

ACT High School Profile Report

The Graduating Class of 2006
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 2006 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT: A Test Like No Other

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

17% of 2006 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT. 66,299 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. 52% 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 11% of the cohort took less than three years of math courses. Of these students, 23% 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, 52% 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 22% 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 2.4 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 51% 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.

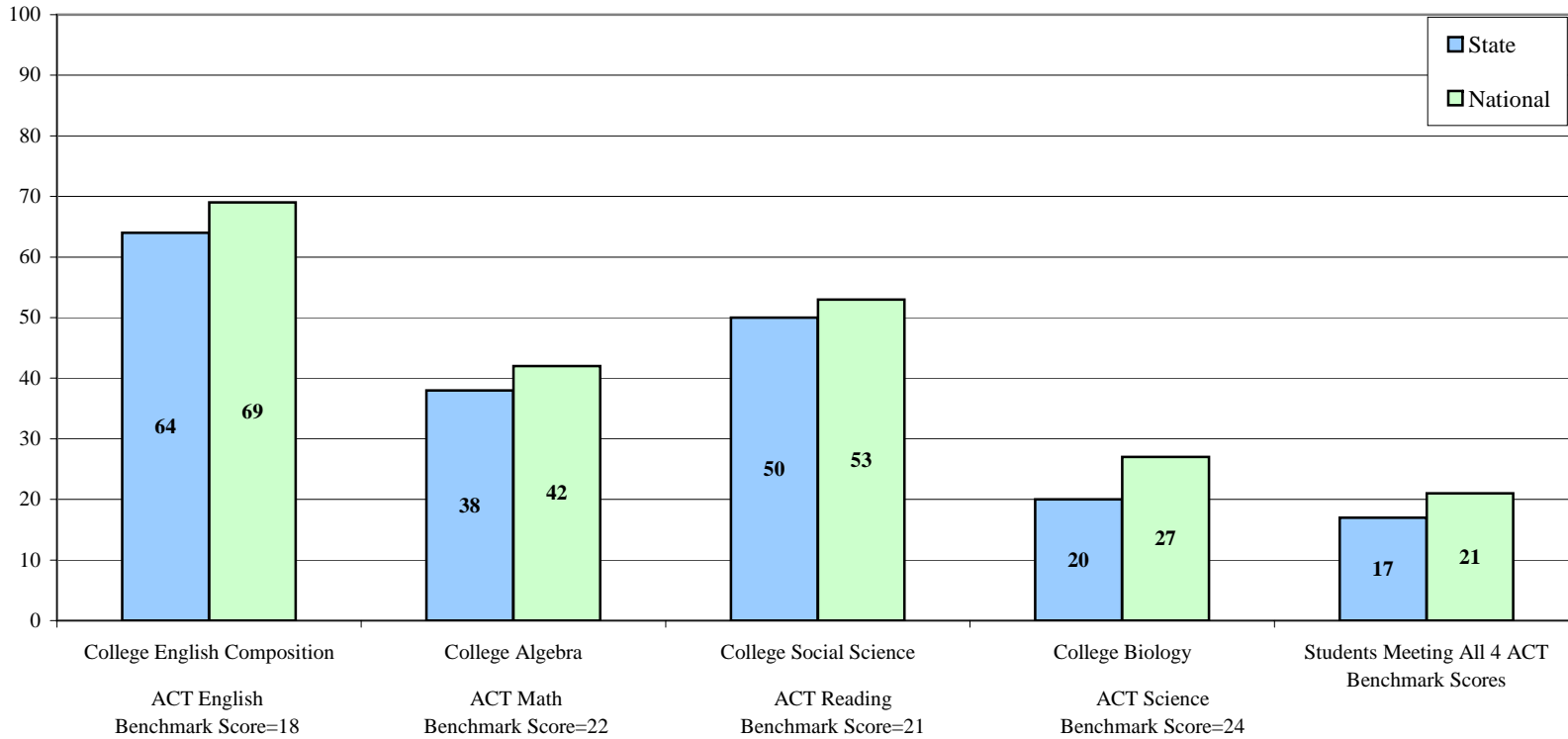
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 courses.

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

Grad Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	51,935	1,116,082	65	67	37	39	51	53	21	26	16	20
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	51,935	1,116,082	19.8	20.2	20.3	20.6	20.8	21.1	20.2	20.8	20.4	20.8
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2002	1,116,082	20.2	20.6	21.1	20.8	20.8
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	Core or More	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2002	31,615	15,008	61	29	20.6	18.1	21.1	18.6	21.6	19.4	20.9	19.0	21.2	18.9
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

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

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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	51,935	100	20.4	55,784	100	20.5	56,431	100	20.5	58,302	100	20.4	66,299	100	20.3
African American/Black	9,357	18	16.9	10,054	18	17.0	10,289	18	17.2	11,186	19	16.9	12,509	19	16.8
American Indian/Alaskan Native	215	0	20.6	218	0	20.2	187	0	20.9	205	0	20.8	240	0	20.2
Caucasian American/White	28,240	54	21.7	30,275	54	21.8	29,829	53	21.8	29,955	51	21.8	30,719	46	21.8
Hispanic	7,377	14	19.5	8,073	14	19.7	8,438	15	19.6	9,027	15	19.7	10,120	15	19.6
Asian American/Pacific Islander	1,775	3	21.5	1,811	3	21.7	1,896	3	21.8	1,895	3	22.0	2,056	3	21.7
Other/No Response	4,971	10	20.4	5,353	10	20.5	5,792	10	20.7	6,034	10	20.9	10,655	16	20.5

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	47	100	86	100	252	100	61	100	5	100	36
35	226	100	152	100	528	100	177	100	48	100	35
34	479	100	343	100	792	99	178	100	127	100	34
33	435	99	246	99	935	98	257	99	231	100	33
32	425	98	357	99	971	96	233	99	339	99	32
31	906	98	543	98	1,283	95	442	99	582	99	31
30	938	96	831	97	1,406	93	416	98	892	98	30
29	1,366	95	1,251	96	1,639	91	447	97	1,266	97	29
28	1,777	93	1,551	94	2,006	88	1,021	97	2,018	95	28
27	1,856	90	2,365	92	2,647	85	1,520	95	1,891	92	27
26	2,070	87	3,123	88	2,950	81	2,613	93	2,505	89	26
25	3,111	84	3,317	84	2,718	77	2,871	89	3,152	85	25
24	2,977	79	4,043	79	3,483	73	3,313	85	3,729	80	24
23	3,164	75	3,358	73	4,012	67	5,120	80	4,157	75	23
22	4,106	70	3,371	67	3,197	61	4,920	72	4,609	68	22
21	4,919	64	3,830	62	4,031	57	5,614	64	5,315	61	21
20	5,335	57	3,895	57	4,298	50	6,199	56	5,672	53	20
19	4,570	49	4,491	51	4,381	44	6,589	47	4,739	45	19
18	3,529	42	5,321	44	3,627	37	5,603	37	4,996	38	18
17	3,508	36	6,632	36	3,702	32	4,451	28	4,490	30	17
16	3,870	31	7,263	26	3,552	26	3,335	21	4,206	23	16
15	3,824	25	4,691	15	2,814	21	2,611	16	3,649	17	15
14	3,340	19	3,376	8	4,148	17	2,165	13	3,117	12	14
13	1,814	14	1,148	3	2,486	10	1,841	9	2,229	7	13
12	1,817	12	499	1	2,263	7	1,456	6	1,492	4	12
11	1,694	9	137	1	1,285	3	1,281	4	564	1	11
10	1,273	6	45	1	428	1	807	2	197	1	10
9	1,062	4	23	1	244	1	353	1	53	1	9
8	1,101	3	4	1	108	1	204	1	18	1	8
7	515	1	3	1	40	1	101	1	11	1	7
6	177	1	1	1	33	1	59	1	0	1	6
5	44	1	0	1	28	1	23	1	0	1	5
4	17	1	1	1	11	1	1	1	0	1	4
3	7	1	1	1	1	1	9	1	0	1	3
2	0	1	0	1	0	1	3	1	0	1	2
1	0	1	1	1	0	1	5	1	0	1	1
Average	19.6		20.3		20.9		19.9		20.3		Average

¹Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	972	100	219	100	746	100	1,646	100	1,166	100	306	100	316	100	18
17	1,961	99	793	100	2,804	99	3,126	98	1,766	98	519	100	402	100	17
16	2,207	96	1,921	98	2,467	95	3,828	93	3,454	96	909	99	947	99	16
15	2,582	92	3,283	96	3,296	91	4,520	87	3,345	90	1,651	97	2,620	97	15
14	3,830	88	4,218	91	3,799	86	4,733	80	4,769	85	4,305	95	3,668	94	14
13	3,585	83	4,318	84	4,360	80	5,164	73	6,315	78	4,487	88	6,344	88	13
12	5,067	77	6,575	78	6,782	74	6,506	65	6,590	69	8,683	82	6,451	78	12
11	6,239	70	8,700	68	7,122	63	5,370	55	5,090	59	6,856	69	7,040	69	11
10	7,164	60	8,428	55	6,425	53	5,780	47	6,684	51	11,391	58	11,175	58	10
9	6,813	49	7,741	42	7,815	43	5,487	39	5,611	41	11,352	41	9,585	41	9
8	6,436	39	7,119	30	7,667	31	4,902	30	7,993	32	6,174	24	6,683	27	8
7	5,897	29	4,599	20	4,905	20	4,460	23	7,892	20	3,030	15	4,275	17	7
6	4,807	20	3,108	13	3,740	12	5,552	16	3,643	8	2,605	10	3,151	10	6
5	3,498	13	3,000	8	1,893	7	2,749	8	1,191	3	2,117	6	682	5	5
4	2,958	8	1,628	3	1,379	4	1,850	4	493	1	882	3	1,820	4	4
3	1,592	3	490	1	740	2	472	1	216	1	710	2	272	2	3
2	613	1	146	1	229	1	146	1	67	1	152	1	689	1	2
1	78	1	13	1	130	1	8	1	14	1	170	1	179	1	1
Average	9.7		10.1		10.4		10.8		10.7		10.1		10.1		Average

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

Table 2.3. Average ACT Composite Scores by Level of Preparation by Race/Ethnicity

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	66,299	52	21.2	19.1
	African Am./Black	12,509	49	17.8	15.8
	Am. Indian/Alaskan Native	240	55	21.7	18.2
	Caucasian Am./White	30,719	54	22.6	20.8
	Hispanic	10,120	56	20.4	18.5
	Asian Am./Pacific Islander	2,056	61	22.1	21.3
	Other/No Response	10,655	44	21.4	19.5
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

Table 2.4. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,187	2	827	1	2,507	4	673	1
	28 to 32	5,412	8	4,533	7	7,305	11	2,559	4
	24 to 27	10,014	15	12,848	19	11,798	18	10,317	16
	20 to 23	17,524	26	14,454	22	15,538	23	21,853	33
	16 to 19	15,477	23	23,707	36	15,262	23	19,978	30
	13 to 15	8,978	14	9,215	14	9,448	14	6,617	10
	01 to 12	7,707	12	715	1	4,441	7	4,302	6
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	24,944	38	19.1	21.0	20.5	20.4	20.3
	Females	37,139	56	20.0	19.9	21.2	19.6	20.3
	Missing	4,216	6	19.4	20.2	20.9	19.8	20.2
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

Table 2.6. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	60	43	46	25	20
	Females	66	34	52	17	14
National	Males	66	47	51	32	25
	Females	71	37	55	23	18

Section III

College Readiness and the Impact of Course Rigor

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

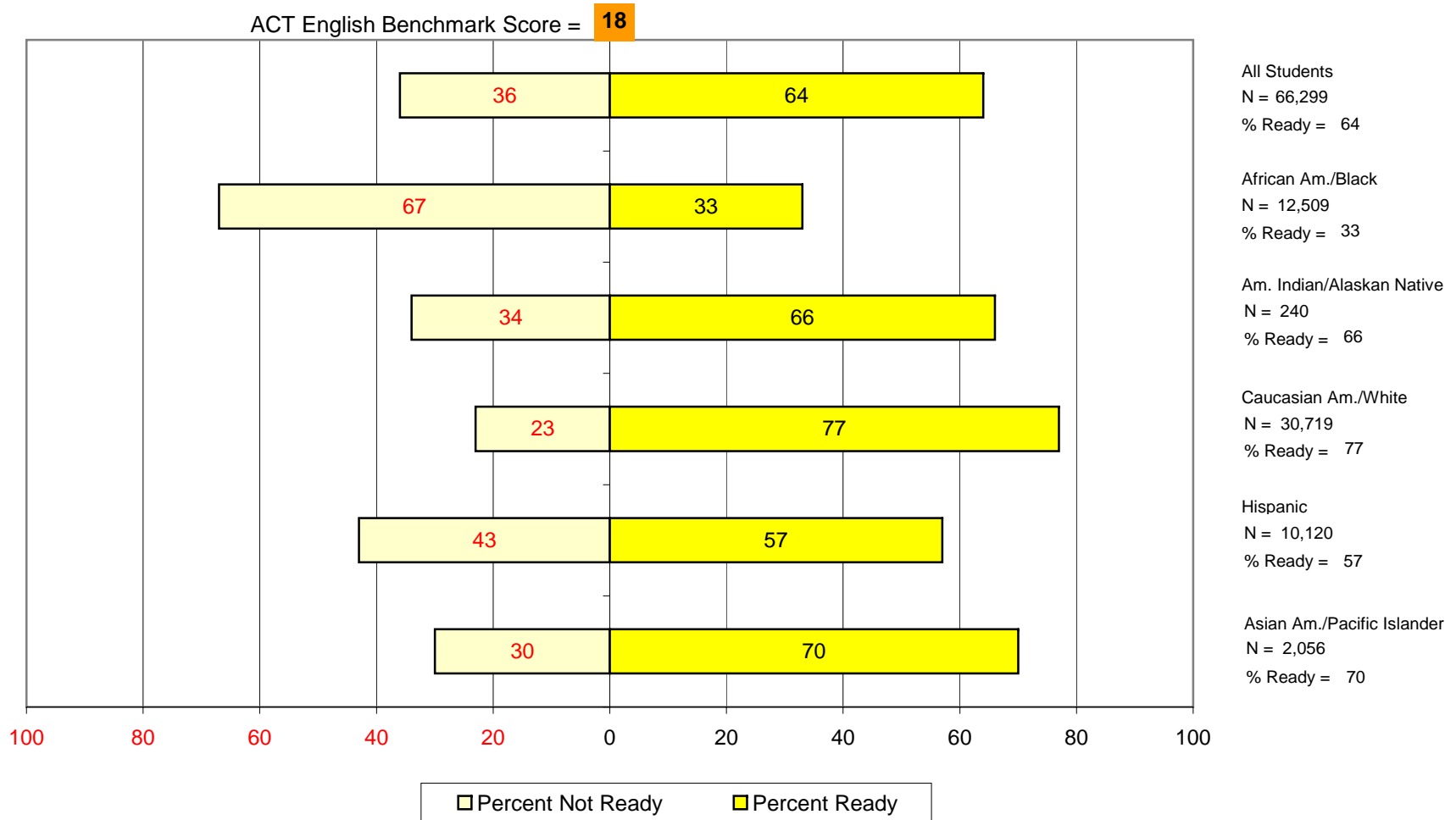


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

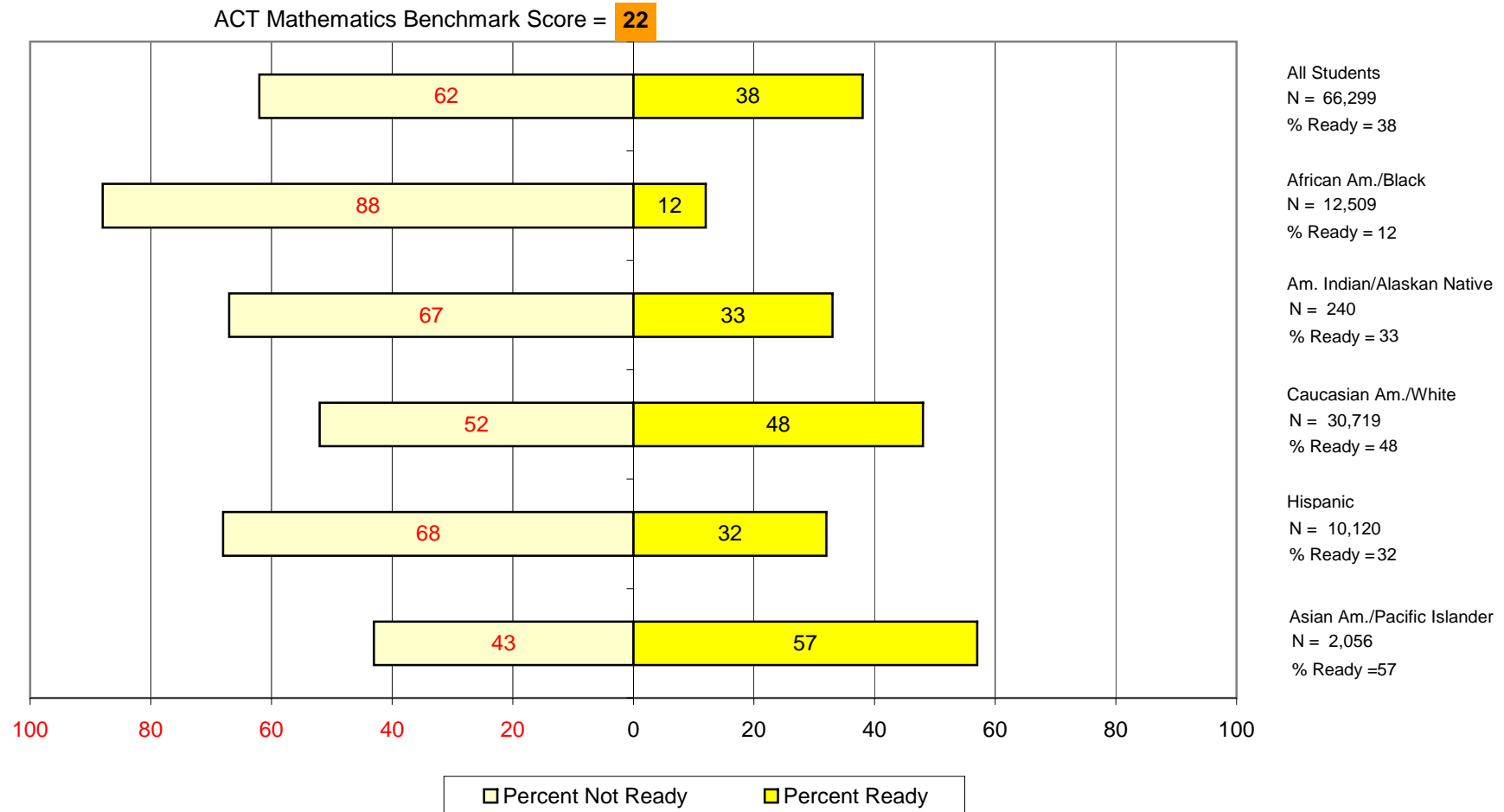


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

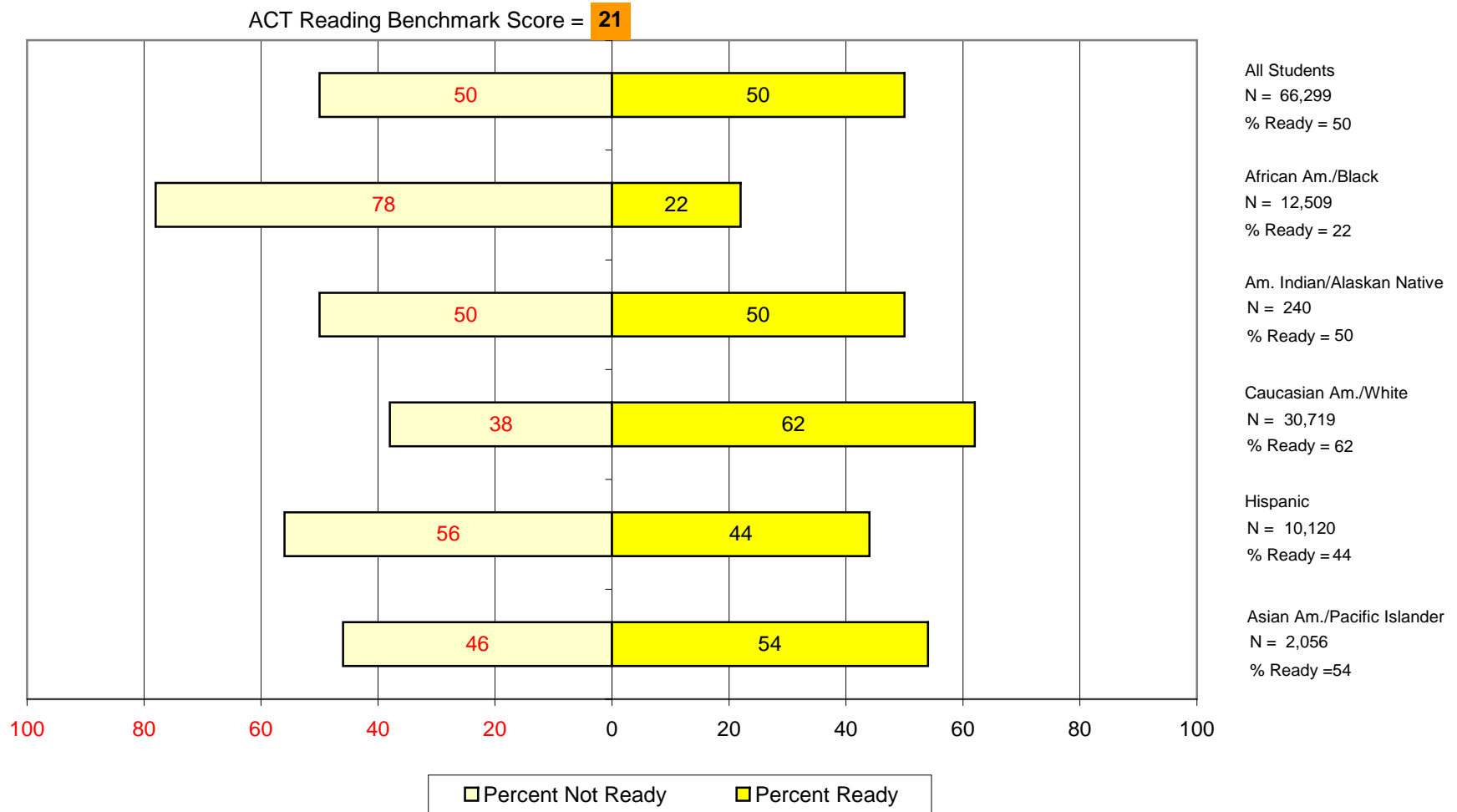


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

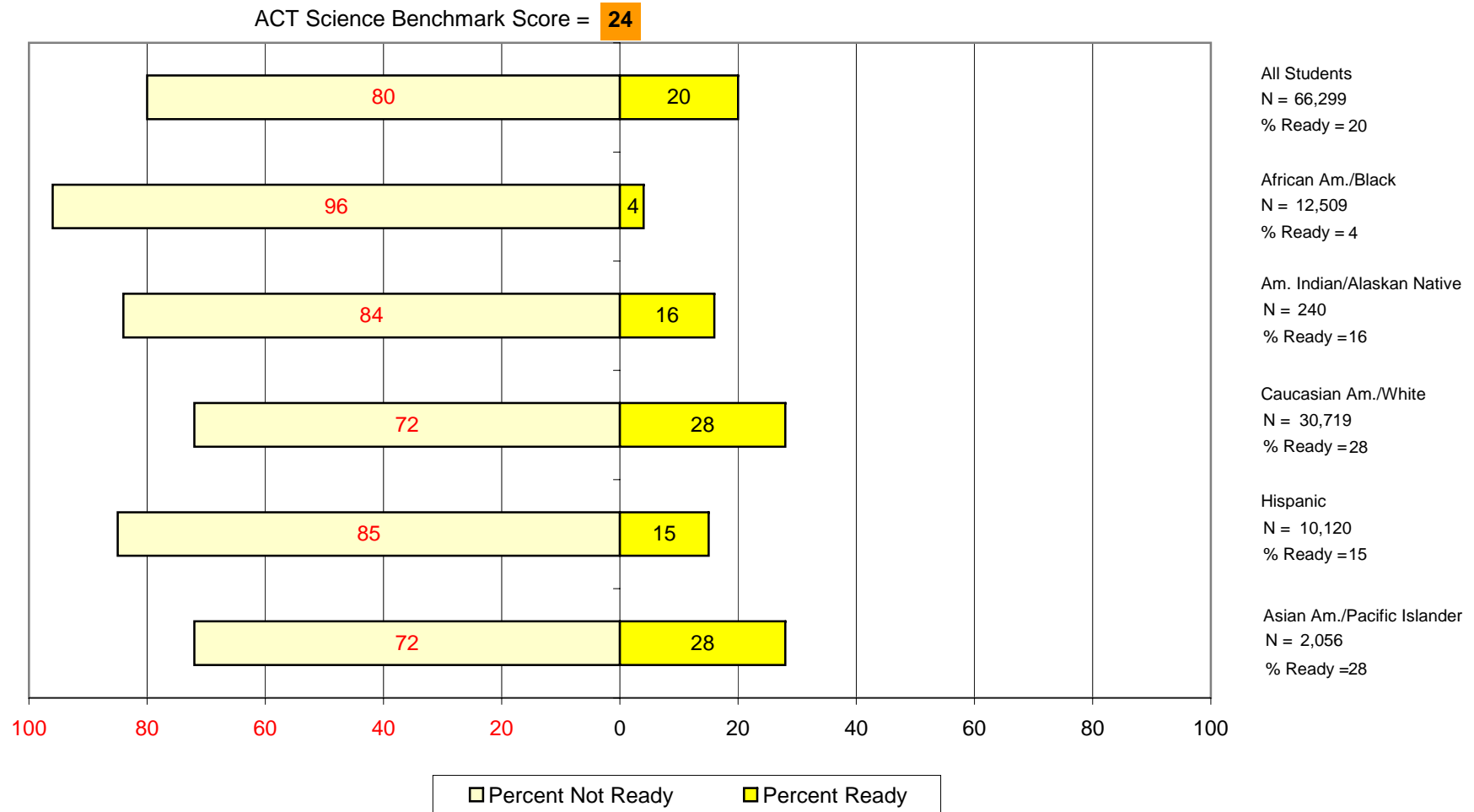


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

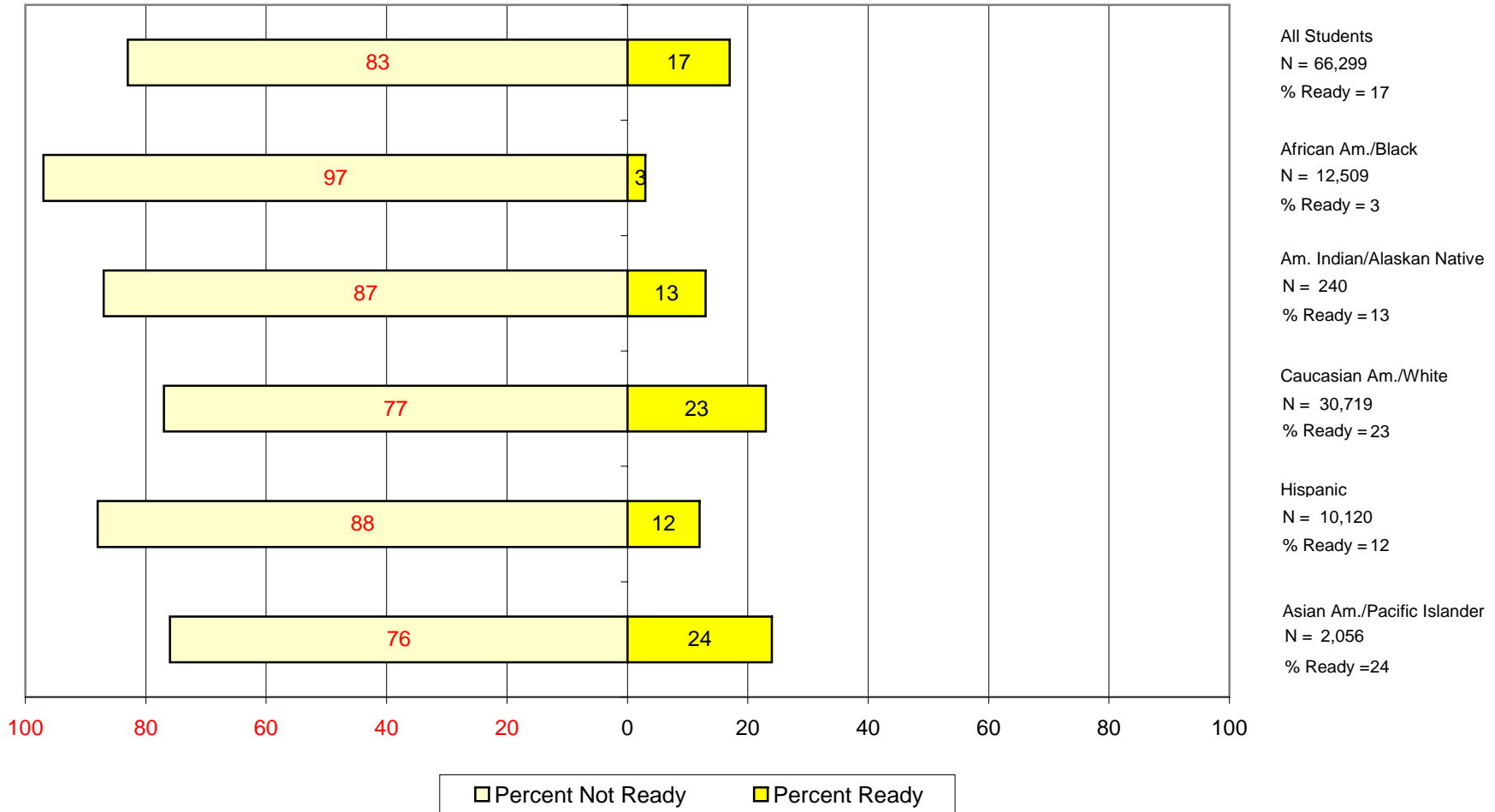


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,079	11	21.3	1.8	2,358	9	20.8	1.9	4,392	12	21.6	1.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	41,503	63	19.6	0.1	15,211	61	19.1	0.2	24,219	65	19.9	0.0
Less than 4 years of English	6,901	10	19.5	-	2,765	11	18.9	-	3,696	10	19.9	-
No English course/grade information reported	10,816	16	19.0	-	4,610	18	18.4	-	4,832	13	19.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,327	4	24.3	5.9	984	4	25.0	6.2	1,238	3	23.6	5.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,858	6	22.0	3.6	1,226	5	22.7	3.9	2,417	7	21.6	3.5
Alg 1, Alg 2, Geom, & Trig	3,690	6	20.4	2.0	1,359	5	21.0	2.2	2,128	6	19.9	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	10,690	16	20.2	1.8	3,299	13	20.9	2.1	6,883	19	19.9	1.8
Other comb of 4 or more years of Math	11,169	17	23.9	5.5	4,604	18	24.7	5.9	6,125	16	23.3	5.2
Alg 1, Alg 2, & Geom (Min. Core)	13,383	20	17.4	-1.0	4,883	20	17.9	-0.9	7,821	21	17.1	-1.0
Other comb of 3 or 3.5 years of Math	2,462	4	20.9	2.5	986	4	21.5	2.7	1,353	4	20.5	2.4
Less than 3 years of Math	7,465	11	18.4	-	2,786	11	18.8	-	4,162	11	18.1	-
No Math course/grade information reported	11,255	17	20.0	-	4,817	19	20.4	-	5,012	13	19.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	444	1	22.8	2.5	196	1	21.7	2.0	235	1	23.7	3.0
Other comb of 4 or more years Social Science	29,019	44	21.8	1.5	9,669	39	21.5	1.8	17,915	48	21.9	1.2
US Hist, World Hist, & Am Gov (Min. Core)	1,068	2	19.4	-0.9	558	2	18.9	-0.8	465	1	19.9	-0.8
Other comb of 3 or 3.5 years of Social Science	16,370	25	20.0	-0.3	6,361	26	19.8	0.1	9,217	25	20.2	-0.5
Less than 3 years of Social Science	8,083	12	20.3	-	3,283	13	19.7	-	4,286	12	20.7	-
No Soc Sci course/grade information reported	11,315	17	20.4	-	4,877	20	19.9	-	5,021	14	20.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	15,179	23	21.4	3.0	6,129	25	22.1	3.6	8,375	23	20.9	2.5
Bio, Chem, Phys	5,305	8	22.5	4.1	2,084	8	23.5	5.0	2,955	8	21.9	3.5
Gen Sci ² , Bio, Chem (Min. Core)	17,969	27	19.4	1.0	5,764	23	19.7	1.2	11,314	30	19.2	0.8
Other comb of 3 years of Natural Science	1,130	2	18.6	0.2	531	2	19.2	0.7	554	1	18.1	-0.3
Less than 3 years of Natural Science	14,566	22	18.4	-	5,237	21	18.5	-	8,499	23	18.4	-
No Nat Sci course/grade information reported	12,150	18	19.6	-	5,199	21	19.9	-	5,442	15	19.3	-

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	7,079	11	21.3	74	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	41,503	63	19.6	63	668,226	55	20.4	67
Less than 4 years of English	6,901	10	19.5	65	115,551	10	19.4	62
No English course/grade information reported	10,816	16	19.0	59	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,327	4	24.3	73	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,858	6	22.0	55	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	3,690	6	20.4	37	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	10,690	16	20.2	36	153,394	13	20.3	37
Other comb of 4 or more years of Math	11,169	17	23.9	68	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	13,383	20	17.4	11	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	2,462	4	20.9	43	54,965	5	20.6	40
Less than 3 years of Math	7,465	11	18.4	23	131,567	11	17.9	18
No Math course/grade information reported	11,255	17	20.0	35	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	444	1	22.8	62	31,335	3	22.7	60
Other comb of 4 or more years Social Science	29,019	44	21.8	56	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	1,068	2	19.4	38	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	16,370	25	20.0	43	325,879	27	21.3	52
Less than 3 years of Social Science	8,083	12	20.3	46	179,270	15	20.5	46
No Soc Sci course/grade information reported	11,315	17	20.4	46	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	15,179	23	21.4	30	320,821	27	22.3	38
Bio, Chem, Phys	5,305	8	22.5	39	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	17,969	27	19.4	15	339,689	28	20.2	19
Other comb of 3 years of Natural Science	1,130	2	18.6	15	32,330	3	20.5	24
Less than 3 years of Natural Science	14,566	22	18.4	12	234,307	19	19.1	14
No Nat Sci course/grade information reported	12,150	18	19.6	19	163,789	14	20.7	26

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	395	1	18.2	62	2	15.5	316	1	18.9
Architecture & Environmental Design	1,136	2	20.3	36	1	16.7	1,036	2	20.5
Business & Management	5,306	8	19.6	215	8	16.3	4,855	10	19.8
Business & Office	327	0	18.7	34	1	16.3	265	1	19.0
Marketing & Distribution	434	1	20.2	23	1	16.3	393	1	20.5
Communications & Comm. Technologies	1,495	2	20.9	41	2	16.5	1,384	3	21.1
Community & Personal Services	1,269	2	17.5	164	6	15.0	1,027	2	18.1
Computer & Information Sciences	1,086	2	20.3	64	2	17.2	966	2	20.6
Cross-Disciplinary Studies	56	0	23.7	2	0	21.5	50	0	24.3
Education	1,642	2	20.0	51	2	15.7	1,525	3	20.2
Teacher Education	844	1	19.0	30	1	14.8	781	2	19.3
Engineering	1,814	3	21.7	68	3	14.3	1,652	3	22.2
Engineering-Related Technologies	1,278	2	21.7	38	1	15.8	1,192	2	21.9
Foreign Languages	180	0	22.2	7	0	18.9	163	0	22.5
Health Sciences & Allied Health Fields	10,609	16	19.6	612	23	16.3	9,563	19	19.9
Human, Family & Consumer Science	403	1	18.2	64	2	15.6	311	1	19.0
Letters	226	0	24.0	7	0	15.4	212	0	24.3
Mathematics	178	0	23.8	6	0	14.7	160	0	24.4
Philosophy, Religion & Theology	274	0	22.0	4	0	16.8	253	1	22.2
Sciences (Biological & Physical)	2,729	4	22.8	13	0	17.9	2,621	5	22.9
Social Sciences	3,526	5	21.4	33	1	16.0	3,377	7	21.5
Trade & Industrial	219	0	17.8	74	3	16.4	126	0	18.8
Visual & Performing Arts	2,466	4	20.6	131	5	16.2	2,196	4	20.9
Undecided	5,319	8	20.2	295	11	15.8	4,563	9	20.7
No Response	23,088	35	20.3	568	21	16.2	10,638	21	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/ Alaskan Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	565	15.5	177	13.9	3	15.0	236	16.9	93	15.0	6	14.7	50	15.4
2-yr College Degree	2,077	16.2	581	14.1	6	16.2	914	17.7	283	15.6	46	16.9	247	16.0
Bachelors Degree	18,323	19.3	3,432	15.9	65	18.8	9,837	20.6	2,158	18.4	419	19.5	2,412	19.2
Graduate Study	11,485	21.8	1,830	17.9	41	22.0	6,112	23.1	1,643	21.1	342	22.5	1,517	22.0
Prof. Level Degree	19,817	21.4	4,040	18.0	86	21.7	8,034	23.2	3,847	20.6	904	23.0	2,906	21.5
Other	1,681	17.5	500	15.1	8	16.9	606	19.6	235	16.8	47	18.4	285	17.8
No Response	12,351	20.0	1,949	15.9	31	18.9	4,980	21.7	1,861	18.5	292	21.5	3,238	20.7

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
FLORIDA STATE UNIVERSITY	Florida	16,802	5,477	11,325	1	8	24	37	22	8	0
UNIVERSITY OF FLORIDA	Florida	16,375	6,289	10,086	1	6	18	34	27	14	1
UNIVERSITY OF CENTRAL FLORIDA	Florida	16,314	4,207	12,107	2	8	26	37	20	7	0
UNIVERSITY OF SOUTH FLORIDA	Florida	11,868	2,913	8,955	2	10	30	36	17	5	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	6,822	2,726	4,096	4	18	38	28	9	2	0
UNIVERSITY OF MIAMI	Florida	5,691	1,172	4,519	2	10	23	31	22	11	1
UNIVERSITY OF NORTH FLORIDA	Florida	5,354	1,258	4,096	1	9	30	39	17	5	0
FLORIDA ATLANTIC UNIVERSITY	Florida	4,957	1,437	3,520	4	17	37	30	10	2	0
FLORIDA A&M UNIVERSITY	Florida	3,952	1,426	2,526	8	30	40	18	4	1	0
FLORIDA GULF COAST UNIVERSITY	Florida	2,425	833	1,592	2	11	35	36	14	3	0
UNIVERSITY OF WEST FLORIDA THE	Florida	2,396	624	1,772	1	8	28	38	19	6	0
MIAMI DADE COLLEGE	Florida	2,290	683	1,607	10	30	39	17	3	0	0
BETHUNE-COOKMAN COLLEGE	Florida	1,801	598	1,203	12	38	38	11	1	0	0
UNIVERSITY OF TAMPA	Florida	1,729	217	1,512	3	12	32	34	14	5	0
VALENCIA COMMUNITY COLLEGE	Florida	1,592	513	1,079	6	24	38	23	8	2	0
SANTA FE COMMUNITY COLLEGE	Florida	1,469	498	971	3	15	37	32	10	2	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,328	255	1,073	4	18	38	28	10	3	0
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,247	382	865	7	23	39	23	6	1	0
FLORIDA COMMUNITY COLL AT JACKSONVILLE	Florida	1,198	498	700	5	22	40	25	7	1	0
JACKSONVILLE UNIVERSITY	Florida	1,170	183	987	3	16	36	32	11	2	0
FLAGLER COLLEGE	Florida	1,163	367	796	1	5	26	40	21	6	0
PENSACOLA JUNIOR COLLEGE	Florida	1,078	477	601	2	12	36	33	13	4	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,020	391	629	6	22	40	25	6	1	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	1,002	482	520	3	13	29	31	17	6	0
BARRY UNIVERSITY	Florida	997	247	750	6	25	39	25	5	0	0
STETSON UNIVERSITY	Florida	951	184	767	1	7	19	34	25	14	0
ROLLINS COLLEGE	Florida	779	154	625	0	5	20	32	28	13	1
BROWARD COMMUNITY COLLEGE	Florida	777	308	469	13	31	37	16	3	1	0
FLORIDA SOUTHERN COLLEGE	Florida	772	205	567	3	11	29	37	15	4	0
EDISON COLLEGE	Florida	737	360	377	5	21	43	23	7	1	0
All Other Institutions		48,189	13,086	35,103	4	15	26	25	17	11	1
Total		164,245	48,450	115,795	3	13	28	30	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	26,137	430,404	21.3	22.4	7.6	7.7	21.2	22.0
African Am./Black	3,975	38,583	16.8	17.5	6.9	6.8	17.2	17.6
Am. Indian/Alaskan Native	91	2,803	21.3	19.8	7.5	7.1	21.0	19.6
Caucasian Am./White	12,461	269,428	22.9	23.4	7.8	7.8	22.5	22.8
Hispanic	4,170	33,207	20.3	18.9	7.7	7.4	20.4	19.1
Asian Am./Pacific Islander	996	21,275	22.4	23.0	8.0	8.0	22.3	22.8
Other/No Response	4,444	65,108	21.5	22.8	7.7	7.9	21.4	22.5
Males	9,534	170,904	20.9	22.1	7.4	7.4	20.6	21.5
Females	14,848	240,056	21.6	22.6	7.8	7.9	21.6	22.3
Missing	1,755	19,444	20.8	22.1	7.6	7.8	20.8	21.9

