

ACT High School Profile Report

The Graduating Class of 2006
Illinois



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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

20% 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. 137,399 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. 41% 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 16% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 17% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 16% of these students were college ready. In comparison, 55% 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 24% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 31% 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 52% 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.

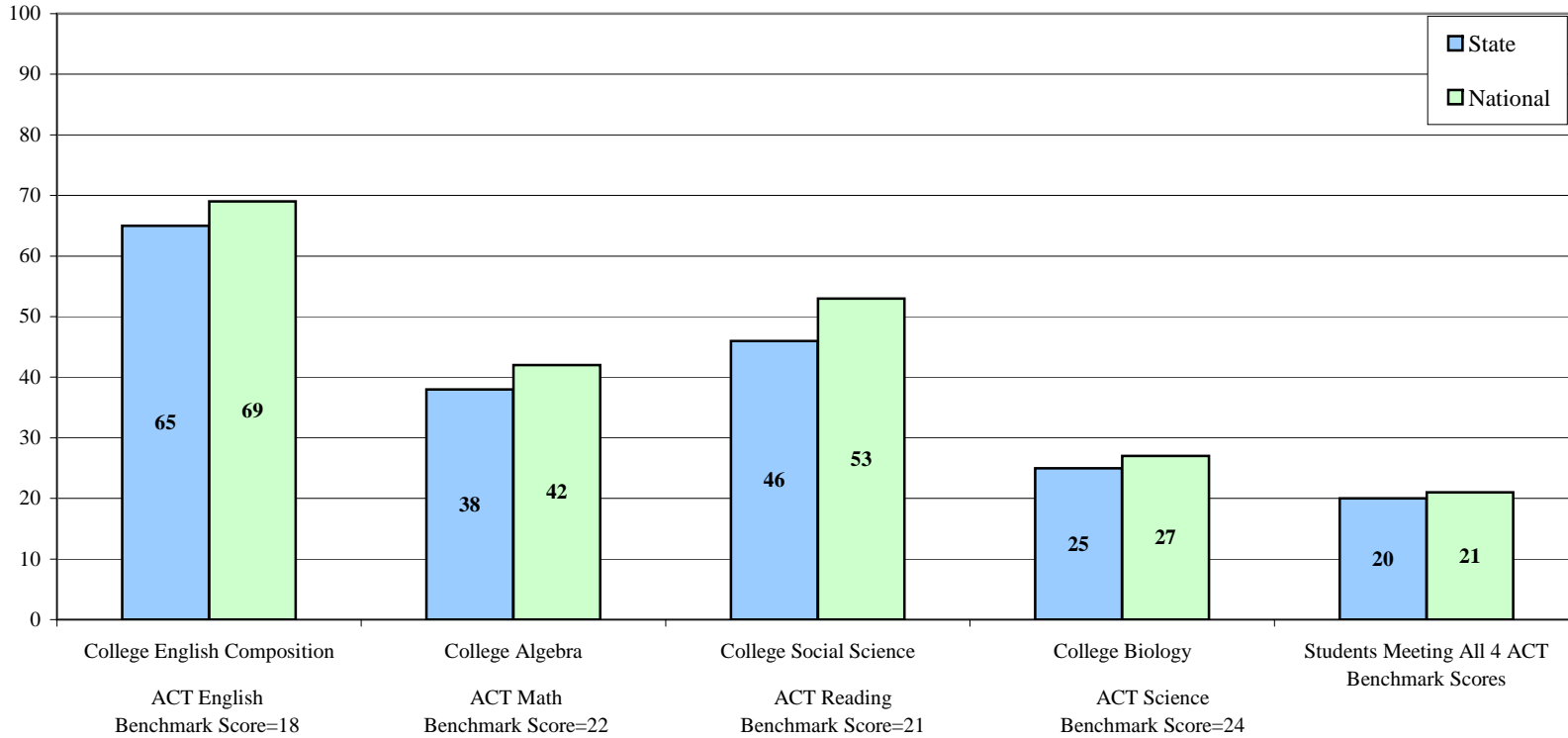
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 847-634-2560.

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	128,753	1,116,082	60	67	36	39	46	53	23	26	19	20
2003	134,505	1,175,059	61	67	37	40	47	52	24	26	19	20
2004	132,525	1,171,460	62	68	36	40	46	52	24	26	19	21
2005	135,967	1,186,251	63	68	38	41	45	51	25	26	20	21
2006	137,399	1,206,455	65	69	38	42	46	53	25	27	20	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	128,753	1,116,082	19.4	20.2	20.2	20.6	20.3	21.1	20.0	20.8	20.1	20.8
2003	134,505	1,175,059	19.6	20.3	20.2	20.6	20.4	21.2	20.1	20.8	20.2	20.8
2004	132,525	1,171,460	19.7	20.4	20.2	20.7	20.5	21.3	20.2	20.9	20.3	20.9
2005	135,967	1,186,251	19.9	20.4	20.2	20.7	20.3	21.3	20.4	20.9	20.3	20.9
2006	137,399	1,206,455	20.2	20.6	20.3	20.8	20.6	21.4	20.4	20.9	20.5	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	53,526	64,604	42	50	22.0	17.5	22.5	18.5	22.6	18.6	22.0	18.6	22.4	18.4
2003	55,057	65,235	41	49	22.2	17.7	22.5	18.5	22.6	18.7	22.2	18.6	22.5	18.5
2004	54,589	63,039	41	48	22.2	17.8	22.3	18.4	22.6	18.8	22.0	18.7	22.4	18.6
2005	55,892	62,027	41	46	22.4	17.9	22.5	18.5	22.4	18.6	22.2	18.9	22.5	18.6
2006	55,760	62,555	41	46	22.5	18.4	22.4	18.6	22.7	19.0	22.1	19.0	22.6	18.9

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	128,753	100	20.1	134,505	100	20.2	132,525	100	20.3	135,967	100	20.3	137,399	100	20.5
African American/Black	13,143	10	16.5	13,897	10	16.8	14,479	11	16.8	15,820	12	16.8	16,224	12	16.9
American Indian/Alaskan Native	616	0	16.8	589	0	17.4	651	0	17.5	1,394	1	17.3	1,299	1	17.6
Caucasian American/White	77,306	60	21.5	80,446	60	21.6	77,371	58	21.6	74,708	55	21.8	73,029	53	22.0
Hispanic	10,226	8	17.5	11,531	9	17.6	12,243	9	17.6	13,362	10	17.7	13,852	10	17.9
Asian American/Pacific Islander	5,164	4	22.1	5,310	4	22.1	5,369	4	22.3	5,267	4	22.5	5,140	4	22.6
Other/No Response	22,298	17	18.2	22,732	17	18.5	22,412	17	18.8	25,416	19	19.3	27,855	20	19.8

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	270	100	402	100	579	100	264	100	33	100	36
35	1,263	100	760	100	1,266	100	651	100	325	100	35
34	1,498	99	1,859	99	1,763	99	703	99	674	100	34
33	1,585	98	1,114	98	2,156	97	981	99	990	99	33
32	1,545	97	1,155	97	1,903	96	1,191	98	1,411	99	32
31	2,320	96	1,366	96	2,604	94	534	97	1,941	98	31
30	3,420	94	2,187	95	2,913	93	1,375	97	2,496	96	30
29	3,058	91	3,092	94	3,379	90	1,829	96	3,113	94	29
28	4,889	89	3,560	91	5,270	88	2,522	95	4,063	92	28
27	3,218	86	4,493	89	5,134	84	3,296	93	4,802	89	27
26	5,031	83	6,366	85	4,552	80	6,627	90	5,506	86	26
25	6,769	80	7,298	81	5,150	77	5,613	85	6,383	82	25
24	5,824	75	5,962	76	8,543	73	8,477	81	7,244	77	24
23	5,973	70	5,608	71	5,812	67	10,405	75	7,745	72	23
22	8,642	66	7,111	67	6,338	63	8,597	68	8,643	66	22
21	9,051	60	6,292	62	6,257	58	11,294	61	9,131	60	21
20	9,751	53	6,555	57	9,892	54	13,161	53	9,391	53	20
19	6,594	46	6,647	53	7,590	46	13,048	44	9,501	46	19
18	8,084	41	9,439	48	6,217	41	11,341	34	9,806	39	18
17	7,806	35	14,023	41	10,957	36	7,482	26	9,526	32	17
16	6,182	30	12,830	31	6,301	28	5,967	20	9,128	25	16
15	9,002	25	15,375	21	6,413	24	5,206	16	8,244	19	15
14	6,894	19	9,226	10	9,244	19	4,551	12	6,951	13	14
13	4,080	14	3,144	3	5,195	12	4,017	9	5,414	8	13
12	3,664	11	1,180	1	6,491	9	3,018	6	3,453	4	12
11	3,242	8	217	1	3,494	4	3,363	4	1,232	1	11
10	2,725	6	96	1	1,060	1	1,021	1	218	1	10
9	2,160	4	26	1	491	1	489	1	22	1	9
8	2,155	2	12	1	275	1	254	1	12	1	8
7	489	1	1	1	109	1	74	1	1	1	7
6	164	1	3	1	9	1	28	1	0	1	6
5	39	1	0	1	29	1	13	1	0	1	5
4	10	1	0	1	8	1	1	1	0	1	4
3	1	1	0	1	0	1	4	1	0	1	3
2	1	1	0	1	3	1	1	1	0	1	2
1	0	1	0	1	2	1	1	1	0	1	1
Average	20.2		20.3		20.6		20.4		20.5		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	3,415	100	1,020	100	1,965	100	2,747	100	3,419	100	1,667	100	1,747	100	18
17	5,963	98	3,057	99	7,122	99	7,539	98	4,516	98	1,362	99	1,194	99	17
16	4,423	93	6,870	97	5,538	93	7,022	93	6,520	94	2,299	98	3,345	98	16
15	7,779	90	7,825	92	7,835	89	7,886	87	7,050	89	4,604	96	7,518	95	15
14	7,245	84	10,834	86	7,149	84	8,719	82	8,720	84	9,890	93	9,730	90	14
13	5,563	79	7,883	78	13,868	78	9,346	75	9,859	78	9,680	86	9,879	83	13
12	10,558	75	15,762	73	11,279	68	10,570	69	14,704	71	15,257	79	13,389	76	12
11	11,197	67	14,114	61	11,877	60	10,475	61	8,224	60	9,836	67	16,054	66	11
10	16,167	59	17,408	51	11,702	52	11,683	53	8,850	54	20,256	60	15,864	54	10
9	11,442	47	13,355	38	13,781	43	12,340	45	11,827	48	25,296	46	23,311	43	9
8	13,379	39	14,864	29	12,658	33	10,470	36	18,239	39	14,003	27	13,652	26	8
7	12,867	29	8,835	18	15,923	24	10,356	28	18,954	26	1,365	17	10,866	16	7
6	9,131	20	6,880	11	8,180	12	14,788	21	10,117	12	10,910	16	2,318	8	6
5	9,254	13	4,924	6	1,253	6	6,687	10	4,760	5	6,999	8	4,537	6	5
4	4,889	7	2,664	3	3,792	5	4,031	5	1,114	1	449	3	1,334	3	4
3	2,856	3	879	1	2,269	3	2,460	2	242	1	2,852	3	1,782	2	3
2	1,171	1	216	1	875	1	239	1	248	1	40	1	467	1	2
1	100	1	9	1	333	1	41	1	36	1	634	1	412	1	1
Average	10.0		10.6		10.5		10.4		10.4		10.0		10.4		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	137,399	41	22.6	18.9
	African Am./Black	16,224	32	18.0	16.4
	Am. Indian/Alaskan Native	1,299	27	20.5	16.4
	Caucasian Am./White	73,029	46	23.7	20.2
	Hispanic	13,852	34	19.5	17.0
	Asian Am./Pacific Islander	5,140	54	23.9	20.7
	Other/No Response	27,855	32	22.1	18.3
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	4,616	3	4,135	3	5,764	4	2,599	2
	28 to 32	15,232	11	11,360	8	16,069	12	7,451	5
	24 to 27	20,842	15	24,119	18	23,379	17	24,013	17
	20 to 23	33,417	24	25,566	19	28,299	21	43,457	32
	16 to 19	28,666	21	42,939	31	31,065	23	37,838	28
	13 to 15	19,976	15	27,745	20	20,852	15	13,774	10
	01 to 12	14,650	11	1,535	1	11,971	9	8,267	6
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	64,899	47	19.8	20.7	20.3	20.8	20.5
	Females	69,471	51	20.7	20.0	21.0	20.0	20.5
	Missing	3,029	2	20.5	20.8	20.9	20.5	20.8
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	62	41	44	29	23
	Females	67	35	48	21	18
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

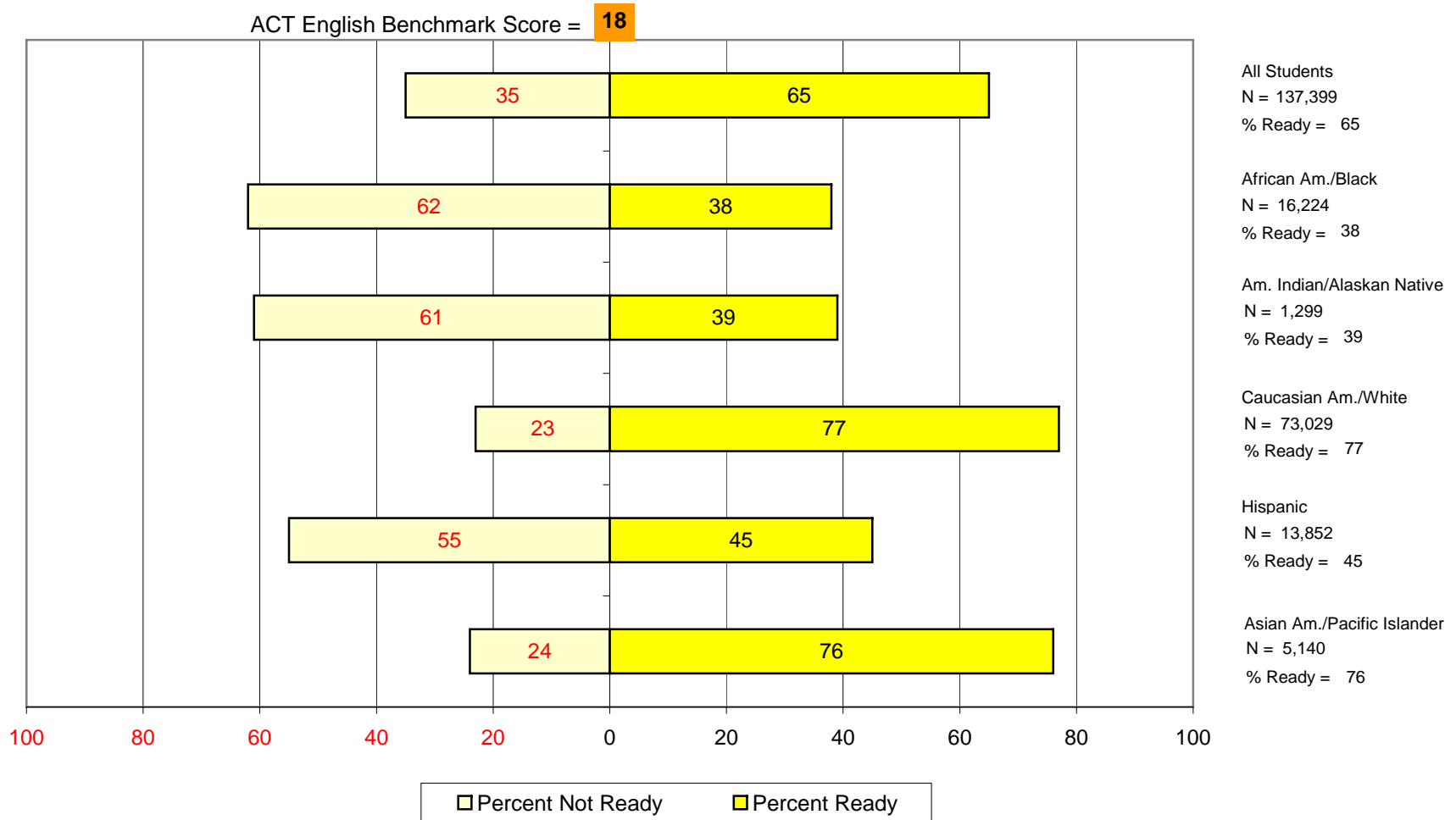


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

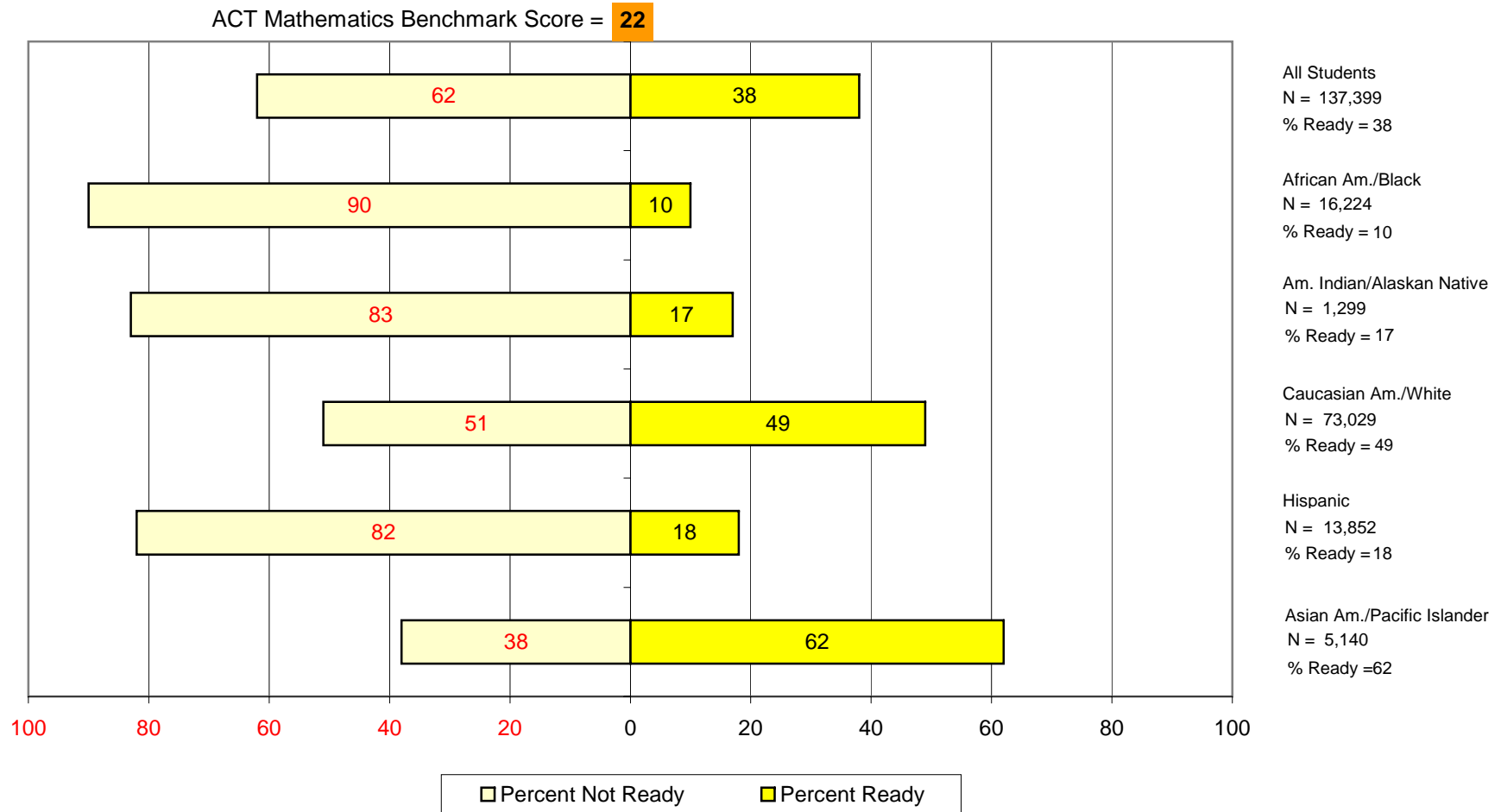


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

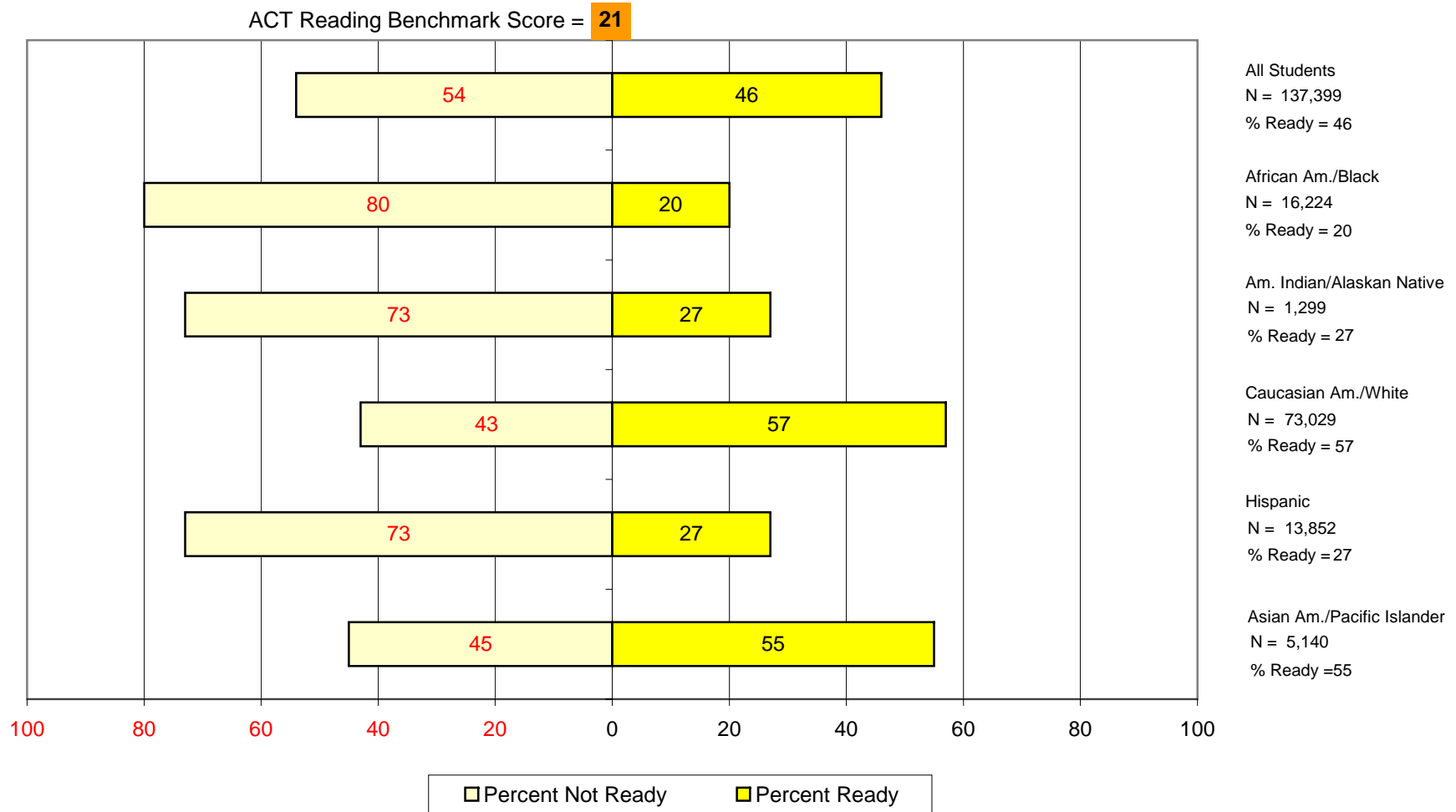


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

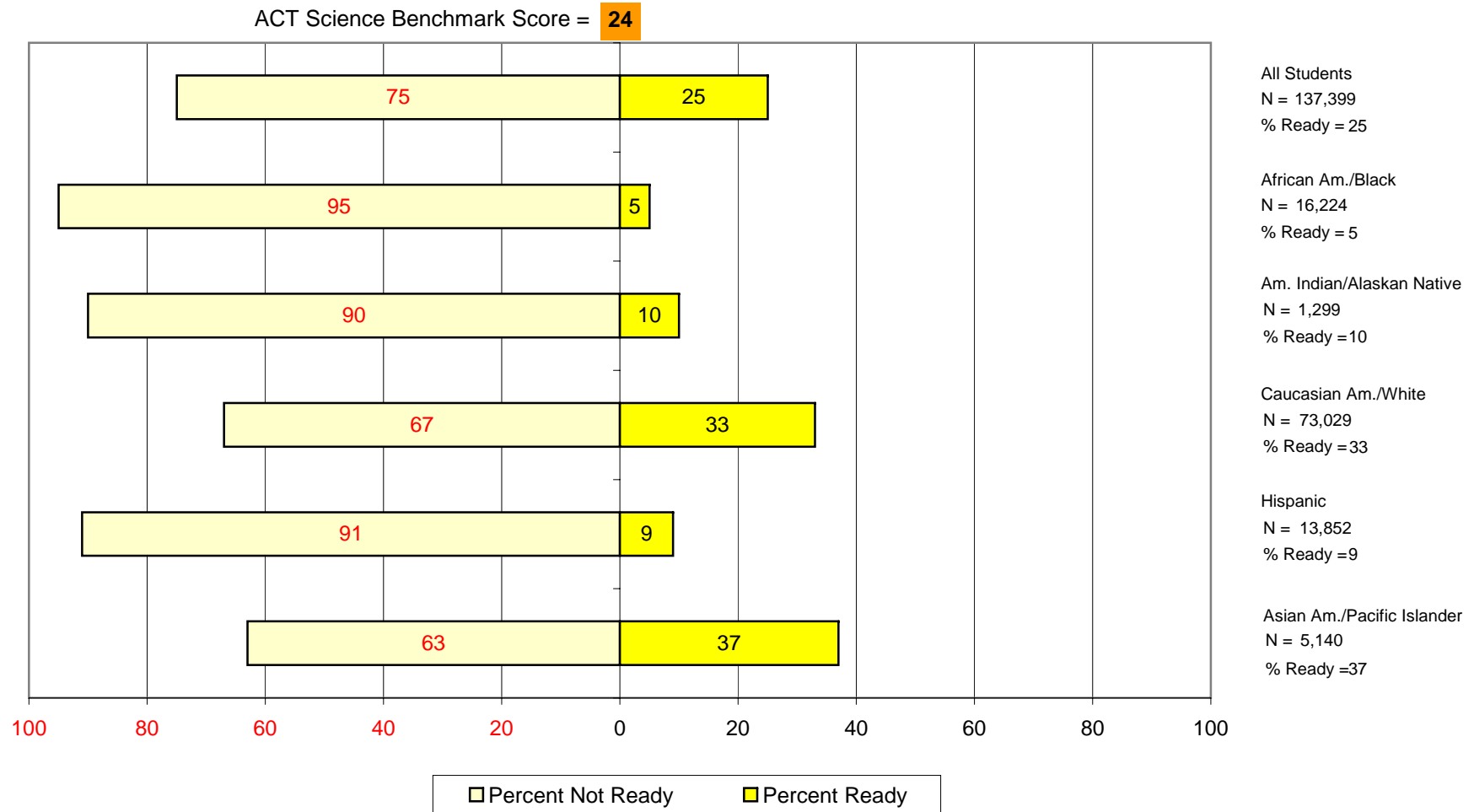


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

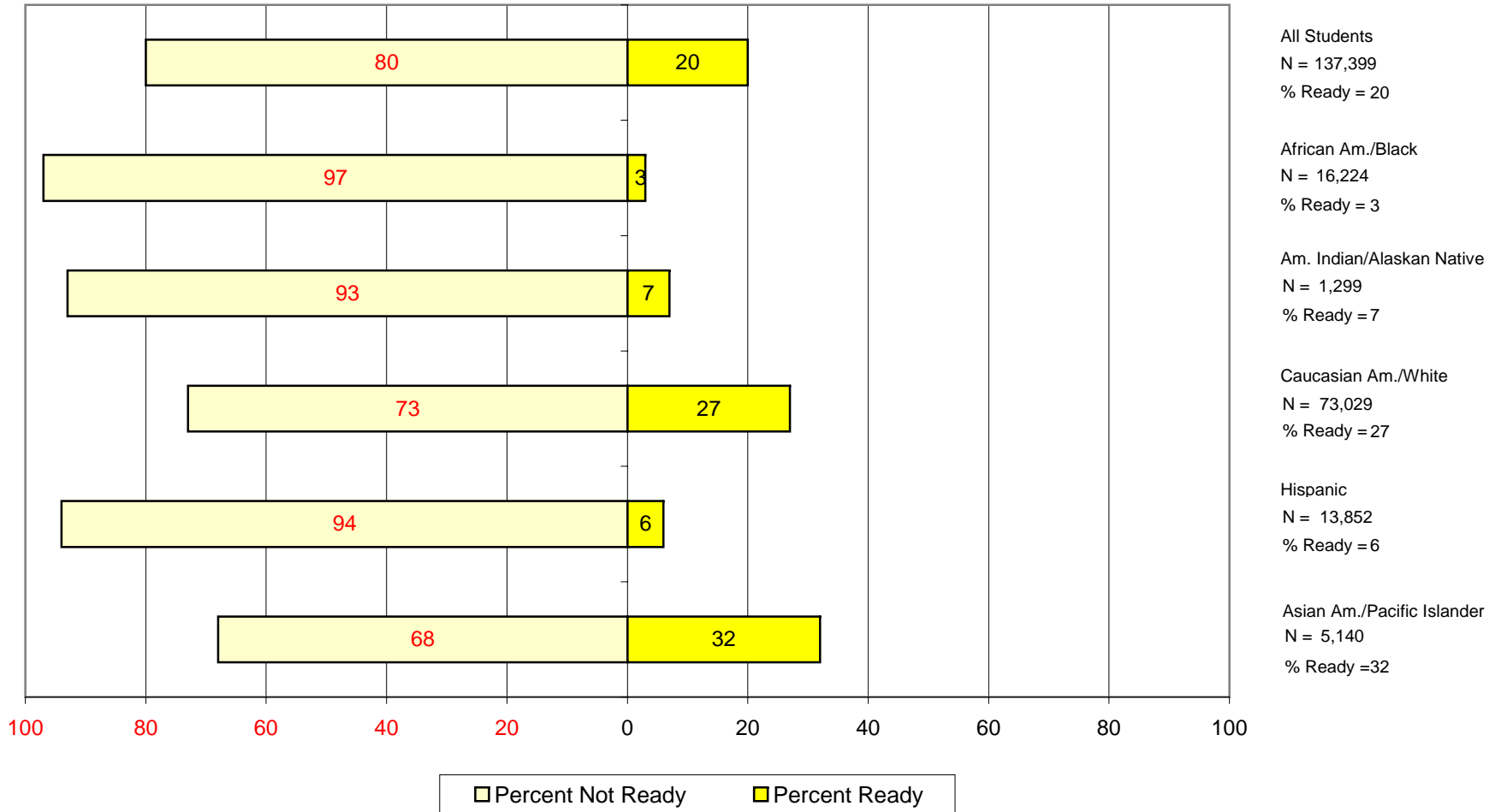


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	36,703	27	21.4	4.1	16,466	25	21.0	4.2	19,782	28	21.8	4.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,556	48	20.4	3.1	30,587	47	20.1	3.3	33,898	49	20.8	3.0
Less than 4 years of English	15,769	11	17.3	-	8,575	13	16.8	-	6,822	10	17.8	-
No English course/grade information reported	19,371	14	19.7	-	9,271	14	19.1	-	8,969	13	20.1	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	7,528	5	25.0	8.4	3,574	6	25.7	9.0	3,826	6	24.3	7.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	11,938	9	22.7	6.1	4,661	7	23.3	6.6	7,100	10	22.4	6.0
Alg 1, Alg 2, Geom, & Trig	15,202	11	19.9	3.3	6,759	10	20.3	3.6	8,174	12	19.5	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	10,358	8	20.8	4.2	4,336	7	21.4	4.7	5,866	8	20.5	4.1
Other comb of 4 or more years of Math	21,279	15	24.4	7.8	11,149	17	25.0	8.3	9,803	14	23.8	7.4
Alg 1, Alg 2, & Geom (Min. Core)	23,081	17	17.9	1.3	10,602	16	18.1	1.4	12,142	17	17.7	1.3
Other comb of 3 or 3.5 years of Math	5,753	4	20.4	3.8	2,787	4	20.8	4.1	2,882	4	20.0	3.6
Less than 3 years of Math	22,203	16	16.6	-	11,373	18	16.7	-	10,441	15	16.4	-
No Math course/grade information reported	20,057	15	19.9	-	9,658	15	20.2	-	9,237	13	19.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	2,283	2	22.0	3.1	1,135	2	21.5	2.8	1,116	2	22.4	3.2
Other comb of 4 or more years Social Science	33,969	25	22.1	3.2	15,402	24	21.8	3.1	18,055	26	22.4	3.2
US Hist, World Hist, & Am Gov (Min. Core)	5,295	4	19.5	0.6	2,831	4	19.2	0.5	2,379	3	19.8	0.6
Other comb of 3 or 3.5 years of Social Science	41,409	30	21.2	2.3	18,834	29	20.9	2.2	21,964	32	21.5	2.3
Less than 3 years of Social Science	34,252	25	18.9	-	16,985	26	18.7	-	16,647	24	19.2	-
No Soc Sci course/grade information reported	20,191	15	20.0	-	9,712	15	19.6	-	9,310	13	20.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	27,739	20	21.6	3.3	13,677	21	22.2	3.9	13,578	20	21.0	2.7
Bio, Chem, Phys	23,504	17	23.7	5.4	11,333	17	24.5	6.2	11,775	17	23.0	4.7
Gen Sci ² , Bio, Chem (Min. Core)	29,353	21	19.5	1.2	12,109	19	19.8	1.5	16,835	24	19.3	1.0
Other comb of 3 years of Natural Science	3,731	3	18.6	0.3	1,957	3	19.1	0.8	1,730	2	18.0	-0.3
Less than 3 years of Natural Science	32,704	24	18.3	-	16,056	25	18.3	-	16,139	23	18.3	-
No Nat Sci course/grade information reported	20,368	15	19.9	-	9,767	15	20.1	-	9,414	14	19.5	-

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	36,703	27	21.4	73	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,556	48	20.4	66	668,226	55	20.4	67
Less than 4 years of English	15,769	11	17.3	44	115,551	10	19.4	62
No English course/grade information reported	19,371	14	19.7	61	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	7,528	5	25.0	74	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	11,938	9	22.7	62	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	15,202	11	19.9	36	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	10,358	8	20.8	45	153,394	13	20.3	37
Other comb of 4 or more years of Math	21,279	15	24.4	68	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	23,081	17	17.9	16	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	5,753	4	20.4	37	54,965	5	20.6	40
Less than 3 years of Math	22,203	16	16.6	8	131,567	11	17.9	18
No Math course/grade information reported	20,057	15	19.9	36	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	2,283	2	22.0	53	31,335	3	22.7	60
Other comb of 4 or more years Social Science	33,969	25	22.1	57	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	5,295	4	19.5	37	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	41,409	30	21.2	50	325,879	27	21.3	52
Less than 3 years of Social Science	34,252	25	18.9	34	179,270	15	20.5	46
No Soc Sci course/grade information reported	20,191	15	20.0	43	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	27,739	20	21.6	34	320,821	27	22.3	38
Bio, Chem, Phys	23,504	17	23.7	49	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	29,353	21	19.5	15	339,689	28	20.2	19
Other comb of 3 years of Natural Science	3,731	3	18.6	12	32,330	3	20.5	24
Less than 3 years of Natural Science	32,704	24	18.3	11	234,307	19	19.1	14
No Nat Sci course/grade information reported	20,368	15	19.9	23	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	1,730	1	18.1	469	4	16.0	1,124	1	19.3
Architecture & Environmental Design	2,534	2	20.1	289	2	16.2	2,096	2	20.8
Business & Management	10,220	7	20.8	788	6	16.4	8,907	11	21.3
Business & Office	611	0	18.9	134	1	16.3	434	1	19.8
Marketing & Distribution	764	1	20.0	73	1	15.9	642	1	20.7
Communications & Comm. Technologies	3,214	2	21.4	242	2	16.7	2,791	3	22.0
Community & Personal Services	4,933	4	18.3	1,142	9	16.7	3,359	4	18.9
Computer & Information Sciences	2,682	2	20.7	340	3	17.6	2,163	3	21.3
Cross-Disciplinary Studies	103	0	24.7	1	0	16.0	99	0	25.1
Education	4,665	3	20.9	237	2	16.1	4,159	5	21.4
Teacher Education	3,283	2	21.0	151	1	15.8	2,955	4	21.4
Engineering	4,882	4	21.5	750	6	16.0	3,817	5	22.9
Engineering-Related Technologies	2,532	2	20.8	485	4	16.7	1,885	2	22.1
Foreign Languages	489	0	23.0	44	0	16.9	408	0	23.9
Health Sciences & Allied Health Fields	15,113	11	20.6	1,284	10	16.7	13,074	16	21.1
Human, Family & Consumer Science	1,990	1	18.1	449	4	16.2	1,338	2	18.9
Letters	762	1	24.2	38	0	18.7	688	1	24.7
Mathematics	522	0	24.5	17	0	15.6	484	1	25.0
Philosophy, Religion & Theology	558	0	22.9	27	0	19.5	492	1	23.2
Sciences (Biological & Physical)	3,812	3	23.8	85	1	17.4	3,559	4	24.1
Social Sciences	7,061	5	22.2	165	1	17.2	6,536	8	22.4
Trade & Industrial	2,997	2	17.9	1,601	13	17.2	1,144	1	19.0
Visual & Performing Arts	8,084	6	20.2	1,084	9	16.8	6,220	7	21.1
Undecided	10,961	8	20.6	1,543	12	16.3	8,217	10	21.8
No Response	42,897	31	20.2	978	8	15.0	7,532	9	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	3,744	16.5	394	14.5	104	15.3	2,116	17.5	584	15.4	61	16.1	485	15.9
2-yr College Degree	8,672	16.5	1,177	14.4	204	15.4	4,452	17.6	1,673	15.3	178	16.2	988	15.9
Bachelors Degree	36,344	20.2	3,749	16.3	374	18.0	23,802	21.4	3,656	17.7	963	20.5	3,800	19.5
Graduate Study	20,377	23.0	1,821	18.2	147	19.3	13,642	24.1	1,584	19.8	920	23.7	2,263	22.5
Prof. Level Degree	27,402	22.2	4,157	18.2	235	19.7	14,452	23.8	3,036	19.6	1,964	24.3	3,558	21.8
Other	5,189	17.6	889	15.4	105	15.9	2,547	18.8	671	16.4	148	18.2	829	17.3
No Response	35,671	19.9	4,037	16.9	130	16.8	12,018	21.7	2,648	17.9	906	22.7	15,932	19.5

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
STATE-COLLEGE/NO REPORTS NOW	Iowa	22,635	22,364	271	5	20	31	22	13	7	2
UNIVERSITY OF ILLINOIS-URBANA CHAMPAIGN	Illinois	21,292	8,711	12,581	1	4	15	27	31	20	3
NORTHERN ILLINOIS UNIVERSITY	Illinois	15,667	4,689	10,978	2	11	31	33	17	5	0
ILLINOIS STATE UNIVERSITY	Illinois	12,969	3,717	9,252	1	7	25	36	23	7	0
UNIVERSITY OF ILLINOIS AT CHICAGO	Illinois	12,535	3,657	8,878	2	11	28	31	20	8	1
SOUTHERN ILLINOIS UNIV-CARBONDALE	Illinois	11,103	2,698	8,405	1	11	32	33	17	5	0
EASTERN ILLINOIS UNIVERSITY	Illinois	7,943	1,881	6,062	1	8	32	37	17	5	0
DE PAUL UNIVERSITY	Illinois	7,404	2,029	5,375	2	13	28	30	19	7	0
WESTERN ILLINOIS UNIVERSITY	Illinois	6,750	1,628	5,122	1	9	34	37	15	3	0
LOYOLA UNIVERSITY OF CHICAGO	Illinois	6,407	1,425	4,982	1	10	26	31	22	9	1
SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	Illinois	5,334	1,514	3,820	1	9	30	35	19	6	0
UNIVERSITY OF CHICAGO	Illinois	4,990	1,106	3,884	1	11	27	25	18	15	4
COLUMBIA COLLEGE CHICAGO	Illinois	3,855	1,609	2,246	2	17	31	28	16	5	0
BRADLEY UNIVERSITY	Illinois	3,558	887	2,671	1	5	17	33	29	14	1
STATE-NO COLLEGE PLANS	Iowa	3,283	3,218	65	15	38	32	11	3	0	0
NORTHWESTERN UNIVERSITY	Illinois	3,272	830	2,442	0	2	9	18	27	35	8
NORTHEASTERN ILLINOIS UNIVERSITY	Illinois	3,086	639	2,447	4	22	41	23	8	2	0
UNIVERSITY OF IOWA	Iowa	2,906	616	2,290	0	2	13	33	34	16	1
PURDUE UNIVERSITY	Indiana	2,523	485	2,038	0	2	10	25	35	24	4
UNIV OF WISCONSIN-MADISON	Wisconsin	2,333	379	1,954	0	2	9	21	36	29	3
ROBERT MORRIS COLLEGE-CHICAGO	Illinois	2,278	533	1,745	6	33	41	16	4	0	0
CHICAGO STATE UNIVERSITY	Illinois	2,236	725	1,511	6	34	39	16	4	1	0
MARQUETTE UNIVERSITY	Wisconsin	2,103	416	1,687	1	3	12	28	33	22	2
AUGUSTANA COLLEGE	Illinois	2,089	526	1,563	1	4	15	31	33	15	1
MICHIGAN STATE UNIVERSITY	Michigan	2,069	414	1,655	2	14	26	27	21	8	1
COLLEGE OF DU PAGE	Illinois	2,053	893	1,160	3	19	37	28	10	2	0
ILLINOIS INSTITUTE OF ART THE	Illinois	2,028	489	1,539	2	18	36	28	13	3	0
ILLINOIS WESLEYAN UNIVERSITY	Illinois	2,006	430	1,576	0	3	12	21	34	26	3
DEVRY UNIVERSITY-CHICAGO IL	Illinois	1,909	469	1,440	8	31	39	16	5	0	0
ILLINOIS CENTRAL COLLEGE	Illinois	1,839	985	854	4	16	33	28	14	5	1
All Other Institutions		158,950	43,077	115,873	3	15	29	26	17	10	2
Total		339,405	113,039	226,366	3	13	28	27	19	10	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	State	National
All Students	25,082	430,404	24.8	22.4	8.2	7.7	24.2	22.0
African Am./Black	1,875	38,583	20.3	17.5	7.2	6.8	20.1	17.6
Am. Indian/Alaskan Native	55	2,803	23.3	19.8	8.0	7.1	22.9	19.6
Caucasian Am./White	16,027	269,428	25.6	23.4	8.3	7.8	24.9	22.8
Hispanic	1,824	33,207	21.7	18.9	7.7	7.4	21.5	19.1
Asian Am./Pacific Islander	1,858	21,275	25.6	23.0	8.4	8.0	25.0	22.8
Other/No Response	3,443	65,108	25.1	22.8	8.2	7.9	24.4	22.5
Males	10,517	170,904	24.6	22.1	7.9	7.4	23.8	21.5
Females	13,628	240,056	25.1	22.6	8.4	7.9	24.6	22.3
Missing	937	19,444	24.7	22.1	8.2	7.8	24.1	21.9

