

ACT Profile Report - State

Graduating Class 2010
Ohio



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This report provides information about the performance of your 2010 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2010 and tested under standard time conditions.

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 meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

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

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

The ACT:

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

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.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 and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

28% 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: 89,275 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. 78% 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 3.2 reports 6% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 16% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 59% 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 3.2 reports 13% of the cohort took less than three years of natural science courses. 13% of these students were college ready. In comparison, 38% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 41% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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.

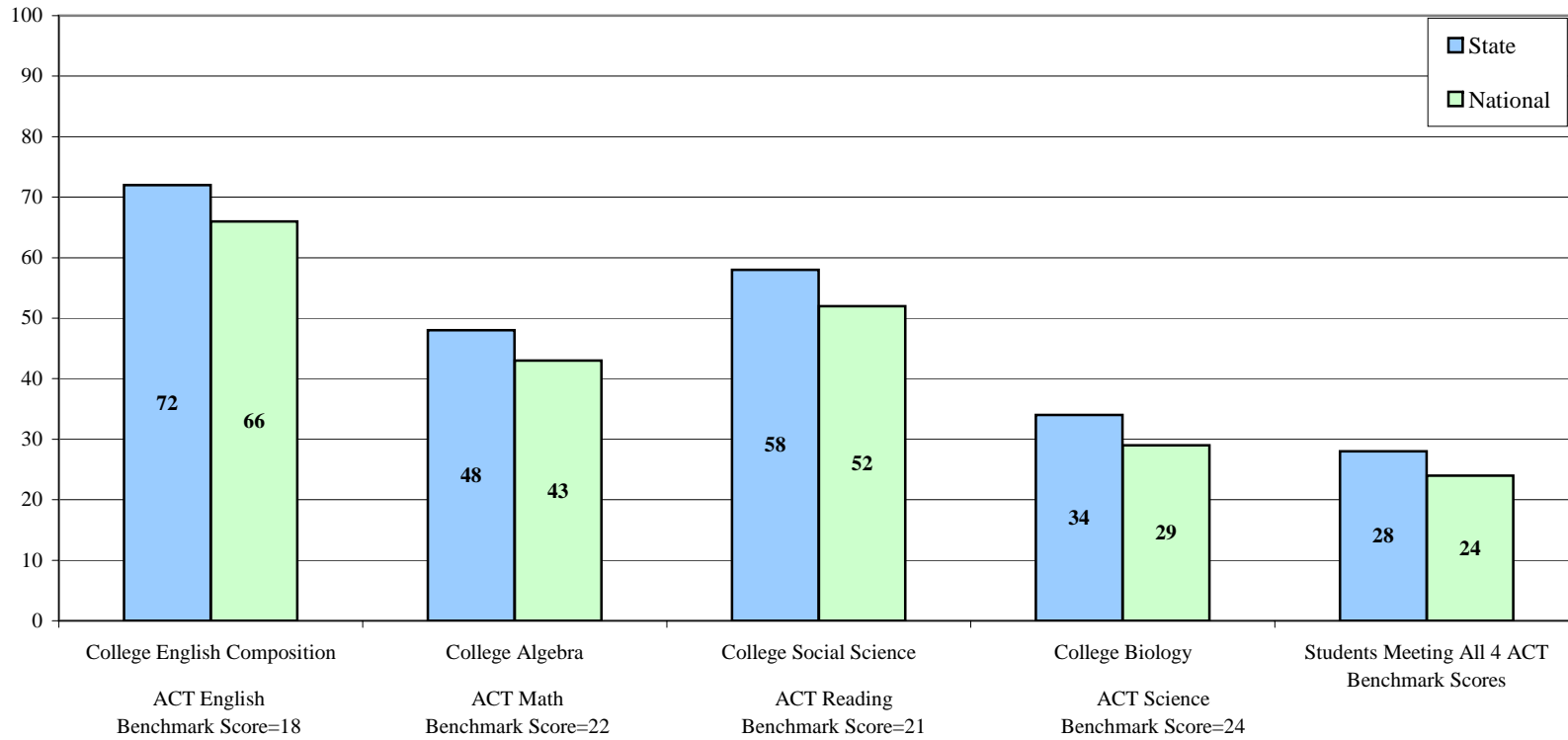
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

Section I

Executive Summary

Total Students in Report: 89,275

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Total Students in Report: 89,275

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2006	81,564	1,206,455	71	69	45	42	56	53	30	27	24	21
2007	86,080	1,300,599	72	69	45	43	56	53	32	28	25	23
2008	88,103	1,421,941	72	68	47	43	57	53	33	28	26	22
2009	88,754	1,480,469	72	67	46	42	58	53	33	28	26	23
2010	89,275	1,568,835	72	66	48	43	58	52	34	29	28	24

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2006	81,564	1,206,455	20.8	20.6	21.3	20.8	21.9	21.4	21.5	20.9	21.5	21.1
2007	86,080	1,300,599	21.0	20.7	21.3	21.0	22.0	21.5	21.6	21.0	21.6	21.2
2008	88,103	1,421,941	21.1	20.6	21.5	21.0	22.1	21.4	21.7	20.8	21.7	21.1
2009	88,754	1,480,469	21.1	20.6	21.4	21.0	22.2	21.4	21.7	20.9	21.7	21.1
2010	89,275	1,568,835	21.2	20.5	21.5	21.0	22.1	21.3	21.8	20.9	21.8	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 89,275

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
2006	46,872	27,594	57	34	21.9	19.1	22.3	19.6	22.8	20.5	22.3	20.2	22.4	20.0
2007	47,485	27,118	55	32	21.9	19.2	22.2	19.7	22.8	20.6	22.3	20.3	22.4	20.0
2008	59,739	23,101	68	26	21.9	19.0	22.3	19.5	22.8	20.4	22.3	20.1	22.4	19.9
2009	67,786	19,318	76	22	22.0	18.6	22.3	19.0	22.9	20.1	22.4	19.7	22.5	19.5
2010	69,962	18,169	78	20	22.0	18.5	22.3	19.0	22.8	19.9	22.5	19.7	22.5	19.4

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.

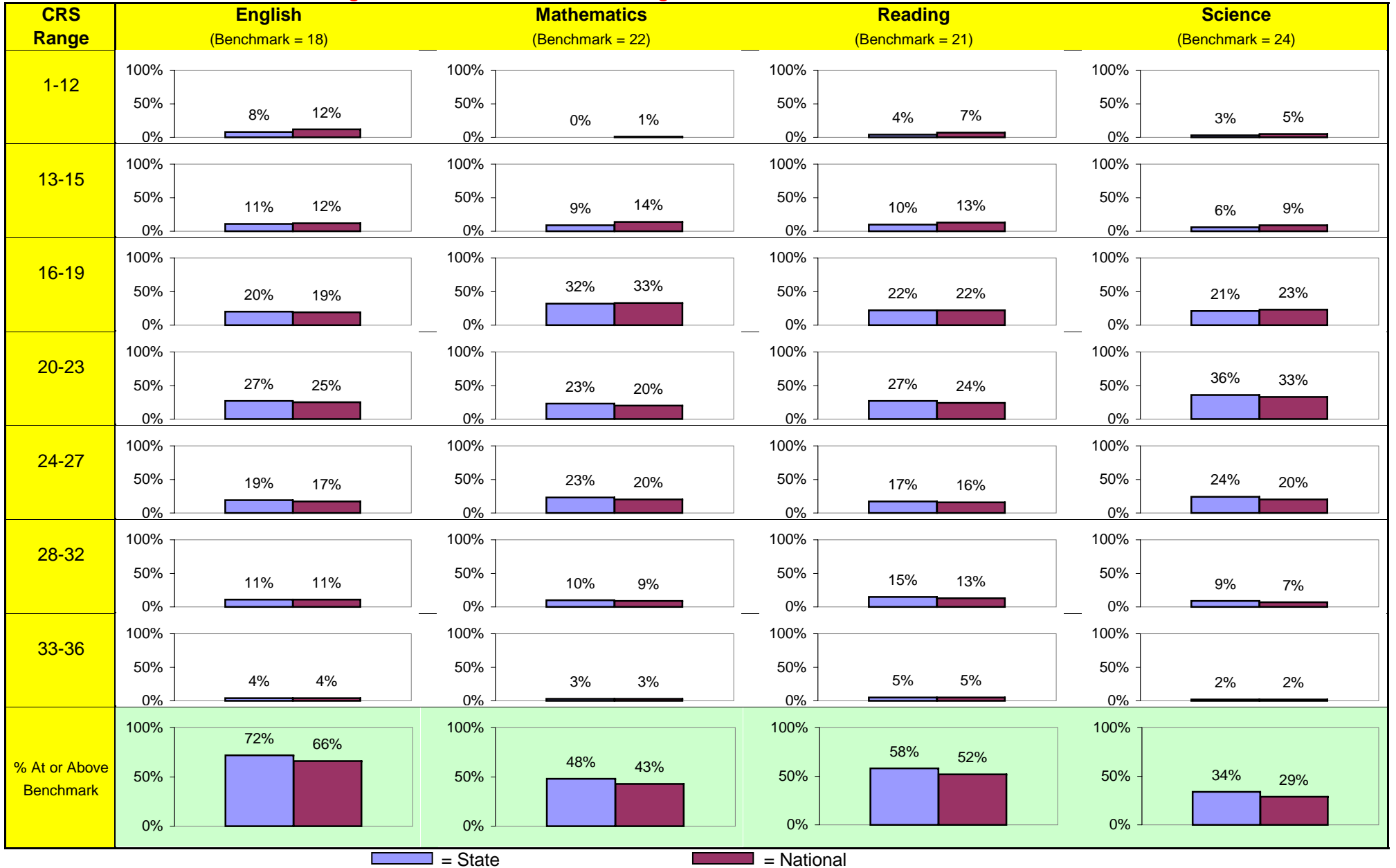
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	81,564	100	21.5	86,080	100	21.6	88,103	100	21.7	88,754	100	21.7	89,275	100	21.8
African American/Black	7,666	9	17.2	8,177	9	17.0	9,108	10	17.1	9,607	11	17.2	10,198	11	17.3
American Indian/Alaska Native	233	0	20.3	247	0	20.8	251	0	20.4	251	0	20.6	250	0	20.9
Caucasian American/White	62,306	76	22.0	62,599	73	22.1	67,493	77	22.2	69,828	79	22.4	69,790	78	22.5
Hispanic	1,360	2	20.1	1,405	2	20.2	1,609	2	20.1	1,747	2	20.5	1,861	2	20.3
Asian American/Pacific Islander	1,261	2	23.3	1,298	2	23.9	1,456	2	24.1	1,639	2	24.1	1,650	2	24.3
Other/No Response	8,738	11	21.7	12,354	14	22.2	8,186	9	22.3	5,682	6	21.7	5,526	6	21.4

Total Students in Report: 89,275

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



Section II

Academic Achievement

Total Students in Report: 89,275

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	268	100	184	100	638	100	322	100	38	100	36
35	1,156	100	608	100	689	99	440	100	221	100	35
34	1,294	98	807	99	1,501	99	492	99	490	100	34
33	1,222	97	997	98	1,756	97	683	99	817	99	33
32	1,123	96	1,106	97	1,976	95	553	98	1,163	98	32
31	1,484	94	1,164	96	2,414	93	1,154	97	1,490	97	31
30	1,985	93	1,612	95	2,936	90	1,476	96	2,088	95	30
29	2,116	90	1,911	93	3,026	87	1,773	94	2,458	93	29
28	2,728	88	2,866	91	3,282	83	2,645	92	3,190	90	28
27	3,108	85	3,746	87	3,339	80	3,322	89	3,919	87	27
26	4,233	82	5,029	83	3,657	76	4,478	86	4,527	82	26
25	4,527	77	5,320	78	3,873	72	6,674	81	5,409	77	25
24	5,205	72	6,612	72	4,700	67	6,744	73	5,790	71	24
23	5,211	66	6,010	64	5,890	62	8,123	66	6,305	65	23
22	5,749	60	5,261	57	5,766	56	6,980	56	6,793	58	22
21	7,163	54	4,407	52	6,564	49	8,545	49	7,061	50	21
20	6,166	46	4,922	47	5,996	42	8,628	39	6,915	42	20
19	5,461	39	5,290	41	5,696	35	6,824	29	6,575	34	19
18	4,177	33	6,011	35	4,291	29	5,445	22	6,183	27	18
17	4,061	28	8,287	28	5,162	24	3,553	16	5,046	20	17
16	4,410	23	8,871	19	4,157	18	2,778	12	4,260	14	16
15	4,532	18	5,363	9	3,269	13	2,163	9	3,387	10	15
14	2,975	13	1,987	3	3,405	10	1,697	6	2,376	6	14
13	1,992	10	651	1	1,930	6	1,528	4	1,534	3	13
12	1,863	8	182	1	1,603	4	915	3	797	1	12
11	1,810	6	44	1	1,085	2	679	2	328	1	11
10	1,338	4	14	1	319	1	400	1	83	1	10
9	970	2	7	1	161	1	160	1	23	1	9
8	582	1	1	1	106	1	58	1	7	1	8
7	243	1	1	1	47	1	22	1	0	1	7
6	86	1	3	1	22	1	12	1	0	1	6
5	19	1	0	1	14	1	4	1	1	1	5
4	14	1	1	1	3	1	3	1	1	1	4
3	4	1	0	1	0	1	2	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.2 (6.0)		21.5 (5.1)		22.1 (5.9)		21.8 (4.7)		21.8 (4.9)		Avg (SD)

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

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

Total Students in Report: 89,275

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	3,442	100	1,087	100	2,209	100	3,235	100	3,497	100	878	100	638	100	18
17	3,360	96	1,057	99	3,884	98	6,559	96	4,606	96	750	99	782	99	17
16	4,319	92	4,641	98	5,405	93	4,610	89	4,765	91	2,741	98	2,811	98	16
15	4,651	88	6,235	92	6,184	87	7,069	84	6,205	86	3,497	95	4,504	95	15
14	5,286	82	6,889	85	6,703	80	6,264	76	6,388	79	8,176	91	7,354	90	14
13	5,357	76	8,470	78	6,224	73	8,063	69	7,320	71	9,132	82	10,330	82	13
12	7,476	70	10,878	68	9,362	66	7,787	60	9,501	63	9,999	72	9,439	70	12
11	7,943	62	11,378	56	8,840	55	9,014	51	8,186	53	12,104	61	11,422	60	11
10	11,488	53	9,323	43	9,953	45	8,081	41	9,293	43	13,177	47	12,765	47	10
9	8,720	40	10,380	33	10,497	34	6,742	32	6,525	33	12,843	32	10,363	33	9
8	7,114	31	6,951	21	7,613	22	6,794	24	9,735	26	7,639	18	8,751	21	8
7	6,840	23	4,894	13	6,821	14	4,567	17	8,236	15	3,943	9	3,478	11	7
6	5,004	15	2,184	8	2,996	6	5,051	12	3,402	6	1,723	5	3,077	7	6
5	3,706	9	2,329	5	1,485	3	3,335	6	1,014	2	1,359	3	1,709	4	5
4	2,625	5	1,767	3	526	1	1,391	2	417	1	510	1	639	2	4
3	1,372	2	718	1	384	1	513	1	132	1	583	1	751	1	3
2	515	1	85	1	141	1	188	1	47	1	71	1	338	1	2
1	57	1	9	1	48	1	12	1	6	1	150	1	124	1	1
Avg (SD)	10.5 (3.8)		11.0 (3.1)		11.2 (3.3)		11.4 (3.7)		11.4 (3.4)		10.8 (2.8)		10.8 (2.9)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	25	26	25	25
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 89,275

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	89,275	78	22.5	19.4
	African American/Black	10,198	70	17.8	16.1
	American Indian/Alaska Native	250	74	21.6	19.0
	Caucasian American/White	69,790	80	23.1	20.1
	Hispanic	1,861	72	21.1	18.3
	Asian American/Pacific Islander	1,650	85	24.8	21.8
	Other/No Response	5,526	76	22.1	19.3
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

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 Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.2	21.5	22.1	21.8	21.8
	African American/Black	16.0	17.4	17.3	17.9	17.3
	American Indian/Alaska Native	20.0	20.6	21.4	21.1	20.9
	Caucasian American/White	22.0	22.1	22.8	22.4	22.5
	Hispanic	19.4	20.0	20.7	20.5	20.3
	Asian American/Pacific Islander	23.6	25.3	23.9	24.1	24.3
	Other/No Response	20.8	21.1	21.8	21.4	21.4
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 89,275

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	3,940	4	2,596	3	4,584	5	1,937	2
	28 to 32	9,436	11	8,659	10	13,634	15	7,601	9
	24 to 27	17,073	19	20,707	23	15,569	17	21,218	24
	20 to 23	24,289	27	20,600	23	24,216	27	32,276	36
	16 to 19	18,109	20	28,459	32	19,306	22	18,600	21
	13 to 15	9,499	11	8,001	9	8,604	10	5,388	6
	01 to 12	6,929	8	253	0	3,362	4	2,255	3
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	40,870	46	21.0	22.4	22.1	22.5	22.1
	Females	48,362	54	21.4	20.8	22.1	21.3	21.5
	Missing	43	0	17.1	18.5	18.9	19.5	18.5
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	71	55	58	41	33
	Females	73	43	58	29	24
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 89,275

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	69,962	77	22.0	55	22.3	63	22.8	39	22.5	32	22.5
	Less than Core	18,169	54	18.5	25	19.0	42	19.9	18	19.7	12	19.4
	Missing ³	1,144	32	15.6	11	17.0	23	17.3	9	17.6	5	17.0
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

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 CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	86,887	73	21.3	82,837	52	21.9	83,343	59	22.2	77,200	38	22.3
	Less than Core	1,659	51	18.0	5,410	8	17.0	5,150	49	21.0	11,269	13	19.1
	Missing ³	729	36	16.0	1,028	10	16.9	782	25	17.3	806	10	17.7
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

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.

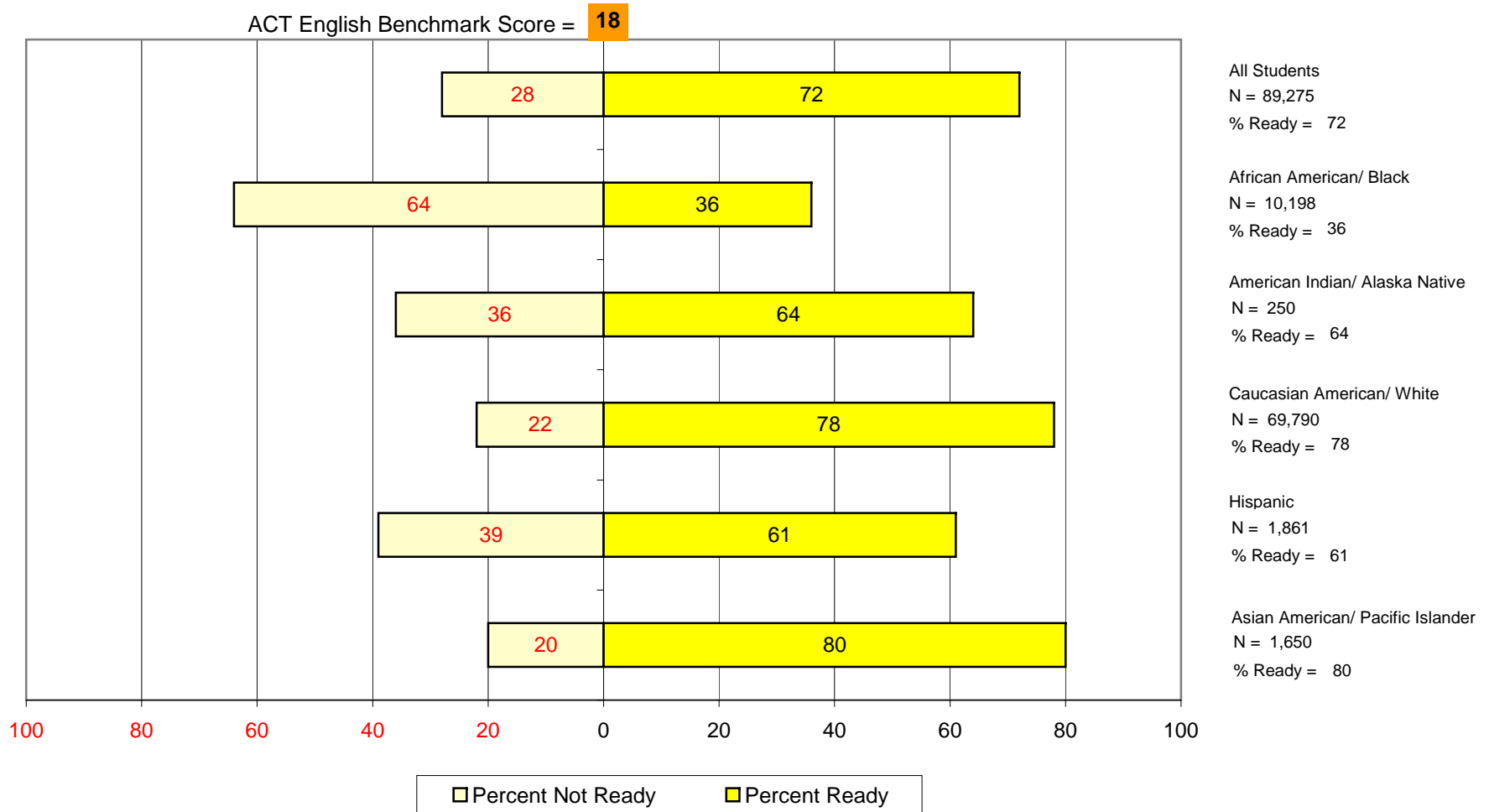
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

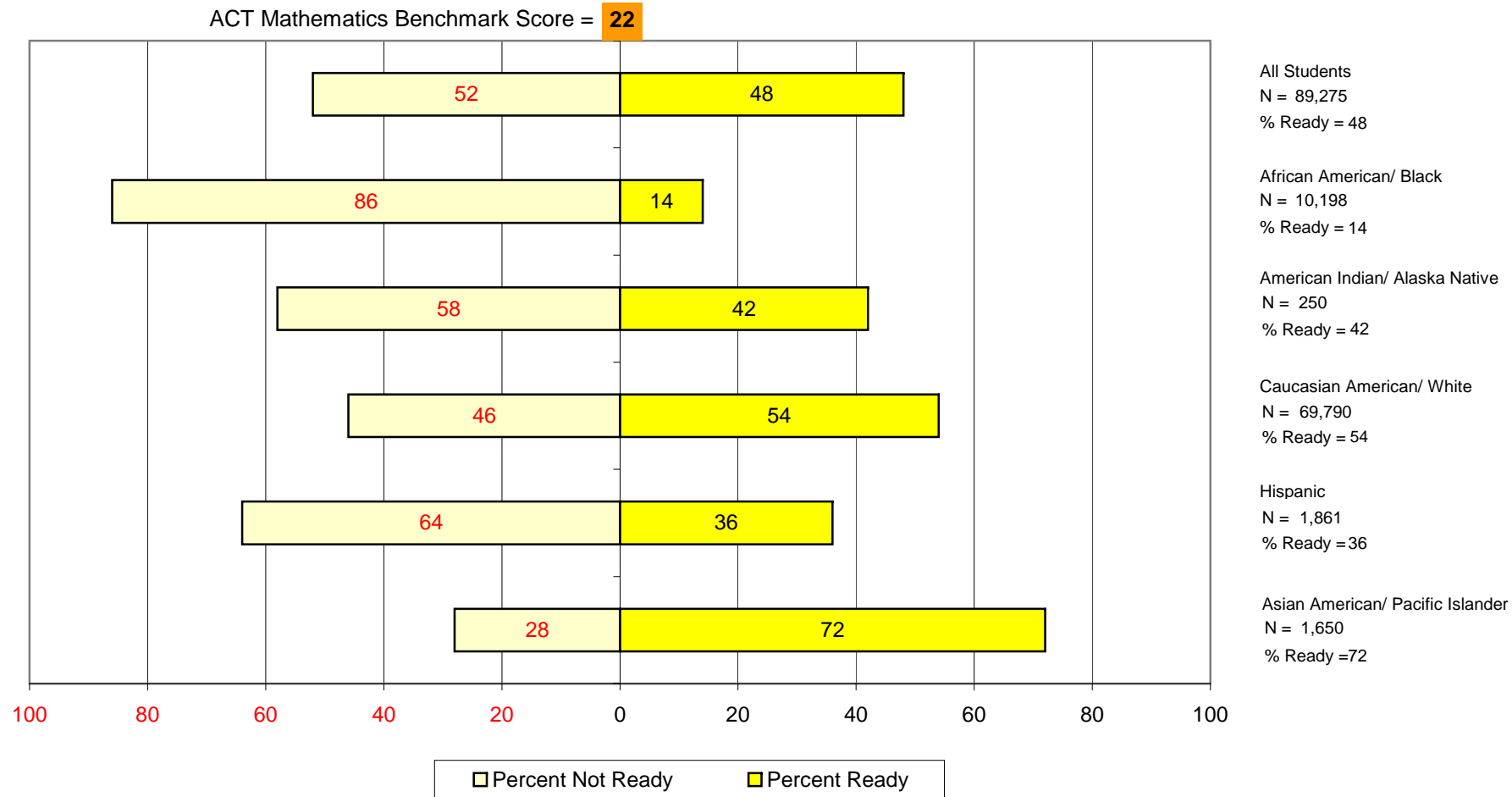
Total Students in Report: 89,275

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH



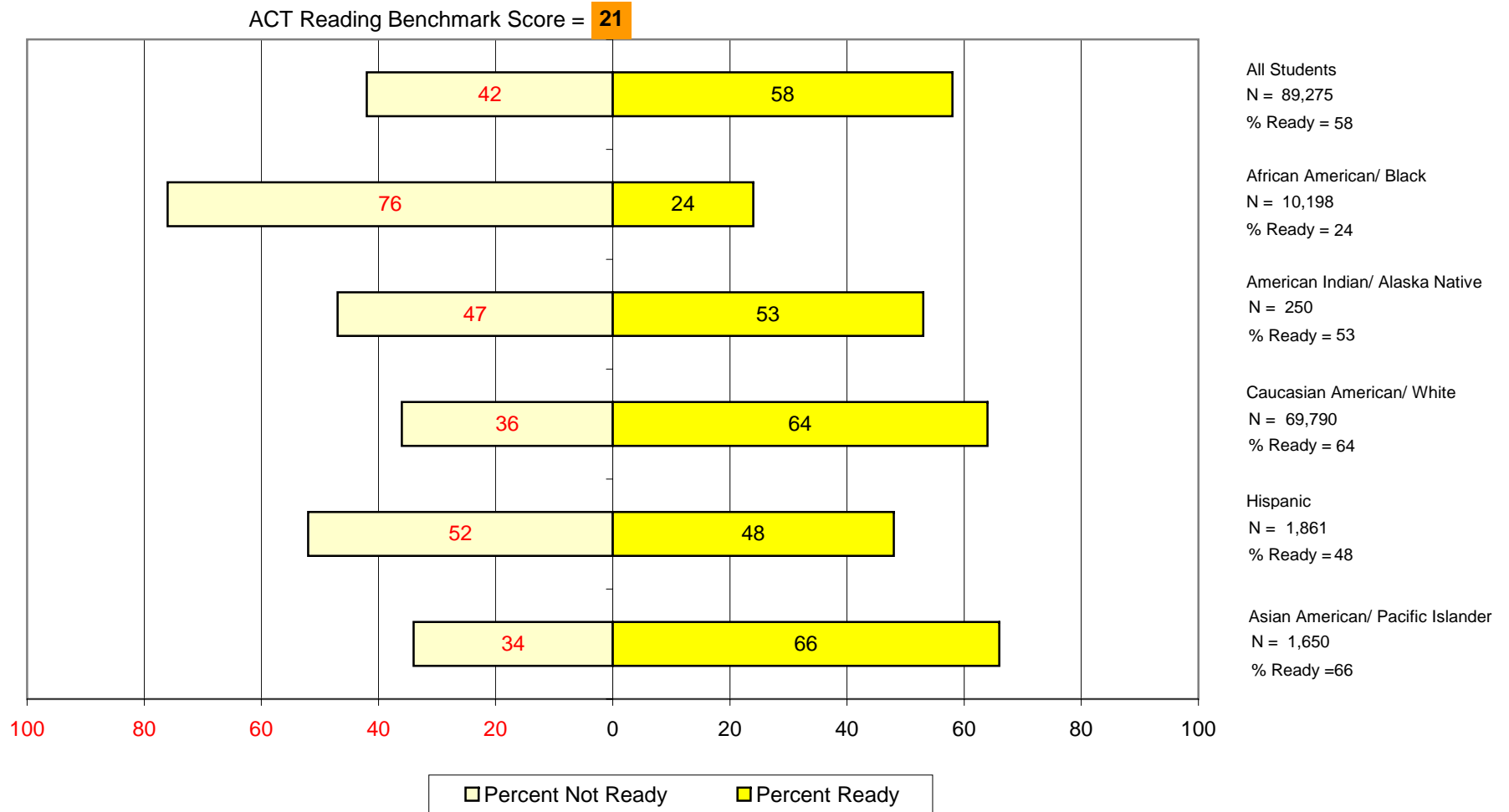
Total Students in Report: 89,275

Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS



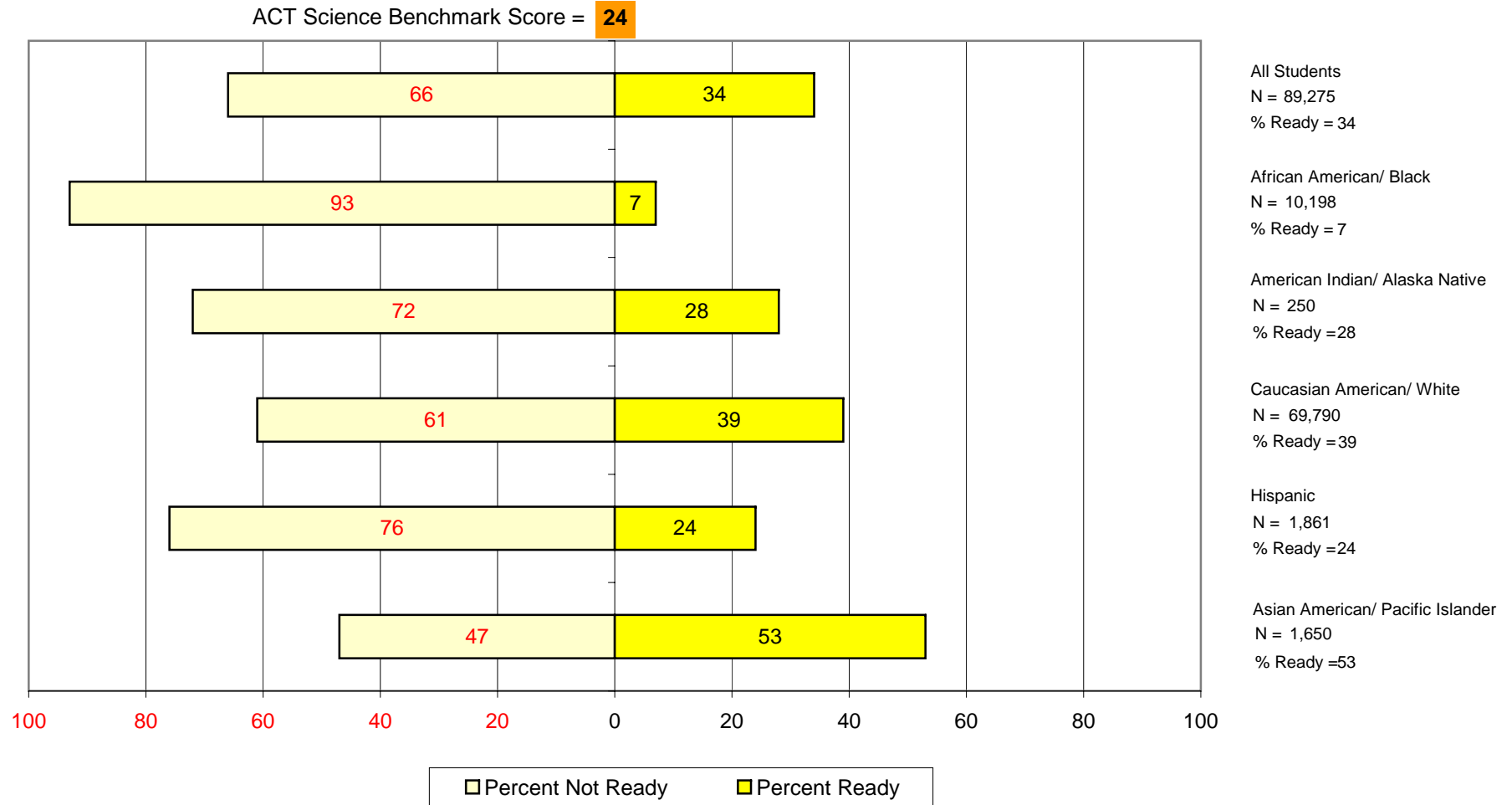
Total Students in Report: 89,275

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



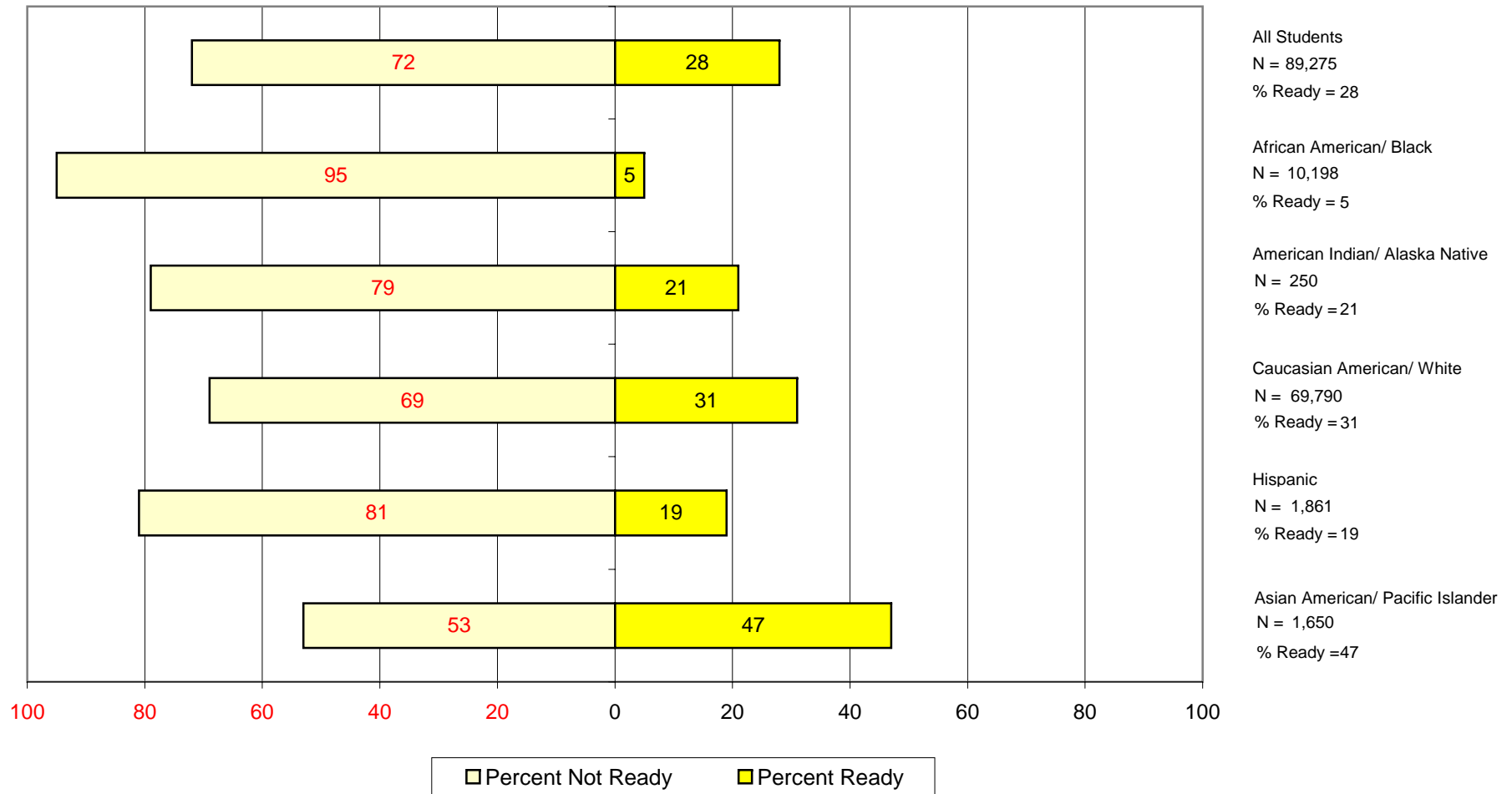
Total Students in Report: 89,275

Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 89,275

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 89,275

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	22,400	25	22.4	4.4	9,258	23	22.0	4.2	13,136	27	22.7	4.5
Eng 9, Eng 10, Eng 11, Eng 12	64,487	72	20.9	2.9	30,494	75	20.8	3.0	33,965	70	21.0	2.8
Less than 4 years of English	1,659	2	18.0	-	774	2	17.8	-	879	2	18.2	-
Zero years / no English courses reported	729	1	16.0	-	344	1	16.1	-	382	1	15.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	5,129	6	25.0	8.0	2,540	6	25.9	8.6	2,585	5	24.2	7.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,641	9	22.3	5.3	3,165	8	22.9	5.6	4,476	9	21.8	5.1
Alg 1, Alg 2, Geom, & Trig	5,364	6	20.4	3.4	2,442	6	21.0	3.7	2,920	6	19.9	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	15,587	17	20.5	3.5	6,054	15	21.0	3.7	9,530	20	20.2	3.5
Other comb of 4 or more years of Math	30,540	34	24.3	7.3	15,852	39	25.1	7.8	14,682	30	23.6	6.9
Alg 1, Alg 2, & Geom	14,254	16	17.9	0.9	5,803	14	18.3	1.0	8,436	17	17.6	0.9
Other comb of 3 or 3.5 years of Math	4,322	5	20.5	3.5	2,139	5	20.9	3.6	2,181	5	20.1	3.4
Less than 3 years of Math	5,410	6	17.0	-	2,379	6	17.3	-	3,024	6	16.7	-
Zero years / no Math courses reported	1,028	1	16.9	-	496	1	17.3	-	528	1	16.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	5,713	6	22.7	1.7	2,878	7	22.6	1.7	2,830	6	22.8	1.8
Other comb of 4 or more years Social Science	37,278	42	22.7	1.7	17,410	43	22.7	1.8	19,861	41	22.8	1.8
US Hist, World Hist, & Am Gov	14,224	16	20.9	-0.1	6,546	16	20.9	0.0	7,672	16	20.8	-0.2
Other comb of 3 or 3.5 years of Social Science	26,128	29	22.2	1.2	11,320	28	22.3	1.4	14,797	31	22.2	1.2
Less than 3 years of Social Science	5,150	6	21.0	-	2,348	6	20.9	-	2,791	6	21.0	-
Zero years / no Social Science courses reported	782	1	17.3	-	368	1	17.3	-	411	1	17.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	38,572	43	23.2	4.1	19,949	49	23.9	4.6	18,605	38	22.4	3.4
Bio, Chem, Phys	4,811	5	25.1	6.0	2,518	6	25.8	6.5	2,292	5	24.4	5.4
Gen Sci ² , Bio, Chem	31,627	35	20.9	1.8	11,819	29	21.2	1.9	19,799	41	20.7	1.7
Other comb of 3 years of Natural Science	2,190	2	20.2	1.1	1,239	3	20.8	1.5	950	2	19.3	0.3
Less than 3 years of Natural Science	11,269	13	19.1	-	4,962	12	19.3	-	6,296	13	19.0	-
Zero years / no Natural Science courses reported	806	1	17.7	-	383	1	18.1	-	420	1	17.3	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 89,275

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	22,400	25	22.4	79	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	64,487	72	20.9	71	1,096,437	70	20.5	66
Less than 4 years of English	1,659	2	18.0	51	74,180	5	16.4	39
Zero years / no English courses reported	729	1	16.0	36	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	5,129	6	25.0	78	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,641	9	22.3	60	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	5,364	6	20.4	40	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	15,587	17	20.5	41	239,289	15	20.0	36
Other comb of 4 or more years of Math	30,540	34	24.3	71	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	14,254	16	17.9	14	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	4,322	5	20.5	39	74,720	5	19.9	35
Less than 3 years of Math	5,410	6	17.0	8	97,949	6	16.4	7
Zero years / no Math courses reported	1,028	1	16.9	10	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	5,713	6	22.7	61	47,523	3	22.6	60
Other comb of 4 or more years Social Science	37,278	42	22.7	63	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	14,224	16	20.9	49	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	26,128	29	22.2	59	439,520	28	21.2	51
Less than 3 years of Social Science	5,150	6	21.0	49	156,679	10	19.5	39
Zero years / no Social Science courses reported	782	1	17.3	25	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	38,572	43	23.2	47	620,765	40	22.2	40
Bio, Chem, Phys	4,811	5	25.1	64	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	31,627	35	20.9	24	474,375	30	20.1	21
Other comb of 3 years of Natural Science	2,190	2	20.2	21	43,231	3	19.7	21
Less than 3 years of Natural Science	11,269	13	19.1	13	231,566	15	18.3	12
Zero years / no Natural Science courses reported	806	1	17.7	10	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 89,275

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 ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	911	1	19.8	167	4	18.0	705	1	20.2
Architecture & Environmental Design	1,690	2	22.0	63	2	17.7	1,539	2	22.2
Business & Management	8,434	9	21.2	296	7	17.1	7,749	10	21.4
Business & Office	612	1	19.6	63	2	17.0	498	1	20.1
Marketing & Distribution	850	1	21.0	29	1	18.2	787	1	21.1
Communications & Comm. Technologies	2,402	3	21.9	66	2	18.1	2,216	3	22.0
Community & Personal Services	2,123	2	19.2	212	5	17.9	1,813	2	19.4
Computer & Information Sciences	2,047	2	22.1	148	4	18.7	1,799	2	22.4
Cross-Disciplinary Studies	118	0	23.5	2	0	20.5	106	0	23.3
Education	4,730	5	21.3	106	3	16.7	4,416	6	21.5
Teacher Education	2,728	3	20.8	43	1	16.9	2,558	3	21.0
Engineering	4,124	5	24.5	101	2	17.0	3,863	5	24.7
Engineering-Related Technologies	2,896	3	23.0	116	3	18.7	2,622	3	23.3
Foreign Languages	538	1	24.3	10	0	19.4	498	1	24.4
Health Sciences & Allied Health Fields	19,633	22	21.2	1,284	31	17.7	17,619	22	21.5
Human, Family & Consumer Science	886	1	19.4	115	3	17.6	717	1	19.7
Letters	557	1	24.6	12	0	19.6	517	1	24.8
Mathematics	763	1	24.3	11	0	20.6	712	1	24.4
Philosophy, Religion & Theology	426	0	22.8	9	0	18.9	399	1	22.9
Sciences (Biological & Physical)	5,454	6	24.0	64	2	19.0	5,154	6	24.1
Social Sciences	5,536	6	22.6	49	1	17.9	5,267	7	22.7
Trade & Industrial	576	1	18.7	243	6	18.0	304	0	19.2
Visual & Performing Arts	5,359	6	21.6	259	6	18.3	4,729	6	21.8
Undecided	14,400	16	22.1	628	15	17.5	12,457	16	22.4
No Response	1,482	2	17.5	43	1	14.8	278	0	18.6

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: 89,275

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	475	17.9	54	14.6	1	23.0	383	18.5	9	18.1	3	16.0	25	16.7
2-yr College Degree	3,664	17.7	434	14.6	14	17.6	2,933	18.3	74	16.0	23	17.0	186	16.8
Bachelors Degree	41,671	20.8	3,943	16.6	100	20.1	34,326	21.4	859	19.4	436	20.9	2,007	20.0
Graduate Study	14,879	23.8	1,336	18.7	37	22.2	12,137	24.4	253	22.2	243	24.7	873	23.2
Prof. Level Degree	22,772	23.4	3,332	18.4	75	22.6	16,153	24.4	540	21.6	825	26.5	1,847	22.9
Other	1,764	19.1	270	15.7	7	16.3	1,277	19.9	27	17.5	27	19.7	156	19.0
No Response	4,050	21.0	829	15.8	16	19.6	2,581	22.6	99	20.1	93	23.4	432	21.6

Total Students in Report: 89,275

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
OHIO STATE UNIVERSITY THE	Ohio	19,670	8,265	11,405	1	5	16	29	29	17	2
UNIVERSITY OF CINCINNATI	Ohio	11,571	4,054	7,517	1	7	22	32	26	12	1
OHIO UNIVERSITY	Ohio	10,149	2,904	7,245	0	4	20	36	28	11	1
KENT STATE UNIVERSITY	Ohio	9,505	2,871	6,634	1	9	29	34	20	6	0
BOWLING GREEN STATE UNIVERSITY	Ohio	8,573	2,419	6,154	1	7	27	35	22	7	0
UNIVERSITY OF AKRON	Ohio	8,074	2,694	5,380	2	10	29	32	19	7	1
MIAMI UNIVERSITY	Ohio	7,852	2,049	5,803	1	2	11	28	35	21	2
UNIVERSITY OF TOLEDO	Ohio	7,567	2,159	5,408	2	10	26	31	21	8	1
WRIGHT STATE UNIVERSITY	Ohio	5,161	1,573	3,588	2	10	28	32	19	8	0
UNIVERSITY OF DAYTON	Ohio	3,481	704	2,777	1	3	12	29	34	20	2
CLEVELAND STATE UNIVERSITY	Ohio	2,759	797	1,962	4	15	33	29	15	4	0
YOUNGSTOWN STATE UNIVERSITY	Ohio	2,614	1,061	1,553	2	14	33	30	16	6	0
XAVIER UNIVERSITY-OH	Ohio	2,448	458	1,990	1	5	18	31	28	15	1
NCAA ELIGIBILITY CENTER	Indiana	2,316	1,174	1,142	2	10	24	30	22	10	1
OHIO NORTHERN UNIVERSITY	Ohio	2,024	528	1,496	0	3	12	27	34	22	2
CAPITAL UNIVERSITY	Ohio	1,976	500	1,476	1	7	24	32	26	9	0
ASHLAND UNIVERSITY	Ohio	1,891	541	1,350	1	6	24	36	24	9	0
CASE WESTERN RESERVE UNIV	Ohio	1,747	482	1,265	1	4	10	17	28	33	7
NORTHERN KENTUCKY UNIVERSITY	Kentucky	1,657	367	1,290	2	9	32	35	17	5	0
OTTERBEIN COLLEGE	Ohio	1,647	357	1,290	1	5	19	35	28	11	1
BALDWIN-WALLACE COLLEGE	Ohio	1,558	445	1,113	1	5	21	33	26	12	0
UNIVERSITY OF FINDLAY THE	Ohio	1,555	355	1,200	0	4	20	35	28	12	1
MOUNT UNION COLLEGE	Ohio	1,511	398	1,113	1	7	27	34	23	7	0
UNIVERSITY OF KENTUCKY	Kentucky	1,500	325	1,175	0	3	16	36	29	15	1
COLUMBUS STATE COMMUNITY COLLEGE	Ohio	1,454	467	987	4	16	32	33	12	3	0
SHAWNEE STATE UNIVERSITY	Ohio	1,426	563	863	1	12	37	32	14	4	0
OWENS COMMUNITY COLLEGE	Ohio	1,203	333	870	4	17	38	30	9	2	0
SINCLAIR COMMUNITY COLLEGE	Ohio	1,030	339	691	3	14	37	31	13	3	0
PURDUE UNIVERSITY	Indiana	1,019	200	819	0	1	5	15	33	38	7
OHIO DOMINICAN UNIVERSITY	Ohio	947	222	725	4	16	35	27	15	3	0
All Other Institutions		75,830	20,021	55,809	2	9	24	28	21	14	2
Total		201,715	59,625	142,090	1	8	23	30	23	13	2

Section V Optional Writing Test Results

Total Students in Report: 89,275

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	53,632	869,014	21.7	21.4	7.0	7.1	20.8	20.8
African American/Black	6,791	107,638	16.3	16.4	6.2	6.4	16.1	16.4
American Indian/Alaska Native	148	6,232	20.2	18.9	6.8	6.6	19.6	18.4
Caucasian American/White	40,655	518,004	22.6	23.0	7.1	7.3	21.6	22.1
Hispanic	1,220	101,126	19.8	18.1	6.8	6.9	19.3	18.1
Asian American/Pacific Islander	1,216	49,922	24.6	23.6	7.6	7.7	23.5	22.9
Other/No Response	3,602	86,092	21.3	21.0	7.0	7.1	20.5	20.4
Males	23,910	384,152	21.6	21.1	6.8	6.9	20.6	20.3
Females	29,689	484,023	21.7	21.7	7.1	7.3	21.0	21.2
Missing	33	839	17.8	16.8	6.4	6.3	17.4	16.6

