

ACT High School Profile Report

The Graduating Class of 2006
Nebraska



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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

26% 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. 15,892 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. 64% 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 8% of the cohort took less than three years of math courses. Of these students, 19% were college ready. 14% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 18% of these students were college ready. In comparison, 58% 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 15% of the cohort took less than three years of natural science courses. 16% 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 2.4 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.

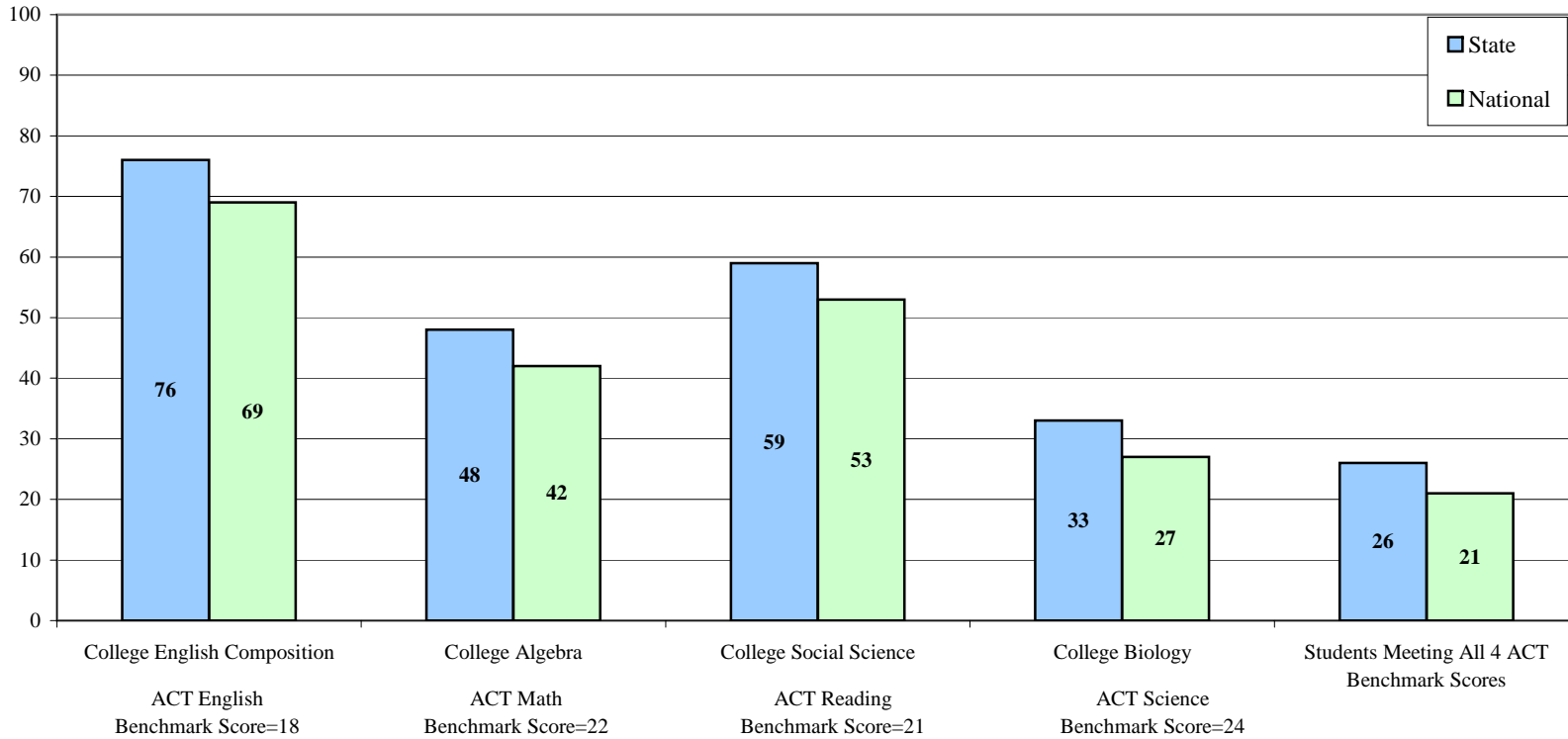
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	16,509	1,116,082	74	67	48	39	59	53	31	26	25	20
2003	16,646	1,175,059	75	67	47	40	57	52	31	26	25	20
2004	16,523	1,171,460	74	68	46	40	57	52	31	26	24	21
2005	16,220	1,186,251	75	68	48	41	56	51	32	26	26	21
2006	15,892	1,206,455	76	69	48	42	59	53	33	27	26	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	16,509	1,116,082	21.1	20.2	21.5	20.6	22.0	21.1	21.7	20.8	21.7	20.8
2003	16,646	1,175,059	21.2	20.3	21.4	20.6	22.0	21.2	21.7	20.8	21.7	20.8
2004	16,523	1,171,460	21.2	20.4	21.5	20.7	22.0	21.3	21.6	20.9	21.7	20.9
2005	16,220	1,186,251	21.4	20.4	21.6	20.7	21.9	21.3	21.7	20.9	21.8	20.9
2006	15,892	1,206,455	21.5	20.6	21.6	20.8	22.2	21.4	21.8	20.9	21.9	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	10,863	5,064	66	31	22.1	19.0	22.5	19.6	22.9	20.1	22.5	20.2	22.6	19.9
2003	11,087	4,860	67	29	22.2	19.1	22.4	19.5	22.9	20.1	22.5	20.1	22.6	19.8
2004	11,022	4,766	67	29	22.2	19.0	22.4	19.5	22.8	20.2	22.4	20.1	22.6	19.8
2005	10,913	4,397	67	27	22.4	19.3	22.5	19.7	22.8	20.1	22.4	20.1	22.6	19.9
2006	10,133	4,517	64	28	22.5	19.7	22.4	20.0	23.0	20.6	22.5	20.5	22.7	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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	16,509	100	21.7	16,646	100	21.7	16,523	100	21.7	16,220	100	21.8	15,892	100	21.9
African American/Black	442	3	17.5	496	3	17.7	477	3	17.7	492	3	17.6	528	3	17.7
American Indian/Alaskan Native	69	0	19.0	91	1	19.1	96	1	18.7	97	1	19.1	102	1	18.8
Caucasian American/White	14,447	88	22.0	14,503	87	22.0	14,268	86	22.0	13,797	85	22.1	13,208	83	22.3
Hispanic	415	3	18.5	453	3	19.1	542	3	18.7	574	4	18.7	591	4	19.0
Asian American/Pacific Islander	266	2	21.3	257	2	21.7	278	2	21.5	300	2	21.5	305	2	21.9
Other/No Response	870	5	21.2	846	5	21.3	862	5	21.4	960	6	21.4	1,158	7	21.5

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	34	100	40	100	90	100	35	100	6	100	36
35	126	100	72	100	160	99	87	100	26	100	35
34	254	99	137	99	256	98	90	99	68	100	34
33	187	97	99	98	299	97	103	99	113	99	33
32	224	96	142	98	318	95	158	98	194	99	32
31	268	95	219	97	412	93	212	97	260	97	31
30	437	93	276	96	417	90	40	96	361	96	30
29	433	90	476	94	494	88	306	95	415	94	29
28	565	88	502	91	560	85	442	94	598	91	28
27	455	84	750	88	689	81	441	91	667	87	27
26	701	81	969	83	839	77	1,119	88	766	83	26
25	909	77	982	77	963	71	767	81	1,010	78	25
24	941	71	1,126	71	793	65	1,456	76	1,073	72	24
23	910	65	934	64	1,075	60	1,333	67	1,223	65	23
22	1,110	59	908	58	1,125	54	1,477	59	1,281	57	22
21	1,292	52	1,051	52	887	47	1,459	49	1,387	49	21
20	1,366	44	948	45	1,001	41	1,676	40	1,404	41	20
19	991	36	1,047	39	1,107	35	1,471	30	1,251	32	19
18	891	30	1,143	33	758	28	1,004	20	1,105	24	18
17	745	24	1,546	26	1,000	23	747	14	859	17	17
16	774	19	1,223	16	564	17	470	9	669	11	16
15	701	14	741	8	568	13	310	6	484	7	15
14	558	10	388	4	607	10	193	4	316	4	14
13	257	6	126	1	400	6	186	3	213	2	13
12	215	5	34	1	315	3	136	2	94	1	12
11	168	3	9	1	114	1	95	1	41	1	11
10	164	2	3	1	49	1	39	1	8	1	10
9	98	1	0	1	20	1	28	1	0	1	9
8	82	1	1	1	4	1	11	1	0	1	8
7	30	1	0	1	1	1	1	1	0	1	7
6	3	1	0	1	4	1	0	1	0	1	6
5	2	1	0	1	3	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	1	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
Average	21.5		21.6		22.2		21.8		21.9		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	526	100	135	100	230	100	448	100	466	100	119	100	136	100	18
17	691	97	340	99	1,049	99	715	97	500	97	262	99	249	99	17
16	588	92	898	97	805	92	996	93	1,300	94	362	98	404	98	16
15	823	89	1,221	91	959	87	1,213	86	935	86	641	95	725	95	15
14	1,158	83	1,382	84	1,057	81	1,298	79	1,123	80	1,552	91	1,649	90	14
13	979	76	1,485	75	1,707	74	1,351	71	1,695	73	1,043	82	1,800	80	13
12	1,458	70	1,663	66	1,840	63	1,740	62	1,961	62	2,503	75	1,934	69	12
11	1,694	61	2,285	55	1,597	52	1,386	51	1,282	50	1,680	59	1,531	57	11
10	1,970	50	1,908	41	1,493	42	1,459	42	1,627	42	2,742	49	2,908	47	10
9	1,601	38	1,749	29	1,870	32	1,615	33	1,222	31	2,517	31	1,631	29	9
8	1,380	28	1,117	18	1,470	21	1,018	23	1,809	24	1,051	16	1,154	18	8
7	1,151	19	739	11	792	11	890	17	1,286	12	268	9	809	11	7
6	873	12	476	6	601	6	923	11	485	4	563	7	536	6	6
5	477	6	306	3	238	3	508	5	97	1	371	4	63	3	5
4	352	3	131	1	94	1	252	2	62	1	77	1	246	2	4
3	131	1	44	1	64	1	68	1	31	1	119	1	23	1	3
2	37	1	12	1	21	1	9	1	9	1	2	1	75	1	2
1	3	1	1	1	5	1	3	1	2	1	20	1	19	1	1
Average	10.7		11.2		11.3		11.3		11.4		10.8		10.9		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	15,892	64	22.7	20.3
	African Am./Black	528	68	18.4	16.5
	Am. Indian/Alaskan Native	102	63	19.2	17.8
	Caucasian Am./White	13,208	65	23.1	20.6
	Hispanic	591	54	20.1	18.1
	Asian Am./Pacific Islander	305	75	22.3	20.0
	Other/No Response	1,158	51	22.5	19.8
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	601	4	348	2	805	5	315	2
	28 to 32	1,927	12	1,615	10	2,201	14	1,158	7
	24 to 27	3,006	19	3,827	24	3,284	21	3,783	24
	20 to 23	4,678	29	3,841	24	4,088	26	5,945	37
	16 to 19	3,401	21	4,959	31	3,429	22	3,692	23
	13 to 15	1,516	10	1,255	8	1,575	10	689	4
	01 to 12	763	5	47	0	510	3	310	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	7,305	46	21.2	22.5	22.1	22.5	22.2
	Females	8,260	52	21.9	20.9	22.4	21.3	21.7
	Missing	327	2	20.6	20.6	21.5	21.0	21.0
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	74	55	58	40	31
	Females	78	42	60	28	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

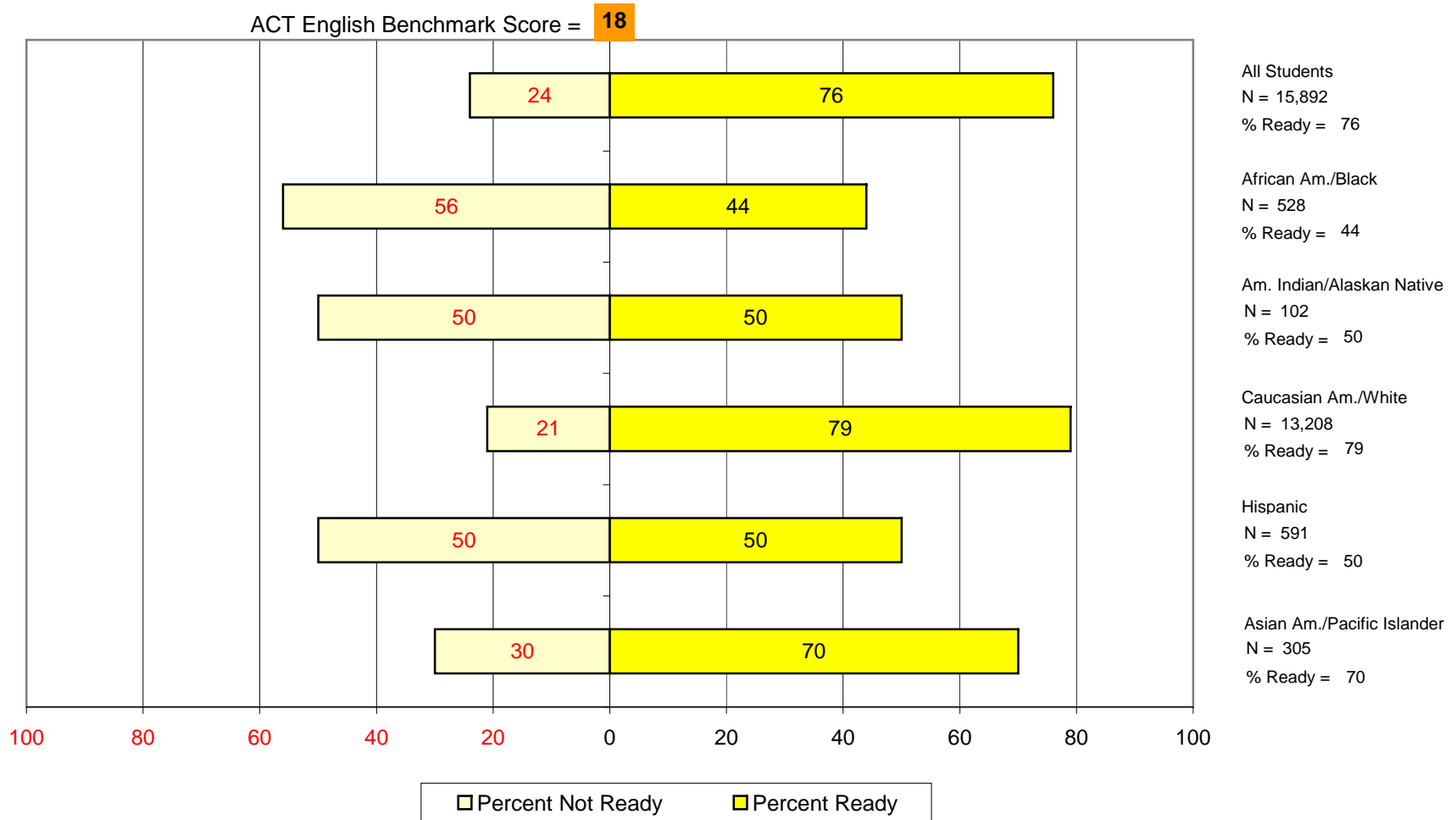


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

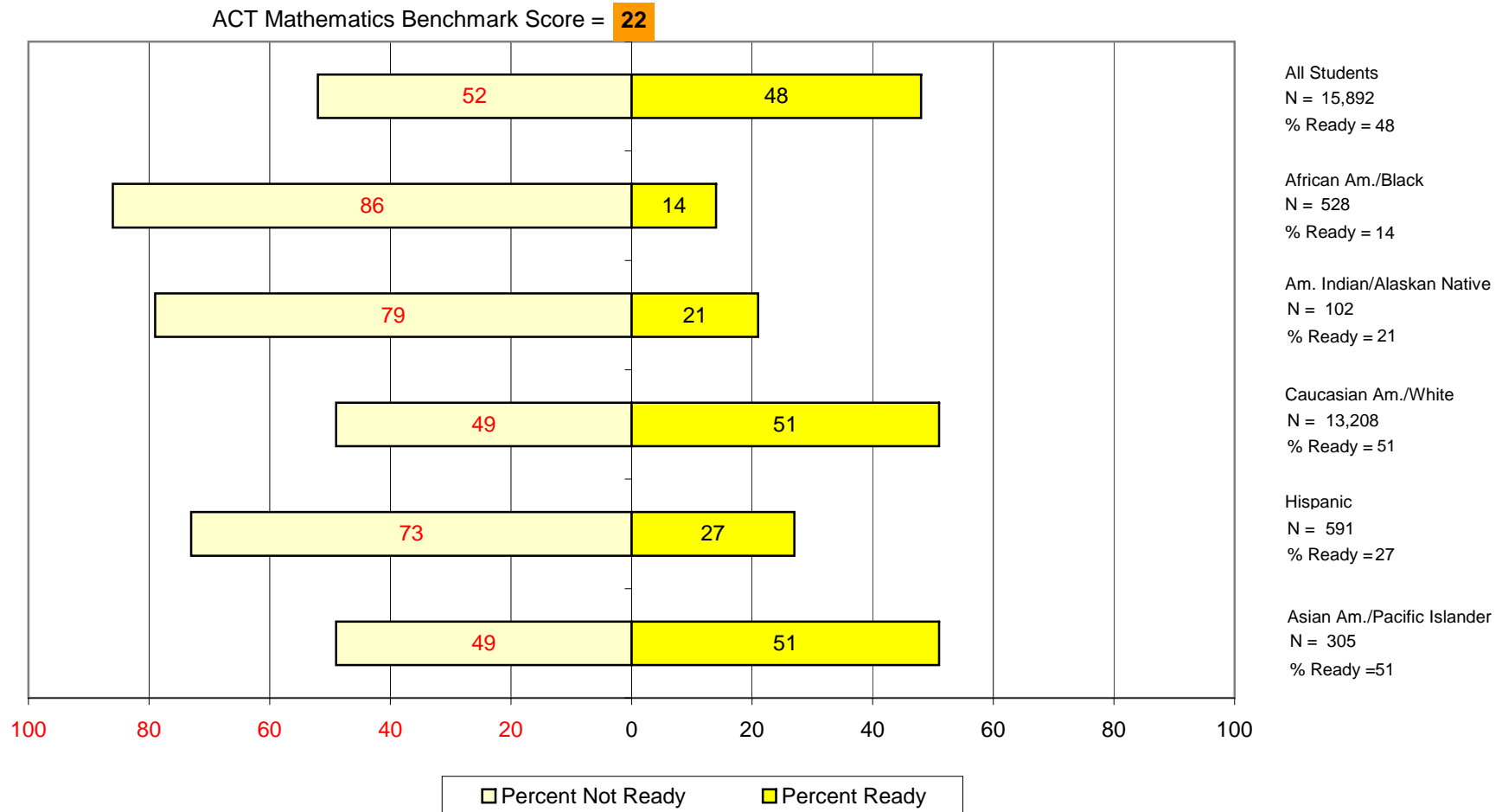


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

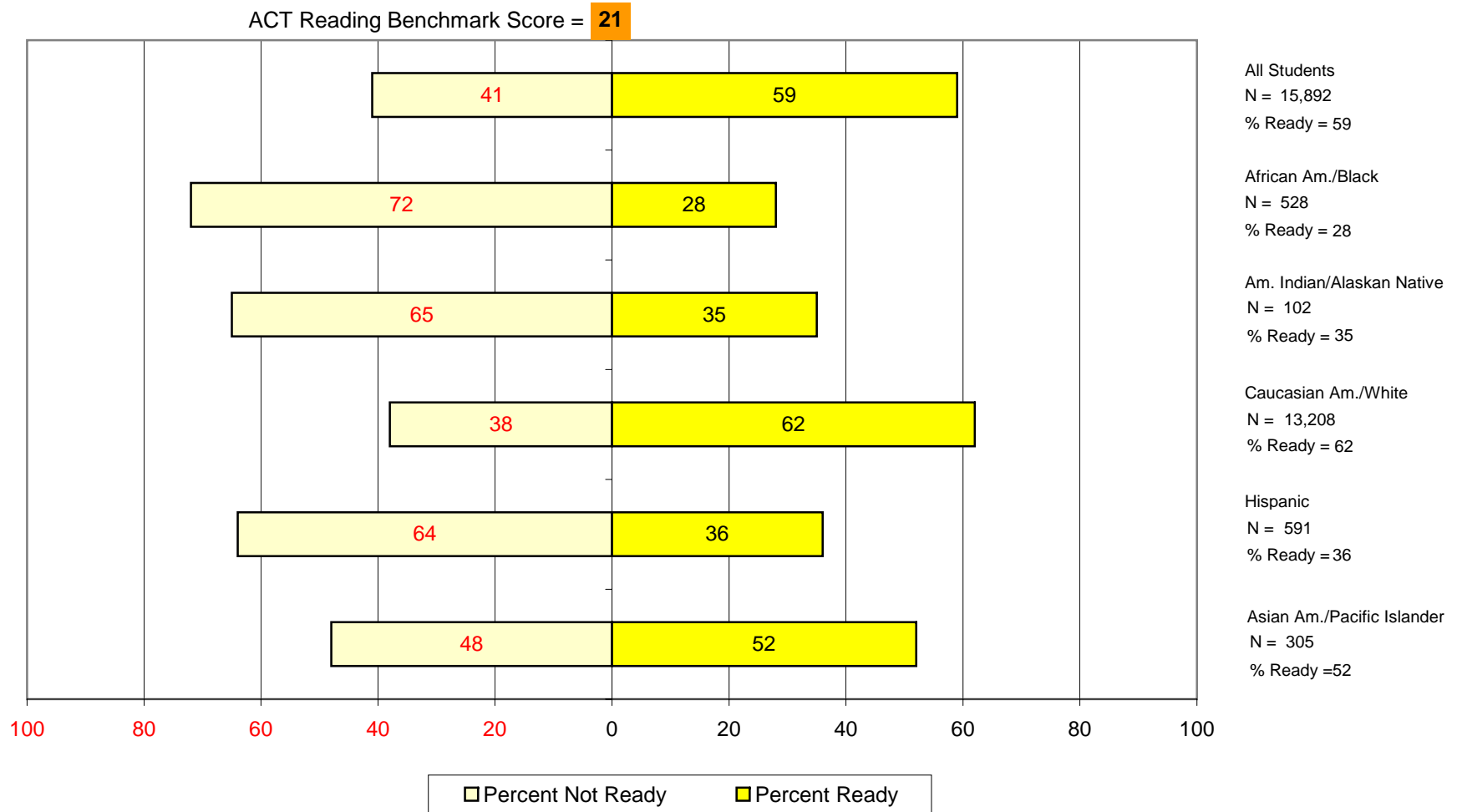


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

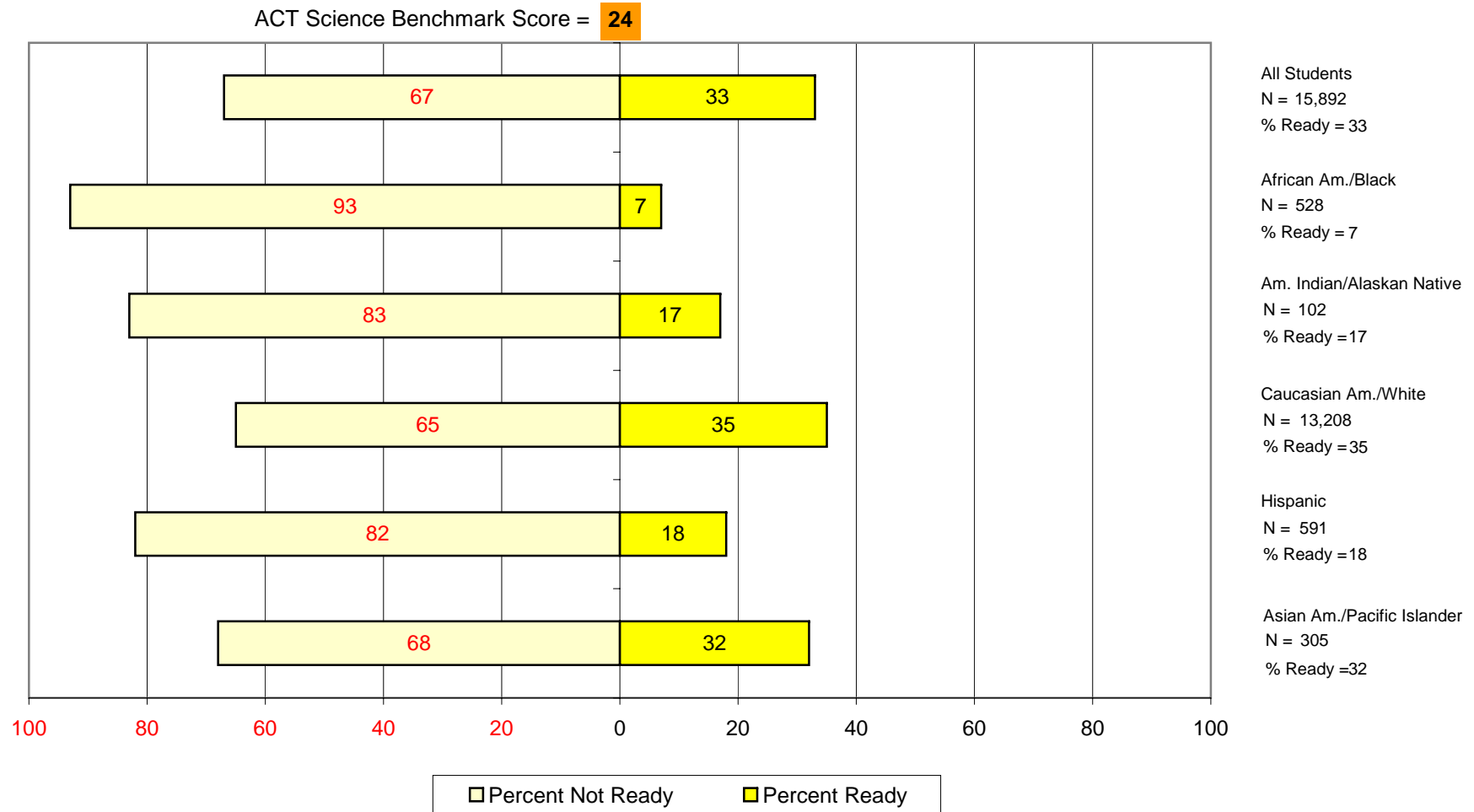


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

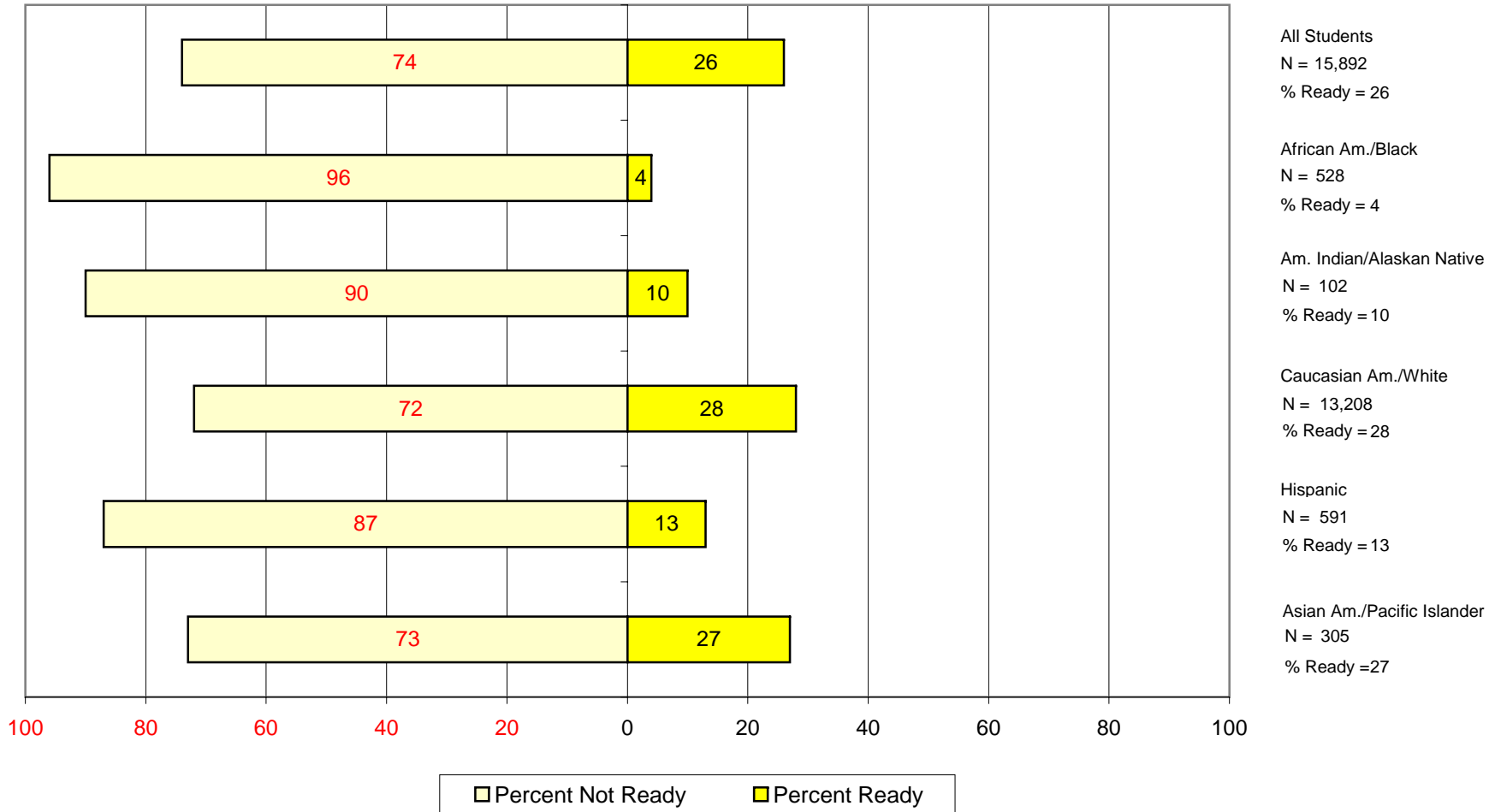


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	6,970	44	22.7	2.4	2,980	41	22.4	2.3	3,927	48	22.9	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,239	39	20.7	0.4	2,976	41	20.4	0.3	3,137	38	21.1	0.6
Less than 4 years of English	1,399	9	20.3	-	730	10	20.1	-	638	8	20.5	-
No English course/grade information reported	1,284	8	21.0	-	619	8	20.7	-	558	7	21.1	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	987	6	25.0	6.9	478	7	25.7	6.9	498	6	24.3	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,377	9	22.1	4.0	532	7	23.0	4.2	827	10	21.5	4.0
Alg 1, Alg 2, Geom, & Trig	1,309	8	21.2	3.1	619	8	21.8	3.0	673	8	20.6	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	2,908	18	20.5	2.4	1,164	16	21.2	2.4	1,693	20	20.1	2.6
Other comb of 4 or more years of Math	3,981	25	24.7	6.6	2,012	28	25.5	6.7	1,930	23	23.9	6.4
Alg 1, Alg 2, & Geom (Min. Core)	2,171	14	18.4	0.3	963	13	19.0	0.2	1,163	14	17.9	0.4
Other comb of 3 or 3.5 years of Math	606	4	21.2	3.1	307	4	21.9	3.1	292	4	20.6	3.1
Less than 3 years of Math	1,215	8	18.1	-	580	8	18.8	-	601	7	17.5	-
No Math course/grade information reported	1,338	8	21.0	-	650	9	21.9	-	583	7	20.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	297	2	23.5	2.3	129	2	22.0	0.9	156	2	24.8	3.5
Other comb of 4 or more years Social Science	6,730	42	22.7	1.5	2,958	40	22.7	1.6	3,677	45	22.8	1.5
US Hist, World Hist, & Am Gov (Min. Core)	875	6	21.6	0.4	459	6	21.1	0.0	407	5	22.1	0.8
Other comb of 3 or 3.5 years of Social Science	4,839	30	22.1	0.9	2,184	30	22.1	1.0	2,594	31	22.2	0.9
Less than 3 years of Social Science	1,792	11	21.2	-	909	12	21.1	-	842	10	21.3	-
No Soc Sci course/grade information reported	1,359	9	21.8	-	666	9	21.8	-	584	7	21.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	5,717	36	23.1	3.3	2,859	39	23.9	4.0	2,786	34	22.3	2.7
Bio, Chem, Phys	1,525	10	22.6	2.8	691	9	23.6	3.7	810	10	21.7	2.1
Gen Sci ² , Bio, Chem (Min. Core)	4,354	27	21.2	1.4	1,654	23	21.6	1.7	2,633	32	21.0	1.4
Other comb of 3 years of Natural Science	462	3	21.4	1.6	259	4	22.1	2.2	198	2	20.5	0.9
Less than 3 years of Natural Science	2,421	15	19.8	-	1,155	16	19.9	-	1,218	15	19.6	-
No Nat Sci course/grade information reported	1,413	9	21.4	-	687	9	22.1	-	615	7	20.7	-

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	6,970	44	22.7	83	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,239	39	20.7	71	668,226	55	20.4	67
Less than 4 years of English	1,399	9	20.3	68	115,551	10	19.4	62
No English course/grade information reported	1,284	8	21.0	72	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	987	6	25.0	79	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,377	9	22.1	54	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	1,309	8	21.2	45	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	2,908	18	20.5	39	153,394	13	20.3	37
Other comb of 4 or more years of Math	3,981	25	24.7	74	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	2,171	14	18.4	18	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	606	4	21.2	45	54,965	5	20.6	40
Less than 3 years of Math	1,215	8	18.1	19	131,567	11	17.9	18
No Math course/grade information reported	1,338	8	21.0	41	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	297	2	23.5	66	31,335	3	22.7	60
Other comb of 4 or more years Social Science	6,730	42	22.7	63	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	875	6	21.6	54	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	4,839	30	22.1	58	325,879	27	21.3	52
Less than 3 years of Social Science	1,792	11	21.2	51	179,270	15	20.5	46
No Soc Sci course/grade information reported	1,359	9	21.8	55	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	5,717	36	23.1	45	320,821	27	22.3	38
Bio, Chem, Phys	1,525	10	22.6	42	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	4,354	27	21.2	25	339,689	28	20.2	19
Other comb of 3 years of Natural Science	462	3	21.4	29	32,330	3	20.5	24
Less than 3 years of Natural Science	2,421	15	19.8	16	234,307	19	19.1	14
No Nat Sci course/grade information reported	1,413	9	21.4	31	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	396	2	20.2	94	8	18.3	281	2	20.9
Architecture & Environmental Design	396	2	22.1	36	3	18.6	346	3	22.6
Business & Management	1,249	8	21.7	66	6	18.7	1,144	9	22.0
Business & Office	110	1	20.7	20	2	17.3	83	1	21.6
Marketing & Distribution	122	1	21.2	4	0	17.3	112	1	21.6
Communications & Comm. Technologies	317	2	22.3	19	2	18.2	281	2	22.6
Community & Personal Services	451	3	19.3	78	7	18.2	344	3	19.7
Computer & Information Sciences	328	2	23.3	33	3	20.5	286	2	23.6
Cross-Disciplinary Studies	7	0	26.7	1	0	19.0	6	0	28.0
Education	643	4	21.6	13	1	17.5	602	5	21.7
Teacher Education	430	3	20.7	9	1	16.6	400	3	20.9
Engineering	495	3	24.2	38	3	18.1	438	3	24.9
Engineering-Related Technologies	322	2	22.8	35	3	18.6	279	2	23.4
Foreign Languages	79	0	24.1	2	0	20.0	76	1	24.2
Health Sciences & Allied Health Fields	2,618	16	21.7	153	13	18.2	2,348	19	22.1
Human, Family & Consumer Science	159	1	19.4	27	2	17.0	119	1	20.0
Letters	73	0	25.0	2	0	20.0	68	1	25.1
Mathematics	63	0	25.1	1	0	12.0	62	0	25.3
Philosophy, Religion & Theology	85	1	23.8	4	0	19.8	78	1	24.1
Sciences (Biological & Physical)	599	4	24.4	7	1	18.1	584	5	24.6
Social Sciences	845	5	22.7	10	1	19.2	808	6	22.8
Trade & Industrial	298	2	19.7	176	15	19.2	109	1	20.5
Visual & Performing Arts	784	5	22.2	72	6	18.8	669	5	22.6
Undecided	1,793	11	22.2	120	10	17.8	1,523	12	22.7
No Response	3,230	20	21.7	140	12	17.3	1,558	12	22.3

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	221	18.7	8	14.3	3	14.7	184	19.0	5	16.2	3	21.0	18	18.2
2-yr College Degree	939	18.2	29	14.7	11	16.5	778	18.5	42	16.5	11	17.5	68	17.6
Bachelors Degree	6,387	21.3	169	17.4	35	17.8	5,578	21.6	169	19.0	92	20.6	344	20.7
Graduate Study	2,453	23.7	86	18.8	15	21.7	2,089	24.1	58	20.8	40	21.8	165	23.2
Prof. Level Degree	3,764	23.5	157	18.8	24	20.3	3,020	23.9	177	20.6	121	23.2	265	23.1
Other	472	19.1	29	15.5	2	14.0	368	19.6	24	16.7	7	19.1	42	19.0
No Response	1,656	21.5	50	17.4	12	19.2	1,191	22.0	116	17.4	31	22.6	256	21.6

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 NEBRASKA AT LINCOLN	Nebraska	7,776	3,412	4,364	0	3	20	35	26	14	1
UNIVERSITY OF NEBRASKA AT OMAHA	Nebraska	5,171	1,698	3,473	1	6	24	36	23	10	1
UNIVERSITY OF NEBRASKA AT KEARNEY	Nebraska	3,178	818	2,360	1	5	27	38	22	7	0
CREIGHTON UNIVERSITY	Nebraska	1,937	512	1,425	1	4	15	29	30	19	2
WAYNE STATE COLLEGE	Nebraska	1,719	448	1,271	1	7	31	36	20	6	0
NEBRASKA WESLEYAN UNIVERSITY	Nebraska	1,541	322	1,219	0	3	16	35	29	17	1
SOUTHEAST COMM COLL-LINCOLN CAMPUS	Nebraska	1,504	430	1,074	1	9	35	39	14	2	0
DOANE COLLEGE	Nebraska	1,037	215	822	0	5	22	36	24	13	1
METROPOLITAN COMMUNITY COLLEGE-NE	Nebraska	954	253	701	3	16	36	32	10	3	0
HASTINGS COLLEGE	Nebraska	892	166	726	1	5	26	37	23	9	1
CHADRON STATE COLLEGE	Nebraska	774	255	519	1	7	30	35	20	8	0
IOWA STATE UNIVERSITY	Iowa	649	91	558	0	3	12	28	29	26	2
NORTHEAST COMMUNITY COLLEGE	Nebraska	629	250	379	2	11	41	32	11	3	0
KANSAS STATE UNIVERSITY	Kansas	545	94	451	1	2	15	32	31	18	1
PERU STATE COLLEGE	Nebraska	529	123	406	1	10	35	34	16	4	0
SOUTHEAST COMM COLL-MILFORD CAMPUS	Nebraska	520	189	331	2	12	39	31	13	2	0
UNIVERSITY OF KANSAS	Kansas	517	81	436	0	3	9	35	33	17	2
MIDLAND LUTHERAN COLLEGE	Nebraska	499	129	370	1	6	28	35	22	8	1
CONCORDIA UNIVERSITY-NE	Nebraska	474	113	361	0	4	24	34	25	11	1
NORTHWEST MISSOURI ST UNIV	Missouri	464	135	329	0	6	23	35	26	9	0
DANA COLLEGE	Nebraska	439	81	358	0	9	28	35	19	7	1
BELLEVUE UNIVERSITY	Nebraska	408	74	334	3	19	37	30	10	2	0
CENTRAL COMMUNITY COLLEGE-HASTINGS	Nebraska	403	123	280	1	14	40	33	10	2	0
UNIVERSITY OF WYOMING	Wyoming	329	108	221	1	5	19	36	29	9	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	324	72	252	1	3	23	40	26	6	1
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	265	78	187	0	3	20	35	31	9	1
SOUTHEAST COMM COLL-BEATRICE CAMPUS	Nebraska	264	93	171	3	11	38	32	13	2	0
COLORADO STATE UNIVERSITY	Colorado	263	48	215	0	2	16	35	30	16	0
CENTRAL COMMUNITY COLLEGE-GRAND ISLAND	Nebraska	259	89	170	1	11	39	36	11	2	0
WESTERN NEBRASKA COMM COLL	Nebraska	252	106	146	2	12	38	31	14	3	0
All Other Institutions		14,207	3,184	11,023	1	6	20	30	23	16	3
Total		48,722	13,790	34,932	1	6	23	34	23	12	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	2,194	430,404	24.8	22.4	7.9	7.7	23.9	22.0
African Am./Black	85	38,583	19.6	17.5	7.2	6.8	19.5	17.6
Am. Indian/Alaskan Native	13	2,803	16.1	19.8	6.6	7.1	16.2	19.6
Caucasian Am./White	1,747	269,428	25.3	23.4	7.9	7.8	24.4	22.8
Hispanic	72	33,207	21.1	18.9	7.5	7.4	20.9	19.1
Asian Am./Pacific Islander	74	21,275	24.4	23.0	7.9	8.0	23.7	22.8
Other/No Response	203	65,108	24.9	22.8	7.9	7.9	24.0	22.5
Males	977	170,904	24.4	22.1	7.6	7.4	23.4	21.5
Females	1,168	240,056	25.3	22.6	8.1	7.9	24.4	22.3
Missing	49	19,444	23.3	22.1	7.8	7.8	22.7	21.9

