races	215	43,115	17.1	20.3	31	53
Prefer not/No Response	555	79,547	16.8	19.1	30	45
Males	2,745	421,102	16.8	19.3	29	47
Females	2,402	472,773	18.3	20.5	39	54
No Response	19	9,728	14.1	15.2	5	21

