

ACT High School Profile Report

The Graduating Class of 2008
Florida



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This report provides information about the performance of your 2008 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 2008 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, 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

15% of 2008 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. 93,884 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 9% of the cohort took less than three years of math courses. Of these students, 10% were college ready. 23% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 10% of these students were college ready. In comparison, 49% 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 23% of the cohort took less than three years of natural science courses. 9% of these students were college ready. In comparison, 23% 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 54% 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.

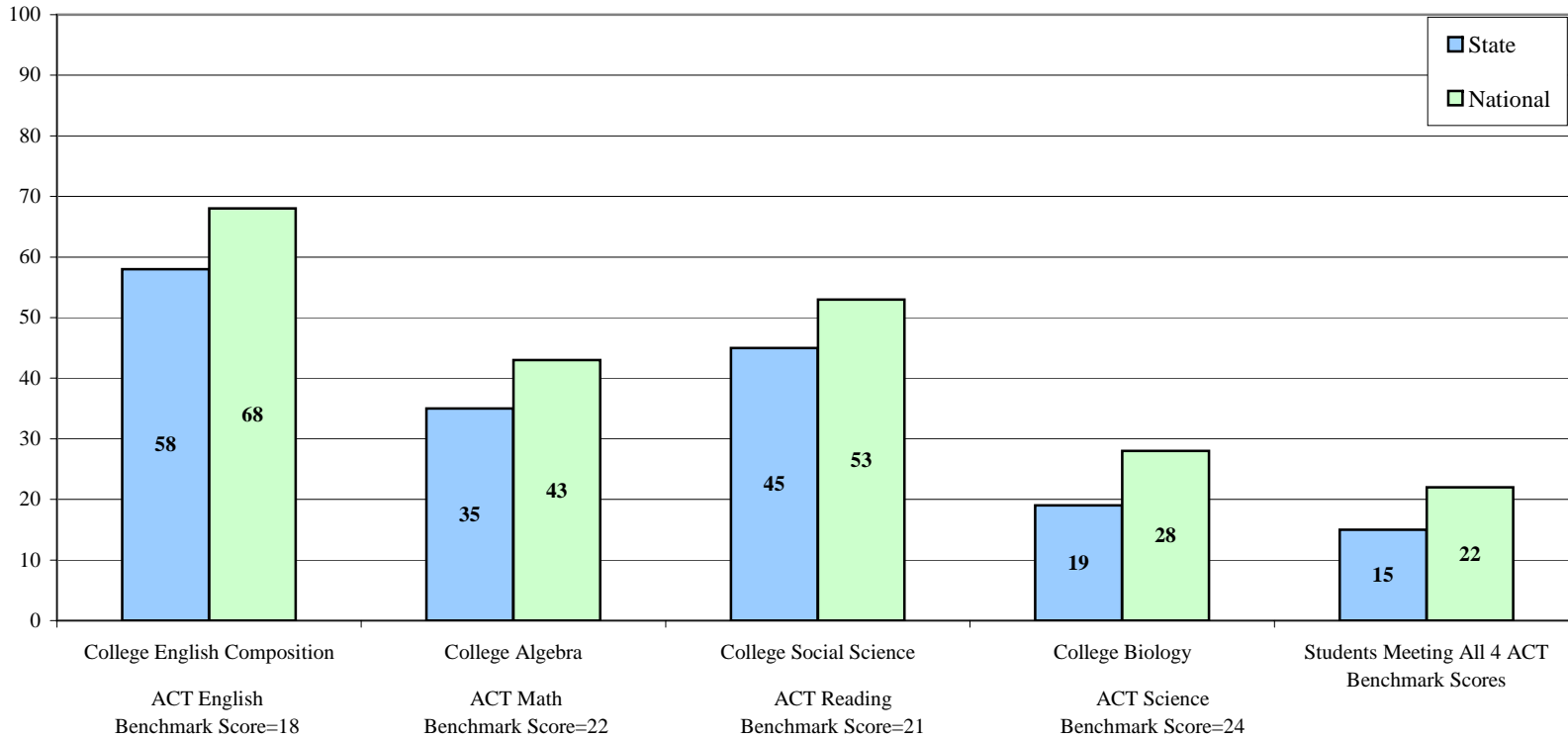
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 850-878-2729.

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
2004	56,431	1,171,460	65	68	38	40	50	52	21	26	17	21
2005	58,302	1,186,251	64	68	37	41	49	51	21	26	17	21
2006	66,299	1,206,455	64	69	38	42	50	53	20	27	17	21
2007	81,527	1,300,599	60	69	36	43	46	53	20	28	16	23
2008	93,884	1,421,941	58	68	35	43	45	53	19	28	15	22

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
2004	56,431	1,171,460	19.9	20.4	20.4	20.7	21.0	21.3	20.2	20.9	20.5	20.9
2005	58,302	1,186,251	19.8	20.4	20.4	20.7	20.9	21.3	20.1	20.9	20.4	20.9
2006	66,299	1,206,455	19.6	20.6	20.3	20.8	20.9	21.4	19.9	20.9	20.3	21.1
2007	81,527	1,300,599	19.1	20.7	20.0	21.0	20.5	21.5	19.5	21.0	19.9	21.2
2008	93,884	1,421,941	19.0	20.6	20.0	21.0	20.3	21.4	19.3	20.8	19.8	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
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
2008	1,421,941	20.6	21.0	21.4	20.8	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
2004	32,687	16,617	58	29	20.7	18.5	21.1	19.1	21.7	19.8	20.8	19.1	21.2	19.2
2005	32,803	17,480	56	30	20.6	18.4	21.0	19.1	21.6	19.8	20.7	19.1	21.1	19.3
2006	34,385	21,720	52	33	20.7	18.3	21.2	19.1	21.8	19.8	20.7	18.9	21.2	19.1
2007	38,372	27,567	47	34	20.4	17.6	21.1	18.8	21.6	19.3	20.6	18.4	21.1	18.7
2008	58,758	27,567	63	29	20.2	17.0	20.9	18.2	21.3	18.7	20.2	17.7	20.8	18.0

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

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	56,431	100	20.5	58,302	100	20.4	66,299	100	20.3	81,527	100	19.9	93,884	100	19.8
African American/Black	10,289	18	17.2	11,186	19	16.9	12,509	19	16.8	16,197	20	16.4	20,215	22	16.4
American Indian/Alaska Native	187	0	20.9	205	0	20.8	240	0	20.2	273	0	20.6	311	0	20.3
Caucasian American/White	29,829	53	21.8	29,955	51	21.8	30,719	46	21.8	34,557	42	21.6	41,431	44	21.6
Hispanic	8,438	15	19.6	9,027	15	19.7	10,120	15	19.6	13,335	16	19.0	18,288	19	18.8
Asian American/Pacific Islander	1,896	3	21.8	1,895	3	22.0	2,056	3	21.7	2,456	3	21.7	2,967	3	21.9
Other/No Response	5,792	10	20.7	6,034	10	20.9	10,655	16	20.5	14,709	18	20.4	10,672	11	20.4

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	59	100	151	100	365	100	97	100	15	100	36
35	487	100	324	100	578	100	205	100	99	100	35
34	803	99	351	99	854	99	226	100	162	100	34
33	675	99	676	99	1,240	98	358	99	372	100	33
32	859	98	624	98	1,534	97	343	99	553	99	32
31	1,037	97	666	98	1,844	95	474	99	881	99	31
30	1,425	96	1,320	97	2,399	93	765	98	1,237	98	30
29	1,685	94	1,604	96	2,243	91	777	97	1,747	96	29
28	2,007	93	2,488	94	2,576	88	1,293	97	2,492	95	28
27	1,920	90	2,940	91	2,585	85	1,915	95	2,477	92	27
26	2,790	88	3,839	88	2,871	83	2,447	93	3,114	89	26
25	3,745	85	4,617	84	3,291	80	4,683	91	3,930	86	25
24	3,861	81	4,564	79	4,413	76	4,351	86	4,556	82	24
23	4,138	77	4,588	74	5,422	71	4,915	81	5,324	77	23
22	5,447	73	4,252	69	4,382	66	7,407	76	5,990	71	22
21	7,105	67	5,176	65	5,760	61	6,308	68	6,711	65	21
20	6,307	59	4,764	59	5,713	55	9,231	61	7,198	58	20
19	5,336	53	5,576	54	6,636	49	8,262	51	6,097	50	19
18	4,743	47	7,344	48	4,249	42	6,938	42	6,259	44	18
17	4,928	42	8,282	40	5,869	37	4,930	35	6,395	37	17
16	4,820	37	10,812	32	5,910	31	6,555	30	6,556	30	16
15	6,011	32	10,420	20	6,174	25	4,407	23	6,553	23	15
14	4,670	25	5,451	9	5,184	18	4,140	18	6,103	16	14
13	4,088	20	1,997	3	4,869	13	3,643	14	4,876	10	13
12	3,263	16	730	1	2,743	7	3,514	10	2,831	4	12
11	3,651	12	205	1	2,288	4	2,840	6	977	1	11
10	3,531	9	66	1	1,025	2	1,466	3	274	1	10
9	2,121	5	25	1	430	1	784	1	73	1	9
8	1,419	3	15	1	173	1	326	1	21	1	8
7	685	1	0	1	147	1	143	1	9	1	7
6	178	1	11	1	44	1	69	1	1	1	6
5	67	1	0	1	51	1	19	1	1	1	5
4	17	1	4	1	8	1	26	1	0	1	4
3	4	1	0	1	7	1	18	1	0	1	3
2	0	1	0	1	5	1	0	1	0	1	2
1	2	1	2	1	2	1	9	1	0	1	1
Avg (SD)	19.0 (6.1)		20.0 (5.0)		20.3 (6.0)		19.3 (5.0)		19.8 (5.0)		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	1,849	100	287	100	1,618	100	1,978	100	2,757	100	384	100	503	100	18
17	2,648	98	1,350	100	2,816	98	4,370	98	3,402	97	904	100	144	99	17
16	2,968	95	2,723	98	3,718	95	5,288	93	4,114	93	1,333	99	2,063	99	16
15	2,984	92	4,755	95	4,441	91	5,904	88	4,142	89	2,315	97	2,933	97	15
14	4,109	89	3,807	90	4,063	87	6,414	81	5,696	85	6,165	95	6,085	94	14
13	5,440	84	6,026	86	6,411	82	4,294	74	6,982	79	5,886	88	6,942	88	13
12	5,339	79	9,742	80	6,585	75	7,601	70	7,231	71	8,700	82	9,028	80	12
11	8,102	73	9,893	69	9,461	68	8,264	62	8,505	63	11,096	73	10,616	70	11
10	9,548	64	12,398	59	9,002	58	8,676	53	8,434	54	16,371	61	13,722	59	10
9	9,689	54	9,011	46	12,004	49	7,754	44	7,288	45	12,593	43	14,917	45	9
8	8,820	44	10,838	36	11,544	36	9,344	36	11,447	38	12,131	30	9,642	29	8
7	7,935	34	7,755	25	9,177	24	6,804	26	12,613	25	4,065	17	5,920	18	7
6	7,766	26	5,689	16	5,853	14	5,921	18	7,221	12	5,492	13	3,620	12	6
5	6,794	18	3,971	10	3,498	8	6,945	12	2,403	4	3,306	7	4,238	8	5
4	6,137	11	3,769	6	2,020	4	2,741	5	1,019	2	1,361	3	1,026	4	4
3	2,677	4	1,530	2	1,036	2	1,043	2	443	1	1,299	2	1,795	3	3
2	1,004	1	301	1	470	1	527	1	159	1	156	1	355	1	2
1	75	1	39	1	167	1	16	1	28	1	327	1	335	1	1
Avg (SD)	9.3 (3.8)		9.8 (3.3)		10.1 (3.5)		10.4 (3.9)		10.4 (3.6)		9.9 (2.9)		9.9 (3.0)		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)	23	24	24	22	23
Q2 (50th Percentile)	19	19	20	19	19
Q1 (25th Percentile)	14	16	16	16	16

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	93,884	63	20.8	18.0
	African Am./Black	20,215	55	17.3	15.4
	Am. Indian/Alaska Native	311	63	21.0	18.9
	Caucasian Am./White	41,431	65	22.4	19.8
	Hispanic	18,288	66	19.8	16.9
	Asian Am./Pacific Islander	2,967	77	22.4	20.2
	Other/No Response	10,672	57	21.2	18.8
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.0	20.0	20.3	19.3	19.8
	African Am./Black	15.1	16.9	16.7	16.2	16.4
	Am. Indian/Alaska Native	19.4	20.2	21.0	19.8	20.3
	Caucasian Am./White	21.1	21.5	22.3	20.9	21.6
	Hispanic	17.8	19.1	19.2	18.4	18.8
	Asian Am./Pacific Islander	21.0	23.2	21.7	21.3	21.9
	Other/No Response	19.7	20.6	20.9	19.7	20.4
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

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	2,024	2	1,502	2	3,037	3	886	1
	28 to 32	7,013	7	6,702	7	10,596	11	3,652	4
	24 to 27	12,316	13	15,960	17	13,160	14	13,396	14
	20 to 23	22,997	24	18,780	20	21,277	23	27,861	30
	16 to 19	19,827	21	32,014	34	22,664	24	26,685	28
	13 to 15	14,769	16	17,868	19	16,227	17	12,190	13
	01 to 12	14,938	16	1,058	1	6,923	7	9,214	10
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	37,924	40	18.5	20.5	20.0	19.6	19.8
	Females	54,010	58	19.3	19.6	20.4	19.0	19.7
	Missing	1,950	2	21.3	22.1	22.5	20.8	21.8
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

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	55	40	43	23	18
	Females	60	31	46	16	13
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	58,758	67	20.2	42	20.9	52	21.3	23	20.2	19	20.8
	Non-Core	27,567	42	17.0	21	18.2	33	18.7	11	17.7	9	18.0
	Missing	7,559	45	17.4	31	19.3	37	19.1	16	18.2	14	18.6
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates 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	82,741	59	19.2	79,048	38	20.4	79,094	47	20.6	65,846	23	20.0
	Non-Core	4,885	54	18.5	8,085	9	16.4	8,155	36	19.1	20,873	9	17.3
	Missing	6,258	45	17.4	6,751	31	19.3	6,635	37	19.1	7,165	16	18.3
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

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

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

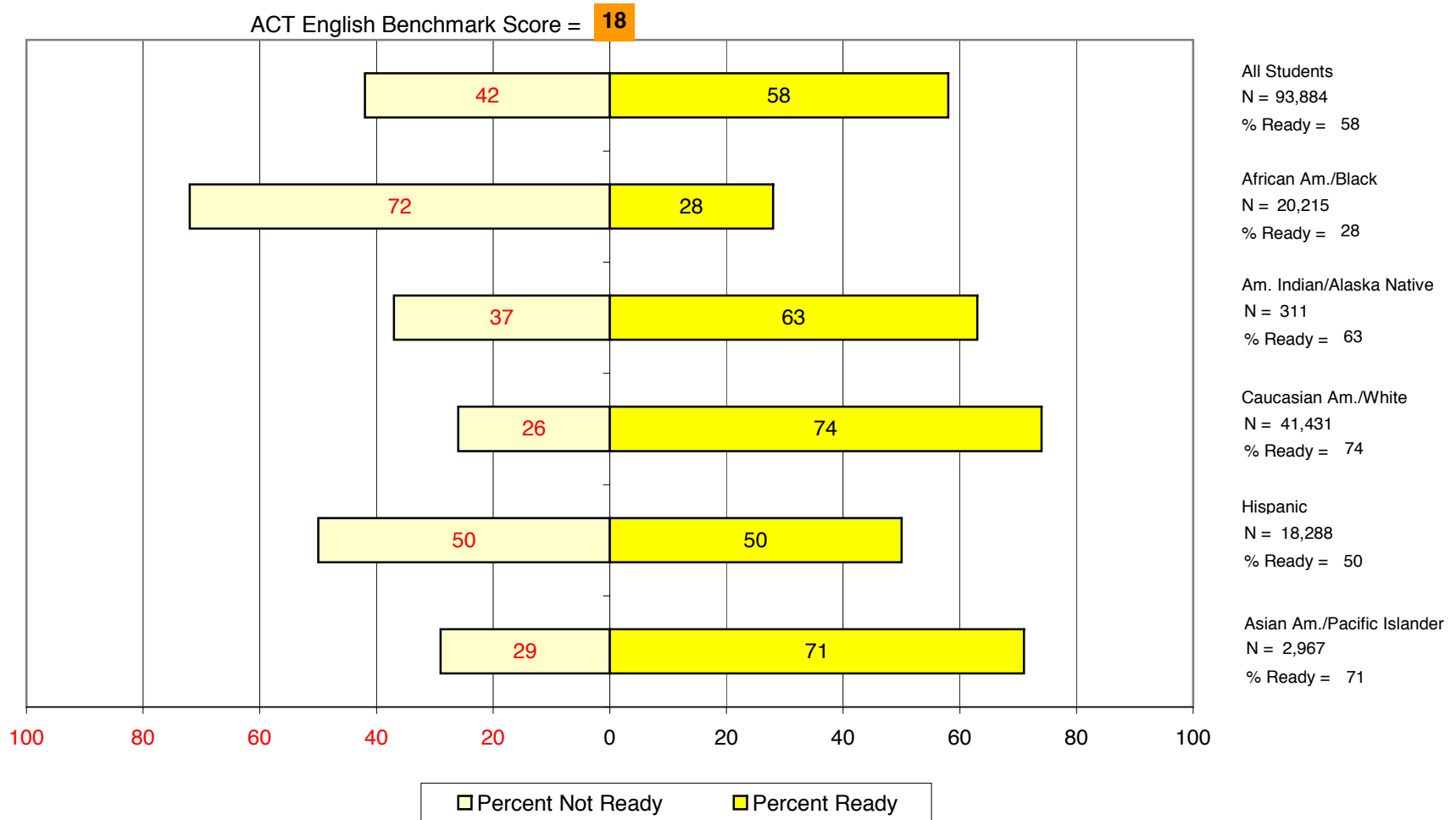


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

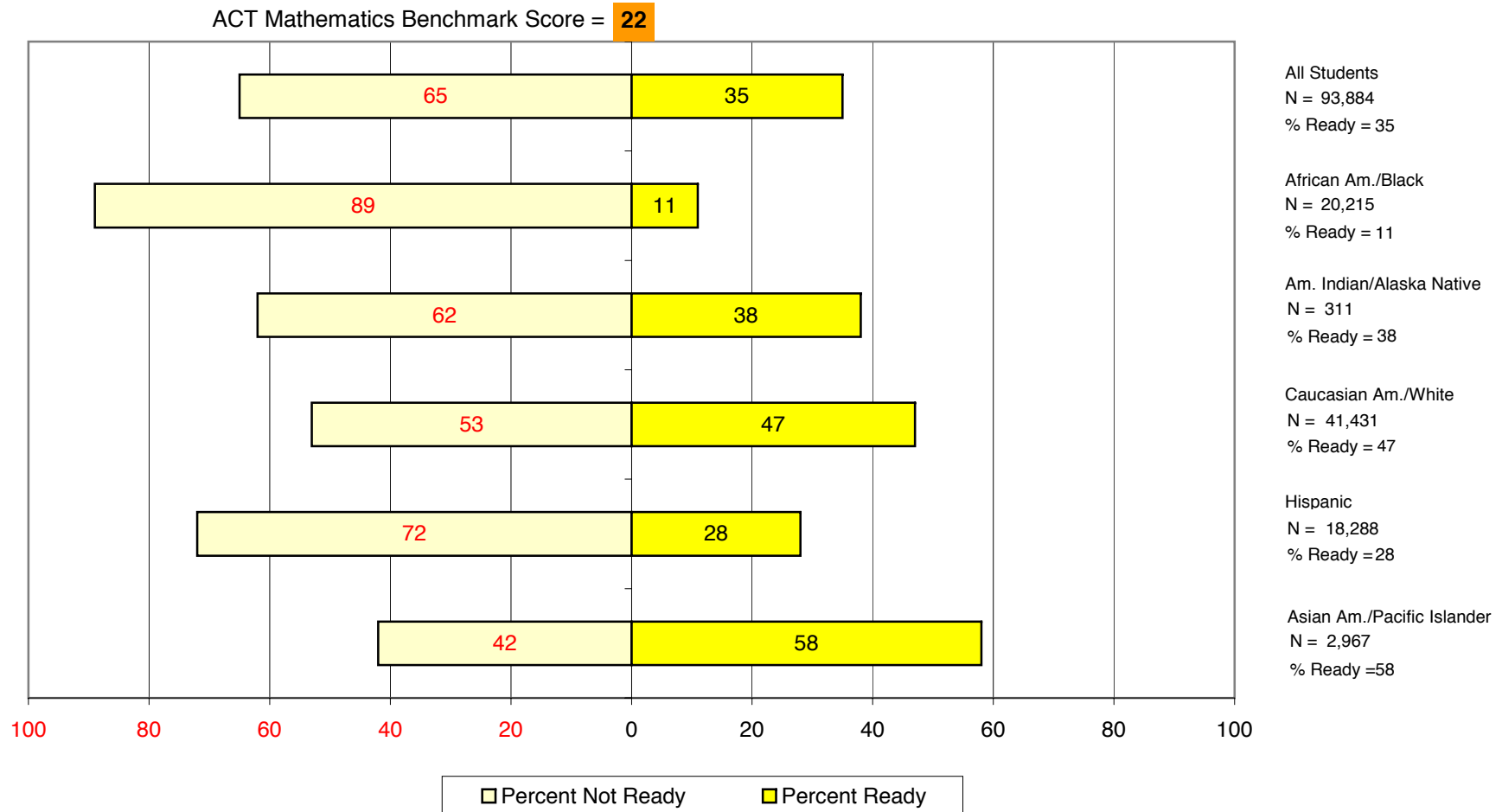


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

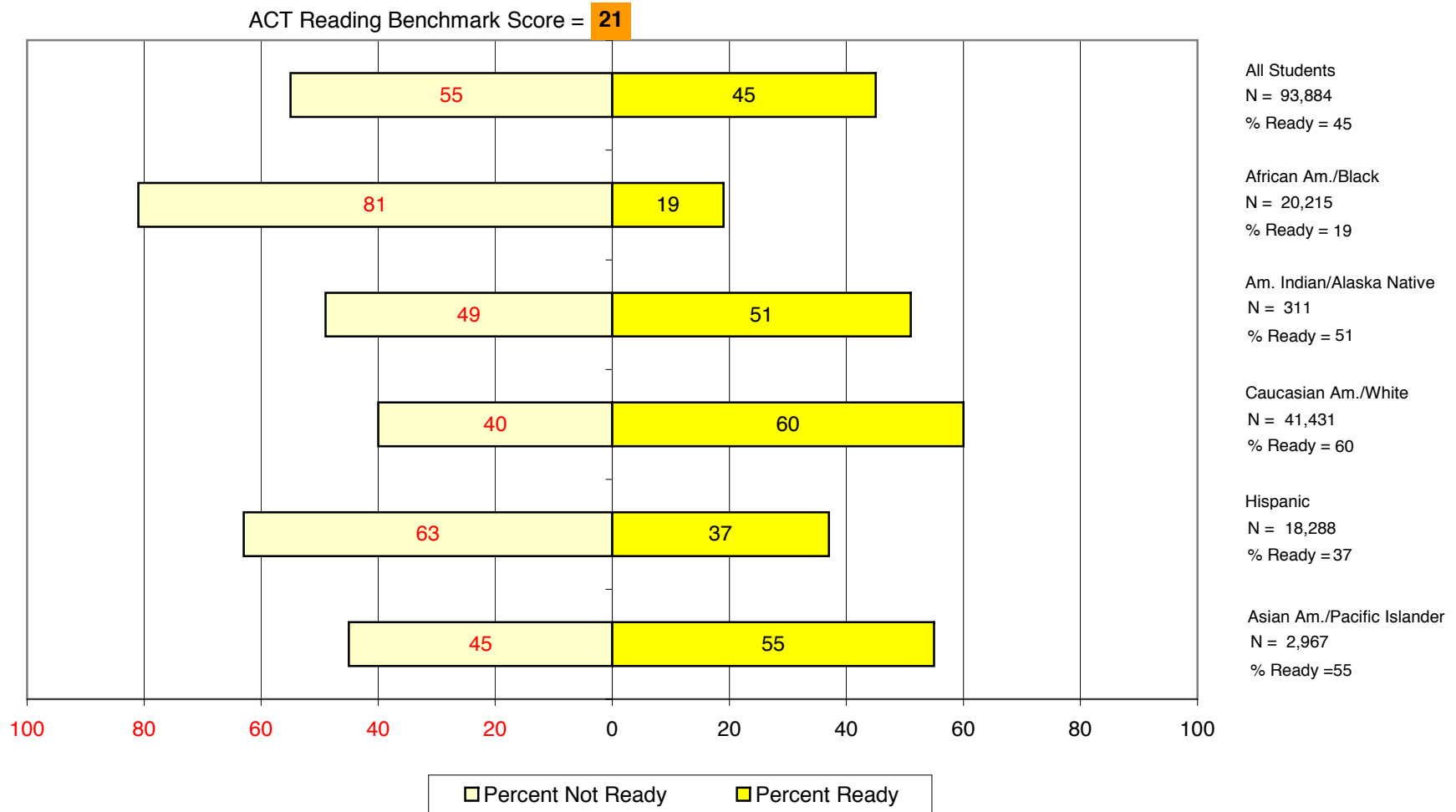


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

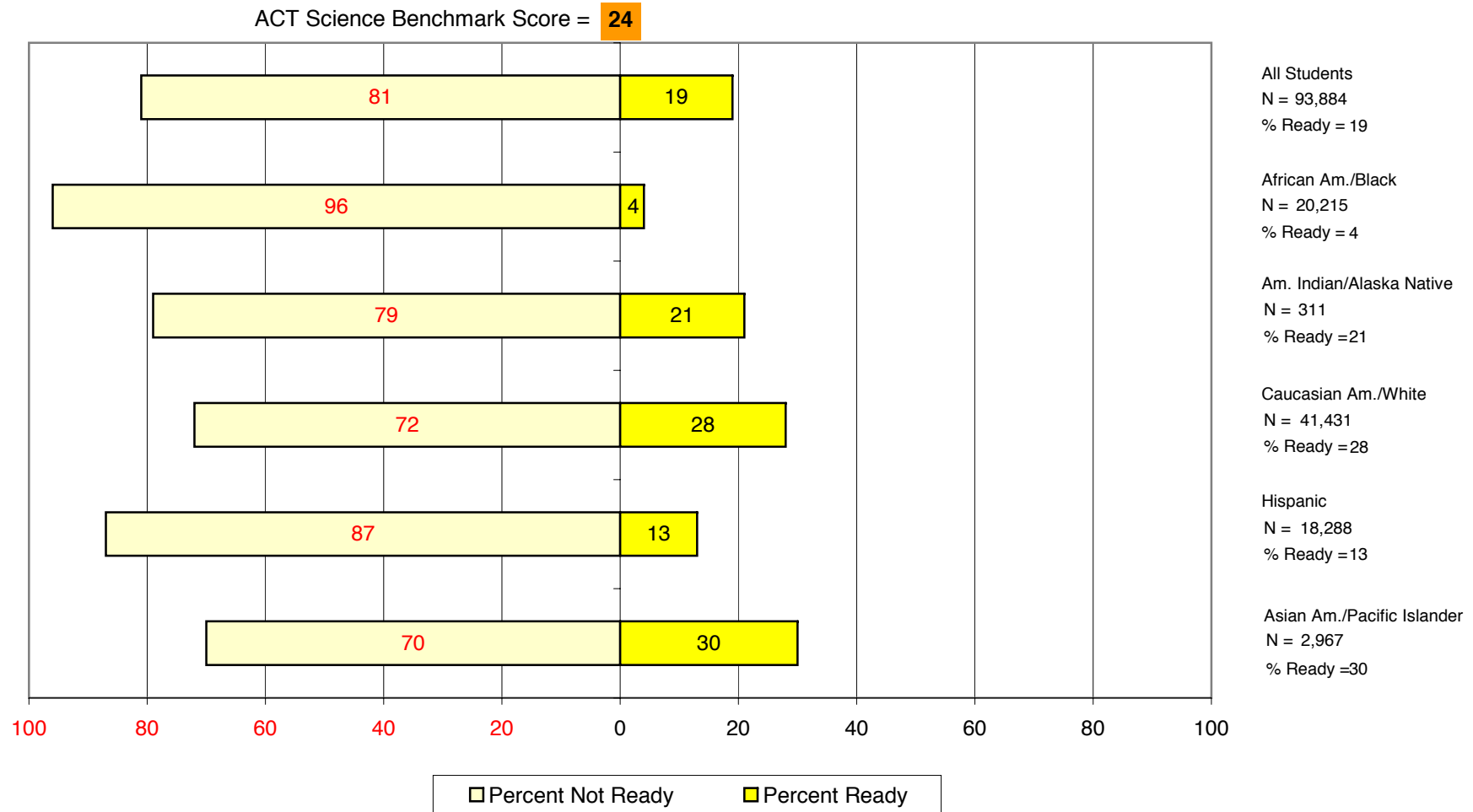


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

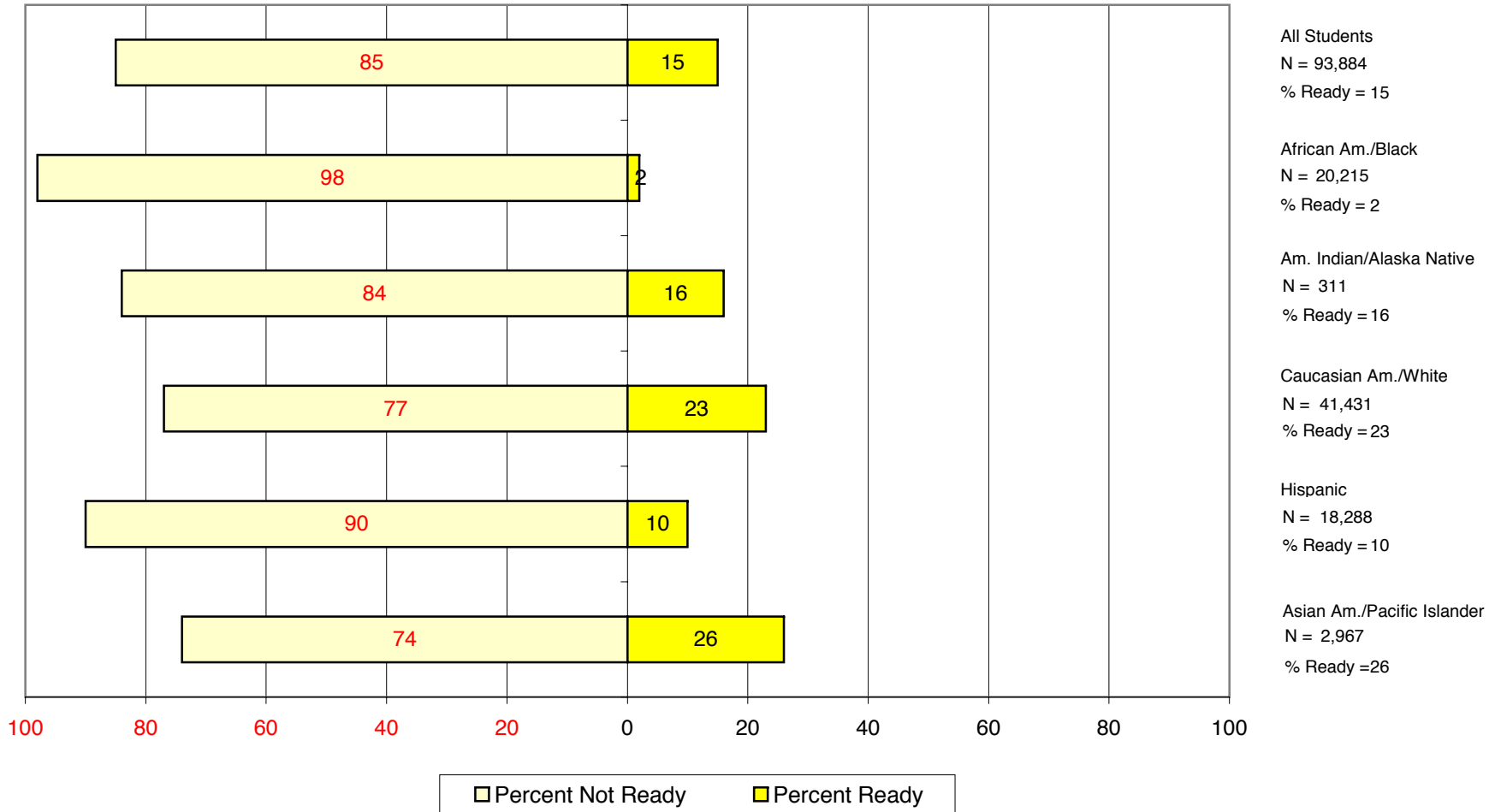


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	15,049	16	19.8	1.5	5,907	16	19.0	1.0	8,950	17	20.3	1.9
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	67,692	72	19.0	0.7	26,967	71	18.6	0.6	39,829	74	19.3	0.9
Less than 4 years of English	5,006	5	18.3	-	2,197	6	18.0	-	2,536	5	18.4	-
No English course/grade information reported	6,137	7	17.5	-	2,853	8	16.9	-	2,695	5	17.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,256	3	24.2	7.8	1,375	4	25.0	8.3	1,799	3	23.5	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,595	6	22.2	5.8	1,950	5	22.9	6.2	3,549	7	21.9	5.8
Alg 1, Alg 2, Geom, & Trig	4,923	5	20.4	4.0	1,988	5	21.0	4.3	2,850	5	19.9	3.8
Alg 1, Alg 2, Geom, & Other Adv Math	17,341	18	20.3	3.9	5,931	16	20.7	4.0	11,173	21	20.0	3.9
Other comb of 4 or more years of Math	21,944	23	22.8	6.4	9,881	26	23.4	6.7	11,715	22	22.2	6.1
Alg 1, Alg 2, & Geom (Min. Core)	22,011	23	17.2	0.8	8,444	22	17.6	0.9	13,302	25	17.0	0.9
Other comb of 3 or 3.5 years of Math	3,978	4	20.4	4.0	1,777	5	20.7	4.0	2,142	4	20.2	4.1
Less than 3 years of Math	8,468	9	16.4	-	3,625	10	16.7	-	4,665	9	16.1	-
No Math course/grade information reported	6,368	7	19.4	-	2,953	8	19.5	-	2,815	5	18.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	573	1	21.6	2.5	299	1	21.0	2.2	264	0	22.2	3.1
Other comb of 4 or more years Social Science	51,335	55	21.1	2.0	19,304	51	20.9	2.1	31,316	58	21.2	2.1
US Hist, World Hist, & Am Gov (Min. Core)	1,408	1	18.5	-0.6	708	2	18.0	-0.8	668	1	18.8	-0.3
Other comb of 3 or 3.5 years of Social Science	25,778	27	19.5	0.4	10,840	29	19.3	0.5	14,630	27	19.5	0.4
Less than 3 years of Social Science	8,365	9	19.1	-	3,777	10	18.8	-	4,318	8	19.1	-
No Soc Sci course/grade information reported	6,425	7	19.2	-	2,996	8	18.9	-	2,814	5	18.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	26,976	29	20.7	3.4	11,982	32	21.2	3.9	14,542	27	20.2	2.9
Bio, Chem, Phys	6,494	7	22.3	5.0	2,655	7	23.1	5.8	3,694	7	21.7	4.4
Gen Sci ² , Bio, Chem (Min. Core)	30,088	32	19.0	1.7	10,719	28	19.2	1.9	19,011	35	18.9	1.6
Other comb of 3 years of Natural Science	2,288	2	17.6	0.3	1,099	3	18.3	1.0	1,158	2	16.9	-0.4
Less than 3 years of Natural Science	21,442	23	17.3	-	8,416	22	17.3	-	12,693	24	17.3	-
No Nat Sci course/grade information reported	6,596	7	18.3	-	3,053	8	18.5	-	2,912	5	17.6	-

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	15,049	16	19.8	64	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	67,692	72	19.0	58	949,721	67	20.5	68
Less than 4 years of English	5,006	5	18.3	53	112,496	8	18.8	56
No English course/grade information reported	6,137	7	17.5	46	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,256	3	24.2	70	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,595	6	22.2	57	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	4,923	5	20.4	38	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	17,341	18	20.3	37	204,909	14	20.4	38
Other comb of 4 or more years of Math	21,944	23	22.8	58	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	22,011	23	17.2	10	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	3,978	4	20.4	39	70,951	5	20.8	41
Less than 3 years of Math	8,468	9	16.4	10	131,252	9	17.4	14
No Math course/grade information reported	6,368	7	19.4	32	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	573	1	21.6	53	42,546	3	22.7	61
Other comb of 4 or more years Social Science	51,335	55	21.1	51	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	1,408	1	18.5	32	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	25,778	27	19.5	38	404,731	28	21.3	52
Less than 3 years of Social Science	8,365	9	19.1	36	185,561	13	20.4	45
No Soc Sci course/grade information reported	6,425	7	19.2	37	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	26,976	29	20.7	28	453,654	32	22.2	38
Bio, Chem, Phys	6,494	7	22.3	39	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	30,088	32	19.0	15	435,183	31	20.1	20
Other comb of 3 years of Natural Science	2,288	2	17.6	11	40,179	3	20.1	22
Less than 3 years of Natural Science	21,442	23	17.3	9	259,142	18	18.7	13
No Nat Sci course/grade information reported	6,596	7	18.3	17	99,750	7	20.6	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	882	1	17.6	185	3	15.1	607	1	18.6
Architecture & Environmental Design	1,799	2	20.0	77	1	16.0	1,552	2	20.4
Business & Management	10,930	12	19.3	521	9	15.2	9,483	13	19.6
Business & Office	918	1	17.5	134	2	15.2	674	1	18.1
Marketing & Distribution	916	1	19.2	56	1	14.7	769	1	19.7
Communications & Comm. Technologies	2,663	3	20.8	107	2	15.7	2,340	3	21.1
Community & Personal Services	2,435	3	17.3	356	6	15.2	1,888	3	17.8
Computer & Information Sciences	1,905	2	19.5	174	3	16.0	1,564	2	20.1
Cross-Disciplinary Studies	109	0	21.9	3	0	13.3	97	0	22.3
Education	3,107	3	19.3	150	2	15.0	2,621	4	19.8
Teacher Education	1,594	2	18.4	97	2	14.9	1,370	2	18.8
Engineering	3,345	4	21.5	171	3	14.3	2,911	4	22.0
Engineering-Related Technologies	2,326	2	20.5	115	2	15.1	2,022	3	21.0
Foreign Languages	325	0	21.8	21	0	15.6	276	0	22.6
Health Sciences & Allied Health Fields	18,551	20	19.4	1,427	24	15.6	15,835	22	19.8
Human, Family & Consumer Science	973	1	17.3	142	2	15.4	735	1	17.7
Letters	407	0	24.1	11	0	15.1	363	1	24.3
Mathematics	456	0	21.9	13	0	14.0	380	1	22.7
Philosophy, Religion & Theology	388	0	21.2	13	0	16.4	344	0	21.4
Sciences (Biological & Physical)	4,422	5	22.4	58	1	16.8	4,099	6	22.5
Social Sciences	5,497	6	21.4	78	1	16.9	5,077	7	21.6
Trade & Industrial	643	1	16.0	290	5	15.0	252	0	17.4
Visual & Performing Arts	4,705	5	19.9	369	6	15.5	3,894	5	20.4
Undecided	13,549	14	19.9	1,117	19	15.2	10,237	14	20.7
No Response	11,039	12	19.3	317	5	14.3	3,079	4	21.5

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	1,411	14.8	377	13.9	7	14.4	575	15.7	325	14.0	15	15.2	112	15.3
2-yr College Degree	4,591	15.5	1,471	14.1	12	16.9	1,694	16.9	933	14.9	85	15.8	396	15.3
Bachelors Degree	29,986	18.9	6,509	16.0	108	18.7	15,254	20.5	4,777	17.8	725	19.9	2,613	19.0
Graduate Study	14,807	21.8	2,410	17.9	44	22.2	7,850	23.2	2,561	20.9	431	23.0	1,511	22.2
Prof. Level Degree	27,676	21.3	5,841	17.9	94	22.5	10,540	23.4	6,786	20.2	1,332	23.4	3,083	21.8
Other	2,643	16.6	789	14.7	11	18.6	917	18.4	509	15.8	78	17.9	339	17.2
No Response	12,770	18.9	2,818	14.9	35	19.3	4,601	21.3	2,397	17.0	301	21.8	2,618	20.3

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 CENTRAL FLORIDA	Florida	19,734	5,296	14,438	1	8	24	37	22	8	0
FLORIDA STATE UNIVERSITY	Florida	18,364	5,948	12,416	1	8	21	36	23	10	0
UNIVERSITY OF FLORIDA	Florida	17,932	7,267	10,665	1	6	17	32	27	16	1
UNIVERSITY OF SOUTH FLORIDA	Florida	15,273	3,807	11,466	1	10	27	36	19	7	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	8,023	3,082	4,941	4	17	36	30	10	3	0
FLORIDA ATLANTIC UNIVERSITY	Florida	5,914	1,643	4,271	3	18	34	32	10	3	0
UNIVERSITY OF NORTH FLORIDA	Florida	5,532	1,191	4,341	1	9	27	39	17	6	0
UNIVERSITY OF MIAMI	Florida	5,240	1,075	4,165	2	11	23	30	21	12	1
FLORIDA A&M UNIVERSITY	Florida	4,417	1,477	2,940	7	34	41	15	3	1	0
FLORIDA GULF COAST UNIVERSITY	Florida	3,541	1,055	2,486	2	10	33	39	13	3	0
MIAMI DADE COLLEGE	Florida	3,302	1,300	2,002	11	33	35	17	4	1	0
UNIVERSITY OF WEST FLORIDA THE	Florida	2,532	620	1,912	1	7	27	39	19	7	0
BETHUNE-COOKMAN UNIVERSITY	Florida	2,469	805	1,664	8	42	37	11	1	0	0
VALENCIA COMMUNITY COLLEGE	Florida	2,314	985	1,329	7	29	34	22	7	1	0
UNIVERSITY OF TAMPA	Florida	1,916	284	1,632	3	15	31	31	16	5	0
SANTA FE COMMUNITY COLLEGE	Florida	1,891	767	1,124	3	19	34	29	10	3	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,613	782	831	8	28	38	21	5	0	0
NCAA ELIGIBILITY CENTER	Indiana	1,533	846	687	3	18	35	26	12	5	0
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,435	421	1,014	6	30	35	22	5	2	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,428	278	1,150	3	19	35	29	11	3	0
FLORIDA COMMUNITY COLL AT JACKSONVILLE	Florida	1,267	580	687	6	27	36	24	6	1	0
JACKSONVILLE UNIVERSITY	Florida	1,247	203	1,044	5	22	32	25	12	3	0
FLAGLER COLLEGE	Florida	1,213	374	839	1	7	24	38	21	9	0
BROWARD COMMUNITY COLLEGE	Florida	1,180	567	613	11	38	34	15	2	1	0
PALM BEACH COMMUNITY COLLEGE	Florida	1,126	591	535	12	39	31	15	3	1	0
BARRY UNIVERSITY	Florida	1,058	266	792	7	25	39	23	4	2	0
STETSON UNIVERSITY	Florida	1,058	209	849	1	5	19	36	26	13	1
PENSACOLA JUNIOR COLLEGE	Florida	1,036	514	522	3	15	35	32	12	3	0
FLORIDA SOUTHERN COLLEGE	Florida	946	227	719	2	12	27	37	17	5	0
AUBURN UNIVERSITY	Alabama	928	223	705	1	5	15	32	32	15	1
All Other Institutions		54,413	15,393	39,020	5	19	25	24	16	11	2
Total		189,875	58,076	131,799	3	15	26	29	17	8	1

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	44,401	770,529	21.2	21.4	7.5	7.3	20.9	20.9
African Am./Black	7,100	86,049	17.0	16.6	7.0	6.5	17.3	16.6
Am. Indian/Alaska Native	138	5,148	21.8	18.9	7.3	6.7	21.2	18.5
Caucasian Am./White	21,255	464,177	22.8	22.5	7.6	7.4	22.2	21.8
Hispanic	8,549	71,060	20.0	18.3	7.5	7.1	20.0	18.5
Asian Am./Pacific Islander	1,811	37,359	22.7	23.1	7.8	7.9	22.4	22.6
Other/No Response	5,548	106,736	22.0	22.2	7.6	7.5	21.6	21.7
Males	17,061	327,613	20.7	20.9	7.2	7.0	20.3	20.2
Females	26,167	421,968	21.4	21.7	7.7	7.6	21.3	21.3
Missing	1,173	20,948	23.0	23.9	7.7	7.9	22.5	23.2

