

ACT Profile Report - State

Graduating Class 2009
Kansas



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This report provides information about the performance of your 2009 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 2009 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.

Further, 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.

Total Students in Report: 23,147

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.

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

26% 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: 23,147 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 7% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 16% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 59% of the students who advanced beyond minimum math core 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, 36% 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.

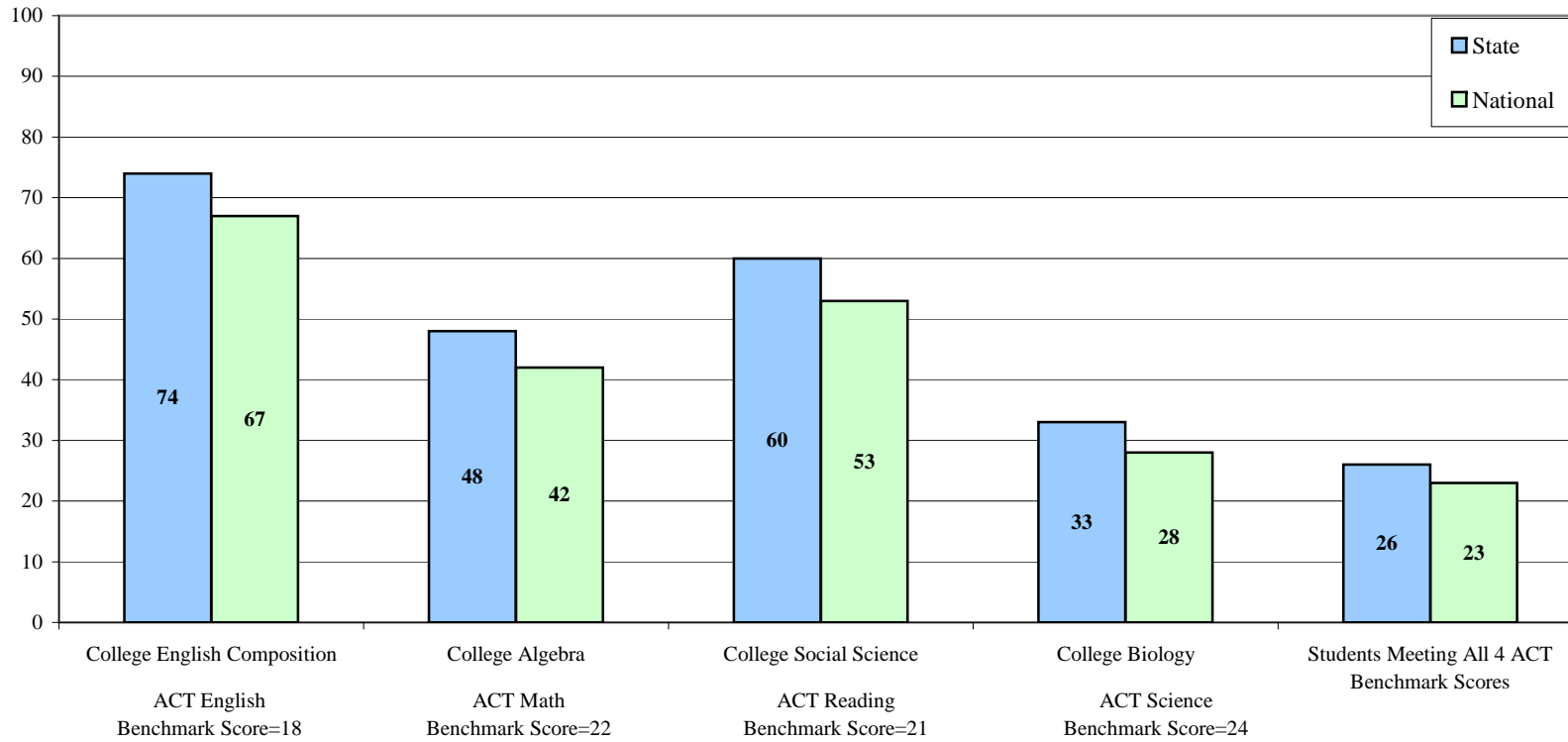
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 23,147

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: 23,147

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
2005	23,106	1,186,251	74	68	46	41	58	51	31	26	25	21
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

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
2005	23,106	1,186,251	21.2	20.4	21.4	20.7	22.1	21.3	21.6	20.9	21.7	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
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

Total Students in Report: 23,147

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
2005	15,220	6,476	66	28	22.2	19.0	22.4	19.4	22.9	20.2	22.4	20.0	22.6	19.8
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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,106	100	21.7	23,056	100	21.8	23,196	100	21.9	23,687	100	22.0	23,147	100	21.9
African American/Black	1,053	5	17.4	1,055	5	17.4	1,122	5	17.7	1,124	5	17.9	1,272	5	17.8
American Indian/Alaska Native	233	1	20.2	231	1	20.3	244	1	20.4	258	1	20.2	296	1	20.0
Caucasian American/White	18,736	81	22.1	18,149	79	22.2	17,403	75	22.3	18,590	78	22.5	18,085	78	22.5
Hispanic	957	4	19.1	979	4	19.3	1,108	5	19.3	1,258	5	19.4	1,406	6	19.4
Asian American/Pacific Islander	515	2	21.6	608	3	22.0	531	2	22.2	576	2	22.6	601	3	22.3
Other/No Response	1,612	7	21.6	2,034	9	21.6	2,788	12	22.0	1,881	8	22.3	1,487	6	21.5

Section II

Academic Achievement

Total Students in Report: 23,147

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	91	100	53	100	206	100	48	100	11	100	36
35	239	100	95	100	98	99	70	100	46	100	35
34	323	99	182	99	413	99	149	99	104	100	34
33	290	97	298	99	559	97	178	99	192	99	33
32	325	96	247	97	413	94	126	98	318	98	32
31	364	95	292	96	691	93	343	98	374	97	31
30	601	93	271	95	949	90	361	96	519	95	30
29	519	90	609	94	789	86	495	94	591	93	29
28	766	88	797	91	887	82	523	92	814	91	28
27	705	85	986	88	949	78	670	90	1,047	87	27
26	1,090	82	1,392	83	946	74	1,261	87	1,253	83	26
25	1,286	77	1,493	77	983	70	1,925	82	1,338	77	25
24	1,272	71	1,711	71	1,331	66	1,461	73	1,540	71	24
23	1,425	66	1,538	64	1,521	60	2,060	67	1,826	65	23
22	1,709	60	1,244	57	1,415	54	1,959	58	1,920	57	22
21	1,841	52	1,478	52	1,833	48	2,122	50	1,973	49	21
20	1,739	45	1,334	45	1,530	40	2,555	41	1,761	40	20
19	1,409	37	1,501	39	1,460	33	1,900	30	1,750	32	19
18	1,079	31	1,713	33	969	27	1,482	21	1,577	25	18
17	1,114	26	2,067	26	1,256	22	799	15	1,293	18	17
16	1,165	21	2,140	17	1,151	17	799	11	1,025	13	16
15	1,117	16	1,126	7	847	12	543	8	816	8	15
14	668	12	418	3	782	8	420	6	531	5	14
13	548	9	111	1	570	5	384	4	324	2	13
12	446	6	36	1	287	3	221	2	147	1	12
11	404	4	11	1	181	1	149	1	37	1	11
10	273	3	3	1	72	1	71	1	15	1	10
9	187	1	1	1	34	1	50	1	1	1	9
8	84	1	0	1	15	1	12	1	3	1	8
7	48	1	0	1	5	1	4	1	1	1	7
6	14	1	0	1	2	1	6	1	0	1	6
5	4	1	0	1	1	1	0	1	0	1	5
4	2	1	0	1	1	1	1	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.4 (5.8)		21.7 (4.9)		22.4 (5.8)		21.8 (4.6)		21.9 (4.7)		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: 23,147

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	832	100	324	100	710	100	1,120	100	785	100	187	100	192	100	18
17	779	96	207	99	972	97	860	95	1,369	97	176	99	101	99	17
16	1,047	93	1,337	98	1,291	93	2,018	91	1,192	91	658	98	771	99	16
15	1,256	89	1,699	92	1,931	87	2,056	83	1,525	86	797	96	1,133	95	15
14	1,172	83	1,797	85	1,558	79	2,131	74	1,850	79	2,421	92	1,922	91	14
13	1,741	78	2,092	77	2,067	72	1,315	65	1,939	71	1,931	82	2,918	82	13
12	1,962	71	3,130	68	2,501	63	2,009	59	2,681	63	3,118	73	2,074	70	12
11	2,194	62	2,618	54	2,042	52	2,469	50	2,238	51	2,807	60	3,175	61	11
10	2,998	53	2,964	43	2,622	44	2,017	40	2,439	41	4,558	48	3,365	47	10
9	2,517	40	2,473	30	2,561	32	1,570	31	1,815	31	2,808	28	2,646	32	9
8	1,758	29	1,793	19	2,021	21	1,969	24	2,484	23	1,801	16	2,213	21	8
7	1,747	21	1,191	12	1,602	12	1,350	16	1,933	12	862	8	874	11	7
6	1,362	14	576	7	697	5	1,038	10	646	4	344	4	785	8	6
5	851	8	505	4	320	2	783	5	149	1	410	3	473	4	5
4	601	4	279	2	103	1	267	2	70	1	125	1	216	2	4
3	245	1	136	1	103	1	122	1	26	1	94	1	193	1	3
2	78	1	25	1	35	1	52	1	6	1	29	1	66	1	2
1	7	1	1	1	11	1	1	1	0	1	21	1	30	1	1
Avg (SD)	10.6 (3.6)		11.1 (3.1)		11.4 (3.3)		11.5 (3.7)		11.5 (3.3)		10.9 (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	27	25	25
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	17	17	18	19	19

Total Students in Report: 23,147

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	23,147	78	22.6	19.5
	African American/Black	1,272	68	18.6	16.1
	American Indian/Alaska Native	296	68	21.1	17.8
	Caucasian American/White	18,085	80	23.1	20.1
	Hispanic	1,406	74	20.1	17.4
	Asian American/Pacific Islander	601	84	22.8	20.1
	Other/No Response	1,487	73	22.3	19.1
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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	22.4	21.8	21.9
	African American/Black	16.8	17.8	18.1	18.1	17.8
	American Indian/Alaska Native	19.3	19.5	20.7	20.3	20.0
	Caucasian American/White	22.0	22.1	23.0	22.2	22.5
	Hispanic	18.2	19.5	19.7	19.6	19.4
	Asian American/Pacific Islander	21.4	23.3	21.9	22.2	22.3
	Other/No Response	20.8	21.2	22.1	21.3	21.5
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 23,147

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	943	4	628	3	1,276	6	445	2
	28 to 32	2,575	11	2,216	10	3,729	16	1,848	8
	24 to 27	4,353	19	5,582	24	4,209	18	5,317	23
	20 to 23	6,714	29	5,594	24	6,299	27	8,696	38
	16 to 19	4,767	21	7,421	32	4,836	21	4,980	22
	13 to 15	2,333	10	1,655	7	2,199	10	1,347	6
	01 to 12	1,462	6	51	0	599	3	514	2
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	10,925	47	21.0	22.3	22.4	22.3	22.2
	Females	12,168	53	21.7	21.1	22.4	21.2	21.7
	Missing	54	0	22.4	22.8	23.8	22.7	23.1
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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	54	60	38	31
	Females	76	44	60	28	22
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 23,147

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 % ³	Avg
State	Core or More ²	18,139	79	22.2	54	22.4	65	23.1	37	22.3	30	22.6
	Less than Core	4,691	55	18.6	28	19.2	44	20.1	17	19.6	12	19.5
	Missing	317	48	17.8	24	18.8	41	19.7	17	19.5	10	19.1
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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.

³Composite 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	22,195	75	21.5	21,389	51	22.0	21,556	61	22.5	20,162	36	22.1
	Less than Core	714	56	18.7	1,468	9	16.9	1,338	48	20.7	2,727	13	19.1
	Missing	238	52	18.4	290	23	18.7	253	43	20.1	258	21	20.2
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

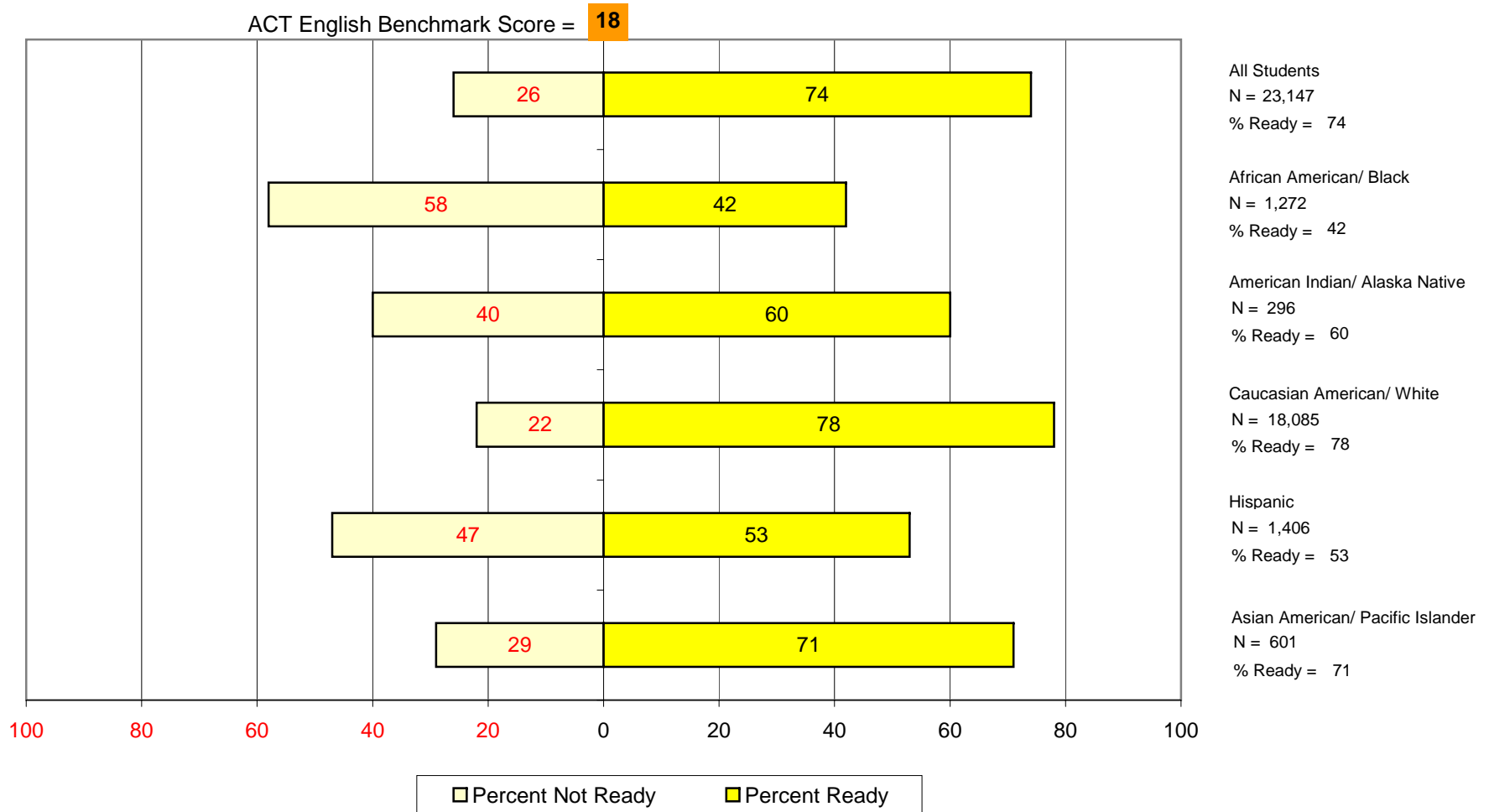
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

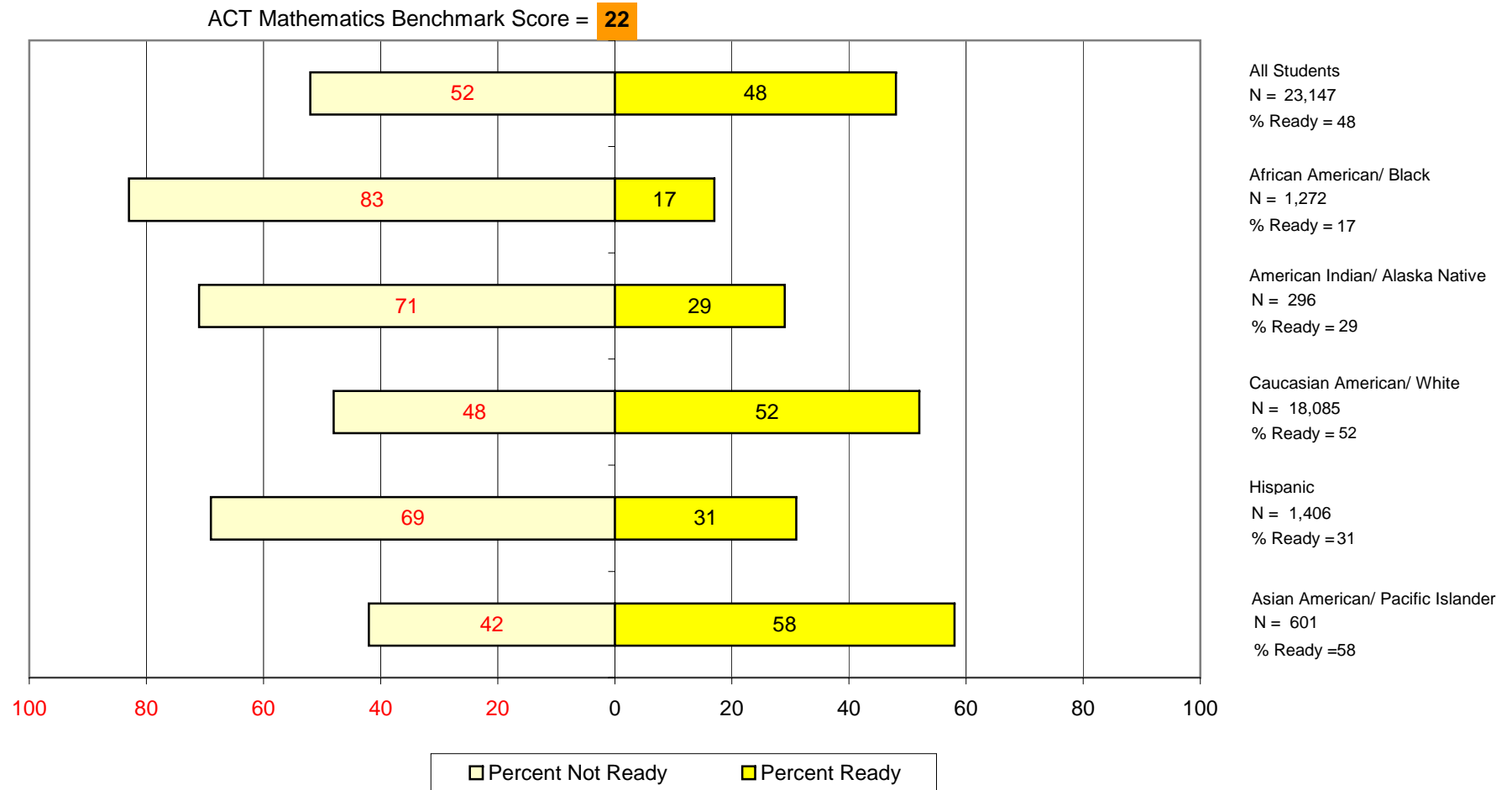
Total Students in Report: 23,147

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



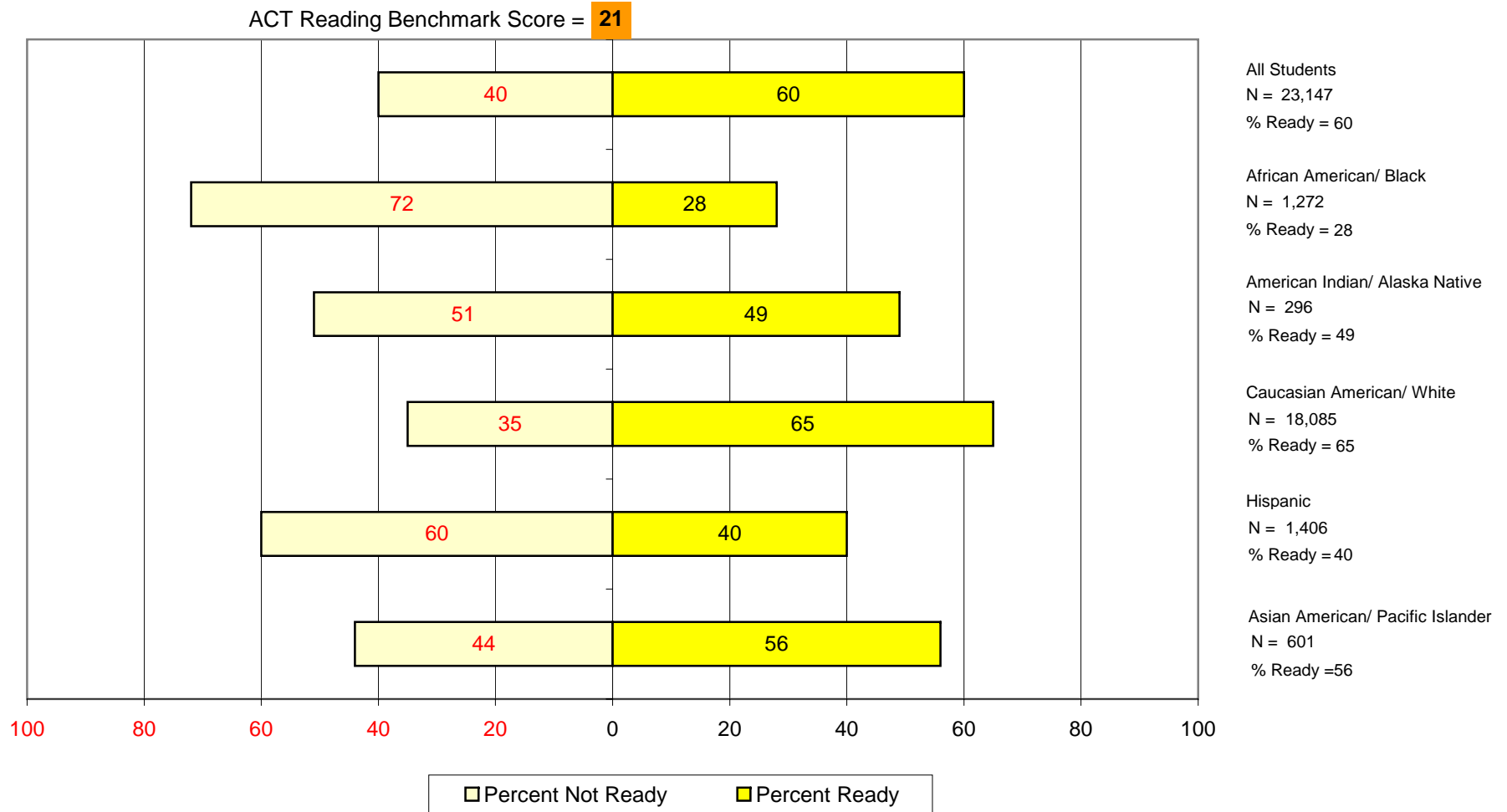
Total Students in Report: 23,147

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



Total Students in Report: 23,147

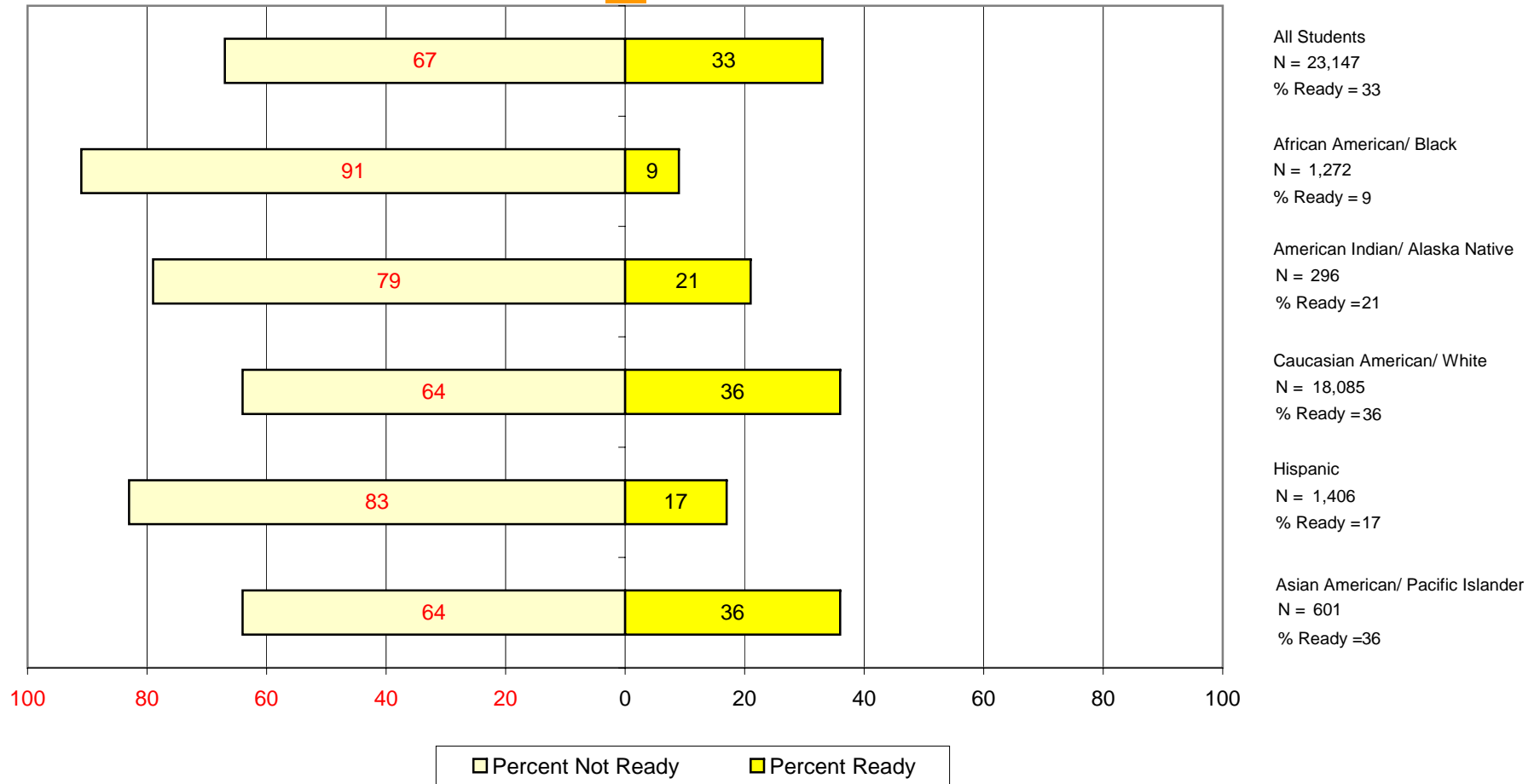
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 23,147

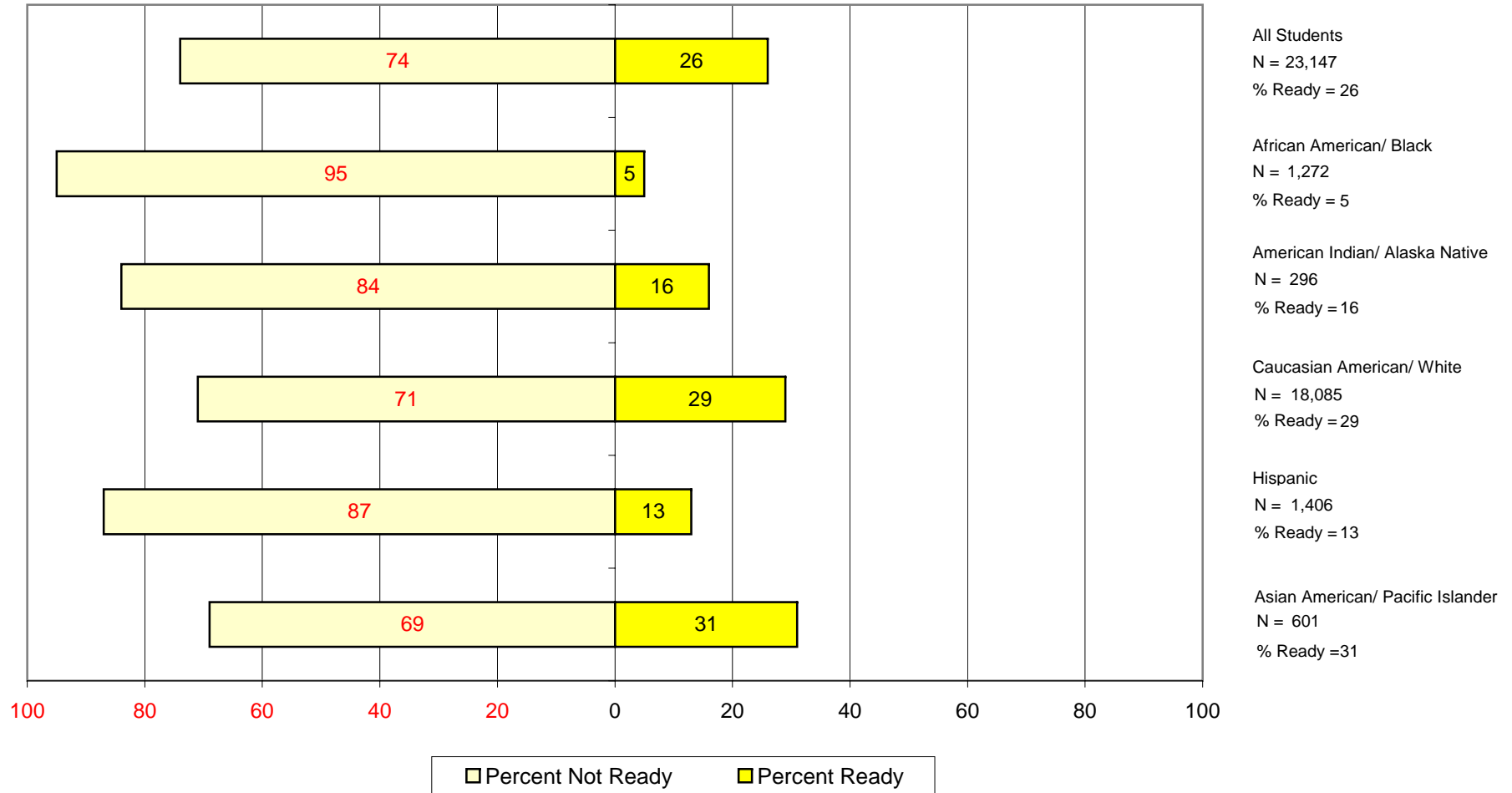
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 23,147

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



Total Students in Report: 23,147

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	6,246	27	22.2	3.5	2,789	26	21.8	3.8	3,449	28	22.5	3.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	15,949	69	21.2	2.5	7,668	70	20.9	2.9	8,243	68	21.5	2.2
Less than 4 years of English	716	3	18.7	-	333	3	18.0	-	379	3	19.3	-
No English course/grade information reported	236	1	18.5	-	135	1	17.9	-	97	1	19.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,285	6	25.1	8.3	635	6	25.8	8.8	646	5	24.3	7.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,263	10	22.6	5.8	896	8	23.4	6.4	1,365	11	22.1	5.4
Alg 1, Alg 2, Geom, & Trig	1,399	6	21.2	4.4	665	6	21.7	4.7	730	6	20.7	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	3,677	16	20.9	4.1	1,492	14	21.4	4.4	2,181	18	20.6	3.9
Other comb of 4 or more years of Math	7,986	35	24.1	7.3	4,137	38	24.8	7.8	3,832	31	23.4	6.7
Alg 1, Alg 2, & Geom (Min. Core)	3,753	16	18.2	1.4	1,703	16	18.6	1.6	2,039	17	17.8	1.1
Other comb of 3 or 3.5 years of Math	1,026	4	20.1	3.3	526	5	20.6	3.6	496	4	19.5	2.8
Less than 3 years of Math	1,511	7	16.8	-	730	7	17.0	-	777	6	16.7	-
No Math course/grade information reported	247	1	19.2	-	141	1	19.2	-	102	1	19.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,048	5	23.1	2.4	569	5	22.7	2.2	479	4	23.5	2.7
Other comb of 4 or more years Social Science	10,007	43	22.9	2.2	4,635	42	23.1	2.6	5,357	44	22.7	1.9
US Hist, World Hist, & Am Gov (Min. Core)	3,258	14	21.5	0.8	1,655	15	21.5	1.0	1,595	13	21.4	0.6
Other comb of 3 or 3.5 years of Social Science	7,243	31	22.5	1.8	3,260	30	22.5	2.0	3,966	33	22.6	1.8
Less than 3 years of Social Science	1,343	6	20.7	-	664	6	20.5	-	669	5	20.8	-
No Soc Sci course/grade information reported	248	1	20.1	-	142	1	19.7	-	102	1	20.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	9,853	43	23.0	3.9	4,885	45	23.7	4.2	4,946	41	22.3	3.5
Bio, Chem, Phys	2,174	9	24.4	5.3	1,027	9	25.1	5.6	1,141	9	23.7	4.9
Gen Sci ² , Bio, Chem (Min. Core)	7,503	32	20.4	1.3	3,202	29	20.7	1.2	4,290	35	20.2	1.4
Other comb of 3 years of Natural Science	632	3	21.0	1.9	381	3	21.4	1.9	247	2	20.3	1.5
Less than 3 years of Natural Science	2,742	12	19.1	-	1,291	12	19.5	-	1,444	12	18.8	-
No Nat Sci course/grade information reported	243	1	20.2	-	139	1	20.0	-	100	1	20.3	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 23,147

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	6,246	27	22.2	79	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	15,949	69	21.2	73	1,029,431	70	20.6	68
Less than 4 years of English	716	3	18.7	56	74,090	5	16.7	42
No English course/grade information reported	236	1	18.5	52	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,285	6	25.1	77	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,263	10	22.6	61	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	1,399	6	21.2	46	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,677	16	20.9	43	220,868	15	20.1	36
Other comb of 4 or more years of Math	7,986	35	24.1	69	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	3,753	16	18.2	15	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	1,026	4	20.1	34	70,732	5	20.1	35
Less than 3 years of Math	1,511	7	16.8	9	105,591	7	16.5	7
No Math course/grade information reported	247	1	19.2	27	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,048	5	23.1	64	46,754	3	22.8	61
Other comb of 4 or more years Social Science	10,007	43	22.9	64	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	3,258	14	21.5	53	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	7,243	31	22.5	61	420,236	28	21.3	52
Less than 3 years of Social Science	1,343	6	20.7	48	152,775	10	19.7	40
No Soc Sci course/grade information reported	248	1	20.1	43	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	9,853	43	23.0	44	563,824	38	22.2	39
Bio, Chem, Phys	2,174	9	24.4	57	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	7,503	32	20.4	20	459,833	31	20.1	21
Other comb of 3 years of Natural Science	632	3	21.0	26	41,353	3	19.8	21
Less than 3 years of Natural Science	2,742	12	19.1	13	233,215	16	18.4	11
No Nat Sci course/grade information reported	243	1	20.2	21	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 23,147

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	565	2	20.1	112	8	18.1	428	2	20.6
Architecture & Environmental Design	589	3	22.4	25	2	19.2	535	3	22.5
Business & Management	2,265	10	21.7	99	7	18.3	2,069	10	21.9
Business & Office	180	1	20.1	26	2	17.8	145	1	20.6
Marketing & Distribution	152	1	21.6	4	0	19.5	137	1	21.4
Communications & Comm. Technologies	605	3	22.5	24	2	18.0	557	3	22.6
Community & Personal Services	540	2	19.9	85	6	18.0	431	2	20.4
Computer & Information Sciences	520	2	22.7	34	2	19.6	454	2	22.9
Cross-Disciplinary Studies	26	0	24.5	0	0	.	25	0	24.6
Education	1,129	5	21.4	26	2	17.7	1,061	5	21.5
Teacher Education	809	3	20.9	21	1	18.3	757	4	21.1
Engineering	1,055	5	23.8	45	3	17.4	972	5	24.2
Engineering-Related Technologies	656	3	23.3	40	3	19.5	591	3	23.5
Foreign Languages	117	1	24.0	4	0	20.5	108	1	24.3
Health Sciences & Allied Health Fields	4,585	20	21.7	246	18	18.3	4,183	21	22.0
Human, Family & Consumer Science	280	1	20.4	35	2	17.5	222	1	21.0
Letters	137	1	25.4	4	0	26.5	127	1	25.3
Mathematics	146	1	25.0	4	0	16.3	134	1	25.3
Philosophy, Religion & Theology	165	1	23.0	3	0	21.0	153	1	23.0
Sciences (Biological & Physical)	1,130	5	24.2	15	1	17.9	1,073	5	24.3
Social Sciences	1,304	6	22.6	17	1	17.2	1,247	6	22.8
Trade & Industrial	392	2	19.0	190	14	18.1	182	1	19.9
Visual & Performing Arts	1,489	6	22.1	71	5	19.0	1,316	7	22.3
Undecided	3,785	16	21.8	240	17	17.9	3,214	16	22.2
No Response	526	2	19.1	32	2	15.5	113	1	19.4

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, 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: 23,147

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	321	18.5	8	15.6	6	19.8	268	18.7	19	17.9	4	16.3	16	17.4
2-yr College Degree	1,081	18.1	78	15.4	22	17.2	799	18.7	104	16.1	19	16.8	59	17.8
Bachelors Degree	10,661	21.1	484	17.0	135	19.7	8,725	21.6	571	18.6	181	20.3	565	20.4
Graduate Study	3,921	23.8	173	18.9	43	21.8	3,192	24.2	190	21.7	89	23.7	234	22.8
Prof. Level Degree	5,652	23.5	421	19.1	73	21.4	4,055	24.2	410	20.8	258	24.3	435	23.0
Other	505	19.5	38	15.9	3	18.7	351	20.2	40	17.5	22	18.5	51	19.5
No Response	1,006	21.1	70	16.6	14	16.0	695	21.9	72	17.8	28	20.6	127	21.6

Total Students in Report: 23,147

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	7,423	3,125	4,298	1	4	17	33	28	15	2
KANSAS STATE UNIVERSITY	Kansas	7,017	2,767	4,250	0	4	19	34	28	14	1
WICHITA STATE UNIVERSITY	Kansas	4,002	1,271	2,731	1	6	25	34	23	10	1
EMPORIA STATE UNIVERSITY	Kansas	2,329	577	1,752	1	6	24	35	25	8	0
PITTSBURG STATE UNIVERSITY	Kansas	2,111	607	1,504	1	7	27	36	22	7	0
FORT HAYS STATE UNIVERSITY	Kansas	1,710	581	1,129	0	6	29	36	20	7	0
WASHBURN UNIVERSITY	Kansas	1,666	478	1,188	0	6	25	34	26	8	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,549	555	994	1	10	28	35	20	6	0
BUTLER COMMUNITY COLLEGE	Kansas	1,538	541	997	1	12	35	34	14	3	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	882	322	560	1	9	36	34	16	4	0
FRIENDS UNIVERSITY	Kansas	712	136	576	1	10	29	32	21	7	1
BAKER UNIVERSITY	Kansas	678	161	517	0	5	26	33	27	8	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	605	130	475	1	9	21	29	24	15	2
NCAA ELIGIBILITY CENTER	Indiana	584	242	342	1	5	24	35	23	12	1
COWLEY COUNTY COMMUNITY COLL	Kansas	529	170	359	2	14	36	31	14	2	0
NEWMAN UNIVERSITY	Kansas	520	82	438	1	9	28	31	20	11	1
KANSAS CITY KANSAS COMM COLL	Kansas	445	151	294	6	21	35	26	9	3	0
UNIV OF MISSOURI-COLUMBIA	Missouri	441	90	351	0	5	14	34	29	17	2
OKLAHOMA STATE UNIVERSITY	Oklahoma	415	69	346	0	2	15	28	32	20	2
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	367	116	251	1	15	35	34	13	2	0
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	352	103	249	1	13	28	36	17	5	0
BARTON COUNTY COMMUNITY COLLEGE	Kansas	332	119	213	1	11	39	31	14	3	0
BENEDICTINE COLLEGE	Kansas	320	98	222	0	1	13	35	32	16	2
UNIVERSITY OF OKLAHOMA	Oklahoma	296	55	241	0	2	17	32	29	19	1
COLBY COMMUNITY COLLEGE	Kansas	282	92	190	0	13	35	35	14	2	0
FORT SCOTT COMMUNITY COLLEGE	Kansas	273	65	208	3	14	36	32	12	3	0
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	272	54	218	0	3	14	27	32	22	3
GARDEN CITY COMMUNITY COLLEGE	Kansas	271	95	176	0	18	38	29	13	2	0
HIGHLAND COMMUNITY COLLEGE	Kansas	271	96	175	1	10	38	33	15	3	0
COFFEYVILLE COMMUNITY COLLEGE	Kansas	267	89	178	3	18	37	25	12	3	0
All Other Institutions		16,959	4,043	12,916	1	7	20	28	24	17	3
Total		55,418	17,080	38,338	1	7	23	32	24	12	2

Section V

Optional Writing Test Results

Total Students in Report: 23,147

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	3,858	814,713	24.6	21.5	7.3	7.2	23.2	20.8
African American/Black	200	96,225	19.6	16.5	6.6	6.4	18.9	16.5
American Indian/Alaska Native	42	5,489	22.3	18.9	7.0	6.7	21.3	18.5
Caucasian American/White	2,920	497,164	25.1	22.8	7.4	7.3	23.7	21.9
Hispanic	203	85,681	22.0	18.4	7.0	7.0	21.1	18.4
Asian American/Pacific Islander	176	44,716	26.3	23.5	7.7	7.6	24.8	22.8
Other/No Response	317	85,438	24.1	21.4	7.3	7.2	22.9	20.8
Males	1,648	357,025	24.5	21.1	7.1	6.9	23.0	20.3
Females	2,198	455,190	24.6	21.7	7.5	7.4	23.4	21.2
Missing	12	2,498	26.3	22.1	7.0	7.2	24.3	21.3

