

ACT Profile Report - State

Graduating Class 2010
New Jersey



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This report provides information about the performance of your 2010 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 2010 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

36% 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: 19,177 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, 15% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 69% 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, 41% 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 28% 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.

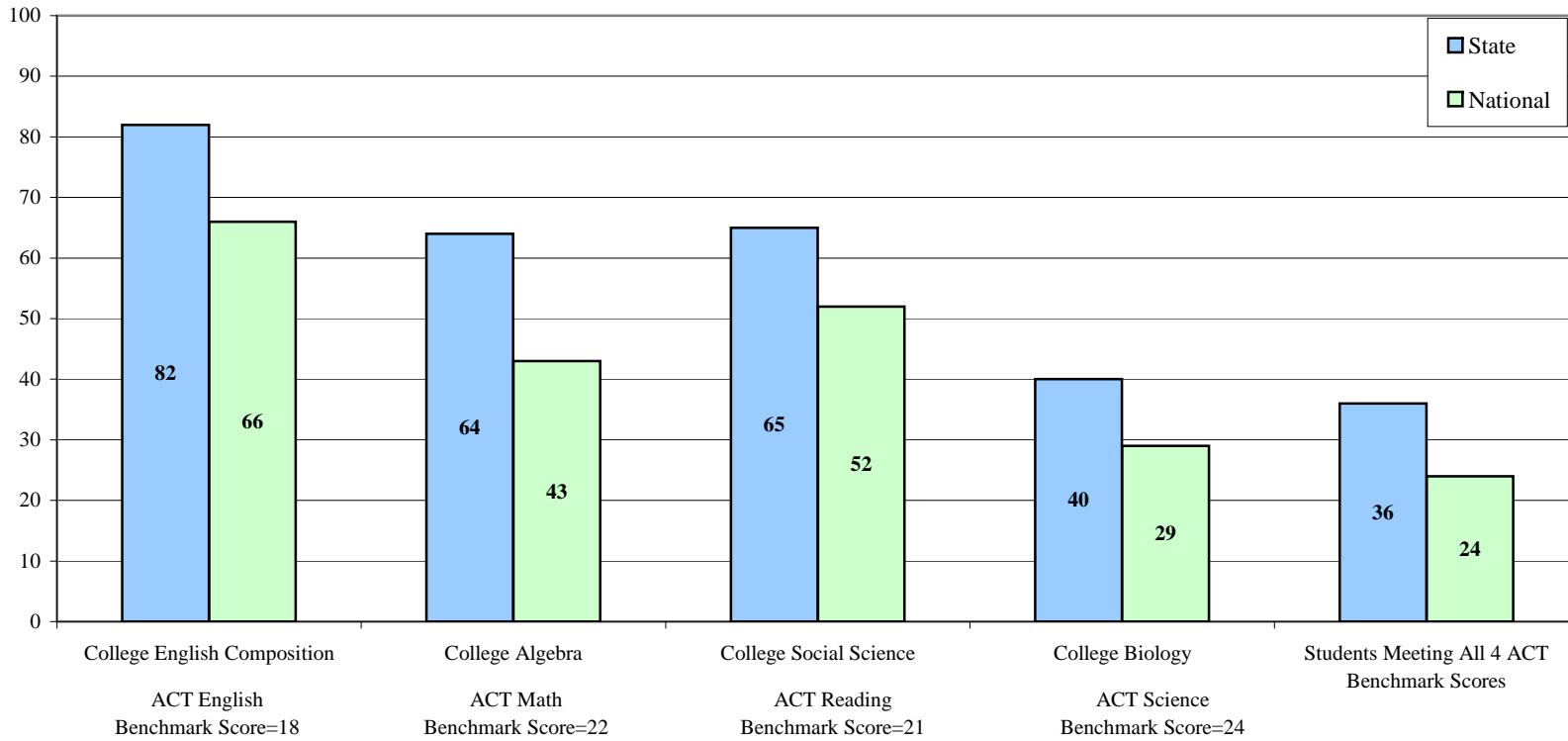
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 508-229-0111.

Section I

Executive Summary

Total Students in Report: 19,177

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: 19,177

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
2006	7,823	1,206,455	75	69	52	42	58	53	27	27	24	21
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

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
2006	7,823	1,206,455	21.5	20.6	22.2	20.8	22.0	21.4	21.0	20.9	21.8	21.1
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 19,177

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
2006	2,117	3,915	27	50	22.2	21.0	22.7	21.7	22.9	21.5	21.5	20.7	22.5	21.3
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

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.

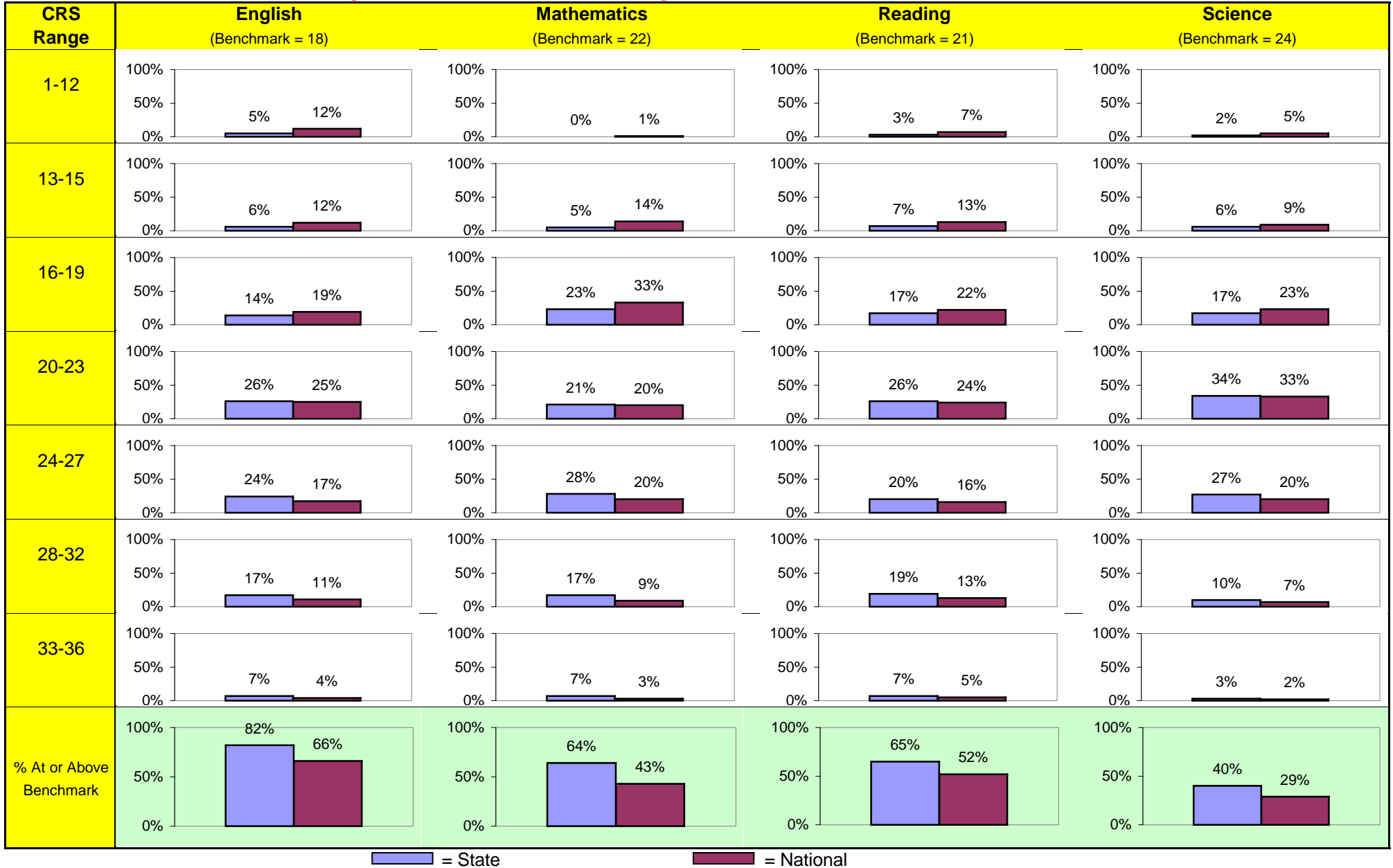
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	7,823	100	21.8	11,132	100	22.2	14,714	100	22.7	17,679	100	23.1	19,177	100	23.2
African American/Black	832	11	17.6	1,112	10	17.5	1,261	9	17.8	1,534	9	18.0	1,621	8	18.2
American Indian/Alaska Native	10	0	20.2	11	0	20.6	23	0	20.0	33	0	20.5	36	0	21.5
Caucasian American/White	4,274	55	22.3	5,796	52	22.7	8,778	60	23.0	11,647	66	23.4	12,733	66	23.7
Hispanic	403	5	19.7	606	5	20.1	837	6	20.5	1,080	6	20.9	1,278	7	20.9
Asian American/Pacific Islander	364	5	24.2	487	4	25.0	812	6	25.3	1,235	7	26.0	1,462	8	25.9
Other/No Response	1,940	25	22.4	3,120	28	23.0	3,003	20	24.0	2,150	12	24.2	2,047	11	23.6

Total Students in Report: 19,177

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



Section II

Academic Achievement

Total Students in Report: 19,177

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	90	100	112	100	158	100	83	100	7	100	36
35	388	100	399	99	238	99	161	100	88	100	35
34	478	98	392	97	462	98	126	99	190	100	34
33	414	95	455	95	477	96	211	98	334	99	33
32	377	93	476	93	645	93	139	97	400	97	32
31	542	91	469	90	628	90	326	96	549	95	31
30	648	88	658	88	792	86	400	95	696	92	30
29	692	85	628	85	845	82	456	92	814	88	29
28	974	81	963	81	774	78	651	90	940	84	28
27	890	76	1,185	76	842	74	963	87	1,090	79	27
26	1,169	71	1,314	70	844	69	887	82	1,280	73	26
25	1,205	65	1,327	63	1,136	65	1,702	77	1,342	67	25
24	1,267	59	1,523	56	1,000	59	1,584	68	1,424	60	24
23	1,190	52	1,330	48	1,268	54	1,724	60	1,490	52	23
22	1,211	46	1,016	41	1,313	47	1,528	51	1,346	44	22
21	1,553	40	713	36	1,100	40	1,643	43	1,286	37	21
20	1,116	32	893	32	1,375	35	1,698	34	1,181	31	20
19	911	26	931	28	894	28	991	26	1,077	25	19
18	598	21	1,014	23	774	23	1,119	20	922	19	18
17	558	18	1,221	18	923	19	696	15	768	14	17
16	691	15	1,166	11	648	14	501	11	594	10	16
15	534	12	623	5	530	11	494	8	497	7	15
14	437	9	233	2	597	8	303	6	357	4	14
13	224	6	80	1	307	5	337	4	255	3	13
12	262	5	37	1	264	3	149	2	134	1	12
11	268	4	9	1	189	2	118	2	75	1	11
10	176	3	7	1	68	1	90	1	25	1	10
9	152	2	1	1	39	1	57	1	12	1	9
8	101	1	1	1	28	1	21	1	4	1	8
7	38	1	0	1	8	1	6	1	0	1	7
6	16	1	1	1	6	1	10	1	0	1	6
5	5	1	0	1	4	1	2	1	0	1	5
4	2	1	0	1	1	1	1	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.1 (6.1)		23.6 (5.5)		23.2 (6.0)		22.4 (4.9)		23.2 (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: 19,177

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	1,368	100	336	100	691	100	709	100	1,777	100	437	100	367	100	18
17	1,206	93	243	98	1,033	96	2,367	96	1,727	91	507	98	376	98	17
16	1,398	87	1,569	97	1,723	91	1,145	84	1,712	82	1,094	95	1,154	96	16
15	1,704	79	1,967	89	1,486	82	1,947	78	1,785	73	1,093	89	1,868	90	15
14	1,388	70	1,779	79	1,592	74	1,022	68	1,701	63	2,634	84	2,121	80	14
13	1,618	63	2,175	69	1,379	66	1,824	63	1,553	55	2,388	70	2,331	69	13
12	1,570	55	2,371	58	2,082	59	1,648	53	1,822	47	2,200	57	2,308	57	12
11	1,707	47	2,530	46	1,815	48	2,191	44	1,677	37	2,520	46	1,804	45	11
10	2,237	38	1,592	32	1,902	38	1,471	33	1,342	28	2,101	33	2,450	36	10
9	1,415	26	1,693	24	2,059	29	1,169	25	1,283	21	1,969	22	1,633	23	9
8	945	19	1,045	15	1,241	18	1,127	19	1,284	15	1,101	12	1,266	14	8
7	884	14	758	10	1,086	11	785	13	966	8	530	6	557	8	7
6	674	9	338	6	505	6	788	9	357	3	193	3	438	5	6
5	455	6	360	4	319	3	639	5	108	1	237	2	186	3	5
4	330	3	246	2	129	1	204	2	53	1	64	1	107	2	4
3	199	1	151	1	89	1	105	1	21	1	89	1	105	1	3
2	71	1	22	1	31	1	35	1	7	1	0	1	87	1	2
1	8	1	2	1	15	1	1	1	2	1	20	1	19	1	1
Avg (SD)	11.9 (3.8)		11.7 (3.1)		11.8 (3.4)		12.1 (3.7)		12.8 (3.5)		11.8 (2.9)		11.7 (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)	27	27	28	25	27
Q2 (50th Percentile)	23	24	23	22	23
Q1 (25th Percentile)	19	19	19	19	20

Total Students in Report: 19,177

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	19,177	56	23.7	22.7
	African American/Black	1,621	42	18.9	17.8
	American Indian/Alaska Native	36	56	22.5	20.0
	Caucasian American/White	12,733	58	23.9	23.4
	Hispanic	1,278	49	21.6	20.3
	Asian American/Pacific Islander	1,462	55	26.3	25.4
	Other/No Response	2,047	57	24.1	23.0
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

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.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	23.1	23.6	23.2	22.4	23.2
	African American/Black	17.3	18.8	18.1	18.1	18.2
	American Indian/Alaska Native	20.8	21.7	22.0	20.9	21.5
	Caucasian American/White	23.7	23.9	23.8	22.8	23.7
	Hispanic	20.4	21.3	21.0	20.3	20.9
	Asian American/Pacific Islander	25.6	27.6	25.1	24.7	25.9
	Other/No Response	23.6	24.1	23.5	22.7	23.6
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 19,177

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	1,370	7	1,358	7	1,335	7	581	3
	28 to 32	3,233	17	3,194	17	3,684	19	1,972	10
	24 to 27	4,531	24	5,349	28	3,822	20	5,136	27
	20 to 23	5,070	26	3,952	21	5,056	26	6,593	34
	16 to 19	2,758	14	4,332	23	3,239	17	3,307	17
	13 to 15	1,195	6	936	5	1,434	7	1,134	6
	01 to 12	1,020	5	56	0	607	3	454	2
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	8,242	43	22.7	24.4	23.1	23.1	23.4
	Females	10,931	57	23.3	23.0	23.3	21.8	23.0
	Missing	4	0	15.8	18.8	15.5	17.8	17.0
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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	80	69	64	46	40
	Females	83	60	66	35	32
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 19,177

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	10,658	85	23.6	67	24.0	69	23.7	43	22.7	38	23.7
	Less than Core	8,379	78	22.4	60	23.1	61	22.6	37	22.0	33	22.7
	Missing ³	140	54	18.2	29	19.4	41	18.7	15	18.4	11	18.7
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

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	18,840	82	23.1	18,778	65	23.7	11,186	68	23.6	18,223	41	22.5
	Less than Core	229	62	19.7	277	15	17.8	7,875	62	22.7	842	18	19.0
	Missing ³	108	58	18.7	122	31	19.5	116	45	19.3	112	17	19.1
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

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.

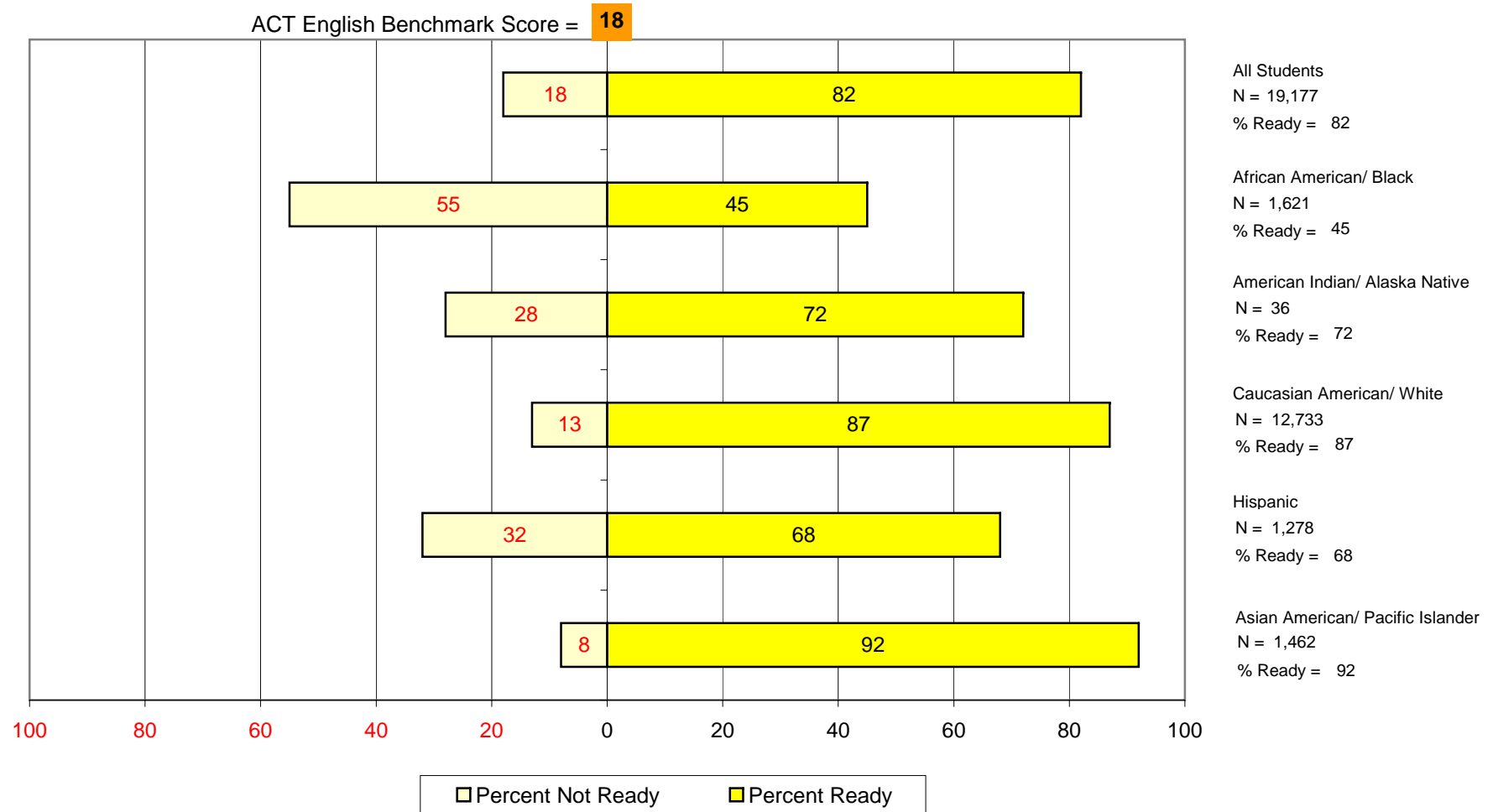
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

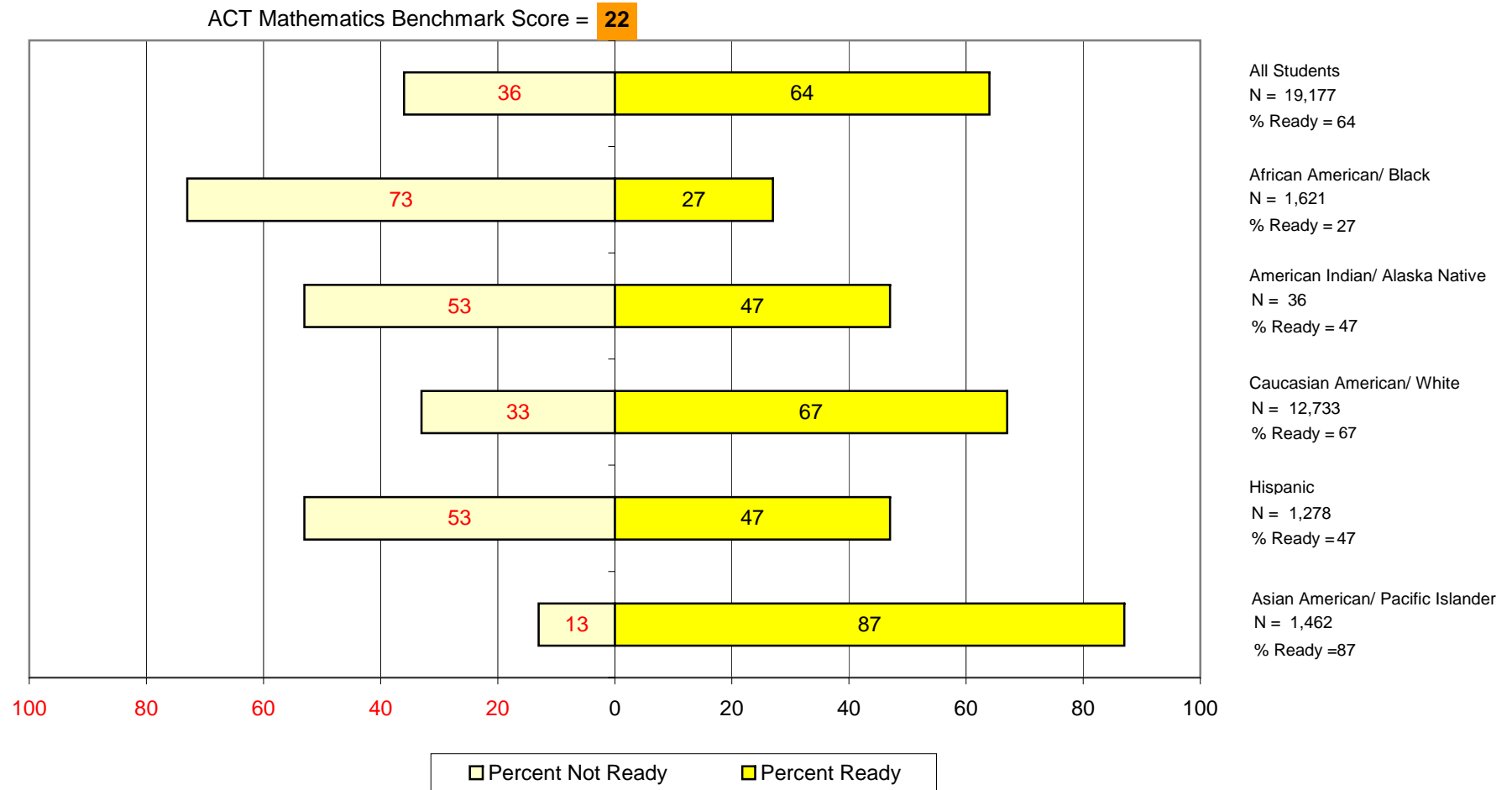
Total Students in Report: 19,177

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



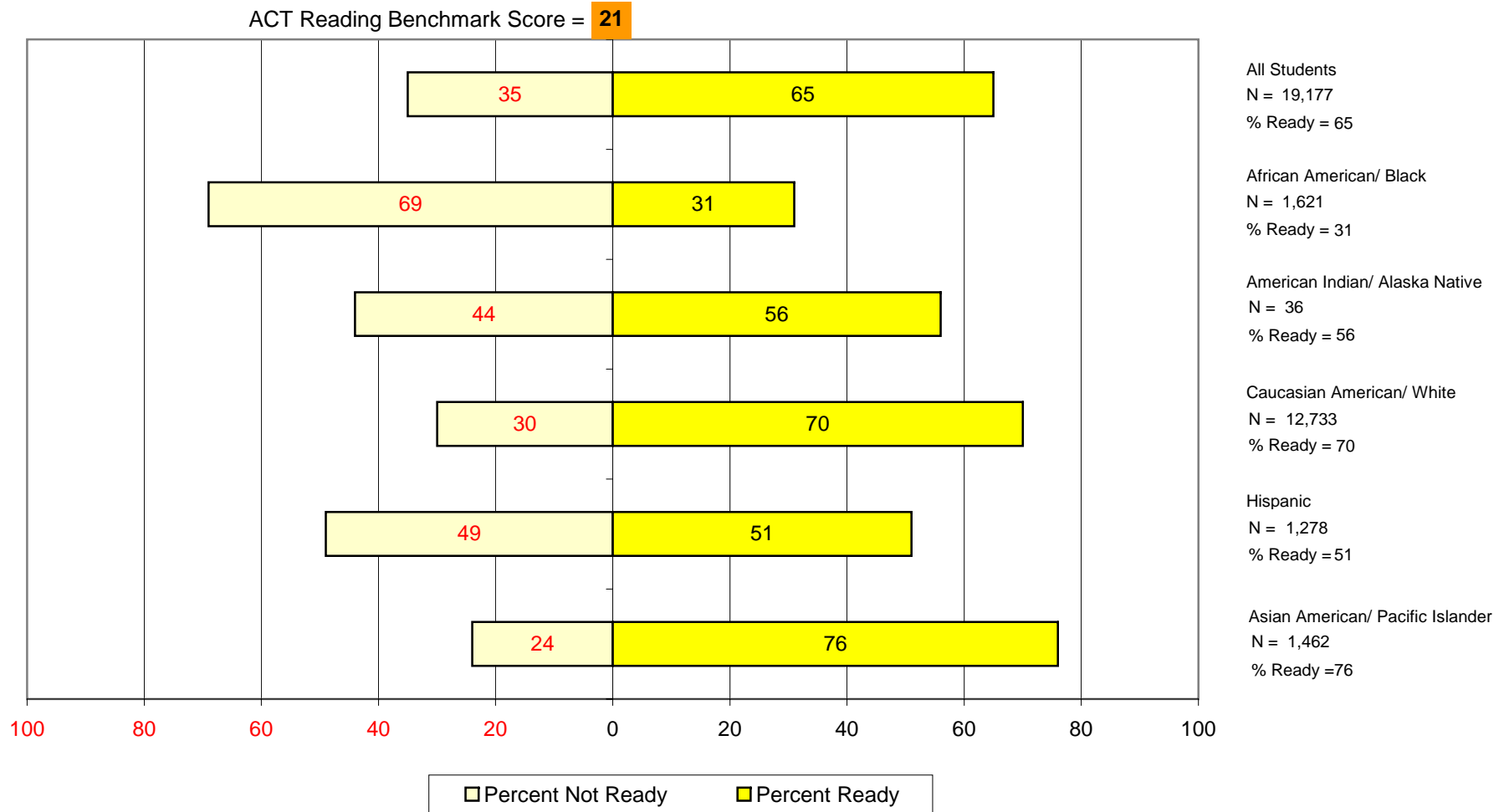
Total Students in Report: 19,177

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



Total Students in Report: 19,177

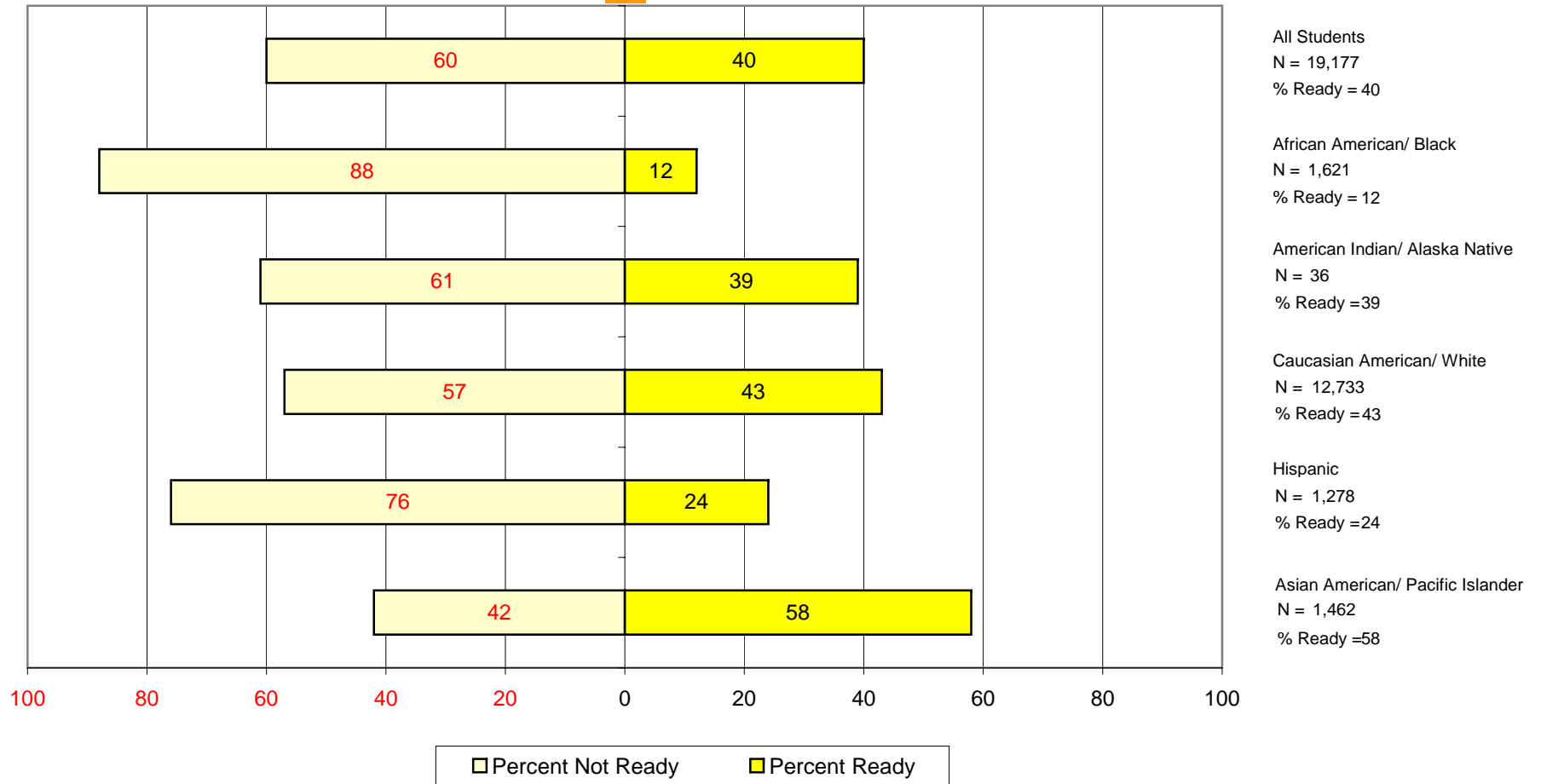
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 19,177

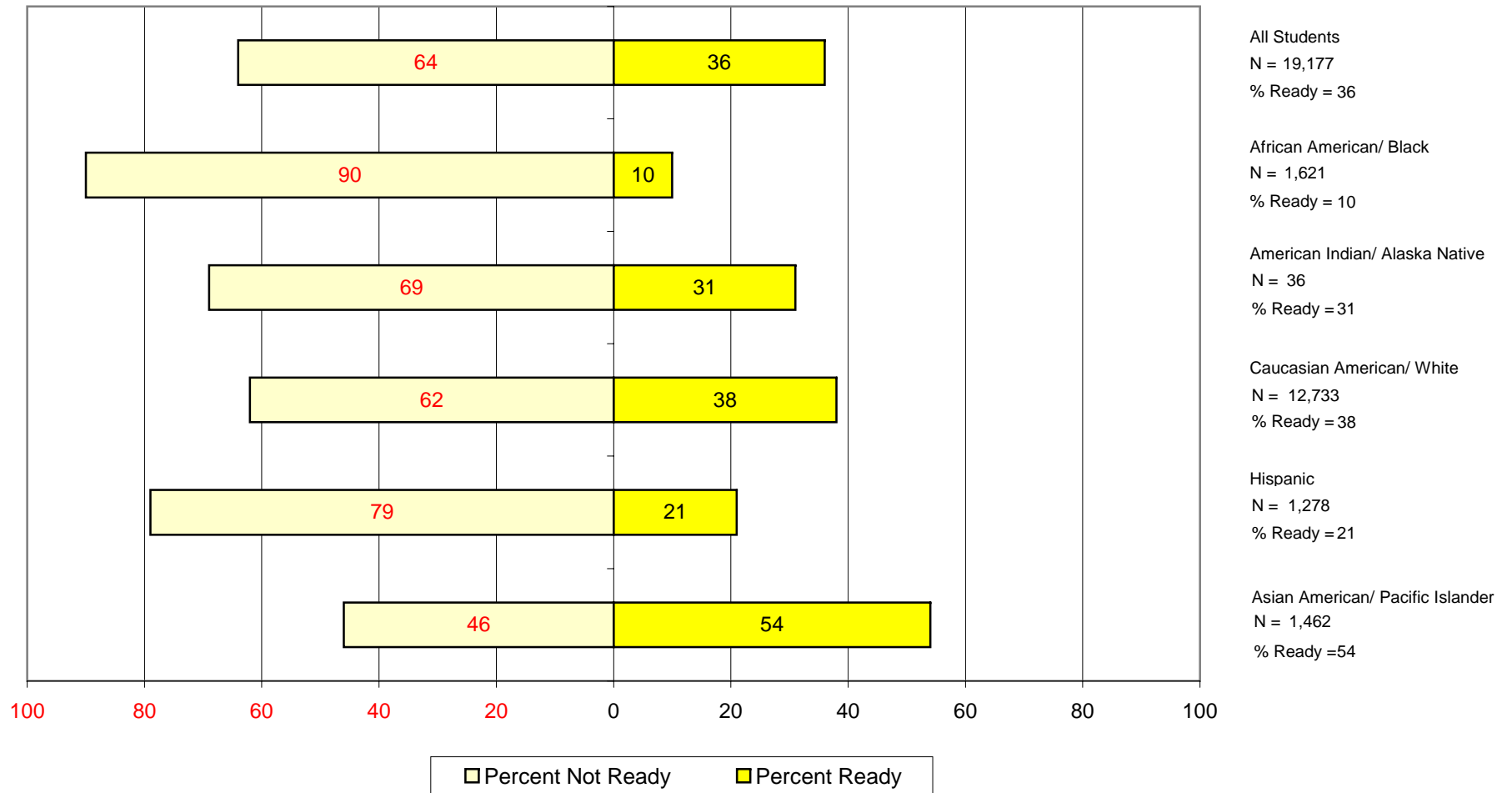
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 19,177

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



Total Students in Report: 19,177

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	4,794	25	23.9	4.2	1,869	23	23.5	3.6	2,925	27	24.1	4.5
Eng 9, Eng 10, Eng 11, Eng 12	14,046	73	22.9	3.2	6,218	75	22.5	2.6	7,826	72	23.2	3.6
Less than 4 years of English	229	1	19.7	-	100	1	19.9	-	129	1	19.6	-
Zero years / no English courses reported	108	1	18.7	-	55	1	19.3	-	51	0	18.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,817	9	26.1	8.3	738	9	26.9	8.8	1,079	10	25.6	8.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,581	8	22.7	4.9	545	7	23.0	4.9	1,036	9	22.5	5.0
Alg 1, Alg 2, Geom, & Trig	1,170	6	20.4	2.6	440	5	21.1	3.0	730	7	20.0	2.5
Alg 1, Alg 2, Geom, & Other Adv Math	2,762	14	20.7	2.9	966	12	21.0	2.9	1,796	16	20.5	3.0
Other comb of 4 or more years of Math	8,810	46	25.9	8.1	4,309	52	26.5	8.4	4,499	41	25.4	7.9
Alg 1, Alg 2, & Geom	1,630	8	18.2	0.4	623	8	18.6	0.5	1,006	9	18.0	0.5
Other comb of 3 or 3.5 years of Math	1,008	5	22.3	4.5	439	5	22.5	4.4	569	5	22.2	4.7
Less than 3 years of Math	277	1	17.8	-	123	1	18.1	-	154	1	17.5	-
Zero years / no Math courses reported	122	1	19.5	-	59	1	20.3	-	62	1	18.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,012	5	24.2	1.5	507	6	23.6	1.0	505	5	24.7	1.9
Other comb of 4 or more years Social Science	4,495	23	23.4	0.7	2,136	26	23.3	0.7	2,358	22	23.5	0.7
US Hist, World Hist, & Am Gov	849	4	24.0	1.3	428	5	23.6	1.0	421	4	24.4	1.6
Other comb of 3 or 3.5 years of Social Science	4,830	25	23.6	0.9	1,911	23	23.5	0.9	2,918	27	23.7	0.9
Less than 3 years of Social Science	7,875	41	22.7	-	3,203	39	22.6	-	4,671	43	22.8	-
Zero years / no Social Science courses reported	116	1	19.3	-	57	1	19.9	-	58	1	18.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,631	55	23.1	4.1	4,920	60	23.7	5.0	5,710	52	22.5	3.3
Bio, Chem, Phys	3,197	17	24.2	5.2	1,401	17	25.0	6.3	1,796	16	23.5	4.3
Gen Sci ² , Bio, Chem	4,261	22	20.0	1.0	1,462	18	20.1	1.4	2,798	26	19.9	0.7
Other comb of 3 years of Natural Science	134	1	20.6	1.6	78	1	21.2	2.5	56	1	19.9	0.7
Less than 3 years of Natural Science	842	4	19.0	-	326	4	18.7	-	515	5	19.2	-
Zero years / no Natural Science courses reported	112	1	19.1	-	55	1	19.6	-	56	1	18.6	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 19,177

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	4,794	25	23.9	85	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	14,046	73	22.9	81	1,096,437	70	20.5	66
Less than 4 years of English	229	1	19.7	62	74,180	5	16.4	39
Zero years / no English courses reported	108	1	18.7	58	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,817	9	26.1	85	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,581	8	22.7	63	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,170	6	20.4	40	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	2,762	14	20.7	44	239,289	15	20.0	36
Other comb of 4 or more years of Math	8,810	46	25.9	80	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	1,630	8	18.2	19	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	1,008	5	22.3	55	74,720	5	19.9	35
Less than 3 years of Math	277	1	17.8	15	97,949	6	16.4	7
Zero years / no Math courses reported	122	1	19.5	31	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,012	5	24.2	71	47,523	3	22.6	60
Other comb of 4 or more years Social Science	4,495	23	23.4	66	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	849	4	24.0	70	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	4,830	25	23.6	68	439,520	28	21.2	51
Less than 3 years of Social Science	7,875	41	22.7	62	156,679	10	19.5	39
Zero years / no Social Science courses reported	116	1	19.3	45	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,631	55	23.1	46	620,765	40	22.2	40
Bio, Chem, Phys	3,197	17	24.2	56	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	4,261	22	20.0	20	474,375	30	20.1	21
Other comb of 3 years of Natural Science	134	1	20.6	26	43,231	3	19.7	21
Less than 3 years of Natural Science	842	4	19.0	18	231,566	15	18.3	12
Zero years / no Natural Science courses reported	112	1	19.1	17	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 19,177

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	58	0	21.9	1	1	19.0	52	0	21.5
Architecture & Environmental Design	307	2	23.3	2	2	16.0	269	2	23.4
Business & Management	2,577	13	23.1	9	11	17.3	2,258	14	23.1
Business & Office	105	1	20.8	2	2	13.5	84	1	21.2
Marketing & Distribution	264	1	21.6	1	1	12.0	244	1	21.5
Communications & Comm. Technologies	869	5	22.5	3	4	14.0	777	5	22.5
Community & Personal Services	242	1	19.0	1	1	16.0	220	1	19.2
Computer & Information Sciences	258	1	23.5	3	4	18.0	229	1	23.5
Cross-Disciplinary Studies	71	0	25.3	0	0	.	63	0	25.4
Education	1,126	6	20.9	1	1	11.0	1,015	6	20.9
Teacher Education	623	3	20.2	4	5	16.3	563	3	20.3
Engineering	837	4	26.0	2	2	19.0	751	5	26.0
Engineering-Related Technologies	474	2	24.2	0	0	.	417	3	24.1
Foreign Languages	129	1	25.1	0	0	.	112	1	24.8
Health Sciences & Allied Health Fields	2,532	13	22.6	20	24	16.2	2,263	14	22.7
Human, Family & Consumer Science	88	0	20.4	3	4	19.0	76	0	20.5
Letters	112	1	25.2	1	1	17.0	94	1	25.6
Mathematics	196	1	25.5	1	1	15.0	169	1	25.5
Philosophy, Religion & Theology	51	0	22.9	1	1	16.0	44	0	23.5
Sciences (Biological & Physical)	1,829	10	25.0	1	1	19.0	1,654	10	25.0
Social Sciences	1,516	8	23.9	4	5	19.5	1,368	8	23.8
Trade & Industrial	27	0	19.3	6	7	14.7	18	0	21.2
Visual & Performing Arts	976	5	22.1	6	7	15.5	857	5	21.9
Undecided	3,704	19	23.8	12	14	17.8	2,859	17	23.7
No Response	206	1	19.3	1	1	15.0	54	0	20.6

¹2-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.

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

Total Students in Report: 19,177

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	15	15.3	6	12.3	0	.	5	18.0	2	15.0	0	.	2	18.0
2-yr College Degree	70	16.8	20	14.7	0	.	36	18.1	8	16.6	3	18.0	3	15.3
Bachelors Degree	5,746	21.2	440	16.6	15	18.7	4,256	21.7	333	19.4	244	22.6	458	20.9
Graduate Study	5,259	23.8	330	19.2	7	22.1	3,846	24.2	303	22.0	311	26.0	462	23.7
Prof. Level Degree	5,505	24.8	576	19.7	10	24.2	3,037	25.6	475	22.0	676	26.9	731	25.2
Other	301	20.8	30	15.1	0	.	176	21.6	20	19.5	22	23.1	53	20.8
No Response	2,281	23.5	219	16.8	4	23.8	1,377	24.4	137	18.9	206	26.6	338	24.3

Total Students in Report: 19,177

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	1,542	499	1,043	2	8	20	31	26	13	1
MONTCLAIR STATE UNIVERSITY	New Jersey	634	149	485	2	13	33	35	14	3	0
COLLEGE OF NEW JERSEY THE	New Jersey	623	160	463	1	2	10	34	33	19	1
ROWAN UNIVERSITY	New Jersey	539	127	412	2	11	28	35	19	5	0
UNIVERSITY OF DELAWARE	Delaware	423	110	313	0	2	9	38	36	15	1
WILLIAM PATERSON UNIVERSITY	New Jersey	378	101	277	4	17	38	27	11	2	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	374	97	277	0	3	11	35	34	16	1
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	366	99	267	1	6	28	40	20	4	0
MONMOUTH UNIVERSITY	New Jersey	352	95	257	1	11	28	41	15	3	1
NEW YORK UNIVERSITY	New York	344	154	190	0	1	8	23	38	26	2
NCAA ELIGIBILITY CENTER	Indiana	339	214	125	4	10	27	27	22	10	1
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	325	94	231	2	7	35	35	15	4	0
KEAN UNIVERSITY	New Jersey	312	84	228	6	20	45	23	5	1	0
DREXEL UNIVERSITY	Pennsylvania	282	67	215	1	2	12	34	33	15	2
SETON HALL UNIVERSITY	New Jersey	279	65	214	1	10	30	39	15	4	1
BOSTON UNIVERSITY	Massachusetts	266	100	166	0	0	5	21	44	29	1
RIDER UNIVERSITY	New Jersey	257	52	205	2	11	32	34	19	2	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	248	58	190	0	2	8	22	40	25	2
VILLANOVA UNIVERSITY	Pennsylvania	218	49	169	0	1	6	17	35	38	2
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	213	93	120	0	1	4	16	29	39	10
TEMPLE UNIVERSITY	Pennsylvania	204	45	159	2	8	23	38	20	8	0
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	182	49	133	1	9	21	37	24	8	1
BOSTON COLLEGE	Massachusetts	180	57	123	0	0	3	17	38	38	4
NORTHEASTERN UNIVERSITY	Massachusetts	180	33	147	0	0	3	21	43	32	1
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	166	44	122	4	16	33	26	19	2	1
PRINCETON UNIVERSITY	New Jersey	166	51	115	2	2	6	14	23	37	14
TOWSON UNIVERSITY	Maryland	158	43	115	0	3	18	45	28	6	0
CORNELL UNIVERSITY	New York	145	43	102	0	0	4	13	27	45	11
FORDHAM UNIVERSITY	New York	144	36	108	1	1	9	31	42	15	2
SYRACUSE UNIVERSITY	New York	139	31	108	1	3	11	31	36	17	1
All Other Institutions		10,978	2,955	8,023	1	7	18	30	26	16	2
Total		20,956	5,854	15,102	1	7	19	30	26	15	2

Section V Optional Writing Test Results

Total Students in Report: 19,177

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	15,698	869,014	23.8	21.4	8.0	7.1	23.3	20.8
African American/Black	1,138	107,638	18.6	16.4	7.3	6.4	18.8	16.4
American Indian/Alaska Native	30	6,232	21.9	18.9	7.9	6.6	21.9	18.4
Caucasian American/White	10,453	518,004	24.3	23.0	8.0	7.3	23.7	22.1
Hispanic	1,026	101,126	21.0	18.1	7.7	6.9	21.0	18.1
Asian American/Pacific Islander	1,328	49,922	26.0	23.6	8.2	7.7	25.1	22.9
Other/No Response	1,723	86,092	24.4	21.0	8.0	7.1	23.8	20.4
Males	6,565	384,152	23.6	21.1	7.8	6.9	23.0	20.3
Females	9,130	484,023	24.0	21.7	8.1	7.3	23.6	21.2
Missing	3	839	18.7	16.8	7.0	6.3	18.3	16.6

