

ACT Profile Report - State

Graduating Class 2011
New Jersey



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This report provides information about the performance of your 2011 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 2011 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

37% 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: 20,796 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. 56% 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 1% of the cohort took less than three years of math courses. Of these students, 20% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 71% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 4% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 42% 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 26% 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 508-229-0111.

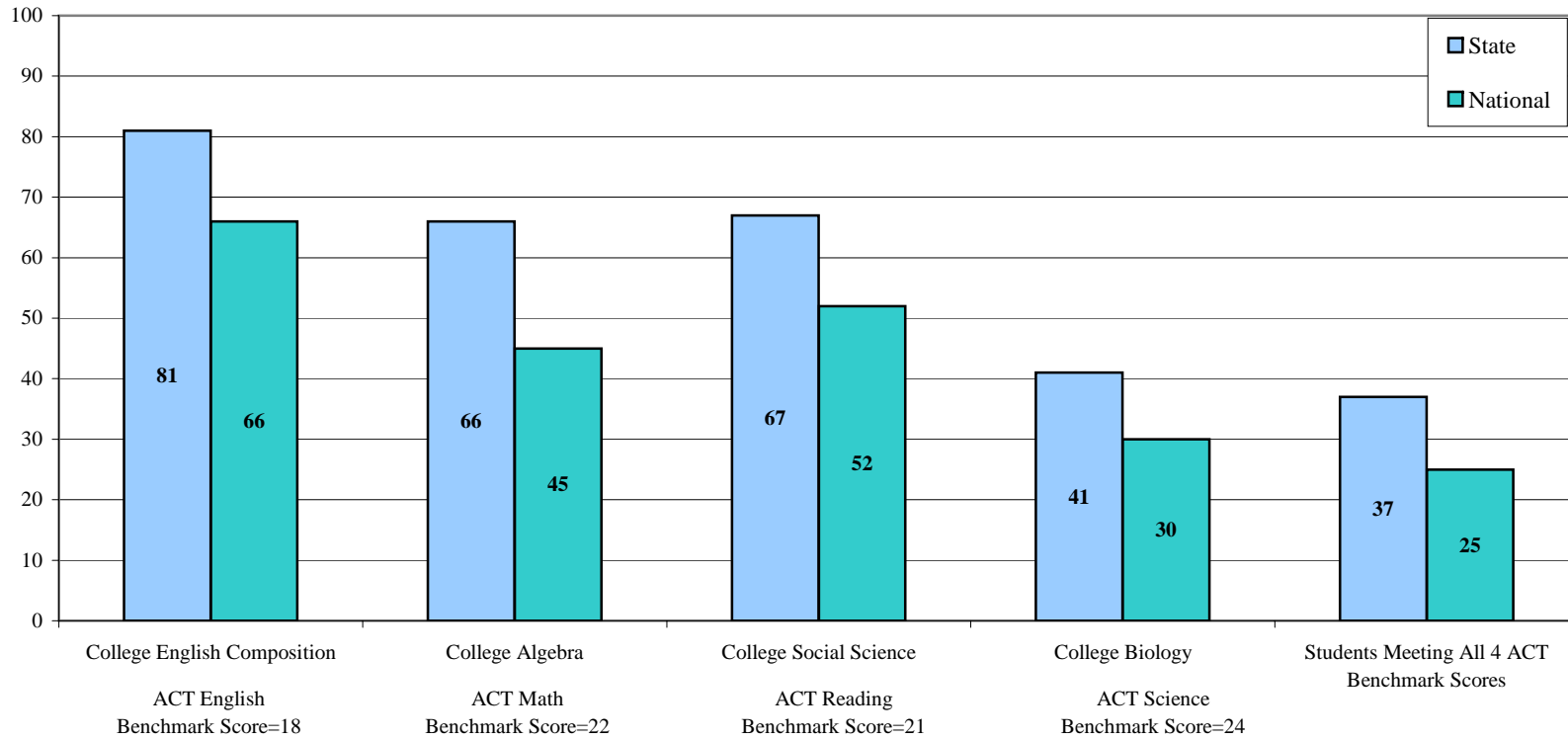
Section I

Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 20,796

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: 20,796

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
2007	11,132	1,300,599	77	69	55	43	60	53	33	28	29	23
2008	14,714	1,421,941	80	68	59	43	63	53	35	28	31	22
2009	17,679	1,480,469	81	67	61	42	65	53	38	28	34	23
2010	19,177	1,568,835	82	66	64	43	65	52	40	29	36	24
2011	20,796	1,623,112	81	66	66	45	67	52	41	30	37	25

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
2007	11,132	1,300,599	21.9	20.7	22.5	21.0	22.4	21.5	21.5	21.0	22.2	21.2
2008	14,714	1,421,941	22.6	20.6	23.2	21.0	22.9	21.4	21.7	20.8	22.7	21.1
2009	17,679	1,480,469	22.9	20.6	23.5	21.0	23.2	21.4	22.1	20.9	23.1	21.1
2010	19,177	1,568,835	23.1	20.5	23.6	21.0	23.2	21.3	22.4	20.9	23.2	21.0
2011	20,796	1,623,112	23.1	20.6	23.7	21.1	23.3	21.3	22.4	20.9	23.2	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
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1

Total Students in Report: 20,796

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
2007	3,052	5,618	27	50	22.7	21.3	23.2	22.0	23.2	21.9	22.0	21.1	22.9	21.7
2008	5,818	7,128	40	48	23.1	22.0	23.5	22.8	23.5	22.4	22.0	21.4	23.1	22.2
2009	9,704	7,778	55	44	23.5	22.4	23.9	23.1	23.7	22.6	22.5	21.8	23.5	22.6
2010	10,658	8,379	56	44	23.6	22.4	24.0	23.1	23.7	22.6	22.7	22.0	23.7	22.7
2011	11,728	8,782	56	42	23.7	22.4	24.1	23.3	23.8	22.6	22.7	22.0	23.7	22.7

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

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

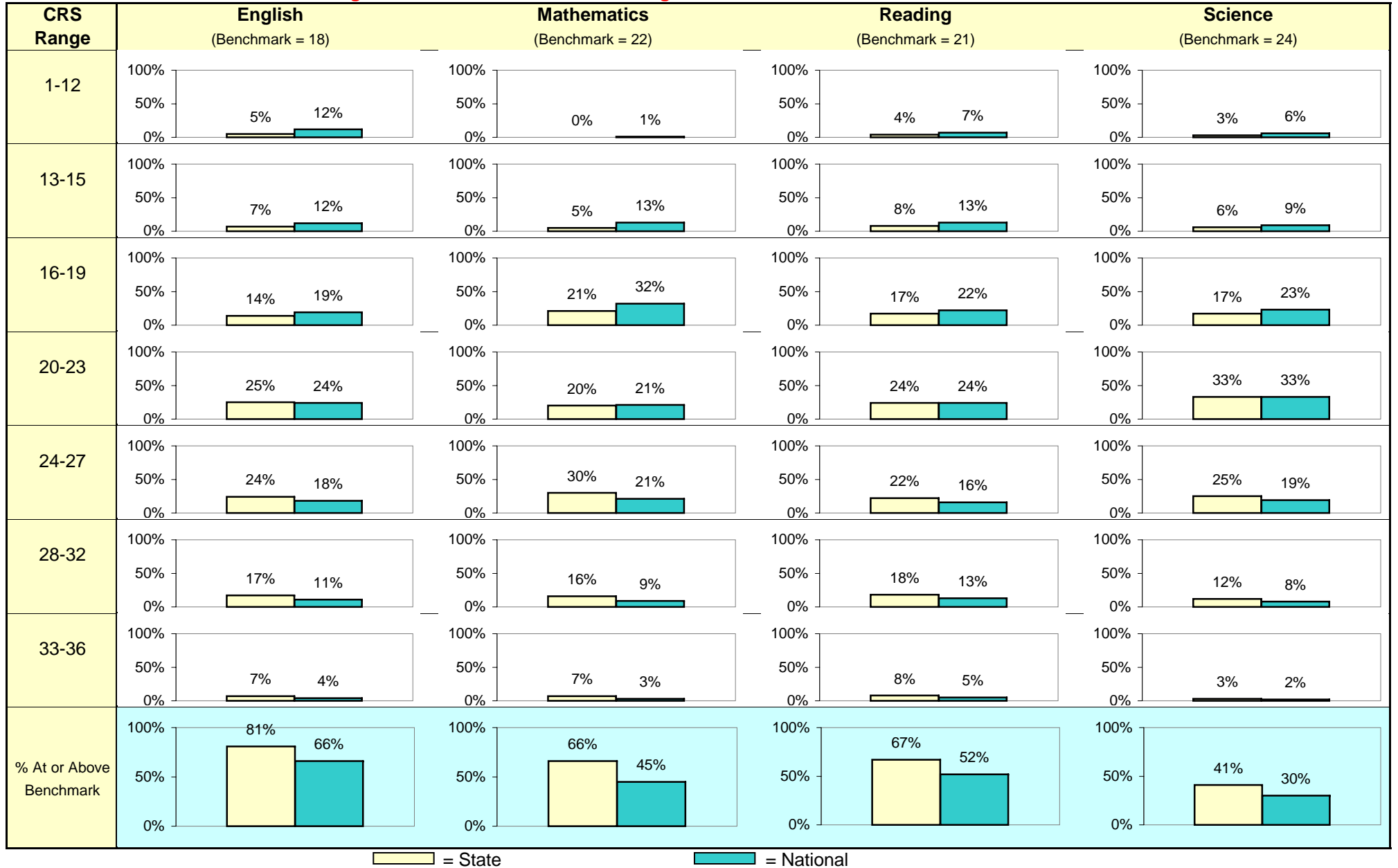
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	11,132	100	22.2	14,714	100	22.7	17,679	100	23.1	19,177	100	23.2	20,796	100	23.2
Black/African American	1,112	10	17.5	1,261	9	17.8	1,534	9	18.0	1,621	8	18.2	1,830	9	18.1
American Indian/Alaska Native	11	0	20.6	23	0	20.0	33	0	20.5	36	0	21.5	41	0	20.0
White	5,796	52	22.7	8,778	60	23.0	11,647	66	23.4	12,733	66	23.7	13,564	65	23.8
Hispanic/Latino	606	5	20.1	837	6	20.5	1,080	6	20.9	1,278	7	20.9	1,673	8	20.9
Asian	487	4	25.0	812	6	25.3	1,235	7	26.0	1,462	8	25.9	1,689	8	26.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	27	0	22.7
Two or more races	178	2	21.9	250	2	23.2	388	2	23.2	455	2	22.9	393	2	23.4
Prefer not to respond/No response	2,942	26	23.1	2,753	19	24.1	1,762	10	24.4	1,592	8	23.8	1,579	8	24.1

¹Refer to the section header on page 5 for a description of race/ethnicity changes.

Total Students in Report: 20,796

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



Section II

Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 20,796

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	103	100	185	100	213	100	116	100	18	100	36
35	499	100	307	99	284	99	125	99	81	100	35
34	448	97	568	98	504	98	88	99	228	100	34
33	497	95	480	95	666	95	310	98	380	98	33
32	545	93	603	93	651	92	295	97	466	97	32
31	712	90	476	90	710	89	209	96	641	94	31
30	627	87	519	87	970	85	472	95	798	91	30
29	767	84	784	85	607	81	555	92	905	87	29
28	853	80	1,040	81	879	78	1,033	90	1,041	83	28
27	1,067	76	1,326	76	837	74	796	85	1,177	78	27
26	1,050	71	1,611	70	920	70	1,247	81	1,311	72	26
25	1,238	66	1,606	62	1,074	65	1,333	75	1,519	66	25
24	1,618	60	1,612	54	1,646	60	1,867	68	1,502	59	24
23	1,126	52	1,489	47	1,021	52	2,061	59	1,496	52	23
22	1,522	46	1,027	39	1,433	47	1,332	49	1,495	44	22
21	1,488	39	783	34	1,430	40	1,879	43	1,403	37	21
20	1,108	32	892	31	1,100	33	1,676	34	1,240	30	20
19	873	27	877	26	1,032	28	1,120	26	1,083	24	19
18	648	22	1,140	22	974	23	1,163	21	954	19	18
17	627	19	1,094	17	852	18	652	15	833	15	17
16	749	16	1,286	11	645	14	571	12	683	11	16
15	755	13	701	5	533	11	564	9	547	7	15
14	483	9	241	2	733	9	395	6	416	5	14
13	263	7	107	1	326	5	319	5	296	3	13
12	282	5	25	1	384	4	206	3	175	1	12
11	314	4	12	1	202	2	160	2	66	1	11
10	184	3	4	1	82	1	161	1	28	1	10
9	164	2	1	1	39	1	47	1	9	1	9
8	122	1	0	1	29	1	22	1	5	1	8
7	44	1	0	1	8	1	6	1	0	1	7
6	17	1	0	1	7	1	6	1	0	1	6
5	2	1	0	1	3	1	2	1	0	1	5
4	1	1	0	1	1	1	4	1	0	1	4
3	0	1	0	1	1	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
Avg (SD)	23.1 (6.2)		23.7 (5.5)		23.3 (6.1)		22.4 (5.0)		23.2 (5.2)		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: 20,796

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/ Sciences		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	1,261	100	624	100	898	100	815	100	1,768	100	558	100	866	100	18
17	1,757	94	41	97	1,051	96	2,025	96	1,601	91	483	97	57	96	17
16	1,340	85	2,010	97	1,990	91	1,792	86	1,480	84	1,123	95	1,226	96	16
15	1,780	79	2,213	87	1,348	81	1,971	78	1,923	77	1,190	90	2,195	90	15
14	1,327	70	1,803	76	1,465	75	1,333	68	2,330	67	2,614	84	2,595	79	14
13	1,808	64	2,116	68	1,915	68	1,859	62	2,485	56	3,349	71	2,391	67	13
12	1,595	55	2,581	58	2,665	58	1,784	53	1,386	44	2,163	55	2,371	55	12
11	2,268	48	2,498	45	1,858	46	2,103	44	2,154	38	2,707	45	2,299	44	11
10	2,249	37	1,859	33	1,989	37	1,520	34	1,428	27	2,356	32	2,295	33	10
9	1,329	26	1,784	24	1,810	27	1,470	27	1,100	20	2,025	20	1,842	22	9
8	1,053	20	1,085	16	1,278	18	1,189	20	1,462	15	1,068	11	1,076	13	8
7	1,041	15	858	10	1,210	12	941	14	1,108	8	516	6	681	8	7
6	796	10	491	6	577	6	998	10	372	3	192	3	462	4	6
5	490	6	348	4	390	4	641	5	110	1	245	2	132	2	5
4	366	3	286	2	198	2	197	2	55	1	69	1	183	1	4
3	246	2	169	1	102	1	109	1	27	1	84	1	32	1	3
2	87	1	26	1	31	1	48	1	5	1	23	1	77	1	2
1	3	1	4	1	21	1	1	1	2	1	31	1	16	1	1
Avg (SD)	11.9 (3.8)		11.7 (3.2)		11.8 (3.5)		12.0 (3.7)		12.7 (3.4)		11.9 (2.9)		11.9 (3.1)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	28	26	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	19	19	19	19	20

Total Students in Report: 20,796

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	20,796	56	23.7	22.7
	Black/African American	1,830	46	18.6	17.7
	American Indian/Alaska Native	41	54	21.0	19.1
	White	13,564	58	24.0	23.4
	Hispanic/Latino	1,673	49	21.6	20.3
	Asian	1,689	54	26.6	25.8
	Native Hawaiian/Other Pac. Isl.	27	44	22.7	22.8
	Two or more races	393	54	23.6	23.1
	Prefer not/No Response	1,579	61	24.5	23.5
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

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.

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	23.1	23.7	23.3	22.4	23.2
	Black/African American	17.3	18.8	18.1	17.8	18.1
	American Indian/Alaska Native	18.8	21.1	19.4	20.0	20.0
	White	23.7	24.1	23.8	22.9	23.8
	Hispanic/Latino	20.5	21.4	21.0	20.3	20.9
	Asian	26.0	27.9	25.5	25.0	26.2
	Native Hawaiian/Other Pac. Isl.	22.4	23.7	22.4	21.8	22.7
	Two or more races	23.2	23.6	23.8	22.4	23.4
	Prefer not/No Response	24.1	24.6	24.2	23.0	24.1
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

Total Students in Report: 20,796

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	1,547	7	1,540	7	1,667	8	639	3
	28 to 32	3,504	17	3,422	16	3,817	18	2,564	12
	24 to 27	4,973	24	6,155	30	4,477	22	5,243	25
	20 to 23	5,244	25	4,191	20	4,984	24	6,948	33
	16 to 19	2,897	14	4,397	21	3,503	17	3,506	17
	13 to 15	1,501	7	1,049	5	1,592	8	1,278	6
	01 to 12	1,130	5	42	0	756	4	618	3
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	9,032	43	22.7	24.5	23.0	23.0	23.4
	Females	11,764	57	23.4	23.2	23.4	21.9	23.1
	Missing	0	0
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

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	78	69	64	46	41
	Females	83	63	68	36	33
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 20,796

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	11,728	84	23.7	69	24.1	70	23.8	43	22.7	39	23.7
	Less than Core	8,782	77	22.4	62	23.3	62	22.6	38	22.0	34	22.7
	Missing ³	286	66	20.9	48	21.6	56	21.6	31	20.9	26	21.3
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	20,274	81	23.1	20,279	66	23.8	12,232	69	23.7	19,738	42	22.5
	Less than Core	257	66	20.7	245	20	18.5	8,295	63	22.7	792	18	19.1
	Missing ³	265	68	21.2	272	49	21.7	269	57	21.8	266	33	21.2
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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

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

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

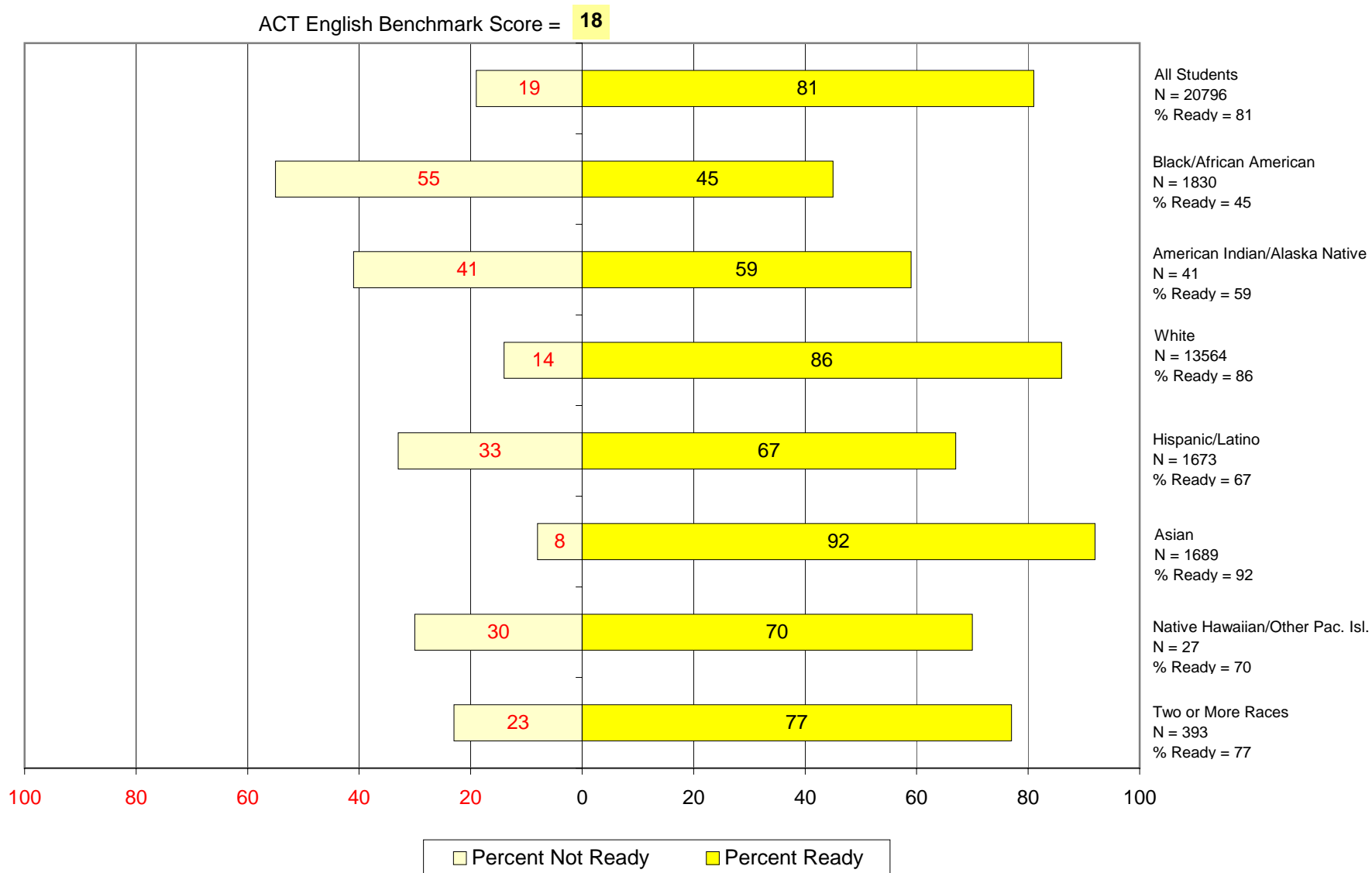
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH

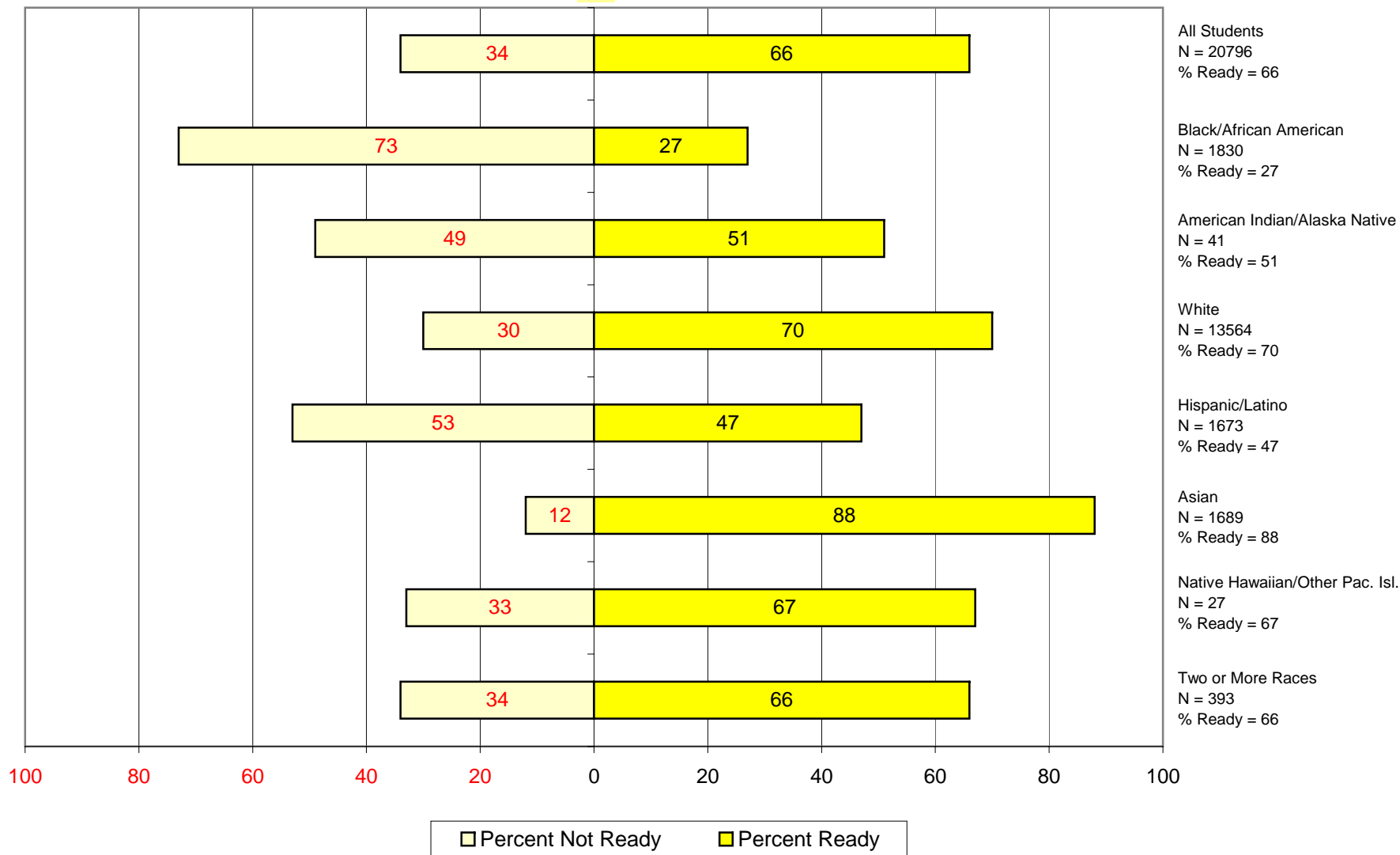


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 20,796

Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

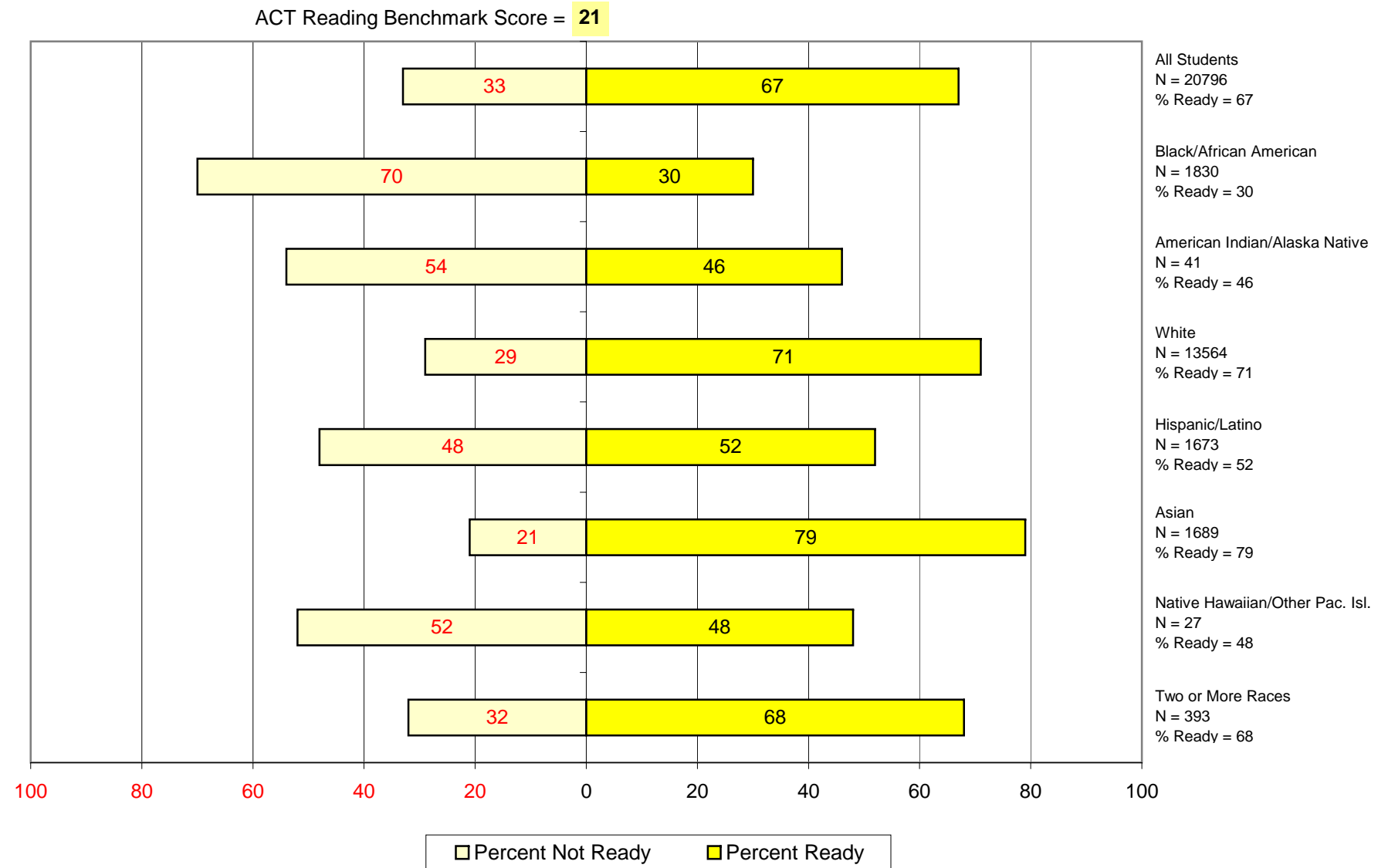
ACT Mathematics Benchmark Score = **22**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 20,796

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING

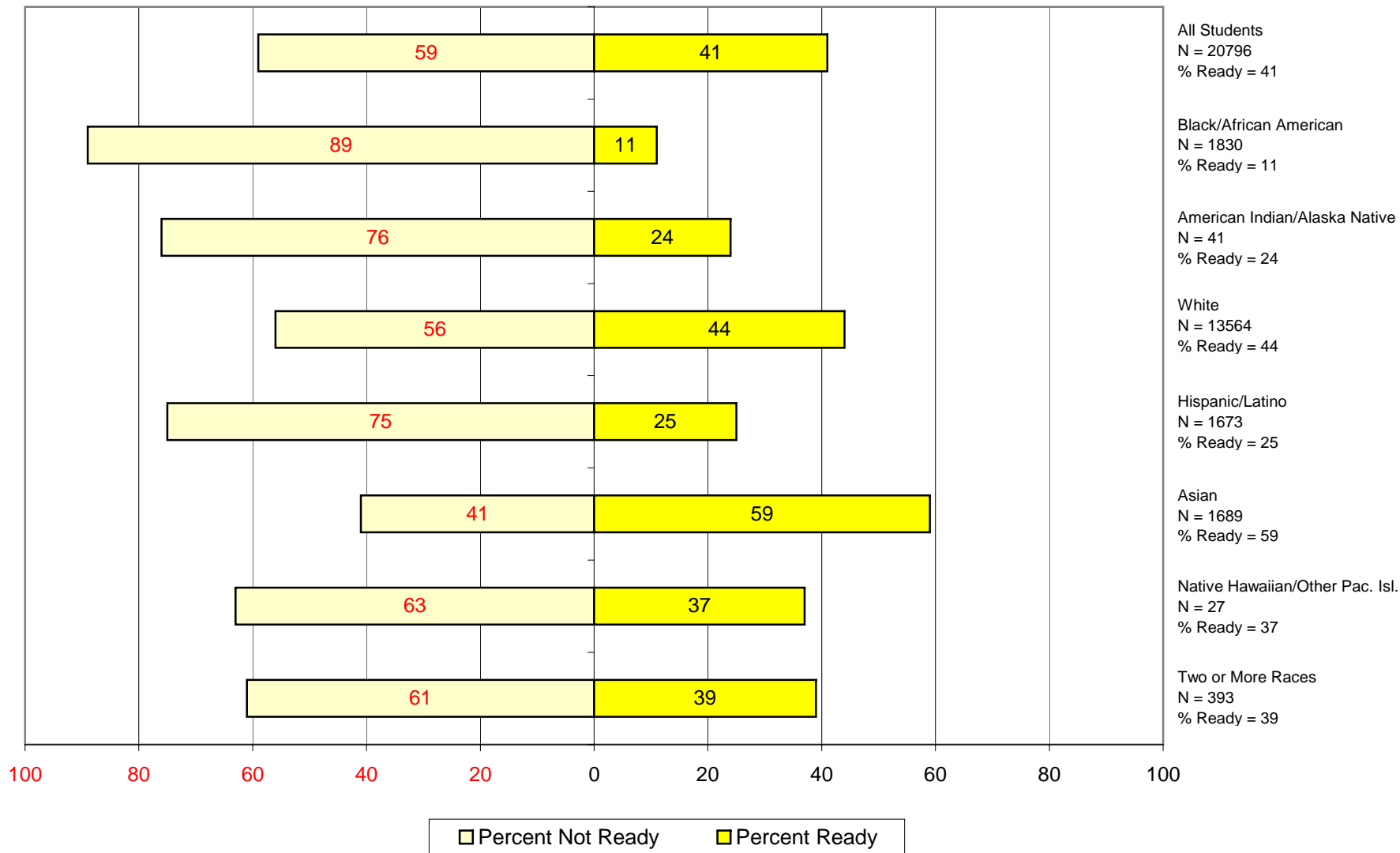


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 20,796

Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

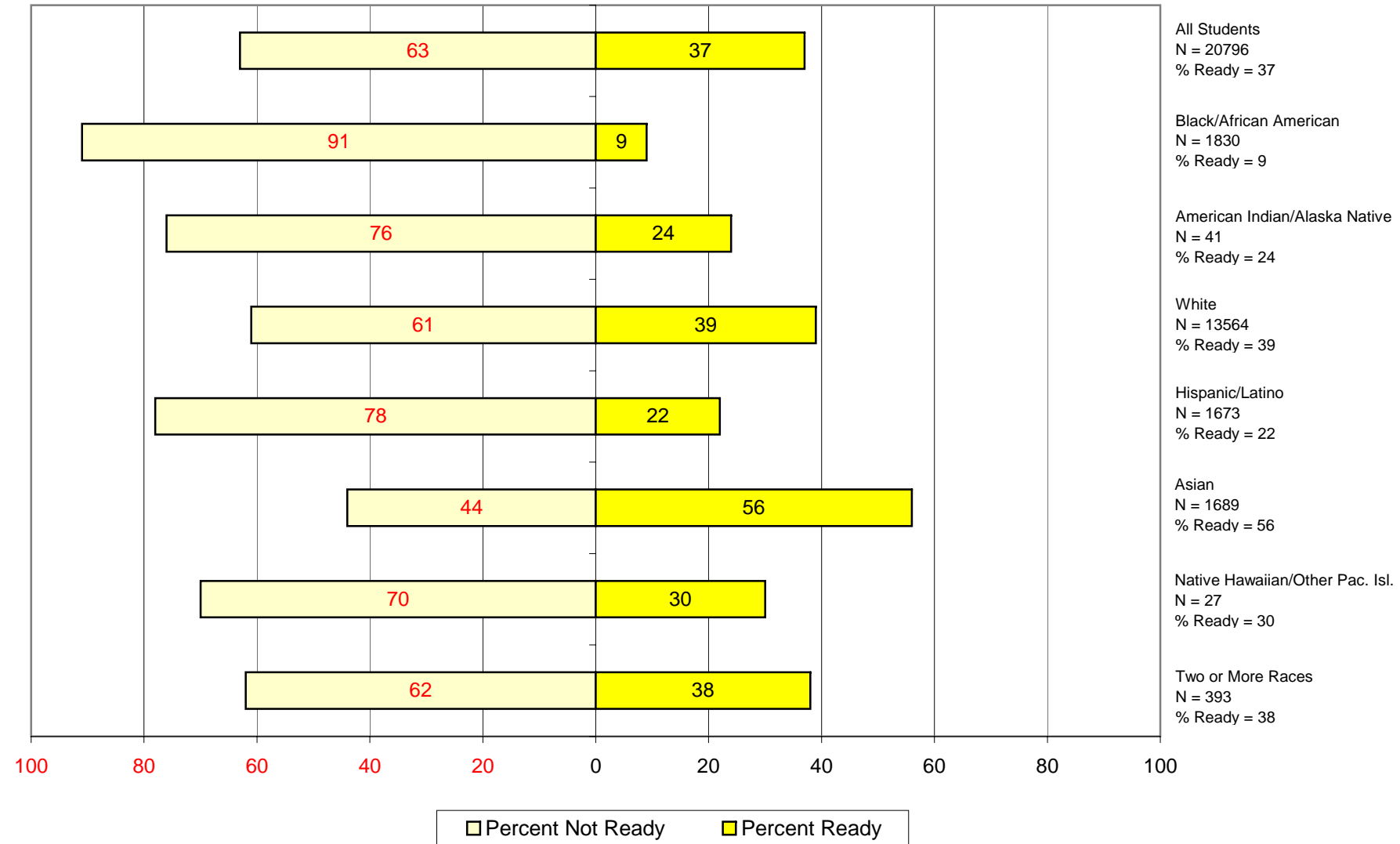
ACT Science Benchmark Score = **24**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 20,796

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 20,796

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	4,975	24	23.9	3.2	2,017	22	23.4	3.1	2,958	25	24.2	3.2
Eng 9, Eng 10, Eng 11, Eng 12	15,299	74	22.9	2.2	6,787	75	22.5	2.2	8,512	72	23.2	2.2
Less than 4 years of English	257	1	20.7	-	110	1	20.3	-	147	1	21.0	-
Zero years / no English courses reported	265	1	21.2	-	118	1	20.7	-	147	1	21.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,966	9	26.1	7.6	828	9	26.7	8.6	1,138	10	25.8	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,613	8	22.7	4.2	581	6	23.1	5.0	1,032	9	22.5	3.7
Alg 1, Alg 2, Geom, & Trig	1,245	6	20.5	2.0	471	5	21.0	2.9	774	7	20.1	1.3
Alg 1, Alg 2, Geom, & Other Adv Math	2,951	14	20.9	2.4	1,048	12	21.2	3.1	1,903	16	20.8	2.0
Other comb of 4 or more years of Math	9,728	47	26.0	7.5	4,725	52	26.6	8.5	5,003	43	25.4	6.6
Alg 1, Alg 2, & Geom	1,699	8	18.2	-0.3	683	8	18.3	0.2	1,016	9	18.2	-0.6
Other comb of 3 or 3.5 years of Math	1,077	5	22.5	4.0	464	5	22.5	4.4	613	5	22.5	3.7
Less than 3 years of Math	245	1	18.5	-	111	1	18.1	-	134	1	18.8	-
Zero years / no Math courses reported	272	1	21.7	-	121	1	21.9	-	151	1	21.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,069	5	24.3	1.6	586	6	23.6	1.2	483	4	25.0	2.2
Other comb of 4 or more years Social Science	5,123	25	23.3	0.6	2,465	27	23.2	0.8	2,658	23	23.4	0.6
US Hist, World Hist, & Am Gov	864	4	23.9	1.2	443	5	23.2	0.8	421	4	24.5	1.7
Other comb of 3 or 3.5 years of Social Science	5,176	25	23.9	1.2	2,097	23	23.6	1.2	3,079	26	24.1	1.3
Less than 3 years of Social Science	8,295	40	22.7	-	3,323	37	22.4	-	4,972	42	22.8	-
Zero years / no Social Science courses reported	269	1	21.8	-	118	1	21.5	-	151	1	22.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	11,809	57	23.0	3.9	5,419	60	23.6	5.3	6,390	54	22.5	2.8
Bio, Chem, Phys	3,308	16	24.3	5.2	1,488	16	25.1	6.8	1,820	15	23.7	4.0
Gen Sci ² , Bio, Chem	4,488	22	20.0	0.9	1,632	18	20.0	1.7	2,856	24	19.9	0.2
Other comb of 3 years of Natural Science	133	1	20.2	1.1	66	1	20.8	2.5	67	1	19.6	-0.1
Less than 3 years of Natural Science	792	4	19.1	-	309	3	18.3	-	483	4	19.7	-
Zero years / no Natural Science courses reported	266	1	21.2	-	118	1	21.3	-	148	1	21.1	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 20,796

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	4,975	24	23.9	83	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	15,299	74	22.9	80	1,143,409	70	20.6	66
Less than 4 years of English	257	1	20.7	66	66,225	4	16.6	40
Zero years / no English courses reported	265	1	21.2	68	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,966	9	26.1	85	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,613	8	22.7	66	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,245	6	20.5	43	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	2,951	14	20.9	47	271,304	17	19.9	36
Other comb of 4 or more years of Math	9,728	47	26.0	81	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	1,699	8	18.2	18	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	1,077	5	22.5	58	78,953	5	19.9	35
Less than 3 years of Math	245	1	18.5	20	79,145	5	16.4	8
Zero years / no Math courses reported	272	1	21.7	49	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,069	5	24.3	72	47,284	3	22.5	59
Other comb of 4 or more years Social Science	5,123	25	23.3	67	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	864	4	23.9	70	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	5,176	25	23.9	71	445,631	27	21.1	51
Less than 3 years of Social Science	8,295	40	22.7	63	149,746	9	19.7	40
Zero years / no Social Science courses reported	269	1	21.8	57	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	11,809	57	23.0	46	686,167	42	22.1	39
Bio, Chem, Phys	3,308	16	24.3	57	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	4,488	22	20.0	20	476,294	29	20.1	21
Other comb of 3 years of Natural Science	133	1	20.2	26	45,296	3	19.6	20
Less than 3 years of Natural Science	792	4	19.1	18	205,148	13	18.3	12
Zero years / no Natural Science courses reported	266	1	21.2	33	50,187	3	17.8	13

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Total Students in Report: 20,796

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	105	1	21.9	1	1	22.0	95	1	21.8
Architecture	245	1	23.2	0	0	.	207	1	23.0
Area, Ethnic, & Multidisciplinary Studies	78	0	26.2	0	0	.	69	0	25.8
Arts: Visual & Performing	1,073	5	22.3	6	6	16.2	937	5	22.2
Business	2,945	14	22.9	23	22	19.0	2,546	14	22.9
Communications	874	4	22.6	3	3	17.0	758	4	22.6
Community, Family, & Personal Services	305	1	20.1	7	7	19.7	278	2	20.1
Computer Science & Mathematics	445	2	24.6	1	1	16.0	384	2	24.6
Education	1,596	8	20.8	6	6	15.3	1,445	8	20.7
Engineering	1,093	5	25.6	3	3	15.3	941	5	25.5
Engineering Technology & Drafting	443	2	24.5	3	3	17.0	375	2	24.6
English & Foreign Languages	260	1	25.5	0	0	.	222	1	25.4
Health Administration & Assisting	184	1	19.6	5	5	16.4	158	1	20.1
Health Sciences & Technologies	2,839	14	22.8	11	10	15.7	2,569	14	22.8
Philosophy, Religion, & Theology	56	0	23.9	1	1	17.0	50	0	23.8
Repair, Production, & Construction	36	0	18.6	7	7	16.3	23	0	19.3
Sciences: Biological & Physical	1,939	9	25.0	3	3	21.0	1,750	10	24.9
Social Sciences & Law	1,832	9	23.0	7	7	16.6	1,640	9	23.0
Undecided	4,130	20	23.9	19	18	17.8	3,131	18	23.7
No Response	318	2	21.6	0	0	.	182	1	22.1

¹Refer to the section header on page 25 for a description of educational major changes.

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

³Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 20,796

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	42	18.2	5	14.4	1	11.0	26	19.0	4	22.0
2-yr College Degree	64	17.0	8	14.0	0	.	35	18.1	15	14.9
Bachelors Degree	6,682	21.1	614	16.3	11	20.0	4,788	21.8	558	19.1
Graduate Study	5,621	24.1	342	19.2	10	20.6	4,051	24.4	357	22.5
Prof. Level Degree	5,457	24.9	605	20.1	14	22.0	2,926	25.8	526	22.2
Other	265	21.5	30	15.8	0	.	150	22.3	25	18.3
No Response	2,665	23.9	226	16.4	5	14.6	1,588	24.6	188	20.4

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	42	18.2	4	19.5	0	.	0	.	2	12.0
2-yr College Degree	64	17.0	4	22.8	0	.	0	.	2	13.5
Bachelors Degree	6,682	21.1	273	23.2	8	21.8	113	21.3	317	21.5
Graduate Study	5,621	24.1	363	26.2	6	21.0	102	23.1	390	24.3
Prof. Level Degree	5,457	24.9	733	27.0	11	24.9	141	25.0	501	25.5
Other	265	21.5	30	25.0	0	.	3	27.0	27	21.9
No Response	2,665	23.9	282	27.4	2	20.0	34	24.1	340	24.6

¹Refer to the section header on page 25 for a description of race/ethnicity changes.

Total Students in Report: 20,796

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
RUTGERS THE ST UNIV OF NEW JERSEY	New Jersey	1,642	561	1,081	2	9	20	29	25	13	1
MONTCLAIR STATE UNIVERSITY	New Jersey	687	149	538	2	16	34	32	13	2	0
ROWAN UNIVERSITY	New Jersey	614	143	471	1	9	28	37	20	5	0
COLLEGE OF NEW JERSEY THE	New Jersey	556	147	409	1	4	10	33	34	17	1
UNIVERSITY OF DELAWARE	Delaware	487	135	352	0	2	10	33	38	17	1
MONMOUTH UNIVERSITY	New Jersey	422	118	304	2	12	27	38	18	4	0
WILLIAM PATERSON UNIVERSITY	New Jersey	412	146	266	3	16	46	26	8	0	0
KEAN UNIVERSITY	New Jersey	402	125	277	3	21	45	23	7	1	0
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	400	107	293	1	8	28	39	22	3	0
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	392	123	269	1	7	33	38	17	5	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	385	86	299	0	3	10	32	34	19	2
NCAA ELIGIBILITY CENTER	Indiana	355	231	124	3	9	27	28	24	8	1
RIDER UNIVERSITY	New Jersey	315	88	227	0	11	34	35	15	4	0
BOSTON UNIVERSITY	Massachusetts	314	100	214	0	1	4	18	43	32	3
DREXEL UNIVERSITY	Pennsylvania	294	77	217	0	2	13	32	38	13	1
SETON HALL UNIVERSITY	New Jersey	273	65	208	3	12	26	37	17	6	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	262	71	191	0	2	7	23	35	28	3
NEW YORK UNIVERSITY	New York	261	86	175	0	3	8	20	35	31	2
VILLANOVA UNIVERSITY	Pennsylvania	233	65	168	0	3	5	19	34	36	3
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	223	77	146	0	1	7	15	29	41	7
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	220	43	177	4	20	33	30	11	3	0
NORTHEASTERN UNIVERSITY	Massachusetts	218	61	157	0	0	2	21	46	29	1
TEMPLE UNIVERSITY	Pennsylvania	213	57	156	1	12	25	32	24	5	0
LEHIGH UNIVERSITY	Pennsylvania	173	35	138	0	1	7	9	29	45	9
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	171	48	123	0	9	22	30	25	13	1
PRINCETON UNIVERSITY	New Jersey	169	55	114	1	1	5	18	21	41	12
JAMES MADISON UNIVERSITY	Virginia	167	46	121	0	2	13	30	47	9	0
QUINNIPIAC UNIVERSITY	Connecticut	166	26	140	0	4	14	39	36	8	0
TOWSON UNIVERSITY	Maryland	166	37	129	0	6	27	44	20	4	0
BOSTON COLLEGE	Massachusetts	164	47	117	0	0	4	18	34	39	5
All Other Institutions		11,803	3,269	8,534	1	7	19	27	25	18	2
Total		22,559	6,424	16,135	1	8	20	28	25	16	2

Section V

Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 20,796

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	17,315	905,035	23.8	21.5	7.9	7.1	23.2	20.8
Black/African American	1,337	112,251	18.1	16.7	7.2	6.3	18.4	16.5
American Indian/Alaska Native	32	5,519	19.0	18.4	7.1	6.5	19.0	18.0
White	11,304	522,234	24.3	23.2	8.0	7.3	23.6	22.2
Hispanic/Latino	1,380	128,599	21.1	18.4	7.6	6.8	20.9	18.2
Asian	1,555	51,829	26.4	23.8	8.2	7.6	25.4	22.9
Native Hawaiian/Other Pac. Isl.	23	1,332	23.3	19.7	7.9	7.2	22.9	19.5
Two or more races	329	27,722	23.9	21.6	7.9	7.0	23.3	20.8
Prefer not/No Response	1,355	55,549	24.8	21.3	8.0	7.0	24.0	20.5
Males	7,280	399,206	23.5	21.3	7.7	6.8	22.8	20.3
Females	10,035	503,699	24.0	21.8	8.0	7.3	23.5	21.1
Missing	0	2,130	.	17.6	.	6.2	.	17.1

¹Refer to the section header on page 29 for a description of race/ethnicity changes.

