

ACT High School Profile Report

The Graduating Class of 2007
Nebraska



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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

27% 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. 16,137 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. 59% 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, 23% were college ready. 13% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 18% of these students were college ready. In comparison, 59% 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. 17% of these students were college ready. In comparison, 37% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES. Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 37% 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.

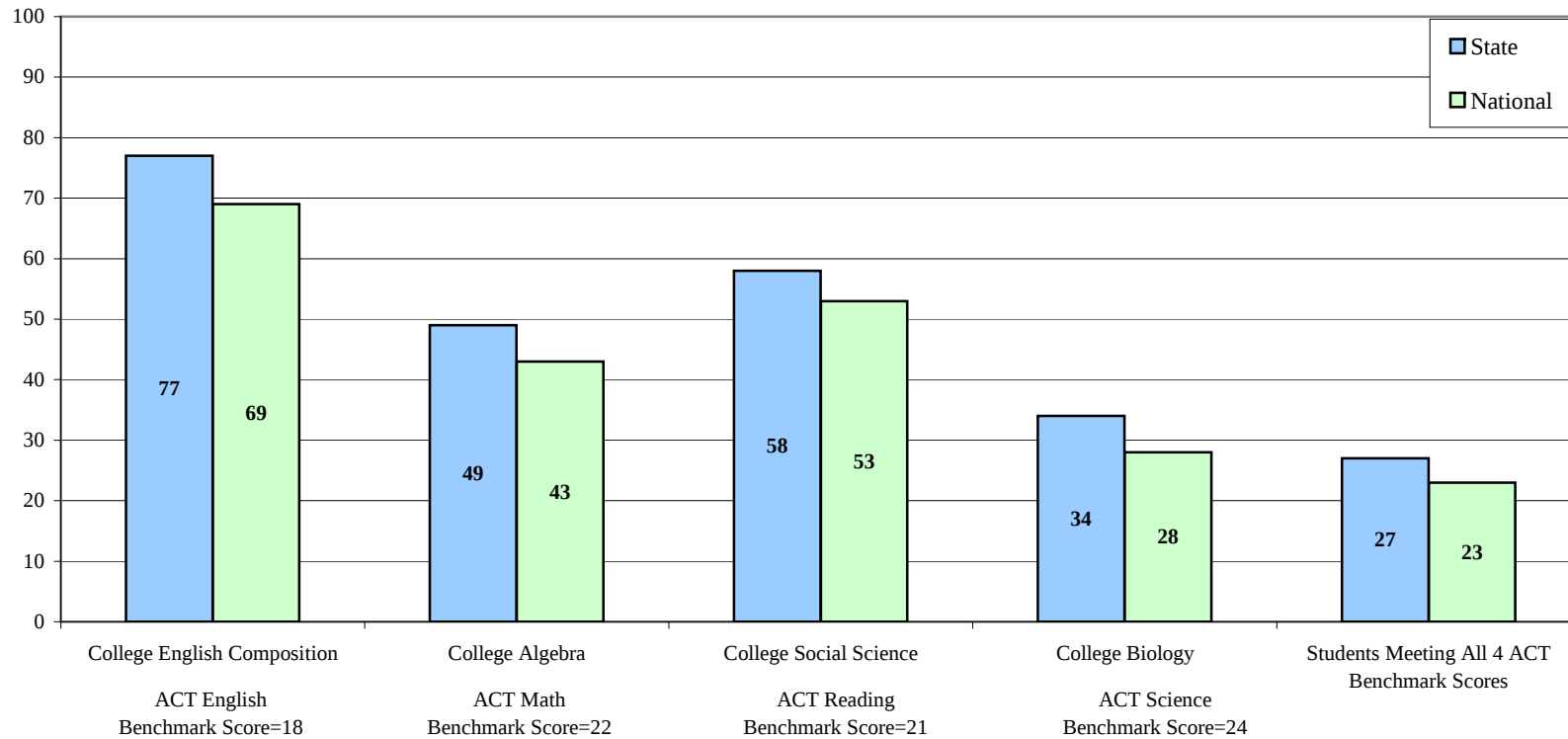
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	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
2007	16,137	1,300,599	77	69	49	43	58	53	34	28	27	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	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
2007	16,137	1,300,599	21.8	20.7	21.8	21.0	22.4	21.5	21.9	21.0	22.1	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									
					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	Core or More	Less than Core	Core or More	Less than Core
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
2007	9,539	4,458	59	28	22.7	19.8	22.6	20.1	23.2	20.8	22.6	20.5	22.9	20.4

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	16,646	100	21.7	16,523	100	21.7	16,220	100	21.8	15,892	100	21.9	16,137	100	22.1
African American/Black	496	3	17.7	477	3	17.7	492	3	17.6	528	3	17.7	508	3	17.9
American Indian/Alaska Native	91	1	19.1	96	1	18.7	97	1	19.1	102	1	18.8	96	1	19.1
Caucasian American/White	14,503	87	22.0	14,268	86	22.0	13,797	85	22.1	13,208	83	22.3	12,839	80	22.4
Hispanic	453	3	19.1	542	3	18.7	574	4	18.7	591	4	19.0	585	4	19.2
Asian American/Pacific Islander	257	2	21.7	278	2	21.5	300	2	21.5	305	2	21.9	292	2	22.7
Other/No Response	846	5	21.3	862	5	21.4	960	6	21.4	1,158	7	21.5	1,817	11	22.1

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	31	100	39	100	70	100	55	100	5	100	36
35	190	100	84	100	173	100	146	100	42	100	35
34	337	99	149	99	262	98	55	99	85	100	34
33	251	97	129	98	320	97	149	98	150	99	33
32	209	95	250	98	404	95	121	97	222	98	32
31	393	94	243	96	487	92	186	97	307	97	31
30	301	91	273	94	499	89	266	96	397	95	30
29	349	89	529	93	524	86	243	94	467	93	29
28	671	87	434	89	641	83	385	92	575	90	28
27	485	83	725	87	734	79	634	90	688	86	27
26	624	80	919	82	682	75	970	86	851	82	26
25	1,079	76	1,075	77	707	70	977	80	928	77	25
24	841	70	1,112	70	988	66	1,261	74	1,169	71	24
23	903	64	1,033	63	1,244	60	1,212	66	1,134	64	23
22	1,240	59	990	57	787	52	1,814	59	1,366	56	22
21	1,365	51	1,021	51	859	47	1,508	47	1,382	48	21
20	1,368	43	1,018	44	1,481	42	1,714	38	1,396	39	20
19	1,082	34	1,130	38	903	33	1,114	28	1,246	31	19
18	706	27	1,060	31	717	27	1,100	21	1,095	23	18
17	661	23	1,258	24	879	23	655	14	825	16	17
16	840	19	1,413	17	803	17	402	10	688	11	16
15	635	14	773	8	595	12	360	7	439	7	15
14	530	10	353	3	487	9	242	5	327	4	14
13	284	6	81	1	417	6	161	4	214	2	13
12	250	5	34	1	287	3	167	3	97	1	12
11	192	3	6	1	107	1	117	1	32	1	11
10	129	2	4	1	50	1	85	1	8	1	10
9	79	1	1	1	18	1	24	1	2	1	9
8	71	1	0	1	7	1	9	1	0	1	8
7	29	1	1	1	2	1	4	1	0	1	7
6	9	1	0	1	0	1	1	1	0	1	6
5	3	1	0	1	3	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.8 (5.7)		21.8 (5.0)		22.4 (5.8)		21.9 (4.6)		22.1 (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	462	100	142	100	270	100	473	100	593	100	114	100	133	100	18
17	894	97	396	99	1,090	98	873	97	731	96	185	99	169	99	17
16	690	92	959	97	940	92	1,161	92	963	92	353	98	374	98	16
15	646	87	1,336	91	1,081	86	1,290	84	1,051	86	898	96	1,307	96	15
14	1,232	83	1,106	82	1,085	79	1,404	76	1,525	79	1,116	90	1,216	88	14
13	1,277	76	1,394	76	1,180	72	1,405	68	1,574	70	2,101	83	1,784	80	13
12	1,460	68	1,958	67	2,423	65	1,502	59	1,552	60	1,836	70	1,751	69	12
11	1,596	59	2,475	55	1,718	50	1,365	50	1,448	50	1,918	59	2,076	58	11
10	2,093	49	1,827	39	1,483	39	1,531	41	1,911	42	3,104	47	2,450	45	10
9	1,580	36	1,442	28	1,513	30	1,284	32	1,146	30	1,777	28	1,914	30	9
8	1,403	26	1,469	19	1,584	21	1,077	24	1,445	23	1,200	17	1,228	18	8
7	1,027	17	735	10	775	11	909	17	1,483	14	652	10	856	11	7
6	747	11	405	6	515	6	1,072	12	488	4	429	5	373	5	6
5	589	6	268	3	230	3	433	5	138	1	277	3	181	3	5
4	264	3	163	1	152	2	279	2	56	1	51	1	174	2	4
3	132	1	47	1	72	1	46	1	22	1	107	1	96	1	3
2	44	1	15	1	22	1	33	1	8	1	1	1	29	1	2
1	1	1	0	1	4	1	0	1	3	1	18	1	26	1	1
Avg (SD)	10.9 (3.5)		11.3 (3.0)		11.5 (3.3)		11.4 (3.6)		11.5 (3.3)		10.9 (2.7)		10.9 (2.9)		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	25	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	16,137	59	22.9	20.4
	African Am./Black	508	64	18.3	17.2
	Am. Indian/Alaska Native	96	59	19.7	18.8
	Caucasian Am./White	12,839	62	23.2	20.6
	Hispanic	585	55	20.1	18.2
	Asian Am./Pacific Islander	292	65	23.3	21.1
	Other/No Response	1,817	39	22.8	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	21.8	21.8	22.4	21.9	22.1
	African Am./Black	17.1	17.7	18.3	17.9	17.9
	Am. Indian/Alaska Native	18.3	18.8	19.5	19.3	19.1
	Caucasian Am./White	22.1	22.1	22.7	22.2	22.4
	Hispanic	18.4	18.9	19.5	19.3	19.2
	Asian Am./Pacific Islander	22.2	23.2	22.5	22.4	22.7
	Other/No Response	21.7	21.7	22.5	21.9	22.1
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	809	5	401	2	825	5	405	3
	28 to 32	1,923	12	1,729	11	2,555	16	1,201	7
	24 to 27	3,029	19	3,831	24	3,111	19	3,842	24
	20 to 23	4,876	30	4,062	25	4,371	27	6,248	39
	16 to 19	3,289	20	4,861	30	3,302	20	3,271	20
	13 to 15	1,449	9	1,207	7	1,499	9	763	5
	01 to 12	762	5	46	0	474	3	407	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	7,193	45	21.4	22.6	22.2	22.6	22.3
	Females	8,100	50	22.1	21.1	22.5	21.4	21.9
	Missing	844	5	21.8	21.8	22.6	21.8	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	75	56	57	40	31
	Females	78	44	59	29	24
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

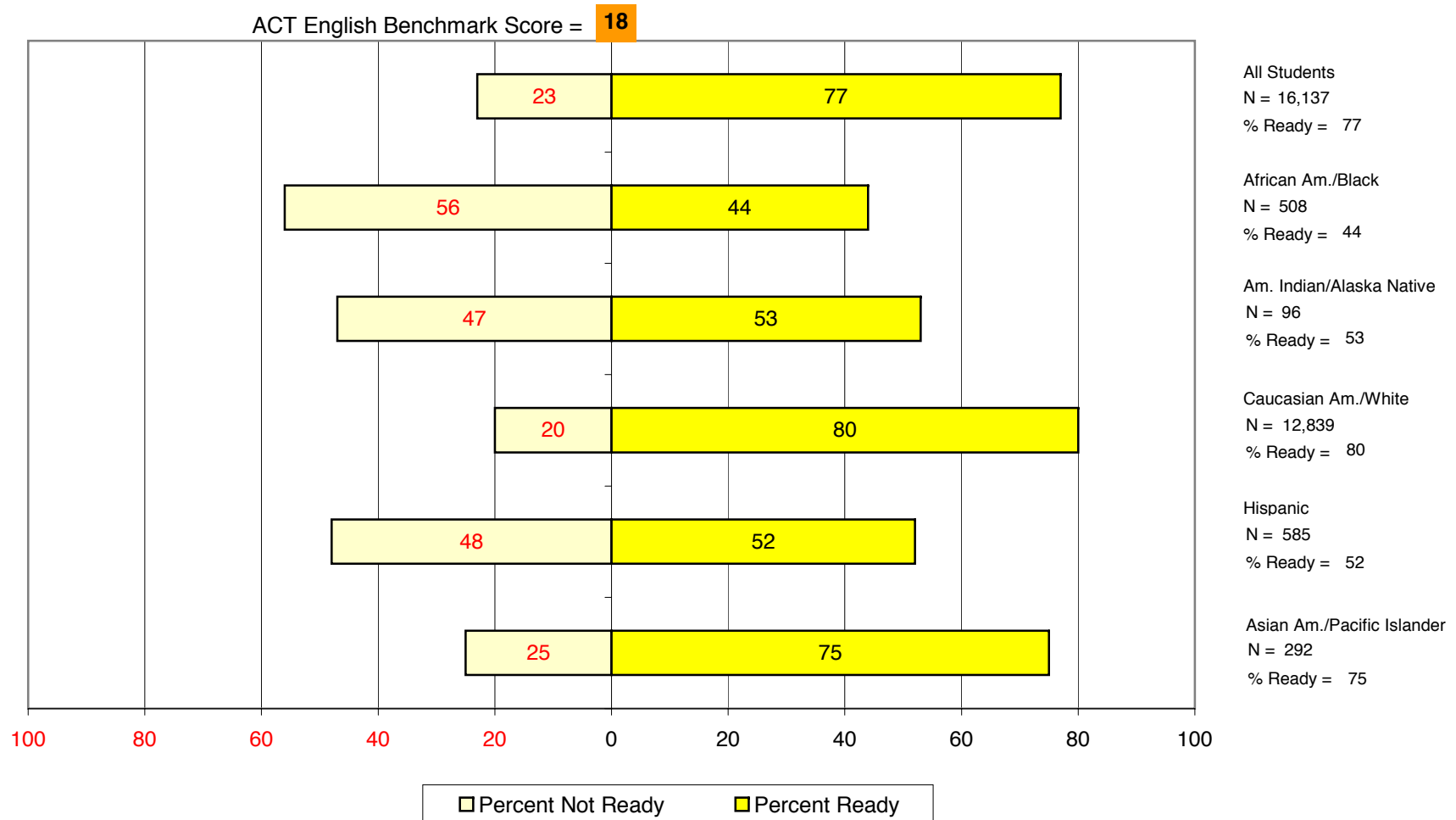


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

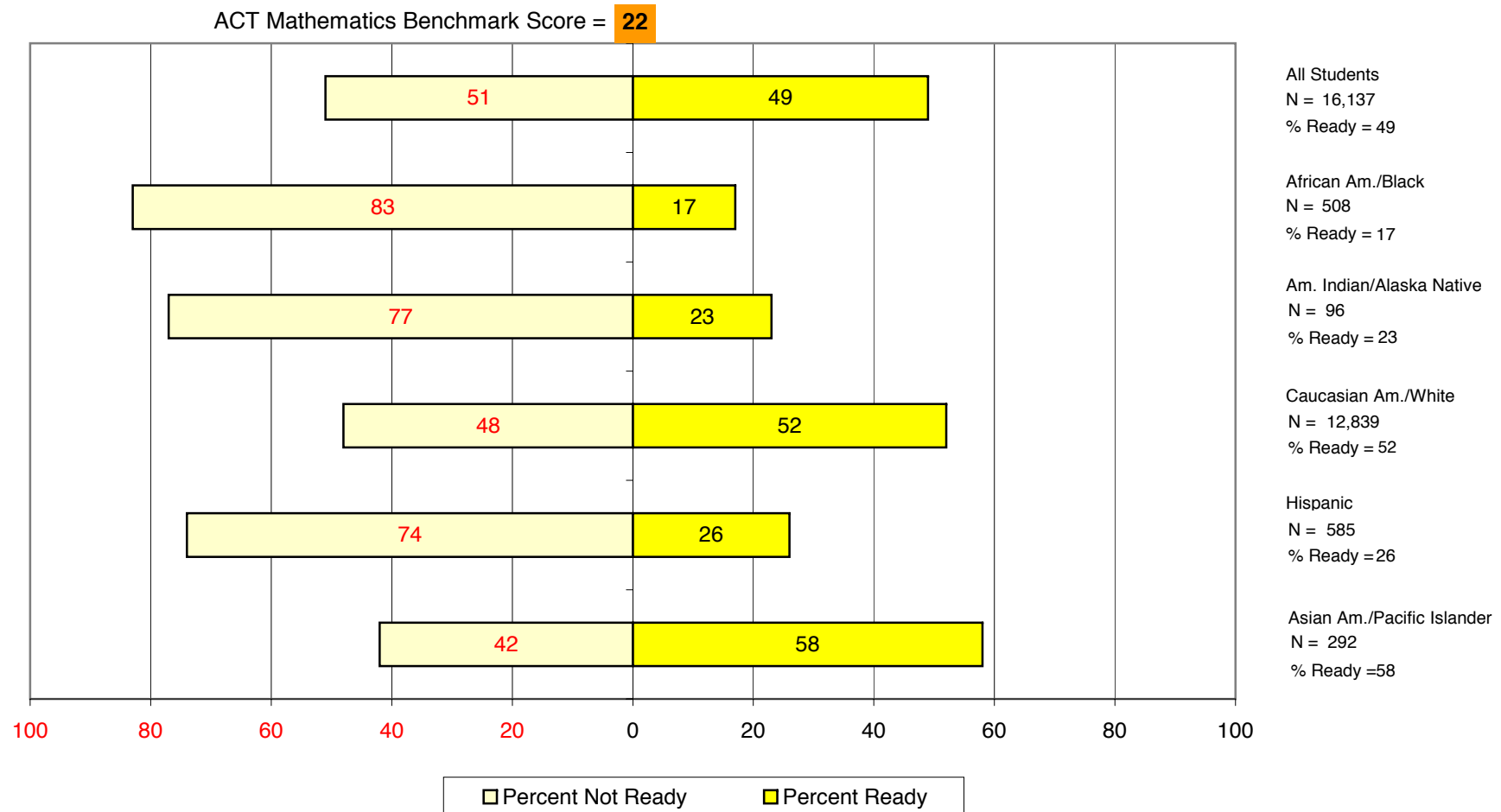


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

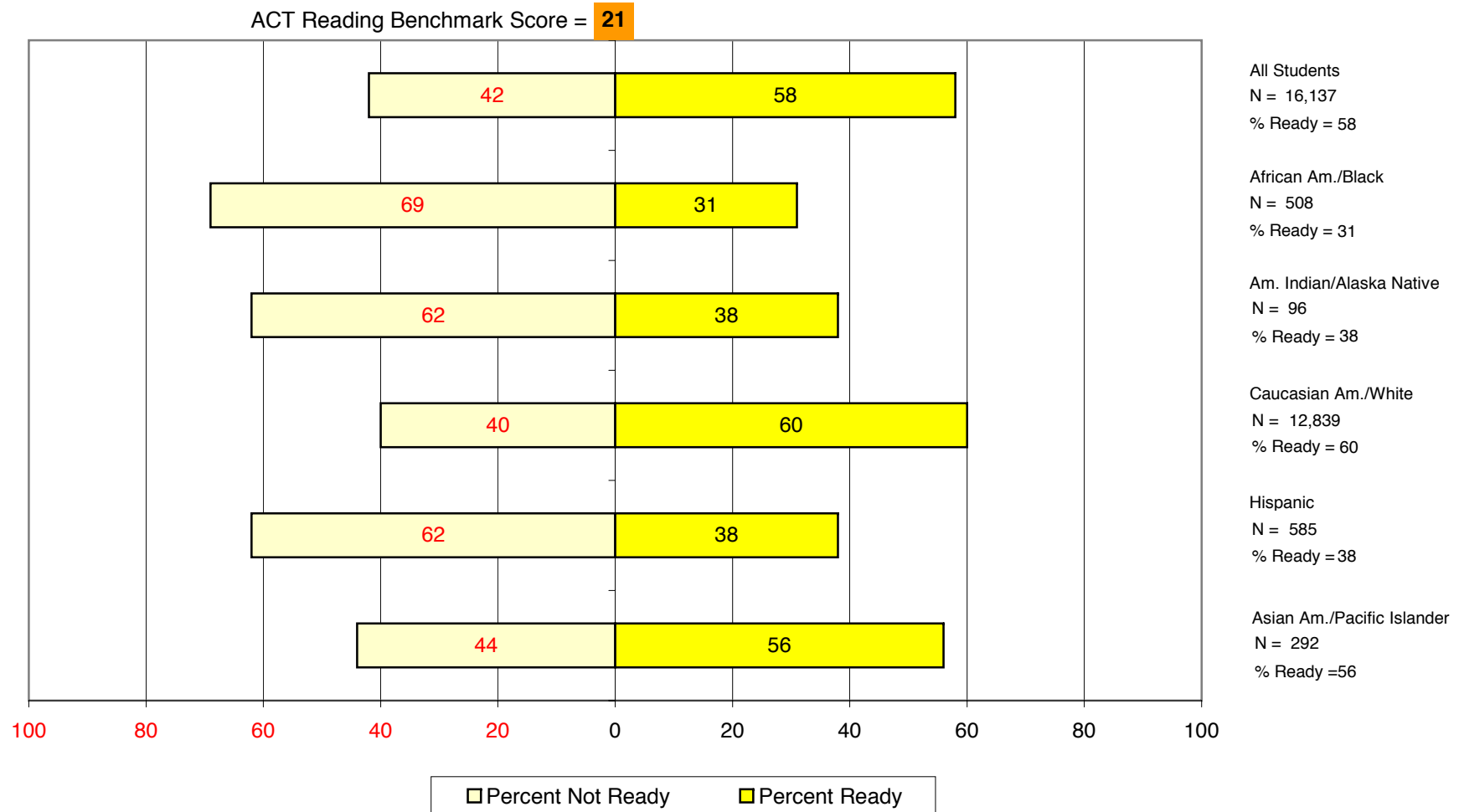


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

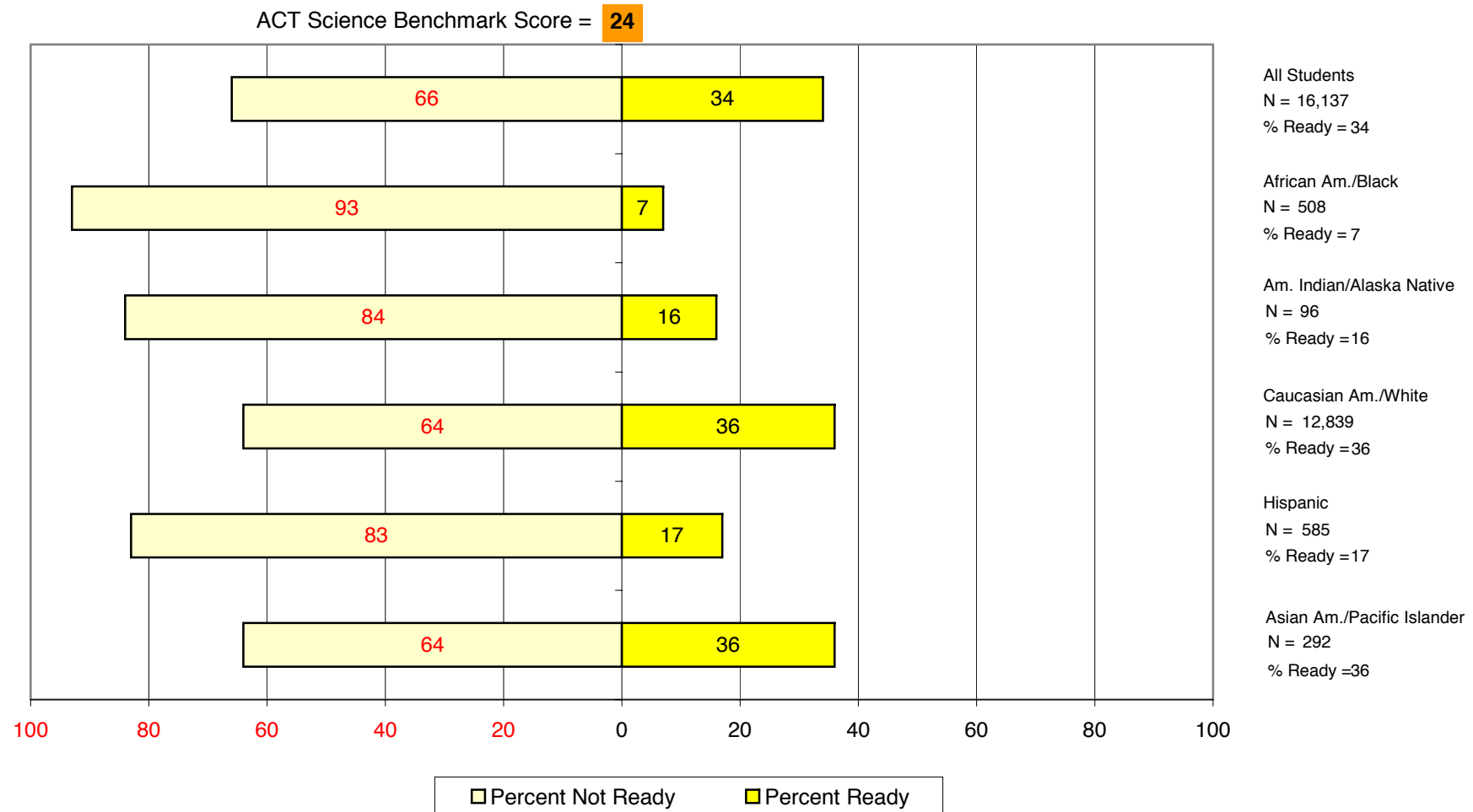


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

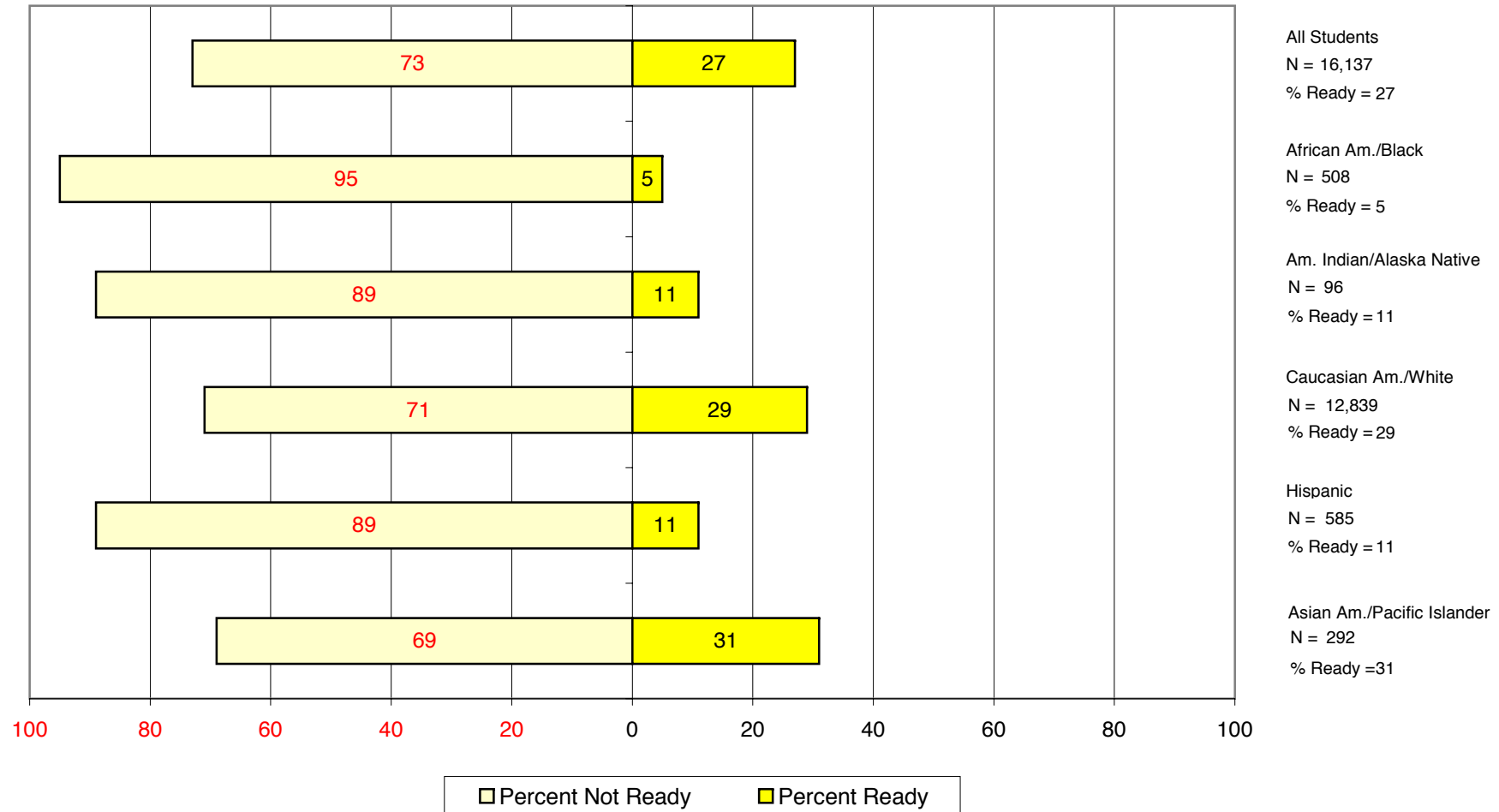


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	3,584	22	23.3	2.5	1,356	19	23.1	2.7	2,143	26	23.5	2.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	8,795	55	21.3	0.5	4,193	58	21.0	0.6	4,348	54	21.7	0.4
Less than 4 years of English	1,571	10	20.8	-	741	10	20.4	-	758	9	21.3	-
No English course/grade information reported	2,187	14	21.7	-	903	13	21.2	-	851	11	21.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,180	7	25.2	6.7	544	8	26.1	7.1	600	7	24.5	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,265	8	22.6	4.1	534	7	23.5	4.5	701	9	22.0	4.1
Alg 1, Alg 2, Geom, & Trig	1,362	8	21.2	2.7	623	9	21.8	2.8	697	9	20.7	2.8
Alg 1, Alg 2, Geom, & Other Adv Math	2,573	16	20.6	2.1	1,008	14	21.5	2.5	1,499	19	20.1	2.2
Other comb of 4 or more years of Math	3,495	22	24.8	6.3	1,698	24	25.6	6.6	1,726	21	24.1	6.2
Alg 1, Alg 2, & Geom (Min. Core)	2,077	13	18.4	-0.1	936	13	19.0	0.0	1,066	13	17.8	-0.1
Other comb of 3 or 3.5 years of Math	581	4	21.9	3.4	280	4	22.6	3.6	278	3	21.1	3.2
Less than 3 years of Math	1,329	8	18.5	-	625	9	19.0	-	641	8	17.9	-
No Math course/grade information reported	2,275	14	21.6	-	945	13	22.2	-	892	11	20.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	296	2	23.2	1.9	124	2	21.9	0.8	161	2	24.0	2.4
Other comb of 4 or more years Social Science	6,350	39	22.9	1.6	2,700	38	22.9	1.8	3,477	43	22.9	1.3
US Hist, World Hist, & Am Gov (Min. Core)	897	6	21.9	0.6	477	7	21.7	0.6	396	5	22.2	0.6
Other comb of 3 or 3.5 years of Social Science	4,451	28	22.2	0.9	2,007	28	21.9	0.8	2,338	29	22.5	0.9
Less than 3 years of Social Science	1,845	11	21.3	-	925	13	21.1	-	833	10	21.6	-
No Soc Sci course/grade information reported	2,298	14	22.2	-	960	13	22.0	-	895	11	22.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	5,369	33	23.2	3.4	2,610	36	23.9	3.7	2,628	32	22.5	3.0
Bio, Chem, Phys	1,491	9	23.2	3.4	677	9	24.1	3.9	779	10	22.4	2.9
Gen Sci ² , Bio, Chem (Min. Core)	4,145	26	21.2	1.4	1,593	22	21.8	1.6	2,436	30	20.9	1.4
Other comb of 3 years of Natural Science	462	3	21.4	1.6	261	4	21.8	1.6	179	2	20.9	1.4
Less than 3 years of Natural Science	2,341	15	19.8	-	1,075	15	20.2	-	1,177	15	19.5	-
No Nat Sci course/grade information reported	2,329	14	21.8	-	977	14	22.4	-	901	11	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	3,584	22	23.3	84	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	8,795	55	21.3	75	766,001	59	20.5	68
Less than 4 years of English	1,571	10	20.8	71	141,777	11	19.7	64
No English course/grade information reported	2,187	14	21.7	77	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,180	7	25.2	80	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,265	8	22.6	58	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	1,362	8	21.2	45	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	2,573	16	20.6	40	163,562	13	20.4	38
Other comb of 4 or more years of Math	3,495	22	24.8	74	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	2,077	13	18.4	18	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	581	4	21.9	49	57,945	4	20.9	43
Less than 3 years of Math	1,329	8	18.5	23	145,617	11	18.3	21
No Math course/grade information reported	2,275	14	21.6	50	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	296	2	23.2	61	31,985	2	22.7	61
Other comb of 4 or more years Social Science	6,350	39	22.9	61	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	897	6	21.9	54	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	4,451	28	22.2	57	333,689	26	21.4	52
Less than 3 years of Social Science	1,845	11	21.3	52	201,605	16	20.6	47
No Soc Sci course/grade information reported	2,298	14	22.2	57	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	5,369	33	23.2	45	333,648	26	22.4	40
Bio, Chem, Phys	1,491	9	23.2	46	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	4,145	26	21.2	26	353,348	27	20.2	20
Other comb of 3 years of Natural Science	462	3	21.4	28	32,593	3	20.4	24
Less than 3 years of Natural Science	2,341	15	19.8	17	247,312	19	19.1	15
No Nat Sci course/grade information reported	2,329	14	21.8	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	343	2	20.7	71	7	18.2	252	2	21.5
Architecture & Environmental Design	386	2	22.0	31	3	18.9	336	3	22.3
Business & Management	1,057	7	21.8	56	5	17.2	953	8	22.2
Business & Office	62	0	20.5	11	1	18.5	48	0	20.9
Marketing & Distribution	88	1	21.2	0	0	.	85	1	21.1
Communications & Comm. Technologies	308	2	22.4	22	2	17.8	277	2	22.9
Community & Personal Services	368	2	19.6	60	6	18.7	283	2	20.0
Computer & Information Sciences	291	2	23.2	33	3	18.5	244	2	24.0
Cross-Disciplinary Studies	5	0	27.0	0	0	.	5	0	27.0
Education	604	4	21.6	17	2	18.1	559	5	21.7
Teacher Education	367	2	20.9	11	1	16.0	341	3	21.2
Engineering	481	3	24.2	34	3	17.9	435	4	24.8
Engineering-Related Technologies	300	2	23.4	30	3	18.9	258	2	24.0
Foreign Languages	70	0	25.8	0	0	.	69	1	25.7
Health Sciences & Allied Health Fields	2,396	15	22.1	143	14	17.7	2,184	18	22.4
Human, Family & Consumer Science	152	1	19.5	22	2	17.0	123	1	19.9
Letters	55	0	25.7	0	0	.	53	0	25.9
Mathematics	74	0	26.0	0	0	.	73	1	26.1
Philosophy, Religion & Theology	72	0	22.8	1	0	23.0	65	1	22.8
Sciences (Biological & Physical)	575	4	24.4	5	0	19.0	554	5	24.5
Social Sciences	789	5	23.0	9	1	17.4	761	6	23.1
Trade & Industrial	227	1	19.4	145	14	19.0	73	1	20.0
Visual & Performing Arts	683	4	21.9	47	5	18.2	594	5	22.4
Undecided	2,229	14	21.6	166	16	18.5	1,883	16	22.0
No Response	4,155	26	22.2	110	11	18.8	1,410	12	22.5

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	203	18.4	5	17.2	0	.	172	18.6	6	16.2	2	22.0	18	17.6
2-yr College Degree	821	18.3	20	15.2	8	16.4	687	18.6	23	15.1	10	18.9	73	17.5
Bachelors Degree	6,155	21.3	157	17.3	43	18.2	5,251	21.5	190	19.1	68	20.8	446	20.9
Graduate Study	2,157	23.9	74	18.4	5	26.2	1,802	24.2	65	20.7	49	23.3	162	23.9
Prof. Level Degree	3,606	23.8	149	19.4	26	20.6	2,832	24.3	167	20.6	104	24.3	328	23.4
Other	403	19.4	22	16.3	3	18.7	304	19.9	17	16.1	10	20.3	47	18.7
No Response	2,792	22.1	81	16.8	11	18.0	1,791	22.5	117	17.6	49	22.7	743	22.6

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	7,994	3,735	4,259	0	3	18	35	26	15	2
UNIVERSITY OF NEBRASKA AT OMAHA	Nebraska	5,212	1,630	3,582	1	5	23	36	23	11	1
UNIVERSITY OF NEBRASKA AT KEARNEY	Nebraska	3,056	747	2,309	1	5	26	38	22	9	1
CREIGHTON UNIVERSITY	Nebraska	1,882	455	1,427	1	3	14	27	29	23	3
WAYNE STATE COLLEGE	Nebraska	1,811	439	1,372	1	7	30	38	18	6	0
NEBRASKA WESLEYAN UNIVERSITY	Nebraska	1,709	401	1,308	0	2	15	35	32	16	1
SOUTHEAST COMM COLL-LINCOLN CAMPUS	Nebraska	1,479	449	1,030	1	9	36	37	14	2	0
DOANE COLLEGE	Nebraska	1,092	217	875	1	4	22	38	25	10	1
METROPOLITAN COMMUNITY COLLEGE-NE	Nebraska	997	274	723	3	15	36	32	11	3	0
HASTINGS COLLEGE	Nebraska	903	173	730	0	5	26	36	21	11	0
CHADRON STATE COLLEGE	Nebraska	749	254	495	1	6	31	33	23	7	0
IOWA STATE UNIVERSITY	Iowa	653	116	537	0	2	12	27	30	24	4
NORTHEAST COMMUNITY COLLEGE	Nebraska	650	270	380	1	13	39	34	9	3	0
UNIVERSITY OF KANSAS	Kansas	552	100	452	0	1	12	31	31	21	3
PERU STATE COLLEGE	Nebraska	519	134	385	2	8	38	31	16	4	0
SOUTHEAST COMM COLL-MILFORD CAMPUS	Nebraska	492	162	330	1	10	39	38	11	1	0
KANSAS STATE UNIVERSITY	Kansas	488	74	414	0	3	12	33	30	20	2
MIDLAND LUTHERAN COLLEGE	Nebraska	486	110	376	0	7	26	37	21	7	1
NORTHWEST MISSOURI ST UNIV	Missouri	459	130	329	0	4	21	36	28	10	1
CENTRAL COMMUNITY COLLEGE-HASTINGS	Nebraska	392	143	249	1	13	42	32	11	1	0
CONCORDIA UNIVERSITY-NE	Nebraska	392	87	305	1	4	24	38	24	8	1
DANA COLLEGE	Nebraska	388	100	288	1	6	32	37	19	5	1
BELLEVUE UNIVERSITY	Nebraska	344	51	293	3	15	37	27	15	4	0
UNIVERSITY OF WYOMING	Wyoming	327	94	233	0	2	23	33	30	11	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	322	54	268	0	3	23	40	23	11	1
COLORADO STATE UNIVERSITY	Colorado	277	51	226	0	4	14	34	27	19	2
WESTERN NEBRASKA COMM COLL	Nebraska	270	120	150	1	10	38	30	18	3	0
CLARKSON COLLEGE	Nebraska	252	72	180	2	9	35	34	17	4	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	245	73	172	0	4	24	30	27	14	0
CENTRAL COMMUNITY COLLEGE-GRAND ISLAND	Nebraska	241	74	167	3	13	46	28	9	1	0
All Other Institutions		13,481	2,978	10,503	1	6	21	27	25	17	3
Total		48,114	13,767	34,347	1	5	23	33	24	13	2

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	State	National
All Students	2,352	532,943	24.9	22.3	7.8	7.6	23.9	21.8
African Am./Black	103	50,340	19.1	17.2	6.8	6.7	18.8	17.3
Am. Indian/Alaska Native	11	3,462	22.7	19.8	6.8	7.0	21.5	19.4
Caucasian Am./White	1,718	308,578	25.4	23.4	7.8	7.6	24.3	22.6
Hispanic	87	42,588	21.3	18.8	7.5	7.3	21.0	19.0
Asian Am./Pacific Islander	87	25,616	25.2	23.2	8.2	8.0	24.6	22.8
Other/No Response	346	102,359	25.0	23.2	7.9	7.8	24.1	22.7
Males	952	204,427	24.8	22.0	7.6	7.3	23.7	21.3
Females	1,245	285,556	25.0	22.5	7.9	7.7	24.1	22.1
Missing	155	42,960	24.3	23.0	7.9	7.8	23.6	22.6

