

ACT High School Profile Report

The Graduating Class of 2006
South Carolina



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South Carolina

Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 14
Section IV: Career and Educational Aspirations	P. 22
Section V: Optional Writing Test Results	P. 26



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

13% 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. 14,816 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 10% of the cohort took less than three years of math courses. Of these students, 18% were college ready. 11% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 9% of these students were college ready. In comparison, 36% 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 12% of the cohort took less than three years of natural science courses. 12% of these students were college ready. In comparison, 17% 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 57% 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.

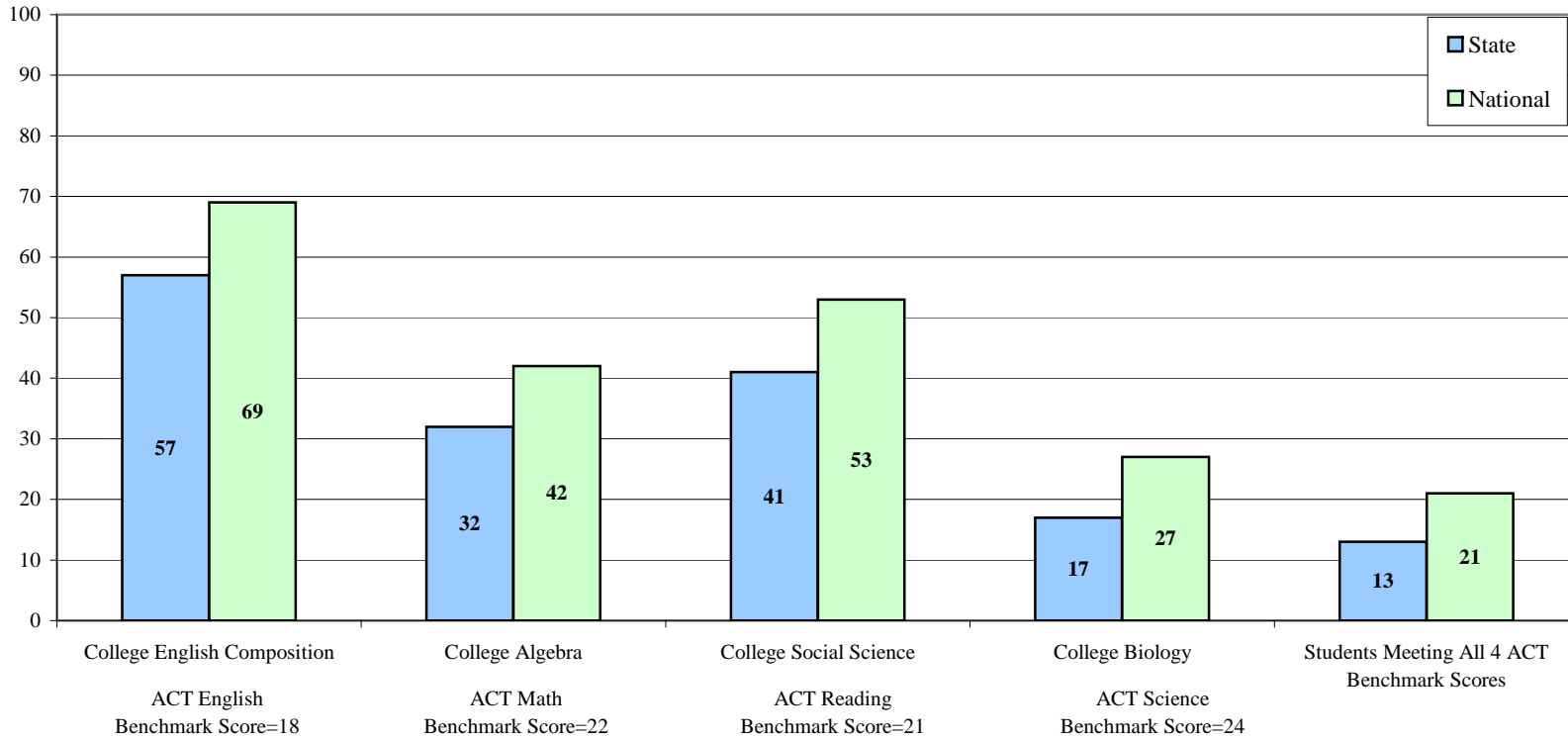
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 404-231-1952.

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	11,978	1,116,082	57	67	27	39	40	53	15	26	11	20
2003	13,359	1,175,059	56	67	27	40	38	52	15	26	11	20
2004	13,332	1,171,460	56	68	28	40	38	52	15	26	11	21
2005	13,867	1,186,251	57	68	28	41	40	51	16	26	12	21
2006	14,816	1,206,455	57	69	32	42	41	53	17	27	13	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	11,978	1,116,082	18.8	20.2	19.1	20.6	19.3	21.1	19.2	20.8	19.2	20.8
2003	13,359	1,175,059	18.7	20.3	19.0	20.6	19.4	21.2	19.2	20.8	19.2	20.8
2004	13,332	1,171,460	18.8	20.4	19.1	20.7	19.4	21.3	19.3	20.9	19.3	20.9
2005	13,867	1,186,251	18.8	20.4	19.3	20.7	19.6	21.3	19.3	20.9	19.4	20.9
2006	14,816	1,206,455	18.9	20.6	19.6	20.8	19.7	21.4	19.4	20.9	19.5	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	8,487	2,576	71	22	19.4	16.7	19.5	17.6	19.8	17.6	19.6	17.7	19.7	17.5
2003	9,093	3,070	68	23	19.2	16.9	19.5	17.6	19.9	17.8	19.6	18.0	19.7	17.7
2004	8,748	3,253	66	24	19.3	17.0	19.5	17.9	19.9	18.0	19.6	18.1	19.7	17.9
2005	8,751	3,551	63	26	19.4	17.4	19.7	18.2	20.1	18.4	19.7	18.4	19.8	18.2
2006	9,337	3,909	63	26	19.4	17.3	20.0	18.5	20.2	18.5	19.8	18.3	20.0	18.2

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	11,978	100	19.2	13,359	100	19.2	13,332	100	19.3	13,867	100	19.4	14,816	100	19.5
African American/Black	4,141	35	16.2	4,802	36	16.3	5,005	38	16.5	5,080	37	16.5	5,191	35	16.4
American Indian/Alaskan Native	48	0	19.4	42	0	19.0	41	0	20.6	43	0	20.3	46	0	20.5
Caucasian American/White	6,800	57	21.0	7,393	55	21.0	7,152	54	21.1	7,472	54	21.3	7,766	52	21.4
Hispanic	136	1	19.3	157	1	19.4	186	1	19.9	177	1	19.0	186	1	19.7
Asian American/Pacific Islander	193	2	21.5	185	1	21.6	186	1	21.9	171	1	22.2	237	2	22.2
Other/No Response	660	6	19.2	780	6	19.3	762	6	19.6	924	7	19.7	1,390	9	20.3

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	10	100	14	100	45	100	15	100	2	100	36
35	45	100	20	100	77	100	22	100	9	100	35
34	85	100	46	100	130	99	35	100	17	100	34
33	68	99	40	99	141	98	38	100	30	100	33
32	71	99	38	99	171	97	37	99	63	100	32
31	168	98	80	99	217	96	66	99	91	99	31
30	193	97	134	98	253	95	44	99	153	99	30
29	232	96	211	97	302	93	88	98	212	98	29
28	329	94	254	96	380	91	181	98	278	96	28
27	337	92	406	94	425	88	249	96	384	94	27
26	391	90	615	92	562	86	463	95	429	92	26
25	638	87	626	87	543	82	509	92	582	89	25
24	647	83	800	83	632	78	732	88	778	85	24
23	623	78	689	78	760	74	951	83	805	80	23
22	849	74	742	73	715	69	1,012	77	959	74	22
21	964	68	841	68	735	64	1,130	70	1,075	68	21
20	1,104	62	881	63	956	59	1,474	62	1,080	60	20
19	922	54	981	57	969	52	1,644	52	1,160	53	19
18	824	48	1,173	50	789	46	1,398	41	1,145	45	18
17	764	43	1,707	42	1,074	41	1,219	32	1,236	38	17
16	962	37	1,877	30	822	33	901	24	1,200	29	16
15	1,081	31	1,276	18	791	28	700	18	1,068	21	15
14	915	24	899	9	1,087	22	526	13	844	14	14
13	524	18	296	3	796	15	445	9	609	8	13
12	513	14	118	1	683	10	360	6	377	4	12
11	481	11	37	1	430	5	275	4	147	2	11
10	324	7	8	1	158	2	147	2	60	1	10
9	240	5	4	1	86	1	76	1	18	1	9
8	276	3	2	1	47	1	43	1	4	1	8
7	160	2	0	1	14	1	16	1	1	1	7
6	50	1	1	1	12	1	11	1	0	1	6
5	19	1	0	1	10	1	5	1	0	1	5
4	6	1	0	1	1	1	0	1	0	1	4
3	1	1	0	1	0	1	4	1	0	1	3
2	0	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Average	18.9		19.6		19.7		19.4		19.5		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	206	100	37	100	99	100	299	100	205	100	34	100	31	100	18
17	401	99	120	100	502	99	480	98	265	99	75	100	76	100	17
16	429	96	304	99	410	96	727	95	651	97	140	99	155	99	16
15	542	93	585	97	585	93	847	90	643	92	250	98	358	98	15
14	748	89	788	93	662	89	924	84	897	88	794	97	697	96	14
13	705	84	830	88	871	85	1,034	78	1,275	82	789	91	1,115	91	13
12	1,061	80	1,321	82	1,269	79	1,397	71	1,564	73	1,873	86	1,294	84	12
11	1,220	72	1,765	73	1,295	70	1,115	61	1,158	63	1,372	73	1,340	75	11
10	1,553	64	1,747	61	1,279	62	1,279	54	1,546	55	2,608	64	2,541	66	10
9	1,456	54	1,959	49	1,910	53	1,402	45	1,241	45	2,838	46	2,162	49	9
8	1,411	44	1,705	36	1,874	40	1,193	36	2,087	36	1,551	27	1,728	34	8
7	1,506	34	1,278	25	1,313	27	1,155	28	1,950	22	682	17	1,241	22	7
6	1,309	24	927	16	1,218	19	1,435	20	879	9	751	12	978	14	6
5	913	15	833	10	658	10	802	10	274	3	602	7	143	7	5
4	720	9	415	4	413	6	533	5	127	1	181	3	586	6	4
3	422	4	150	1	289	3	147	1	43	1	217	2	63	3	3
2	183	1	50	1	116	1	45	1	10	1	19	1	238	2	2
1	31	1	2	1	53	1	2	1	1	1	40	1	70	1	1
Average	9.4		9.7		9.7		10.2		10.3		9.8		9.5		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	14,816	63	20.0	18.2
	African Am./Black	5,191	64	17.1	15.3
	Am. Indian/Alaskan Native	46	61	20.8	20.9
	Caucasian Am./White	7,766	64	21.7	20.6
	Hispanic	186	69	19.6	19.0
	Asian Am./Pacific Islander	237	73	22.0	21.8
	Other/No Response	1,390	52	20.9	19.0
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	208	1	120	1	393	3	110	1
	28 to 32	993	7	717	5	1,323	9	416	3
	24 to 27	2,013	14	2,447	17	2,162	15	1,953	13
	20 to 23	3,540	24	3,153	21	3,166	21	4,567	31
	16 to 19	3,472	23	5,738	39	3,654	25	5,162	35
	13 to 15	2,520	17	2,471	17	2,674	18	1,671	11
	01 to 12	2,070	14	170	1	1,444	10	937	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	5,600	38	18.1	20.1	19.1	19.6	19.4
	Females	8,666	58	19.3	19.3	20.1	19.2	19.6
	Missing	550	4	20.2	20.6	20.9	20.1	20.6
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	51	35	37	20	16
	Females	60	29	43	14	11
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

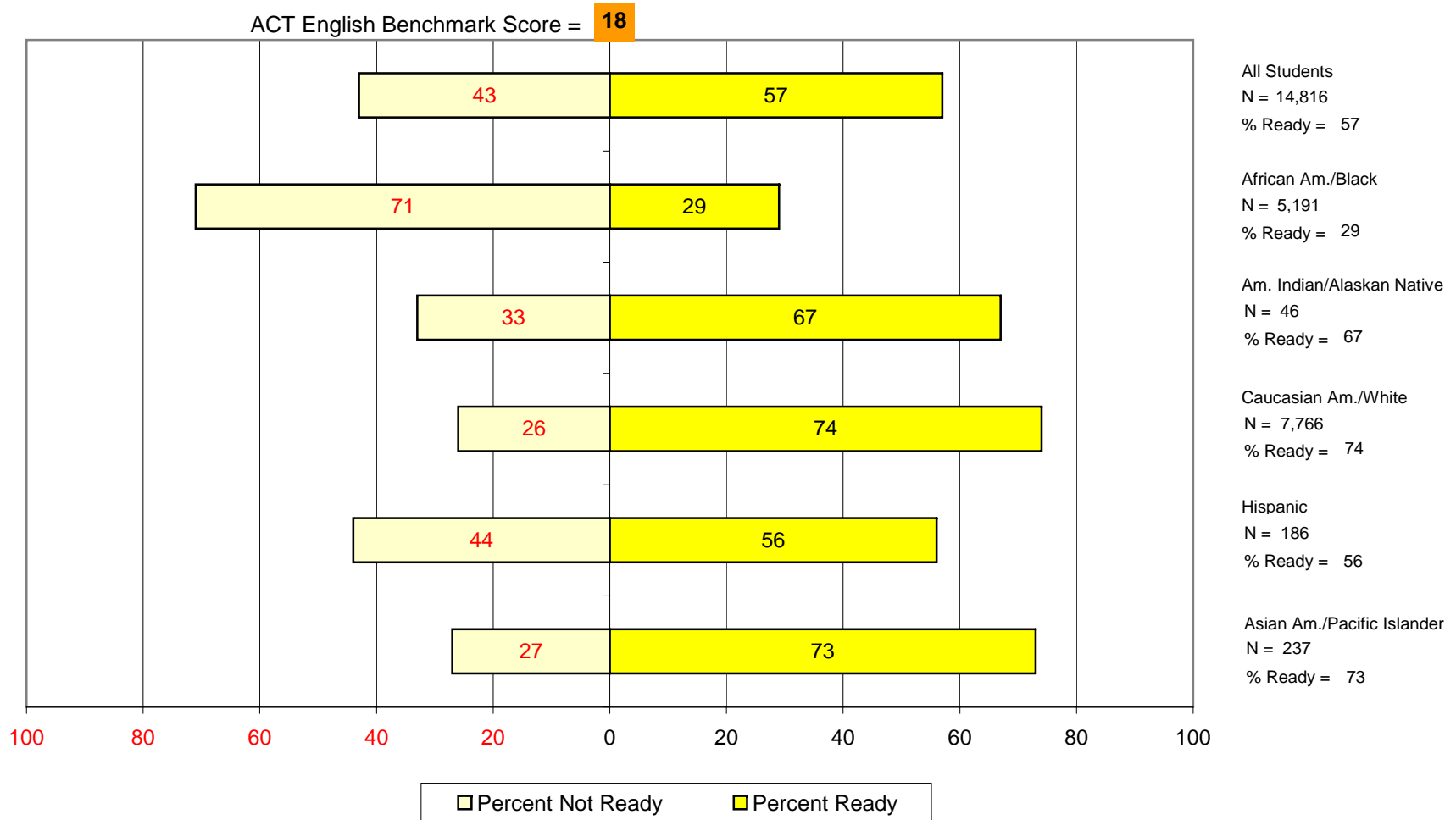


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

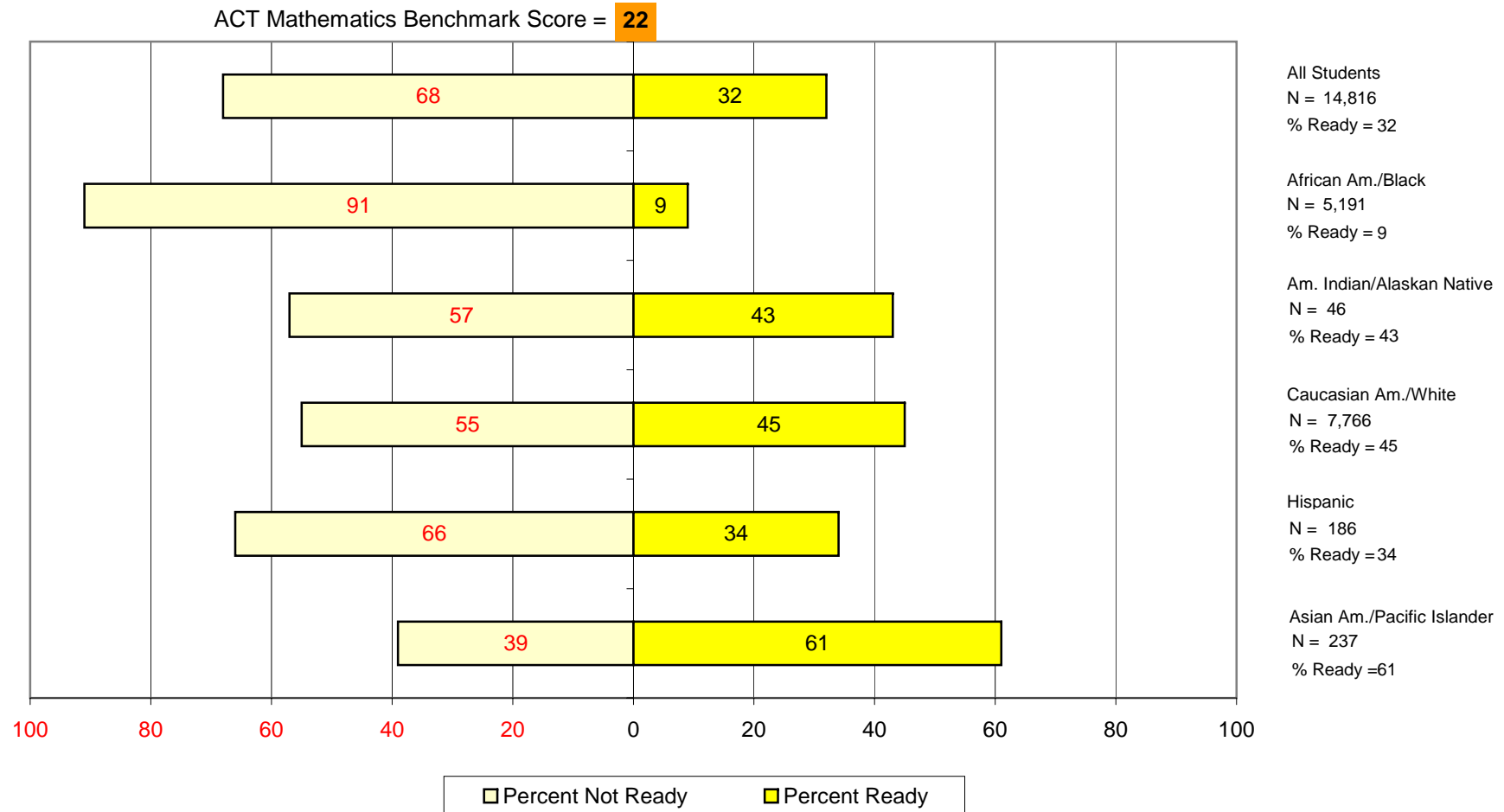


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

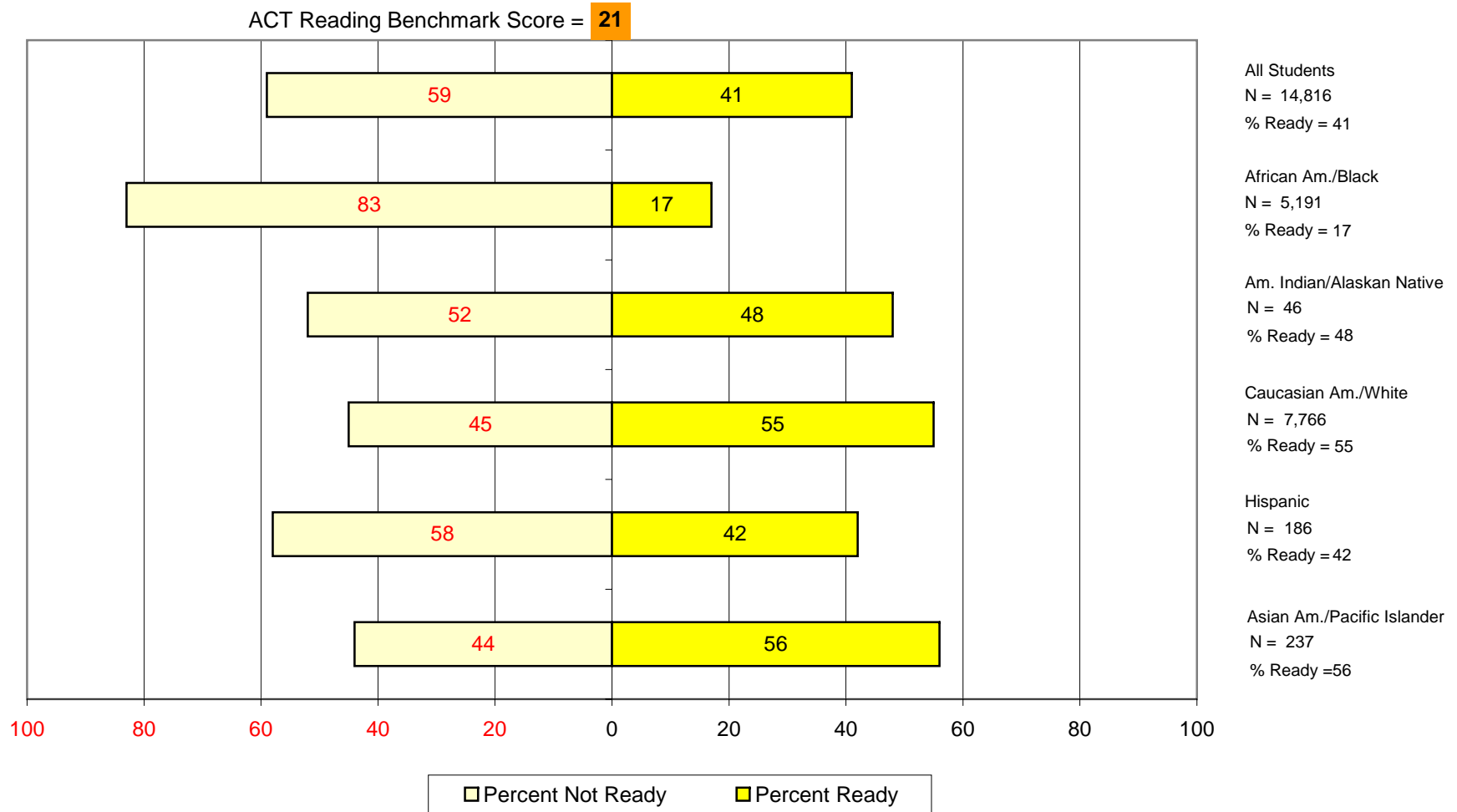


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

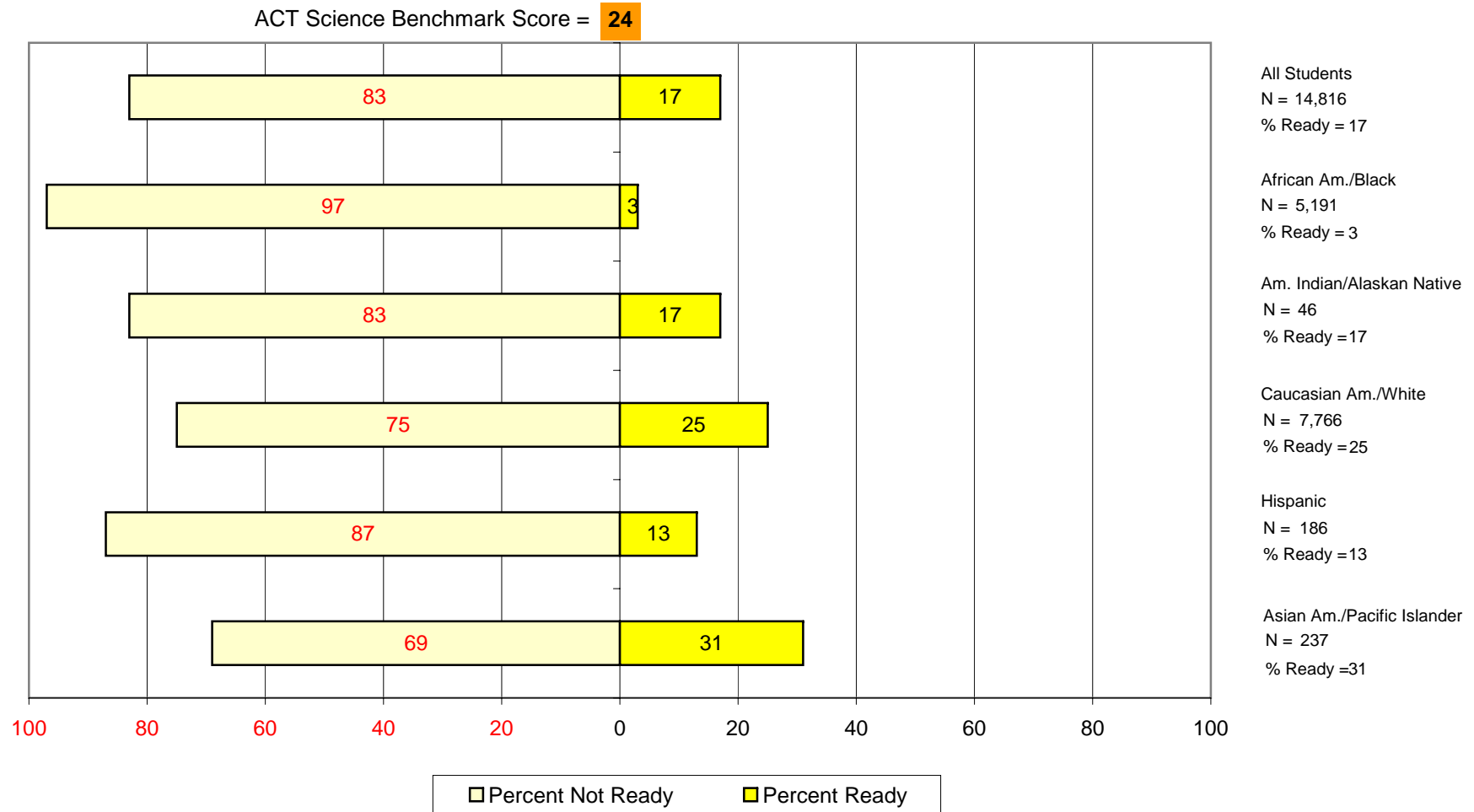


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

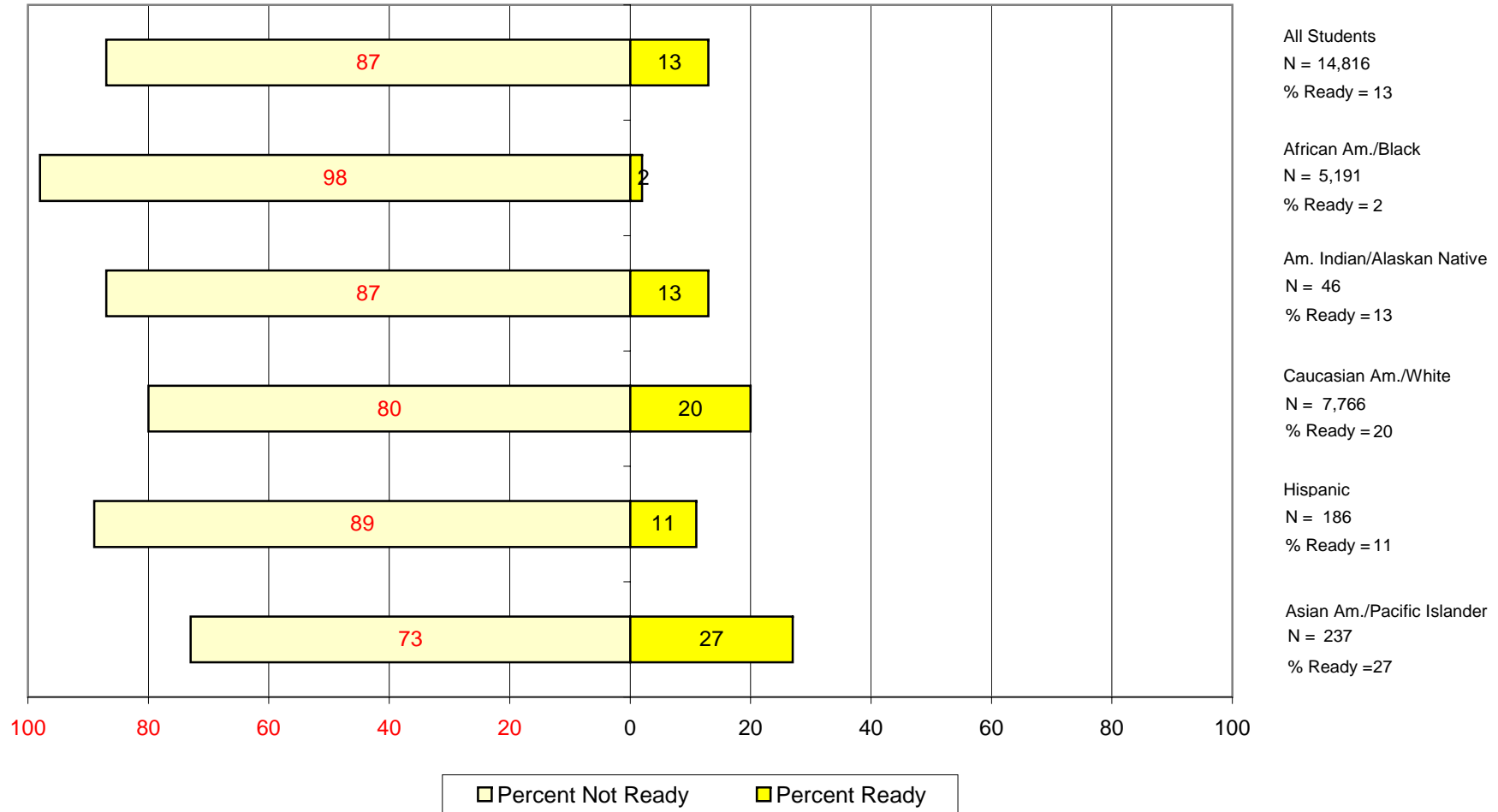


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	1,866	13	21.0	2.4	564	10	20.0	2.0	1,244	14	21.5	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	9,995	67	18.3	-0.3	3,708	66	17.6	-0.4	6,031	70	18.7	-0.4
Less than 4 years of English	1,298	9	18.6	-	545	10	18.0	-	707	8	19.1	-
No English course/grade information reported	1,657	11	19.7	-	783	14	18.9	-	684	8	20.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	425	3	23.2	5.5	173	3	24.2	6.2	238	3	22.4	4.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	543	4	20.8	3.1	172	3	21.3	3.3	359	4	20.6	3.1
Alg 1, Alg 2, Geom, & Trig	591	4	19.0	1.3	215	4	19.5	1.5	350	4	18.6	1.1
Alg 1, Alg 2, Geom, & Other Adv Math	3,842	26	18.6	0.9	1,241	22	18.9	0.9	2,501	29	18.4	0.9
Other comb of 4 or more years of Math	3,531	24	22.0	4.3	1,331	24	22.6	4.6	2,109	24	21.5	4.0
Alg 1, Alg 2, & Geom (Min. Core)	1,644	11	16.9	-0.8	622	11	17.2	-0.8	987	11	16.7	-0.8
Other comb of 3 or 3.5 years of Math	1,014	7	19.6	1.9	418	7	19.7	1.7	564	7	19.3	1.8
Less than 3 years of Math	1,428	10	17.7	-	582	10	18.0	-	794	9	17.5	-
No Math course/grade information reported	1,798	12	20.1	-	846	15	20.5	-	764	9	19.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	73	0	20.7	2.1	38	1	20.2	2.2	34	0	21.2	2.1
Other comb of 4 or more years Social Science	6,931	47	20.3	1.7	2,393	43	19.7	1.7	4,339	50	20.6	1.5
US Hist, World Hist, & Am Gov (Min. Core)	134	1	19.4	0.8	60	1	18.8	0.8	70	1	19.9	0.8
Other comb of 3 or 3.5 years of Social Science	4,035	27	19.0	0.4	1,475	26	18.6	0.6	2,464	28	19.2	0.1
Less than 3 years of Social Science	1,878	13	18.6	-	802	14	18.0	-	1,015	12	19.1	-
No Soc Sci course/grade information reported	1,765	12	20.4	-	832	15	19.5	-	744	9	21.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	4,593	31	20.3	2.1	1,798	32	20.8	2.7	2,675	31	20.0	1.7
Bio, Chem, Phys	745	5	21.5	3.3	294	5	22.3	4.2	430	5	20.9	2.6
Gen Sci ² , Bio, Chem (Min. Core)	5,657	38	18.6	0.4	1,836	33	18.5	0.4	3,673	42	18.6	0.3
Other comb of 3 years of Natural Science	183	1	18.6	0.4	87	2	19.1	1.0	93	1	18.1	-0.2
Less than 3 years of Natural Science	1,781	12	18.2	-	706	13	18.1	-	1,012	12	18.3	-
No Nat Sci course/grade information reported	1,857	13	19.9	-	879	16	20.1	-	783	9	19.9	-

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	1,866	13	21.0	74	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	9,995	67	18.3	53	668,226	55	20.4	67
Less than 4 years of English	1,298	9	18.6	58	115,551	10	19.4	62
No English course/grade information reported	1,657	11	19.7	65	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	425	3	23.2	65	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	543	4	20.8	43	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	591	4	19.0	24	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	3,842	26	18.6	22	153,394	13	20.3	37
Other comb of 4 or more years of Math	3,531	24	22.0	52	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	1,644	11	16.9	9	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	1,014	7	19.6	31	54,965	5	20.6	40
Less than 3 years of Math	1,428	10	17.7	18	131,567	11	17.9	18
No Math course/grade information reported	1,798	12	20.1	37	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	73	0	20.7	48	31,335	3	22.7	60
Other comb of 4 or more years Social Science	6,931	47	20.3	45	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	134	1	19.4	43	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	4,035	27	19.0	36	325,879	27	21.3	52
Less than 3 years of Social Science	1,878	13	18.6	34	179,270	15	20.5	46
No Soc Sci course/grade information reported	1,765	12	20.4	46	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	4,593	31	20.3	22	320,821	27	22.3	38
Bio, Chem, Phys	745	5	21.5	35	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	5,657	38	18.6	10	339,689	28	20.2	19
Other comb of 3 years of Natural Science	183	1	18.6	15	32,330	3	20.5	24
Less than 3 years of Natural Science	1,781	12	18.2	12	234,307	19	19.1	14
No Nat Sci course/grade information reported	1,857	13	19.9	20	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	149	1	18.3	15	2	16.1	118	1	19.0
Architecture & Environmental Design	219	1	20.0	10	1	17.1	199	2	20.2
Business & Management	1,312	9	18.6	62	9	15.3	1,189	10	18.8
Business & Office	78	1	16.9	22	3	14.6	53	0	18.0
Marketing & Distribution	110	1	18.9	7	1	16.3	99	1	19.3
Communications & Comm. Technologies	387	3	19.4	8	1	15.4	362	3	19.5
Community & Personal Services	315	2	16.9	29	4	15.2	255	2	17.3
Computer & Information Sciences	328	2	18.7	31	4	16.5	280	2	19.2
Cross-Disciplinary Studies	11	0	22.5	1	0	14.0	10	0	23.3
Education	752	5	19.2	19	3	14.5	700	6	19.5
Teacher Education	380	3	18.3	13	2	15.0	348	3	18.6
Engineering	608	4	20.1	41	6	14.9	535	5	20.6
Engineering-Related Technologies	277	2	20.7	26	4	15.4	246	2	21.4
Foreign Languages	43	0	23.3	0	0	.	40	0	23.9
Health Sciences & Allied Health Fields	2,676	18	18.8	208	29	16.3	2,354	20	19.1
Human, Family & Consumer Science	145	1	17.2	22	3	15.9	114	1	17.6
Letters	55	0	21.8	5	1	15.2	48	0	22.5
Mathematics	52	0	21.5	3	0	15.3	46	0	21.9
Philosophy, Religion & Theology	99	1	21.2	1	0	18.0	93	1	21.3
Sciences (Biological & Physical)	674	5	21.9	6	1	16.7	644	6	22.0
Social Sciences	846	6	20.0	8	1	13.9	802	7	20.2
Trade & Industrial	62	0	16.7	26	4	16.4	33	0	17.2
Visual & Performing Arts	652	4	19.8	33	5	16.2	582	5	20.2
Undecided	947	6	19.6	53	7	16.0	793	7	20.1
No Response	3,639	25	20.2	64	9	16.4	1,705	15	20.7

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	124	16.1	62	14.7	0	.	55	17.3	3	16.7	2	20.0	2	19.0
2-yr College Degree	589	15.8	296	14.5	2	12.5	250	17.3	6	15.5	2	15.5	33	16.2
Bachelors Degree	5,063	18.7	1,732	16.0	17	19.7	2,831	20.3	68	17.9	46	20.1	369	19.4
Graduate Study	2,689	20.9	771	17.5	9	21.1	1,621	22.5	25	20.3	42	21.8	221	21.5
Prof. Level Degree	3,896	20.5	1,555	17.4	14	22.5	1,803	22.9	51	21.1	119	23.1	354	21.1
Other	407	16.5	237	15.2	2	21.0	128	18.5	5	22.4	3	22.7	32	16.3
No Response	2,048	19.8	538	15.7	2	18.5	1,078	21.4	28	21.4	23	22.6	379	20.5

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
UNIV OF SOUTH CAROLINA-COLUMBIA	South Carolina	5,179	1,738	3,441	2	11	30	33	18	5	0
CLEMSON UNIVERSITY	South Carolina	3,376	1,460	1,916	1	6	23	34	26	9	1
COLLEGE OF CHARLESTON	South Carolina	2,802	825	1,977	1	8	26	37	22	6	0
WINTHROP UNIVERSITY	South Carolina	2,387	541	1,846	2	14	34	33	15	3	0
COASTAL CAROLINA UNIVERSITY	South Carolina	1,872	529	1,343	4	20	39	28	8	1	0
FRANCIS MARION UNIVERSITY	South Carolina	1,522	346	1,176	4	25	42	22	6	1	0
SOUTH CAROLINA STATE UNIV	South Carolina	1,441	415	1,026	11	40	39	9	1	0	0
UNIV OF SOUTH CAROLINA-UPSTATE	South Carolina	1,240	337	903	3	17	44	26	7	2	0
CHARLESTON SOUTHERN UNIVERSITY	South Carolina	1,126	298	828	5	19	40	26	9	1	0
LANDER UNIVERSITY	South Carolina	984	230	754	3	15	41	28	10	2	0
FURMAN UNIVERSITY	South Carolina	854	171	683	1	5	15	26	34	17	1
UNIV OF SOUTH CAROLINA-AIKEN	South Carolina	776	218	558	3	20	40	27	9	2	0
WOFFORD COLLEGE	South Carolina	753	112	641	1	6	20	33	28	12	1
CLAFLIN UNIVERSITY	South Carolina	677	169	508	10	40	39	9	1	0	0
ANDERSON UNIVERSITY	South Carolina	562	185	377	2	12	37	31	17	1	0
MIDLANDS TECHNICAL COLLEGE	South Carolina	541	149	392	7	22	42	21	6	1	0
NORTH GREENVILLE COLLEGE	South Carolina	526	191	335	4	16	36	29	13	3	0
NEWBERRY COLLEGE	South Carolina	513	102	411	6	19	43	22	9	1	0
BENEDICT COLLEGE	South Carolina	476	96	380	14	46	34	5	1	0	0
PRESBYTERIAN COLLEGE	South Carolina	457	79	378	2	7	23	37	23	9	0
GREENVILLE TECHNICAL COLLEGE	South Carolina	437	98	339	5	23	42	22	6	2	0
TRIDENT TECHNICAL COLLEGE	South Carolina	399	122	277	8	29	37	20	6	1	0
COLUMBIA COLLEGE	South Carolina	386	116	270	4	20	39	26	10	2	0
SPARTANBURG METHODIST COLLEGE	South Carolina	376	97	279	7	28	43	16	5	1	0
UNIV OF NORTH CAROLINA AT CHAPEL HILL	North Carolina	372	92	280	4	12	22	23	22	16	1
UNIVERSITY OF GEORGIA	Georgia	372	75	297	2	10	23	28	25	12	0
CITADEL THE MILITARY C OF SC	South Carolina	348	159	189	3	13	36	30	16	2	0
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	324	88	236	9	38	39	12	1	1	0
FLORENCE DARLINGTON TECHNICAL COLLEGE	South Carolina	286	112	174	13	35	40	10	1	0	0
COKER COLLEGE	South Carolina	285	68	217	4	24	31	28	12	1	0
All Other Institutions		13,690	3,519	10,171	5	20	30	22	14	8	1
Total		45,339	12,737	32,602	4	18	32	26	14	5	0

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	6,948	430,404	19.4	22.4	6.9	7.7	19.1	22.0
African Am./Black	2,261	38,583	15.6	17.5	6.2	6.8	15.6	17.6
Am. Indian/Alaskan Native	24	2,803	20.0	19.8	7.1	7.1	19.7	19.6
Caucasian Am./White	3,750	269,428	21.5	23.4	7.3	7.8	21.0	22.8
Hispanic	98	33,207	19.0	18.9	6.8	7.4	18.7	19.1
Asian Am./Pacific Islander	123	21,275	21.8	23.0	7.7	8.0	21.5	22.8
Other/No Response	692	65,108	20.4	22.8	7.1	7.9	19.9	22.5
Males	2,483	170,904	18.8	22.1	6.5	7.4	18.3	21.5
Females	4,183	240,056	19.7	22.6	7.1	7.9	19.5	22.3
Missing	282	19,444	20.8	22.1	7.2	7.8	20.3	21.9

