

ACT High School Profile Report

The Graduating Class of 2007
Delaware



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This report provides information about the performance of your 2007 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 - colleges 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:

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

25% of 2007 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. 742 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. 47% 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 14% of the cohort took less than three years of math courses. Of these students, 29% were college ready. 8% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 17% of these students were college ready. In comparison, 59% 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. 20% of these students were college ready. In comparison, 33% 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 39% 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.

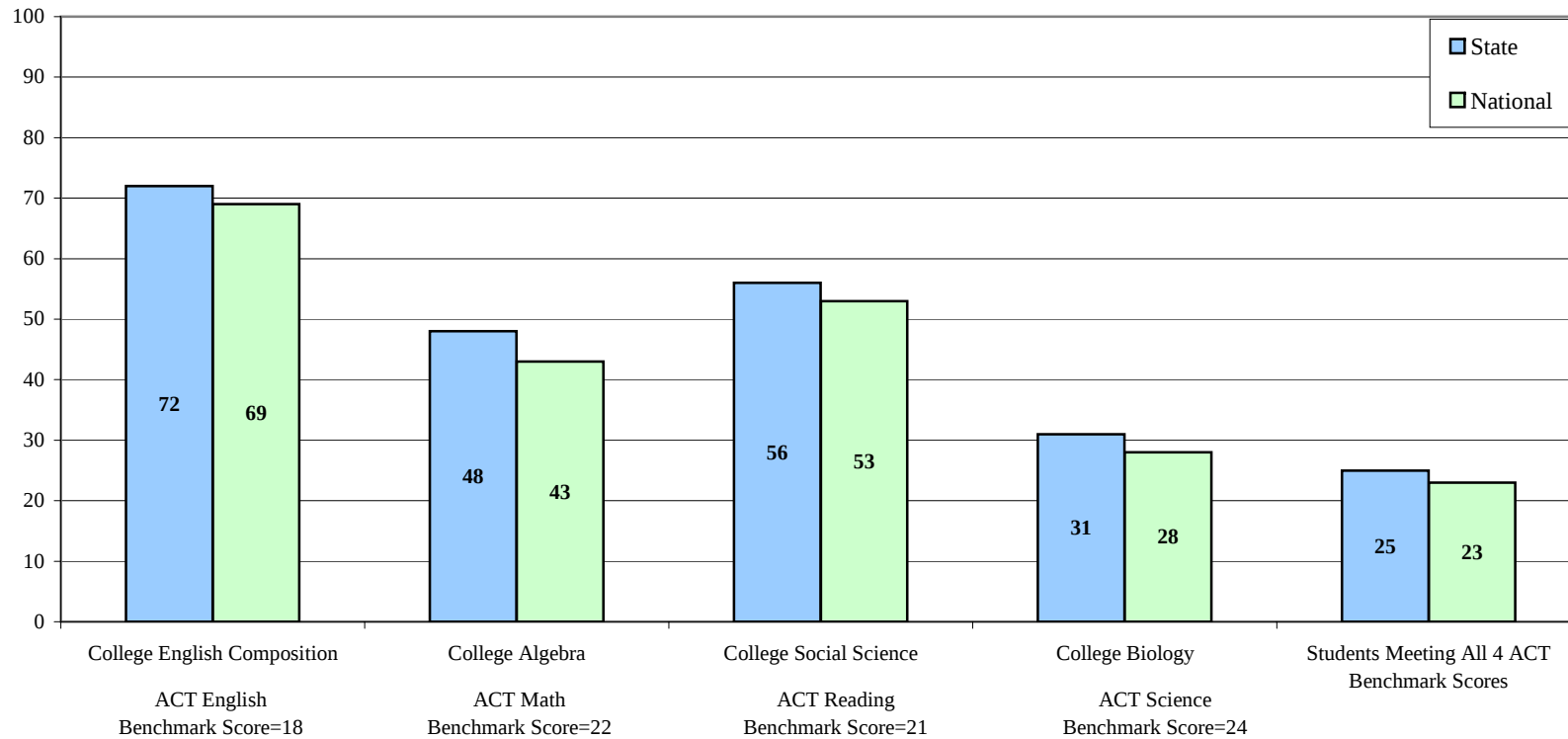
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

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 course.

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
2003	395	1,175,059	66	67	40	40	52	52	26	26	22	20
2004	415	1,171,460	69	68	46	40	57	52	29	26	24	21
2005	377	1,186,251	68	68	37	41	50	51	25	26	22	21
2006	471	1,206,455	70	69	44	42	57	53	26	27	22	21
2007	742	1,300,599	72	69	48	43	56	53	31	28	25	23

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
2003	395	1,175,059	20.3	20.3	20.6	20.6	21.2	21.2	20.8	20.8	20.8	20.8
2004	415	1,171,460	20.7	20.4	21.4	20.7	22.0	21.3	21.3	20.9	21.5	20.9
2005	377	1,186,251	20.2	20.4	20.5	20.7	21.4	21.3	20.6	20.9	20.8	20.9
2006	471	1,206,455	20.7	20.6	21.3	20.8	22.1	21.4	21.0	20.9	21.4	21.1
2007	742	1,300,599	21.2	20.7	21.6	21.0	21.9	21.5	21.4	21.0	21.7	21.2

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
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

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
					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	Core or More	Less than Core	Core or More	Less than Core
2003	234	125	59	32	20.7	19.1	20.7	19.8	21.7	20.2	21.0	20.3	21.1	19.9
2004	229	128	55	31	21.1	19.8	21.6	20.8	22.1	21.9	21.6	20.8	21.7	20.9
2005	196	132	52	35	20.9	19.5	21.1	19.8	22.3	20.4	21.2	20.0	21.5	20.1
2006	243	160	52	34	20.6	20.3	21.3	20.8	22.1	21.7	21.0	20.9	21.3	21.1
2007	351	269	47	36	21.6	20.8	22.0	21.1	22.3	21.7	21.8	20.9	22.0	21.3

¹Percent 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

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	395	100	20.8	415	100	21.5	377	100	20.8	471	100	21.4	742	100	21.7
African American/Black	89	23	16.9	88	21	17.4	97	26	17.0	98	21	17.8	120	16	17.6
American Indian/Alaska Native	0	0	.	0	0	.	0	0	.	2	0	20.0	2	0	17.0
Caucasian American/White	234	59	22.0	259	62	22.4	214	57	21.9	254	54	22.7	419	56	22.4
Hispanic	11	3	21.8	9	2	23.4	8	2	22.8	17	4	18.9	19	3	23.5
Asian American/Pacific Islander	15	4	22.1	17	4	23.4	15	4	22.9	20	4	23.3	29	4	23.8
Other/No Response	46	12	21.7	42	10	22.8	43	11	22.7	80	17	21.7	153	21	22.2

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages for All Students

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	2	100	3	100	3	100	1	100	0	100	36
35	6	100	2	100	9	100	9	100	2	100	35
34	7	99	3	99	12	98	1	99	1	100	34
33	16	98	7	99	15	97	7	99	8	100	33
32	5	96	4	98	18	95	7	98	8	99	32
31	13	95	13	97	18	92	4	97	9	97	31
30	15	93	11	96	25	90	12	96	19	96	30
29	24	91	25	94	20	87	7	94	24	94	29
28	37	88	27	91	23	84	14	94	27	90	28
27	24	83	35	87	38	81	24	92	28	87	27
26	44	80	45	82	36	76	41	88	42	83	26
25	44	74	49	76	32	71	47	83	49	77	25
24	36	68	50	70	52	66	56	77	55	71	24
23	36	63	44	63	47	59	55	69	45	63	23
22	46	58	41	57	33	53	74	62	63	57	22
21	44	52	53	52	32	49	74	52	50	49	21
20	51	46	37	44	54	44	57	42	46	42	20
19	43	39	52	39	38	37	60	34	47	36	19
18	41	34	44	32	30	32	55	26	55	30	18
17	35	28	53	27	38	28	47	18	46	22	17
16	36	23	67	19	44	23	18	12	38	16	16
15	30	18	44	10	36	17	15	10	29	11	15
14	28	14	17	4	30	12	13	8	19	7	14
13	21	11	8	2	18	8	13	6	14	4	13
12	18	8	4	1	22	6	13	4	8	2	12
11	6	5	0	1	12	3	7	2	7	1	11
10	11	5	1	1	3	1	6	1	2	1	10
9	9	3	2	1	2	1	0	1	1	1	9
8	9	2	0	1	2	1	3	1	0	1	8
7	5	1	0	1	0	1	1	1	0	1	7
6	0	1	1	1	0	1	1	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	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)	21.2 (6.1)		21.6 (5.0)		21.9 (6.1)		21.4 (4.8)		21.7 (5.0)		Avg (SD)

¹Note: 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 (CP¹), 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 ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	18	100	3	100	11	100	30	100	16	100	7	100	6	100	18
17	46	98	12	100	44	99	43	96	35	98	5	99	4	99	17
16	38	91	28	98	44	93	52	90	48	93	17	98	17	99	16
15	28	86	69	94	41	87	70	83	56	87	36	96	44	96	15
14	65	82	67	85	42	81	53	74	78	79	51	91	68	90	14
13	55	74	65	76	55	75	56	67	65	69	96	84	83	81	13
12	56	66	82	67	94	68	76	59	75	60	80	71	81	70	12
11	61	59	91	56	62	55	51	49	66	50	87	61	94	59	11
10	81	51	85	44	63	47	78	42	79	41	132	49	109	46	10
9	59	40	60	32	80	39	57	31	47	30	67	31	107	32	9
8	67	32	75	24	72	28	47	24	69	24	60	22	43	17	8
7	57	23	40	14	50	18	37	17	68	15	36	14	28	12	7
6	36	15	30	9	31	11	56	12	26	5	24	9	18	8	6
5	38	10	15	5	18	7	26	5	8	2	21	6	14	5	5
4	20	5	15	3	19	5	5	1	0	1	9	3	9	4	4
3	12	2	4	1	8	2	5	1	3	1	10	2	11	2	3
2	5	1	1	1	6	1	0	1	3	1	0	1	3	1	2
1	0	1	0	1	2	1	0	1	0	1	4	1	3	1	1
Avg (SD)	10.7 (3.8)		10.9 (3.1)		10.8 (3.7)		11.5 (3.7)		11.5 (3.4)		10.6 (3.0)		10.8 (3.0)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	26	25	26	24	25
Q2 (50th Percentile)	21	21	22	21	22
Q1 (25th Percentile)	17	17	17	18	18

Table 2.4. 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	742	47	22.0	21.3
	African Am./Black	120	42	18.5	17.1
	Am. Indian/Alaska Native	2	0	.	14.0
	Caucasian Am./White	419	52	22.7	22.4
	Hispanic	19	63	22.9	24.4
	Asian Am./Pacific Islander	29	55	22.9	22.7
	Other/No Response	153	37	22.0	21.7
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.2	21.6	21.9	21.4	21.7
	African Am./Black	16.3	17.7	17.8	17.9	17.6
	Am. Indian/Alaska Native	14.5	17.5	19.5	17.0	17.0
	Caucasian Am./White	22.2	22.1	22.7	22.1	22.4
	Hispanic	22.1	23.2	24.4	23.2	23.5
	Asian Am./Pacific Islander	23.4	25.3	22.9	23.2	23.8
	Other/No Response	22.0	22.2	22.5	21.5	22.2
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

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	31	4	15	2	39	5	18	2
	28 to 32	94	13	80	11	104	14	44	6
	24 to 27	148	20	179	24	158	21	168	23
	20 to 23	177	24	175	24	166	22	260	35
	16 to 19	155	21	216	29	150	20	180	24
	13 to 15	79	11	69	9	84	11	41	6
	01 to 12	58	8	8	1	41	6	31	4
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	279	38	20.5	22.2	21.3	21.7	21.6
	Females	400	54	21.6	21.0	22.1	21.1	21.6
	Missing	63	8	22.2	22.3	23.3	21.8	22.5
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

Table 2.8. 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	68	50	51	37	28
	Females	74	47	57	26	22
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

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

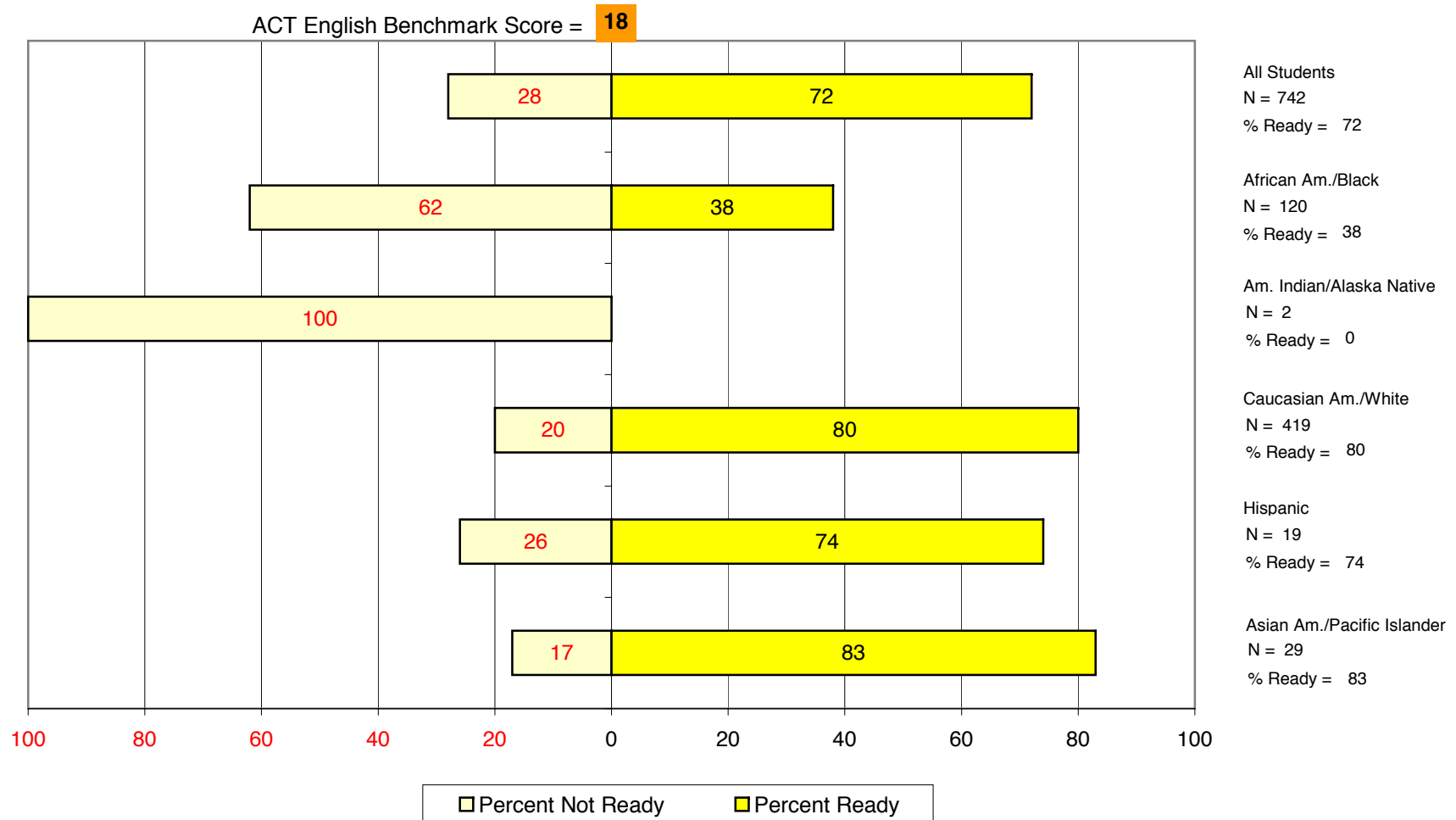


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

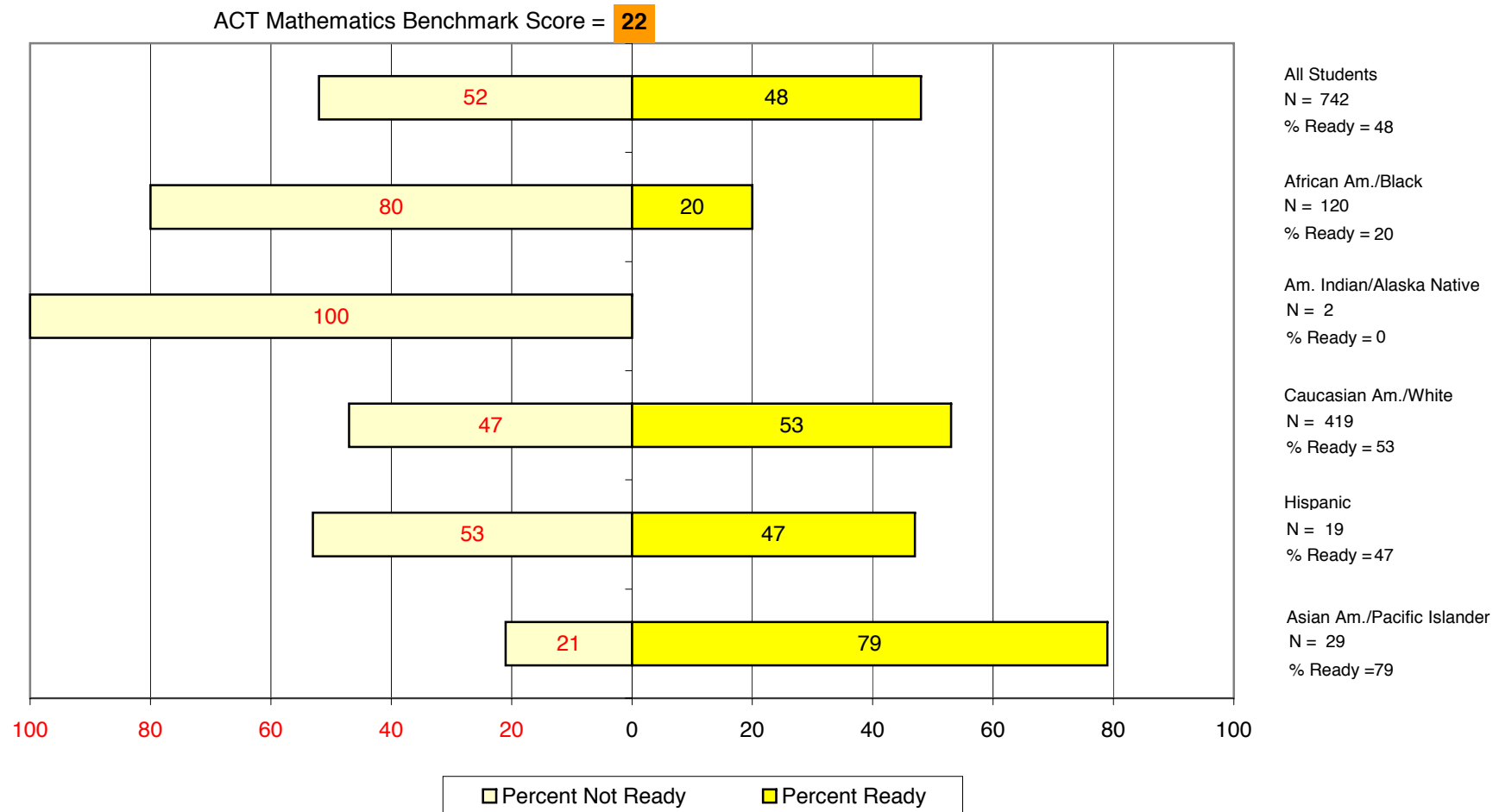


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

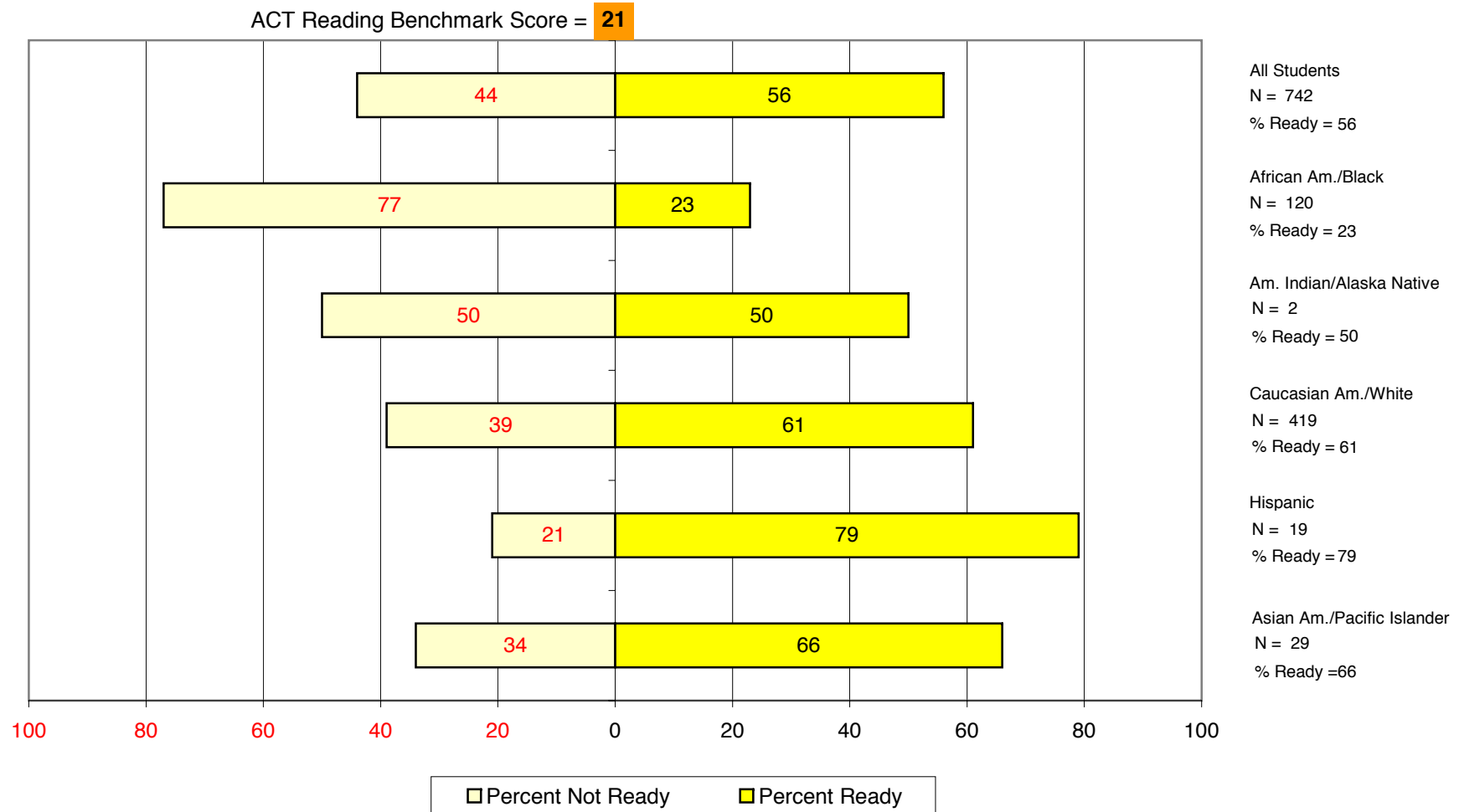


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

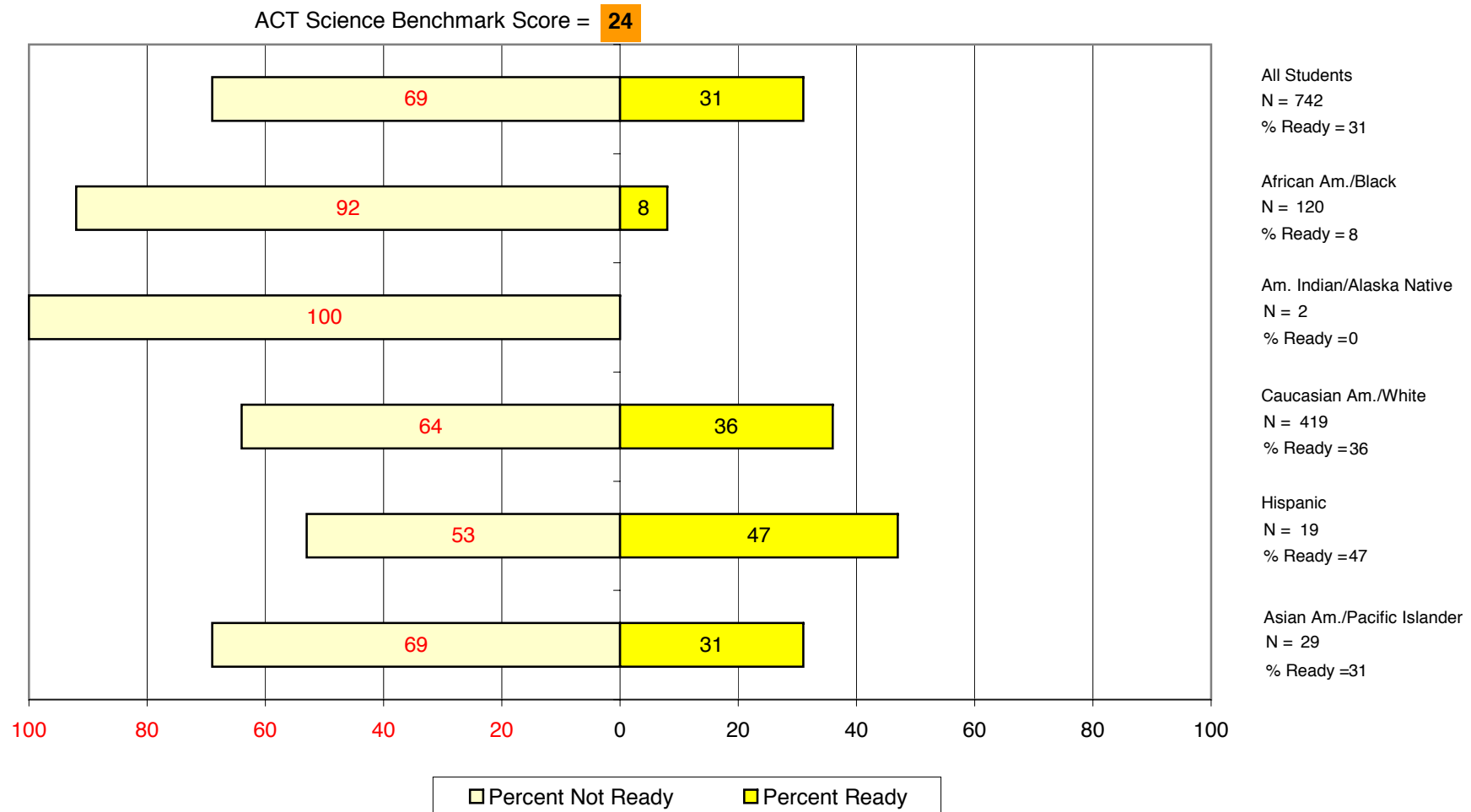


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

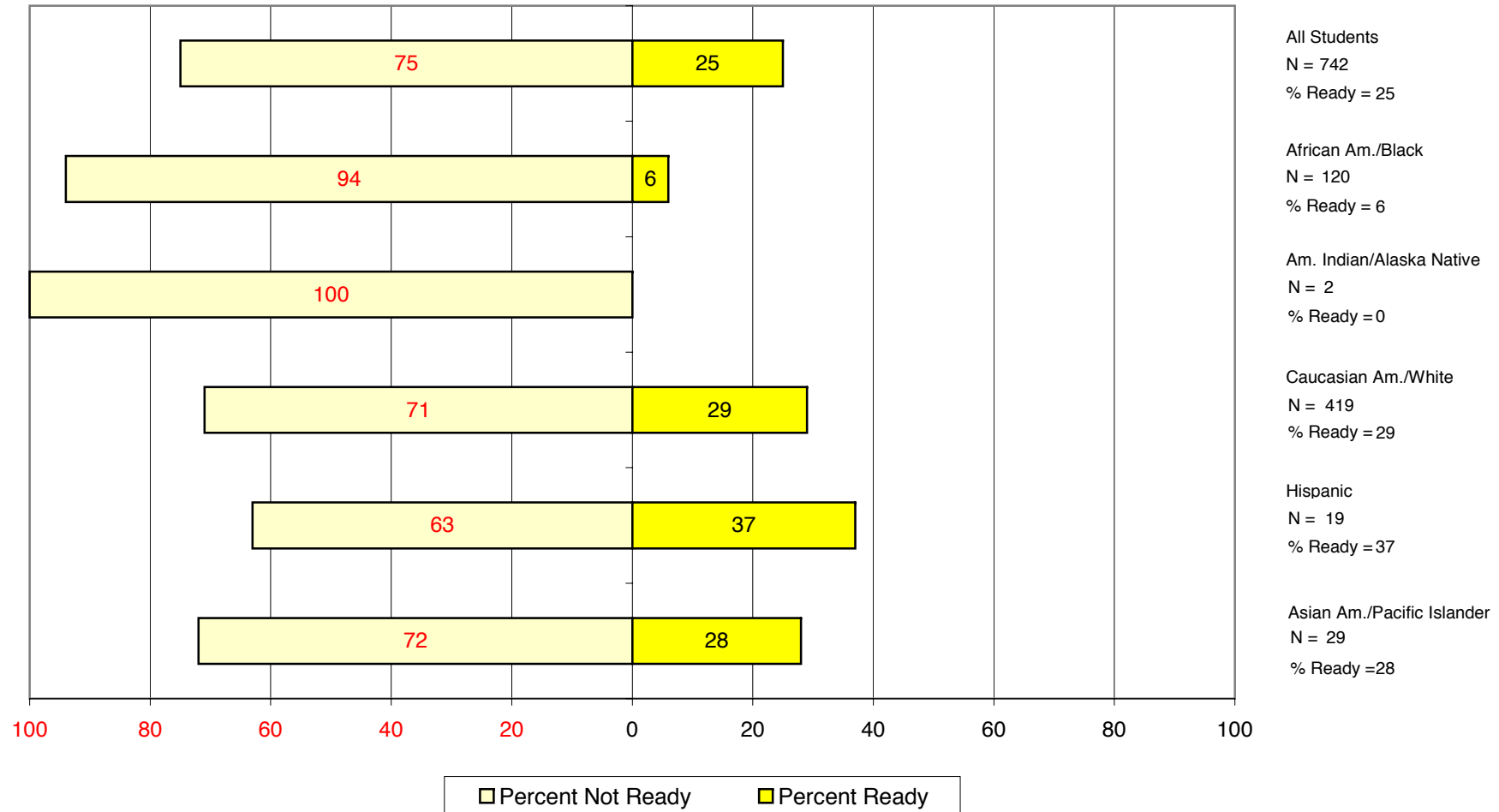


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added 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	73	10	23.1	1.8	24	9	22.8	3.4	45	11	23.1	1.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	456	61	21.0	-0.3	176	63	20.5	1.1	253	63	21.3	-0.6
Less than 4 years of English	83	11	21.3	-	31	11	19.4	-	46	12	21.9	-
No English course/grade information reported	130	18	21.1	-	48	17	20.1	-	56	14	21.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	59	8	25.2	5.8	29	10	25.8	7.0	27	7	24.9	5.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	44	6	22.0	2.6	13	5	22.5	3.7	30	8	21.5	2.1
Alg 1, Alg 2, Geom, & Trig	52	7	20.1	0.7	17	6	21.3	2.5	33	8	19.7	0.3
Alg 1, Alg 2, Geom, & Other Adv Math	93	13	20.2	0.8	31	11	21.0	2.2	58	15	19.8	0.4
Other comb of 4 or more years of Math	152	20	24.3	4.9	60	22	25.8	7.0	80	20	23.2	3.8
Alg 1, Alg 2, & Geom (Min. Core)	60	8	17.5	-1.9	22	8	18.0	-0.8	32	8	17.2	-2.2
Other comb of 3 or 3.5 years of Math	44	6	22.8	3.4	17	6	21.7	2.9	24	6	23.8	4.4
Less than 3 years of Math	107	14	19.4	-	42	15	18.8	-	59	15	19.4	-
No Math course/grade information reported	131	18	21.3	-	48	17	21.4	-	57	14	20.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	28	4	22.0	-0.6	15	5	21.1	-0.6	12	3	23.3	0.2
Other comb of 4 or more years Social Science	178	24	21.8	-0.8	67	24	21.3	-0.4	104	26	22.3	-0.8
US Hist, World Hist, & Am Gov (Min. Core)	42	6	21.6	-1.0	14	5	23.4	1.7	25	6	20.3	-2.8
Other comb of 3 or 3.5 years of Social Science	173	23	21.9	-0.7	73	26	21.6	-0.1	91	23	21.9	-1.2
Less than 3 years of Social Science	186	25	22.6	-	58	21	21.7	-	110	28	23.1	-
No Soc Sci course/grade information reported	135	18	21.3	-	52	19	20.2	-	58	15	20.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	301	41	21.9	1.8	120	43	22.3	3.2	166	42	21.6	1.3
Bio, Chem, Phys	47	6	23.7	3.6	22	8	24.1	5.0	21	5	23.0	2.7
Gen Sci ² , Bio, Chem (Min. Core)	158	21	20.6	0.5	51	18	20.9	1.8	99	25	20.6	0.3
Other comb of 3 years of Natural Science	12	2	20.8	0.7	6	2	22.5	3.4	4	1	17.5	-2.8
Less than 3 years of Natural Science	85	11	20.1	-	29	10	19.1	-	49	12	20.3	-
No Nat Sci course/grade information reported	139	19	21.3	-	51	18	21.3	-	61	15	20.8	-

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.

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	73	10	23.1	81	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	456	61	21.0	72	766,001	59	20.5	68
Less than 4 years of English	83	11	21.3	65	141,777	11	19.7	64
No English course/grade information reported	130	18	21.1	72	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	59	8	25.2	83	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	44	6	22.0	50	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	52	7	20.1	38	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	93	13	20.2	37	163,562	13	20.4	38
Other comb of 4 or more years of Math	152	20	24.3	72	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	60	8	17.5	17	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	44	6	22.8	59	57,945	4	20.9	43
Less than 3 years of Math	107	14	19.4	29	145,617	11	18.3	21
No Math course/grade information reported	131	18	21.3	44	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	28	4	22.0	54	31,985	2	22.7	61
Other comb of 4 or more years Social Science	178	24	21.8	55	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	42	6	21.6	50	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	173	23	21.9	58	333,689	26	21.4	52
Less than 3 years of Social Science	186	25	22.6	60	201,605	16	20.6	47
No Soc Sci course/grade information reported	135	18	21.3	50	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	301	41	21.9	36	333,648	26	22.4	40
Bio, Chem, Phys	47	6	23.7	51	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	158	21	20.6	23	353,348	27	20.2	20
Other comb of 3 years of Natural Science	12	2	20.8	25	32,593	3	20.4	24
Less than 3 years of Natural Science	85	11	20.1	20	247,312	19	19.1	15
No Nat Sci course/grade information reported	139	19	21.3	29	218,401	17	20.9	29

¹Includes 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 ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	8	1	21.8	0	0	.	7	1	22.0
Architecture & Environmental Design	9	1	18.3	0	0	.	9	2	18.3
Business & Management	51	7	19.6	1	17	17.0	50	9	19.7
Business & Office	1	0	16.0	0	0	.	1	0	16.0
Marketing & Distribution	2	0	23.0	0	0	.	1	0	20.0
Communications & Comm. Technologies	21	3	22.3	0	0	.	21	4	22.3
Community & Personal Services	8	1	14.6	0	0	.	6	1	15.3
Computer & Information Sciences	11	1	23.9	0	0	.	11	2	23.9
Cross-Disciplinary Studies	3	0	28.3	0	0	.	3	1	28.3
Education	27	4	20.7	0	0	.	27	5	20.7
Teacher Education	14	2	17.4	0	0	.	12	2	18.2
Engineering	25	3	23.2	0	0	.	23	4	23.2
Engineering-Related Technologies	8	1	21.8	0	0	.	8	1	21.8
Foreign Languages	3	0	22.0	0	0	.	3	1	22.0
Health Sciences & Allied Health Fields	83	11	21.7	3	50	18.7	79	14	21.9
Human, Family & Consumer Science	5	1	19.6	0	0	.	5	1	19.6
Letters	3	0	24.7	0	0	.	3	1	24.7
Mathematics	3	0	24.7	0	0	.	3	1	24.7
Philosophy, Religion & Theology	4	1	19.0	0	0	.	4	1	19.0
Sciences (Biological & Physical)	44	6	23.0	1	17	18.0	41	7	23.1
Social Sciences	53	7	23.0	0	0	.	53	9	23.0
Trade & Industrial	0	0	.	0	0	.	0	0	.
Visual & Performing Arts	21	3	21.5	0	0	.	21	4	21.5
Undecided	97	13	20.9	1	17	16.0	90	16	21.1
No Response	238	32	22.1	0	0	.	92	16	21.9

¹2-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*.

²Percent 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/ Alaska 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	0	.	0	.	0	.	0	.	0	.	0	.	0	.
2-yr College Degree	6	17.8	1	16.0	0	.	4	18.3	0	.	0	.	1	18.0
Bachelors Degree	202	19.9	29	16.1	1	14.0	132	21.1	5	18.4	1	19.0	34	18.9
Graduate Study	149	21.6	28	17.4	0	.	91	22.6	3	21.0	3	16.0	24	23.3
Prof. Level Degree	222	23.2	42	18.9	0	.	116	24.4	9	26.4	18	24.8	37	22.6
Other	9	17.0	2	18.0	0	.	4	16.5	0	.	1	16.0	2	17.5
No Response	154	22.2	18	17.3	1	20.0	72	21.9	2	26.5	6	27.0	55	23.6

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF DELAWARE	Delaware	222	103	119	1	7	26	31	24	9	1
DELAWARE STATE UNIVERSITY	Delaware	64	25	39	9	25	38	20	5	3	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	41	5	36	0	2	17	34	27	17	2
WESLEY COLLEGE	Delaware	38	9	29	11	13	37	32	8	0	0
DELAWARE TECH & COMM COLL-TERRY CAMPUS	Delaware	29	10	19	7	0	52	31	7	3	0
YORK COLLEGE OF PENNSYLVANIA	Pennsylvania	27	3	24	0	4	30	44	15	7	0
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	Pennsylvania	26	7	19	4	4	42	38	12	0	0
TEMPLE UNIVERSITY	Pennsylvania	25	8	17	0	28	32	20	16	4	0
WILMINGTON COLLEGE	Delaware	25	1	24	12	8	36	32	8	4	0
DELAWARE TECH & COMM COLL-STANTON/WILM	Delaware	24	11	13	13	21	42	25	0	0	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	24	6	18	0	8	17	46	17	13	0
HAMPTON UNIVERSITY	Virginia	21	8	13	5	33	33	19	10	0	0
SALISBURY UNIVERSITY	Maryland	21	7	14	0	14	19	48	14	5	0
VIRGINIA TECH	Virginia	21	2	19	0	5	19	33	29	10	5
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	20	9	11	5	10	40	20	15	10	0
WEST VIRGINIA UNIVERSITY	West Virginia	20	8	12	0	5	45	35	15	0	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	19	6	13	0	0	5	21	21	42	11
HOWARD UNIVERSITY	District of Columbia	18	6	12	6	17	33	22	22	0	0
TOWSON UNIVERSITY	Maryland	18	4	14	0	6	39	28	17	11	0
DREXEL UNIVERSITY	Pennsylvania	17	3	14	0	18	12	24	18	29	0
JAMES MADISON UNIVERSITY	Virginia	16	4	12	0	0	31	19	44	6	0
ELON UNIVERSITY	North Carolina	15	1	14	0	0	20	7	53	20	0
MORGAN STATE UNIVERSITY	Maryland	15	4	11	27	13	33	27	0	0	0
UNIV OF VIRGINIA-MAIN CAMPUS	Virginia	15	5	10	0	0	7	20	33	33	7
NEW YORK UNIVERSITY	New York	14	5	9	0	0	14	29	21	36	0
DELAWARE TECH & COMM COLL-OWENS CAMPUS	Delaware	13	5	8	8	38	23	15	15	0	0
RUTGERS THE ST UNIV OF NEW JERSEY	New Jersey	13	3	10	0	8	46	15	31	0	0
UNIVERSITY OF MIAMI	Florida	13	3	10	0	0	23	8	54	15	0
VILLANOVA UNIVERSITY	Pennsylvania	13	3	10	0	8	8	38	31	15	0
LEHIGH UNIVERSITY	Pennsylvania	12	1	11	0	0	8	17	58	17	0
All Other Institutions		957	242	715	2	7	24	28	24	13	2
Total		1,816	517	1,299	3	8	26	28	22	11	1

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	State	National
All Students	493	532,943	22.0	22.3	8.0	7.6	22.0	21.8
African Am./Black	68	50,340	16.8	17.2	7.4	6.7	17.5	17.3
Am. Indian/Alaska Native	2	3,462	14.5	19.8	5.5	7.0	14.0	19.4
Caucasian Am./White	282	308,578	22.8	23.4	8.2	7.6	22.7	22.6
Hispanic	12	42,588	23.9	18.8	8.1	7.3	23.4	19.0
Asian Am./Pacific Islander	25	25,616	23.6	23.2	8.3	8.0	23.4	22.8
Other/No Response	104	102,359	22.9	23.2	8.1	7.8	22.8	22.7
Males	178	204,427	21.5	22.0	7.8	7.3	21.4	21.3
Females	271	285,556	22.2	22.5	8.2	7.7	22.3	22.1
Missing	44	42,960	23.1	23.0	8.3	7.8	23.1	22.6

