

ACT High School Profile Report

The Graduating Class of 2007
Florida



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Florida

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 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, the graduating class data for a school, district, state, and the nation represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, state, or the nation.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

16% of 2007 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT. 81,527 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. 47% 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 12% of the cohort took less than three years of math courses. Of these students, 20% were college ready. 20% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 11% of these students were college ready. In comparison, 51% 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. 12% of these students were college ready. In comparison, 24% 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 53% 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.

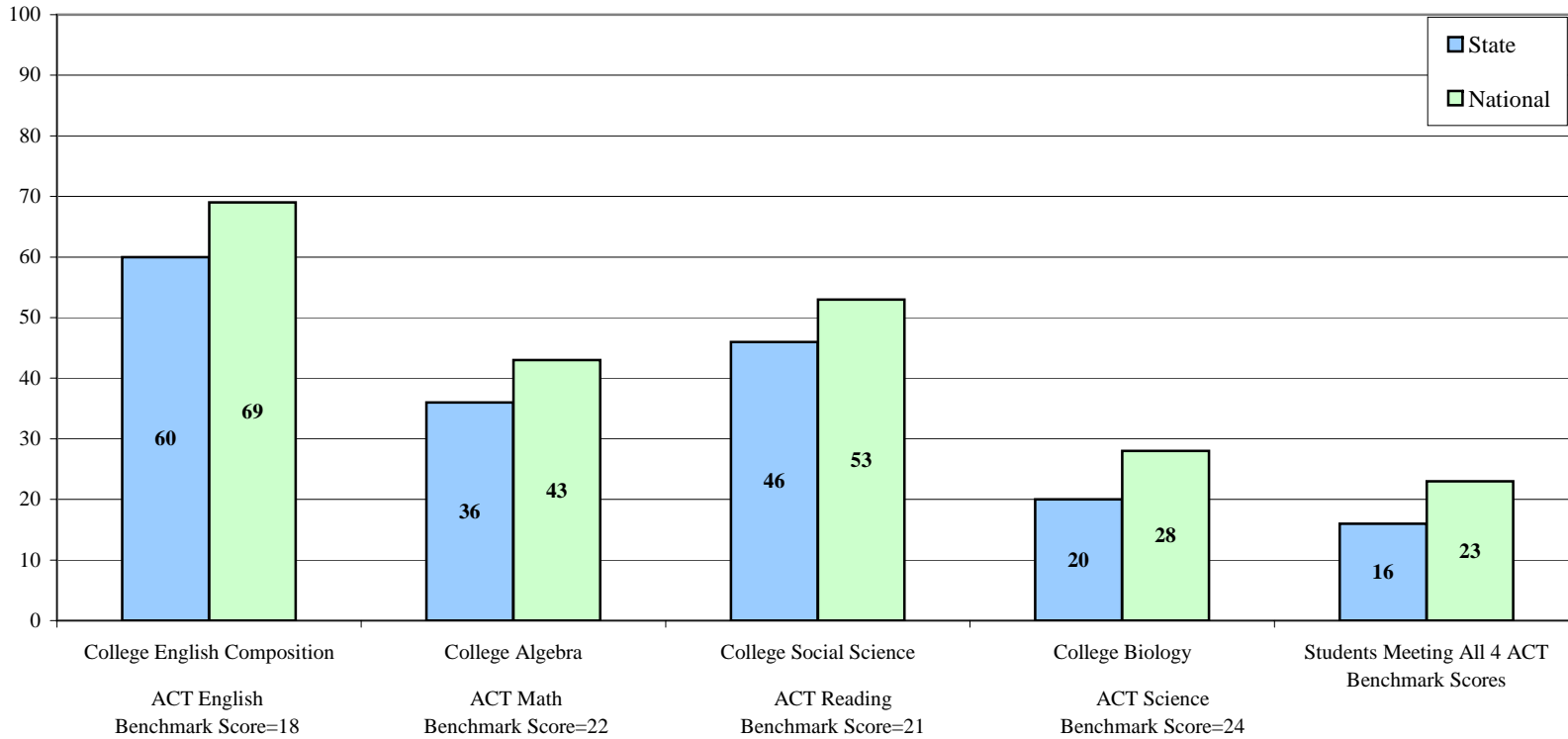
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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
2003	55,784	1,175,059	65	67	38	40	50	52	21	26	17	20
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2003	55,784	1,175,059	19.8	20.3	20.3	20.6	21.0	21.2	20.2	20.8	20.5	20.8
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	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
2003	32,867	16,574	59	30	20.6	18.3	21.1	18.8	21.7	19.7	20.8	19.0	21.2	19.1
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

¹Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	55,784	100	20.5	56,431	100	20.5	58,302	100	20.4	66,299	100	20.3	81,527	100	19.9
African American/Black	10,054	18	17.0	10,289	18	17.2	11,186	19	16.9	12,509	19	16.8	16,197	20	16.4
American Indian/Alaska Native	218	0	20.2	187	0	20.9	205	0	20.8	240	0	20.2	273	0	20.6
Caucasian American/White	30,275	54	21.8	29,829	53	21.8	29,955	51	21.8	30,719	46	21.8	34,557	42	21.6
Hispanic	8,073	14	19.7	8,438	15	19.6	9,027	15	19.7	10,120	15	19.6	13,335	16	19.0
Asian American/Pacific Islander	1,811	3	21.7	1,896	3	21.8	1,895	3	22.0	2,056	3	21.7	2,456	3	21.7
Other/No Response	5,353	10	20.5	5,792	10	20.7	6,034	10	20.9	10,655	16	20.5	14,709	18	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	44	100	77	100	239	100	116	100	7	100	36
35	303	100	223	100	555	100	279	100	74	100	35
34	603	100	346	100	803	99	125	100	166	100	34
33	549	99	308	99	1,078	98	376	99	271	100	33
32	547	98	497	99	1,306	97	336	99	439	99	32
31	923	97	743	98	1,686	95	307	98	664	99	31
30	1,222	96	850	97	1,668	93	729	98	1,021	98	30
29	1,419	95	1,448	96	2,030	91	759	97	1,530	97	29
28	1,905	93	1,898	94	2,543	89	881	96	2,252	95	28
27	1,973	91	2,527	92	2,681	85	1,613	95	2,182	92	27
26	2,468	88	3,363	89	2,683	82	2,594	93	2,852	89	26
25	3,729	85	3,939	85	3,173	79	3,914	90	3,597	86	25
24	3,313	81	4,666	80	3,921	75	4,399	85	4,341	82	24
23	3,703	77	3,924	74	5,810	70	4,396	80	4,708	76	23
22	4,584	72	4,198	70	3,631	63	6,586	74	5,435	70	22
21	5,690	67	4,605	64	3,976	59	7,091	66	6,223	64	21
20	6,338	60	4,539	59	6,442	54	8,016	58	6,572	56	20
19	5,384	52	5,758	53	4,511	46	6,439	48	5,469	48	19
18	3,818	45	5,950	46	3,771	40	6,979	40	5,537	41	18
17	3,749	40	7,125	39	4,919	36	5,138	31	5,508	35	17
16	4,825	36	9,896	30	5,690	30	3,760	25	5,259	28	16
15	4,623	30	7,790	18	3,830	23	3,508	20	5,297	21	15
14	4,417	24	4,577	8	4,891	18	3,135	16	4,617	15	14
13	3,045	19	1,379	3	3,328	12	2,327	12	3,813	9	13
12	2,924	15	593	1	3,304	8	2,491	9	2,354	5	12
11	2,683	12	187	1	1,525	4	2,220	6	936	2	11
10	2,261	8	75	1	859	2	1,976	4	273	1	10
9	1,703	6	23	1	258	1	503	1	94	1	9
8	1,659	3	12	1	209	1	298	1	25	1	8
7	768	1	3	1	105	1	128	1	7	1	7
6	208	1	5	1	59	1	50	1	4	1	6
5	113	1	0	1	24	1	21	1	0	1	5
4	18	1	3	1	11	1	13	1	0	1	4
3	12	1	0	1	4	1	17	1	0	1	3
2	2	1	0	1	4	1	0	1	0	1	2
1	2	1	0	1	0	1	7	1	0	1	1
Avg (SD)	19.1 (6.1)		20.0 (4.8)		20.5 (6.0)		19.5 (4.9)		19.9 (4.9)		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	1,189	100	243	100	914	100	1,937	100	1,329	100	377	100	407	100	18
17	2,476	99	860	100	3,121	99	3,510	98	2,801	98	380	100	303	100	17
16	2,300	96	2,185	99	3,163	95	4,758	93	3,500	95	1,270	99	1,208	99	16
15	2,473	93	3,718	96	3,720	91	5,648	87	3,943	91	2,304	98	2,660	98	15
14	4,292	90	4,643	91	4,510	87	5,027	81	5,708	86	4,266	95	4,855	94	14
13	4,490	84	5,396	86	4,296	81	6,454	74	6,768	79	7,129	89	6,520	88	13
12	5,272	79	7,841	79	9,228	76	7,449	66	6,903	71	6,696	81	8,153	80	12
11	6,824	72	10,507	69	7,981	64	5,513	57	7,656	62	10,642	72	8,692	70	11
10	8,814	64	9,953	57	7,788	55	6,907	51	7,374	53	12,504	59	12,296	60	10
9	7,404	53	8,550	44	8,972	45	7,473	42	6,872	44	12,962	44	12,442	45	9
8	8,287	44	9,235	34	10,839	34	5,972	33	8,726	35	8,834	28	7,962	29	8
7	7,001	34	6,080	23	6,223	21	5,701	26	11,034	24	4,919	17	6,953	20	7
6	6,193	25	4,733	15	4,786	13	7,460	19	5,683	11	3,763	11	3,250	11	6
5	6,578	18	3,498	9	2,292	7	4,380	9	1,785	4	2,987	7	2,374	7	5
4	4,357	10	2,679	5	2,132	5	2,502	4	983	2	937	3	1,595	4	4
3	2,382	4	1,119	2	1,043	2	560	1	353	1	1,225	2	1,001	2	3
2	1,056	1	237	1	379	1	247	1	80	1	7	1	483	1	2
1	139	1	50	1	140	1	29	1	29	1	325	1	373	1	1
Avg (SD)	9.3 (3.8)		9.9 (3.2)		10.2 (3.5)		10.6 (3.8)		10.5 (3.4)		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	25	23	23
Q2 (50th Percentile)	19	19	20	20	20
Q1 (25th Percentile)	15	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	81,527	47	21.1	18.7
	African Am./Black	16,197	45	17.6	15.5
	Am. Indian/Alaska Native	273	49	21.8	19.5
	Caucasian Am./White	34,557	50	22.7	20.4
	Hispanic	13,335	50	20.1	17.8
	Asian Am./Pacific Islander	2,456	57	22.3	20.9
	Other/No Response	14,709	39	21.5	19.2
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.1	20.0	20.5	19.5	19.9
	African Am./Black	14.9	17.0	16.9	16.3	16.4
	Am. Indian/Alaska Native	20.2	20.3	21.3	20.1	20.6
	Caucasian Am./White	21.2	21.3	22.3	21.1	21.6
	Hispanic	17.9	19.3	19.5	18.7	19.0
	Asian Am./Pacific Islander	20.6	22.8	21.7	21.3	21.7
	Other/No Response	19.6	20.5	21.1	20.0	20.4
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,499	2	954	1	2,675	3	896	1
	28 to 32	6,016	7	5,436	7	9,233	11	3,012	4
	24 to 27	11,483	14	14,495	18	12,458	15	12,520	15
	20 to 23	20,315	25	17,266	21	19,859	24	26,089	32
	16 to 19	17,776	22	28,729	35	18,891	23	22,316	27
	13 to 15	12,085	15	13,746	17	12,049	15	8,970	11
	01 to 12	12,353	15	901	1	6,362	8	7,724	9
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	30,644	38	18.5	20.6	20.2	19.9	19.9
	Females	43,970	54	19.4	19.6	20.7	19.2	19.8
	Missing	6,913	8	19.8	20.6	21.2	20.2	20.6
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	56	40	44	24	19
	Females	61	32	47	17	14
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

Section III

College Readiness and the Impact of Course Rigor

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

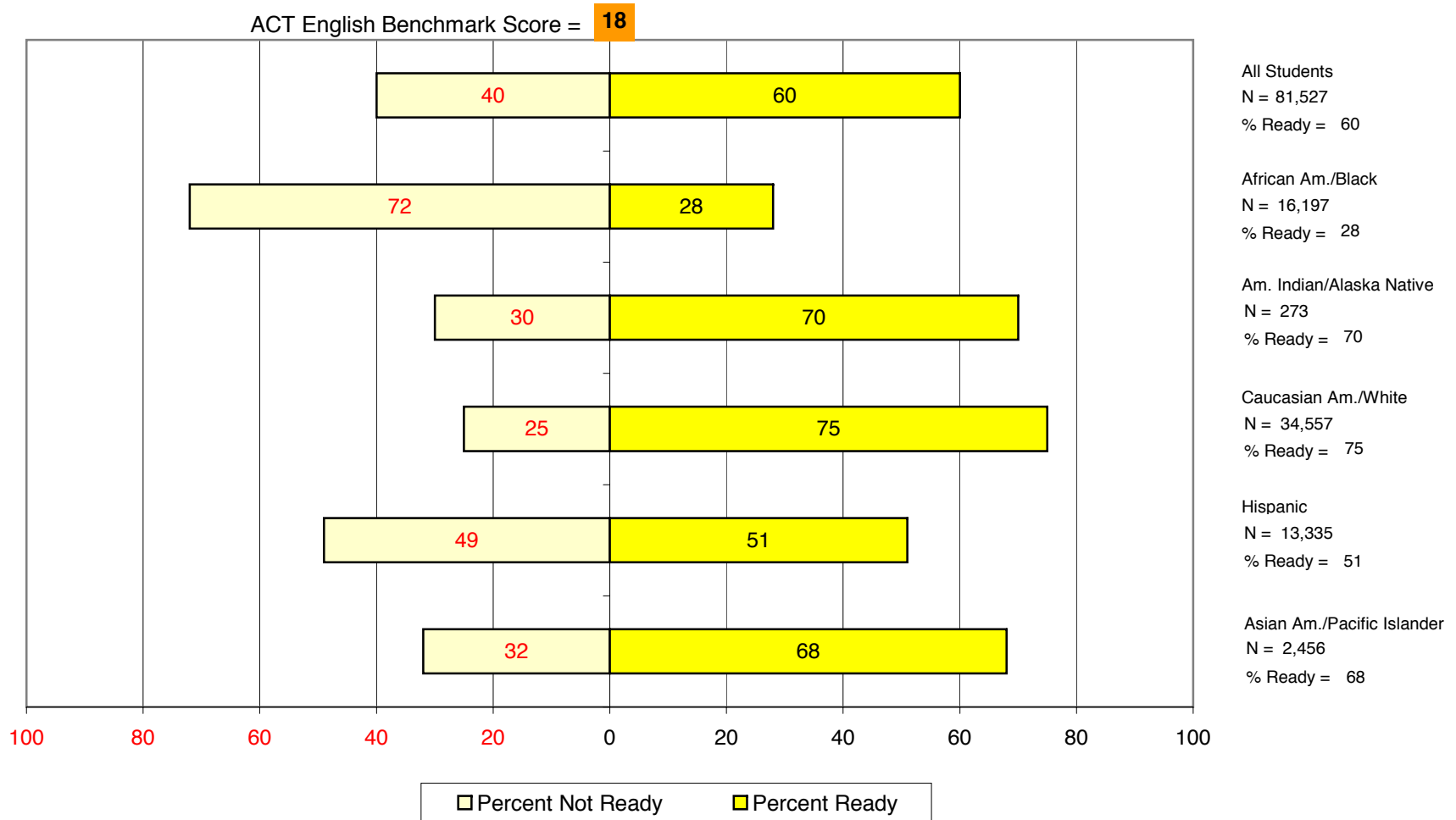


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

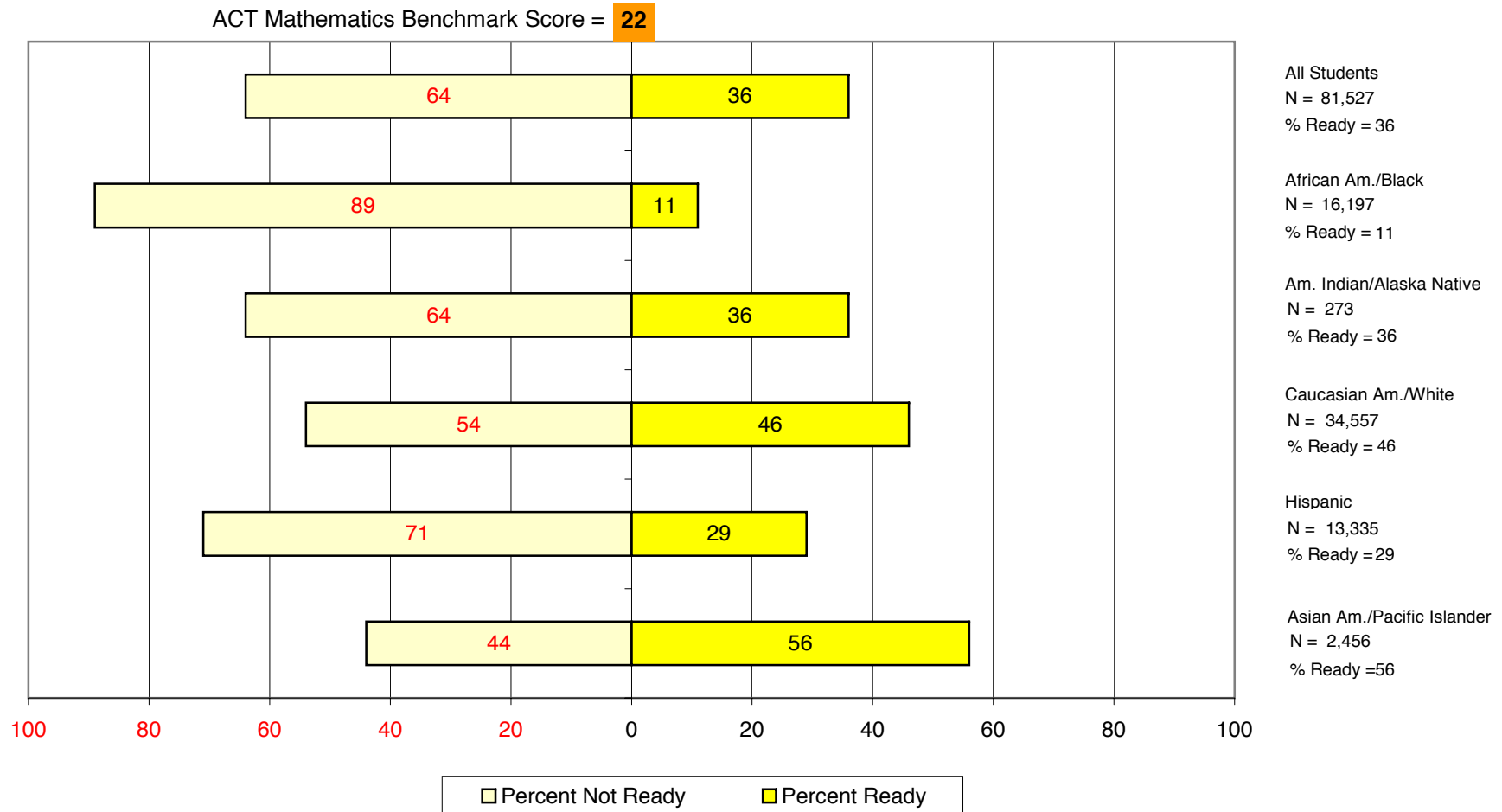


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

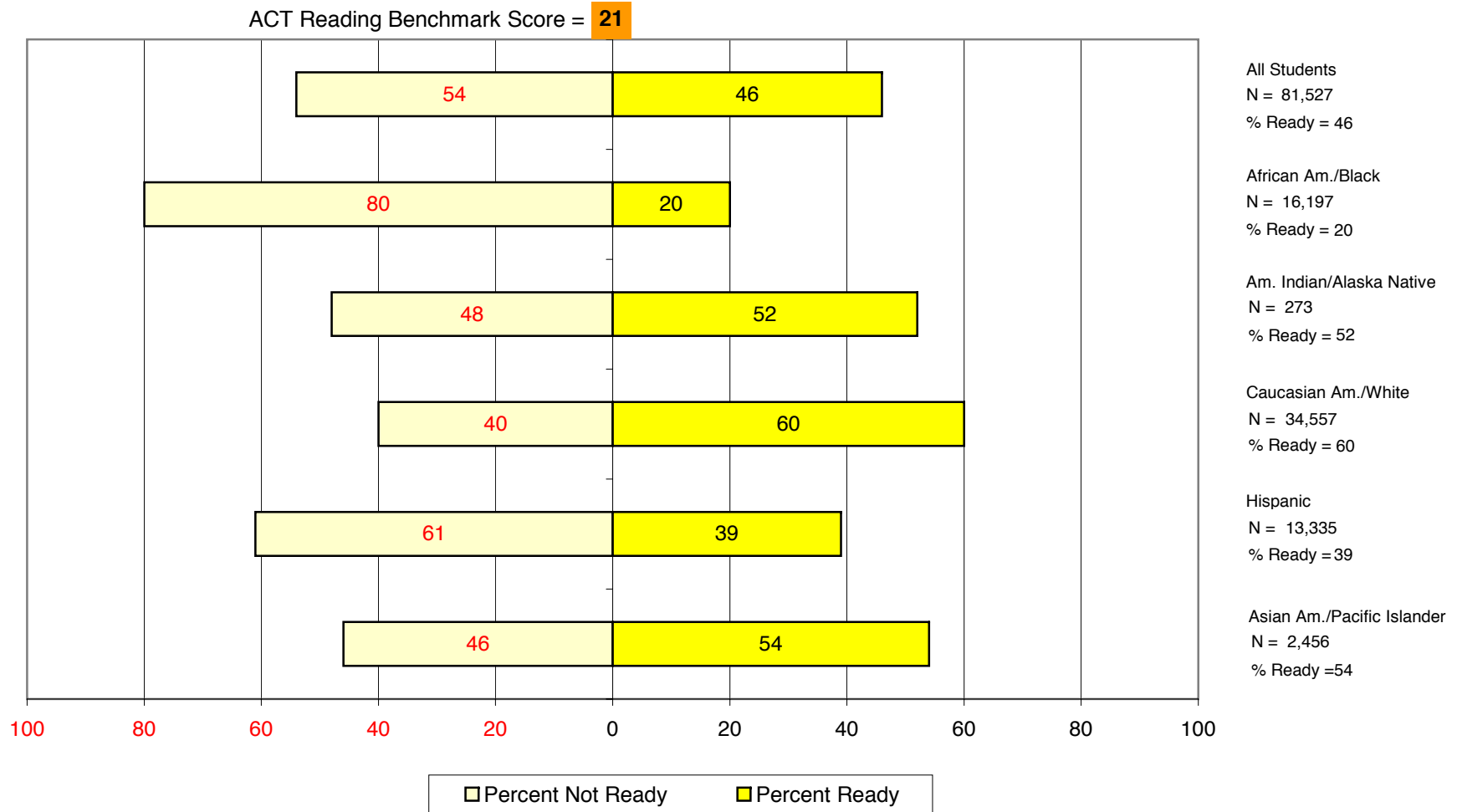


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

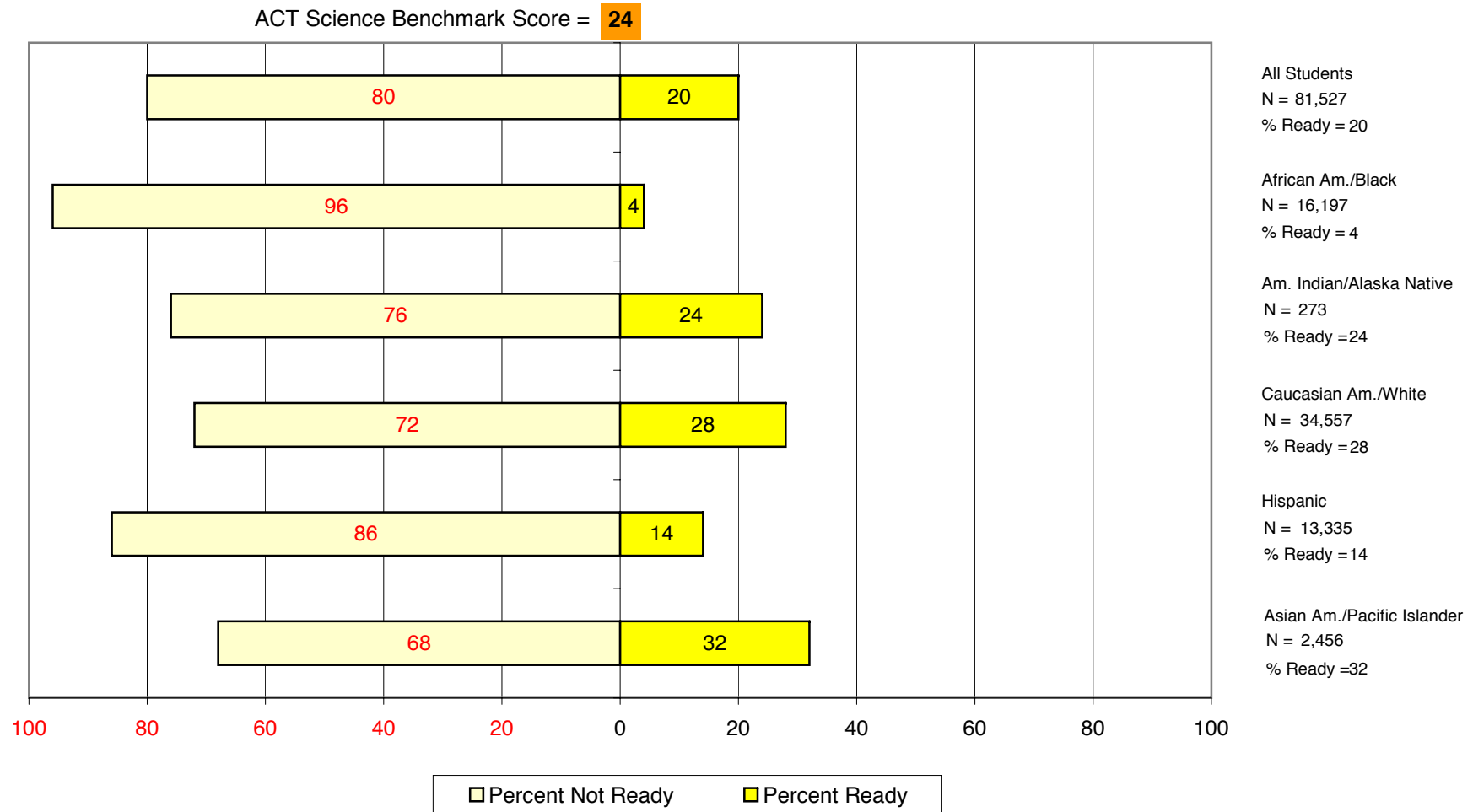


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

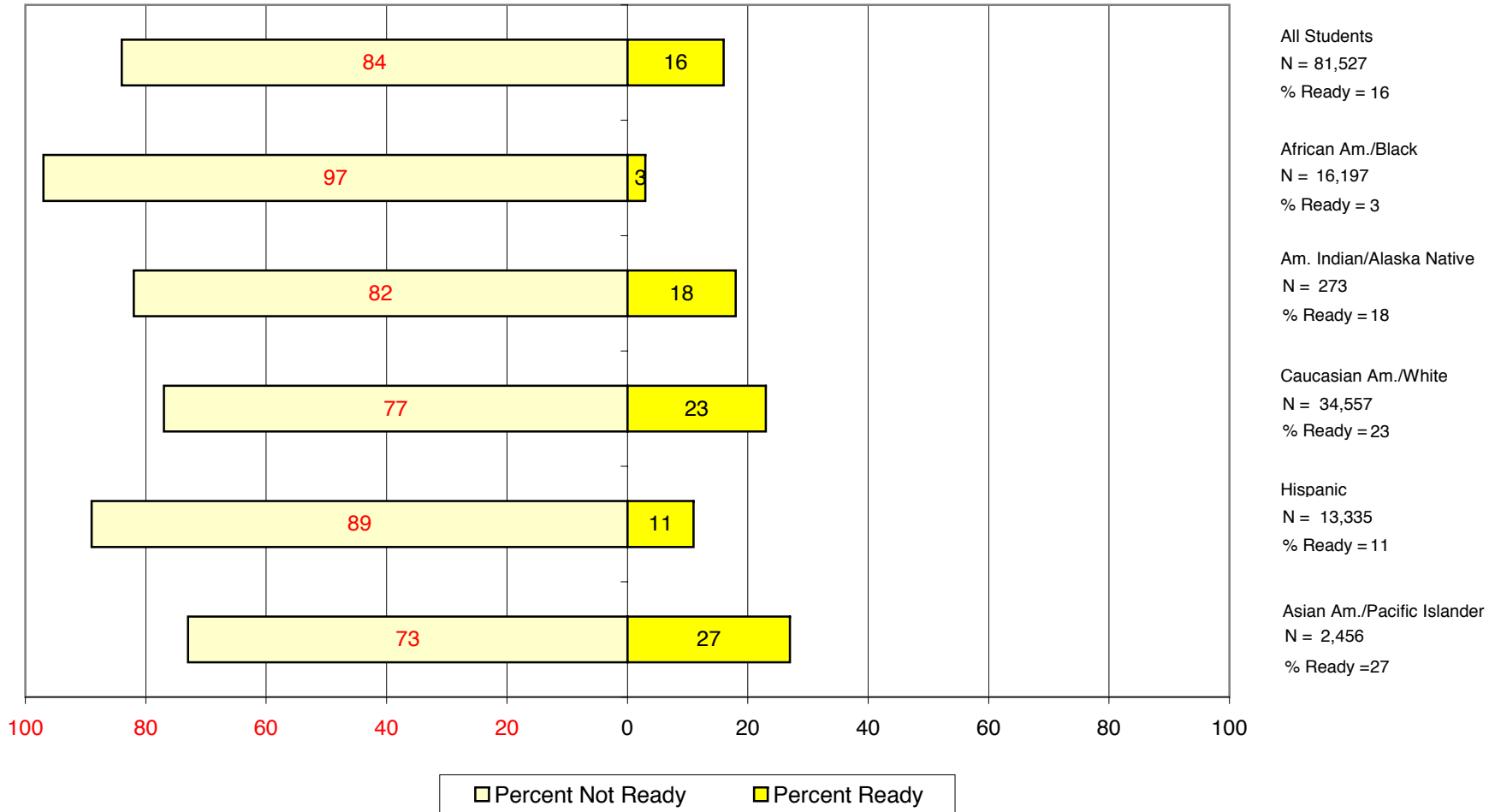


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,415	9	20.7	1.7	2,432	8	20.0	1.4	4,576	10	21.1	1.9
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	49,150	60	19.1	0.1	18,354	60	18.7	0.1	27,859	63	19.3	0.1
Less than 4 years of English	8,616	11	19.0	-	3,412	11	18.6	-	4,435	10	19.2	-
No English course/grade information reported	16,346	20	18.4	-	6,446	21	17.5	-	7,100	16	18.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,608	3	24.3	6.4	1,136	4	24.9	6.6	1,292	3	23.8	6.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,169	5	22.1	4.2	1,391	5	22.8	4.5	2,514	6	21.7	4.2
Alg 1, Alg 2, Geom, & Trig	4,124	5	20.3	2.4	1,528	5	20.9	2.6	2,297	5	19.8	2.3
Alg 1, Alg 2, Geom, & Other Adv Math	12,627	15	20.3	2.4	4,048	13	20.9	2.6	7,781	18	20.0	2.5
Other comb of 4 or more years of Math	12,075	15	23.7	5.8	4,986	16	24.4	6.1	6,384	15	23.1	5.6
Alg 1, Alg 2, & Geom (Min. Core)	16,184	20	17.4	-0.5	5,851	19	17.7	-0.6	9,423	21	17.1	-0.4
Other comb of 3 or 3.5 years of Math	2,915	4	20.9	3.0	1,236	4	21.3	3.0	1,506	3	20.5	3.0
Less than 3 years of Math	9,969	12	17.9	-	3,771	12	18.3	-	5,492	12	17.5	-
No Math course/grade information reported	16,856	21	19.6	-	6,697	22	19.8	-	7,281	17	19.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	461	1	22.7	3.0	209	1	22.1	2.6	228	1	23.2	3.4
Other comb of 4 or more years Social Science	32,701	40	21.6	1.9	11,033	36	21.4	1.9	19,685	45	21.7	1.9
US Hist, World Hist, & Am Gov (Min. Core)	1,190	1	19.2	-0.5	558	2	18.9	-0.6	566	1	19.3	-0.5
Other comb of 3 or 3.5 years of Social Science	19,374	24	19.8	0.1	7,589	25	19.7	0.2	10,663	24	19.7	-0.1
Less than 3 years of Social Science	10,877	13	19.7	-	4,530	15	19.5	-	5,514	13	19.8	-
No Soc Sci course/grade information reported	16,924	21	19.9	-	6,725	22	19.3	-	7,314	17	20.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	17,184	21	21.3	3.3	7,139	23	21.9	3.8	9,033	21	20.8	3.0
Bio, Chem, Phys	5,185	6	22.7	4.7	2,064	7	23.4	5.3	2,763	6	22.1	4.3
Gen Sci ² , Bio, Chem (Min. Core)	21,349	26	19.2	1.2	7,036	23	19.4	1.3	13,003	30	19.1	1.3
Other comb of 3 years of Natural Science	1,412	2	17.9	-0.1	621	2	18.8	0.7	712	2	17.1	-0.7
Less than 3 years of Natural Science	18,451	23	18.0	-	6,664	22	18.1	-	10,635	24	17.8	-
No Nat Sci course/grade information reported	17,946	22	19.1	-	7,120	23	19.1	-	7,824	18	18.7	-

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	7,415	9	20.7	70	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	49,150	60	19.1	59	766,001	59	20.5	68
Less than 4 years of English	8,616	11	19.0	60	141,777	11	19.7	64
No English course/grade information reported	16,346	20	18.4	54	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,608	3	24.3	73	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,169	5	22.1	57	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	4,124	5	20.3	37	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	12,627	15	20.3	37	163,562	13	20.4	38
Other comb of 4 or more years of Math	12,075	15	23.7	66	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	16,184	20	17.4	11	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	2,915	4	20.9	44	57,945	4	20.9	43
Less than 3 years of Math	9,969	12	17.9	20	145,617	11	18.3	21
No Math course/grade information reported	16,856	21	19.6	33	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	461	1	22.7	63	31,985	2	22.7	61
Other comb of 4 or more years Social Science	32,701	40	21.6	54	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	1,190	1	19.2	35	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	19,374	24	19.8	40	333,689	26	21.4	52
Less than 3 years of Social Science	10,877	13	19.7	41	201,605	16	20.6	47
No Soc Sci course/grade information reported	16,924	21	19.9	43	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	17,184	21	21.3	31	333,648	26	22.4	40
Bio, Chem, Phys	5,185	6	22.7	42	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	21,349	26	19.2	15	353,348	27	20.2	20
Other comb of 3 years of Natural Science	1,412	2	17.9	14	32,593	3	20.4	24
Less than 3 years of Natural Science	18,451	23	18.0	12	247,312	19	19.1	15
No Nat Sci course/grade information reported	17,946	22	19.1	18	218,401	17	20.9	29

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students and by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	464	1	17.8	78	2	15.3	354	1	18.5
Architecture & Environmental Design	1,170	1	20.1	56	1	16.3	1,062	2	20.3
Business & Management	5,764	7	19.3	279	7	15.7	5,195	9	19.6
Business & Office	328	0	18.3	62	2	16.1	241	0	19.1
Marketing & Distribution	450	1	19.6	19	0	15.2	403	1	20.0
Communications & Comm. Technologies	1,568	2	20.8	47	1	16.7	1,438	3	21.0
Community & Personal Services	1,669	2	17.0	252	7	14.7	1,292	2	17.6
Computer & Information Sciences	1,185	1	20.1	92	2	16.1	1,022	2	20.7
Cross-Disciplinary Studies	50	0	22.3	1	0	17.0	49	0	22.4
Education	1,697	2	19.6	73	2	15.9	1,533	3	19.9
Teacher Education	904	1	18.7	38	1	15.1	816	1	19.0
Engineering	2,056	3	21.7	101	3	14.5	1,857	3	22.3
Engineering-Related Technologies	1,369	2	21.4	62	2	15.0	1,239	2	21.8
Foreign Languages	184	0	22.2	12	0	15.5	164	0	22.8
Health Sciences & Allied Health Fields	11,515	14	19.4	806	21	15.8	10,176	18	19.8
Human, Family & Consumer Science	493	1	17.6	78	2	14.9	385	1	18.3
Letters	225	0	23.5	4	0	17.8	213	0	23.7
Mathematics	208	0	23.9	4	0	14.5	193	0	24.3
Philosophy, Religion & Theology	241	0	21.9	8	0	18.3	220	0	22.0
Sciences (Biological & Physical)	2,648	3	22.8	22	1	16.6	2,514	5	23.0
Social Sciences	3,837	5	21.3	55	1	15.7	3,661	7	21.5
Trade & Industrial	248	0	17.5	94	2	16.0	131	0	19.1
Visual & Performing Arts	2,838	3	20.2	164	4	15.9	2,462	4	20.7
Undecided	11,442	14	19.7	783	20	15.5	9,557	17	20.2
No Response	28,974	36	19.9	683	18	15.4	9,455	17	21.0

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	899	14.9	270	13.9	6	16.7	340	15.8	164	14.3	11	14.6	108	15.2
2-yr College Degree	2,974	15.8	929	14.0	6	17.3	1,160	17.4	472	15.3	49	15.5	358	15.6
Bachelors Degree	21,297	19.0	4,355	15.9	77	20.1	10,659	20.6	2,817	17.8	509	19.7	2,880	19.3
Graduate Study	12,524	21.6	2,065	17.8	45	21.1	6,262	23.1	1,965	20.6	377	22.7	1,810	21.8
Prof. Level Degree	21,811	21.3	4,498	17.9	77	22.7	8,330	23.2	4,459	20.4	974	23.3	3,473	21.6
Other	2,199	16.7	806	15.1	10	17.6	689	18.7	306	16.2	48	18.4	340	17.0
No Response	19,823	19.5	3,274	15.5	52	19.3	7,117	21.2	3,152	18.1	488	21.1	5,740	20.4

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	19,484	5,147	14,337	2	9	25	37	20	7	0
FLORIDA STATE UNIVERSITY	Florida	18,487	5,921	12,566	1	8	24	37	22	8	0
UNIVERSITY OF FLORIDA	Florida	18,166	6,823	11,343	1	6	18	33	27	14	1
UNIVERSITY OF SOUTH FLORIDA	Florida	14,384	3,558	10,826	2	11	28	36	17	6	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	7,922	3,157	4,765	5	20	36	28	9	2	0
UNIVERSITY OF NORTH FLORIDA	Florida	6,001	1,270	4,731	2	10	29	39	16	5	0
UNIVERSITY OF MIAMI	Florida	5,991	1,226	4,765	2	11	22	31	21	11	1
FLORIDA ATLANTIC UNIVERSITY	Florida	5,415	1,531	3,884	4	18	35	29	10	3	0
FLORIDA A&M UNIVERSITY	Florida	4,719	1,706	3,013	8	33	39	16	4	0	0
MIAMI DADE COLLEGE	Florida	3,184	1,081	2,103	11	32	36	16	4	1	0
FLORIDA GULF COAST UNIVERSITY	Florida	3,183	1,024	2,159	2	12	34	36	14	3	0
UNIVERSITY OF WEST FLORIDA THE	Florida	2,693	648	2,045	1	9	27	39	17	6	0
VALENCIA COMMUNITY COLLEGE	Florida	2,385	896	1,489	8	28	36	22	5	1	0
BETHUNE-COOKMAN UNIVERSITY	Florida	2,182	710	1,472	11	43	37	8	1	0	0
SANTA FE COMMUNITY COLLEGE	Florida	1,993	762	1,231	4	20	33	30	10	3	0
UNIVERSITY OF TAMPA	Florida	1,949	222	1,727	4	16	31	30	14	5	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,734	823	911	8	29	37	20	5	1	0
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,515	432	1,083	7	29	34	22	7	1	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,511	292	1,219	5	20	35	29	8	2	0
FLORIDA COMMUNITY COLL AT JACKSONVILLE	Florida	1,485	684	801	7	24	37	24	6	2	0
FLAGLER COLLEGE	Florida	1,466	430	1,036	1	6	24	39	23	6	0
JACKSONVILLE UNIVERSITY	Florida	1,249	181	1,068	5	20	34	29	11	2	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	1,227	606	621	6	19	31	27	11	4	0
PENSACOLA JUNIOR COLLEGE	Florida	1,191	565	626	3	18	31	33	12	3	0
BROWARD COMMUNITY COLLEGE	Florida	1,129	483	646	14	41	31	12	2	1	0
BARRY UNIVERSITY	Florida	1,039	262	777	7	26	36	23	6	1	0
STETSON UNIVERSITY	Florida	1,021	169	852	1	6	19	37	25	12	0
PALM BEACH COMMUNITY COLLEGE	Florida	1,016	473	543	12	34	33	15	5	0	0
FLORIDA SOUTHERN COLLEGE	Florida	959	242	717	3	14	28	34	15	6	0
EDISON COLLEGE	Florida	950	478	472	6	29	40	19	5	1	0
All Other Institutions		56,384	15,564	40,820	5	18	26	24	16	10	1
Total		192,014	57,366	134,648	4	15	27	29	16	7	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	35,210	532,943	21.0	22.3	7.5	7.6	20.8	21.8
African Am./Black	5,528	50,340	16.4	17.2	6.9	6.7	16.9	17.3
Am. Indian/Alaska Native	117	3,462	22.1	19.8	7.6	7.0	21.7	19.4
Caucasian Am./White	15,510	308,578	22.7	23.4	7.7	7.6	22.2	22.6
Hispanic	5,891	42,588	19.8	18.8	7.5	7.3	20.0	19.0
Asian Am./Pacific Islander	1,320	25,616	22.4	23.2	7.8	8.0	22.1	22.8
Other/No Response	6,844	102,359	21.5	23.2	7.6	7.8	21.3	22.7
Males	12,647	204,427	20.4	22.0	7.2	7.3	20.1	21.3
Females	19,336	285,556	21.3	22.5	7.7	7.7	21.2	22.1
Missing	3,227	42,960	21.5	23.0	7.6	7.8	21.3	22.6

