

# ACT High School Profile Report

The Graduating Class of 2006  
New Jersey





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New Jersey

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This report provides information about the performance of your 2006 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

**Performance** - student test performance in the context of college readiness

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

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

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

**Awareness** - extent to which student aspirations match performance

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

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

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

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

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

**The ACT: A Test Like No Other**

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

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

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

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

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

24% of 2006 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT.** 7,823 ACT-tested graduates are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY.** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 27% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES.** Table 3.2 reports 8% of the cohort took less than three years of math courses. Of these students, 38% were college ready. 12% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 14% of these students were college ready. In comparison, 61% of the students who advanced beyond minimum core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 11% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 29% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES.** Table 2.4 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 38% 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](http://www.act.org/standard).

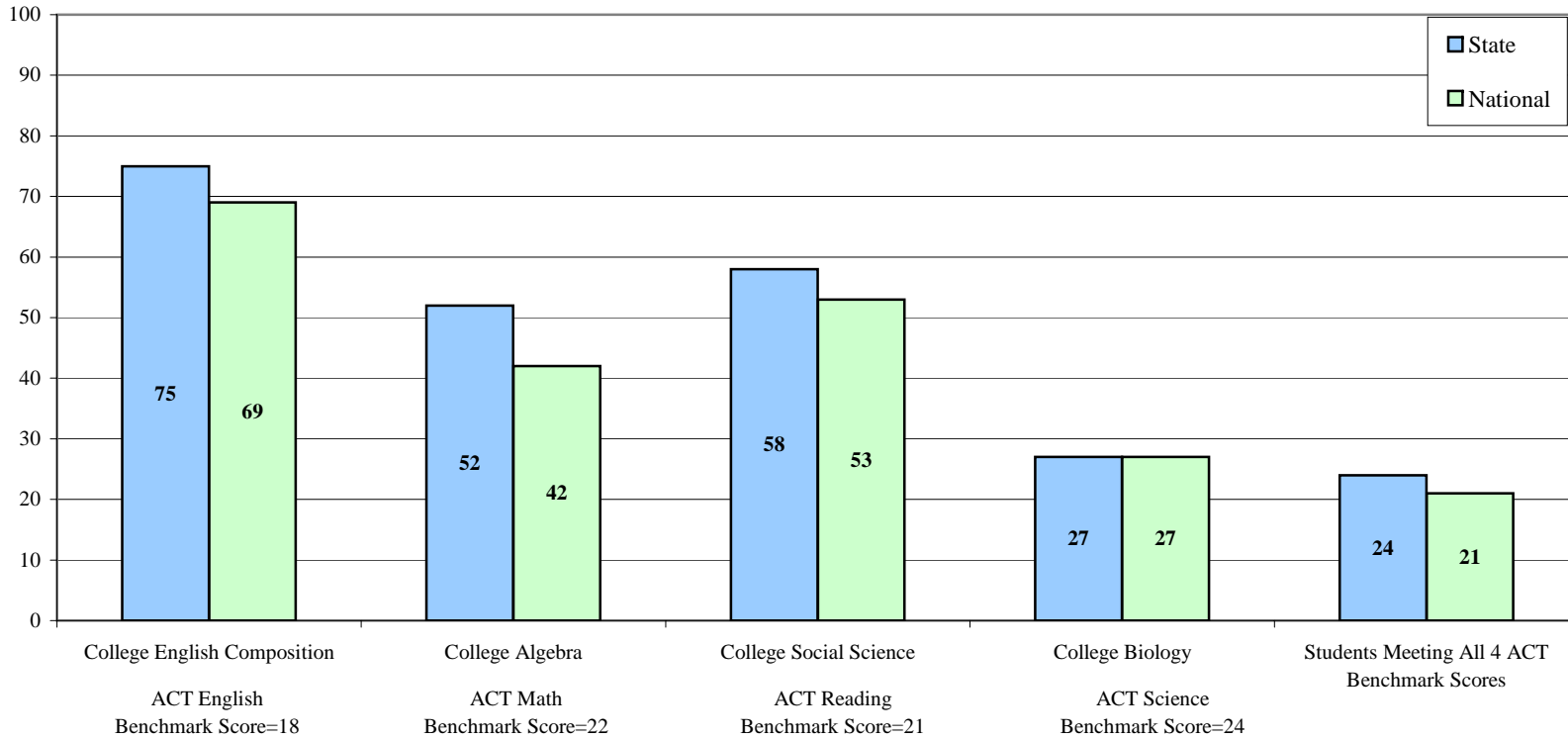
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic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

**Figure 1.1. Percent of ACT-Tested Students Ready for College-Level Coursework**



**A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses.**



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

Grad Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	3,979	1,116,082	68	67	42	39	51	53	22	26	18	20
2003	5,009	1,175,059	70	67	45	40	54	52	25	26	21	20
2004	5,218	1,171,460	71	68	45	40	54	52	25	26	21	21
2005	5,902	1,186,251	71	68	47	41	55	51	26	26	22	21
<b>2006</b>	<b>7,823</b>	<b>1,206,455</b>	<b>75</b>	<b>69</b>	<b>52</b>	<b>42</b>	<b>58</b>	<b>53</b>	<b>27</b>	<b>27</b>	<b>24</b>	<b>21</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	3,979	1,116,082	20.2	20.2	20.9	20.6	20.9	21.1	20.3	20.8	20.7	20.8
2003	5,009	1,175,059	20.6	20.3	21.3	20.6	21.5	21.2	20.7	20.8	21.2	20.8
2004	5,218	1,171,460	20.7	20.4	21.4	20.7	21.5	21.3	20.8	20.9	21.2	20.9
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
<b>2006</b>	<b>7,823</b>	<b>1,206,455</b>	<b>21.5</b>	<b>20.6</b>	<b>22.2</b>	<b>20.8</b>	<b>22.0</b>	<b>21.4</b>	<b>21.0</b>	<b>20.9</b>	<b>21.8</b>	<b>21.1</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

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

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

Grad Year	Number of Students Tested		Percent <sup>1</sup>		Average ACT Scores									
	Core or More	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2002	1,205	2,212	30	56	20.9	19.8	21.5	20.5	21.7	20.5	21.0	19.9	21.4	20.3
2003	1,488	2,724	30	54	21.4	20.0	22.0	20.8	22.4	20.9	21.3	20.4	21.9	20.7
2004	1,521	2,856	29	55	21.4	20.2	21.9	21.0	22.3	21.1	21.3	20.5	21.8	20.8
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
<b>2006</b>	<b>2,117</b>	<b>3,915</b>	<b>27</b>	<b>50</b>	<b>22.2</b>	<b>21.0</b>	<b>22.7</b>	<b>21.7</b>	<b>22.9</b>	<b>21.5</b>	<b>21.5</b>	<b>20.7</b>	<b>22.5</b>	<b>21.3</b>

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

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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>3,979</b>	<b>100</b>	<b>20.7</b>	<b>5,009</b>	<b>100</b>	<b>21.2</b>	<b>5,218</b>	<b>100</b>	<b>21.2</b>	<b>5,902</b>	<b>100</b>	<b>21.3</b>	<b>7,823</b>	<b>100</b>	<b>21.8</b>
African American/Black	584	15	17.4	664	13	17.4	764	15	17.5	801	14	17.4	832	11	17.6
American Indian/Alaskan Native	10	0	20.5	10	0	21.3	12	0	21.6	9	0	22.2	10	0	20.2
Caucasian American/White	2,422	61	21.4	3,013	60	21.9	3,034	58	21.9	3,452	58	22.0	4,274	55	22.3
Hispanic	191	5	18.2	314	6	19.0	294	6	19.8	391	7	19.7	403	5	19.7
Asian American/Pacific Islander	201	5	22.0	267	5	23.3	260	5	22.9	275	5	23.5	364	5	24.2
Other/No Response	571	14	21.4	741	15	21.9	854	16	22.0	974	17	22.4	1,940	25	22.4

# Section II

# Academic Achievement

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages for All Students**

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
36	19	100	33	100	41	100	14	100	3	100	36
35	68	100	64	100	93	99	29	100	10	100	35
34	108	99	105	99	136	98	26	99	38	100	34
33	91	98	78	97	173	97	43	99	58	99	33
32	110	96	97	96	124	94	55	99	71	99	32
31	108	95	118	95	180	93	68	98	135	98	31
30	201	94	249	94	206	90	33	97	189	96	30
29	256	91	262	90	246	88	115	97	200	94	29
28	294	88	289	87	294	85	173	95	307	91	28
27	277	84	448	83	360	81	197	93	396	87	27
26	363	80	521	78	385	76	460	90	427	82	26
25	536	76	522	71	476	71	389	84	504	77	25
24	410	69	462	64	429	65	547	80	500	70	24
23	432	64	450	58	460	60	604	73	574	64	23
22	576	58	376	53	475	54	716	65	589	56	22
21	546	51	409	48	437	48	671	56	590	49	21
20	595	44	431	43	468	42	803	47	560	41	20
19	457	36	446	37	516	36	756	37	537	34	19
18	427	30	501	31	342	30	547	27	534	27	18
17	341	25	688	25	426	25	441	20	452	20	17
16	346	21	595	16	333	20	306	15	353	15	16
15	346	16	331	9	280	16	218	11	285	10	15
14	266	12	216	4	359	12	164	8	234	7	14
13	148	8	73	2	215	7	149	6	143	4	13
12	139	6	41	1	160	5	95	4	71	2	12
11	123	5	10	1	124	3	95	3	38	1	11
10	81	3	3	1	41	1	44	1	11	1	10
9	64	2	2	1	20	1	28	1	10	1	9
8	51	1	2	1	10	1	20	1	2	1	8
7	33	1	0	1	4	1	7	1	2	1	7
6	8	1	1	1	4	1	2	1	0	1	6
5	2	1	0	1	2	1	5	1	0	1	5
4	1	1	0	1	3	1	2	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Average	21.5		22.2		22.0		21.0		21.8		Average

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

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages for All Students**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
18	279	100	61	100	136	100	254	100	418	100	108	100	110	100	18
17	396	96	165	99	428	98	447	97	393	95	155	99	145	99	17
16	334	91	342	97	360	93	551	91	698	90	178	97	278	97	16
15	494	87	564	93	520	88	652	84	527	81	420	94	502	93	15
14	647	81	733	86	488	82	648	76	585	74	891	89	765	87	14
13	479	73	755	76	718	75	656	67	907	66	542	78	897	77	13
12	695	66	777	67	775	66	794	59	883	55	1,193	71	854	66	12
11	762	58	1,085	57	773	56	662	49	504	44	816	55	686	55	11
10	916	48	866	43	710	46	705	40	673	37	1,139	45	1,326	46	10
9	709	36	893	32	860	37	666	31	536	29	1,149	30	736	29	9
8	609	27	631	20	807	26	460	23	804	22	510	16	557	19	8
7	529	19	367	12	457	16	423	17	553	11	111	9	392	12	7
6	400	12	243	7	391	10	468	12	215	4	286	8	297	7	6
5	247	7	198	4	199	5	227	6	73	2	195	4	15	4	5
4	197	4	93	2	93	3	145	3	35	1	37	2	174	3	4
3	90	2	34	1	72	1	47	1	12	1	66	1	2	1	3
2	37	1	14	1	17	1	14	1	7	1	7	1	66	1	2
1	3	1	2	1	19	1	4	1	0	1	20	1	21	1	1
Average	10.9		11.0		11.0		11.4		11.9		11.0		11.0		Average

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

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	7,823	27	22.5	21.3
	African Am./Black	832	22	18.3	17.5
	Am. Indian/Alaskan Native	10	30	21.7	20.0
	Caucasian Am./White	4,274	30	22.8	22.0
	Hispanic	403	24	20.6	19.4
	Asian Am./Pacific Islander	364	29	24.4	24.2
	Other/No Response	1,940	24	23.0	22.0
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

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

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	286	4	280	4	443	6	112	1
	28 to 32	969	12	1,015	13	1,050	13	444	6
	24 to 27	1,586	20	1,953	25	1,650	21	1,593	20
	20 to 23	2,149	27	1,666	21	1,840	24	2,794	36
	16 to 19	1,571	20	2,230	29	1,617	21	2,050	26
	13 to 15	760	10	620	8	854	11	531	7
	01 to 12	502	6	59	1	369	5	299	4
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

**Table 2.5. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	2,863	37	20.7	22.7	21.3	21.3	21.6
	Females	4,349	56	22.1	21.9	22.5	20.8	21.9
	Missing	611	8	21.1	21.8	22.0	20.6	21.5
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	70	56	52	32	27
	Females	78	50	61	25	22
National	Males	66	47	51	32	25
	Females	71	37	55	23	18





# Section III

## College Readiness and the Impact of Course Rigor

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

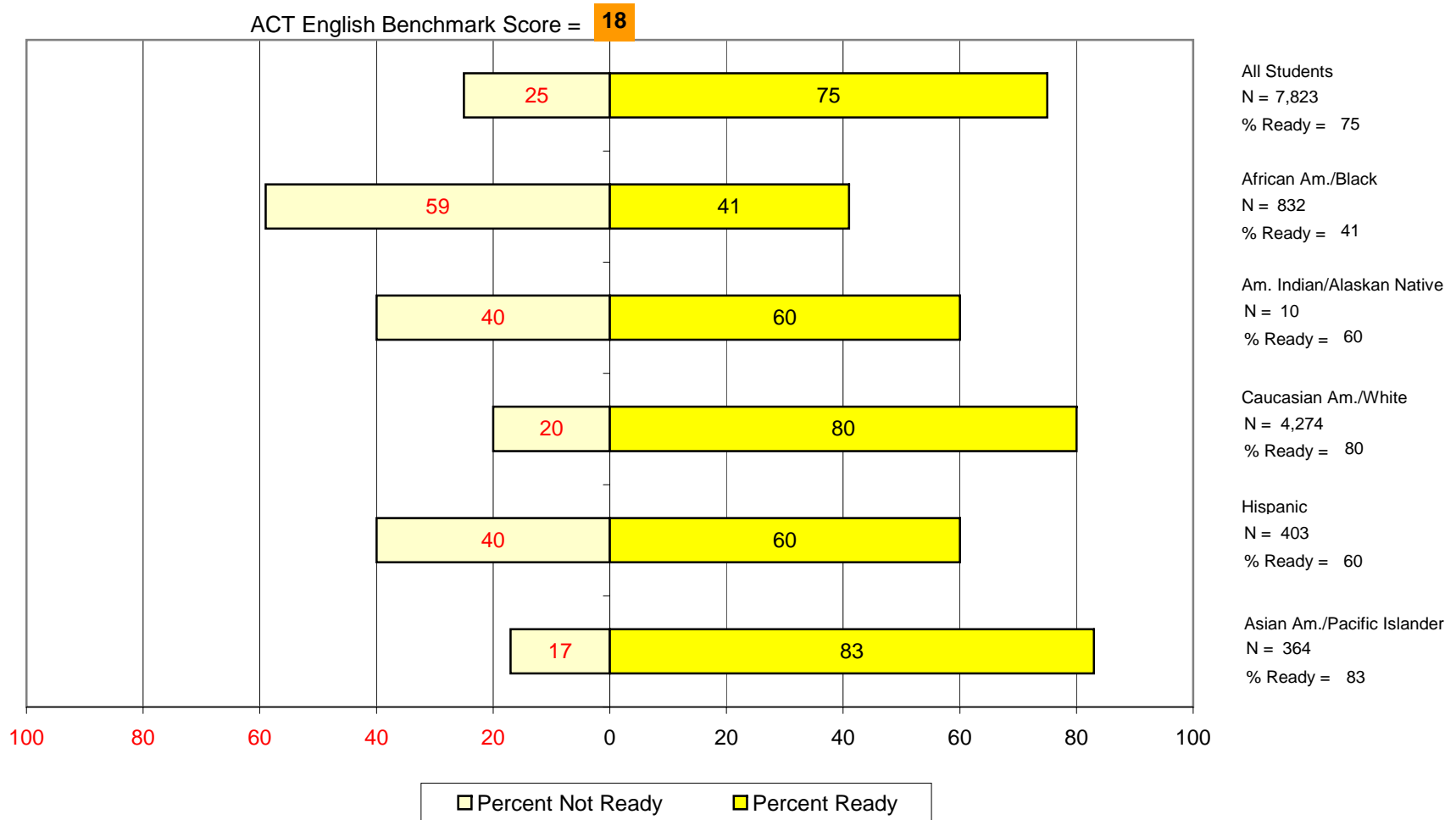


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

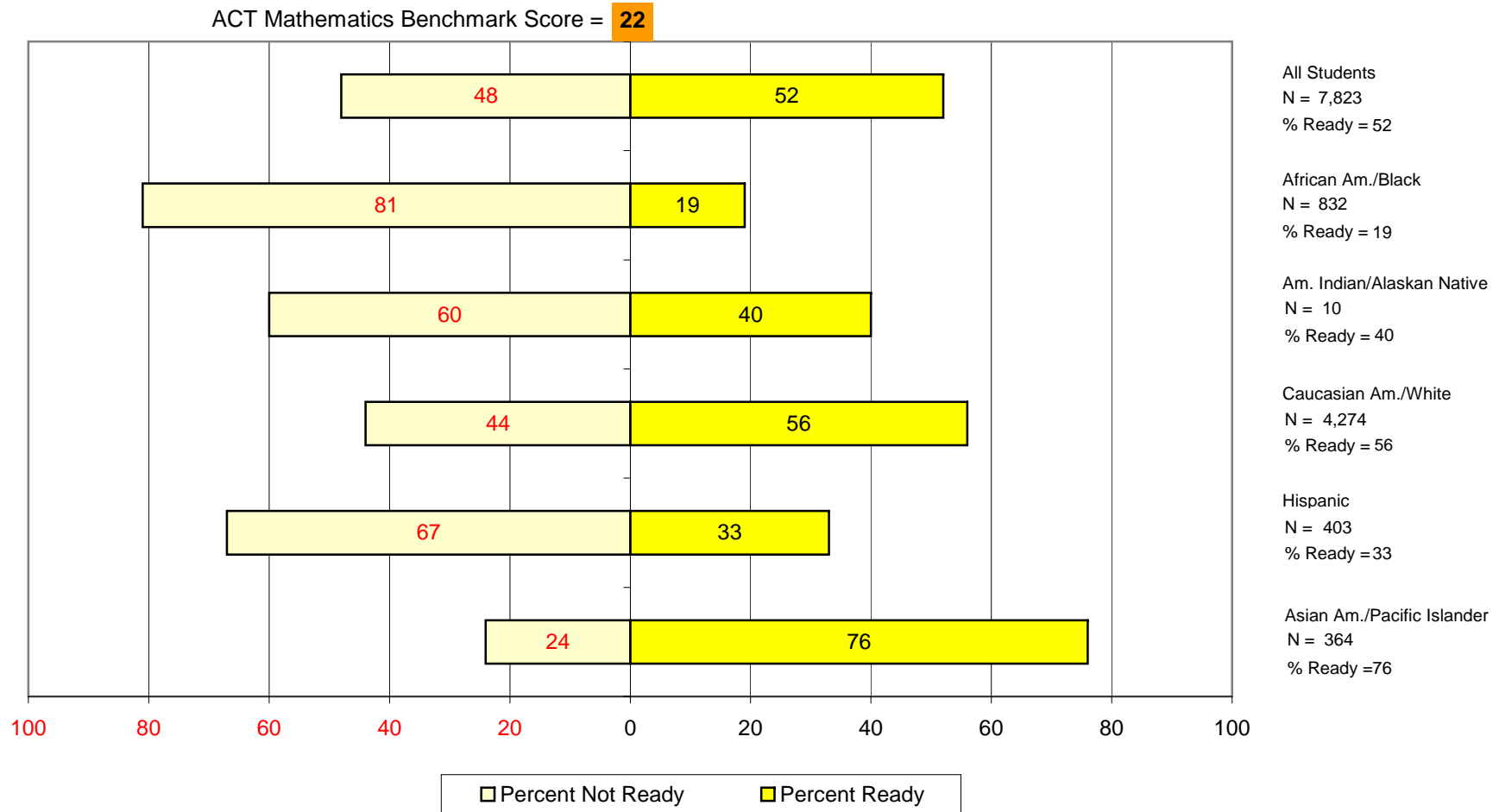


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

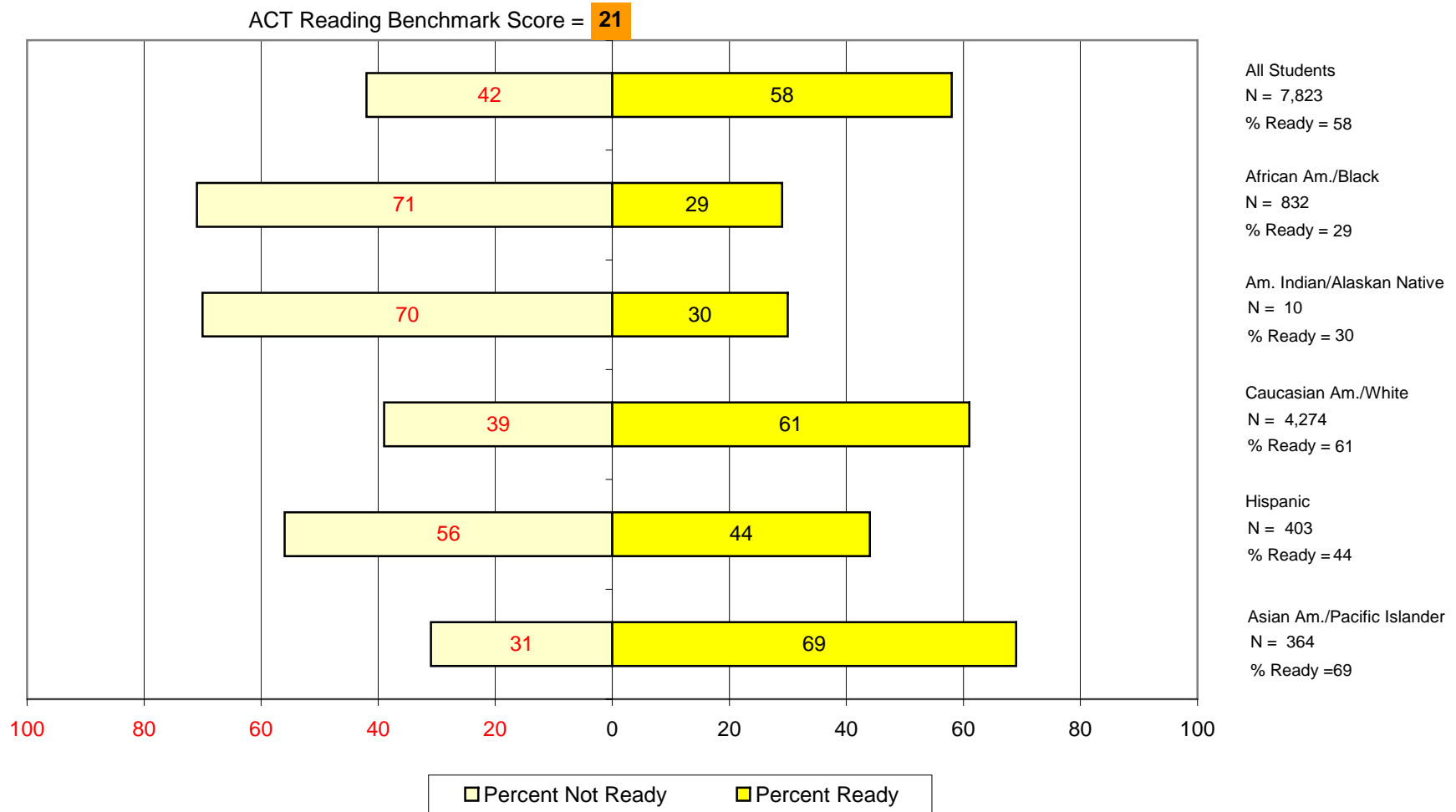


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

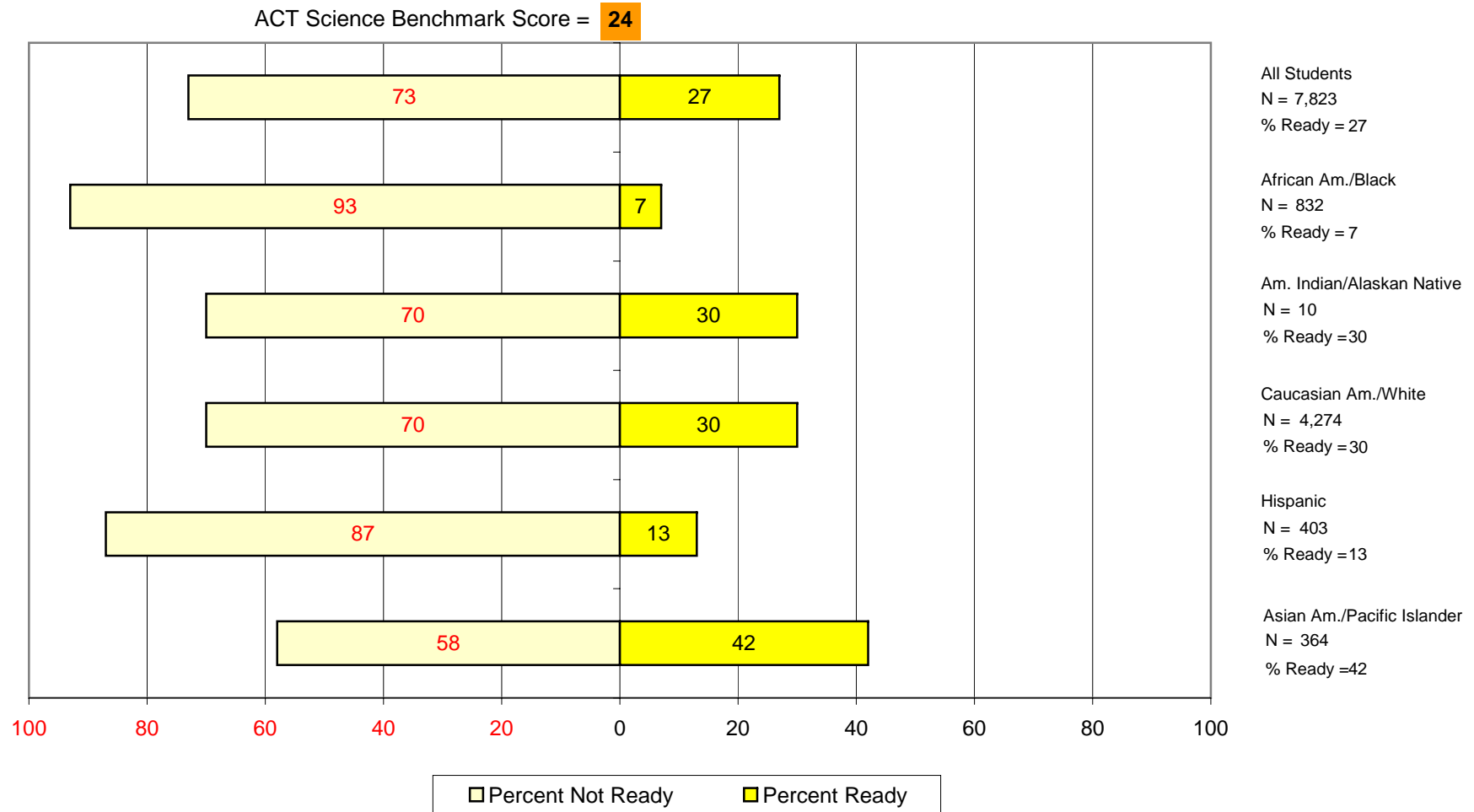
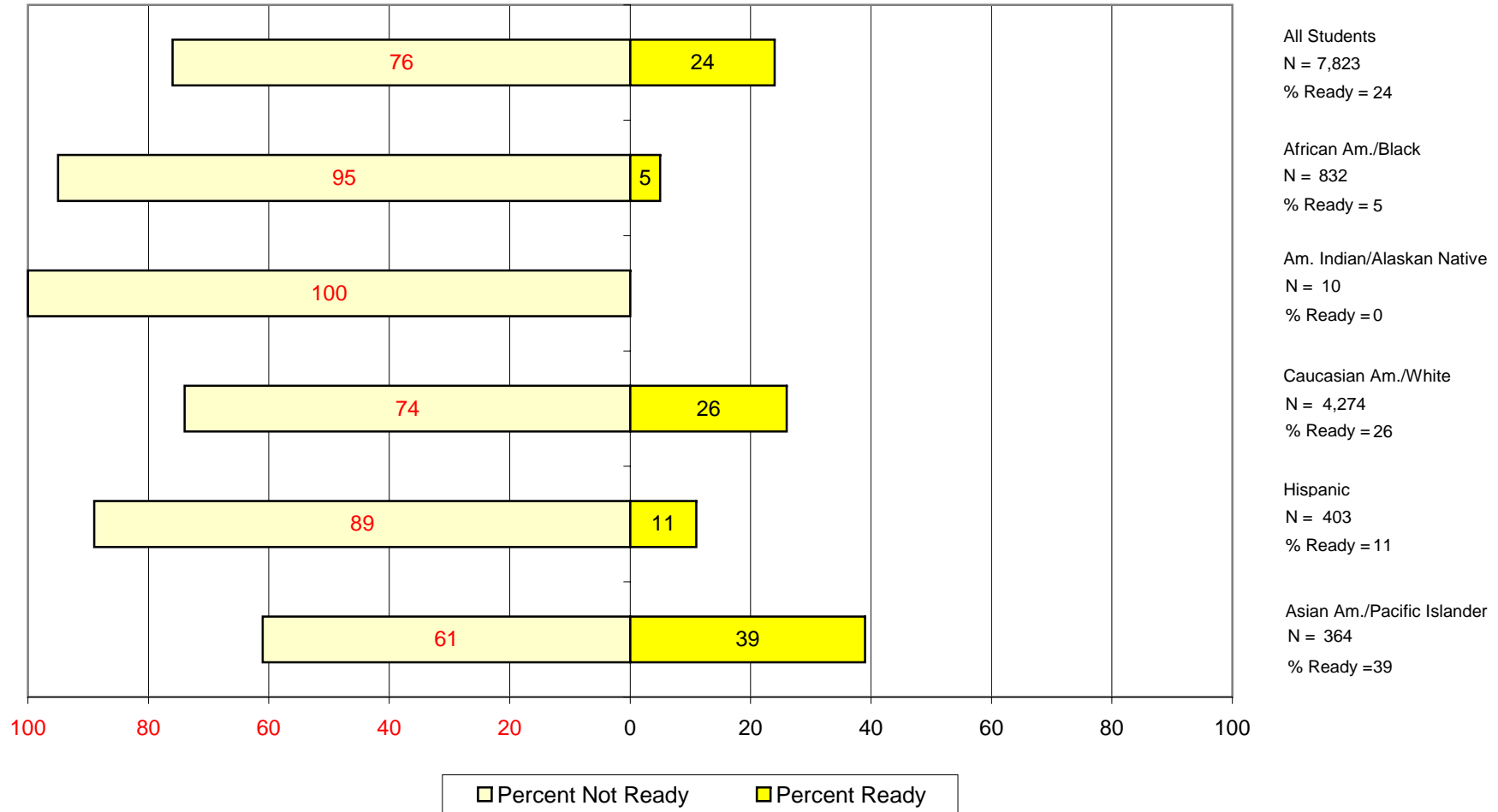


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	719	9	22.0	1.3	210	7	20.4	0.7	459	11	22.9	1.3
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	4,508	58	21.4	0.7	1,621	57	20.8	1.1	2,631	60	21.9	0.3
Less than 4 years of English	759	10	20.7	-	308	11	19.7	-	383	9	21.6	-
No English course/grade information reported	1,837	23	21.7	-	724	25	20.9	-	876	20	22.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	511	7	25.8	5.3	164	6	26.4	5.3	323	7	25.5	5.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	441	6	22.6	2.1	127	4	23.2	2.1	285	7	22.3	2.0
Alg 1, Alg 2, Geom, & Trig	564	7	20.5	0.0	183	6	21.0	-0.1	343	8	20.3	0.0
Alg 1, Alg 2, Geom, & Other Adv Math	965	12	20.6	0.1	275	10	21.1	0.0	638	15	20.4	0.1
Other comb of 4 or more years of Math	1,530	20	25.2	4.7	650	23	25.8	4.7	804	18	24.8	4.5
Alg 1, Alg 2, & Geom (Min. Core)	927	12	17.9	-2.6	330	12	18.0	-3.1	530	12	17.7	-2.6
Other comb of 3 or 3.5 years of Math	358	5	22.7	2.2	145	5	22.1	1.0	191	4	23.1	2.8
Less than 3 years of Math	618	8	20.5	-	236	8	21.1	-	324	7	20.3	-
No Math course/grade information reported	1,909	24	22.4	-	753	26	23.0	-	911	21	22.1	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	269	3	23.3	1.8	110	4	22.1	1.5	139	3	24.1	2.1
Other comb of 4 or more years Social Science	655	8	22.7	1.2	218	8	21.5	0.9	394	9	23.4	1.4
US Hist, World Hist, & Am Gov (Min. Core)	318	4	22.1	0.6	156	5	21.7	1.1	149	3	22.5	0.5
Other comb of 3 or 3.5 years of Social Science	1,234	16	22.6	1.1	421	15	22.2	1.6	749	17	22.9	0.9
Less than 3 years of Social Science	3,398	43	21.5	-	1,195	42	20.6	-	1,976	45	22.0	-
No Soc Sci course/grade information reported	1,949	25	22.2	-	763	27	21.6	-	942	22	22.7	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	2,137	27	21.9	2.4	791	28	22.3	2.9	1,216	28	21.6	1.9
Bio, Chem, Phys	1,048	13	23.1	3.6	412	14	23.9	4.5	585	13	22.7	3.0
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	1,693	22	19.3	-0.2	531	19	19.2	-0.2	1,046	24	19.4	-0.3
Other comb of 3 years of Natural Science	83	1	19.2	-0.3	29	1	18.7	-0.7	49	1	19.2	-0.5
Less than 3 years of Natural Science	885	11	19.5	-	326	11	19.4	-	503	12	19.7	-
No Nat Sci course/grade information reported	1,977	25	21.0	-	774	27	21.4	-	950	22	20.8	-

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

<sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	719	9	22.0	77	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	4,508	58	21.4	75	668,226	55	20.4	67
Less than 4 years of English	759	10	20.7	72	115,551	10	19.4	62
No English course/grade information reported	1,837	23	21.7	77	150,124	12	20.3	67
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	511	7	25.8	82	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	441	6	22.6	60	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	564	7	20.5	40	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	965	12	20.6	40	153,394	13	20.3	37
Other comb of 4 or more years of Math	1,530	20	25.2	77	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	927	12	17.9	14	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	358	5	22.7	57	54,965	5	20.6	40
Less than 3 years of Math	618	8	20.5	38	131,567	11	17.9	18
No Math course/grade information reported	1,909	24	22.4	54	158,635	13	20.8	42
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	269	3	23.3	63	31,335	3	22.7	60
Other comb of 4 or more years Social Science	655	8	22.7	64	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	318	4	22.1	59	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	1,234	16	22.6	62	325,879	27	21.3	52
Less than 3 years of Social Science	3,398	43	21.5	53	179,270	15	20.5	46
No Soc Sci course/grade information reported	1,949	25	22.2	59	158,406	13	21.2	52
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	2,137	27	21.9	34	320,821	27	22.3	38
Bio, Chem, Phys	1,048	13	23.1	43	115,519	10	23.2	45
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	1,693	22	19.3	14	339,689	28	20.2	19
Other comb of 3 years of Natural Science	83	1	19.2	24	32,330	3	20.5	24
Less than 3 years of Natural Science	885	11	19.5	18	234,307	19	19.1	14
No Nat Sci course/grade information reported	1,977	25	21.0	27	163,789	14	20.7	26

<sup>1</sup>Includes General, Physical and Earth Sciences.



# Section IV

## Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	26	0	20.3	1	2	16.0	23	0	20.4
Architecture & Environmental Design	74	1	21.7	0	0	.	72	1	21.8
Business & Management	597	8	21.3	3	6	15.7	560	10	21.4
Business & Office	14	0	19.7	1	2	14.0	13	0	20.2
Marketing & Distribution	86	1	21.3	0	0	.	75	1	21.1
Communications & Comm. Technologies	248	3	21.4	2	4	17.0	233	4	21.5
Community & Personal Services	86	1	17.8	3	6	13.7	80	1	18.1
Computer & Information Sciences	70	1	22.3	1	2	15.0	63	1	22.0
Cross-Disciplinary Studies	15	0	24.8	0	0	.	15	0	24.8
Education	283	4	19.9	0	0	.	268	5	19.9
Teacher Education	180	2	18.8	1	2	22.0	166	3	18.8
Engineering	179	2	23.4	2	4	12.0	167	3	23.5
Engineering-Related Technologies	101	1	23.8	2	4	15.5	96	2	23.9
Foreign Languages	34	0	24.8	0	0	.	32	1	25.0
Health Sciences & Allied Health Fields	626	8	21.3	7	15	17.6	591	10	21.5
Human, Family & Consumer Science	20	0	20.5	1	2	25.0	19	0	20.2
Letters	33	0	25.6	0	0	.	29	1	25.7
Mathematics	42	1	25.3	0	0	.	40	1	25.3
Philosophy, Religion & Theology	12	0	22.8	0	0	.	12	0	22.8
Sciences (Biological & Physical)	376	5	23.3	2	4	20.0	359	6	23.4
Social Sciences	458	6	22.2	2	4	15.0	441	8	22.3
Trade & Industrial	11	0	16.8	1	2	19.0	10	0	16.6
Visual & Performing Arts	271	3	20.7	4	8	16.5	249	4	20.9
Undecided	561	7	21.5	4	8	18.8	494	9	21.5
No Response	3,420	44	22.1	11	23	17.1	1,531	27	21.7

<sup>1</sup>2-Year and 4-Year N's do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N for *All Students*.

<sup>2</sup>Percent of students tested.

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African-Am./ Black		Am. Indian/ Alaskan Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	7	14.3	4	14.5	0	.	3	14.0	0	.	0	.	0	.
2-yr College Degree	41	17.3	7	16.3	0	.	23	18.4	3	16.0	0	.	8	15.5
Bachelors Degree	1,883	19.6	194	16.0	4	19.5	1,181	20.2	110	17.8	48	21.5	346	20.0
Graduate Study	1,893	22.4	188	18.4	3	22.7	1,150	23.0	88	20.4	73	25.1	391	22.3
Prof. Level Degree	1,862	23.0	267	19.1	3	18.7	908	23.9	125	20.9	145	24.9	414	23.7
Other	159	19.1	28	16.1	0	.	74	20.2	9	17.8	12	20.7	36	19.1
No Response	1,978	22.4	144	16.6	0	.	935	22.8	68	19.9	86	24.3	745	23.1

**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 STATE UNIV-RUTGERS COLLEGE	New Jersey	876	266	610	2	12	28	31	20	5	0
MONTCLAIR STATE UNIVERSITY	New Jersey	386	99	287	3	18	43	30	6	1	0
ROWAN UNIVERSITY	New Jersey	375	87	288	3	12	38	34	13	1	0
COLLEGE OF NEW JERSEY THE	New Jersey	358	102	256	0	3	21	32	31	11	1
UNIVERSITY OF DELAWARE	Delaware	272	68	204	0	3	24	34	33	6	0
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	255	99	156	2	15	45	31	6	1	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	235	49	186	0	3	23	38	26	9	0
MONMOUTH UNIVERSITY	New Jersey	226	77	149	4	10	38	40	7	1	0
KEAN UNIVERSITY	New Jersey	224	52	172	8	25	42	21	3	0	0
WILLIAM PATERSON UNIVERSITY	New Jersey	223	60	163	6	23	41	25	4	0	0
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	211	47	164	2	11	36	40	9	2	0
RIDER UNIVERSITY	New Jersey	197	47	150	3	12	47	26	11	2	0
SETON HALL UNIVERSITY	New Jersey	193	47	146	3	14	39	26	15	3	0
TEMPLE UNIVERSITY	Pennsylvania	183	39	144	8	14	31	36	10	1	1
BOSTON UNIVERSITY	Massachusetts	172	72	100	0	0	8	25	47	19	1
NEW YORK UNIVERSITY	New York	161	58	103	1	4	12	29	32	20	2
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	159	77	82	2	13	28	32	18	5	1
DREXEL UNIVERSITY	Pennsylvania	147	31	116	1	5	29	39	22	4	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	134	57	77	0	1	5	19	46	25	3
VILLANOVA UNIVERSITY	Pennsylvania	133	33	100	0	2	11	24	41	21	1
NORTHEASTERN UNIVERSITY	Massachusetts	125	25	100	0	2	11	34	36	17	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	119	28	91	0	2	17	35	31	15	0
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	114	22	92	4	17	39	31	9	1	0
BOSTON COLLEGE	Massachusetts	112	41	71	1	0	4	17	46	32	0
PRINCETON UNIVERSITY	New Jersey	111	32	79	2	6	15	26	32	16	3
QUINNIPIAC UNIVERSITY	Connecticut	100	33	67	0	5	22	43	26	4	0
LEHIGH UNIVERSITY	Pennsylvania	97	17	80	0	3	13	21	38	24	1
UNIVERSITY OF CONNECTICUT	Connecticut	95	19	76	1	2	26	33	31	7	0
CORNELL UNIVERSITY	New York	90	20	70	0	3	9	17	40	26	6
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	87	21	66	3	14	26	34	11	7	3
All Other Institutions		8,292	2,138	6,154	2	11	26	29	21	9	1
<b>Total</b>		<b>14,462</b>	<b>3,863</b>	<b>10,599</b>	<b>2</b>	<b>11</b>	<b>27</b>	<b>30</b>	<b>21</b>	<b>8</b>	<b>1</b>

# Section V

## Optional Writing Test Results

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>4,899</b>	<b>430,404</b>	<b>22.7</b>	<b>22.4</b>	<b>8.3</b>	<b>7.7</b>	<b>22.9</b>	<b>22.0</b>
African Am./Black	407	38,583	18.2	17.5	7.5	6.8	18.8	17.6
Am. Indian/Alaskan Native	4	2,803	25.0	19.8	8.5	7.1	24.8	19.6
Caucasian Am./White	2,678	269,428	23.2	23.4	8.4	7.8	23.3	22.8
Hispanic	250	33,207	20.1	18.9	8.0	7.4	20.7	19.1
Asian Am./Pacific Islander	268	21,275	24.5	23.0	8.6	8.0	24.4	22.8
Other/No Response	1,292	65,108	23.4	22.8	8.4	7.9	23.4	22.5
Males	1,637	170,904	22.2	22.1	8.1	7.4	22.2	21.5
Females	2,880	240,056	23.1	22.6	8.5	7.9	23.3	22.3
Missing	382	19,444	22.1	22.1	8.3	7.8	22.4	21.9



