

ACT High School Profile Report

The Graduating Class of 2007
Kansas



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Kansas

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This report provides information about the performance of your 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

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, the graduating class data for a school, district, state, and the nation 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, state, or the nation.

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.

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 2007 graduates 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. 23,196 ACT-tested graduates 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. 58% 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 11% of the cohort took less than three years of math courses. Of these students, 20% were college ready. 16% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 18% of these students were college ready. In comparison, 61% of the students who advanced beyond minimum 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 17% of the cohort took less than three years of natural science courses. 18% 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.

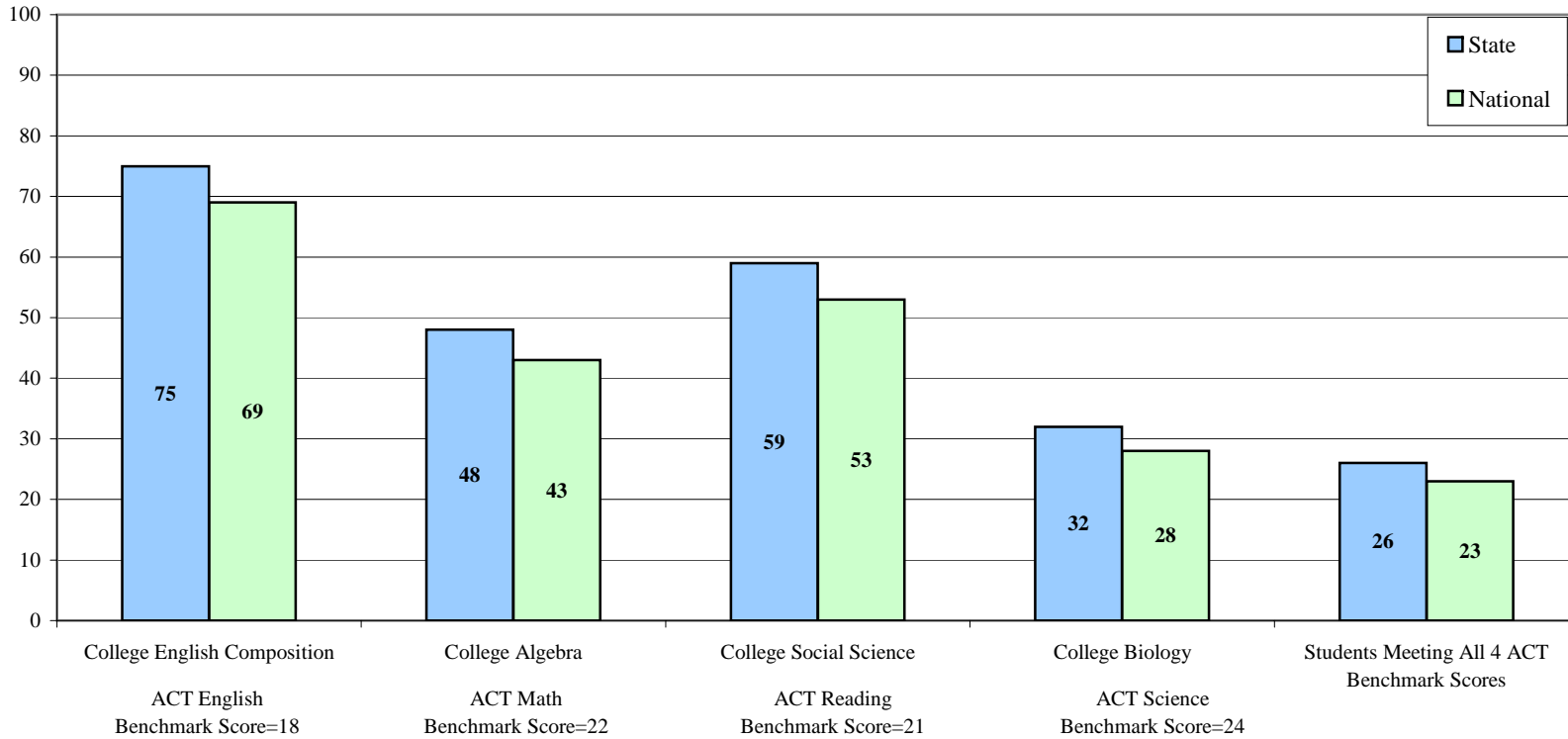
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

Figure 1.1. Percent of ACT-Tested 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.

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

Grad 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
2003	23,813	1,175,059	72	67	45	40	57	52	29	26	23	20
2004	23,472	1,171,460	73	68	46	40	57	52	30	26	24	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad 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
2003	23,813	1,175,059	21.0	20.3	21.2	20.6	22.0	21.2	21.5	20.8	21.5	20.8
2004	23,472	1,171,460	21.1	20.4	21.4	20.7	22.0	21.3	21.5	20.9	21.6	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
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

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	Core or More	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
2003	15,621	6,855	66	29	22.1	18.7	22.2	19.0	22.9	20.1	22.3	19.8	22.5	19.5
2004	15,518	6,576	66	28	22.1	18.9	22.4	19.2	22.9	20.2	22.3	19.8	22.5	19.6
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

¹Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,813	100	21.5	23,472	100	21.6	23,106	100	21.7	23,056	100	21.8	23,196	100	21.9
African American/Black	973	4	17.6	1,038	4	17.6	1,053	5	17.4	1,055	5	17.4	1,122	5	17.7
American Indian/Alaska Native	206	1	19.9	265	1	20.5	233	1	20.2	231	1	20.3	244	1	20.4
Caucasian American/White	19,565	82	21.9	19,035	81	22.0	18,736	81	22.1	18,149	79	22.2	17,403	75	22.3
Hispanic	914	4	19.3	905	4	19.4	957	4	19.1	979	4	19.3	1,108	5	19.3
Asian American/Pacific Islander	558	2	21.1	573	2	22.0	515	2	21.6	608	3	22.0	531	2	22.2
Other/No Response	1,597	7	21.1	1,656	7	21.1	1,612	7	21.6	2,034	9	21.6	2,788	12	22.0

Section II

Academic Achievement

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	35	100	41	100	102	100	65	100	6	100	36
35	249	100	116	100	257	100	162	100	47	100	35
34	375	99	170	99	389	98	58	99	107	100	34
33	305	97	155	99	474	97	219	99	185	99	33
32	303	96	272	98	564	95	164	98	297	99	32
31	441	95	346	97	659	92	209	97	375	97	31
30	437	93	344	95	672	89	371	96	525	96	30
29	520	91	691	94	711	87	336	95	585	93	29
28	826	89	674	91	1,034	83	509	93	759	91	28
27	713	85	1,005	88	1,081	79	772	91	977	88	27
26	984	82	1,331	84	1,003	74	1,262	88	1,245	83	26
25	1,485	78	1,514	78	1,017	70	1,540	82	1,418	78	25
24	1,274	71	1,669	71	1,368	66	1,863	76	1,657	72	24
23	1,339	66	1,364	64	1,866	60	1,783	68	1,796	65	23
22	1,722	60	1,445	58	1,207	52	2,574	60	1,922	57	22
21	1,821	53	1,497	52	1,273	47	2,195	49	2,087	49	21
20	1,900	45	1,460	46	1,887	41	2,340	39	1,811	40	20
19	1,619	37	1,714	39	1,294	33	1,673	29	1,687	32	19
18	1,093	30	1,619	32	1,000	27	1,625	22	1,557	25	18
17	983	25	1,785	25	1,223	23	985	15	1,232	18	17
16	1,211	21	2,087	17	1,165	18	642	11	1,027	13	16
15	956	15	1,140	8	816	13	515	8	760	8	15
14	834	11	522	3	788	9	445	6	538	5	14
13	443	8	155	1	544	6	263	4	339	3	13
12	390	6	51	1	444	3	237	3	169	1	12
11	320	4	20	1	200	2	192	2	66	1	11
10	241	3	4	1	100	1	130	1	17	1	10
9	154	2	3	1	32	1	35	1	3	1	9
8	149	1	1	1	13	1	19	1	1	1	8
7	55	1	0	1	5	1	11	1	1	1	7
6	12	1	1	1	4	1	1	1	0	1	6
5	6	1	0	1	2	1	0	1	0	1	5
4	1	1	0	1	1	1	0	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	21.4 (5.7)		21.6 (4.9)		22.4 (5.9)		21.7 (4.6)		21.9 (4.7)		Avg (SD)

¹Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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

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 ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	623	100	180	100	426	100	702	100	730	100	140	100	169	100	18
17	1,135	97	478	99	1,442	98	1,281	97	994	97	251	99	168	99	17
16	989	92	1,145	97	1,344	92	1,659	91	1,365	93	495	98	544	99	16
15	851	88	1,755	92	1,518	86	1,927	84	1,586	87	1,177	96	1,410	96	15
14	1,774	84	1,668	85	1,655	80	2,061	76	2,136	80	1,680	91	1,834	90	14
13	1,679	77	2,126	77	1,665	72	2,074	67	2,465	71	2,853	84	2,388	82	13
12	2,132	70	2,735	68	3,211	65	2,273	58	2,245	60	2,576	72	2,579	72	12
11	2,339	60	3,487	57	2,626	51	1,790	48	2,250	50	2,925	60	2,917	61	11
10	2,749	50	2,839	41	2,079	40	2,175	41	2,530	41	4,076	48	3,772	48	10
9	2,169	38	2,174	29	2,178	31	1,908	31	1,714	30	2,774	30	2,938	32	9
8	2,208	29	2,083	20	2,289	22	1,442	23	2,069	22	1,848	18	1,776	19	8
7	1,572	20	1,051	11	1,123	12	1,274	17	2,061	13	998	10	1,270	12	7
6	1,177	13	654	6	769	7	1,468	11	715	5	704	6	566	6	6
5	972	8	470	4	398	4	672	5	207	1	381	3	296	4	5
4	481	4	269	2	307	2	369	2	84	1	104	1	319	2	4
3	255	1	65	1	114	1	86	1	30	1	173	1	165	1	3
2	83	1	16	1	38	1	32	1	13	1	5	1	54	1	2
1	8	1	1	1	14	1	3	1	2	1	36	1	31	1	1
Avg (SD)	10.7 (3.6)		11.1 (3.0)		11.4 (3.4)		11.5 (3.6)		11.5 (3.3)		10.8 (2.7)		10.8 (2.8)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	25	25	27	24	25
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	18	18	18	19	19

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	23,196	58	22.8	20.3
	African Am./Black	1,122	53	18.7	16.6
	Am. Indian/Alaska Native	244	52	21.8	18.7
	Caucasian Am./White	17,403	61	23.2	20.7
	Hispanic	1,108	55	20.5	17.7
	Asian Am./Pacific Islander	531	64	22.5	21.2
	Other/No Response	2,788	40	22.7	20.6
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.4	21.6	22.4	21.7	21.9
	African Am./Black	16.7	17.7	18.0	18.0	17.7
	Am. Indian/Alaska Native	19.6	19.7	21.2	20.3	20.4
	Caucasian Am./White	21.9	22.0	22.8	22.1	22.3
	Hispanic	18.2	19.3	19.6	19.4	19.3
	Asian Am./Pacific Islander	21.3	23.0	21.9	22.0	22.2
	Other/No Response	21.5	21.7	22.4	21.7	22.0
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

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	964	4	482	2	1,222	5	504	2
	28 to 32	2,527	11	2,327	10	3,640	16	1,589	7
	24 to 27	4,456	19	5,519	24	4,469	19	5,437	23
	20 to 23	6,782	29	5,766	25	6,233	27	8,892	38
	16 to 19	4,906	21	7,205	31	4,682	20	4,925	21
	13 to 15	2,233	10	1,817	8	2,148	9	1,223	5
	01 to 12	1,328	6	80	0	802	3	626	3
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	10,315	44	21.0	22.3	22.1	22.3	22.1
	Females	11,706	50	21.8	21.0	22.6	21.2	21.7
	Missing	1,175	5	21.8	21.9	22.6	21.9	22.2
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	72	54	57	38	30
	Females	77	43	61	27	22
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

Section III

College Readiness and the Impact of Course Rigor

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

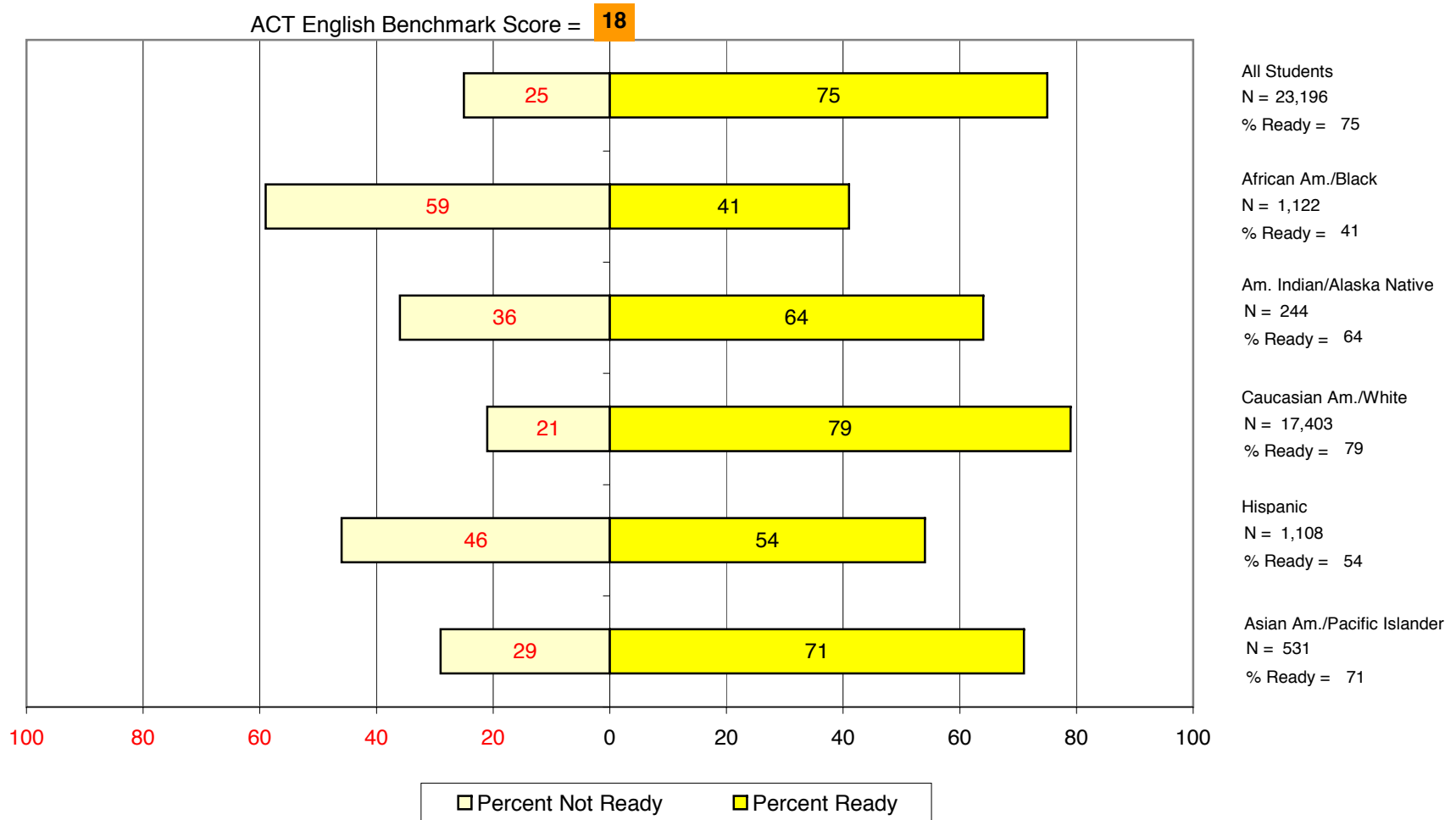


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

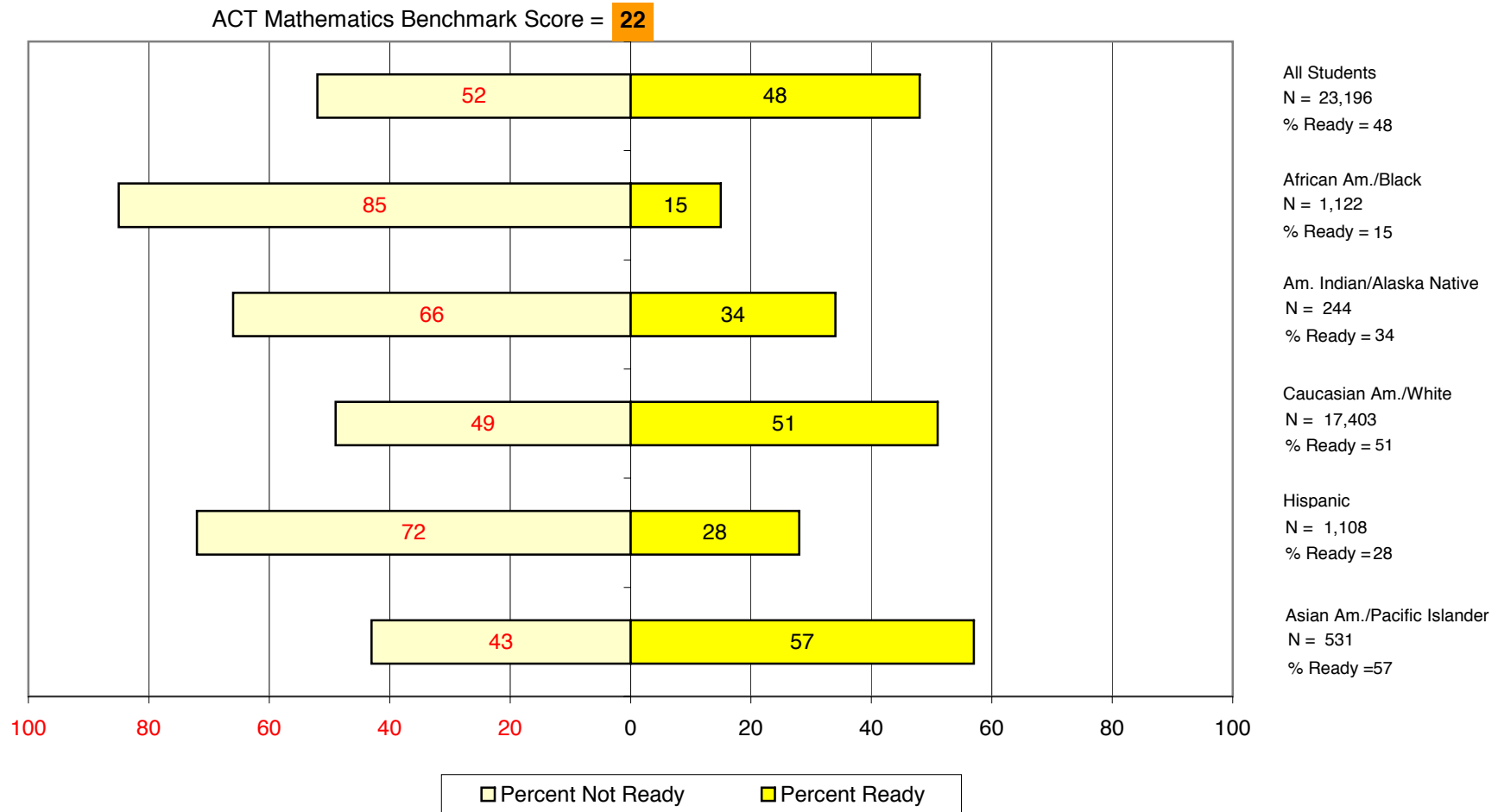


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

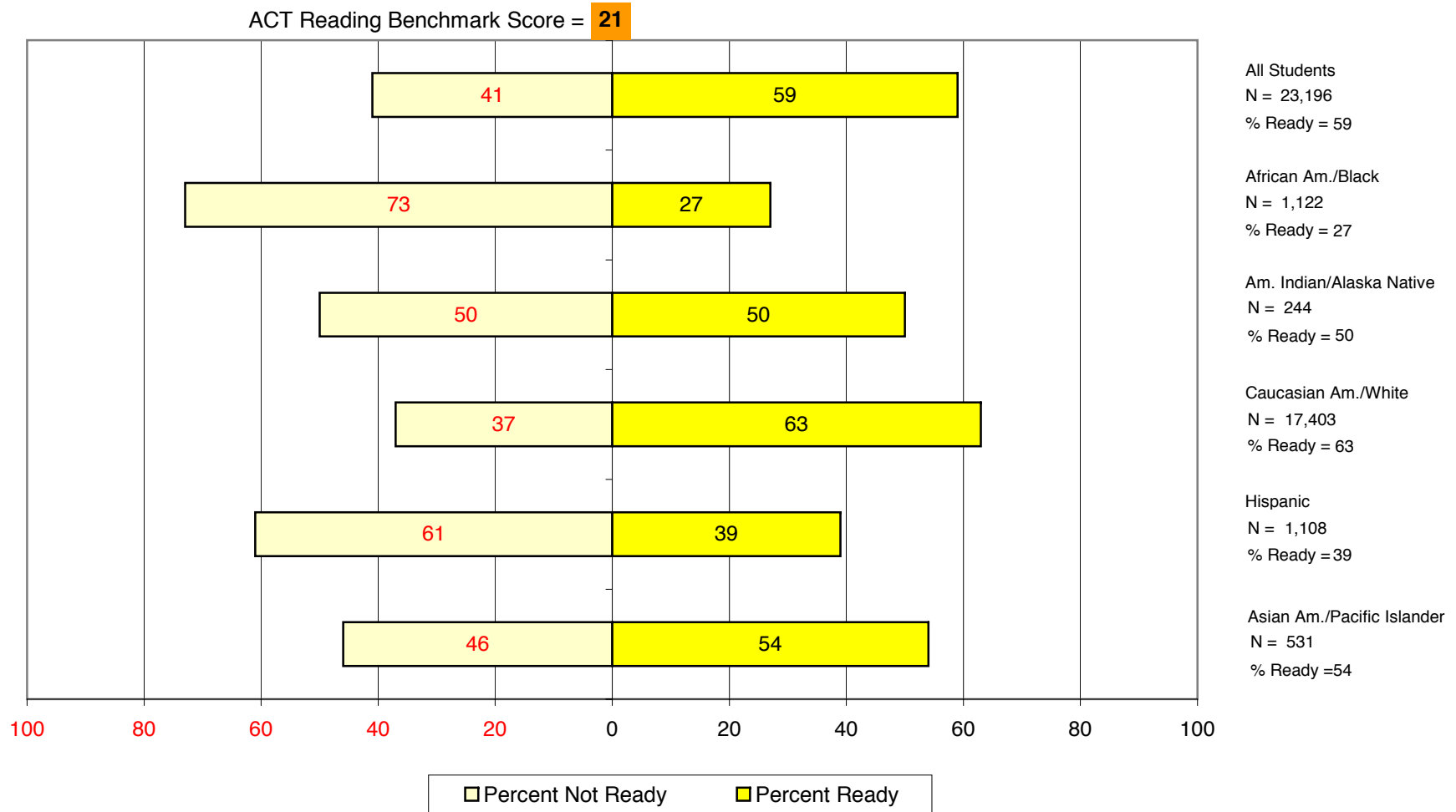


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

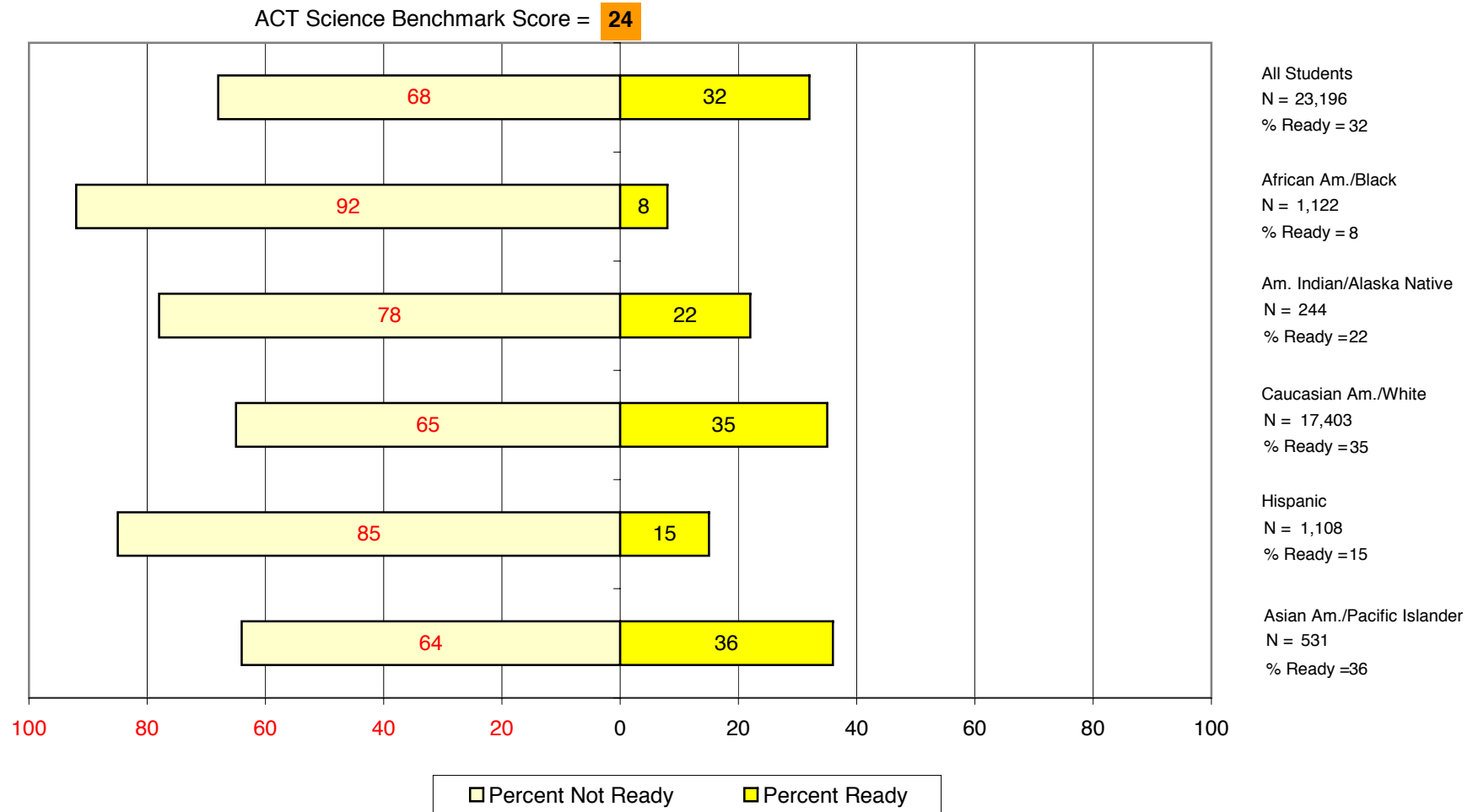


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

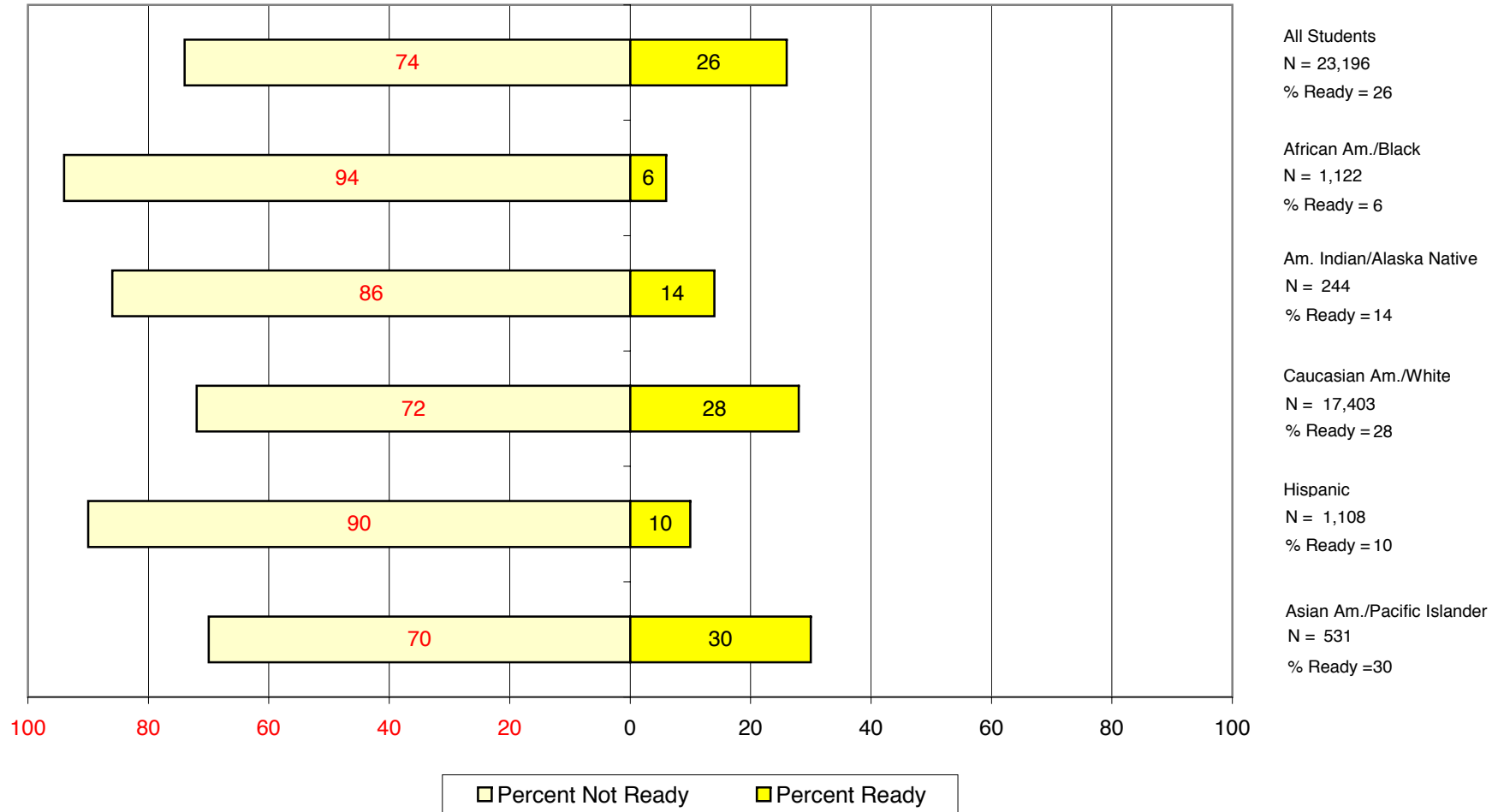


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	4,584	20	22.7	2.1	1,784	17	22.5	2.4	2,690	23	22.9	1.8
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,597	59	21.1	0.5	6,279	61	20.7	0.6	6,929	59	21.5	0.4
Less than 4 years of English	2,104	9	20.6	-	971	9	20.1	-	1,016	9	21.1	-
No English course/grade information reported	2,911	13	21.3	-	1,281	12	20.6	-	1,071	9	21.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,382	6	25.3	7.0	634	6	26.3	7.5	689	6	24.4	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,804	8	23.0	4.7	684	7	23.9	5.1	1,076	9	22.4	4.6
Alg 1, Alg 2, Geom, & Trig	1,470	6	21.5	3.2	670	6	22.2	3.4	758	6	20.9	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	3,129	13	21.0	2.7	1,207	12	21.7	2.9	1,823	16	20.5	2.7
Other comb of 4 or more years of Math	5,171	22	24.6	6.3	2,449	24	25.6	6.8	2,595	22	23.7	5.9
Alg 1, Alg 2, & Geom (Min. Core)	3,781	16	18.6	0.3	1,736	17	19.1	0.3	1,927	16	18.1	0.3
Other comb of 3 or 3.5 years of Math	939	4	20.7	2.4	462	4	21.0	2.2	445	4	20.2	2.4
Less than 3 years of Math	2,484	11	18.3	-	1,130	11	18.8	-	1,269	11	17.8	-
No Math course/grade information reported	3,036	13	21.5	-	1,343	13	21.8	-	1,124	10	20.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	753	3	23.3	1.8	376	4	22.5	1.4	355	3	23.9	2.0
Other comb of 4 or more years Social Science	6,907	30	22.8	1.3	2,857	28	22.8	1.7	3,867	33	22.9	1.0
US Hist, World Hist, & Am Gov (Min. Core)	2,794	12	21.8	0.3	1,443	14	21.7	0.6	1,278	11	22.0	0.1
Other comb of 3 or 3.5 years of Social Science	7,030	30	22.4	0.9	3,001	29	22.2	1.1	3,831	33	22.6	0.7
Less than 3 years of Social Science	2,671	12	21.5	-	1,288	12	21.1	-	1,254	11	21.9	-
No Soc Sci course/grade information reported	3,041	13	22.1	-	1,350	13	21.8	-	1,121	10	22.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	7,304	31	23.2	3.6	3,369	33	24.0	4.1	3,768	32	22.6	3.3
Bio, Chem, Phys	2,108	9	24.4	4.8	969	9	25.4	5.5	1,070	9	23.6	4.3
Gen Sci ² , Bio, Chem (Min. Core)	6,017	26	20.5	0.9	2,369	23	20.9	1.0	3,457	30	20.2	0.9
Other comb of 3 years of Natural Science	648	3	20.9	1.3	364	4	21.4	1.5	258	2	20.1	0.8
Less than 3 years of Natural Science	4,006	17	19.6	-	1,860	18	19.9	-	2,004	17	19.3	-
No Nat Sci course/grade information reported	3,113	13	21.5	-	1,384	13	21.9	-	1,149	10	20.8	-

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.

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	4,584	20	22.7	83	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,597	59	21.1	73	766,001	59	20.5	68
Less than 4 years of English	2,104	9	20.6	72	141,777	11	19.7	64
No English course/grade information reported	2,911	13	21.3	75	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,382	6	25.3	81	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,804	8	23.0	65	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	1,470	6	21.5	50	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	3,129	13	21.0	44	163,562	13	20.4	38
Other comb of 4 or more years of Math	5,171	22	24.6	73	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	3,781	16	18.6	18	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	939	4	20.7	39	57,945	4	20.9	43
Less than 3 years of Math	2,484	11	18.3	20	145,617	11	18.3	21
No Math course/grade information reported	3,036	13	21.5	47	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	753	3	23.3	62	31,985	2	22.7	61
Other comb of 4 or more years Social Science	6,907	30	22.8	63	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	2,794	12	21.8	55	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	7,030	30	22.4	60	333,689	26	21.4	52
Less than 3 years of Social Science	2,671	12	21.5	53	201,605	16	20.6	47
No Soc Sci course/grade information reported	3,041	13	22.1	57	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	7,304	31	23.2	45	333,648	26	22.4	40
Bio, Chem, Phys	2,108	9	24.4	57	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	6,017	26	20.5	20	353,348	27	20.2	20
Other comb of 3 years of Natural Science	648	3	20.9	26	32,593	3	20.4	24
Less than 3 years of Natural Science	4,006	17	19.6	18	247,312	19	19.1	15
No Nat Sci course/grade information reported	3,113	13	21.5	32	218,401	17	20.9	29

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students and 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	422	2	20.5	72	6	19.0	339	2	20.8
Architecture & Environmental Design	420	2	21.9	13	1	16.9	387	2	22.1
Business & Management	1,619	7	21.5	82	7	17.5	1,466	8	21.8
Business & Office	111	0	20.4	22	2	17.4	82	0	21.4
Marketing & Distribution	141	1	21.0	4	0	16.3	129	1	21.2
Communications & Comm. Technologies	576	2	22.3	18	1	19.2	541	3	22.4
Community & Personal Services	502	2	19.4	90	7	17.9	381	2	19.8
Computer & Information Sciences	392	2	22.8	37	3	19.4	345	2	23.2
Cross-Disciplinary Studies	20	0	24.1	0	0	.	20	0	24.1
Education	881	4	21.5	29	2	17.4	823	5	21.7
Teacher Education	597	3	20.9	11	1	17.4	560	3	21.1
Engineering	792	3	24.4	44	4	17.3	725	4	24.9
Engineering-Related Technologies	421	2	23.2	27	2	18.7	382	2	23.6
Foreign Languages	99	0	24.2	3	0	14.7	91	1	24.5
Health Sciences & Allied Health Fields	3,302	14	21.5	183	15	18.3	3,001	17	21.8
Human, Family & Consumer Science	179	1	19.9	27	2	18.9	137	1	20.1
Letters	116	1	24.8	2	0	15.5	112	1	25.0
Mathematics	61	0	25.1	0	0	.	59	0	25.1
Philosophy, Religion & Theology	164	1	23.2	6	0	19.3	151	1	23.4
Sciences (Biological & Physical)	796	3	24.3	10	1	17.1	755	4	24.5
Social Sciences	1,081	5	22.7	21	2	18.0	1,028	6	22.9
Trade & Industrial	272	1	19.3	139	11	18.2	117	1	20.4
Visual & Performing Arts	1,201	5	21.9	103	8	17.8	1,022	6	22.5
Undecided	3,208	14	21.5	182	15	17.4	2,795	16	21.8
No Response	5,823	25	22.0	122	10	18.0	2,047	12	22.4

¹2-Year and 4-Year N's do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N for *All Students*.

²Percent of students tested.

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-Am./ Black		Am. Indian/ Alaska Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	284	17.8	9	16.1	5	18.4	226	18.1	20	15.2	3	21.0	21	17.1
2-yr College Degree	963	18.0	45	15.5	17	17.2	748	18.4	65	16.1	15	16.1	73	18.1
Bachelors Degree	8,574	21.1	345	17.3	86	19.4	6,941	21.5	351	18.8	134	19.8	717	20.8
Graduate Study	3,774	23.5	188	18.9	28	22.5	2,993	23.9	148	21.7	84	23.3	333	23.4
Prof. Level Degree	5,147	23.2	330	18.7	74	21.6	3,723	23.9	327	20.2	197	24.1	496	23.0
Other	558	19.3	43	16.3	6	17.8	381	19.9	36	18.2	16	17.9	76	18.6
No Response	3,896	22.0	162	16.5	28	20.9	2,391	22.4	161	18.1	82	22.1	1,072	22.4

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	8,826	3,594	5,232	1	4	18	34	29	14	1
KANSAS STATE UNIVERSITY	Kansas	8,485	3,241	5,244	1	4	20	35	26	12	1
WICHITA STATE UNIVERSITY	Kansas	4,726	1,362	3,364	1	6	25	36	23	8	1
EMPORIA STATE UNIVERSITY	Kansas	2,946	671	2,275	1	5	27	37	23	7	0
PITTSBURG STATE UNIVERSITY	Kansas	2,810	739	2,071	1	6	27	38	21	7	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	2,188	681	1,507	1	9	30	37	19	4	0
WASHBURN UNIVERSITY	Kansas	2,173	524	1,649	1	6	23	38	23	9	0
FORT HAYS STATE UNIVERSITY	Kansas	2,113	665	1,448	1	7	27	39	20	6	0
BUTLER COMMUNITY COLLEGE	Kansas	1,766	604	1,162	2	11	36	35	13	4	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	1,045	348	697	2	9	34	36	16	4	0
BAKER UNIVERSITY	Kansas	908	206	702	0	6	23	39	21	10	1
FRIENDS UNIVERSITY	Kansas	859	135	724	1	7	30	37	19	7	0
COWLEY COUNTY COMMUNITY COLL	Kansas	663	201	462	2	12	33	36	16	2	0
KANSAS CITY KANSAS COMM COLL	Kansas	621	212	409	4	21	34	26	13	1	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	621	142	479	1	6	19	33	29	10	1
NEWMAN UNIVERSITY	Kansas	583	82	501	2	8	27	34	22	7	1
BARTON COUNTY COMMUNITY COLLEGE	Kansas	446	168	278	1	12	38	35	12	3	0
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	441	137	304	1	15	35	35	11	4	0
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	433	152	281	2	11	36	33	15	3	0
UNIV OF MISSOURI-COLUMBIA	Missouri	409	81	328	0	4	15	30	31	18	1
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	402	86	316	1	2	11	28	34	20	4
OKLAHOMA STATE UNIVERSITY	Oklahoma	385	68	317	0	3	14	34	33	15	2
HIGHLAND COMMUNITY COLLEGE	Kansas	380	118	262	1	13	35	33	14	3	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	354	120	234	1	4	21	33	29	11	1
OTTAWA UNIVERSITY	Kansas	351	58	293	1	11	29	35	18	5	0
SOUTHWESTERN COLLEGE	Kansas	345	73	272	1	6	28	34	23	6	1
FORT SCOTT COMMUNITY COLLEGE	Kansas	343	96	247	2	17	38	31	9	2	0
COLBY COMMUNITY COLLEGE	Kansas	338	135	203	2	12	34	35	14	3	0
MID-AMERICA NAZARENE UNIVERSITY	Kansas	335	111	224	0	4	21	30	33	12	1
K-STATE SALINA C OF TECH & AVIATION	Kansas	334	94	240	2	8	30	36	17	7	0
All Other Institutions		20,508	4,700	15,808	1	7	20	28	25	17	3
Total		67,137	19,604	47,533	1	6	23	33	24	11	1

Section V

Optional Writing Test Results

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	3,809	532,943	24.8	22.3	7.7	7.6	23.7	21.8
African Am./Black	143	50,340	19.9	17.2	7.0	6.7	19.5	17.3
Am. Indian/Alaska Native	32	3,462	22.4	19.8	7.3	7.0	21.7	19.4
Caucasian Am./White	2,727	308,578	25.2	23.4	7.7	7.6	24.0	22.6
Hispanic	157	42,588	22.0	18.8	7.3	7.3	21.3	19.0
Asian Am./Pacific Islander	132	25,616	26.1	23.2	8.4	8.0	25.3	22.8
Other/No Response	618	102,359	24.6	23.2	7.7	7.8	23.6	22.7
Males	1,518	204,427	24.5	22.0	7.4	7.3	23.3	21.3
Females	2,044	285,556	25.0	22.5	7.9	7.7	24.0	22.1
Missing	247	42,960	24.4	23.0	7.7	7.8	23.5	22.6

