

ACT Profile Report - State

Graduating Class 2009
New Jersey



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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

34% 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: 17,679 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. 55% 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 2% of the cohort took less than three years of math courses. Of these students, 14% were college ready. 10% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 67% 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 5% of the cohort took less than three years of natural science courses. 16% of these students were college ready. In comparison, 39% 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 29% 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.

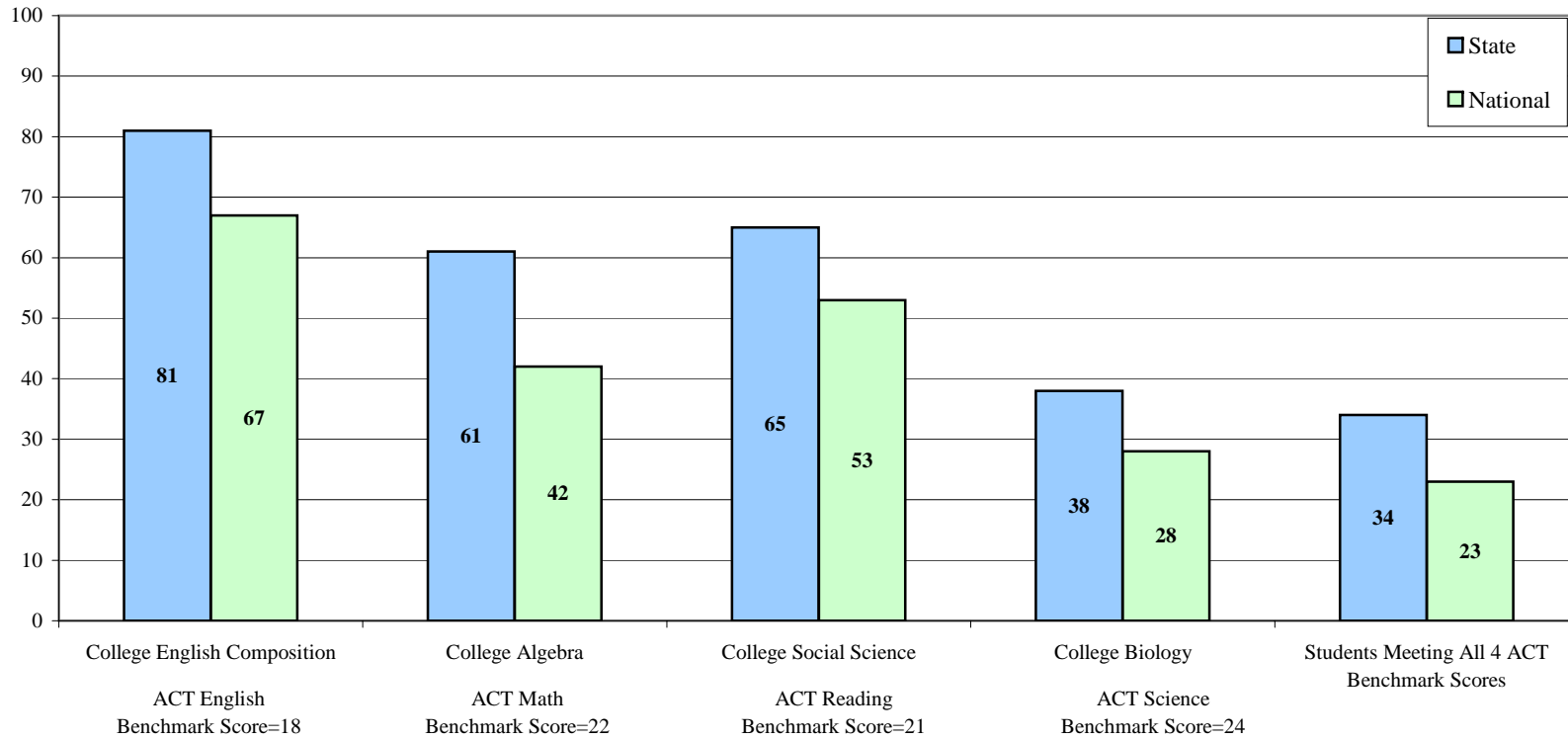
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 518-869-7378.

Section I

Executive Summary

Total Students in Report: 17,679

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: 17,679

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	5,902	1,186,251	71	68	47	41	55	51	26	26	22	21
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

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	5,902	1,186,251	20.9	20.4	21.5	20.7	21.7	21.3	20.8	20.9	21.3	20.9
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

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: 17,679

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	1,756	3,038	30	51	21.6	20.3	22.1	20.9	22.7	21.2	21.3	20.4	22.1	20.8
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

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	5,902	100	21.3	7,823	100	21.8	11,132	100	22.2	14,714	100	22.7	17,679	100	23.1
African American/Black	801	14	17.4	832	11	17.6	1,112	10	17.5	1,261	9	17.8	1,534	9	18.0
American Indian/Alaska Native	9	0	22.2	10	0	20.2	11	0	20.6	23	0	20.0	33	0	20.5
Caucasian American/White	3,452	58	22.0	4,274	55	22.3	5,796	52	22.7	8,778	60	23.0	11,647	66	23.4
Hispanic	391	7	19.7	403	5	19.7	606	5	20.1	837	6	20.5	1,080	6	20.9
Asian American/Pacific Islander	275	5	23.5	364	5	24.2	487	4	25.0	812	6	25.3	1,235	7	26.0
Other/No Response	974	17	22.4	1,940	25	22.4	3,120	28	23.0	3,003	20	24.0	2,150	12	24.2

Section II

Academic Achievement

Total Students in Report: 17,679

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	105	100	164	100	229	100	76	100	18	100	36
35	323	99	243	99	123	99	135	100	91	100	35
34	436	98	422	98	441	98	157	99	170	99	34
33	409	95	501	95	643	96	140	98	311	98	33
32	408	93	458	92	442	92	184	97	406	97	32
31	449	90	478	90	691	89	315	96	491	94	31
30	657	88	390	87	776	85	357	94	640	92	30
29	556	84	759	85	664	81	435	92	743	88	29
28	843	81	901	81	742	77	525	90	872	84	28
27	702	76	948	76	726	73	579	87	944	79	27
26	1,001	72	1,253	70	749	69	1,026	84	1,082	73	26
25	1,116	67	1,188	63	804	65	1,678	78	1,148	67	25
24	1,107	60	1,244	56	1,125	60	1,056	68	1,225	61	24
23	1,072	54	982	49	993	54	1,567	62	1,325	54	23
22	1,248	48	792	44	1,045	48	1,289	53	1,237	46	22
21	1,261	41	943	39	1,361	42	1,538	46	1,209	39	21
20	1,076	34	879	34	1,001	35	1,624	37	1,093	33	20
19	825	28	922	29	946	29	1,346	28	1,068	26	19
18	660	23	902	24	643	24	978	21	907	20	18
17	640	19	1,144	19	877	20	518	15	811	15	17
16	656	16	1,131	12	710	15	580	12	605	11	16
15	623	12	658	6	511	11	375	9	461	7	15
14	336	9	262	2	589	8	347	7	408	5	14
13	307	7	79	1	356	5	336	5	227	2	13
12	257	5	21	1	227	3	198	3	114	1	12
11	231	3	11	1	169	1	151	2	50	1	11
10	154	2	1	1	47	1	77	1	17	1	10
9	133	1	0	1	22	1	54	1	4	1	9
8	51	1	0	1	13	1	15	1	1	1	8
7	26	1	0	1	2	1	7	1	0	1	7
6	4	1	2	1	2	1	8	1	0	1	6
5	5	1	0	1	5	1	5	1	1	1	5
4	1	1	1	1	3	1	1	1	0	1	4
3	1	1	0	1	0	1	2	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	22.9 (6.1)		23.5 (5.6)		23.2 (6.1)		22.1 (5.0)		23.1 (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: 17,679

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	1,143	100	416	100	809	100	1,272	100	1,456	100	434	100	505	100	18
17	1,102	94	269	98	941	95	859	93	1,848	92	442	98	171	97	17
16	1,229	87	1,486	96	1,159	90	1,927	88	1,225	81	1,025	95	1,164	96	16
15	1,377	80	1,553	88	1,583	84	1,793	77	1,455	74	1,039	89	1,639	90	15
14	1,184	73	1,768	79	1,298	75	1,659	67	1,415	66	2,510	83	1,807	80	14
13	1,387	66	1,757	69	1,389	67	1,004	58	1,437	58	1,550	69	2,564	70	13
12	1,654	58	2,371	59	2,049	59	1,409	52	2,007	50	2,227	60	1,499	56	12
11	1,657	49	1,791	46	1,532	48	1,623	44	1,335	39	1,707	48	2,216	47	11
10	1,846	39	1,939	35	1,504	39	1,327	35	1,521	31	2,844	38	1,922	35	10
9	1,603	29	1,507	24	1,974	31	1,100	27	1,065	23	1,681	22	1,441	24	9
8	932	20	1,111	16	1,242	19	1,347	21	1,337	16	1,050	13	1,272	16	8
7	931	15	703	10	1,155	12	868	13	1,072	9	575	7	461	8	7
6	664	9	354	6	581	6	641	8	342	3	159	3	434	6	6
5	471	5	342	4	248	3	509	5	100	1	253	2	243	3	5
4	312	3	215	2	78	1	225	2	43	1	95	1	157	2	4
3	137	1	80	1	93	1	77	1	15	1	53	1	118	1	3
2	44	1	15	1	30	1	37	1	6	1	18	1	30	1	2
1	6	1	2	1	14	1	2	1	0	1	17	1	36	1	1
Avg (SD)	11.7 (3.8)		11.7 (3.2)		11.7 (3.5)		12.1 (3.8)		12.6 (3.5)		11.7 (3.0)		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	19

Total Students in Report: 17,679

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	17,679	55	23.5	22.6
	African American/Black	1,534	41	18.9	17.6
	American Indian/Alaska Native	33	67	21.5	18.5
	Caucasian American/White	11,647	57	23.7	23.1
	Hispanic	1,080	50	21.4	20.4
	Asian American/Pacific Islander	1,235	50	26.3	25.7
	Other/No Response	2,150	56	24.6	23.7
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	22.9	23.5	23.2	22.1	23.1
	African American/Black	17.2	18.5	18.0	17.8	18.0
	American Indian/Alaska Native	20.6	21.1	19.9	19.9	20.5
	Caucasian American/White	23.4	23.7	23.6	22.5	23.4
	Hispanic	20.5	21.5	20.9	20.2	20.9
	Asian American/Pacific Islander	25.8	27.7	25.3	24.6	26.0
	Other/No Response	24.2	24.5	24.4	23.0	24.2
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: 17,679

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	1,273	7	1,330	8	1,436	8	508	3
	28 to 32	2,913	16	2,986	17	3,315	19	1,816	10
	24 to 27	3,926	22	4,633	26	3,404	19	4,339	25
	20 to 23	4,657	26	3,596	20	4,400	25	6,018	34
	16 to 19	2,781	16	4,099	23	3,176	18	3,422	19
	13 to 15	1,266	7	999	6	1,456	8	1,058	6
	01 to 12	863	5	36	0	492	3	518	3
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	7,424	42	22.6	24.3	23.2	22.7	23.3
	Females	10,177	58	23.2	22.8	23.2	21.7	22.9
	Missing	78	0	25.1	26.0	26.4	24.4	25.5
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	78	66	65	43	39
	Females	82	57	65	34	30
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 17,679

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	9,704	84	23.5	64	23.9	69	23.7	40	22.5	36	23.5
	Less than Core	7,778	77	22.4	58	23.1	61	22.6	36	21.8	31	22.6
	Missing	197	49	17.8	32	19.6	38	19.2	17	19.1	13	19.1
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	17,274	81	23.0	17,205	62	23.6	10,221	68	23.6	16,677	39	22.3
	Less than Core	238	68	20.6	293	14	17.9	7,283	62	22.7	825	16	18.8
	Missing	167	51	18.1	181	31	19.5	175	37	19.3	177	18	19.2
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.

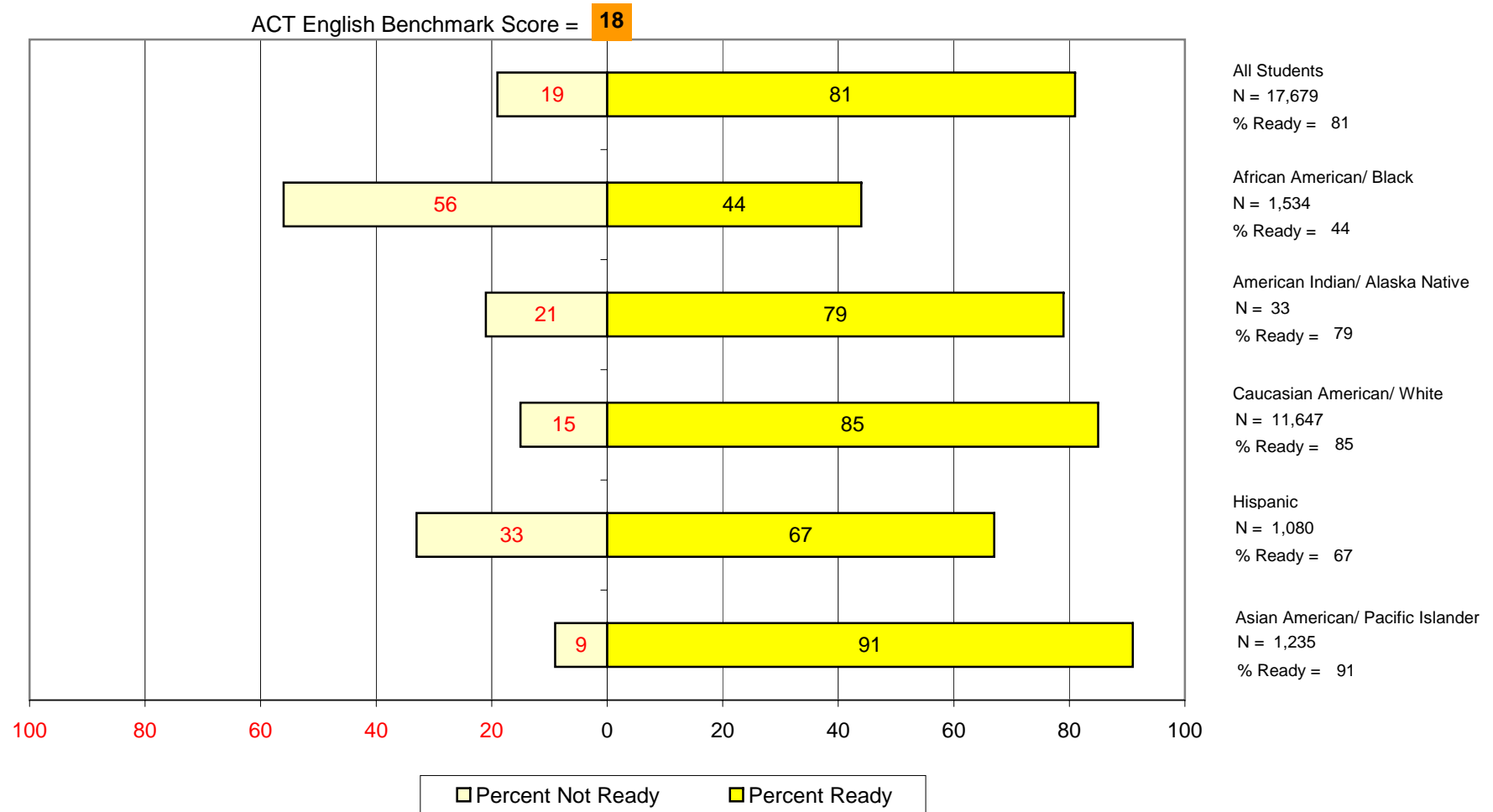
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

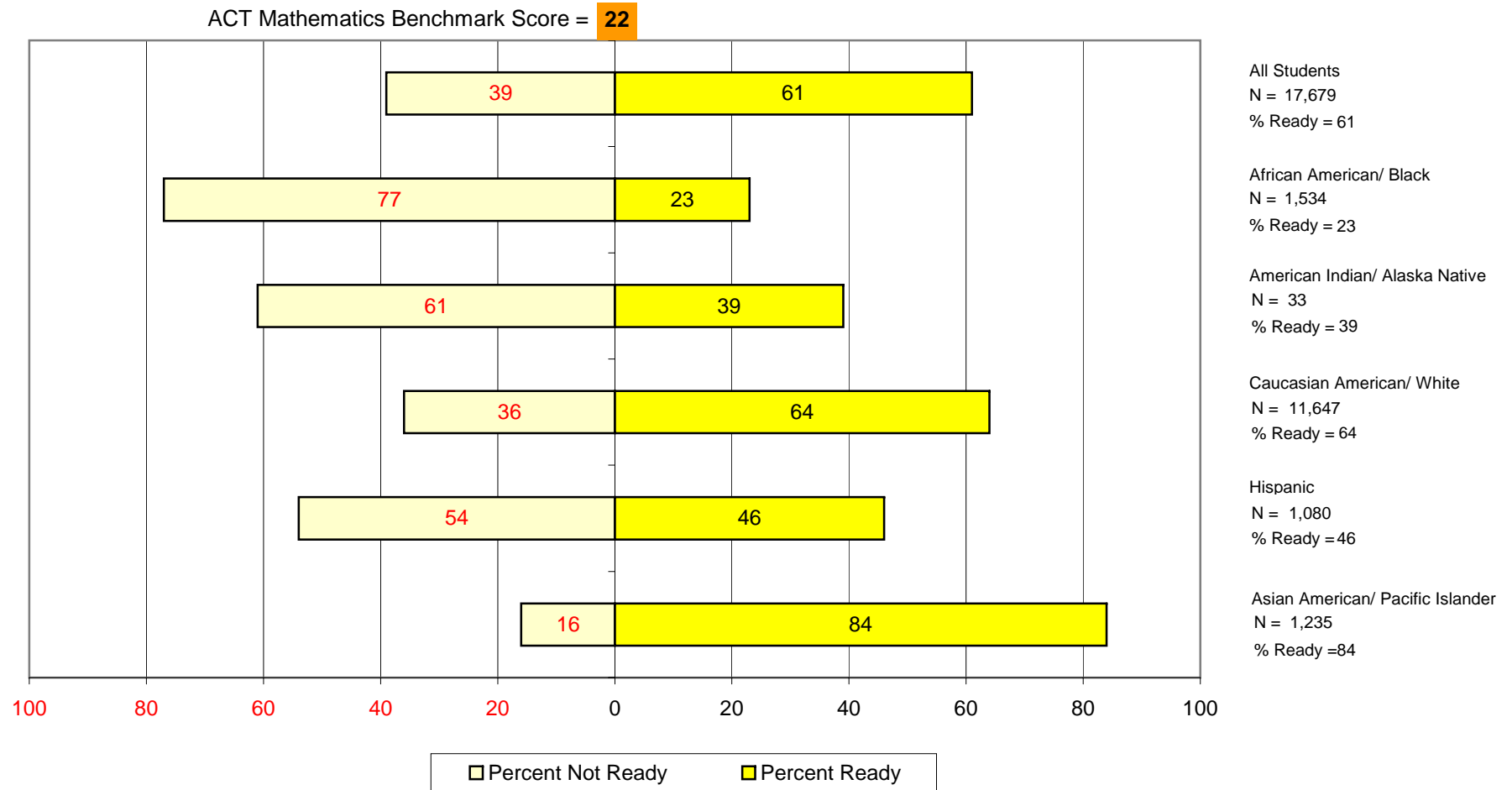
Total Students in Report: 17,679

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



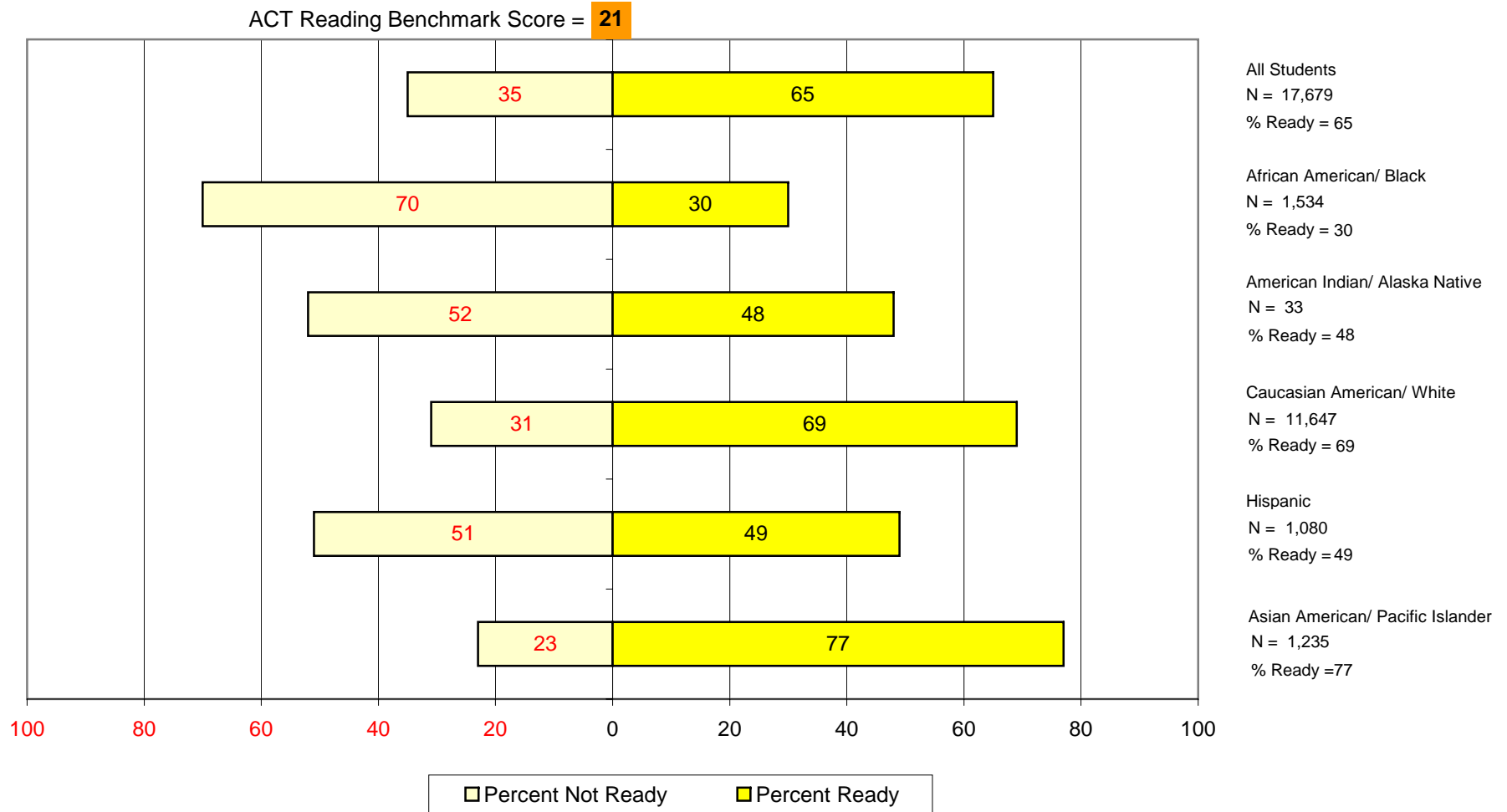
Total Students in Report: 17,679

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



Total Students in Report: 17,679

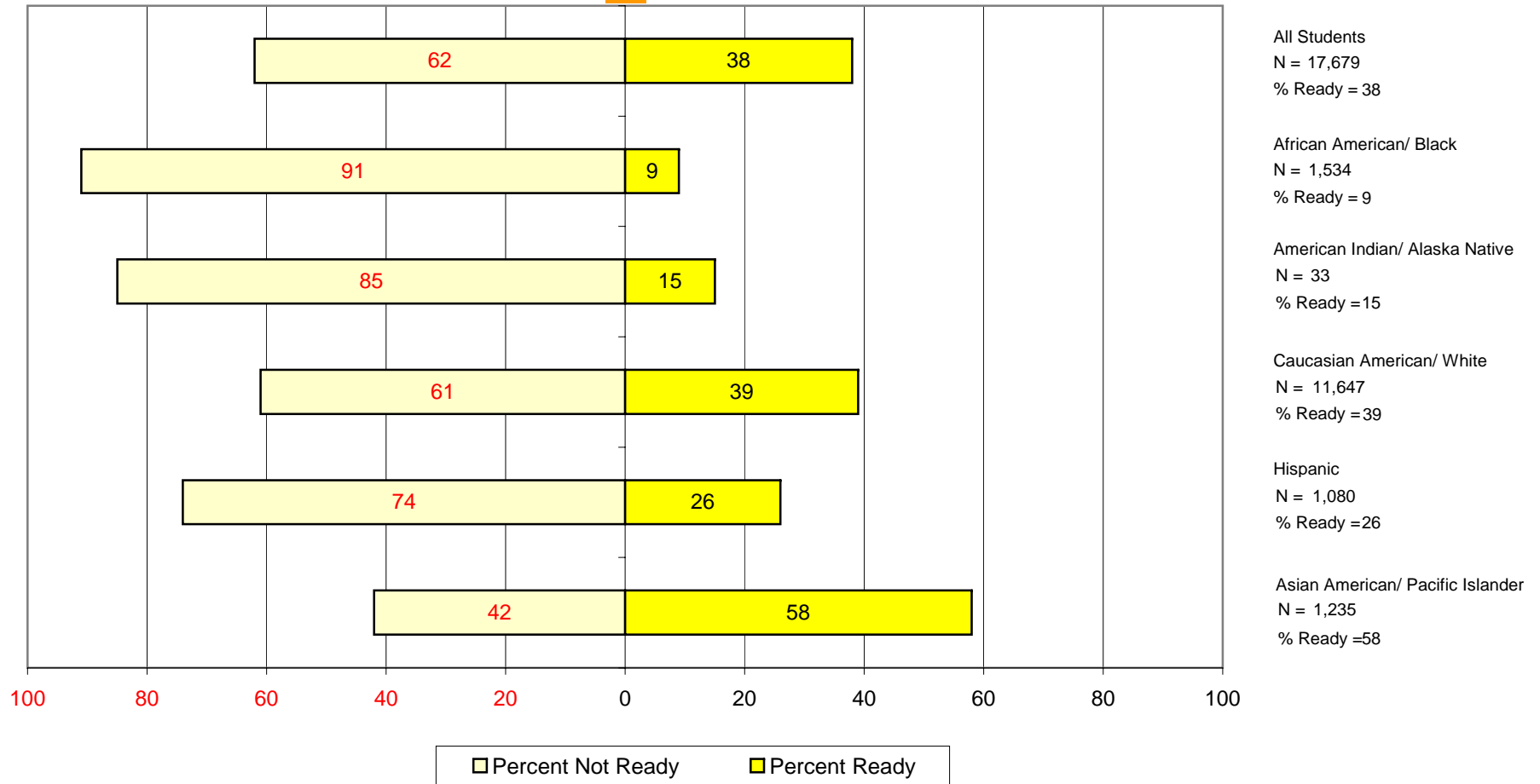
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 17,679

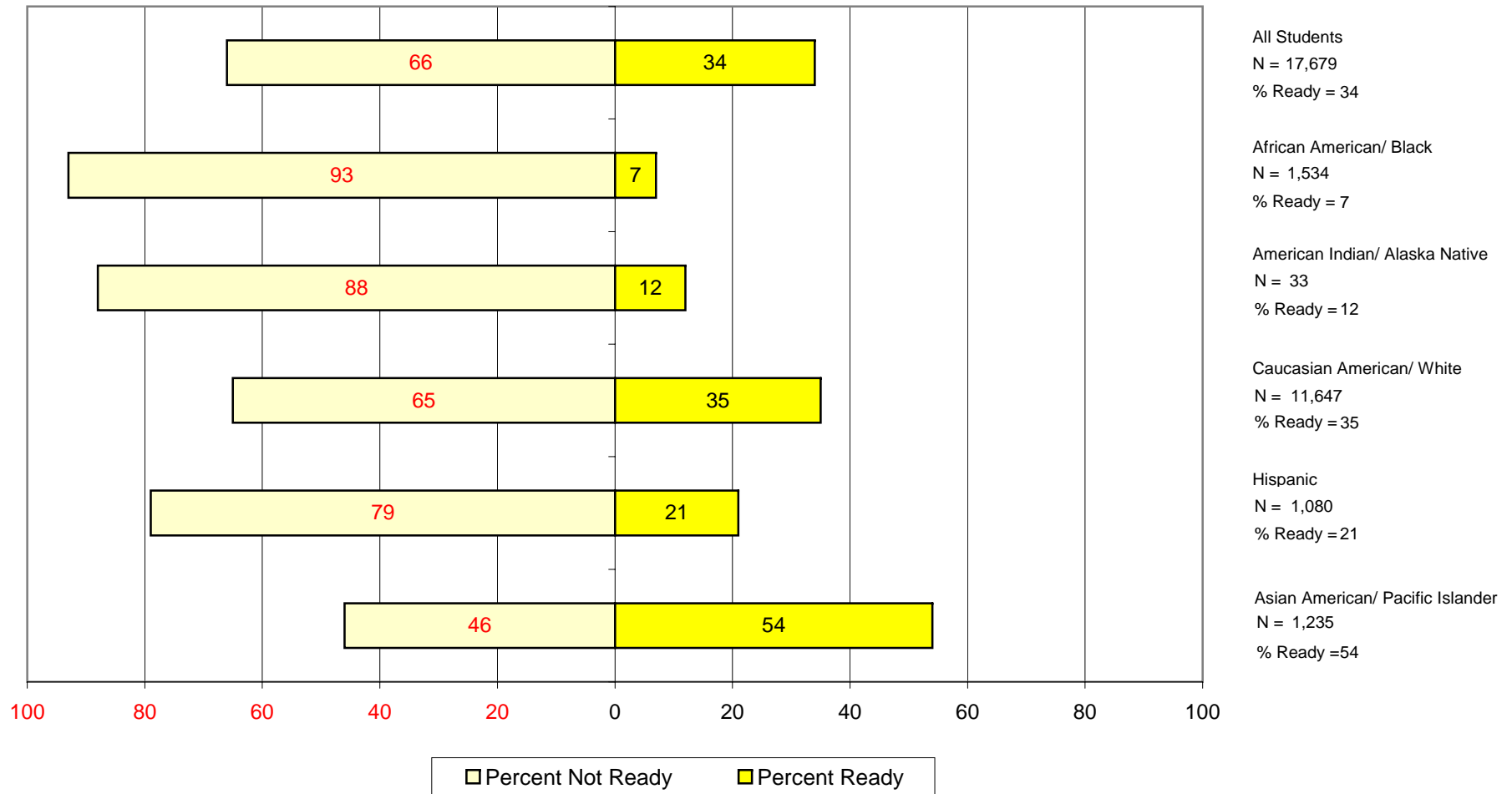
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 17,679

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



Total Students in Report: 17,679

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	4,373	25	23.8	3.2	1,690	23	23.5	2.9	2,664	26	24.0	3.3
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	12,901	73	22.7	2.1	5,533	75	22.4	1.8	7,315	72	23.0	2.3
Less than 4 years of English	246	1	20.6	-	120	2	20.6	-	123	1	20.7	-
No English course/grade information reported	159	1	17.9	-	81	1	17.8	-	75	1	18.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,623	9	26.1	8.3	683	9	26.7	8.5	933	9	25.7	8.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,460	8	22.8	5.0	511	7	23.3	5.1	947	9	22.5	4.9
Alg 1, Alg 2, Geom, & Trig	1,163	7	20.6	2.8	421	6	21.4	3.2	741	7	20.1	2.5
Alg 1, Alg 2, Geom, & Other Adv Math	2,671	15	20.9	3.1	920	12	21.2	3.0	1,740	17	20.7	3.1
Other comb of 4 or more years of Math	7,696	44	26.0	8.2	3,662	49	26.6	8.4	3,992	39	25.4	7.8
Alg 1, Alg 2, & Geom (Min. Core)	1,703	10	18.0	0.2	642	9	18.3	0.1	1,056	10	17.8	0.2
Other comb of 3 or 3.5 years of Math	889	5	22.6	4.8	374	5	23.1	4.9	509	5	22.1	4.5
Less than 3 years of Math	305	2	17.8	-	127	2	18.2	-	177	2	17.6	-
No Math course/grade information reported	169	1	19.7	-	84	1	20.8	-	82	1	18.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	950	5	24.1	1.4	463	6	23.6	0.9	486	5	24.5	1.8
Other comb of 4 or more years Social Science	3,984	23	23.4	0.7	1,860	25	23.4	0.7	2,106	21	23.3	0.6
US Hist, World Hist, & Am Gov (Min. Core)	841	5	23.8	1.1	405	5	23.8	1.1	429	4	23.7	1.0
Other comb of 3 or 3.5 years of Social Science	4,446	25	23.7	1.0	1,754	24	23.7	1.0	2,675	26	23.6	0.9
Less than 3 years of Social Science	7,289	41	22.7	-	2,858	38	22.7	-	4,400	43	22.7	-
No Soc Sci course/grade information reported	169	1	19.2	-	84	1	19.7	-	81	1	18.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	9,471	54	23.0	4.2	4,276	58	23.5	5.0	5,151	51	22.5	3.5
Bio, Chem, Phys	2,810	16	24.2	5.4	1,207	16	25.0	6.5	1,586	16	23.6	4.6
Gen Sci ² , Bio, Chem (Min. Core)	4,266	24	19.9	1.1	1,475	20	19.9	1.4	2,781	27	19.8	0.8
Other comb of 3 years of Natural Science	130	1	19.4	0.6	61	1	19.6	1.1	69	1	19.1	0.1
Less than 3 years of Natural Science	834	5	18.8	-	323	4	18.5	-	508	5	19.0	-
No Nat Sci course/grade information reported	168	1	19.3	-	82	1	19.9	-	82	1	18.7	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 17,679

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	4,373	25	23.8	85	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	12,901	73	22.7	80	1,029,431	70	20.6	68
Less than 4 years of English	246	1	20.6	69	74,090	5	16.7	42
No English course/grade information reported	159	1	17.9	49	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,623	9	26.1	82	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,460	8	22.8	61	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	1,163	7	20.6	39	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	2,671	15	20.9	43	220,868	15	20.1	36
Other comb of 4 or more years of Math	7,696	44	26.0	79	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	1,703	10	18.0	15	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	889	5	22.6	55	70,732	5	20.1	35
Less than 3 years of Math	305	2	17.8	14	105,591	7	16.5	7
No Math course/grade information reported	169	1	19.7	33	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	950	5	24.1	71	46,754	3	22.8	61
Other comb of 4 or more years Social Science	3,984	23	23.4	67	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	841	5	23.8	71	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	4,446	25	23.7	69	420,236	28	21.3	52
Less than 3 years of Social Science	7,289	41	22.7	62	152,775	10	19.7	40
No Soc Sci course/grade information reported	169	1	19.2	36	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	9,471	54	23.0	43	563,824	38	22.2	39
Bio, Chem, Phys	2,810	16	24.2	56	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	4,266	24	19.9	19	459,833	31	20.1	21
Other comb of 3 years of Natural Science	130	1	19.4	22	41,353	3	19.8	21
Less than 3 years of Natural Science	834	5	18.8	16	233,215	16	18.4	11
No Nat Sci course/grade information reported	168	1	19.3	18	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 17,679

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	64	0	21.8	2	2	16.5	57	0	22.2
Architecture & Environmental Design	276	2	22.7	2	2	18.0	248	2	22.9
Business & Management	2,937	17	23.0	12	13	16.3	2,559	17	23.0
Business & Office	101	1	21.4	1	1	17.0	79	1	21.6
Marketing & Distribution	261	1	21.7	2	2	25.5	232	2	21.6
Communications & Comm. Technologies	792	4	22.3	1	1	21.0	704	5	22.2
Community & Personal Services	219	1	19.6	3	3	16.7	196	1	19.6
Computer & Information Sciences	253	1	22.5	1	1	20.0	217	1	22.4
Cross-Disciplinary Studies	64	0	25.2	0	0	.	53	0	25.1
Education	963	5	20.8	1	1	13.0	876	6	20.8
Teacher Education	492	3	19.7	3	3	19.3	458	3	19.7
Engineering	681	4	25.7	1	1	20.0	621	4	25.8
Engineering-Related Technologies	392	2	24.4	4	4	15.0	348	2	24.5
Foreign Languages	125	1	25.2	1	1	13.0	101	1	24.7
Health Sciences & Allied Health Fields	2,179	12	22.7	14	16	15.4	2,005	13	22.8
Human, Family & Consumer Science	112	1	20.6	3	3	16.0	96	1	20.8
Letters	150	1	25.8	1	1	20.0	130	1	25.7
Mathematics	150	1	25.5	0	0	.	134	1	25.4
Philosophy, Religion & Theology	52	0	24.1	1	1	29.0	42	0	24.0
Sciences (Biological & Physical)	1,568	9	25.0	3	3	15.7	1,447	9	25.0
Social Sciences	1,432	8	23.7	2	2	18.0	1,291	8	23.5
Trade & Industrial	25	0	16.9	6	7	18.8	14	0	16.8
Visual & Performing Arts	929	5	21.7	8	9	17.9	819	5	21.6
Undecided	3,170	18	23.8	17	19	17.1	2,501	16	23.6
No Response	292	2	19.1	1	1	15.0	67	0	20.4

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: 17,679

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	14	20.4	1	14.0	0	.	6	19.8	3	22.3	1	20.0	3	22.0
2-yr College Degree	76	16.6	12	16.2	1	13.0	47	17.1	7	14.7	2	18.5	7	15.4
Bachelors Degree	5,474	20.9	457	16.4	13	19.5	4,068	21.4	302	19.1	184	22.4	450	21.3
Graduate Study	4,861	23.9	317	18.7	6	21.5	3,522	24.2	247	21.8	284	26.4	485	24.7
Prof. Level Degree	4,960	24.6	533	19.6	11	22.4	2,746	25.4	385	22.0	586	26.8	699	25.4
Other	281	20.7	30	16.6	0	.	159	21.1	14	18.6	22	23.0	56	21.4
No Response	2,013	23.7	184	16.7	2	18.0	1,099	24.2	122	20.3	156	26.8	450	25.1

Total Students in Report: 17,679

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	1,655	551	1,104	1	8	23	33	22	12	2
MONTCLAIR STATE UNIVERSITY	New Jersey	647	167	480	3	15	40	32	7	3	0
COLLEGE OF NEW JERSEY THE	New Jersey	556	161	395	1	3	13	33	29	19	2
ROWAN UNIVERSITY	New Jersey	539	109	430	2	10	34	34	14	6	0
UNIVERSITY OF DELAWARE	Delaware	478	97	381	0	2	10	39	33	15	1
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	447	126	321	1	3	15	32	32	14	2
WILLIAM PATERSON UNIVERSITY	New Jersey	381	106	275	5	18	45	24	7	2	0
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	374	137	237	2	10	42	32	9	4	0
MONMOUTH UNIVERSITY	New Jersey	366	94	272	2	10	33	38	14	3	0
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	346	66	280	1	8	29	38	18	5	1
NCAA ELIGIBILITY CENTER	Indiana	328	201	127	2	12	28	28	20	9	2
NEW YORK UNIVERSITY	New York	319	105	214	0	1	9	18	36	30	4
SETON HALL UNIVERSITY	New Jersey	318	69	249	3	10	29	31	20	6	0
DREXEL UNIVERSITY	Pennsylvania	305	69	236	0	4	18	29	36	12	1
BOSTON UNIVERSITY	Massachusetts	303	108	195	0	1	5	17	49	26	3
KEAN UNIVERSITY	New Jersey	302	86	216	8	21	45	20	5	1	0
RIDER UNIVERSITY	New Jersey	281	58	223	2	16	31	38	12	1	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	253	55	198	0	4	11	25	39	21	1
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	239	86	153	0	1	5	14	31	40	9
TEMPLE UNIVERSITY	Pennsylvania	231	59	172	2	11	32	37	14	4	0
VILLANOVA UNIVERSITY	Pennsylvania	219	63	156	0	0	8	20	39	33	0
PRINCETON UNIVERSITY	New Jersey	195	58	137	1	4	10	17	30	29	9
NORTHEASTERN UNIVERSITY	Massachusetts	194	38	156	0	1	4	19	52	24	1
LEHIGH UNIVERSITY	Pennsylvania	185	32	153	0	1	6	16	38	38	2
QUINNIPIAC UNIVERSITY	Connecticut	182	46	136	0	3	13	42	36	7	0
BOSTON COLLEGE	Massachusetts	174	51	123	0	1	2	15	34	41	7
CORNELL UNIVERSITY	New York	167	49	118	0	1	5	11	28	45	10
FORDHAM UNIVERSITY	New York	167	49	118	0	2	10	29	41	18	0
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	164	46	118	1	9	18	33	28	10	1
TOWSON UNIVERSITY	Maryland	155	33	122	0	7	28	45	19	1	0
All Other Institutions		12,152	3,246	8,906	1	8	21	29	23	15	2
Total		22,622	6,221	16,401	1	8	22	29	23	15	2

Section V Optional Writing Test Results

Total Students in Report: 17,679

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	14,223	814,713	23.8	21.5	8.0	7.2	23.3	20.8
African American/Black	1,007	96,225	18.2	16.5	7.2	6.4	18.5	16.5
American Indian/Alaska Native	21	5,489	22.4	18.9	8.1	6.7	22.4	18.5
Caucasian American/White	9,442	497,164	24.0	22.8	8.1	7.3	23.5	21.9
Hispanic	832	85,681	21.3	18.4	7.8	7.0	21.3	18.4
Asian American/Pacific Islander	1,120	44,716	26.3	23.5	8.2	7.6	25.3	22.8
Other/No Response	1,801	85,438	25.0	21.4	8.1	7.2	24.3	20.8
Males	5,754	357,025	23.5	21.1	7.8	6.9	22.9	20.3
Females	8,400	455,190	23.9	21.7	8.1	7.4	23.5	21.2
Missing	69	2,498	25.5	22.1	8.4	7.2	24.9	21.3

