

ACT Profile Report - State

Graduating Class 2010
North Carolina



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This report provides information about the performance of your 2010 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2010 and tested under standard time conditions.

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, test data for a school, district, and the state 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, or the state.

Furthermore, 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

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

30% of your students 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: 14,673 of your students 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. 82% 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 2% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 3% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 58% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry 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 11% of the cohort took less than three years of natural science courses. 8% 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 35% 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.

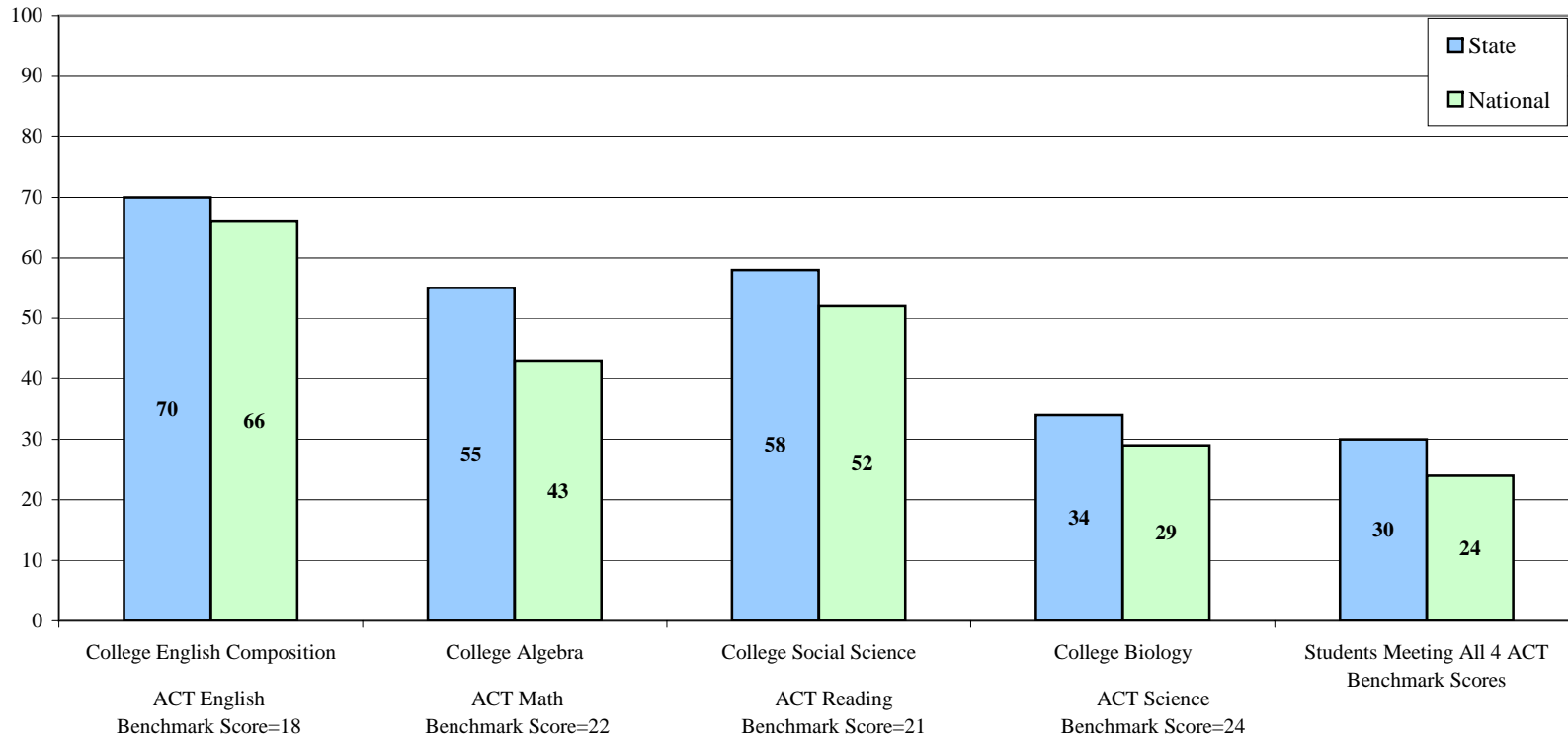
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

Section I

Executive Summary

Total Students in Report: 14,673

Figure 1.1. Percent of Your 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.

Total Students in Report: 14,673

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

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
2006	10,359	1,206,455	61	69	42	42	49	53	23	27	19	21
2007	12,202	1,300,599	66	69	46	43	52	53	28	28	23	23
2008	13,054	1,421,941	67	68	49	43	55	53	28	28	24	22
2009	13,347	1,480,469	69	67	51	42	56	53	30	28	26	23
2010	14,673	1,568,835	70	66	55	43	58	52	34	29	30	24

Table 1.2. Five Year Trends—Average ACT Scores

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
2006	10,359	1,206,455	19.6	20.6	20.9	20.8	20.9	21.4	20.2	20.9	20.5	21.1
2007	12,202	1,300,599	20.2	20.7	21.4	21.0	21.4	21.5	20.7	21.0	21.0	21.2
2008	13,054	1,421,941	20.5	20.6	21.8	21.0	21.7	21.4	20.8	20.8	21.3	21.1
2009	13,347	1,480,469	20.9	20.6	22.0	21.0	21.9	21.4	21.1	20.9	21.6	21.1
2010	14,673	1,568,835	21.1	20.5	22.3	21.0	22.2	21.3	21.6	20.9	21.9	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 14,673

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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
2006	5,408	3,464	52	33	20.7	17.5	21.8	19.2	22.0	19.1	21.1	18.8	21.5	18.8
2007	6,721	3,666	55	30	21.1	18.1	22.1	19.7	22.2	19.6	21.5	19.2	21.8	19.3
2008	9,169	2,905	70	22	21.3	17.7	22.4	19.6	22.4	19.2	21.4	18.7	22.0	18.9
2009	10,743	2,296	80	17	21.7	17.3	22.7	19.0	22.7	18.9	21.7	18.5	22.3	18.6
2010	11,960	2,474	82	17	21.9	17.1	23.0	19.3	22.9	18.8	22.2	18.6	22.6	18.6

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

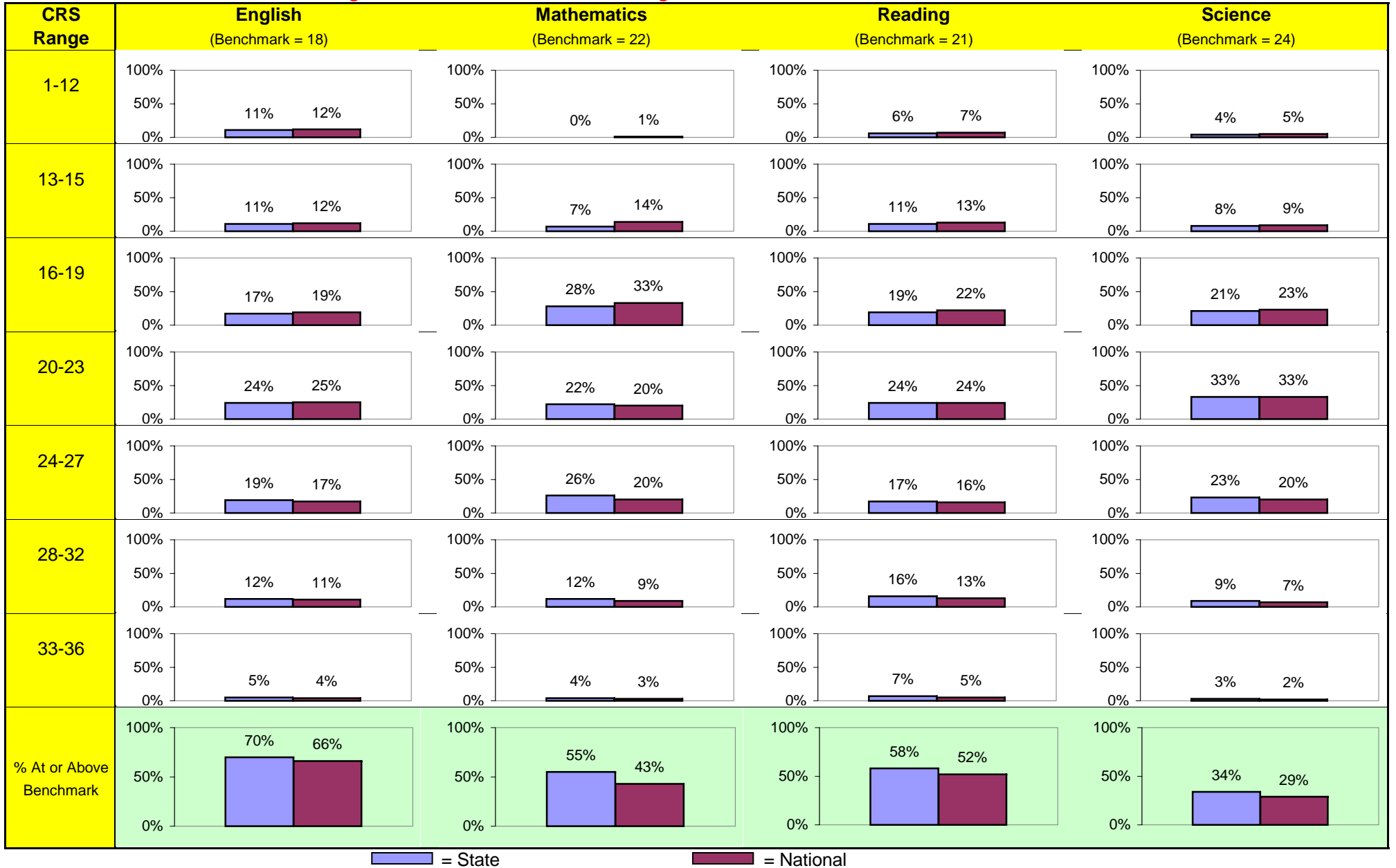
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	10,359	100	20.5	12,202	100	21.0	13,054	100	21.3	13,347	100	21.6	14,673	100	21.9
African American/Black	2,755	27	16.8	2,759	23	16.9	2,934	22	17.0	2,946	22	17.1	3,099	21	17.4
American Indian/Alaska Native	94	1	18.3	110	1	18.8	118	1	20.2	117	1	19.8	149	1	19.3
Caucasian American/White	5,671	55	22.0	6,864	56	22.4	8,013	61	22.6	8,571	64	23.0	9,377	64	23.4
Hispanic	260	3	20.5	313	3	20.2	369	3	20.7	432	3	20.9	596	4	20.3
Asian American/Pacific Islander	226	2	22.8	285	2	22.7	349	3	24.5	374	3	24.7	490	3	24.3
Other/No Response	1,353	13	21.5	1,871	15	22.2	1,271	10	22.5	907	7	22.4	962	7	22.3

Total Students in Report: 14,673

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



Section II

Academic Achievement

Total Students in Report: 14,673

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	55	100	38	100	113	100	63	100	6	100	36
35	202	100	170	100	180	99	97	100	34	100	35
34	226	98	180	99	309	98	68	99	113	100	34
33	265	97	198	97	402	96	158	98	159	99	33
32	220	95	230	96	422	93	88	97	262	98	32
31	294	93	263	94	433	90	187	97	307	96	31
30	394	91	353	93	501	87	270	95	373	94	30
29	410	89	390	90	504	84	279	94	478	91	29
28	492	86	563	88	520	80	449	92	623	88	28
27	493	83	778	84	536	77	575	89	724	84	27
26	702	79	907	78	557	73	579	85	772	79	26
25	757	74	985	72	785	69	1,101	81	873	74	25
24	845	69	1,147	66	683	64	1,066	73	938	68	24
23	784	64	991	58	782	59	1,216	66	1,026	61	23
22	808	58	856	51	874	54	1,163	58	1,012	54	22
21	1,069	53	637	45	903	48	1,191	50	933	48	21
20	918	45	750	41	919	42	1,310	42	1,000	41	20
19	751	39	818	36	745	36	976	33	842	34	19
18	563	34	913	30	586	31	982	26	865	29	18
17	547	30	1,162	24	829	27	607	19	779	23	17
16	695	26	1,231	16	632	21	532	15	719	17	16
15	679	22	682	8	601	17	479	12	624	13	15
14	527	17	289	3	626	13	316	8	505	8	14
13	354	13	92	1	384	8	349	6	333	5	13
12	373	11	35	1	357	6	191	4	230	3	12
11	388	9	7	1	255	3	149	3	79	1	11
10	321	6	7	1	97	2	131	2	42	1	10
9	222	4	0	1	57	1	58	1	15	1	9
8	178	2	0	1	47	1	22	1	5	1	8
7	82	1	0	1	20	1	5	1	1	1	7
6	40	1	1	1	2	1	6	1	1	1	6
5	15	1	0	1	7	1	6	1	0	1	5
4	3	1	0	1	2	1	0	1	0	1	4
3	1	1	0	1	1	1	1	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
Avg (SD)	21.1 (6.6)		22.3 (5.2)		22.2 (6.4)		21.6 (5.1)		21.9 (5.3)		Avg (SD)

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

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 14,673

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

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	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	804	100	200	100	452	100	610	100	930	100	213	100	156	100	18
17	640	95	101	99	757	97	1,570	96	1,018	94	216	99	141	99	17
16	709	90	930	98	1,126	92	984	85	1,033	87	619	97	540	98	16
15	1,016	85	1,080	92	892	84	1,294	78	1,204	80	593	93	959	94	15
14	801	78	1,068	84	954	78	673	70	1,159	71	1,671	89	1,409	88	14
13	1,022	73	1,389	77	907	72	1,184	65	1,105	64	1,829	77	1,521	78	13
12	988	66	1,684	68	1,452	65	1,107	57	1,485	56	1,577	65	1,707	68	12
11	1,176	59	1,746	56	1,165	55	1,528	49	1,348	46	2,291	54	1,629	56	11
10	1,669	51	1,278	44	1,462	47	1,128	39	1,284	37	1,770	39	2,007	45	10
9	1,256	40	1,523	35	1,717	38	864	31	1,061	28	1,921	27	1,592	31	9
8	937	31	1,111	25	1,238	26	1,015	25	1,342	21	883	13	1,284	21	8
7	1,079	25	917	17	1,154	17	668	19	1,088	12	527	7	600	12	7
6	874	18	422	11	614	10	945	14	444	4	165	4	466	8	6
5	654	12	515	8	389	5	620	8	106	1	203	3	262	5	5
4	522	7	422	5	161	3	309	3	46	1	79	1	148	3	4
3	335	4	245	2	150	2	117	1	16	1	76	1	127	2	3
2	170	1	36	1	51	1	56	1	3	1	3	1	101	1	2
1	21	1	6	1	32	1	1	1	1	1	37	1	24	1	1
Avg (SD)	10.6 (4.1)		10.8 (3.4)		11.1 (3.7)		11.6 (4.0)		12.0 (3.5)		11.3 (2.8)		10.9 (3.1)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	26	26	27	25	26
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	16	18	17	18	18

Total Students in Report: 14,673

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	14,673	82	22.6	18.6
	African American/Black	3,099	67	18.2	15.5
	American Indian/Alaska Native	149	74	20.2	16.5
	Caucasian American/White	9,377	86	23.8	20.9
	Hispanic	596	81	21.0	17.2
	Asian American/Pacific Islander	490	91	24.5	22.9
	Other/No Response	962	76	22.8	19.7
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.1	22.3	22.2	21.6	21.9
	African American/Black	15.6	18.4	17.2	17.8	17.4
	American Indian/Alaska Native	18.2	19.6	19.6	19.2	19.3
	Caucasian American/White	23.0	23.5	23.8	22.8	23.4
	Hispanic	18.8	21.1	20.6	20.3	20.3
	Asian American/Pacific Islander	23.2	26.0	23.8	23.8	24.3
	Other/No Response	21.6	22.6	22.8	21.8	22.3
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 14,673

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	748	5	586	4	1,004	7	386	3
	28 to 32	1,810	12	1,799	12	2,380	16	1,273	9
	24 to 27	2,797	19	3,817	26	2,561	17	3,321	23
	20 to 23	3,579	24	3,234	22	3,478	24	4,880	33
	16 to 19	2,556	17	4,124	28	2,792	19	3,097	21
	13 to 15	1,560	11	1,063	7	1,611	11	1,144	8
	01 to 12	1,623	11	50	0	847	6	572	4
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	6,292	43	20.5	22.8	21.9	21.9	21.9
	Females	8,374	57	21.6	21.9	22.4	21.3	21.9
	Missing	7	0	15.1	16.7	18.0	17.3	17.1
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	66	58	56	38	33
	Females	73	52	60	31	27
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 14,673

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	11,960	75	21.9	61	23.0	63	22.9	38	22.2	33	22.6
	Less than Core	2,474	44	17.1	28	19.3	34	18.8	15	18.6	12	18.6
	Missing ³	239	60	20.3	48	21.8	53	21.6	31	20.8	26	21.3
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	14,290	70	21.1	14,106	56	22.5	13,475	59	22.3	12,875	37	22.1
	Less than Core	171	54	18.5	350	6	16.1	980	44	20.3	1,580	8	17.5
	Missing ³	212	63	20.9	217	50	22.1	218	56	22.0	218	33	21.1
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

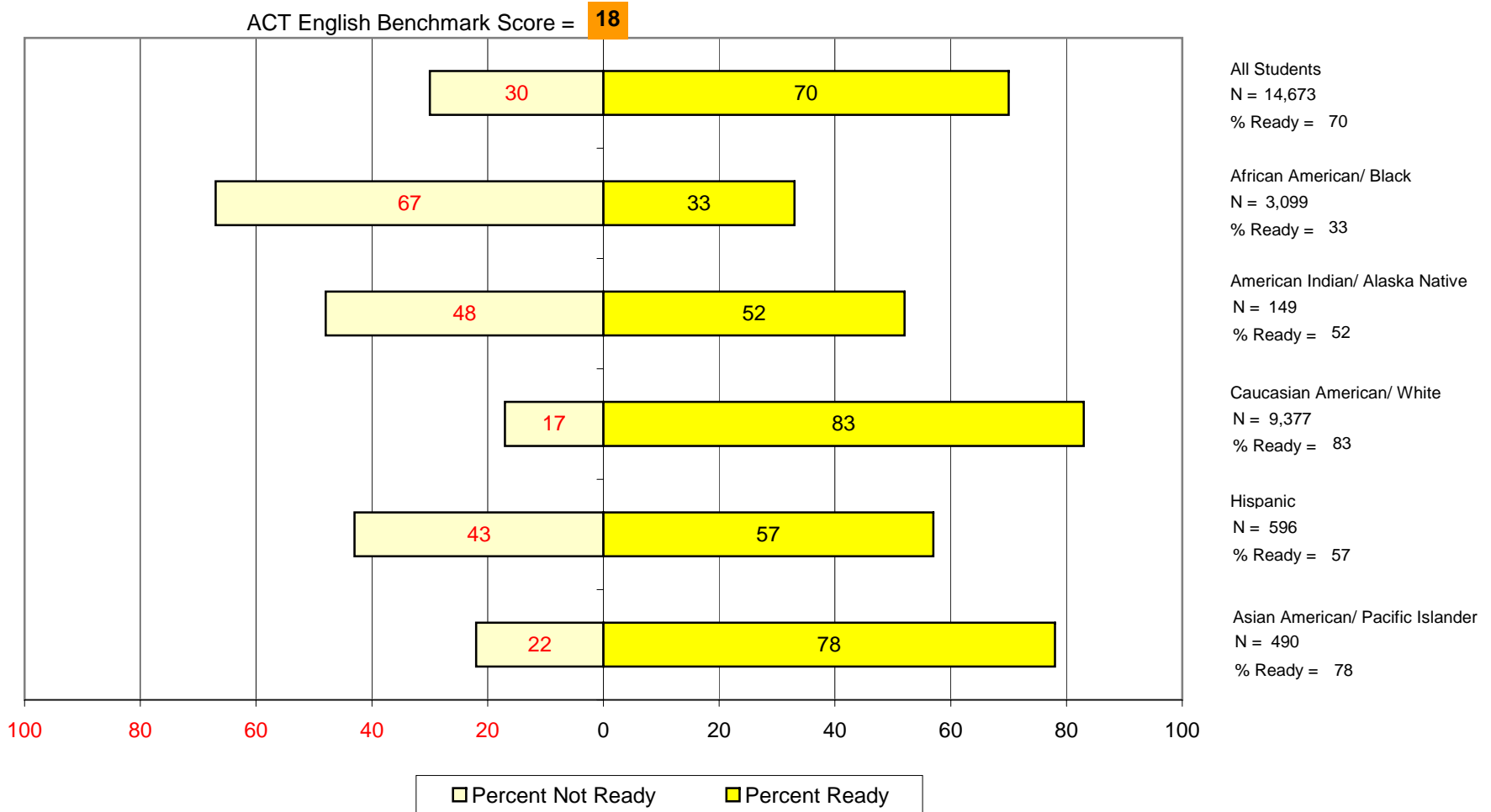
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Section III

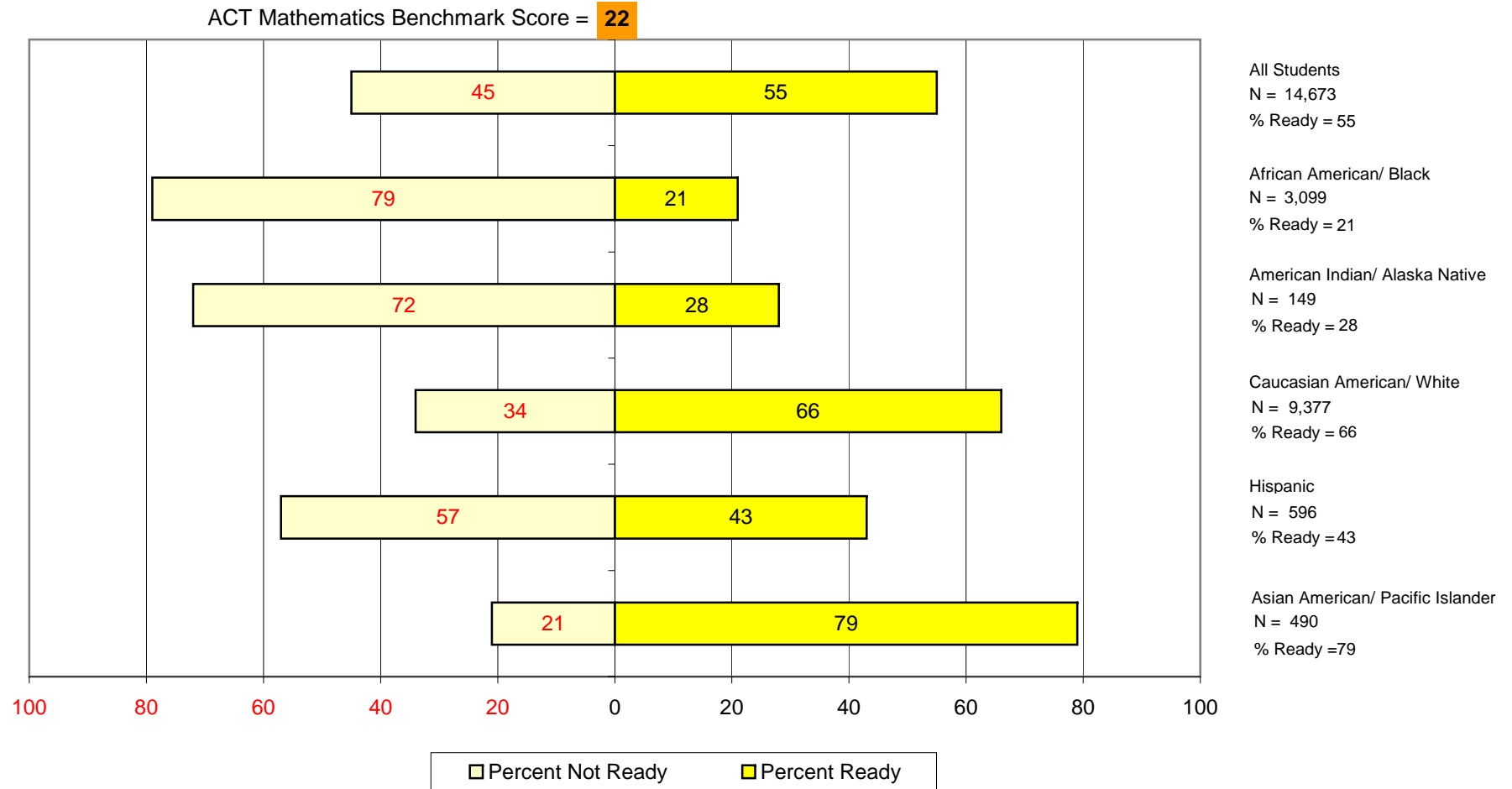
College Readiness and the Impact of Course Rigor

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH



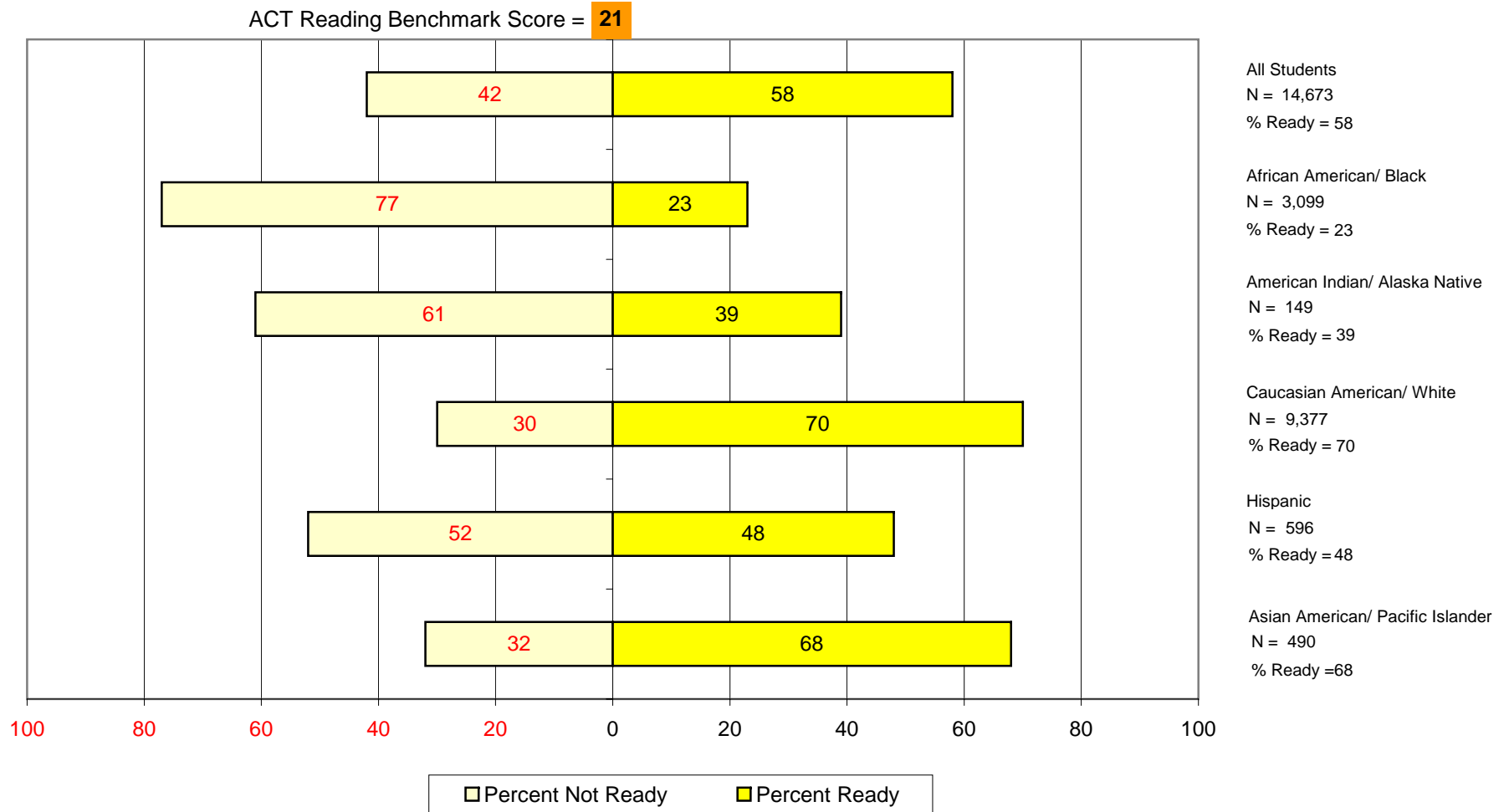
Total Students in Report: 14,673

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



Total Students in Report: 14,673

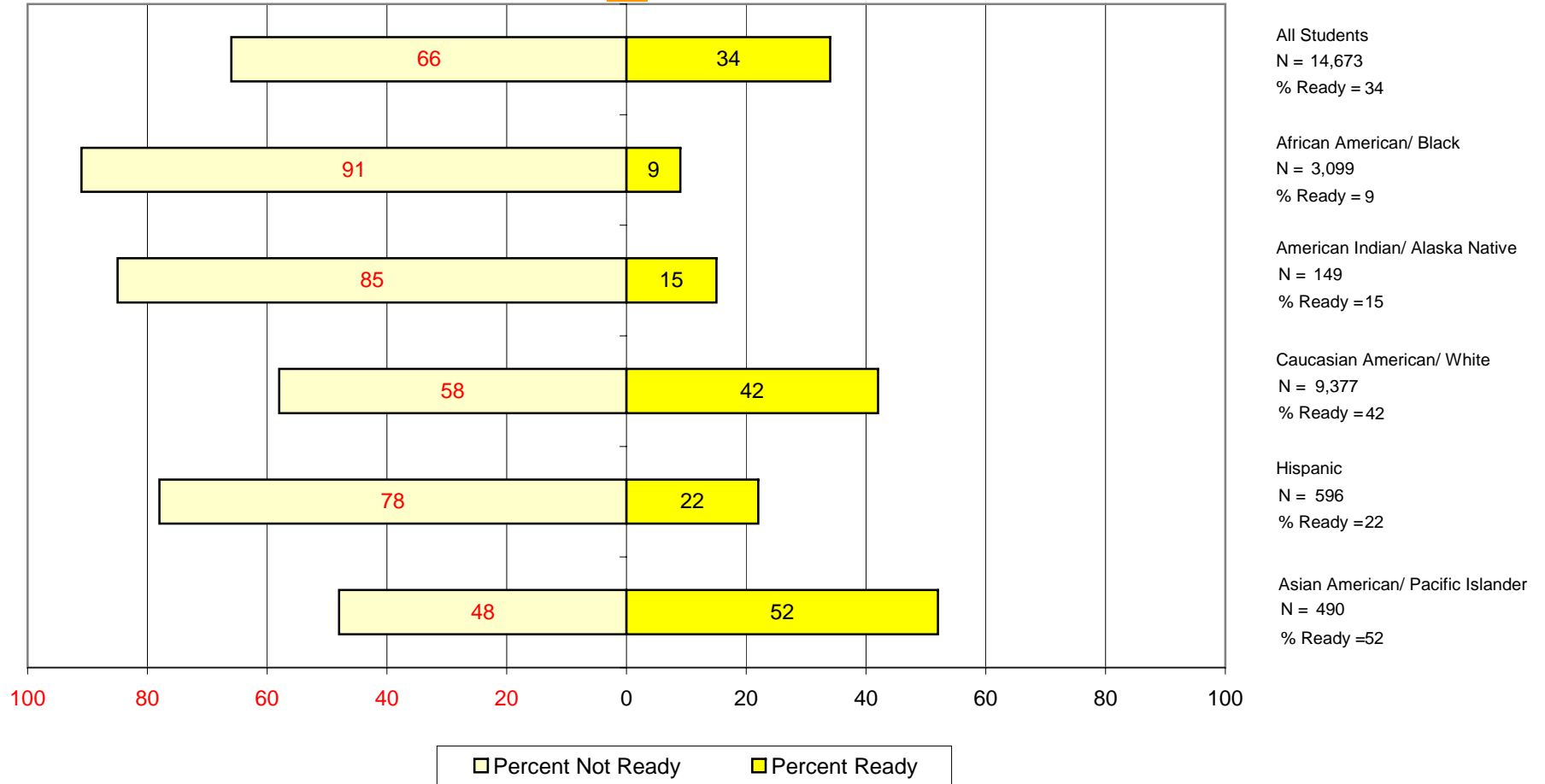
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 14,673

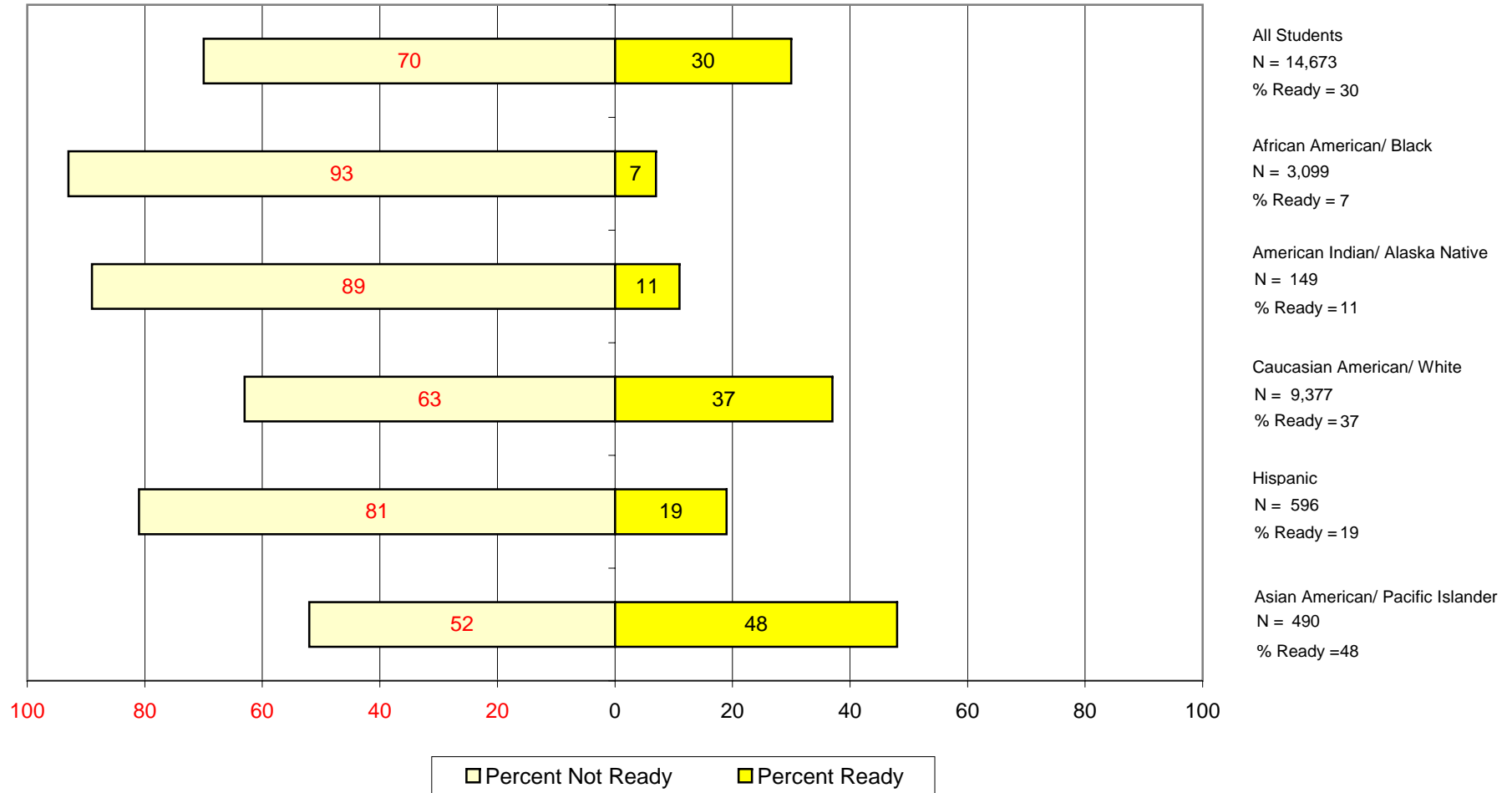
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 14,673

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



Total Students in Report: 14,673

Table 3.1. Average ACT Scores and Average ACT 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	2,747	19	22.6	4.1	1,106	18	21.8	3.9	1,640	20	23.1	4.1
Eng 9, Eng 10, Eng 11, Eng 12	11,543	79	20.8	2.3	4,994	79	20.3	2.4	6,545	78	21.2	2.2
Less than 4 years of English	171	1	18.5	-	77	1	17.9	-	94	1	19.0	-
Zero years / no English courses reported	212	1	20.9	-	115	2	20.2	-	95	1	21.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	601	4	25.4	9.3	276	4	25.6	9.2	325	4	25.2	9.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,184	8	22.6	6.5	389	6	23.2	6.8	795	9	22.3	6.4
Alg 1, Alg 2, Geom, & Trig	338	2	19.6	3.5	142	2	19.8	3.4	196	2	19.5	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	4,720	32	20.1	4.0	1,711	27	20.3	3.9	3,009	36	19.9	4.0
Other comb of 4 or more years of Math	6,122	42	24.5	8.4	2,967	47	24.9	8.5	3,154	38	24.2	8.3
Alg 1, Alg 2, & Geom	504	3	18.0	1.9	204	3	18.3	1.9	297	4	17.9	2.0
Other comb of 3 or 3.5 years of Math	637	4	22.4	6.3	317	5	22.1	5.7	320	4	22.7	6.8
Less than 3 years of Math	350	2	16.1	-	167	3	16.4	-	182	2	15.9	-
Zero years / no Math courses reported	217	1	22.1	-	119	2	22.8	-	96	1	21.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	751	5	23.3	3.0	382	6	23.3	3.4	369	4	23.3	2.7
Other comb of 4 or more years Social Science	6,823	47	23.3	3.0	2,849	45	23.0	3.1	3,971	47	23.6	3.0
US Hist, World Hist, & Am Gov	1,752	12	19.9	-0.4	789	13	19.8	-0.1	962	11	20.0	-0.6
Other comb of 3 or 3.5 years of Social Science	4,149	28	21.5	1.2	1,735	28	21.1	1.2	2,413	29	21.9	1.3
Less than 3 years of Social Science	980	7	20.3	-	417	7	19.9	-	563	7	20.6	-
Zero years / no Social Science courses reported	218	1	22.0	-	120	2	22.0	-	96	1	22.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	5,399	37	23.3	5.8	2,778	44	23.8	6.7	2,618	31	22.7	4.9
Bio, Chem, Phys	339	2	25.1	7.6	135	2	25.6	8.5	204	2	24.8	7.0
Gen Sci ² , Bio, Chem	6,621	45	21.2	3.7	2,293	36	21.2	4.1	4,327	52	21.2	3.4
Other comb of 3 years of Natural Science	516	4	18.6	1.1	248	4	18.9	1.8	268	3	18.2	0.4
Less than 3 years of Natural Science	1,580	11	17.5	-	719	11	17.1	-	860	10	17.8	-
Zero years / no Natural Science courses reported	218	1	21.1	-	119	2	21.7	-	97	1	20.4	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 14,673

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	2,747	19	22.6	77	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	11,543	79	20.8	69	1,096,437	70	20.5	66
Less than 4 years of English	171	1	18.5	54	74,180	5	16.4	39
Zero years / no English courses reported	212	1	20.9	63	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	601	4	25.4	80	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,184	8	22.6	63	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	338	2	19.6	31	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	4,720	32	20.1	37	239,289	15	20.0	36
Other comb of 4 or more years of Math	6,122	42	24.5	72	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	504	3	18.0	18	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	637	4	22.4	59	74,720	5	19.9	35
Less than 3 years of Math	350	2	16.1	6	97,949	6	16.4	7
Zero years / no Math courses reported	217	1	22.1	50	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	751	5	23.3	66	47,523	3	22.6	60
Other comb of 4 or more years Social Science	6,823	47	23.3	65	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	1,752	12	19.9	43	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	4,149	28	21.5	54	439,520	28	21.2	51
Less than 3 years of Social Science	980	7	20.3	44	156,679	10	19.5	39
Zero years / no Social Science courses reported	218	1	22.0	56	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	5,399	37	23.3	48	620,765	40	22.2	40
Bio, Chem, Phys	339	2	25.1	61	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	6,621	45	21.2	29	474,375	30	20.1	21
Other comb of 3 years of Natural Science	516	4	18.6	13	43,231	3	19.7	21
Less than 3 years of Natural Science	1,580	11	17.5	8	231,566	15	18.3	12
Zero years / no Natural Science courses reported	218	1	21.1	33	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 14,673

Table 4.1. Distribution of Planned Educational Majors for All Students 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	144	1	19.8	9	4	16.6	126	1	20.2
Architecture & Environmental Design	247	2	21.7	4	2	16.3	231	2	21.8
Business & Management	1,503	10	20.9	20	8	15.3	1,379	11	21.0
Business & Office	69	0	18.1	5	2	12.4	59	0	18.7
Marketing & Distribution	158	1	19.9	6	2	16.5	134	1	20.5
Communications & Comm. Technologies	403	3	22.2	0	0	.	371	3	22.3
Community & Personal Services	234	2	18.4	10	4	15.9	213	2	18.7
Computer & Information Sciences	287	2	20.6	9	4	17.3	248	2	20.7
Cross-Disciplinary Studies	53	0	24.8	2	1	13.0	45	0	25.3
Education	650	4	20.8	8	3	16.5	608	5	20.9
Teacher Education	428	3	19.7	9	4	16.7	391	3	19.9
Engineering	682	5	24.4	1	0	22.0	641	5	24.4
Engineering-Related Technologies	419	3	22.1	9	4	16.8	379	3	22.4
Foreign Languages	111	1	25.4	2	1	17.5	103	1	25.4
Health Sciences & Allied Health Fields	3,106	21	21.1	67	27	17.3	2,861	22	21.2
Human, Family & Consumer Science	127	1	19.9	2	1	19.0	120	1	20.0
Letters	79	1	24.7	0	0	.	76	1	24.8
Mathematics	104	1	24.3	1	0	12.0	96	1	24.5
Philosophy, Religion & Theology	85	1	22.1	4	2	16.5	76	1	22.4
Sciences (Biological & Physical)	1,445	10	24.1	4	2	20.5	1,369	10	24.1
Social Sciences	1,066	7	22.7	4	2	15.0	987	8	22.9
Trade & Industrial	30	0	17.0	8	3	14.8	18	0	18.2
Visual & Performing Arts	771	5	21.7	21	9	17.9	686	5	21.8
Undecided	2,166	15	22.8	40	16	16.8	1,805	14	23.0
No Response	306	2	20.8	1	0	13.0	36	0	20.5

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 14,673

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 American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	32	17.8	8	14.3	0	.	20	19.3	2	17.5	0	.	2	17.0
2-yr College Degree	214	16.5	72	14.6	5	14.4	112	18.1	13	15.2	1	23.0	11	15.5
Bachelors Degree	5,230	20.3	1,116	16.2	54	18.6	3,546	21.7	184	18.5	86	21.0	244	19.7
Graduate Study	3,300	23.1	513	18.5	26	20.5	2,405	24.2	99	22.4	70	23.4	187	22.6
Prof. Level Degree	4,528	23.4	1,047	18.7	54	20.0	2,555	25.3	233	21.7	277	25.9	362	23.8
Other	226	18.1	89	15.1	3	17.3	95	20.8	14	16.6	4	19.5	21	19.5
No Response	1,143	21.9	254	16.3	7	18.4	644	23.8	51	18.8	52	23.4	135	23.6

Total Students in Report: 14,673

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
NORTH CAROLINA STATE UNIV AT RALEIGH	North Carolina	2,654	824	1,830	1	4	15	30	32	17	2
UNIV OF NORTH CAROLINA AT CHAPEL HILL	North Carolina	2,548	1,009	1,539	1	3	10	23	34	26	4
EAST CAROLINA UNIVERSITY	North Carolina	2,081	658	1,423	2	11	30	34	18	4	0
APPALACHIAN STATE UNIVERSITY	North Carolina	1,837	623	1,214	1	5	20	36	27	10	1
UNIV OF NORTH CAROLINA AT WILMINGTON	North Carolina	1,652	379	1,273	0	4	19	39	28	9	0
UNIV OF NORTH CAROLINA AT CHARLOTTE	North Carolina	1,331	289	1,042	2	9	30	34	21	5	0
UNIV OF NORTH CAROLINA AT GREENSBORO	North Carolina	1,100	206	894	3	13	31	32	17	5	0
WESTERN CAROLINA UNIVERSITY	North Carolina	848	211	637	2	10	33	35	17	4	0
DUKE UNIVERSITY	North Carolina	669	223	446	0	3	8	16	26	37	9
WAKE FOREST UNIVERSITY	North Carolina	581	91	490	1	6	13	22	26	29	3
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	537	166	371	9	32	38	14	5	1	0
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	531	149	382	10	31	41	14	4	0	0
UNIV OF SOUTH CAROLINA-COLUMBIA	South Carolina	513	129	384	1	2	8	27	42	20	1
ELON UNIVERSITY	North Carolina	470	108	362	1	3	14	26	34	20	2
CLEMSON UNIVERSITY	South Carolina	447	92	355	1	4	7	21	39	26	3
NCAA ELIGIBILITY CENTER	Indiana	414	221	193	7	20	31	23	13	6	0
WINSTON-SALEM STATE UNIVERSITY	North Carolina	412	108	304	9	34	39	15	2	1	0
CAMPBELL UNIVERSITY	North Carolina	383	115	268	3	8	27	29	24	8	1
UNIV OF NORTH CAROLINA AT PEMBROKE	North Carolina	343	85	258	7	22	42	21	7	1	0
UNIV OF NORTH CAROLINA AT ASHEVILLE	North Carolina	299	51	248	1	4	21	31	31	12	1
DAVIDSON COLLEGE	North Carolina	250	61	189	0	3	5	18	27	39	6
WINGATE UNIVERSITY	North Carolina	246	58	188	4	13	32	28	17	5	0
VIRGINIA TECH	Virginia	237	31	206	0	4	3	19	33	34	6
FAYETTEVILLE STATE UNIVERSITY	North Carolina	232	61	171	11	36	37	11	3	1	0
HIGH POINT UNIVERSITY	North Carolina	231	65	166	1	10	26	33	25	5	0
LIBERTY UNIVERSITY	Virginia	221	86	135	1	6	24	32	28	10	0
GARDNER-WEBB UNIVERSITY	North Carolina	185	48	137	1	15	35	24	18	7	0
COLLEGE OF CHARLESTON	South Carolina	183	52	131	0	1	9	28	38	22	2
UNIVERSITY OF GEORGIA	Georgia	182	42	140	1	2	4	14	49	26	4
LENOIR-RHYNE UNIVERSITY	North Carolina	159	30	129	1	12	38	28	17	4	0
All Other Institutions		9,574	2,693	6,881	3	12	22	24	20	17	3
Total		31,350	8,964	22,386	2	10	22	27	23	14	2

Section V Optional Writing Test Results

Total Students in Report: 14,673

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	11,707	869,014	21.6	21.4	7.1	7.1	20.9	20.8
African American/Black	2,330	107,638	16.0	16.4	6.4	6.4	16.1	16.4
American Indian/Alaska Native	118	6,232	18.4	18.9	6.6	6.6	18.1	18.4
Caucasian American/White	7,539	518,004	23.4	23.0	7.4	7.3	22.4	22.1
Hispanic	504	101,126	19.1	18.1	7.0	6.9	18.9	18.1
Asian American/Pacific Islander	444	49,922	23.6	23.6	7.7	7.7	22.9	22.9
Other/No Response	772	86,092	22.4	21.0	7.2	7.1	21.5	20.4
Males	4,882	384,152	21.1	21.1	6.9	6.9	20.3	20.3
Females	6,820	484,023	22.0	21.7	7.3	7.3	21.4	21.2
Missing	5	839	17.4	16.8	5.8	6.3	16.4	16.6

