

### Profile Report - State

**Graduating Class 2018** 

Michigan



#### 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 as 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.

PAGE 1 Code 239999 Michigan

Page 17

Page 25

Page 31

#### **Table of Contents**

Section I: Executive Summary F	Page 5	Section III: College Readiness & Impact of Course Rigor Pa
Average Composite Scores: 5 Years of Testing		Percent of Students Meeting 3 or 4 College Readiness
Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing		Benchmarks by Core College Curriculum Status
Percent Meeting STEM Benchmark: 5 Years of Testing		Percent of Students in College and Career Readiness Standards (CCRS)
Percent Taking A Core Curriculum: 5 Years of Testing		Score Ranges
Five Year Trends—Percent of Students Who Met		Percent of Students Who Met ACT College Readiness Benchmark Scores
College Readiness Benchmarks		by Gender
Five Year Trends—Average ACT Scores		Percent of Students Who Met ACT College Readiness Benchmark Scores
Five Year Trends—Average ACT Scores by Level of Preparation		by Race/Ethnicity
Five Year Trends—Percent and Average Composite Score		Likely ACT National Career Readiness Certificate (NCRC) Level

Five Year Trends—Achievement in STEM

Proficiency Toward Understanding Complex Text

by Race/Ethnicity

Section II: Academic Achievement

Average ACT Composite Scores by Race and Core Curriculum Status
ACT Score Distributions, Cumulative Percents, and Averages
Subject Area Reporting Categories
Average ACT Composite Scores for Race/Ethnicity
by Level of Preparation
Average ACT Scores by Race/Ethnicity
Average ACT Composite Scores for Gender by Level of Preparation
Average ACT Scores by Gender
ACT Score Quartile Values

#### Page 11

by Race/Ethnicity
Likely ACT National Career Readiness Certificate (NCRC) Level
Based Upon ACT Composite Score
College Readiness Benchmark Percent and Average ACT Scores
by Overall High School Curriculum
College Readiness Benchmark Percent and Average ACT Scores
by Content-Specific Curriculum
College Readiness Benchmark Percent and Average ACT Scores
by Common Course Patterns
College Readiness Benchmark Percent and Average ACT Scores
for Gender by Common Course Patterns

Section IV: Career and Educational Aspirations
Average ACT Composite Scores
by Race and Student Postsecondary Aspirations

Distribution of Planned Educational Majors for All Students

Average ACT Composite Scores for Racial/Ethnic Groups

by Post-Secondary Educational Aspirations Students' Score Report Preferences at Time of Testing

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

by College Plans

Average ACT Writing Scores by Race/Ethnicity

Average ACT Writing and English Language Arts Outcomes

by Race/Ethnicity and Gender for Students Who Took Writing

PAGE 2

Total Students in Report: 22,738

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-readinessstandards.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**

48% 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: 22,738 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 1% of the cohort took less than three years of math courses. Of these students, 29% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 22% of these students were college ready. In comparison, 69% 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. 49% of these students were college ready. In comparison, 61% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 3.1 reports the percentage of students falling in each of the ACT College and Career Readiness Standards score ranges. For example, approximately 27% 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.

PAGE 5 Code 239999 Michigan

Total Students in Report: 22,738

# Section I Executive Summary

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

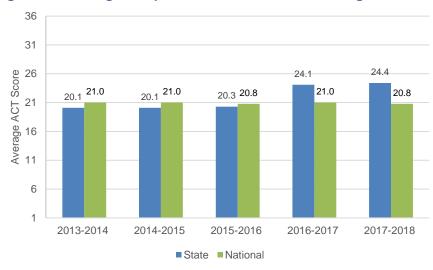


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

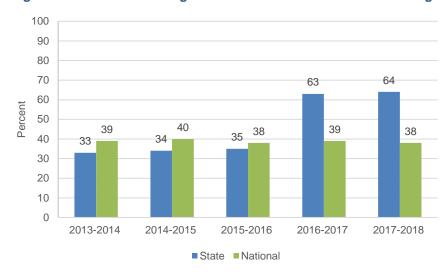


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

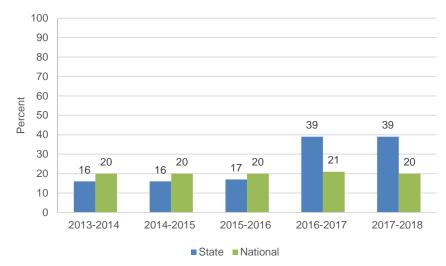
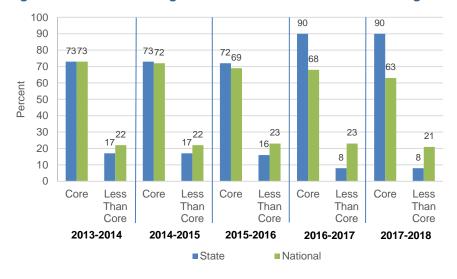


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



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

PAGE 7 Code 239999 Michigan

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

	Number o	f Students		Percent Who Met Benchmarks												
	Tes	sted	En	glish	Mathe	ematics	Rea	ading	Sci	ence	Met All Four					
Year	State	National	State	National	State	National	State	National	State	National	State	National				
2014	119,990	1,845,787	59	64	35	43	36	44	33	37	22	26				
2015	118,555	1,924,436	59	64	34	42	40	46	34	38	22	28				
2016	115,454	2,090,342	60	61	36	41	40	44	35	36	23	26				
2017	29,944	2,030,038	84	61	64	41	68	47	58	37	47	27				
2018	22,738	1,914,817	84	60	65	40	67	46	60	36	48	27				

Table 1.2. Five Year Trends—Average ACT Scores

	Number o	f Students					Average A	ACT Scores					
	Tes	sted	Eng	glish	Mathe	ematics	Rea	ading	Sci	ence	Composite		
Year	State	National	State	National	State	National	State	National	State	National	State	National	
2014	119,990	1,845,787	19.3	20.3	19.9	20.9	20.2	21.3	20.4	20.8	20.1	21.0	
2015	118,555	1,924,436	19.4	20.4	19.9	20.8	20.3	21.4	20.4	20.9	20.1	21.0	
2016	115,454	2,090,342	19.9	20.1	19.9	20.6	20.7	21.3	20.5	20.8	20.3	20.8	
2017	29,944	2,030,038	24.1	20.3	23.7	20.7	24.5	21.4	23.8	21.0	24.1	21.0	
2018	22,738	1,914,817	24.5	20.2	23.9	20.5	24.7	21.3	23.9	20.7	24.4	20.8	

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

	Number of Students		,	Average ACT Scores		
Year	Tested	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

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

		_	ı						Average A	ACT Scores				
		ber of s Tested	Perd	cent <sup>2</sup>	Eng	glish	Mathe	ematics	Rea	ading	Sci	ence	Com	posite
Year	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	Core or More	Less than Core								
2014	88,119	20,371	73	17	20.4	16.7	20.7	18.0	21.0	18.0	21.2	18.5	20.9	17.9
2015	86,167	19,724	73	17	20.4	16.8	20.6	18.0	21.2	18.3	21.2	18.4	21.0	18.0
2016	82,750	19,020	72	16	20.8	17.4	20.6	18.0	21.5	18.6	21.3	18.5	21.2	18.2
2017	26,954	2,362	90	8	24.3	22.5	23.9	22.3	24.6	23.0	24.0	22.3	24.3	22.7
2018	20,354	1,791	90	8	24.7	23.2	24.1	22.5	24.9	23.7	24.1	22.8	24.5	23.2

<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

	20	014		20	015		20	016		20	017		20	018	
Race/Ethnicity	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	119,990	100	20.1	118,555	100	20.1	115,454	100	20.3	29,944	100	24.1	22,738	100	24.4
Black/African American	15,824	13	16.2	15,608	13	16.3	14,723	13	16.5	2,782	9	18.8	2,034	9	18.9
American Indian/Alaska Native	716	1	17.1	698	1	17.3	686	1	17.4	73	0	21.3	53	0	22.1
White	78,446	65	21.0	76,536	65	21.0	73,809	64	21.3	20,795	69	24.7	15,408	68	24.8
Hispanic/Latino	7,532	6	18.3	7,808	7	18.4	7,720	7	18.5	1,338	4	22.5	1,105	5	22.6
Asian	3,357	3	23.3	3,475	3	23.5	3,618	3	24.0	1,870	6	26.8	1,731	8	27.5
Native Hawaiian/Other Pacific Islander	127	0	19.0	131	0	19.5	130	0	19.2	26	0	23.7	19	0	23.3
Two or more races	4,855	4	19.7	4,990	4	19.8	5,092	4	19.9	978	3	23.9	765	3	24.5
Prefer not to respond/No response	9,133	8	19.3	9,309	8	19.5	9,676	8	19.5	2,082	7	24.8	1,623	7	25.1

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

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

		,	All Tested Student	s			Students Meeting S	TEM Benchmark	S
	Number of								
	Students Tested	Avg. ST	EM Score	<b>Percent Meeting</b>	STEM Benchmark	Avg. Mathe	matics Score	Avg. Scie	ence Score
Year	State National	State	National	State	National	State	National	State	National
2014	119,990 1,845,787	20.4	21.1	16	20	28.5	28.7	28.3	28.3
2015	118,555 1,924,436	20.4	21.1	16	20	28.5	28.7	28.4	28.4
2016	115,454 2,090,342	20.4	20.9	17	20	28.4	28.7	28.6	28.6
2017	29,944 2,030,038	24.0	21.1	39	21	29.0	28.7	28.8	28.7
2018	22,738 1,914,817	24.2	20.9	39	20	29.3	28.8	29.0	28.8

<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							
		I	Below P	roficient					Prof	icient					Above F	Proficient		
		N	Pei	rcent	Avg. F	Reading		N	Pei	cent	Avg. F	Reading		N	Pei	cent	Avg. F	Reading
Year	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	11,629	485,762	10	23	17.3	17.0	8,671	322,548	8	15	23.7	23.6	5,586	235,380	5	11	30.1	30.3
2017	8,921	999,708	30	49	17.8	16.2	10,779	596,096	36	29	24.1	23.4	9,756	427,075	33	21	31.1	30.8
2018	7,271	1,010,339	32	53	17.9	16.3	7,310	492,937	32	26	24.1	23.6	8,157	411,541	36	21	31.4	31.0

<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.

ACT PROFILE REPORT - State: SECTION I, EXECUTIVE SUMMARY

**Graduating Class 2018** 

Total Students in Report: 22,738

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PAGE 10

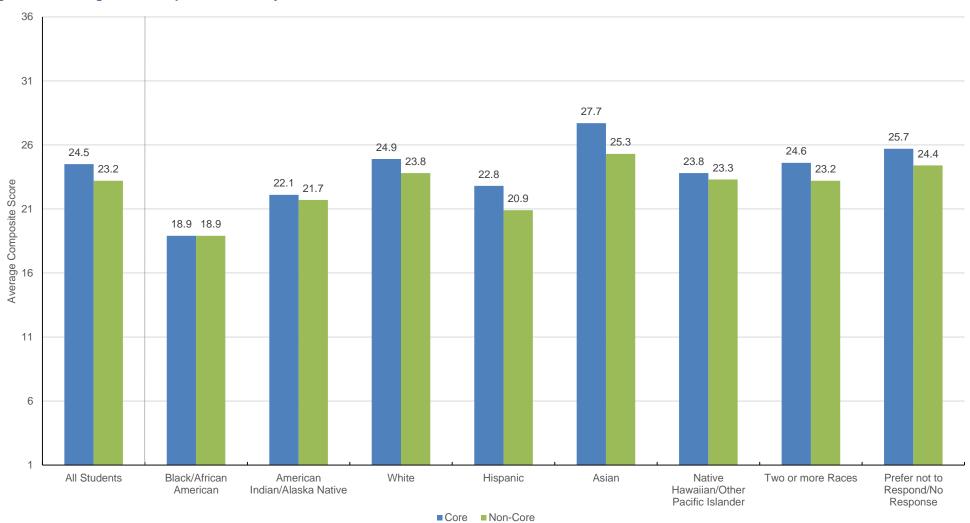
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### Section II Academic Achievement

Michigan

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.

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

ACT Scale	Englis	sh	Mathem	atics	Readi	ng	Scien	ce	Compo	site	STE	И	ELA	2	ACT Scale
Score	N	CP	N	СР	N	СР	N	СР	N	CP	N	CP	N	CP	Score
36	530	100	222	100	509	100	389	100	132	100	223	100	6	100	36
35	1,397	98	541	99	910	98	414	98	382	99	389	99	29	99	35
34	1,107	92	488	97	1,133	94	580	96	540	98	472	97	110	99	34
33	663	87	468	94	940	89	571	94	761	95	508	95	297	99	33
32	639	84	479	92	1,032	85	357	91	810	92	653	93	401	97	32
31	629	81	659	90	943	80	723	90	973	88	729	90	616	94	31
30	688	78	865	87	995	76	746	87	970	84	854	87	725	89	30
29	742	75	1,027	84	540	72	836	83	979	80	962	83	721	84	29
28	616	72	1,345	79	954	69	949	80	1,214	76	1,154	79	743	79	28
27	1,082	69	1,738	73	893	65	987	76	1,325	70	1,383	74	779	74	27
26	1,124	64	1,680	66	1,027	61	1,107	71	1,367	64	1,647	68	814	68	26
25	1,438	59	1,583	58	1,021	57	1,982	66	1,523	58	1,784	61	889	62	25
24	1,630	53	1,399	51	1,371	52	1,866	58	1,580	52	1,693	53	956	56	24
23	1,624	46	1,264	45	1,568	46	2,162	49	1,616	45	1,586	45	989	49	23
22	1,399	39	1,072	39	1,510	39	1,687	40	1,442	38	1,337	38	982	42	22
21	1,348	33	754	35	1,217	33	1,530	32	1,350	31	1,271	32	900	35	21
20	1,111	27	1,062	31	1,083	27	1,114	26	1,179	25	1,252	27	807	28	20
19	776	22	860	27	1,104	22	1,198	21	1,063	20	1,186	21	715	22	19
18	665	18	1,242	23	785	18	999	16	1,002	16	1,108	16	574	17	18
17	646	16	1,354	18	865	14	753	11	786	11	929	11	468	13	17
16	723	13	1,241	12	596	10	599	8	620	8	717	7	408	10	16
15	741	10	796	6	541	8	378	5	495	5	486	4	302	7	15
14	470	6	462	3	447	5	302	4	343	3	251	2	236	4	14
13	286	4	92	1	315	3	216	2	186	1	110	1	139	3	13
12	240	3	33	1	217	2	138	1	76	1	40	1	113	2	12
11	234	2	9	1	122	1	73	1	17	1	9	1	47	1	11
10	117	1	1 1	1	52	1	49	1	2	1	0	1	35	1	10
9	50	1	1	1	25	1	16	1	2	1	2	1	17	1	9
8	10	1	1	1	11	1	9	1	1	1	1	1	12	1	8
7	7	1	0	1	5	1	2	1	1	1	1	1	5	1	7
6	4	1	0	1	3	1	3	1	0	1	1	1	1	1	6
5	0	1	0	1	3	1	0	1	0	1	0	1	0	1	5
4	1	1	0	1	0	1	1	1	1	1	0	1	0	1	4
3	0	1	0	1	0	1	2	1	0	1	0	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	0 0	1	1 0	1	2
· ·	0		0	1	0		0	1	0			•		1	
Avg (SD)	24.5 (6	.5)	23.9 (5	o.6)	24.7 (6	5.4)	23.9 (5	.4)	24.4 (5	0.4)	24.2 (5	.2)	23.7 (5	.2)	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.

<sup>&</sup>lt;sup>2</sup> ELA scores are derived only for students with a valid writing score.

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

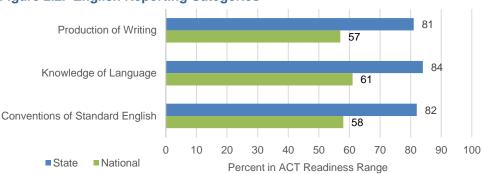


Figure 2.4. Reading Reporting Categories<sup>1</sup>

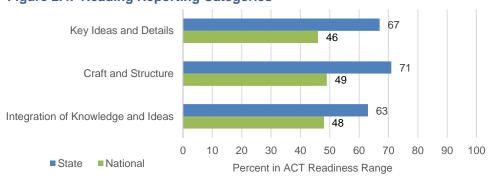


Figure 2.5. Science Reporting Categories<sup>1</sup>

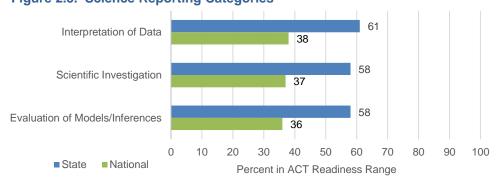
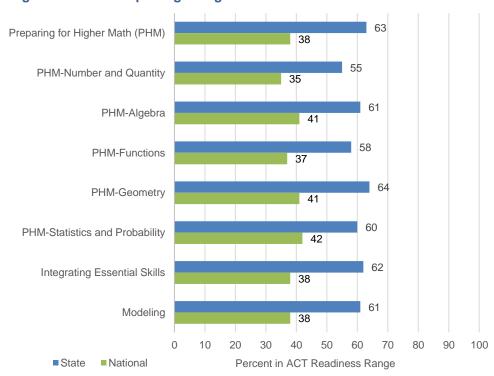


Figure 2.3. Math Reporting Categories<sup>1</sup>



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>&</sup>lt;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	22,738	90	24.5	23.2
	Black/African American	2,034	89	18.9	18.9
	American Indian/Alaska Native	53	94	22.1	21.7
	White	15,408	91	24.9	23.8
State	Hispanic/Latino	1,105	88	22.8	20.9
	Asian	1,731	91	27.7	25.3
	Native Hawaiian/Other Pacific Islander	19	68	23.8	23.3
	Two or More Races	765	92	24.6	23.2
	Prefer not/No Response	1,623	70	25.7	24.4
	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
National	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

<sup>&</sup>lt;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 2.3. Average ACT Scores by Race/Ethnicity

Student									
Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
	All Students	22,738	100	24.5	23.9	24.7	23.9	24.4	24.2
	Black/African American	2,034	9	18.4	18.3	19.4	18.8	18.9	18.8
	American Indian/Alaska Native	53	0	22.1	20.8	23.6	21.4	22.1	21.4
	White	15,408	68	25.0	24.2	25.2	24.4	24.8	24.5
State	Hispanic/Latino	1,105	5	22.5	22.0	23.2	22.2	22.6	22.3
	Asian	1,731	8	27.7	28.3	26.7	26.7	27.5	27.7
	Native Hawaiian/Other Pacific Islander	19	0	23.8	22.6	23.5	22.8	23.3	22.9
	Two or More Races	765	3	24.5	23.9	25.1	24.0	24.5	24.2
	Prefer not/No Response	1,623	7	25.3	24.5	25.6	24.6	25.1	24.8
	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
National	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

PAGE 16 Code 239999 Michigan

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

Student Group	Condor	Number of	Percent Taking	Average ACT Composite Score				
Student Group	Gender	Students Tested	Core or More <sup>1</sup>	Core or More	Less Than Core			
	Males	10,307	90	24.9	23.2			
State	Females	12,427	89	24.3	23.2			
	No Response	4	25	22.0				
	Males	893,610	61	22.4	18.6			
National	Females	991,975	66	22.0	19.3			
	No Response	29,232	13	18.6	16.6			

<sup>&</sup>lt;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 Gender

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
	Males	10,307	45	24.3	24.8	24.6	24.5	24.7	24.9
State	Females	12,427	55	24.7	23.1	24.9	23.4	24.1	23.5
	No Response	4	0	24.5	23.3	25.0	23.3	24.3	23.5
	Males	893,610	47	19.7	20.9	21.0	20.9	20.8	21.2
National	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)	29	28	30	27	28
Q2 (50th Percentile)	24	24	24	24	24
Q1 (25th Percentile)	20	19	20	20	20

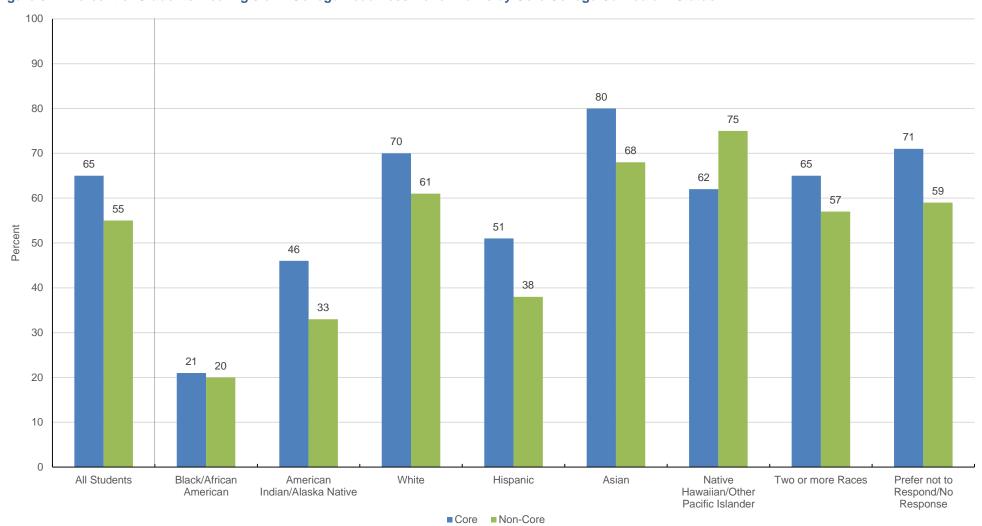
Michigan

Total Students in Report: 22,738

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

**PAGE 18** 

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.

Code 239999 Michigan

PAGE 19

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

Student	CCRS	Eng	llish	Mathe	matics	Rea	ding	Scie	ence
Group	Range	N	%	N	%	N	%	N	%
	33 to 36	3,697	16	1,719	8	3,492	15	1,954	9
	28 to 32	3,314	15	4,375	19	4,464	20	3,611	16
	24 to 27	5,274	23	6,400	28	4,312	19	5,942	26
State	20 to 23	5,482	24	4,152	18	5,378	24	6,493	29
	16 to 19	2,810	12	4,697	21	3,350	15	3,549	16
	13 to 15	1,497	7	1,350	6	1,303	6	896	4
Group	01 to 12	664	3	45	0	439	2	293	1
	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
National	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									
Student Group	Gender	English	Mathematics	Reading	Science	All Four						
	Males	83	71	66	64	51						
State	Females	86	61	68	57	45						
	No Response	100	75	75	50	50						
	Males	57	43	44	38	28						
National	Females	64	37	48	35	26						
	No Response	38	18	25	17	10						

PAGE 20 Code 239999 Michigan

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

Student			English	Mathematics	Reading	Science	All Four	STEM
Group	Race/Ethnicity	N	%	%	%	%	%	%
	All Students	22,738	84	65	67	60	48	39
	Black/African American	2,034	49	21	31	19	11	8
	American Indian/Alaska Native	53	75	42	55	43	25	13
	White	15,408	89	70	72	65	51	41
State	Hispanic/Latino	1,105	75	51	57	46	36	26
	Asian	1,731	89	86	75	74	65	64
	Native Hawaiian/Other Pacific Islander	19	84	63	68	53	47	26
	Two or More Races	765	82	63	70	61	48	40
	Prefer Not to Respond	1,623	85	67	71	64	52	45
	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
National	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 Score<sup>1</sup>

Student				Average
Group	ACT NCRC Level <sup>2</sup>	N	%	Composite
	Gold or Higher	10,976	48	29.0
State	Silver	10,018	44	21.0
State	Bronze	1,644	7	14.9
	Needs Improvement	100	0	11.6
	Gold or Higher	499,653	26	28.6
National	Silver	893,864	47	20.3
National	Bronze	444,856	23	14.6
	Needs Improvement	76,444	4	11.5
National	Bronze	444,856	23	14.6

<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.

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

Student	Curriculum	N	English Mathematics		Reading		Science		Composite⁴		STEM			
Group	Taken <sup>1</sup>	14	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
	Core or More <sup>2</sup>	20,354	86	24.7	67	24.1	68	24.9	61	24.1	49	24.5	40	24.3
State	Less than Core	1,791	77	23.2	56	22.5	61	23.7	51	22.8	40	23.2	30	22.9
	Missing <sup>3</sup>	593	69	22.0	48	21.7	63	24.1	53	23.0	40	22.9	33	22.6
	Core or More	1,200,072	70	21.8	49	21.7	54	22.7	45	21.9	34	22.2	26	22.1
National	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

<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			N	Mathematics			Reading			Science		
Group	Taken <sup>1</sup>	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	
	Core or More <sup>2</sup>	21,784	85	24.6	21,979	66	24.0	21,647	68	24.8	21,212	61	24.0	
State	Less than Core	378	75	22.6	180	29	19.1	514	61	24.0	943	49	22.4	
	Missing <sup>3</sup>	576	70	22.1	579	48	21.7	577	63	24.2	583	52	23.0	
	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	
National	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	

<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  State  National											
Course Fattern		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	6,429	28	25.2	87	323,956	17	22.1	72			
Eng 9, Eng 10, Eng 11, Eng 12	15,355	68	24.3	84	1,203,175	63	20.8	64			
Less than 4 years of English	378	2	22.6	75	91,187	5	16.1	34			
Zero years / no English courses reported	576	3	22.1	70	296,499	15	16.9	39			
Zoro yours / no English courses reported	070	Ü	22.1	70	200,400	10	10.0	00			
		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	1,496	7	25.1	77	99,215	5	23.2	62			
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,802	8	22.7	63	125,955	7	21.5	51			
Alg 1, Alg 2, Geom, & Trig	1,027	5	20.4	37	89,147	5	19.0	27			
Alg 1, Alg 2, Geom, & Other Adv Math	3,177	14	21.0	45	321,541	17	19.2	29			
Other comb of 4 or more years of Math	11,860	52	26.0	80	609,514	32	23.8	65			
Alg 1, Alg 2, & Geom	1,458	6	18.4	22	187,368	10	16.9	10			
Other comb of 3 or 3.5 years of Math	1,159	5	21.9	53	95,397	5	19.6	33			
Less than 3 years of Math	180	1	19.1	29	83,960	4	16.2	8			
Zero years / no Math courses reported	579	3	21.7	48	302,720	16	18.1	22			
		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	223	1	25.9	74	46,135	2	22.2	50			
Other comb of 4 or more years Social Science	15,792	69	24.9	69	813,270	42	22.7	54			
US Hist, World Hist, & Am Gov	382	2	24.1	62	111,031	6	19.7	35			
Other comb of 3 or 3.5 years of Social Science	5,250	23	24.5	66	460,337	24	21.7	48			
Less than 3 years of Social Science	514	2	24.0	61	181,701	9	19.7	35			
Zero years / no Social Science courses reported	577	3	24.2	63	302,343	16	18.4	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	12,495	55	24.5	65	705,397	37	22.4	48			
Bio, Chem, Phys	2,936	13	25.4	70	193,793	10	23.3	54			
Gen Sci <sup>1</sup> , Bio, Chem	5,235	23	22.2	48	444,093	23	20.1	30			
Other comb of 3 years of Natural Science	546	2	21.8	47	46,706	2	18.9	23			
Less than 3 years of Natural Science	943	4	22.4	49	220,831	12	18.1	18			
Zero years / no Natural Science courses reported	583	3	23.0	52	303,997	16	18.2	20			

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

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				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	6,429	28	25.2	87	2,662	26	25.0	86	3,766	30	25.3	89
Eng 9, Eng 10, Eng 11, Eng 12	15,355	68	24.3	84	7,140	69	24.2	83	8,215	66	24.4	85
Less than 4 years of English	378	2	22.6	75	183	2	22.1	70	195	2	23.0	79
Zero years / no English courses reported	576	3	22.1	70	322	3	21.4	66	251	2	22.9	75
			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	1,496	7	25.1	77	704	7	25.9	80	792	6	24.4	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,802	8	22.7	63	653	6	23.4	70	1,149	9	22.3	59
Alg 1, Alg 2, Geom, & Trig	1,027	5	20.4	37	429	4	21.1	46	598	5	19.8	32
Alg 1, Alg 2, Geom, & Other Adv Math	3,177	14	21.0	45	1,091	11	21.3	49	2,086	17	20.8	43
Other comb of 4 or more years of Math	11,860	52	26.0	80	5,928	58	26.8	83	5,931	48	25.3	77
Alg 1, Alg 2, & Geom	1,458	6	18.4	22	572	6	18.8	26	886	7	18.1	19
Other comb of 3 or 3.5 years of Math	1,159	5	21.9	53	520	5	22.4	55	639	5	21.5	50
Less than 3 years of Math	180	1	19.1	29	86	1	19.2	31	94	1	19.0	28
Zero years / no Math courses reported	579	3	21.7	48	324	3	21.8	49	252	2	21.7	47
			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	223	1	25.9	74	145	1	25.6	75	78	1	26.3	73
Other comb of 4 or more years Social Science	15,792	69	24.9	69	6,803	66	24.8	68	8,988	72	24.9	69
US Hist, World Hist, & Am Gov	382	2	24.1	62	221	2	23.8	60	161	1	24.5	65
Other comb of 3 or 3.5 years of Social Science	5,250	23	24.5	66	2,564	25	24.4	65	2,686	22	24.6	67
Less than 3 years of Social Science	514	2	24.0	61	251	2	23.7	59	263	2	24.3	62
Zero years / no Social Science courses reported	577	3	24.2	63	323	3	23.4	58	251	2	25.3	68
			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	12,495	55	24.5	65	6,175	60	25.1	69	6,320	51	23.9	61
Bio, Chem, Phys	2,936	13	25.4	70	1,481	14	25.9	73	1,455	12	24.9	68
Gen Sci <sup>2</sup> , Bio, Chem	5,235	23	22.2	48	1,754	17	22.3	48	3,480	28	22.2	48
Other comb of 3 years of Natural Science	546	2	21.8	47	263	3	22.4	53	283	2	21.2	41
Less than 3 years of Natural Science	943	4	22.4	49	305	3	22.6	52	638	5	22.3	47
Zero years / no Natural Science courses reported	583	3	23.0	52	329	3	22.6	50	251	2	23.6	55

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

**PAGE 24** 

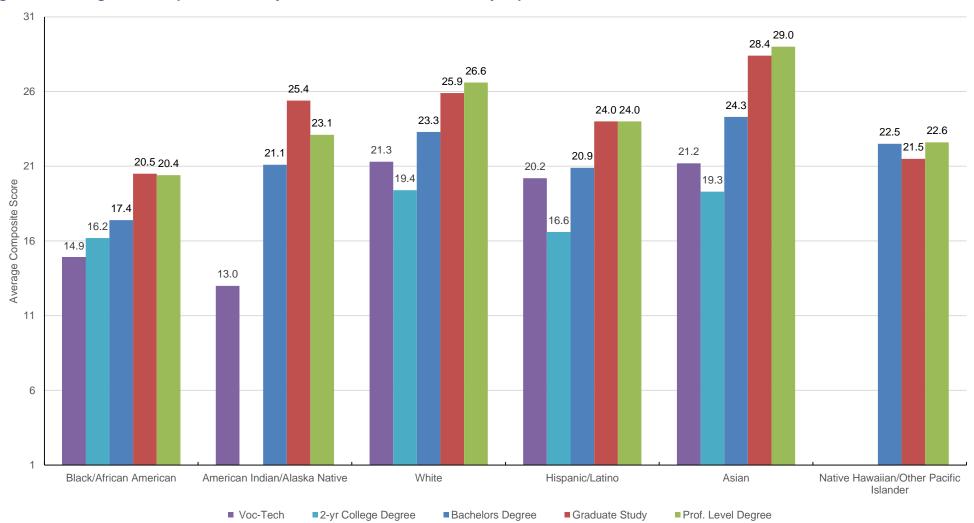
Total Students in Report: 22,738

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Code 239999 Michigan

### Section IV Career and Educational Aspirations

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	166	1	23.1	6	2	19.8	154	1	23.4	
Architecture	211	1	23.5	2	1	17.5	198	1	23.4	
Area, Ethnic, & Multidisciplinary Studies	27	0	23.9	0	0		25	0	24.2	
Arts: Visual & Performing	869	4	23.6	22	9	19.7	801	4	23.8	
Business	2,839	12	23.2	49	20	19.5	2,680	13	23.3	
Communications	371	2	22.6	4	2	20.3	352	2	22.7	
Community, Family, & Personal Services	225	1	20.7	5	2	16.4	213	1	20.9	
Computer Science & Mathematics	801	4	27.0	6	2	17.3	753	4	27.0	
Education	718	3	22.2	7	3	18.6	686	3	22.3	
Engineering	2,571	11	26.2	14	6	17.7	2,439	12	26.3	
Engineering Technology & Drafting	229	1	23.4	6	2	19.0	217	1	23.6	
English & Foreign Languages	222	1	26.3	2	1	21.0	214	1	26.4	
Health Administration & Assisting	461	2	21.0	16	7	17.1	429	2	21.0	
Health Sciences & Technologies	4,635	20	24.1	41	17	19.0	4,458	21	24.2	
Philosophy, Religion, & Theology	65	0	24.2	2	1	24.0	59	0	24.0	
Repair, Production, & Construction	65	0	19.4	17	7	19.0	41	0	19.9	
Sciences: Biological & Physical	2,086	9	26.0	6	2	20.2	2,006	10	26.0	
Social Sciences & Law	1,603	7	24.4	4	2	16.3	1,530	7	24.4	
Undecided	4,127	18	24.5	32	13	18.4	3,657	17	24.6	
No Response	444	2	23.4	0	0		30	0	22.0	

<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					an/ Alaska Native		White		Hispanic/Latino	
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	79	19.4	15	14.9	1	13.0	39	21.3	6	20.2
2-yr College Degree	163	18.6	22	16.2	0		113	19.4	15	16.6
Bachelors Degree	9,175	22.6	874	17.4	26	21.1	6,782	23.3	446	20.9
Graduate Study	5,405	25.7	357	20.5	8	25.4	3,913	25.9	259	24.0
Prof. Level Degree	6,363	26.1	639	20.4	15	23.1	3,917	26.6	341	24.0
Other	150	22.1	20	16.5	0		91	22.4	8	21.4
No Response	1,403	24.4	107	17.7	3	20.3	553	25.1	30	22.7

All Racial/Ethnic Groups Educational Degree Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response		
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	79	19.4	5	21.2	0		4	16.8	9	18.9
2-yr College Degree	163	18.6	4	19.3	0		4	17.0	5	19.6
Bachelors Degree	9,175	22.6	391	24.3	6	22.5	273	22.3	377	23.3
Graduate Study	5,405	25.7	372	28.4	4	21.5	177	26.1	315	26.1
Prof. Level Degree	6,363	26.1	764	29.0	7	22.6	275	26.1	405	27.1
Other	150	22.1	12	27.3	0		10	20.7	9	26.7
No Response	1,403	24.4	183	26.4	2	31.5	22	23.0	503	24.4

Table 4.3. Students' Score Report Preferences at Time of Testing											
					Percent of Students in						
		Number of Students				College Readiness Standards Ranges					
				2nd-6th							
Name	State	Total	1st Choice	Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
MICHIGAN STATE UNIVERSITY	Michigan	6,155	2,410	3,745	0	2	12	27	31	22	5
UNIVERSITY OF MICHIGAN-ANN ARBOR	Michigan	4,491	2,077	2,414	0	1	5	16	30	36	13
GRAND VALLEY STATE UNIVERSITY	Michigan	3,663	953	2,710	0	3	17	32	30	15	2
CENTRAL MICHIGAN UNIVERSITY	Michigan	2,243	498	1,745	0	6	23	32	26	12	2
WESTERN MICHIGAN UNIVERSITY	Michigan	2,204	411	1,793	0	5	22	32	26	13	2
OAKLAND UNIVERSITY	Michigan	2,015	531	1,484	0	5	18	29	27	17	3
WAYNE STATE UNIVERSITY	Michigan	1,868	420	1,448	1	6	20	28	25	17	4
EASTERN MICHIGAN UNIVERSITY	Michigan	992	210	782	1	10	27	29	20	11	2
FERRIS STATE UNIVERSITY	Michigan	945	289	656	1	10	28	29	21	10	1
HOPE COLLEGE	Michigan	701	223	478	0	1	10	28	33	23	5
MICHIGAN TECHNOLOGICAL UNIVERSITY	Michigan	698	200	498	0	1	8	18	31	32	11
SAGINAW VALLEY STATE UNIVERSITY	Michigan	680	166	514	1	8	24	28	26	12	1
UNIVERSITY OF MICHIGAN-DEARBORN	Michigan	676	156	520	1	3	20	28	27	19	2
CALVIN COLLEGE	Michigan	524	214	310	0	2	9	24	30	26	8
NORTHERN MICHIGAN UNIVERSITY	Michigan	516	153	363	0	4	23	31	27	13	2
UNIVERSITY OF MICHIGAN-FLINT	Michigan	431	105	326	0	5	21	26	29	16	3
NCAA ELIGIBILITY CENTER	Indiana	398	177	221	1	9	17	26	28	16	3
UNIVERSITY OF DETROIT MERCY	Michigan	393	86	307	0	3	22	30	29	13	2
PURDUE UNIVERSITY	Indiana	344	50	294	0	0	3	12	31	35	19
UNIVERSITY OF TOLEDO	Ohio	318	116	202	0	5	24	31	26	11	2
LAWRENCE TECHNOLOGICAL UNIVERSITY	Michigan	317	85	232	0	1	12	25	32	22	6
KETTERING UNIVERSITY	Michigan	312	112	200	0	2	6	20	36	29	7
NORTHWESTERN UNIVERSITY	Illinois	291	49	242	0	0	1	6	16	45	31
UNIVERSITY OF NOTRE DAME	Indiana	283	68	215	0	1	3	12	22	39	23
OHIO STATE UNIVERSITY THE	Ohio	276	36	240	0	3	8	22	28	32	7
ALMA COLLEGE	Michigan	268	69	199	0	4	19	31	29	15	2
LOYOLA UNIVERSITY OF CHICAGO	Illinois	264	41	223	0	0	5	22	31	38	4
DAVENPORT UNIVERSITY	Michigan	259	64	195	0	7	27	31	24	11	1
GRAND RAPIDS COMMUNITY COLLEGE	Michigan	254	74	180	1	9	22	40	19	7	2
ALBION COLLEGE	Michigan	250	39	211	0	3	17	32	30	16	2
All Other Institutions		15,288	3,708	11,580	0	5	15	24	24	23	9
Total		48,317	13,790	34,527	0	4	15	26	27	21	6

ACT PROFILE REPORT - State: SECTION IV, CAREER AND EDUCATIONAL ASPIRATIONS

Graduating Class 2018

PAGE 30 Code 239999 Michigan

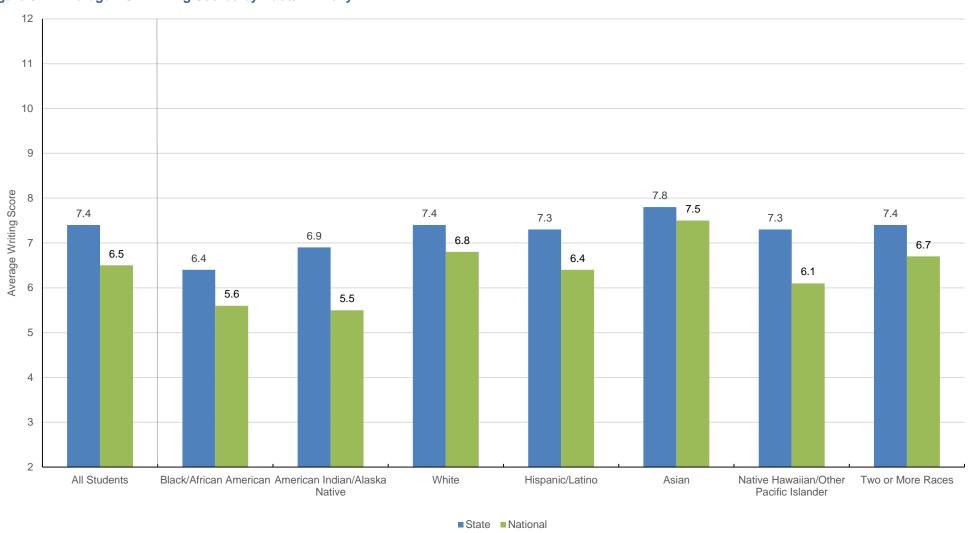
Total Students in Report: 22,738

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Code 239999 Michigan

## Section V Optional Writing Test Results

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



<sup>\*</sup>Missing columns reflect race/ethnicity groupings that are missing.

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

			Average ACT Scores					
		N		English		ding	Writing	
	State	National	State	National	State	National	State	National
All Students	13,837	903,603	25.4	20.7	25.5	21.8	7.4	6.5
Black/African American	1,171	103,370	19.2	15.9	20.0	17.3	6.4	5.6
American Indian/Alaska Native	19	6,413	23.1	15.6	23.3	17.5	6.9	5.5
White	8,979	426,803	25.7	22.5	25.9	23.4	7.4	6.8
Hispanic/Latino	700	177,117	23.0	18.2	23.6	19.6	7.3	6.4
Asian	1,395	63,636	28.7	25.2	27.5	25.1	7.8	7.5
Native Hawaiian/Other Pacific Islander	14	3,602	25.6	17.3	24.4	18.2	7.3	6.1
Two or More Races	515	43,115	25.1	21.2	25.7	22.3	7.4	6.7
Prefer not/No Response	1,044	79,547	26.7	19.9	26.8	21.1	7.5	6.3
Males	6,227	421,102	25.4	20.3	25.5	21.5	7.2	6.3
Females	7,609	472,773	25.4	21.2	25.5	22.1	7.5	6.8
No Response	1	9,728	21.0	15.8	26.0	17.5	6.0	5.3

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

			Average ACT Scores						
			Ave	rage	Percent	Who Met			
		N	ELA	Score	ELA Benchmark				
	State	National	State	National	State	National			
All Students	13,837	903,603	23.7	19.9	78	50			
Black/African American	1,171	103,370	18.6	15.6	39	21			
American Indian/Alaska Native	19	6,413	21.5	15.5	58	20			
White	8,979	426,803	24.0	21.3	82	61			
Hispanic/Latino	700	177,117	22.1	18.0	67	37			
Asian	1,395	63,636	26.0	23.6	85	73			
Native Hawaiian/Other Pacific Islander	14	3,602	23.4	17.0	86	31			
Two or More Races	515	43,115	23.7	20.3	79	53			
Prefer not/No Response	1,044	79,547	24.8	19.1	84	45			
Males	6,227	421,102	23.5	19.3	76	47			
Females	7,609	472,773	23.8	20.5	79	54			
No Response	1	9,728	21.0	15.2	100	21			