

ACT Profile Report - State

Graduating Class 2010
Kansas



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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: 23,342 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. 80% 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. 17% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 16% of these students were college ready. In comparison, 62% 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 12% of the cohort took less than three years of natural science courses. 13% of these students were college ready. In comparison, 37% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 39% 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.

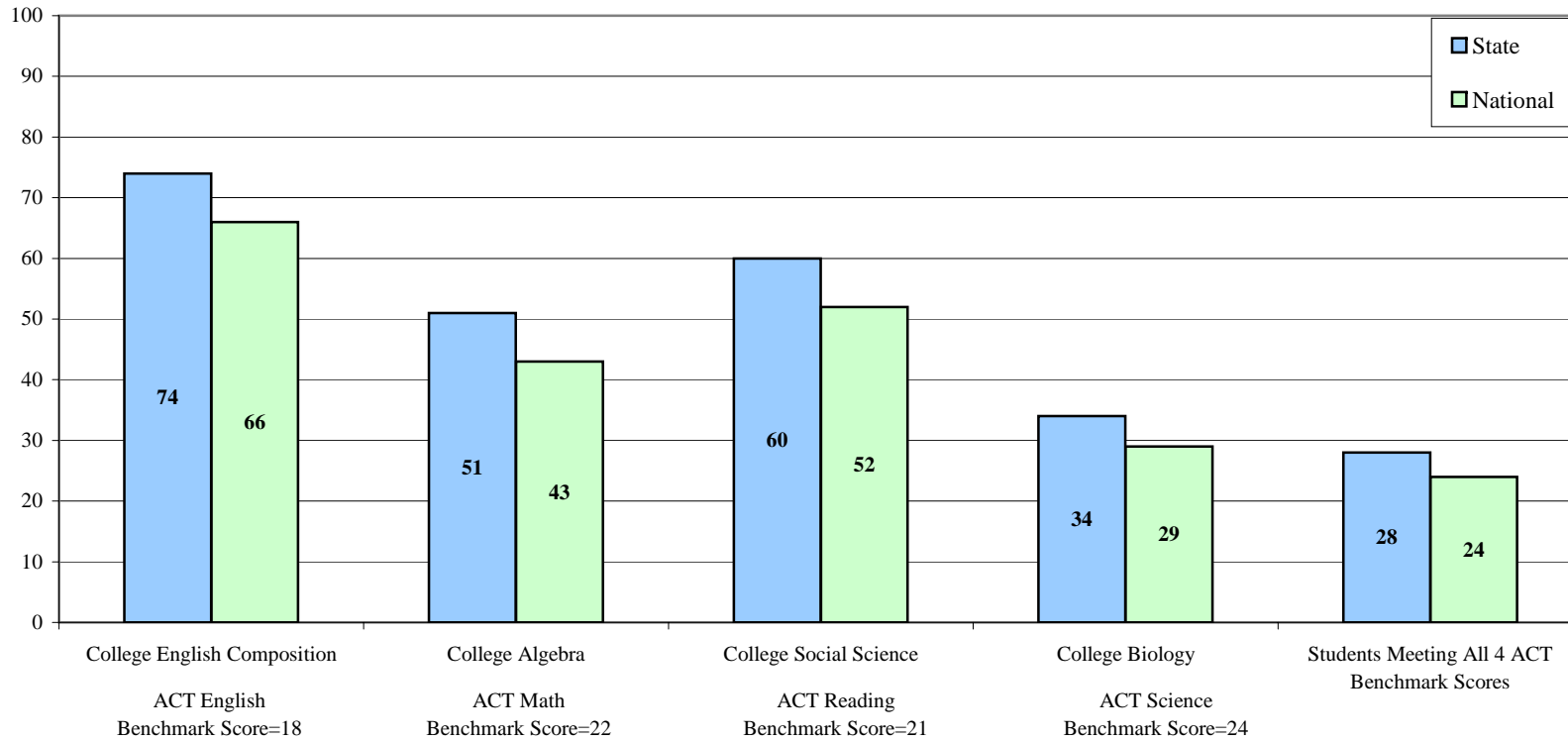
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 303-337-3273.

Section I

Executive Summary

Total Students in Report: 23,342

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: 23,342

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	23,056	1,206,455	74	69	47	42	59	53	32	27	25	21
2007	23,196	1,300,599	75	69	48	43	59	53	32	28	26	23
2008	23,687	1,421,941	75	68	49	43	61	53	33	28	26	22
2009	23,147	1,480,469	74	67	48	42	60	53	33	28	26	23
2010	23,342	1,568,835	74	66	51	43	60	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	23,056	1,206,455	21.3	20.6	21.5	20.8	22.3	21.4	21.6	20.9	21.8	21.1
2007	23,196	1,300,599	21.4	20.7	21.6	21.0	22.4	21.5	21.7	21.0	21.9	21.2
2008	23,687	1,421,941	21.5	20.6	21.8	21.0	22.6	21.4	21.8	20.8	22.0	21.1
2009	23,147	1,480,469	21.4	20.6	21.7	21.0	22.4	21.4	21.8	20.9	21.9	21.1
2010	23,342	1,568,835	21.4	20.5	21.7	21.0	22.3	21.3	21.9	20.9	22.0	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: 23,342

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	14,423	6,848	63	30	22.3	19.2	22.5	19.6	23.2	20.5	22.4	20.1	22.7	20.0
2007	13,384	6,970	58	30	22.4	19.6	22.6	19.8	23.2	20.8	22.5	20.2	22.8	20.3
2008	16,413	5,987	69	25	22.3	19.3	22.5	19.8	23.3	20.8	22.4	20.1	22.8	20.1
2009	18,139	4,691	78	20	22.2	18.6	22.4	19.2	23.1	20.1	22.3	19.6	22.6	19.5
2010	18,587	4,477	80	19	22.2	18.4	22.4	19.1	23.0	19.8	22.5	19.6	22.6	19.3

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.

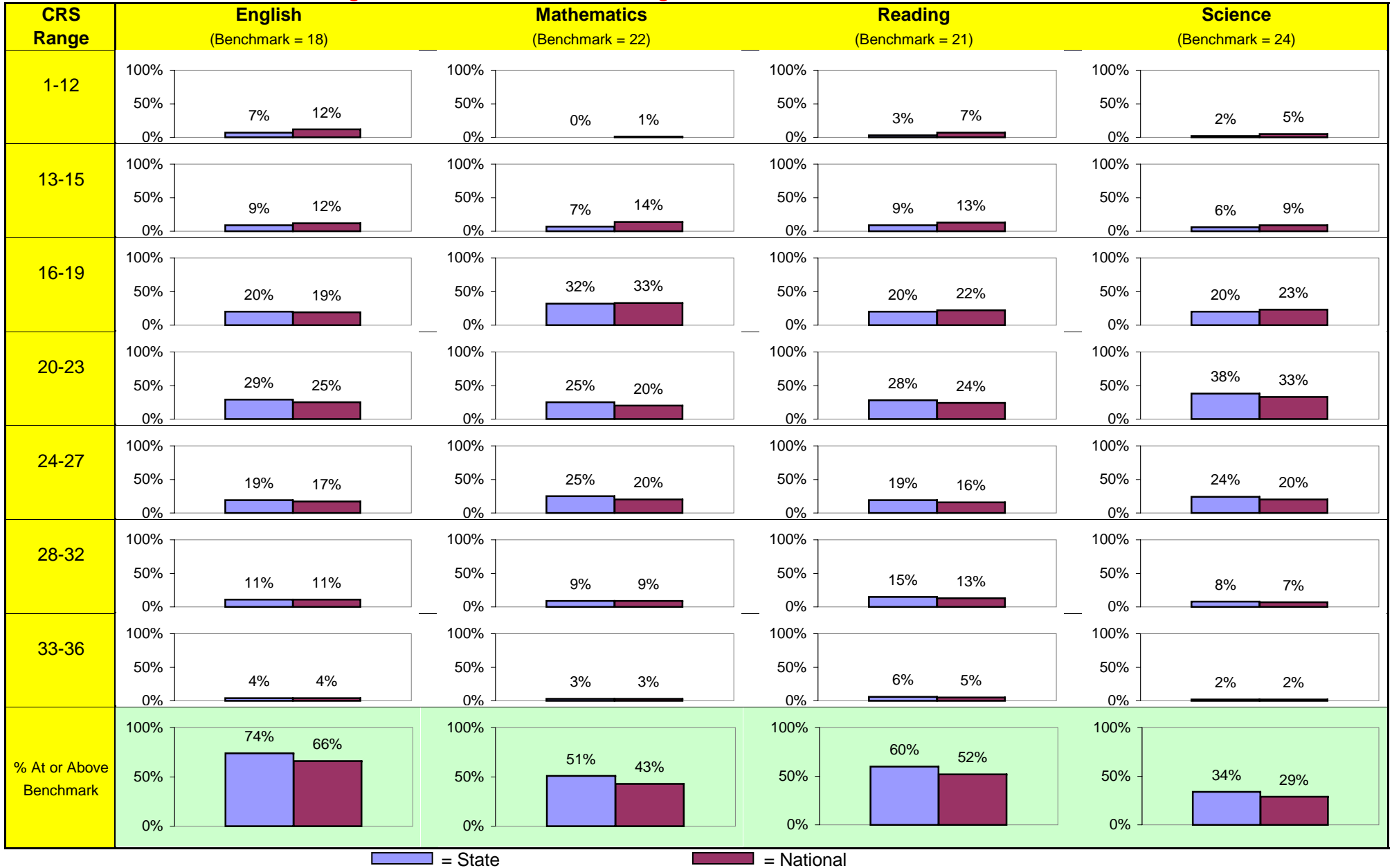
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	23,056	100	21.8	23,196	100	21.9	23,687	100	22.0	23,147	100	21.9	23,342	100	22.0
African American/Black	1,055	5	17.4	1,122	5	17.7	1,124	5	17.9	1,272	5	17.8	1,280	5	17.7
American Indian/Alaska Native	231	1	20.3	244	1	20.4	258	1	20.2	296	1	20.0	263	1	20.3
Caucasian American/White	18,149	79	22.2	17,403	75	22.3	18,590	78	22.5	18,085	78	22.5	18,299	78	22.6
Hispanic	979	4	19.3	1,108	5	19.3	1,258	5	19.4	1,406	6	19.4	1,527	7	19.2
Asian American/Pacific Islander	608	3	22.0	531	2	22.2	576	2	22.6	601	3	22.3	628	3	22.6
Other/No Response	2,034	9	21.6	2,788	12	22.0	1,881	8	22.3	1,487	6	21.5	1,345	6	21.1

Total Students in Report: 23,342

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



Section II

Academic Achievement

Total Students in Report: 23,342

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	75	100	42	100	183	100	84	100	17	100	36
35	273	100	160	100	196	99	119	100	54	100	35
34	331	99	168	99	463	98	97	99	113	100	34
33	361	97	237	98	488	96	182	99	242	99	33
32	330	96	277	97	461	94	86	98	318	98	32
31	405	94	286	96	553	92	314	98	372	97	31
30	547	92	434	95	787	90	370	96	534	95	30
29	535	90	467	93	793	87	485	95	637	93	29
28	770	88	747	91	830	83	635	93	822	90	28
27	739	84	1,040	88	922	80	896	90	1,030	87	27
26	1,161	81	1,253	83	990	76	1,093	86	1,125	82	26
25	1,161	76	1,540	78	1,239	71	1,810	81	1,424	77	25
24	1,450	71	1,888	72	1,284	66	1,799	74	1,660	71	24
23	1,328	65	1,756	63	1,428	61	2,259	66	1,782	64	23
22	1,560	59	1,548	56	1,834	55	1,969	56	1,932	57	22
21	2,049	53	1,117	49	1,473	47	2,283	48	2,075	48	21
20	1,724	44	1,404	44	1,742	40	2,299	38	1,718	39	20
19	1,408	37	1,401	38	1,346	33	1,553	28	1,692	32	19
18	1,088	31	1,644	32	1,052	27	1,485	21	1,561	25	18
17	980	26	2,177	25	1,374	23	943	15	1,276	18	17
16	1,177	22	2,133	16	1,013	17	690	11	991	13	16
15	1,034	17	1,045	7	769	12	617	8	781	8	15
14	752	12	418	2	905	9	411	5	582	5	14
13	430	9	118	1	463	5	378	4	346	3	13
12	444	7	24	1	370	3	203	2	188	1	12
11	465	5	11	1	225	2	149	1	52	1	11
10	325	3	5	1	104	1	76	1	13	1	10
9	222	2	0	1	30	1	32	1	3	1	9
8	137	1	2	1	15	1	15	1	1	1	8
7	53	1	0	1	5	1	2	1	0	1	7
6	20	1	0	1	2	1	6	1	1	1	6
5	6	1	0	1	1	1	2	1	0	1	5
4	2	1	0	1	2	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.4 (5.9)		21.7 (4.9)		22.3 (5.8)		21.9 (4.6)		22.0 (4.8)		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: 23,342

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	964	100	306	100	645	100	801	100	960	100	208	100	172	100	18
17	786	96	184	99	1,043	97	1,755	97	1,209	96	260	99	153	99	17
16	1,060	93	1,395	98	1,597	93	1,379	89	1,310	91	727	98	660	99	16
15	1,404	88	1,833	92	1,619	86	1,907	83	1,692	85	748	95	1,286	96	15
14	1,298	82	1,643	84	1,664	79	1,408	75	1,806	78	2,318	92	1,959	90	14
13	1,626	76	2,222	77	1,729	72	2,149	69	1,886	70	2,662	82	2,599	82	13
12	1,758	69	2,992	68	2,654	64	2,099	60	2,440	62	2,736	70	2,631	71	12
11	2,204	62	3,126	55	2,399	53	2,665	51	2,571	52	3,731	59	2,942	59	11
10	3,154	52	2,452	41	2,534	43	2,113	39	2,299	41	3,122	43	3,667	47	10
9	2,376	39	2,550	31	2,750	32	1,586	30	2,039	31	3,335	29	2,549	31	9
8	1,765	29	1,709	20	1,829	20	1,670	23	2,337	22	1,698	15	2,178	20	8
7	1,707	21	1,225	13	1,599	12	1,258	16	1,821	12	951	8	1,030	11	7
6	1,356	14	553	7	662	5	1,196	11	676	4	273	4	738	6	6
5	843	8	542	5	349	3	868	6	189	1	319	2	328	3	5
4	598	4	397	3	146	1	321	2	79	1	90	1	179	2	4
3	331	2	188	1	80	1	113	1	19	1	127	1	149	1	3
2	104	1	21	1	38	1	54	1	8	1	2	1	97	1	2
1	8	1	4	1	5	1	0	1	1	1	35	1	25	1	1
Avg (SD)	10.6 (3.7)		11.1 (3.1)		11.4 (3.3)		11.5 (3.7)		11.6 (3.3)		11.0 (2.7)		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	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	19

Total Students in Report: 23,342

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	23,342	80	22.6	19.3
	African American/Black	1,280	72	18.4	16.0
	American Indian/Alaska Native	263	71	21.4	17.6
	Caucasian American/White	18,299	81	23.2	20.0
	Hispanic	1,527	72	19.9	17.5
	Asian American/Pacific Islander	628	86	23.0	20.1
	Other/No Response	1,345	77	21.8	18.8
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	21.4	21.7	22.3	21.9	22.0
	African American/Black	16.5	17.9	17.8	18.1	17.7
	American Indian/Alaska Native	19.2	20.2	20.6	20.4	20.3
	Caucasian American/White	22.1	22.2	23.0	22.4	22.6
	Hispanic	17.9	19.4	19.3	19.6	19.2
	Asian American/Pacific Islander	21.7	23.5	22.2	22.5	22.6
	Other/No Response	20.5	20.9	21.6	20.9	21.1
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: 23,342

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	1,040	4	607	3	1,330	6	482	2
	28 to 32	2,587	11	2,211	9	3,424	15	1,890	8
	24 to 27	4,511	19	5,721	25	4,435	19	5,598	24
	20 to 23	6,661	29	5,825	25	6,477	28	8,810	38
	16 to 19	4,653	20	7,355	32	4,785	20	4,671	20
	13 to 15	2,216	9	1,581	7	2,137	9	1,406	6
	01 to 12	1,674	7	42	0	754	3	485	2
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	10,915	47	21.0	22.4	22.2	22.5	22.2
	Females	12,417	53	21.7	21.2	22.4	21.3	21.8
	Missing	10	0	19.5	20.3	23.5	21.1	21.2
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	72	56	59	40	32
	Females	76	46	61	29	24
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 23,342

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	18,587	79	22.2	57	22.4	64	23.0	39	22.5	32	22.6
	Less than Core	4,477	54	18.4	26	19.1	41	19.8	17	19.6	12	19.3
	Missing ³	278	45	17.2	27	18.7	35	19.1	17	19.1	12	18.6
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	22,472	75	21.5	21,767	54	22.1	21,911	61	22.4	20,407	37	22.3
	Less than Core	664	56	18.4	1,322	8	16.9	1,206	46	20.6	2,706	13	19.0
	Missing ³	206	47	17.6	253	26	18.6	225	36	19.4	229	17	19.3
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.

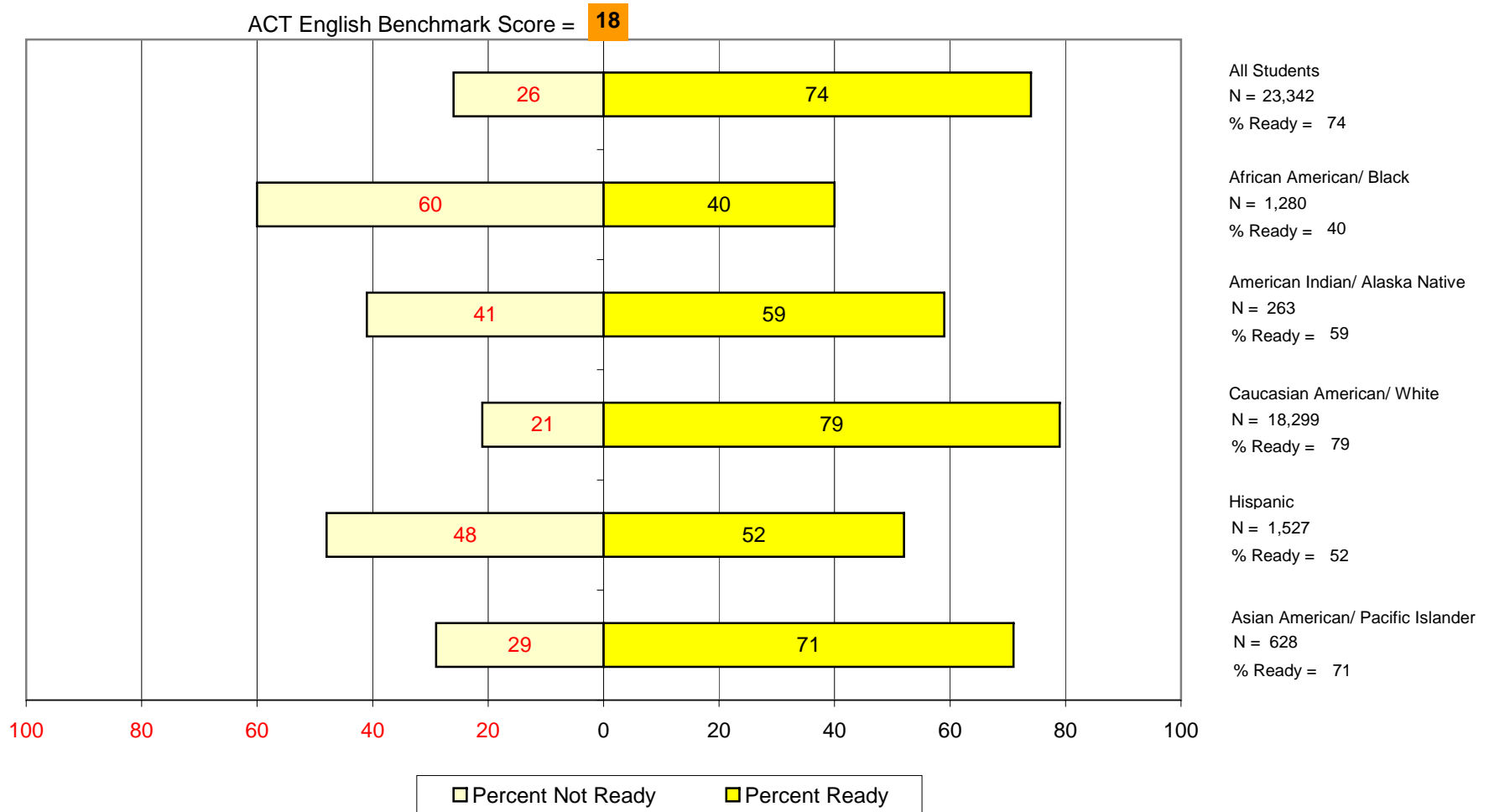
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

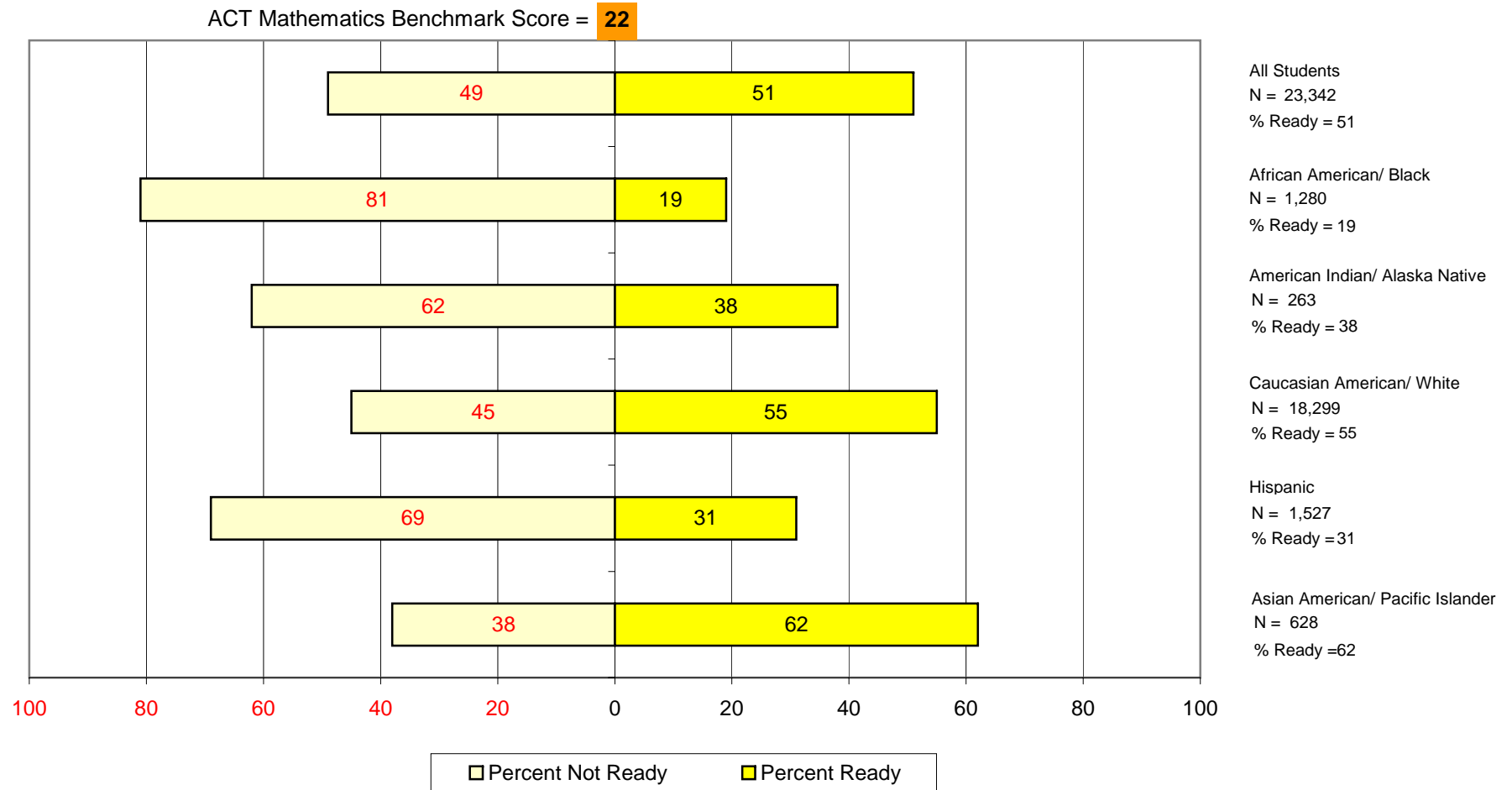
Total Students in Report: 23,342

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



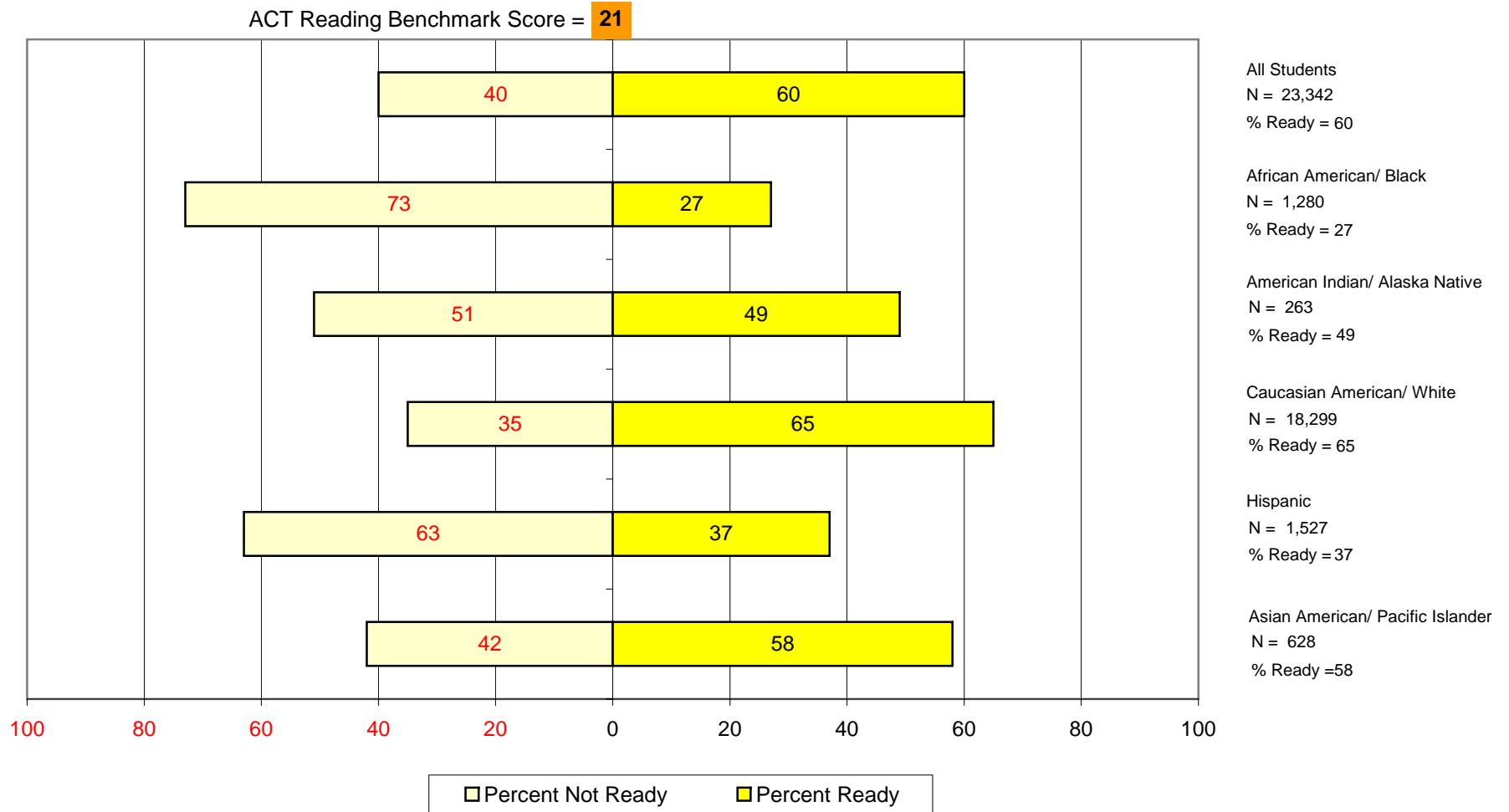
Total Students in Report: 23,342

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



Total Students in Report: 23,342

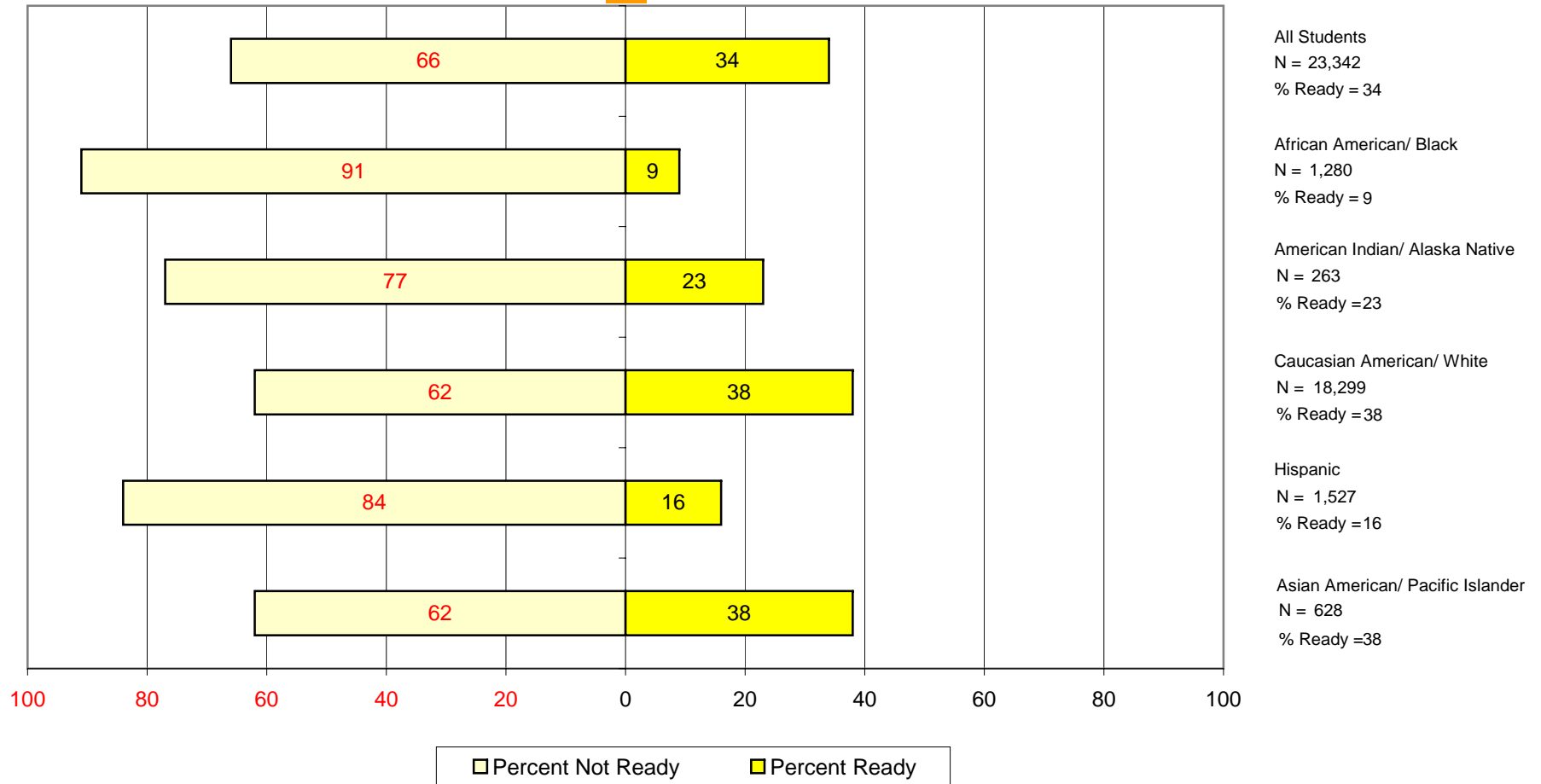
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 23,342

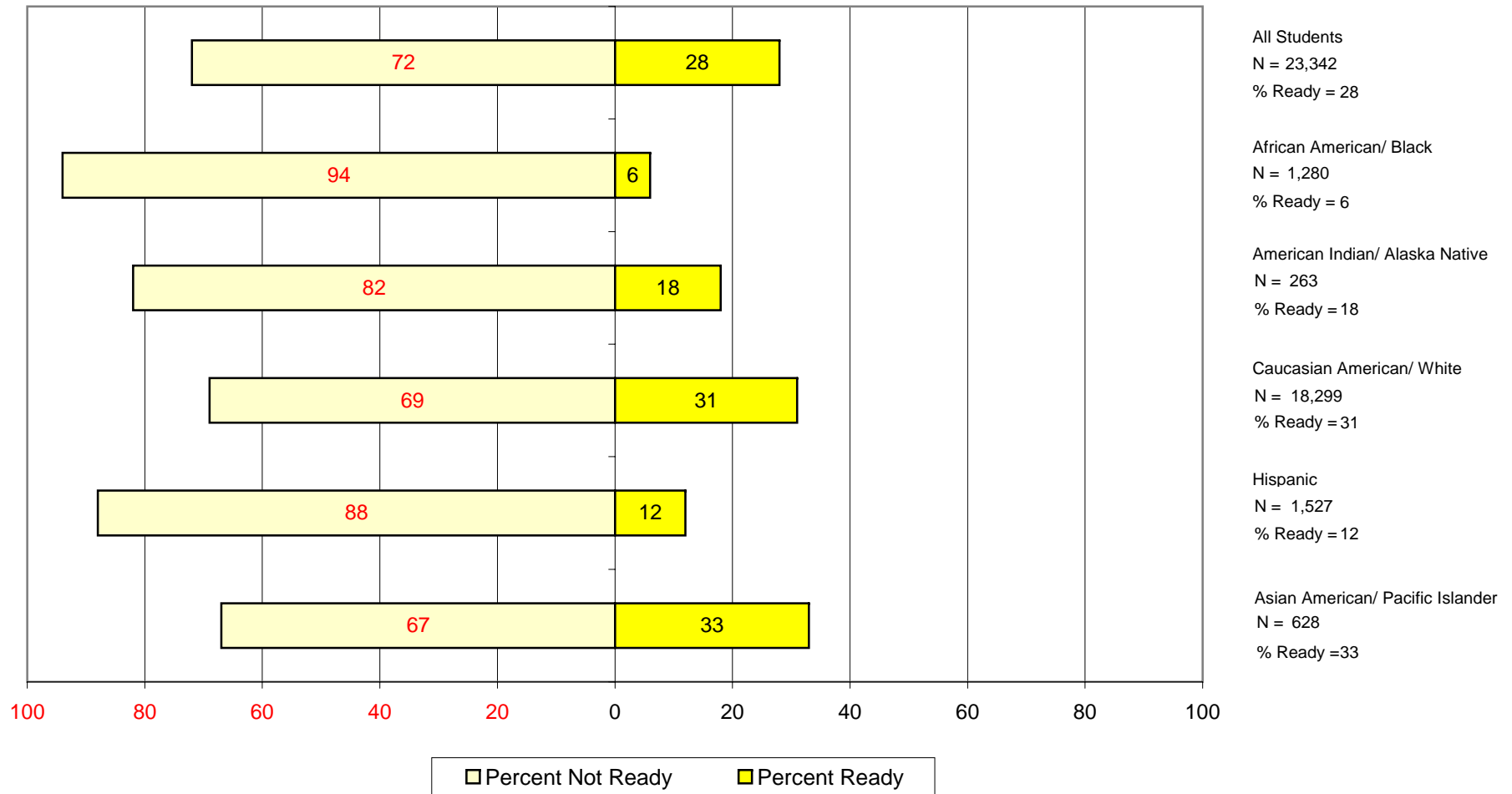
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 23,342

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



Total Students in Report: 23,342

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	6,385	27	22.2	3.8	2,860	26	21.8	3.8	3,525	28	22.6	3.9
Eng 9, Eng 10, Eng 11, Eng 12	16,087	69	21.2	2.8	7,638	70	20.9	2.9	8,440	68	21.5	2.8
Less than 4 years of English	664	3	18.4	-	312	3	18.0	-	352	3	18.7	-
Zero years / no English courses reported	206	1	17.6	-	105	1	17.5	-	100	1	17.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,328	6	25.0	8.1	659	6	25.8	8.5	669	5	24.2	7.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,299	10	22.7	5.8	884	8	23.2	5.9	1,413	11	22.4	5.9
Alg 1, Alg 2, Geom, & Trig	1,291	6	20.9	4.0	577	5	21.6	4.3	712	6	20.4	3.9
Alg 1, Alg 2, Geom, & Other Adv Math	3,696	16	20.7	3.8	1,433	13	21.3	4.0	2,262	18	20.4	3.9
Other comb of 4 or more years of Math	8,225	35	24.3	7.4	4,230	39	24.8	7.5	3,994	32	23.7	7.2
Alg 1, Alg 2, & Geom	3,874	17	18.2	1.3	1,783	16	18.7	1.4	2,089	17	17.7	1.2
Other comb of 3 or 3.5 years of Math	1,054	5	19.9	3.0	566	5	20.3	3.0	487	4	19.4	2.9
Less than 3 years of Math	1,322	6	16.9	-	654	6	17.3	-	668	5	16.5	-
Zero years / no Math courses reported	253	1	18.6	-	129	1	19.3	-	123	1	17.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,151	5	23.0	2.4	602	6	22.6	2.1	549	4	23.3	2.6
Other comb of 4 or more years Social Science	10,461	45	22.7	2.1	4,829	44	22.7	2.2	5,627	45	22.7	2.0
US Hist, World Hist, & Am Gov	3,222	14	21.3	0.7	1,580	14	21.1	0.6	1,641	13	21.4	0.7
Other comb of 3 or 3.5 years of Social Science	7,077	30	22.5	1.9	3,189	29	22.4	1.9	3,886	31	22.7	2.0
Less than 3 years of Social Science	1,206	5	20.6	-	601	6	20.5	-	604	5	20.7	-
Zero years / no Social Science courses reported	225	1	19.4	-	114	1	19.3	-	110	1	19.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,239	44	23.1	4.1	5,093	47	23.8	4.5	5,144	41	22.4	3.6
Bio, Chem, Phys	2,076	9	24.6	5.6	979	9	25.2	5.9	1,096	9	24.1	5.3
Gen Sci ² , Bio, Chem	7,461	32	20.6	1.6	3,101	28	21.0	1.7	4,356	35	20.3	1.5
Other comb of 3 years of Natural Science	631	3	20.9	1.9	354	3	21.5	2.2	277	2	20.2	1.4
Less than 3 years of Natural Science	2,706	12	19.0	-	1,271	12	19.3	-	1,433	12	18.8	-
Zero years / no Natural Science courses reported	229	1	19.3	-	117	1	19.6	-	111	1	19.0	-

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: 23,342

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	6,385	27	22.2	79	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	16,087	69	21.2	73	1,096,437	70	20.5	66
Less than 4 years of English	664	3	18.4	56	74,180	5	16.4	39
Zero years / no English courses reported	206	1	17.6	47	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,328	6	25.0	79	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,299	10	22.7	64	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,291	6	20.9	46	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,696	16	20.7	44	239,289	15	20.0	36
Other comb of 4 or more years of Math	8,225	35	24.3	72	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	3,874	17	18.2	16	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	1,054	5	19.9	33	74,720	5	19.9	35
Less than 3 years of Math	1,322	6	16.9	8	97,949	6	16.4	7
Zero years / no Math courses reported	253	1	18.6	26	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,151	5	23.0	62	47,523	3	22.6	60
Other comb of 4 or more years Social Science	10,461	45	22.7	63	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	3,222	14	21.3	52	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	7,077	30	22.5	61	439,520	28	21.2	51
Less than 3 years of Social Science	1,206	5	20.6	46	156,679	10	19.5	39
Zero years / no Social Science courses reported	225	1	19.4	36	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,239	44	23.1	45	620,765	40	22.2	40
Bio, Chem, Phys	2,076	9	24.6	58	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	7,461	32	20.6	22	474,375	30	20.1	21
Other comb of 3 years of Natural Science	631	3	20.9	25	43,231	3	19.7	21
Less than 3 years of Natural Science	2,706	12	19.0	13	231,566	15	18.3	12
Zero years / no Natural Science courses reported	229	1	19.3	17	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 23,342

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	534	2	20.4	78	6	17.8	432	2	20.8
Architecture & Environmental Design	543	2	22.2	20	2	16.9	494	2	22.4
Business & Management	1,933	8	21.4	77	6	17.3	1,774	9	21.6
Business & Office	200	1	19.9	18	1	17.7	169	1	20.2
Marketing & Distribution	135	1	21.2	3	0	20.7	123	1	21.1
Communications & Comm. Technologies	557	2	22.4	21	2	18.5	511	2	22.6
Community & Personal Services	523	2	19.5	88	7	18.1	414	2	19.8
Computer & Information Sciences	486	2	22.3	43	3	18.7	418	2	22.7
Cross-Disciplinary Studies	28	0	23.9	1	0	15.0	25	0	24.7
Education	1,180	5	21.6	31	2	17.2	1,103	5	21.8
Teacher Education	818	4	21.1	21	2	17.1	770	4	21.3
Engineering	1,068	5	24.5	42	3	17.7	992	5	24.8
Engineering-Related Technologies	678	3	23.2	46	3	17.6	603	3	23.7
Foreign Languages	131	1	24.3	3	0	17.7	124	1	24.6
Health Sciences & Allied Health Fields	4,678	20	21.6	247	19	18.1	4,247	21	21.9
Human, Family & Consumer Science	269	1	20.1	28	2	17.2	224	1	20.6
Letters	114	0	25.2	1	0	25.0	110	1	25.2
Mathematics	162	1	24.9	2	0	13.5	154	1	25.0
Philosophy, Religion & Theology	165	1	23.0	4	0	20.0	153	1	23.1
Sciences (Biological & Physical)	1,211	5	24.1	17	1	18.8	1,153	6	24.2
Social Sciences	1,288	6	22.8	16	1	18.4	1,225	6	22.8
Trade & Industrial	370	2	18.9	166	13	18.0	194	1	19.8
Visual & Performing Arts	1,567	7	22.2	95	7	18.3	1,381	7	22.6
Undecided	4,225	18	22.0	236	18	17.4	3,666	18	22.4
No Response	479	2	18.5	16	1	13.7	75	0	18.5

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: 23,342

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	320	17.9	16	15.6	4	17.8	256	18.4	25	15.2	1	17.0	18	16.0
2-yr College Degree	1,000	17.8	67	14.6	7	17.0	746	18.3	110	16.4	14	15.9	56	17.1
Bachelors Degree	11,234	21.2	510	17.3	118	19.6	9,187	21.7	672	18.6	201	20.2	546	20.0
Graduate Study	3,775	23.9	168	19.0	44	21.0	3,068	24.5	191	20.8	85	23.7	219	22.8
Prof. Level Degree	5,525	23.6	411	18.7	72	21.9	3,978	24.4	414	20.7	269	24.9	381	22.7
Other	512	19.3	36	15.7	6	17.3	350	19.8	49	18.0	26	20.2	45	19.0
No Response	976	21.1	72	17.0	12	17.9	714	21.9	66	18.0	32	20.8	80	21.2

Total Students in Report: 23,342

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	
UNIVERSITY OF KANSAS	Kansas	6,810	2,700	4,110	0	4	18	32	29	15	2	
KANSAS STATE UNIVERSITY	Kansas	6,641	2,681	3,960	1	4	19	33	28	14	2	
WICHITA STATE UNIVERSITY	Kansas	3,698	1,178	2,520	1	6	24	34	23	11	1	
EMPORIA STATE UNIVERSITY	Kansas	2,169	520	1,649	1	6	27	35	24	7	0	
PITTSBURG STATE UNIVERSITY	Kansas	1,953	622	1,331	0	6	27	36	22	8	1	
FORT HAYS STATE UNIVERSITY	Kansas	1,770	583	1,187	1	6	27	36	22	8	0	
WASHBURN UNIVERSITY	Kansas	1,715	516	1,199	1	6	24	38	22	8	1	
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,590	560	1,030	1	7	29	38	19	6	0	
BUTLER COMMUNITY COLLEGE	Kansas	1,516	541	975	2	13	32	34	15	3	0	
HUTCHINSON COMMUNITY COLLEGE	Kansas	945	329	616	1	12	35	32	16	4	0	
BAKER UNIVERSITY	Kansas	650	140	510	1	6	21	37	24	10	0	
FRIENDS UNIVERSITY	Kansas	645	115	530	2	10	22	33	23	9	1	
UNIV OF MISSOURI-KANSAS CITY	Missouri	601	140	461	1	8	21	29	28	12	1	
NCAA ELIGIBILITY CENTER	Indiana	561	256	305	1	6	21	36	27	9	1	
COWLEY COUNTY COMMUNITY COLL	Kansas	524	143	381	1	14	36	34	13	3	0	
NEWMAN UNIVERSITY	Kansas	521	84	437	2	7	21	33	24	12	0	
OKLAHOMA STATE UNIVERSITY	Oklahoma	465	90	375	0	3	15	30	32	17	3	
UNIV OF MISSOURI-COLUMBIA	Missouri	411	93	318	0	2	12	29	36	18	1	
KANSAS CITY KANSAS COMM COLL	Kansas	390	130	260	4	19	36	26	13	2	0	
UNIVERSITY OF OKLAHOMA	Oklahoma	368	74	294	1	4	17	29	29	18	4	
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	354	112	242	1	12	37	35	12	3	0	
BARTON COUNTY COMMUNITY COLLEGE	Kansas	350	120	230	2	9	36	33	15	5	0	
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	334	114	220	1	11	35	35	14	3	0	
HIGHLAND COMMUNITY COLLEGE	Kansas	332	99	233	2	11	33	35	16	4	0	
BENEDICTINE COLLEGE	Kansas	303	80	223	0	3	15	33	31	16	2	
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	278	51	227	0	2	13	28	33	20	5	
GARDEN CITY COMMUNITY COLLEGE	Kansas	272	88	184	3	16	38	31	10	3	0	
COLBY COMMUNITY COLLEGE	Kansas	260	111	149	1	13	31	40	12	2	1	
SOUTHWESTERN COLLEGE	Kansas	259	63	196	1	7	29	33	19	11	0	
FORT SCOTT COMMUNITY COLLEGE	Kansas	251	72	179	1	18	35	33	12	2	0	
All Other Institutions		16,431	4,083	12,348	1	7	19	27	24	18	4	
Total		53,367	16,488	36,879	1	7	22	32	24	13	2	

Section V Optional Writing Test Results

Total Students in Report: 23,342

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	3,860	869,014	24.7	21.4	7.4	7.1	23.3	20.8
African American/Black	208	107,638	18.5	16.4	6.6	6.4	18.0	16.4
American Indian/Alaska Native	32	6,232	22.7	18.9	7.3	6.6	21.9	18.4
Caucasian American/White	2,949	518,004	25.3	23.0	7.4	7.3	23.8	22.1
Hispanic	224	101,126	21.5	18.1	7.1	6.9	20.8	18.1
Asian American/Pacific Islander	170	49,922	27.1	23.6	8.0	7.7	25.7	22.9
Other/No Response	277	86,092	24.1	21.0	7.3	7.1	22.9	20.4
Males	1,710	384,152	24.6	21.1	7.2	6.9	23.1	20.3
Females	2,147	484,023	24.7	21.7	7.5	7.3	23.5	21.2
Missing	3	839	23.3	16.8	6.0	6.3	21.0	16.6

