

ACT High School Profile Report

The Graduating Class of 2006
Kansas



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This report provides information about the performance of your 2006 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 - college 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: A Test Like No Other

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

25% of 2006 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. 23,056 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. 63% 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, 17% were college ready. 17% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 18% of these students were college ready. In comparison, 60% 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 18% of the cohort took less than three years of natural science courses. 15% 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 2.4 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.

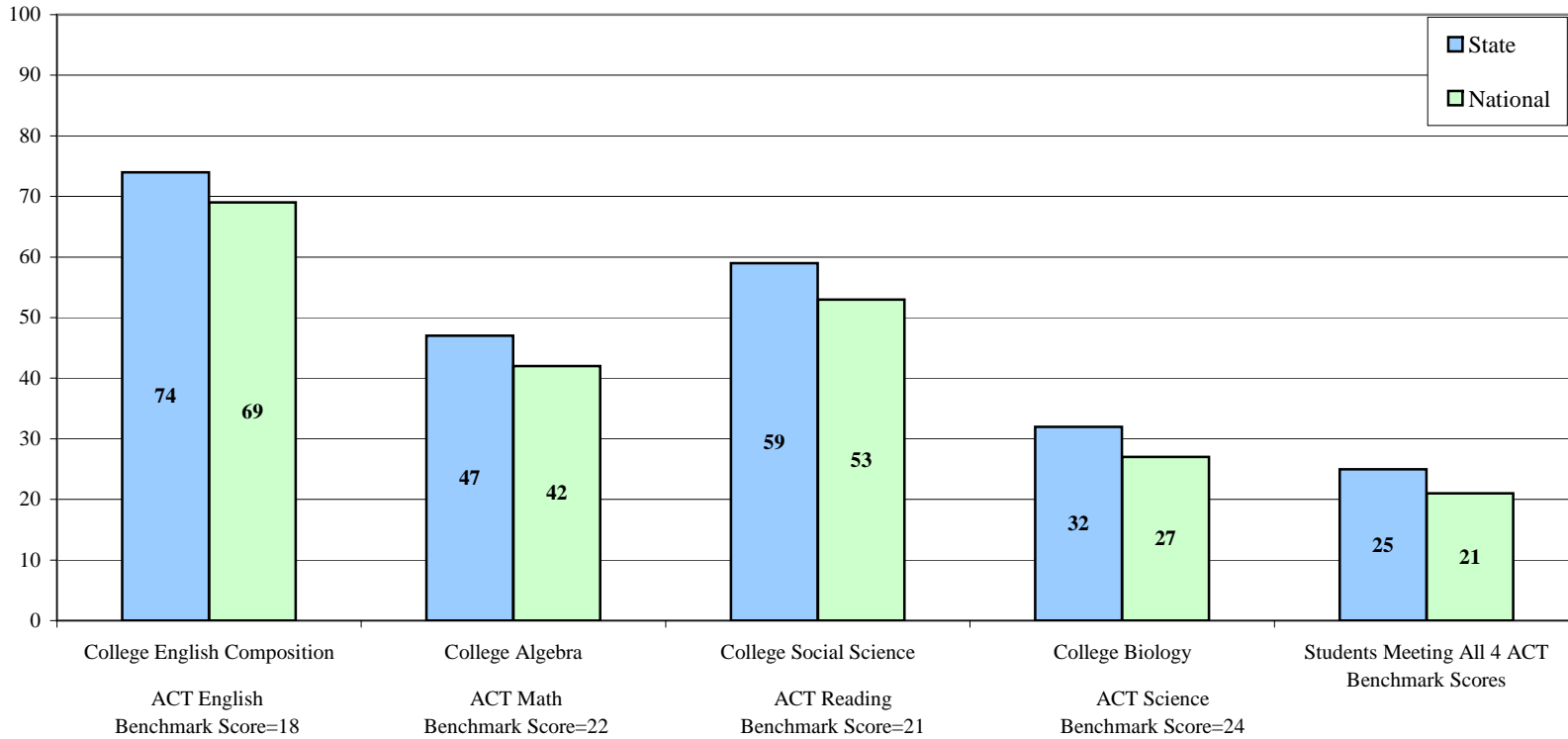
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 courses.

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
2002	23,590	1,116,082	72	67	45	39	59	53	30	26	24	20
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

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
2002	23,590	1,116,082	21.0	20.2	21.3	20.6	22.1	21.1	21.5	20.8	21.6	20.8
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2002	1,116,082	20.2	20.6	21.1	20.8	20.8
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

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
2002	15,507	7,058	66	30	22.0	18.8	22.4	19.1	23.1	20.2	22.3	19.9	22.6	19.6
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

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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,590	100	21.6	23,813	100	21.5	23,472	100	21.6	23,106	100	21.7	23,056	100	21.8
African American/Black	932	4	17.4	973	4	17.6	1,038	4	17.6	1,053	5	17.4	1,055	5	17.4
American Indian/Alaskan Native	237	1	20.2	206	1	19.9	265	1	20.5	233	1	20.2	231	1	20.3
Caucasian American/White	19,462	83	22.0	19,565	82	21.9	19,035	81	22.0	18,736	81	22.1	18,149	79	22.2
Hispanic	847	4	19.2	914	4	19.3	905	4	19.4	957	4	19.1	979	4	19.3
Asian American/Pacific Islander	510	2	21.0	558	2	21.1	573	2	22.0	515	2	21.6	608	3	22.0
Other/No Response	1,602	7	21.2	1,597	7	21.1	1,656	7	21.1	1,612	7	21.6	2,034	9	21.6

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	33	100	39	100	153	100	51	100	6	100	36
35	215	100	83	100	233	99	128	100	35	100	35
34	308	99	182	99	428	98	116	99	91	100	34
33	258	98	149	99	456	96	128	99	159	99	33
32	313	96	159	98	433	94	201	98	267	99	32
31	311	95	274	97	609	93	270	97	357	98	31
30	568	94	400	96	657	90	94	96	498	96	30
29	643	91	592	94	787	87	370	96	567	94	29
28	749	89	693	92	840	84	577	94	764	91	28
27	695	85	1,093	89	1,053	80	600	92	1,009	88	27
26	1,006	82	1,390	84	1,159	75	1,608	89	1,169	84	26
25	1,306	78	1,496	78	1,329	70	1,194	82	1,391	79	25
24	1,211	72	1,609	72	1,197	65	1,930	77	1,634	73	24
23	1,297	67	1,390	65	1,596	60	2,036	68	1,701	66	23
22	1,596	61	1,322	59	1,413	53	2,118	60	1,919	58	22
21	1,865	54	1,535	53	1,325	46	2,081	50	2,087	50	21
20	1,935	46	1,462	46	1,355	41	2,321	41	1,767	41	20
19	1,515	38	1,524	40	1,565	35	2,155	31	1,768	33	19
18	1,268	31	1,737	33	1,047	28	1,503	22	1,551	25	18
17	1,108	26	2,095	26	1,303	24	1,194	16	1,331	19	17
16	1,127	21	1,880	17	890	18	711	10	1,131	13	16
15	1,119	16	1,068	8	845	14	513	7	765	8	15
14	845	11	600	4	982	10	423	5	516	5	14
13	458	8	179	1	560	6	278	3	345	2	13
12	374	6	75	1	494	4	172	2	145	1	12
11	326	4	17	1	209	2	147	1	64	1	11
10	227	3	12	1	80	1	78	1	12	1	10
9	162	2	1	1	34	1	35	1	6	1	9
8	141	1	0	1	12	1	14	1	1	1	8
7	61	1	0	1	3	1	2	1	0	1	7
6	9	1	0	1	6	1	5	1	0	1	6
5	6	1	0	1	2	1	2	1	0	1	5
4	1	1	0	1	0	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
Average	21.3		21.5		22.3		21.6		21.8		Average

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	753	100	170	100	406	100	736	100	589	100	140	100	167	100	18
17	940	97	515	99	1,448	98	1,199	97	786	97	332	99	289	99	17
16	861	93	1,055	97	1,221	92	1,580	92	1,690	94	448	98	554	98	16
15	1,103	89	1,681	92	1,413	87	1,800	85	1,388	87	831	96	1,058	96	15
14	1,647	84	1,907	85	1,600	81	1,835	77	1,630	81	2,134	92	2,133	91	14
13	1,420	77	2,108	77	2,154	74	2,019	69	2,602	74	1,615	83	2,522	82	13
12	2,026	71	2,317	68	2,559	64	2,523	60	2,960	62	3,667	76	2,806	71	12
11	2,332	62	3,343	58	2,370	53	1,901	49	1,946	49	2,472	60	2,338	59	11
10	2,903	52	2,812	43	2,184	43	2,060	41	2,272	41	3,977	50	4,248	49	10
9	2,219	39	2,644	31	2,692	33	2,083	32	1,805	31	3,720	32	2,440	30	9
8	2,074	30	1,773	20	2,140	22	1,457	23	2,565	23	1,613	16	1,824	20	8
7	1,730	21	1,148	12	1,183	12	1,345	17	1,788	12	494	9	1,128	12	7
6	1,386	13	745	7	898	7	1,300	11	710	4	757	7	828	7	6
5	770	7	511	4	401	3	737	5	187	1	537	4	129	3	5
4	573	4	227	1	208	2	369	2	88	1	106	1	386	3	4
3	243	1	81	1	121	1	95	1	32	1	166	1	59	1	3
2	71	1	18	1	40	1	17	1	18	1	19	1	119	1	2
1	5	1	1	1	18	1	0	1	0	1	28	1	28	1	1
Average	10.6		11.1		11.3		11.4		11.4		10.7		10.8		Average

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

Table 2.3. 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	23,056	63	22.7	20.0
	African Am./Black	1,055	55	18.2	16.2
	Am. Indian/Alaskan Native	231	57	21.5	18.6
	Caucasian Am./White	18,149	64	23.1	20.5
	Hispanic	979	57	20.6	17.4
	Asian Am./Pacific Islander	608	71	22.6	20.4
	Other/No Response	2,034	50	22.6	20.0
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

Table 2.4. 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	814	4	453	2	1,270	6	423	2
	28 to 32	2,584	11	2,118	9	3,326	14	1,512	7
	24 to 27	4,218	18	5,588	24	4,738	21	5,332	23
	20 to 23	6,693	29	5,709	25	5,689	25	8,556	37
	16 to 19	5,018	22	7,236	31	4,805	21	5,563	24
	13 to 15	2,422	11	1,847	8	2,387	10	1,214	5
	01 to 12	1,307	6	105	0	841	4	456	2
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	10,357	45	20.7	22.2	22.0	22.2	21.9
	Females	12,195	53	21.7	20.9	22.5	21.1	21.7
	Missing	504	2	20.7	21.1	22.0	21.1	21.4
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

Table 2.6. 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	71	53	57	37	29
	Females	77	42	61	27	22
National	Males	66	47	51	32	25
	Females	71	37	55	23	18

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

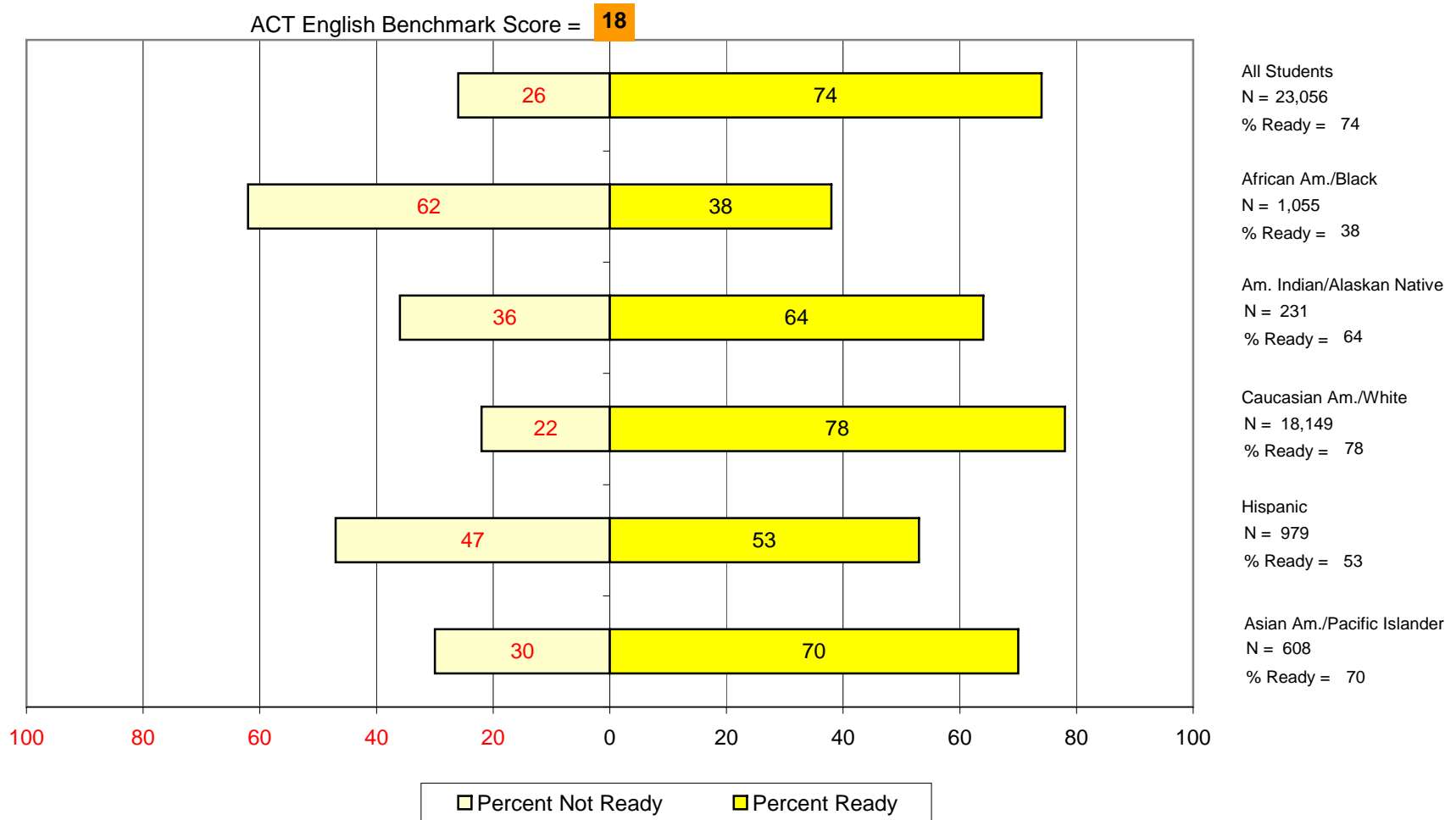


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

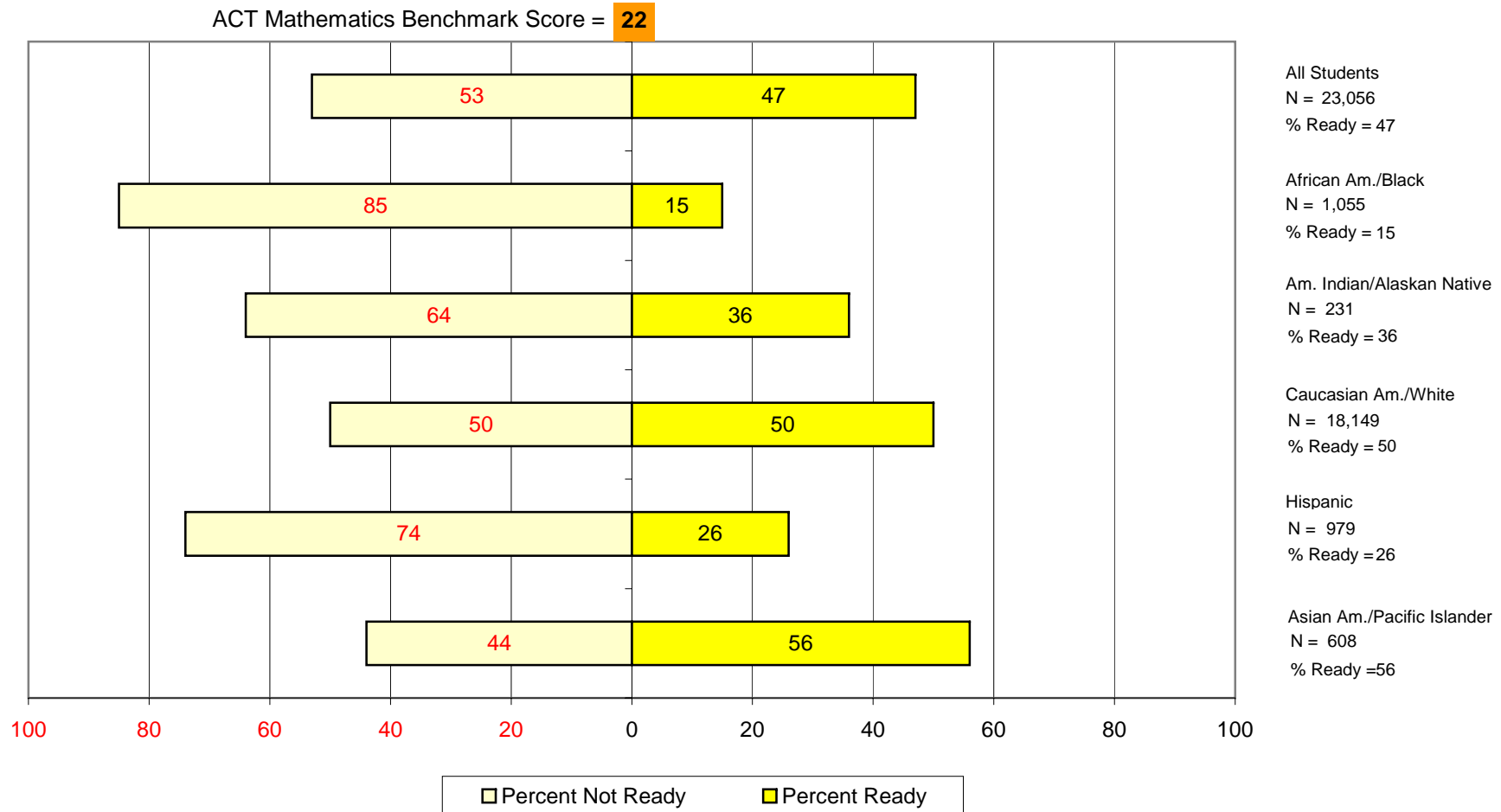


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

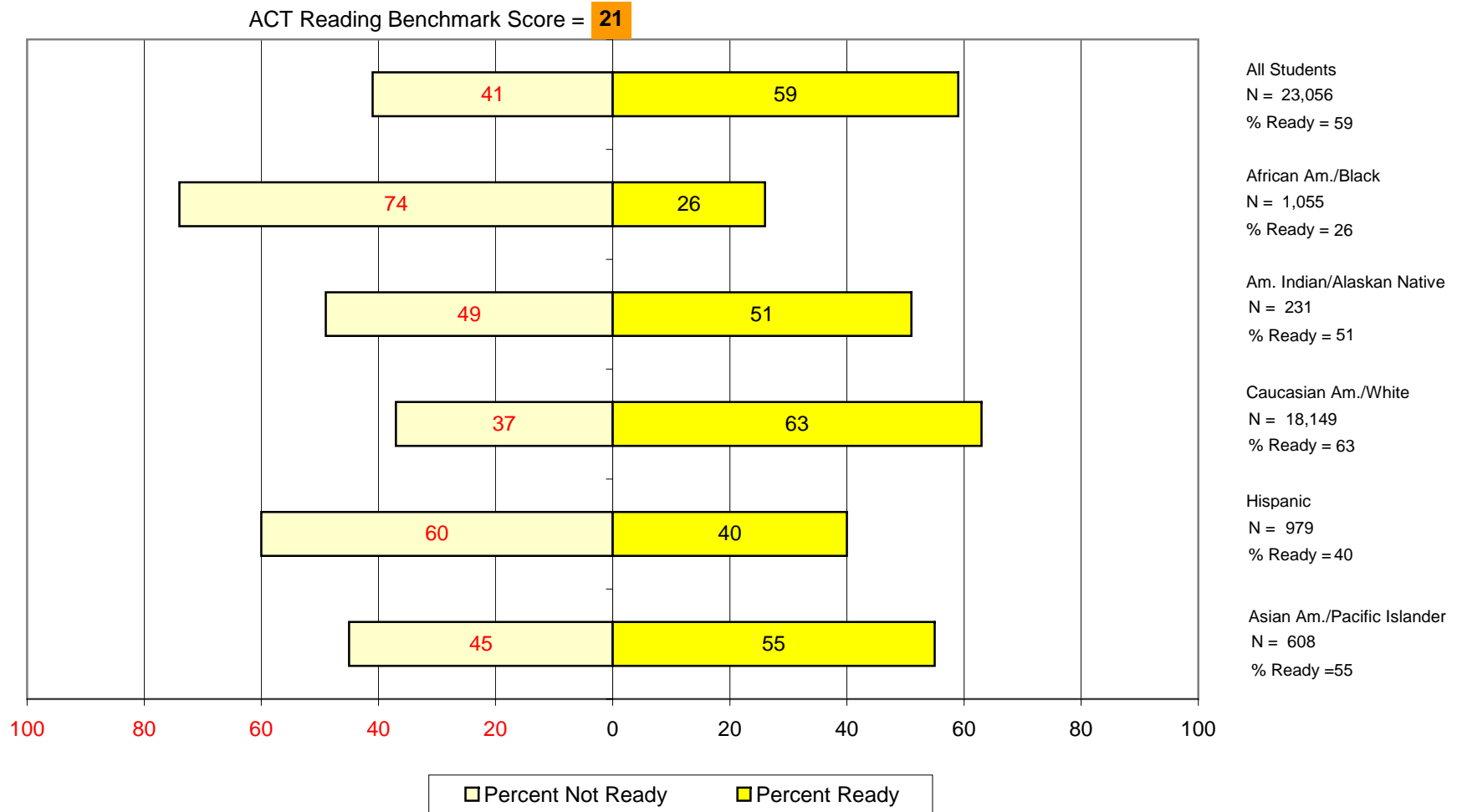


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

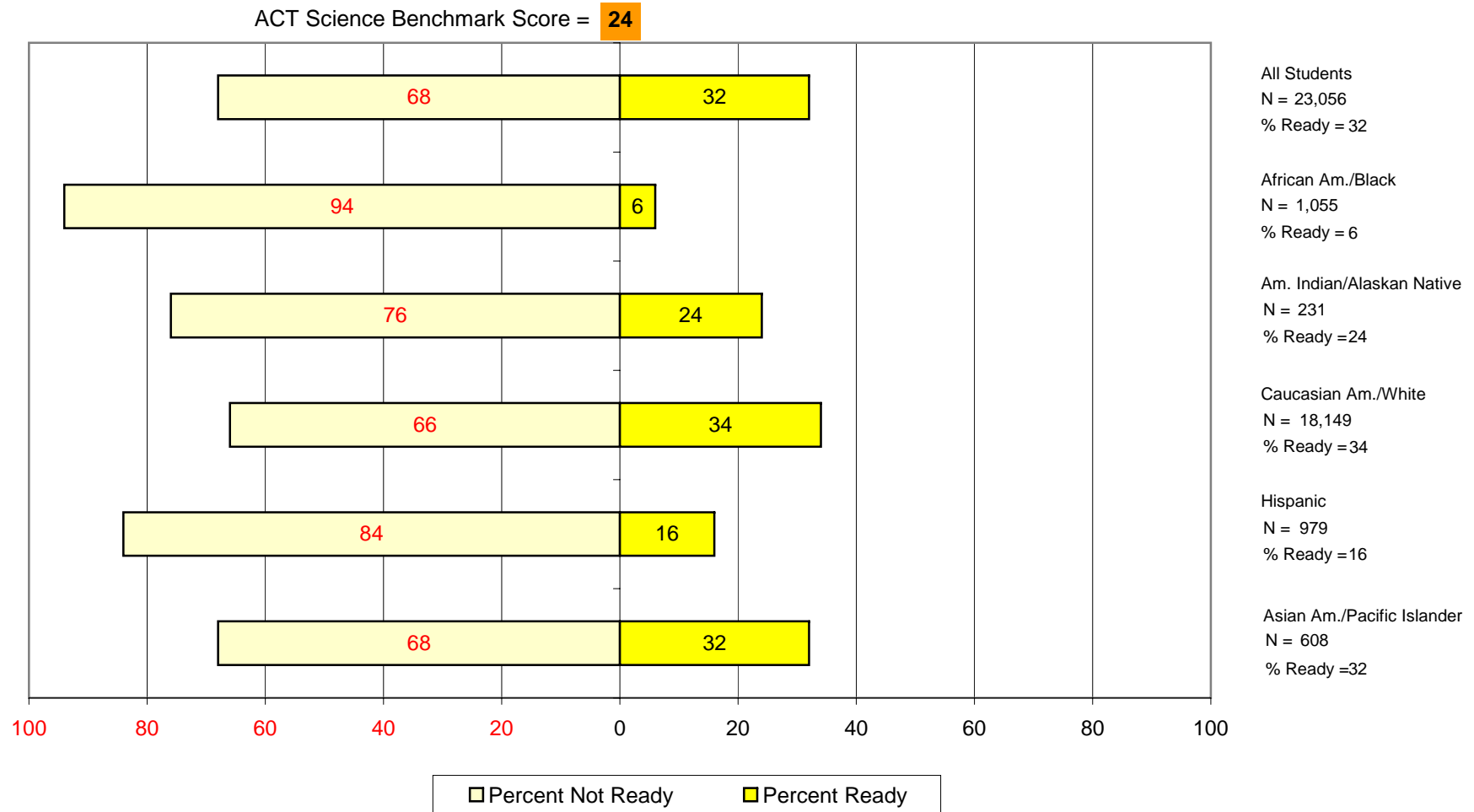


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

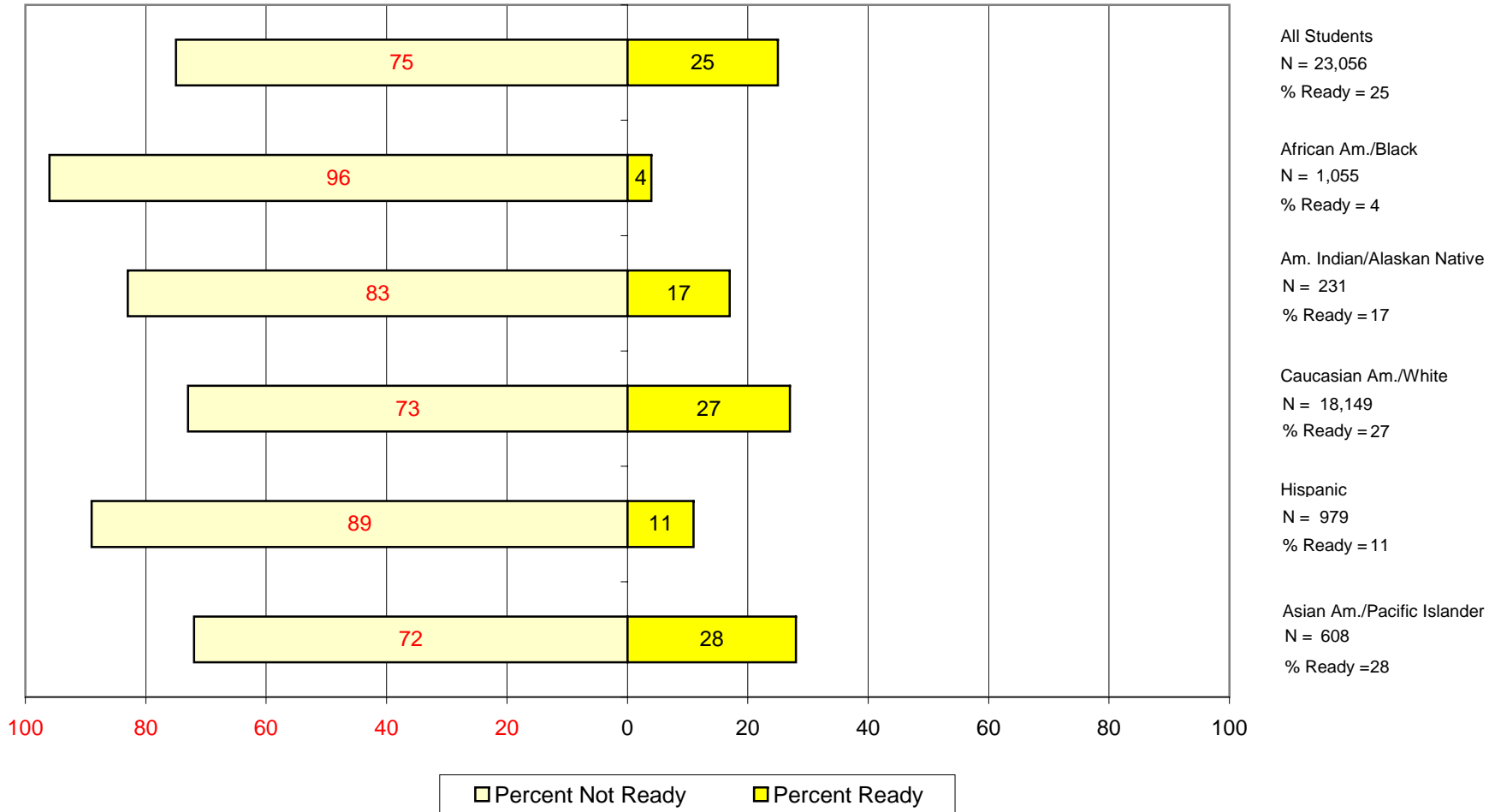


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	8,172	35	22.0	1.8	3,317	32	21.7	2.0	4,773	39	22.3	1.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	11,299	49	20.9	0.7	5,218	50	20.4	0.7	5,878	48	21.4	0.8
Less than 4 years of English	1,735	8	20.2	-	850	8	19.7	-	836	7	20.6	-
No English course/grade information reported	1,850	8	20.8	-	972	9	20.2	-	708	6	21.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,252	5	25.1	7.1	582	6	26.0	7.5	655	5	24.3	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,935	8	22.7	4.7	730	7	23.5	5.0	1,175	10	22.3	4.8
Alg 1, Alg 2, Geom, & Trig	1,518	7	21.5	3.5	667	6	22.1	3.6	829	7	21.0	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	3,044	13	20.8	2.8	1,106	11	21.6	3.1	1,882	15	20.3	2.8
Other comb of 4 or more years of Math	6,020	26	24.5	6.5	2,891	28	25.3	6.8	3,075	25	23.7	6.2
Alg 1, Alg 2, & Geom (Min. Core)	3,858	17	18.5	0.5	1,680	16	19.1	0.6	2,093	17	17.9	0.4
Other comb of 3 or 3.5 years of Math	1,031	4	20.3	2.3	487	5	21.1	2.6	530	4	19.6	2.1
Less than 3 years of Math	2,448	11	18.0	-	1,182	11	18.5	-	1,213	10	17.5	-
No Math course/grade information reported	1,950	8	20.9	-	1,032	10	21.3	-	743	6	20.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	717	3	23.1	1.8	357	3	22.7	1.6	344	3	23.5	1.9
Other comb of 4 or more years Social Science	7,808	34	22.6	1.3	3,255	31	22.5	1.4	4,443	36	22.7	1.1
US Hist, World Hist, & Am Gov (Min. Core)	2,662	12	21.5	0.2	1,359	13	21.1	0.0	1,270	10	22.0	0.4
Other comb of 3 or 3.5 years of Social Science	7,383	32	22.5	1.2	3,116	30	22.3	1.2	4,157	34	22.6	1.0
Less than 3 years of Social Science	2,547	11	21.3	-	1,247	12	21.1	-	1,236	10	21.6	-
No Soc Sci course/grade information reported	1,939	8	22.1	-	1,023	10	21.7	-	745	6	22.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	7,532	33	23.1	3.6	3,479	34	23.8	4.1	3,963	32	22.5	3.2
Bio, Chem, Phys	2,496	11	24.1	4.6	1,155	11	25.0	5.3	1,305	11	23.3	4.0
Gen Sci ² , Bio, Chem (Min. Core)	6,254	27	20.4	0.9	2,418	23	20.8	1.1	3,730	31	20.2	0.9
Other comb of 3 years of Natural Science	720	3	21.2	1.7	421	4	21.7	2.0	284	2	20.3	1.0
Less than 3 years of Natural Science	4,042	18	19.5	-	1,824	18	19.7	-	2,138	18	19.3	-
No Nat Sci course/grade information reported	2,012	9	21.3	-	1,060	10	21.6	-	775	6	20.9	-

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	8,172	35	22.0	79	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	11,299	49	20.9	72	668,226	55	20.4	67
Less than 4 years of English	1,735	8	20.2	69	115,551	10	19.4	62
No English course/grade information reported	1,850	8	20.8	71	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,252	5	25.1	79	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,935	8	22.7	62	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	1,518	7	21.5	49	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	3,044	13	20.8	42	153,394	13	20.3	37
Other comb of 4 or more years of Math	6,020	26	24.5	73	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	3,858	17	18.5	18	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	1,031	4	20.3	36	54,965	5	20.6	40
Less than 3 years of Math	2,448	11	18.0	17	131,567	11	17.9	18
No Math course/grade information reported	1,950	8	20.9	42	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	717	3	23.1	62	31,335	3	22.7	60
Other comb of 4 or more years Social Science	7,808	34	22.6	62	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	2,662	12	21.5	53	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	7,383	32	22.5	61	325,879	27	21.3	52
Less than 3 years of Social Science	2,547	11	21.3	53	179,270	15	20.5	46
No Soc Sci course/grade information reported	1,939	8	22.1	58	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	7,532	33	23.1	45	320,821	27	22.3	38
Bio, Chem, Phys	2,496	11	24.1	53	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	6,254	27	20.4	19	339,689	28	20.2	19
Other comb of 3 years of Natural Science	720	3	21.2	28	32,330	3	20.5	24
Less than 3 years of Natural Science	4,042	18	19.5	15	234,307	19	19.1	14
No Nat Sci course/grade information reported	2,012	9	21.3	29	163,789	14	20.7	26

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	438	2	20.4	73	5	18.2	344	2	20.9
Architecture & Environmental Design	521	2	22.1	31	2	19.5	463	2	22.4
Business & Management	1,860	8	21.5	80	6	18.2	1,708	9	21.7
Business & Office	133	1	20.6	20	1	17.0	109	1	21.1
Marketing & Distribution	166	1	20.6	8	1	17.4	150	1	20.9
Communications & Comm. Technologies	681	3	22.2	22	2	17.5	632	3	22.5
Community & Personal Services	521	2	19.3	87	6	17.9	397	2	19.7
Computer & Information Sciences	518	2	22.2	58	4	19.0	442	2	22.7
Cross-Disciplinary Studies	26	0	25.7	1	0	17.0	25	0	26.0
Education	930	4	21.3	25	2	17.6	864	5	21.5
Teacher Education	627	3	20.8	18	1	17.4	585	3	21.0
Engineering	859	4	24.0	46	3	17.4	788	4	24.5
Engineering-Related Technologies	503	2	22.9	45	3	18.2	443	2	23.5
Foreign Languages	100	0	24.7	2	0	17.5	89	0	24.9
Health Sciences & Allied Health Fields	3,624	16	21.5	226	16	18.3	3,260	18	21.8
Human, Family & Consumer Science	191	1	19.8	20	1	18.0	152	1	20.1
Letters	107	0	25.2	2	0	24.5	99	1	25.5
Mathematics	74	0	25.8	1	0	18.0	73	0	25.9
Philosophy, Religion & Theology	169	1	23.6	4	0	22.3	152	1	23.8
Sciences (Biological & Physical)	770	3	24.0	9	1	18.8	744	4	24.1
Social Sciences	1,278	6	22.5	22	2	17.6	1,218	7	22.7
Trade & Industrial	381	2	19.3	190	14	18.4	172	1	20.2
Visual & Performing Arts	1,311	6	21.8	84	6	18.0	1,144	6	22.2
Undecided	2,558	11	21.7	170	12	17.7	2,208	12	22.1
No Response	4,710	20	21.6	130	9	18.1	2,277	12	22.1

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/ Alaskan 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	346	18.1	12	14.5	7	20.3	282	18.4	18	16.1	7	18.4	20	17.2
2-yr College Degree	1,028	18.2	57	14.9	18	17.1	794	18.5	66	16.9	14	17.9	79	18.1
Bachelors Degree	9,078	21.2	332	16.7	76	19.5	7,597	21.5	327	18.9	144	20.4	602	20.7
Graduate Study	4,046	23.4	165	18.7	40	22.6	3,289	23.8	151	20.6	90	22.4	311	23.0
Prof. Level Degree	5,414	23.1	342	18.2	64	21.3	3,972	23.7	282	20.4	260	23.4	494	22.9
Other	636	19.1	44	15.3	6	18.0	473	19.6	38	16.6	15	19.3	60	19.3
No Response	2,508	21.4	103	17.0	20	18.7	1,742	21.9	97	18.5	78	22.0	468	21.4

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	9,014	3,644	5,370	0	4	20	34	27	13	1
KANSAS STATE UNIVERSITY	Kansas	8,541	3,153	5,388	0	4	21	36	27	12	1
WICHITA STATE UNIVERSITY	Kansas	4,439	1,234	3,205	1	7	27	35	22	8	0
EMPORIA STATE UNIVERSITY	Kansas	2,996	704	2,292	1	7	27	36	23	7	0
PITTSBURG STATE UNIVERSITY	Kansas	2,717	735	1,982	1	6	27	38	23	6	0
WASHBURN UNIVERSITY	Kansas	2,392	634	1,758	1	6	27	36	22	8	0
FORT HAYS STATE UNIVERSITY	Kansas	2,369	682	1,687	1	6	29	37	21	6	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	2,211	720	1,491	1	8	32	37	18	4	0
BUTLER COUNTY COMMUNITY COLLEGE	Kansas	1,752	615	1,137	2	13	36	33	13	2	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	1,146	428	718	1	11	35	35	14	3	0
BAKER UNIVERSITY	Kansas	1,096	244	852	1	4	24	36	24	10	1
FRIENDS UNIVERSITY	Kansas	913	138	775	1	10	29	33	20	6	0
COWLEY COUNTY COMMUNITY COLL	Kansas	700	230	470	2	13	37	37	10	2	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	604	119	485	1	7	19	29	28	14	1
NEWMAN UNIVERSITY	Kansas	586	83	503	1	10	28	30	22	9	0
KANSAS CITY KANSAS COMM COLL	Kansas	485	134	351	3	18	40	26	11	2	0
BARTON COUNTY COMMUNITY COLLEGE	Kansas	473	185	288	2	9	43	31	13	2	0
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	455	164	291	2	11	38	32	14	3	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	416	74	342	0	2	19	31	30	17	1
UNIV OF MISSOURI-COLUMBIA	Missouri	400	81	319	0	2	15	33	26	21	3
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	386	109	277	2	11	39	33	14	2	0
COLBY COMMUNITY COLLEGE	Kansas	378	149	229	1	11	40	33	13	2	0
GARDEN CITY COMMUNITY COLLEGE	Kansas	378	117	261	3	14	38	33	10	2	0
FORT SCOTT COMMUNITY COLLEGE	Kansas	377	102	275	2	12	40	33	12	2	0
K-STATE SALINA C OF TECH & AVIATION	Kansas	371	113	258	2	11	25	33	22	6	1
BENEDICTINE COLLEGE	Kansas	363	99	264	0	4	22	33	25	14	2
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	345	71	274	0	4	12	31	30	19	3
MID-AMERICA NAZARENE UNIVERSITY	Kansas	341	119	222	1	4	25	31	25	12	2
SOUTHWESTERN COLLEGE	Kansas	340	71	269	2	9	23	38	20	8	0
BETHANY COLLEGE	Kansas	337	78	259	1	8	27	40	16	6	1
All Other Institutions		21,560	4,850	16,710	1	7	21	28	25	15	2
Total		68,881	19,879	49,002	1	7	24	33	23	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	3,028	430,404	24.8	22.4	7.9	7.7	23.9	22.0
African Am./Black	109	38,583	19.8	17.5	6.9	6.8	19.3	17.6
Am. Indian/Alaskan Native	23	2,803	21.8	19.8	8.0	7.1	21.8	19.6
Caucasian Am./White	2,283	269,428	25.1	23.4	7.9	7.8	24.2	22.8
Hispanic	120	33,207	22.7	18.9	7.6	7.4	22.2	19.1
Asian Am./Pacific Islander	132	21,275	25.8	23.0	8.1	8.0	24.8	22.8
Other/No Response	361	65,108	24.6	22.8	7.8	7.9	23.7	22.5
Males	1,237	170,904	24.4	22.1	7.6	7.4	23.4	21.5
Females	1,694	240,056	25.1	22.6	8.1	7.9	24.3	22.3
Missing	97	19,444	23.6	22.1	7.7	7.8	22.8	21.9

