

ACT Profile Report - State

Graduating Class 2009
Florida



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This report provides information about the performance of your 2009 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 2009 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.

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 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: 105,297 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. 70% 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 8% of the cohort took less than three years of math courses. Of these students, 3% were college ready. 22% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 8% of these students were college ready. In comparison, 47% of the students who advanced beyond minimum math 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 21% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 22% 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 57% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

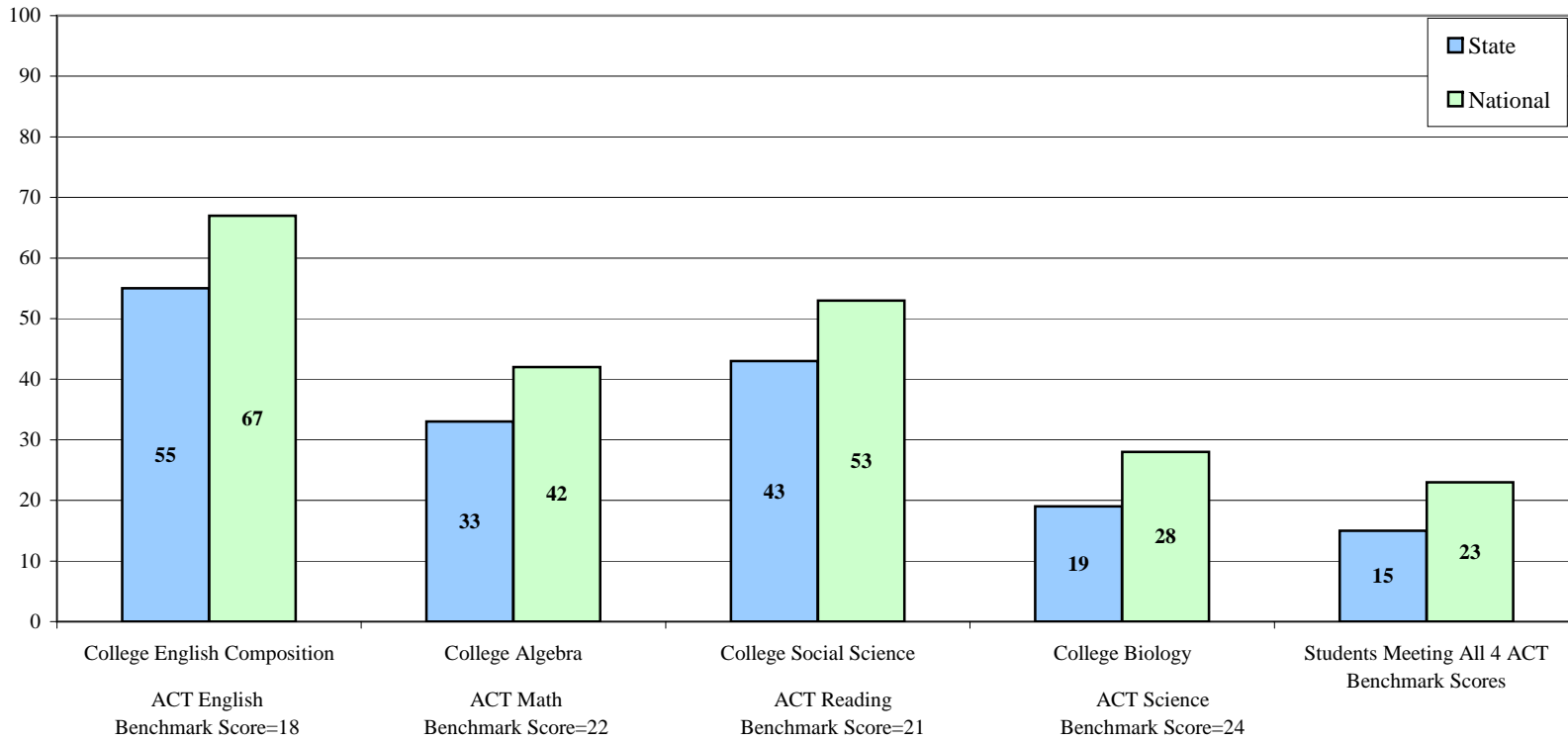
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 850-878-2729.

Section I

Executive Summary

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: 105,297

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
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
2009	105,297	1,480,469	55	67	33	42	43	53	19	28	15	23

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
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
2009	105,297	1,480,469	18.7	20.6	19.7	21.0	20.2	21.4	19.0	20.9	19.5	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2009	1,480,469	20.6	21.0	21.4	20.9	21.1

Total Students in Report: 105,297

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
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
2009	73,283	28,004	70	27	20.0	16.1	20.8	17.5	21.2	18.0	20.0	16.9	20.6	17.3

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	58,302	100	20.4	66,299	100	20.3	81,527	100	19.9	93,884	100	19.8	105,297	100	19.5
African American/Black	11,186	19	16.9	12,509	19	16.8	16,197	20	16.4	20,215	22	16.4	24,268	23	16.2
American Indian/Alaska Native	205	0	20.8	240	0	20.2	273	0	20.6	311	0	20.3	326	0	20.3
Caucasian American/White	29,955	51	21.8	30,719	46	21.8	34,557	42	21.6	41,431	44	21.6	45,839	44	21.6
Hispanic	9,027	15	19.7	10,120	15	19.6	13,335	16	19.0	18,288	19	18.8	22,238	21	18.5
Asian American/Pacific Islander	1,895	3	22.0	2,056	3	21.7	2,456	3	21.7	2,967	3	21.9	3,343	3	22.0
Other/No Response	6,034	10	20.9	10,655	16	20.5	14,709	18	20.4	10,672	11	20.4	9,283	9	19.5

Section II

Academic Achievement

Total Students in Report: 105,297

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	167	100	148	100	660	100	90	100	13	100	36
35	592	100	286	100	339	99	221	100	95	100	35
34	954	99	528	100	976	99	288	100	279	100	34
33	848	98	780	99	1,735	98	314	99	456	100	33
32	1,021	98	714	98	1,611	96	336	99	635	99	32
31	1,083	97	1,024	98	2,100	95	679	99	995	99	31
30	1,574	96	919	97	2,640	93	915	98	1,376	98	30
29	1,657	94	1,790	96	2,101	90	1,110	97	2,033	96	29
28	2,440	93	2,327	94	2,591	88	1,385	96	2,804	94	28
27	2,130	90	2,993	92	2,837	86	1,767	95	2,687	92	27
26	3,402	88	4,201	89	2,983	83	2,831	93	3,303	89	26
25	4,020	85	4,508	85	3,172	80	5,370	91	4,171	86	25
24	4,083	81	5,508	81	4,510	77	4,308	85	4,789	82	24
23	4,667	77	4,895	76	5,097	73	5,911	81	5,512	78	23
22	5,645	73	4,549	71	5,408	68	6,292	76	6,168	72	22
21	6,675	67	5,213	67	6,658	63	7,512	70	6,895	66	21
20	6,362	61	5,080	62	6,661	57	9,946	63	7,461	60	20
19	6,058	55	6,081	57	6,629	51	7,781	53	6,535	53	19
18	4,682	49	6,772	51	5,373	44	8,100	46	6,788	47	18
17	4,967	45	10,263	45	6,727	39	5,653	38	7,154	40	17
16	6,035	40	13,940	35	8,166	33	6,820	33	7,596	33	16
15	6,862	34	12,425	22	7,708	25	5,566	26	8,111	26	15
14	4,835	28	7,026	10	6,033	18	5,340	21	7,768	18	14
13	4,389	23	2,327	3	4,894	12	5,520	16	6,493	11	13
12	4,755	19	611	1	3,879	7	3,939	11	3,526	5	12
11	4,294	15	279	1	2,046	4	3,515	7	1,229	2	11
10	4,375	11	68	1	987	2	1,740	4	297	1	10
9	3,647	6	12	1	355	1	1,320	2	87	1	9
8	1,762	3	6	1	221	1	379	1	26	1	8
7	927	1	9	1	104	1	117	1	9	1	7
6	259	1	6	1	39	1	125	1	4	1	6
5	90	1	1	1	30	1	33	1	1	1	5
4	23	1	5	1	16	1	23	1	1	1	4
3	11	1	0	1	1	1	27	1	0	1	3
2	3	1	0	1	7	1	0	1	0	1	2
1	3	1	3	1	3	1	24	1	0	1	1
Avg (SD)	18.7 (6.4)		19.7 (5.0)		20.2 (6.0)		19.0 (5.1)		19.5 (5.1)		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: 105,297

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	2,266	100	731	100	2,203	100	3,767	100	2,628	100	469	100	491	100	18
17	2,755	98	791	99	2,557	98	3,098	96	4,394	98	758	100	274	100	17
16	3,227	95	3,505	99	4,057	95	5,934	93	3,735	93	1,779	99	2,135	99	16
15	3,833	92	4,770	95	5,141	92	7,215	88	5,125	90	2,224	97	3,384	97	15
14	3,833	89	5,860	91	4,967	87	7,336	81	5,893	85	7,262	95	5,230	94	14
13	5,380	85	6,786	85	6,332	82	4,921	74	6,218	79	6,331	88	9,805	89	13
12	6,720	80	9,653	79	7,601	76	7,038	69	8,377	73	9,226	82	7,344	80	12
11	7,445	73	9,979	70	8,461	69	8,937	63	8,643	65	11,941	73	10,917	73	11
10	10,748	66	12,094	60	12,447	61	8,681	54	8,865	57	18,429	62	14,700	62	10
9	10,165	56	11,804	49	12,735	49	7,714	46	9,495	49	15,813	45	14,511	48	9
8	8,192	46	10,396	37	14,752	37	10,388	39	12,206	40	12,822	30	12,262	35	8
7	9,716	39	9,704	27	11,544	23	9,079	29	15,000	28	7,461	17	8,441	23	7
6	9,992	29	5,360	18	6,289	12	7,858	20	8,885	14	3,873	10	6,190	15	6
5	7,967	20	5,949	13	3,264	6	8,115	13	3,367	6	3,403	7	4,517	9	5
4	7,143	12	5,043	8	1,461	3	2,982	5	1,663	2	1,644	3	2,327	5	4
3	4,233	6	2,404	3	924	1	1,742	2	583	1	1,390	2	1,645	3	3
2	1,547	2	402	1	431	1	453	1	188	1	149	1	623	1	2
1	135	1	66	1	131	1	39	1	32	1	323	1	501	1	1
Avg (SD)	9.1 (3.9)		9.7 (3.4)		10.1 (3.4)		10.3 (4.0)		10.2 (3.6)		9.9 (2.8)		9.7 (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)	23	23	24	22	23
Q2 (50th Percentile)	19	18	19	19	19
Q1 (25th Percentile)	14	16	16	15	15

Total Students in Report: 105,297

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	105,297	70	20.6	17.3
	African American/Black	24,268	61	17.0	15.1
	American Indian/Alaska Native	326	71	21.1	18.6
	Caucasian American/White	45,839	73	22.5	19.1
	Hispanic	22,238	70	19.6	16.3
	Asian American/Pacific Islander	3,343	82	22.5	20.2
	Other/No Response	9,283	69	20.7	17.2
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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	18.7	19.7	20.2	19.0	19.5
	African American/Black	14.8	16.8	16.8	16.0	16.2
	American Indian/Alaska Native	19.5	19.9	21.4	19.8	20.3
	Caucasian American/White	21.2	21.4	22.4	20.8	21.6
	Hispanic	17.5	18.9	19.1	18.1	18.5
	Asian American/Pacific Islander	21.2	23.0	22.0	21.3	22.0
	Other/No Response	18.7	19.8	20.1	19.0	19.5
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 105,297

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	2,561	2	1,742	2	3,710	4	913	1
	28 to 32	7,775	7	6,774	6	11,043	10	4,425	4
	24 to 27	13,635	13	17,210	16	13,502	13	14,276	14
	20 to 23	23,349	22	19,737	19	23,824	23	29,661	28
	16 to 19	21,742	21	37,056	35	26,895	26	28,354	27
	13 to 15	16,086	15	21,778	21	18,635	18	16,426	16
	01 to 12	20,149	19	1,000	1	7,688	7	11,242	11
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	44,488	42	18.3	20.3	20.0	19.4	19.6
	Females	60,613	58	19.1	19.3	20.3	18.7	19.5
	Missing	196	0	18.4	20.1	20.1	18.9	19.5
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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	52	38	42	22	18
	Females	57	30	44	16	13
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 105,297

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 % ³	Avg
State	Core or More ²	73,283	65	20.0	41	20.8	51	21.2	23	20.0	19	20.6
	Less than Core	28,004	35	16.1	16	17.5	27	18.0	8	16.9	6	17.3
	Missing	4,010	16	13.3	9	16.3	13	15.9	4	15.3	3	15.3
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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.

³Composite 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	99,208	57	19.0	93,454	37	20.2	95,233	45	20.5	79,890	22	19.8
	Less than Core	2,638	29	14.9	8,198	3	15.5	6,522	26	17.9	21,638	7	16.8
	Missing	3,451	17	13.4	3,645	9	16.3	3,542	13	16.0	3,769	4	15.3
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

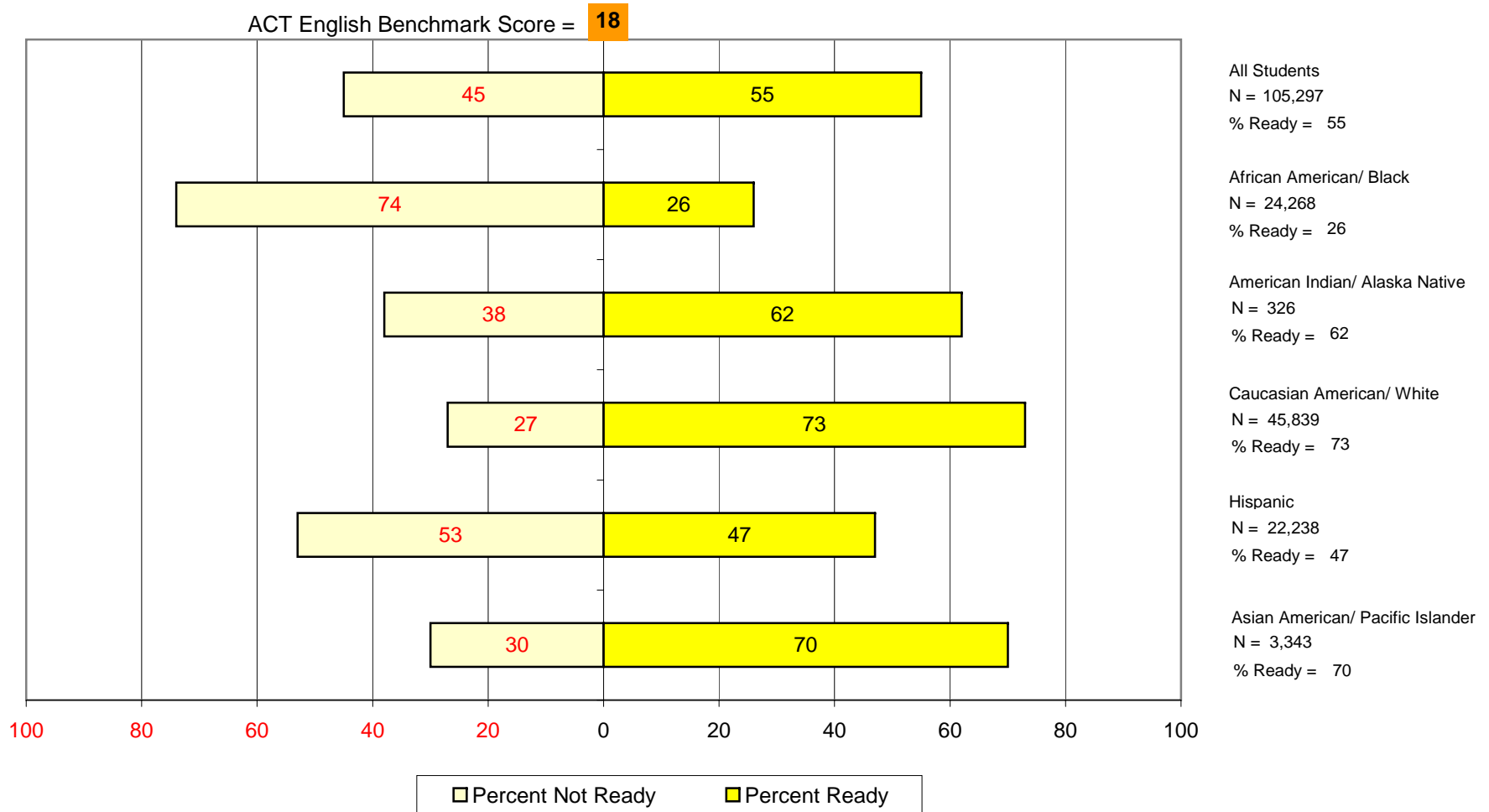
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

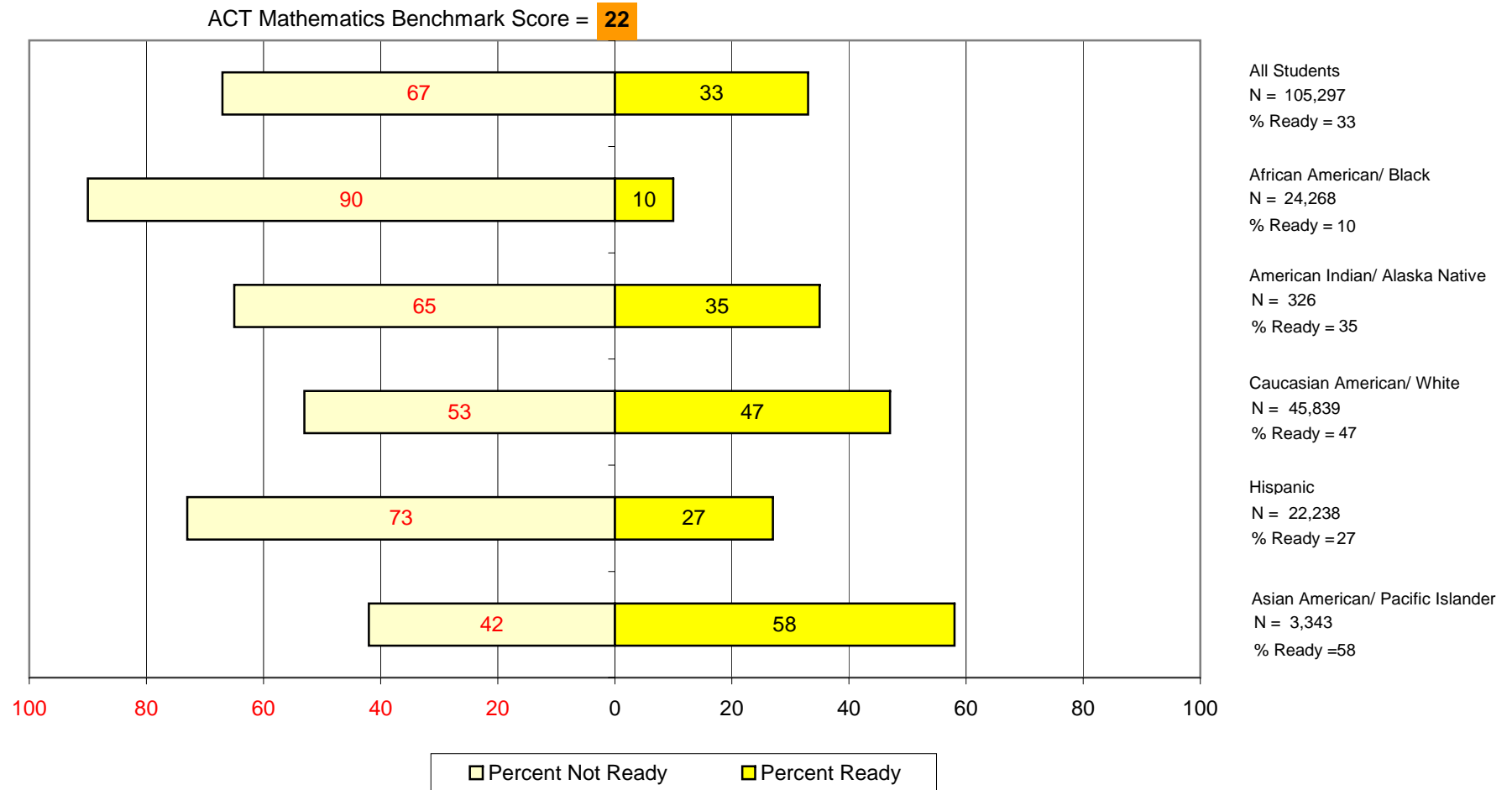
Total Students in Report: 105,297

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



Total Students in Report: 105,297

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



Total Students in Report: 105,297

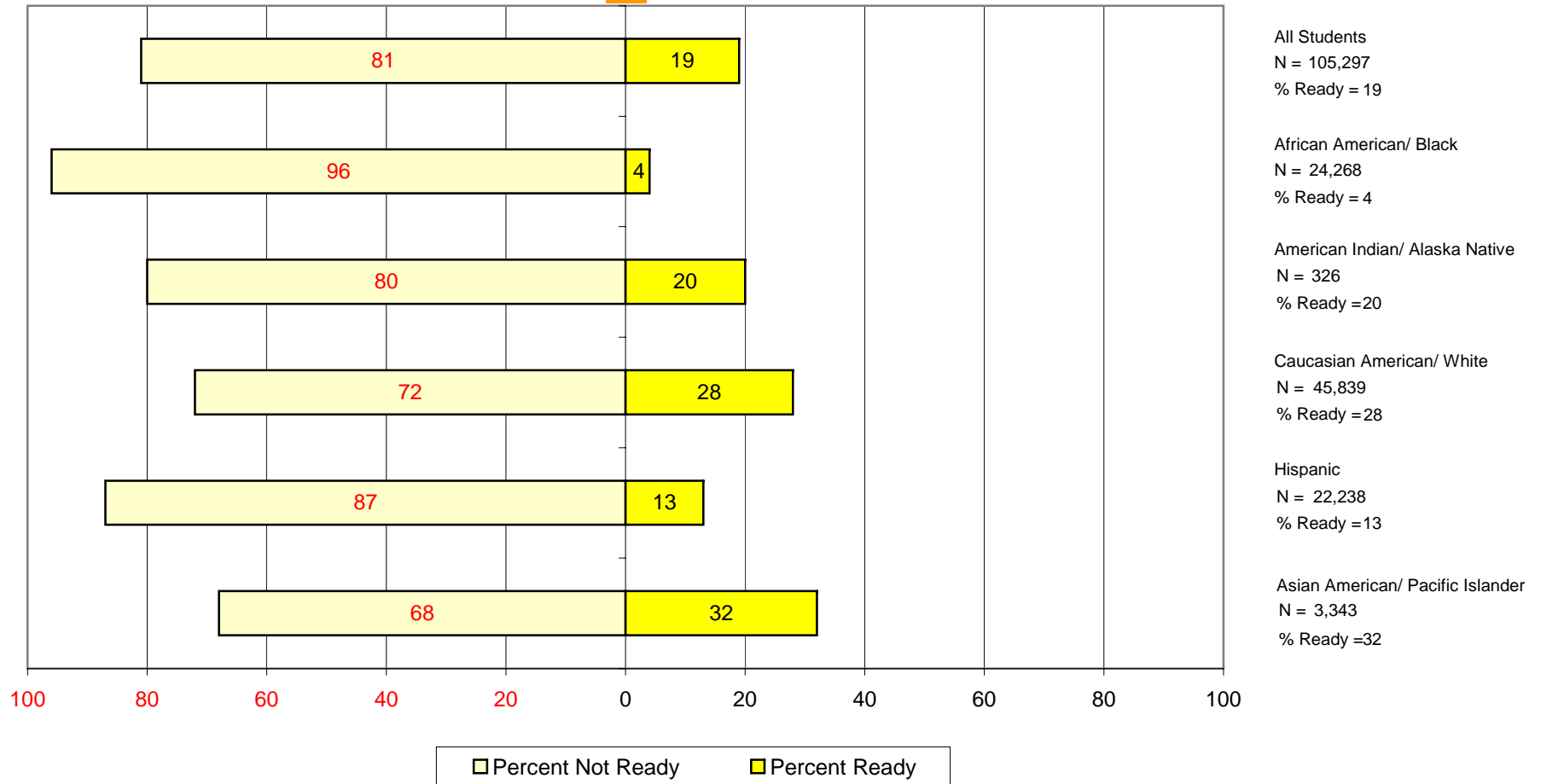
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 105,297

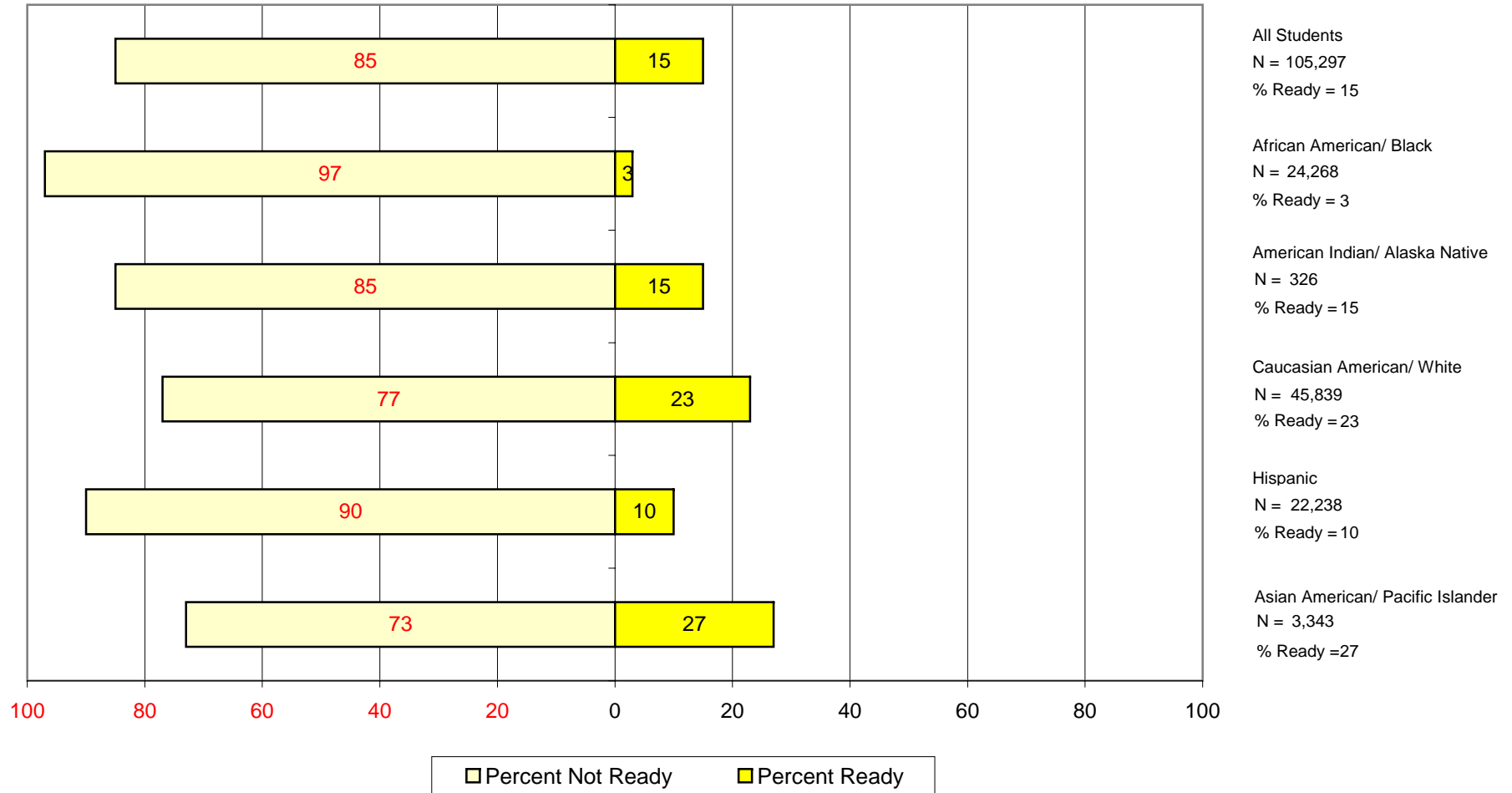
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 105,297

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



Total Students in Report: 105,297

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	21,666	21	19.8	5.1	8,857	20	19.1	4.5	12,774	21	20.3	5.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	77,542	74	18.8	4.1	32,648	73	18.4	3.8	44,805	74	19.1	4.2
Less than 4 years of English	2,839	3	14.7	-	1,313	3	14.6	-	1,507	2	14.9	-
No English course/grade information reported	3,250	3	13.5	-	1,670	4	13.4	-	1,527	3	13.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,421	3	23.3	7.8	1,532	3	24.2	8.5	1,885	3	22.6	7.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,135	7	21.8	6.3	2,604	6	22.4	6.7	4,524	7	21.6	6.2
Alg 1, Alg 2, Geom, & Trig	4,894	5	19.6	4.1	2,070	5	20.0	4.3	2,813	5	19.2	3.8
Alg 1, Alg 2, Geom, & Other Adv Math	19,535	19	19.9	4.4	7,083	16	20.3	4.6	12,436	21	19.6	4.2
Other comb of 4 or more years of Math	30,817	29	22.5	7.0	14,439	32	23.2	7.5	16,326	27	22.0	6.6
Alg 1, Alg 2, & Geom (Min. Core)	23,317	22	16.9	1.4	9,381	21	17.1	1.4	13,909	23	16.7	1.3
Other comb of 3 or 3.5 years of Math	4,335	4	19.4	3.9	2,009	5	19.8	4.1	2,322	4	19.0	3.6
Less than 3 years of Math	8,533	8	15.5	-	3,671	8	15.7	-	4,841	8	15.4	-
No Math course/grade information reported	3,310	3	16.4	-	1,699	4	16.7	-	1,557	3	16.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	675	1	21.4	3.6	349	1	20.8	3.0	324	1	22.0	4.1
Other comb of 4 or more years Social Science	65,875	63	21.0	3.2	26,444	59	20.9	3.1	39,354	65	21.1	3.2
US Hist, World Hist, & Am Gov (Min. Core)	1,352	1	18.0	0.2	706	2	17.8	0.0	642	1	18.2	0.3
Other comb of 3 or 3.5 years of Social Science	27,331	26	19.2	1.4	12,064	27	19.1	1.3	15,224	25	19.3	1.4
Less than 3 years of Social Science	6,762	6	17.8	-	3,231	7	17.8	-	3,516	6	17.9	-
No Soc Sci course/grade information reported	3,302	3	16.1	-	1,694	4	16.1	-	1,553	3	16.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	37,342	35	20.4	3.7	17,226	39	21.0	4.4	20,050	33	19.9	3.1
Bio, Chem, Phys	6,818	6	22.3	5.6	2,955	7	23.2	6.6	3,855	6	21.6	4.8
Gen Sci ² , Bio, Chem (Min. Core)	32,958	31	18.8	2.1	12,349	28	18.9	2.3	20,583	34	18.7	1.9
Other comb of 3 years of Natural Science	2,772	3	16.9	0.2	1,334	3	17.5	0.9	1,434	2	16.4	-0.4
Less than 3 years of Natural Science	22,050	21	16.7	-	8,902	20	16.6	-	13,110	22	16.8	-
No Nat Sci course/grade information reported	3,357	3	15.4	-	1,722	4	15.6	-	1,581	3	15.1	-

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.

Total Students in Report: 105,297

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	21,666	21	19.8	63	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	77,542	74	18.8	56	1,029,431	70	20.6	68
Less than 4 years of English	2,839	3	14.7	28	74,090	5	16.7	42
No English course/grade information reported	3,250	3	13.5	17	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,421	3	23.3	62	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,135	7	21.8	54	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	4,894	5	19.6	31	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	19,535	19	19.9	33	220,868	15	20.1	36
Other comb of 4 or more years of Math	30,817	29	22.5	56	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	23,317	22	16.9	8	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	4,335	4	19.4	30	70,732	5	20.1	35
Less than 3 years of Math	8,533	8	15.5	3	105,591	7	16.5	7
No Math course/grade information reported	3,310	3	16.4	10	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	675	1	21.4	51	46,754	3	22.8	61
Other comb of 4 or more years Social Science	65,875	63	21.0	50	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	1,352	1	18.0	27	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	27,331	26	19.2	36	420,236	28	21.3	52
Less than 3 years of Social Science	6,762	6	17.8	26	152,775	10	19.7	40
No Soc Sci course/grade information reported	3,302	3	16.1	14	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	37,342	35	20.4	27	563,824	38	22.2	39
Bio, Chem, Phys	6,818	6	22.3	39	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	32,958	31	18.8	15	459,833	31	20.1	21
Other comb of 3 years of Natural Science	2,772	3	16.9	9	41,353	3	19.8	21
Less than 3 years of Natural Science	22,050	21	16.7	7	233,215	16	18.4	11
No Nat Sci course/grade information reported	3,357	3	15.4	4	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 105,297

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	1,086	1	17.4	216	3	15.0	733	1	18.4
Architecture & Environmental Design	2,028	2	20.0	103	1	14.9	1,721	2	20.5
Business & Management	12,828	12	19.4	706	9	15.2	10,977	13	19.8
Business & Office	1,170	1	17.1	189	2	14.7	808	1	18.0
Marketing & Distribution	1,000	1	19.3	56	1	15.1	851	1	19.7
Communications & Comm. Technologies	2,967	3	21.0	112	1	15.6	2,620	3	21.3
Community & Personal Services	2,834	3	17.3	429	6	15.3	2,147	3	17.8
Computer & Information Sciences	2,310	2	19.6	222	3	16.0	1,889	2	20.2
Cross-Disciplinary Studies	166	0	22.5	5	0	13.8	140	0	23.4
Education	3,366	3	19.2	213	3	14.7	2,838	3	19.7
Teacher Education	1,927	2	18.2	155	2	14.8	1,608	2	18.8
Engineering	3,959	4	21.7	213	3	14.6	3,430	4	22.4
Engineering-Related Technologies	3,200	3	20.6	203	3	14.9	2,704	3	21.3
Foreign Languages	452	0	20.6	44	1	15.3	356	0	21.7
Health Sciences & Allied Health Fields	23,038	22	19.2	1,821	24	15.5	19,508	23	19.8
Human, Family & Consumer Science	1,162	1	16.9	186	2	14.8	856	1	17.5
Letters	510	0	23.2	13	0	18.4	459	1	23.5
Mathematics	692	1	21.1	51	1	14.9	571	1	21.9
Philosophy, Religion & Theology	474	0	21.4	14	0	14.9	414	0	21.8
Sciences (Biological & Physical)	5,618	5	22.4	104	1	16.0	5,195	6	22.6
Social Sciences	6,561	6	21.5	98	1	16.1	6,106	7	21.6
Trade & Industrial	833	1	15.8	389	5	14.9	285	0	17.7
Visual & Performing Arts	6,018	6	19.7	464	6	15.5	4,948	6	20.3
Undecided	16,217	15	19.4	1,516	20	15.1	11,515	14	20.4
No Response	4,881	5	15.5	197	3	14.0	567	1	16.9

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, 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: 105,297

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	1,772	14.7	464	13.9	9	16.6	725	15.4	422	14.2	23	15.1	129	14.6
2-yr College Degree	5,947	15.3	1,835	14.2	17	16.4	2,164	16.8	1,405	14.7	91	15.5	435	14.9
Bachelors Degree	35,609	18.8	7,992	15.8	106	19.7	17,966	20.6	6,095	17.5	834	19.7	2,616	18.5
Graduate Study	16,077	22.0	2,560	17.8	48	22.2	8,808	23.5	2,892	21.0	486	23.2	1,283	21.6
Prof. Level Degree	31,560	21.2	6,904	17.8	109	22.0	11,691	23.6	8,252	20.1	1,539	23.7	3,065	21.4
Other	3,507	16.5	1,142	14.6	3	15.3	1,110	18.6	746	16.0	110	18.6	396	16.7
No Response	10,825	17.4	3,371	14.7	34	17.3	3,375	20.2	2,426	16.4	260	21.4	1,359	18.1

Total Students in Report: 105,297

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	21,850	6,233	15,617	1	8	23	35	23	10	0
UNIVERSITY OF FLORIDA	Florida	17,110	6,658	10,452	1	5	16	30	28	18	2
FLORIDA STATE UNIVERSITY	Florida	16,916	5,400	11,516	1	8	21	34	25	11	1
UNIVERSITY OF SOUTH FLORIDA	Florida	15,849	3,853	11,996	1	9	25	35	21	8	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	7,248	2,559	4,689	3	18	35	30	11	3	0
FLORIDA ATLANTIC UNIVERSITY	Florida	6,379	1,806	4,573	3	17	34	31	12	4	0
UNIVERSITY OF NORTH FLORIDA	Florida	5,215	1,202	4,013	1	9	27	37	20	6	0
UNIVERSITY OF MIAMI	Florida	5,096	1,115	3,981	2	12	22	29	21	13	1
FLORIDA A&M UNIVERSITY	Florida	4,781	1,734	3,047	5	34	41	16	3	1	0
FLORIDA GULF COAST UNIVERSITY	Florida	4,023	1,079	2,944	1	12	32	36	15	3	0
MIAMI DADE COLLEGE	Florida	3,223	1,360	1,863	11	34	32	18	4	1	0
BETHUNE-COOKMAN UNIVERSITY	Florida	2,577	868	1,709	7	44	38	9	1	0	0
UNIVERSITY OF WEST FLORIDA THE	Florida	2,561	640	1,921	1	8	28	37	20	7	0
VALENCIA COMMUNITY COLLEGE	Florida	2,356	968	1,388	6	29	35	24	5	1	0
NCAA ELIGIBILITY CENTER	Indiana	1,888	1,083	805	2	17	35	27	14	5	0
SANTA FE COLLEGE	Florida	1,748	679	1,069	3	22	34	28	10	2	0
UNIVERSITY OF TAMPA	Florida	1,707	259	1,448	3	14	29	33	15	6	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,631	782	849	6	29	37	22	6	1	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,493	334	1,159	3	19	34	29	10	4	0
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,410	410	1,000	6	30	35	21	6	1	0
PALM BEACH COMMUNITY COLLEGE	Florida	1,249	683	566	12	39	32	13	4	1	0
FLORIDA COMMUNITY COLL AT JACKSONVILLE	Florida	1,243	604	639	6	29	36	19	8	2	0
JACKSONVILLE UNIVERSITY	Florida	1,227	198	1,029	4	20	32	27	14	3	0
BROWARD COLLEGE	Florida	1,194	538	656	10	36	33	15	5	1	0
FLAGLER COLLEGE	Florida	1,178	355	823	1	7	23	38	21	9	0
BARRY UNIVERSITY	Florida	1,170	360	810	7	30	37	21	4	1	0
EDISON COLLEGE	Florida	1,101	670	431	7	31	37	19	4	1	0
STETSON UNIVERSITY	Florida	1,079	216	863	0	6	20	35	25	13	1
PENSACOLA JUNIOR COLLEGE	Florida	945	518	427	3	17	34	31	12	3	0
FLORIDA SOUTHERN COLLEGE	Florida	927	234	693	2	13	28	36	16	5	0
All Other Institutions		54,862	15,497	39,365	4	18	25	23	17	12	2
Total		191,236	58,895	132,341	3	15	26	28	18	9	1

Section V

Optional Writing Test Results

Total Students in Report: 105,297

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	53,095	814,713	21.1	21.5	7.3	7.2	20.6	20.8
African American/Black	9,156	96,225	16.8	16.5	6.8	6.4	17.1	16.5
American Indian/Alaska Native	163	5,489	21.5	18.9	7.1	6.7	20.8	18.5
Caucasian American/White	25,370	497,164	23.0	22.8	7.4	7.3	22.1	21.9
Hispanic	11,373	85,681	20.0	18.4	7.3	7.0	19.8	18.4
Asian American/Pacific Islander	2,179	44,716	23.1	23.5	7.5	7.6	22.3	22.8
Other/No Response	4,854	85,438	21.2	21.4	7.3	7.2	20.7	20.8
Males	21,607	357,025	20.8	21.1	7.0	6.9	20.1	20.3
Females	31,400	455,190	21.3	21.7	7.4	7.4	21.0	21.2
Missing	88	2,498	23.3	22.1	7.5	7.2	22.4	21.3

