

ACT Profile Report - State

Graduating Class 2011
Delaware



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This report provides information about the performance of your 2011 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2011 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

Total Students in Report: 1,481

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

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: 1,481 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. 79% 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 3% of the cohort took less than three years of math courses. Of these students, 18% were college ready. 4% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 60% 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. 10% of these students were college ready. In comparison, 40% 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 35% 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 404-231-1952.

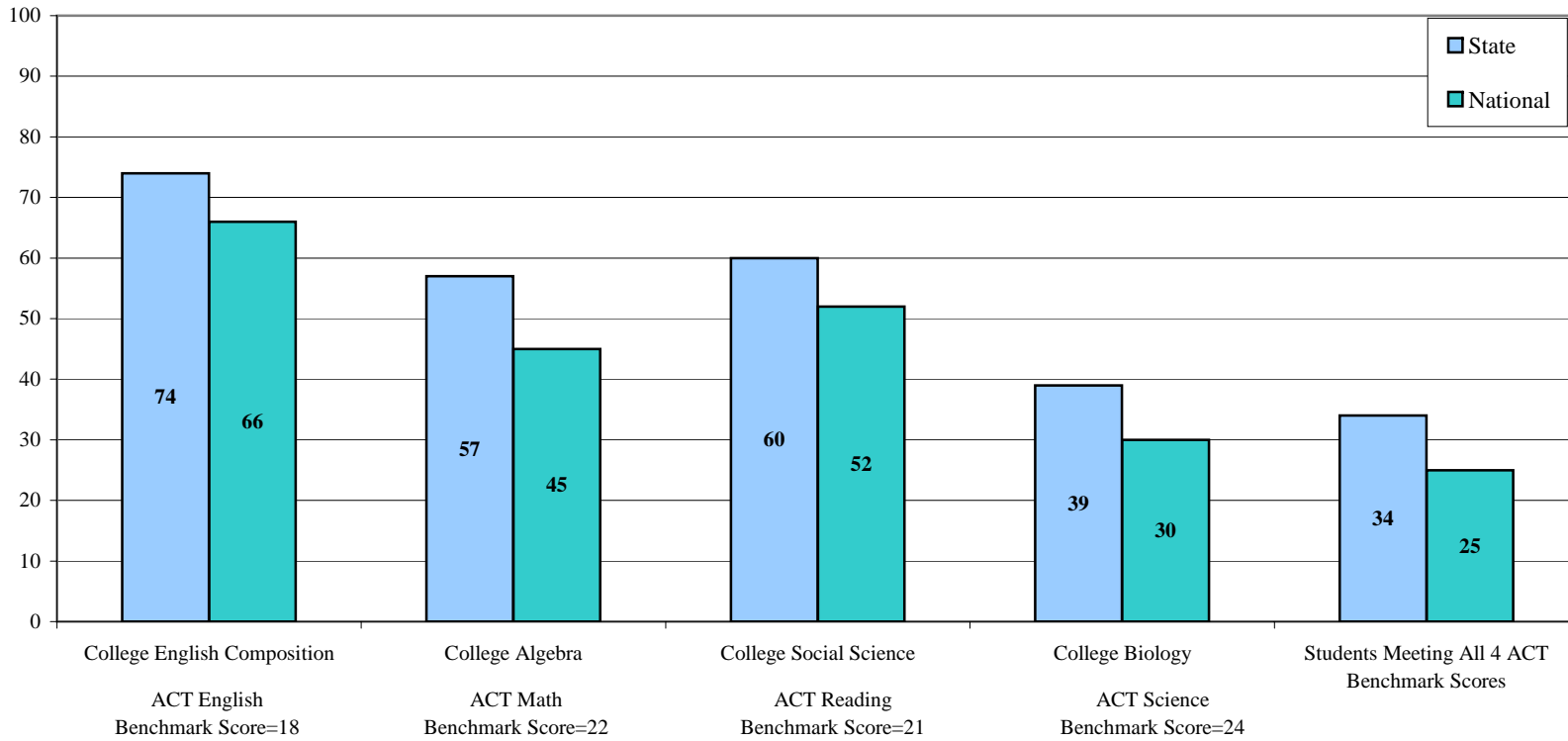
Section I

Executive Summary

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

Total Students in Report: 1,481

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: 1,481

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2007	742	1,300,599	72	69	48	43	56	53	31	28	25	23
2008	986	1,421,941	77	68	55	43	62	53	37	28	31	22
2009	1,060	1,480,469	77	67	55	42	64	53	37	28	31	23
2010	1,213	1,568,835	80	66	57	43	64	52	40	29	35	24
2011	1,481	1,623,112	74	66	57	45	60	52	39	30	34	25

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2007	742	1,300,599	21.2	20.7	21.6	21.0	21.9	21.5	21.4	21.0	21.7	21.2
2008	986	1,421,941	22.2	20.6	22.5	21.0	23.1	21.4	22.0	20.8	22.6	21.1
2009	1,060	1,480,469	22.2	20.6	22.5	21.0	23.1	21.4	22.0	20.9	22.6	21.1
2010	1,213	1,568,835	22.8	20.5	22.7	21.0	23.4	21.3	22.5	20.9	23.0	21.0
2011	1,481	1,623,112	22.0	20.6	22.4	21.1	22.7	21.3	22.0	20.9	22.4	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1

Total Students in Report: 1,481

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2007	351	269	47	36	21.6	20.8	22.0	21.1	22.3	21.7	21.8	20.9	22.0	21.3
2008	629	272	64	28	22.0	22.2	22.3	22.3	22.9	22.8	21.9	21.6	22.4	22.3
2009	852	199	80	19	22.3	21.8	22.6	22.0	23.1	23.0	22.1	21.6	22.7	22.2
2010	971	235	80	19	22.6	23.7	22.6	23.5	23.2	24.3	22.4	23.1	22.8	23.7
2011	1,172	288	79	19	22.1	21.7	22.5	22.2	22.8	22.2	22.1	21.7	22.5	22.1

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

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

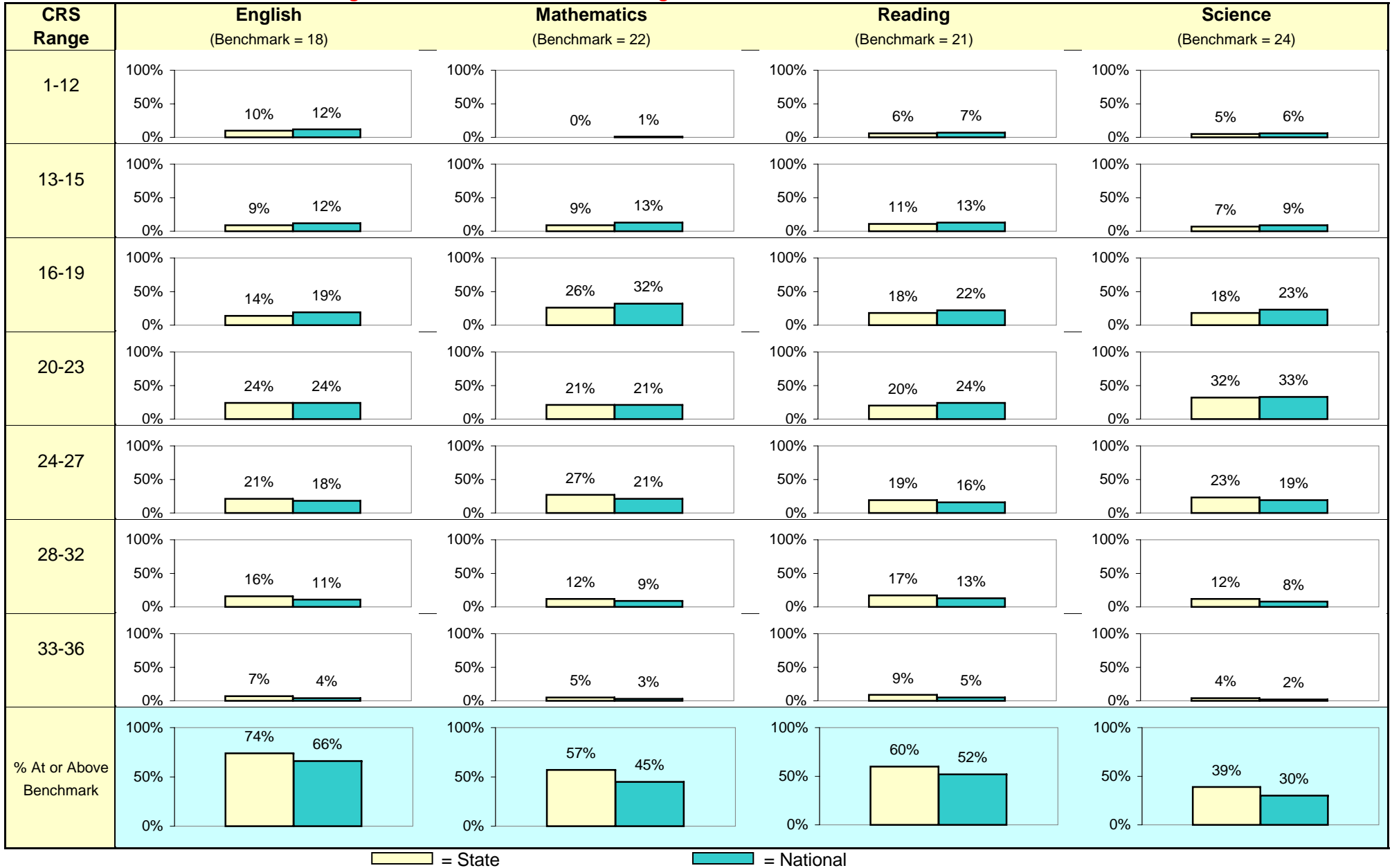
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	742	100	21.7	986	100	22.6	1,060	100	22.6	1,213	100	23.0	1,481	100	22.4
Black/African American	120	16	17.6	128	13	18.2	170	16	18.5	193	16	18.3	252	17	17.3
American Indian/Alaska Native	2	0	17.0	2	0	29.0	4	0	19.3	4	0	19.5	4	0	20.3
White	419	56	22.4	654	66	23.0	733	69	23.3	836	69	23.9	972	66	23.5
Hispanic/Latino	19	3	23.5	30	3	21.4	20	2	21.9	40	3	22.7	59	4	21.0
Asian	29	4	23.8	49	5	24.8	36	3	26.4	55	5	26.6	62	4	27.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	7	0	20.1
Two or more races	9	1	18.0	19	2	21.6	27	3	23.1	30	2	22.5	58	4	22.1
Prefer not to respond/No response	144	19	22.4	104	11	24.8	70	7	22.8	55	5	23.4	67	5	22.8

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

Total Students in Report: 1,481

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



Section II

Academic Achievement

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

Total Students in Report: 1,481

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	9	100	6	100	22	100	8	100	1	100	36
35	29	99	12	100	21	99	10	99	4	100	35
34	30	97	32	99	46	97	13	99	25	100	34
33	33	95	24	97	42	94	25	98	25	98	33
32	39	93	30	95	49	91	20	96	32	96	32
31	49	91	31	93	51	88	23	95	36	94	31
30	35	87	24	91	53	84	25	93	49	92	30
29	49	85	48	89	51	81	42	92	60	88	29
28	58	82	50	86	51	77	69	89	60	84	28
27	52	78	88	83	48	74	47	84	69	80	27
26	66	74	95	77	59	71	71	81	91	76	26
25	83	70	100	70	83	67	86	76	88	69	25
24	105	64	110	64	93	61	137	70	105	64	24
23	72	57	116	56	69	55	107	61	86	56	23
22	82	52	74	48	74	50	100	54	110	51	22
21	118	47	45	43	78	45	137	47	85	43	21
20	81	39	73	40	82	40	124	38	81	37	20
19	53	33	68	35	77	34	80	30	75	32	19
18	51	30	85	31	70	29	88	24	74	27	18
17	43	26	93	25	62	24	46	18	82	22	17
16	63	23	140	19	61	20	49	15	54	16	16
15	60	19	76	9	39	16	53	12	59	13	15
14	48	15	36	4	81	14	30	8	51	9	14
13	27	12	18	2	37	8	18	6	34	5	13
12	35	10	4	1	37	6	20	5	28	3	12
11	30	7	3	1	24	3	20	4	13	1	11
10	31	5	0	1	8	1	17	2	2	1	10
9	27	3	0	1	6	1	7	1	2	1	9
8	17	2	0	1	4	1	5	1	0	1	8
7	3	1	0	1	1	1	2	1	0	1	7
6	2	1	0	1	0	1	1	1	0	1	6
5	1	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	2	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)	22.0 (6.7)		22.4 (5.5)		22.7 (6.6)		22.0 (5.4)		22.4 (5.6)		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: 1,481

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	82	100	38	100	73	100	66	100	118	100	18	100	27	100	18
17	103	94	2	97	90	95	159	96	92	92	25	99	5	98	17
16	92	88	147	97	128	89	118	85	64	86	54	97	68	98	16
15	107	81	135	87	84	80	127	77	122	81	71	93	138	93	15
14	74	74	119	78	93	75	78	68	119	73	147	89	147	84	14
13	126	69	131	70	91	68	141	63	180	65	221	79	155	74	13
12	86	61	163	61	171	62	93	53	94	53	151	64	155	64	12
11	152	55	158	50	124	51	135	47	163	47	207	54	174	53	11
10	162	44	128	40	123	42	106	38	100	36	164	40	180	41	10
9	104	34	141	31	143	34	88	31	88	29	189	29	161	29	9
8	75	27	79	22	110	24	90	25	137	23	93	16	102	18	8
7	83	21	87	16	104	17	82	19	122	14	48	10	58	11	7
6	84	16	46	10	49	10	98	13	55	6	33	6	50	7	6
5	65	10	37	7	50	7	59	7	11	2	34	4	20	4	5
4	42	6	49	5	30	3	27	3	8	1	8	2	22	3	4
3	33	3	19	1	12	1	10	1	6	1	10	1	5	1	3
2	10	1	1	1	2	1	4	1	2	1	2	1	12	1	2
1	1	1	1	1	4	1	0	1	0	1	6	1	2	1	1
Avg (SD)	11.2 (4.1)		11.3 (3.5)		11.4 (3.8)		11.7 (4.0)		11.9 (3.6)		11.2 (3.0)		11.2 (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	26	28	25	26
Q2 (50th Percentile)	22	23	22	22	22
Q1 (25th Percentile)	17	18	18	19	18

Total Students in Report: 1,481

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	1,481	79	22.5	22.1
	Black/African American	252	69	17.6	16.6
	American Indian/Alaska Native	4	100	20.3	.
	White	972	81	23.4	24.2
	Hispanic/Latino	59	81	20.7	22.4
	Asian	62	84	27.1	27.1
	Native Hawaiian/Other Pac. Isl.	7	71	21.0	18.0
	Two or more races	58	72	21.8	22.2
	Prefer not/No Response	67	85	23.0	21.4
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

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

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

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	22.0	22.4	22.7	22.0	22.4
	Black/African American	15.9	18.3	17.4	17.3	17.3
	American Indian/Alaska Native	19.0	21.8	20.8	19.0	20.3
	White	23.5	23.3	23.9	23.0	23.5
	Hispanic/Latino	20.0	20.7	21.8	21.0	21.0
	Asian	27.0	27.9	26.9	26.3	27.2
	Native Hawaiian/Other Pac. Isl.	18.7	20.3	21.7	19.3	20.1
	Two or more races	21.6	21.8	22.6	22.2	22.1
	Prefer not/No Response	22.5	23.3	22.6	22.2	22.8
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

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

Total Students in Report: 1,481

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	101	7	74	5	131	9	56	4
	28 to 32	230	16	183	12	255	17	179	12
	24 to 27	306	21	393	27	283	19	341	23
	20 to 23	353	24	308	21	303	20	468	32
	16 to 19	210	14	386	26	270	18	263	18
	13 to 15	135	9	130	9	157	11	101	7
	01 to 12	146	10	7	0	82	6	73	5
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	646	44	21.7	23.3	22.4	22.7	22.6
	Females	835	56	22.3	21.8	22.9	21.5	22.3
	Missing	0	0
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	72	63	59	46	40
	Females	75	52	61	33	29
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 1,481

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	1,172	75	22.1	58	22.5	62	22.8	39	22.1	34	22.5
	Less than Core	288	68	21.7	53	22.2	55	22.2	39	21.7	34	22.1
	Missing ³	21	71	21.3	48	21.7	48	22.0	33	20.5	29	21.5
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	1,444	74	22.1	1,421	58	22.6	1,250	59	22.5	1,405	40	22.2
	Less than Core	20	65	20.0	40	18	17.4	213	65	23.8	58	10	17.5
	Missing ³	17	76	22.1	20	45	21.3	18	56	23.0	18	33	21.0
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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

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

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

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

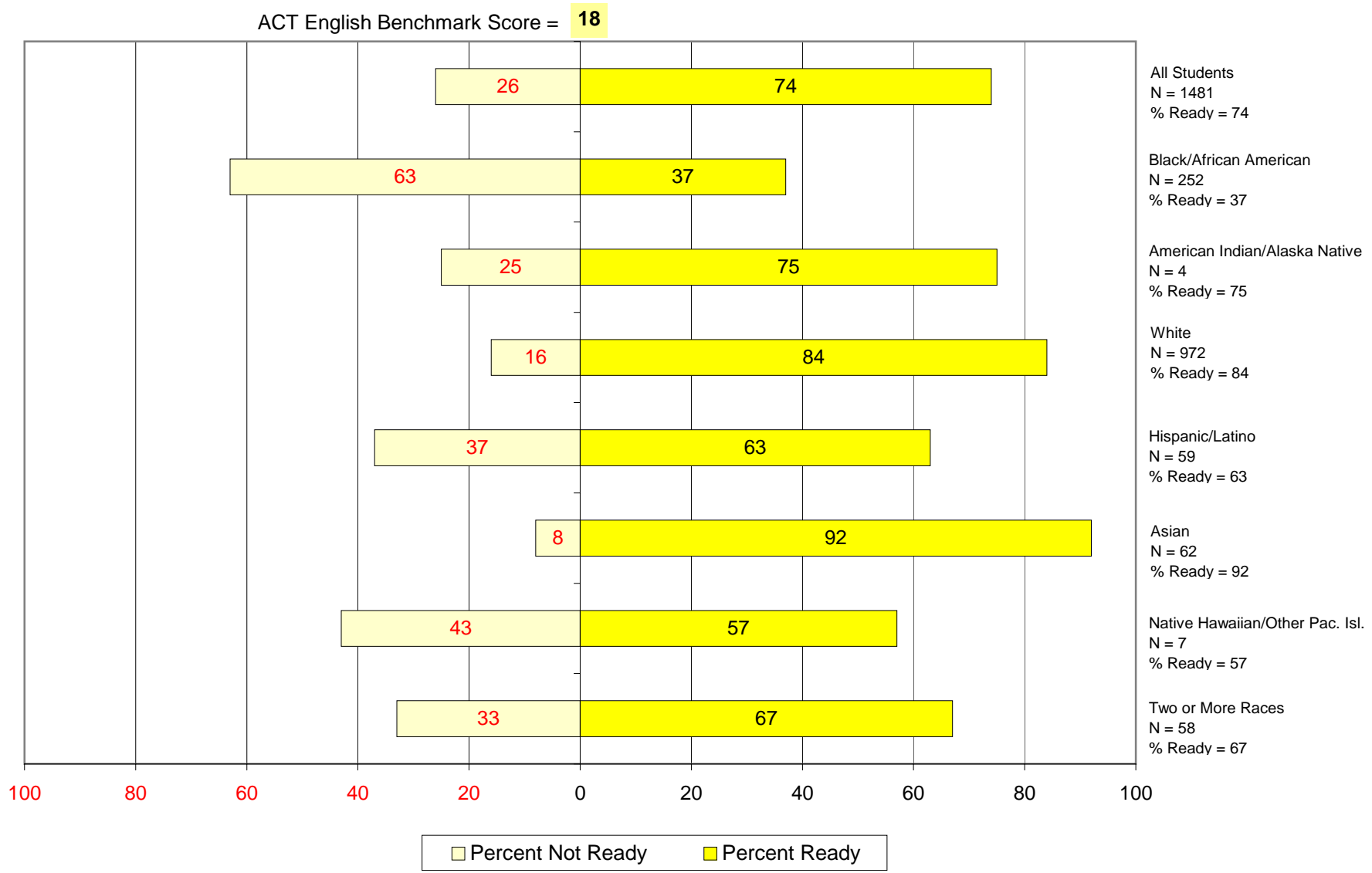
Section III

College Readiness and the Impact of Course Rigor

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

Total Students in Report: 1,481

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

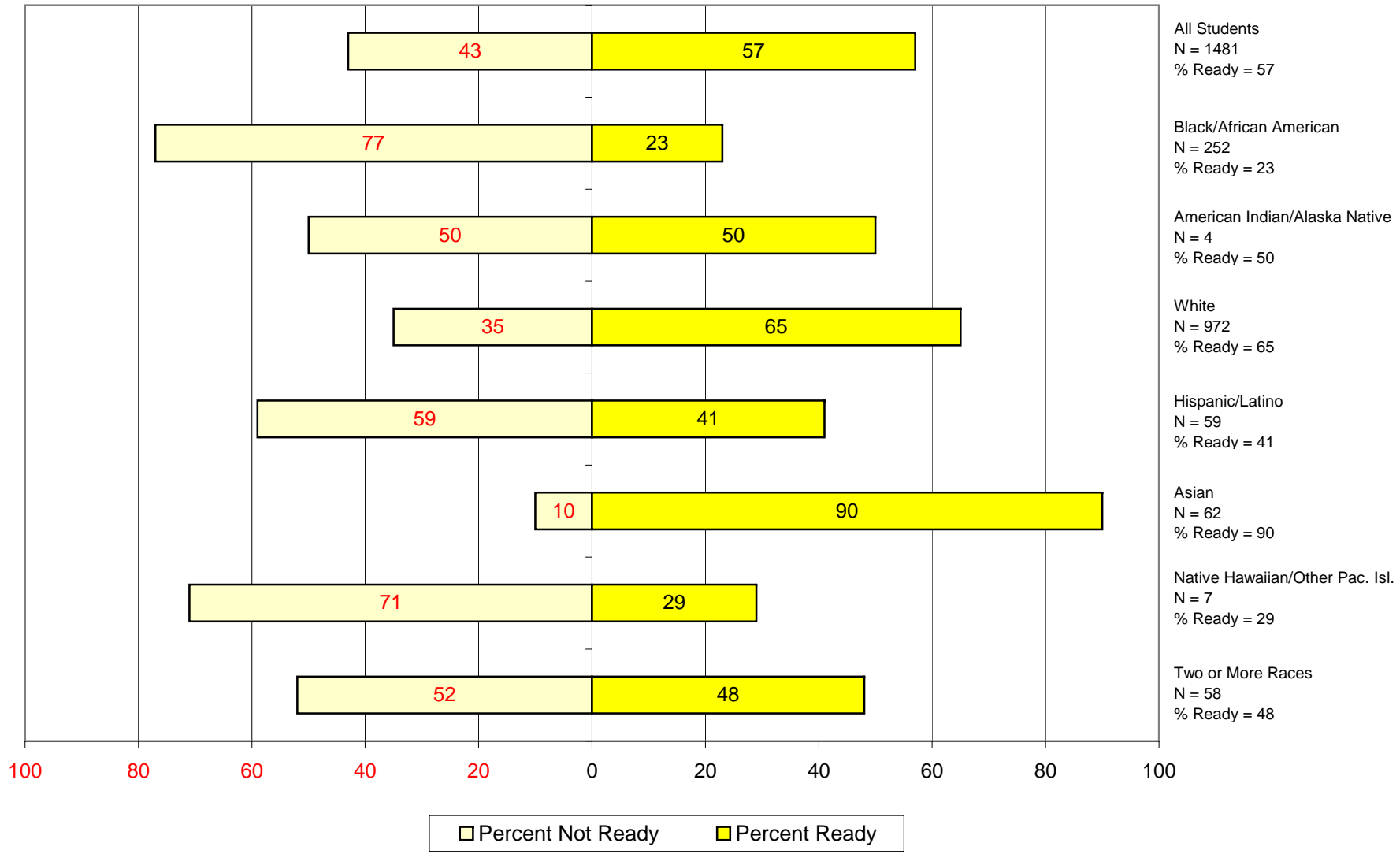


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 1,481

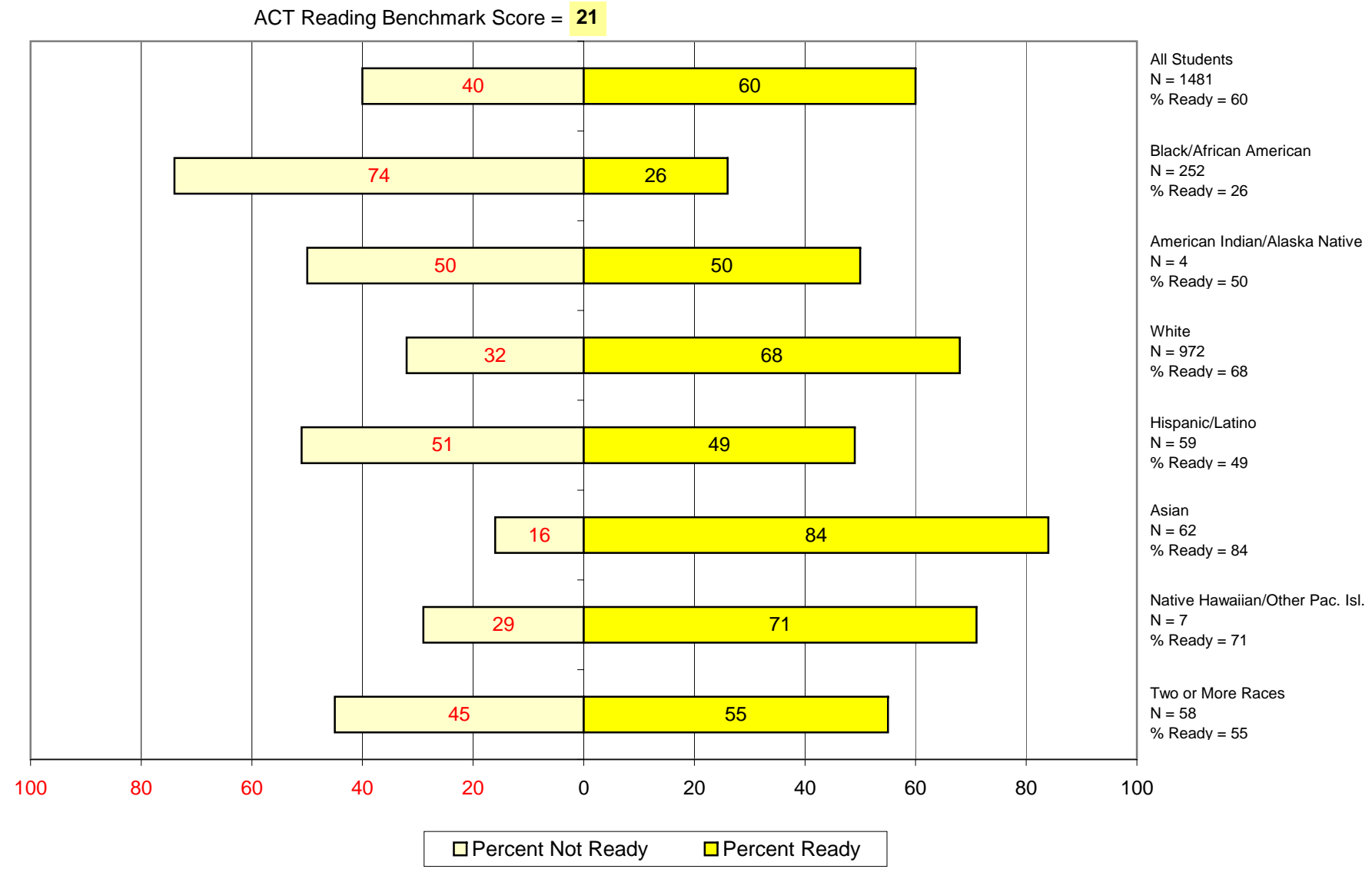
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



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

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

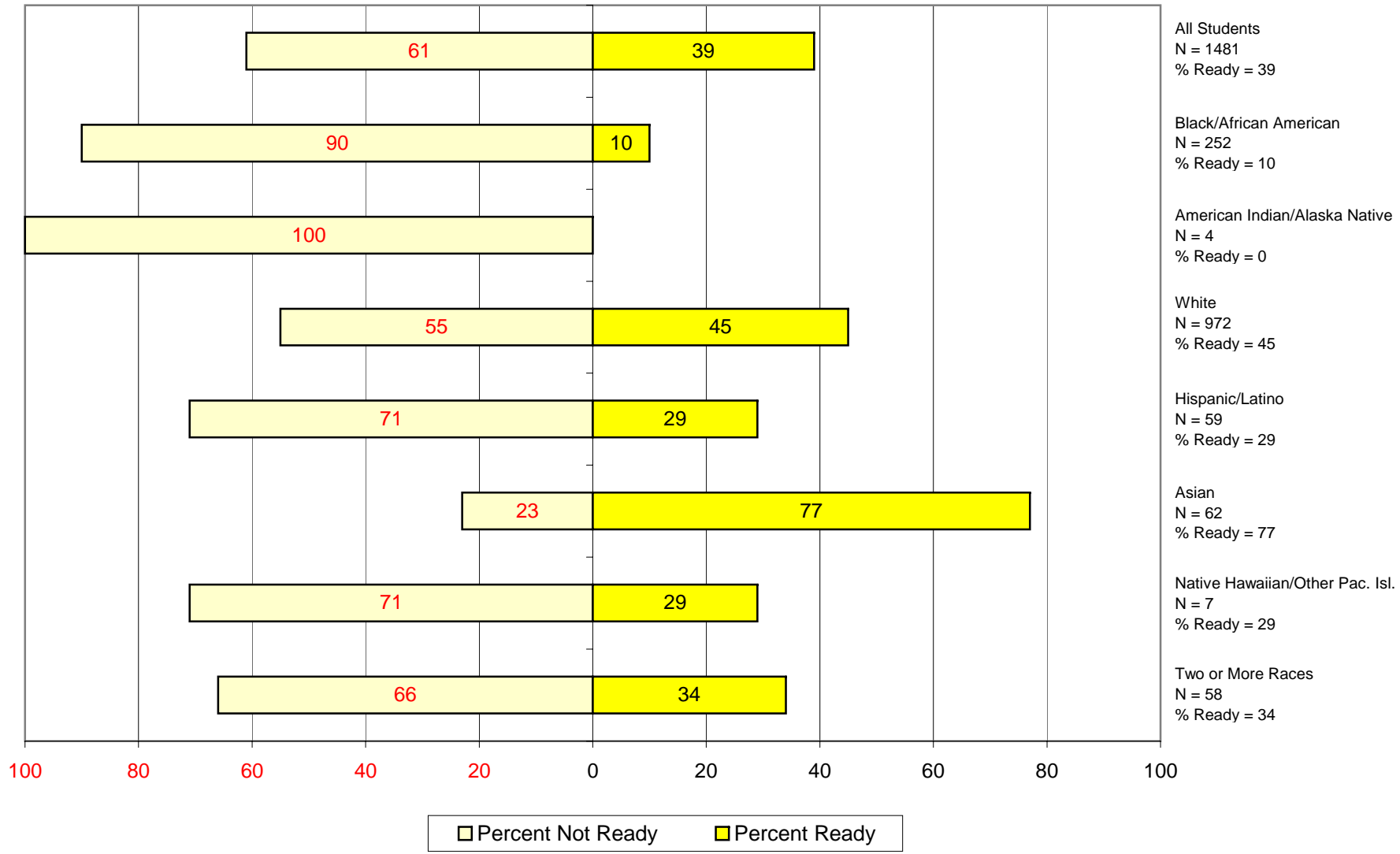


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 1,481

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

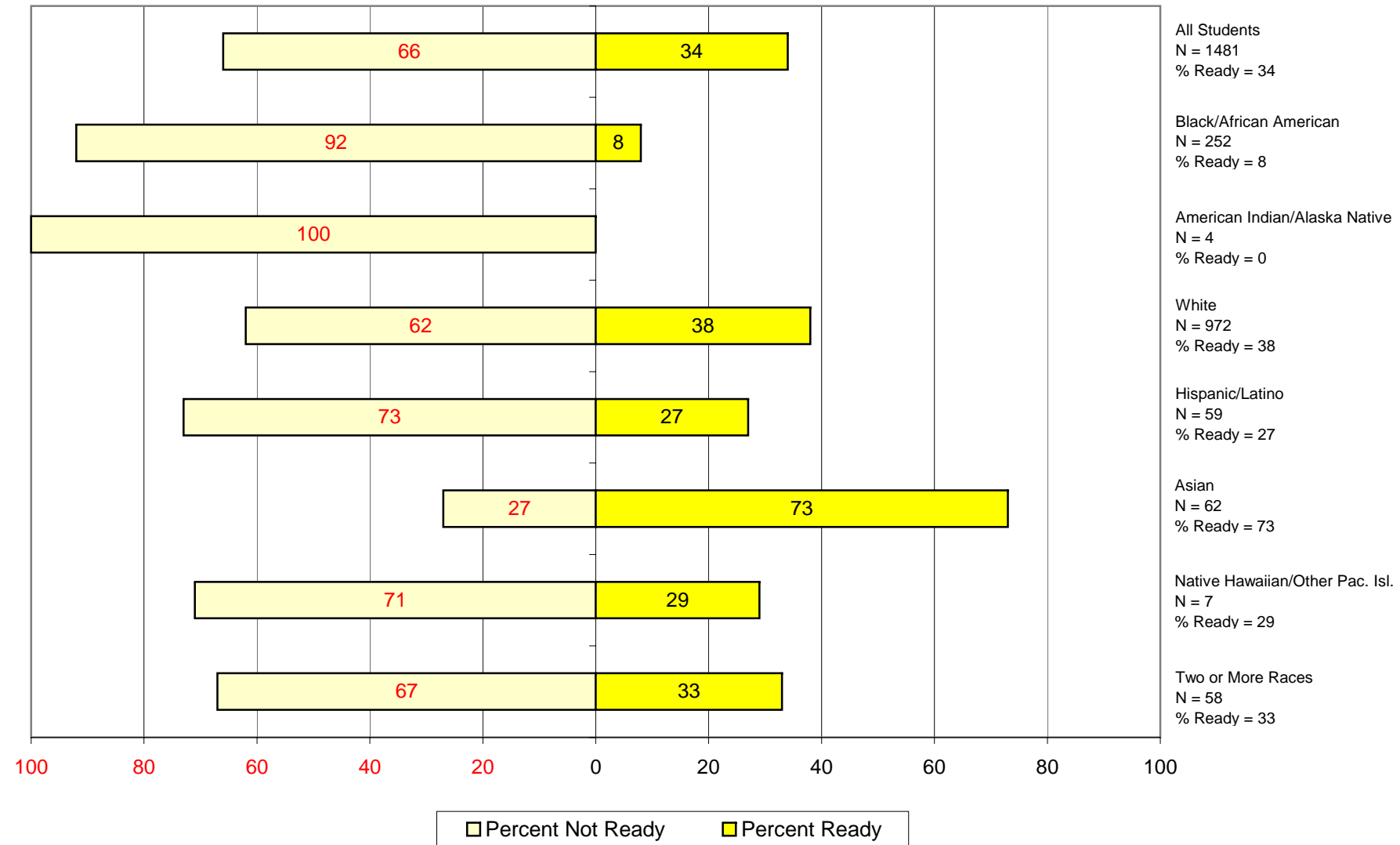
ACT Science Benchmark Score = **24**



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

Total Students in Report: 1,481

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



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

Total Students in Report: 1,481

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	270	18	24.0	4.0	109	17	23.3	3.8	161	19	24.4	4.1
Eng 9, Eng 10, Eng 11, Eng 12	1,174	79	21.6	1.6	522	81	21.4	1.9	652	78	21.8	1.5
Less than 4 years of English	20	1	20.0	-	8	1	19.5	-	12	1	20.3	-
Zero years / no English courses reported	17	1	22.1	-	7	1	21.1	-	10	1	22.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	152	10	24.3	6.9	78	12	24.8	7.1	74	9	23.9	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	158	11	21.1	3.7	48	7	21.3	3.6	110	13	21.0	3.7
Alg 1, Alg 2, Geom, & Trig	74	5	19.0	1.6	33	5	20.1	2.4	41	5	18.0	0.7
Alg 1, Alg 2, Geom, & Other Adv Math	201	14	19.0	1.6	83	13	19.0	1.3	118	14	19.1	1.8
Other comb of 4 or more years of Math	697	47	24.7	7.3	332	51	25.5	7.8	365	44	24.1	6.8
Alg 1, Alg 2, & Geom	65	4	17.4	0.0	24	4	17.2	-0.5	41	5	17.5	0.2
Other comb of 3 or 3.5 years of Math	74	5	19.8	2.4	28	4	21.5	3.8	46	6	18.8	1.5
Less than 3 years of Math	40	3	17.4	-	13	2	17.7	-	27	3	17.3	-
Zero years / no Math courses reported	20	1	21.3	-	7	1	23.6	-	13	2	20.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	64	4	23.2	-0.6	41	6	21.8	-1.5	23	3	25.7	1.5
Other comb of 4 or more years Social Science	709	48	22.1	-1.7	309	48	21.9	-1.4	400	48	22.2	-2.0
US Hist, World Hist, & Am Gov	67	5	23.5	-0.3	33	5	23.5	0.2	34	4	23.5	-0.7
Other comb of 3 or 3.5 years of Social Science	410	28	22.9	-0.9	165	26	22.7	-0.6	245	29	23.0	-1.2
Less than 3 years of Social Science	213	14	23.8	-	90	14	23.3	-	123	15	24.2	-
Zero years / no Social Science courses reported	18	1	23.0	-	8	1	22.8	-	10	1	23.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	987	67	22.9	5.4	443	69	23.4	6.5	544	65	22.4	4.7
Bio, Chem, Phys	122	8	24.0	6.5	69	11	25.2	8.3	53	6	22.4	4.7
Gen Sci ² , Bio, Chem	280	19	19.4	1.9	102	16	19.4	2.5	178	21	19.4	1.7
Other comb of 3 years of Natural Science	16	1	18.8	1.3	7	1	18.3	1.4	9	1	19.1	1.4
Less than 3 years of Natural Science	58	4	17.5	-	18	3	16.9	-	40	5	17.7	-
Zero years / no Natural Science courses reported	18	1	21.0	-	7	1	20.0	-	11	1	21.6	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 1,481

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	270	18	24.0	83	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	1,174	79	21.6	72	1,143,409	70	20.6	66
Less than 4 years of English	20	1	20.0	65	66,225	4	16.6	40
Zero years / no English courses reported	17	1	22.1	76	46,708	3	16.5	39
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	152	10	24.3	76	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	158	11	21.1	51	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	74	5	19.0	34	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	201	14	19.0	27	271,304	17	19.9	36
Other comb of 4 or more years of Math	697	47	24.7	74	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	65	4	17.4	12	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	74	5	19.8	31	78,953	5	19.9	35
Less than 3 years of Math	40	3	17.4	18	79,145	5	16.4	8
Zero years / no Math courses reported	20	1	21.3	45	49,542	3	18.1	21
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	64	4	23.2	64	47,284	3	22.5	59
Other comb of 4 or more years Social Science	709	48	22.1	57	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	67	5	23.5	63	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	410	28	22.9	61	445,631	27	21.1	51
Less than 3 years of Social Science	213	14	23.8	65	149,746	9	19.7	40
Zero years / no Social Science courses reported	18	1	23.0	56	49,114	3	17.9	28
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	987	67	22.9	45	686,167	42	22.1	39
Bio, Chem, Phys	122	8	24.0	57	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	280	19	19.4	17	476,294	29	20.1	21
Other comb of 3 years of Natural Science	16	1	18.8	13	45,296	3	19.6	20
Less than 3 years of Natural Science	58	4	17.5	10	205,148	13	18.3	12
Zero years / no Natural Science courses reported	18	1	21.0	33	50,187	3	17.8	13

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 1,481

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	17	1	18.1	1	8	10.0	15	1	19.0
Architecture	15	1	21.0	0	0	.	13	1	21.8
Area, Ethnic, & Multidisciplinary Studies	5	0	24.0	0	0	.	5	0	24.0
Arts: Visual & Performing	56	4	20.9	1	8	12.0	50	4	21.2
Business	155	10	20.6	1	8	16.0	143	11	20.4
Communications	50	3	22.1	0	0	.	44	3	21.9
Community, Family, & Personal Services	28	2	18.6	1	8	12.0	26	2	18.9
Computer Science & Mathematics	39	3	21.8	0	0	.	37	3	21.6
Education	93	6	20.4	1	8	17.0	83	6	20.4
Engineering	114	8	26.1	0	0	.	102	8	25.8
Engineering Technology & Drafting	31	2	23.7	0	0	.	28	2	24.1
English & Foreign Languages	25	2	24.4	1	8	17.0	23	2	25.0
Health Administration & Assisting	21	1	18.0	1	8	15.0	18	1	18.2
Health Sciences & Technologies	283	19	21.6	3	25	17.3	267	20	21.6
Philosophy, Religion, & Theology	0	0	.	0	0	.	0	0	.
Repair, Production, & Construction	3	0	14.7	0	0	.	2	0	17.0
Sciences: Biological & Physical	193	13	24.5	0	0	.	180	14	24.4
Social Sciences & Law	125	8	22.6	2	17	17.0	110	8	22.3
Undecided	209	14	23.5	0	0	.	166	13	22.9
No Response	19	1	21.8	0	0	.	14	1	20.4

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

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

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

Total Students in Report: 1,481

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	1	14.0	0	.	0	.	1	14.0	0	.
2-yr College Degree	11	15.5	2	14.5	0	.	6	16.0	0	.
Bachelors Degree	558	20.1	106	15.6	1	15.0	380	21.4	26	18.8
Graduate Study	337	23.6	48	19.0	2	21.5	242	24.6	11	22.5
Prof. Level Degree	431	24.1	83	18.3	1	23.0	248	25.5	15	24.1
Other	10	19.0	3	12.7	0	.	5	23.4	0	.
No Response	133	24.5	10	21.6	0	.	90	25.1	7	20.3

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	1	14.0	0	.	0	.	0	.	0	.
2-yr College Degree	11	15.5	0	.	0	.	3	15.3	0	.
Bachelors Degree	558	20.1	5	22.0	3	16.3	14	20.9	23	20.5
Graduate Study	337	23.6	10	25.9	1	28.0	12	21.3	11	23.9
Prof. Level Degree	431	24.1	39	27.6	2	19.0	24	25.3	19	24.3
Other	10	19.0	0	.	0	.	0	.	2	17.5
No Response	133	24.5	8	29.9	1	26.0	5	16.8	12	24.7

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

Total Students in Report: 1,481

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	390	199	191	1	7	17	29	27	16	3
DELAWARE STATE UNIVERSITY	Delaware	84	34	50	14	35	30	18	2	1	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	71	19	52	1	6	13	25	35	15	4
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	68	16	52	0	1	6	25	40	25	3
TEMPLE UNIVERSITY	Pennsylvania	52	7	45	2	19	25	27	19	8	0
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	Pennsylvania	44	5	39	0	7	23	48	20	2	0
DREXEL UNIVERSITY	Pennsylvania	41	11	30	2	0	20	27	34	17	0
WEST VIRGINIA UNIVERSITY	West Virginia	38	14	24	5	5	47	18	16	5	3
NCAA ELIGIBILITY CENTER	Indiana	35	21	14	14	23	26	20	9	9	0
WESLEY COLLEGE	Delaware	32	4	28	6	41	25	25	3	0	0
VIRGINIA TECH	Virginia	31	9	22	0	6	6	23	26	32	6
JAMES MADISON UNIVERSITY	Virginia	28	5	23	4	7	4	32	43	11	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	27	5	22	0	0	11	7	30	41	11
VILLANOVA UNIVERSITY	Pennsylvania	27	5	22	0	4	0	33	22	37	4
DELAWARE TECH & COMM COLL-STANTON/WILM	Delaware	26	7	19	4	27	54	15	0	0	0
WILMINGTON COLLEGE	Delaware	25	4	21	8	28	44	16	4	0	0
YORK COLLEGE OF PENNSYLVANIA	Pennsylvania	25	3	22	0	12	36	36	12	4	0
SALISBURY UNIVERSITY	Maryland	24	4	20	0	21	29	21	25	4	0
EAST CAROLINA UNIVERSITY	North Carolina	23	8	15	0	4	43	48	4	0	0
LIBERTY UNIVERSITY	Virginia	23	11	12	13	0	22	26	22	17	0
UNIVERSITY OF PITTSBURGH	Pennsylvania	23	12	11	0	0	4	17	30	48	0
NEUMANN UNIVERSITY	Pennsylvania	22	5	17	0	23	36	36	5	0	0
TOWSON UNIVERSITY	Maryland	22	1	21	0	14	18	23	41	5	0
UNIVERSITY OF VIRGINIA	Virginia	21	5	16	0	0	5	0	33	43	19
DELAWARE TECH & COMM COLL-TERRY CAMPUS	Delaware	20	6	14	5	55	35	5	0	0	0
HOWARD UNIVERSITY	District of Columbia	20	7	13	5	20	30	35	10	0	0
JOHNS HOPKINS UNIVERSITY THE	Maryland	20	3	17	0	0	5	10	15	55	15
BOSTON UNIVERSITY	Massachusetts	19	7	12	0	0	5	21	53	16	5
DUKE UNIVERSITY	North Carolina	18	7	11	0	6	0	22	39	22	11
WIDENER UNIVERSITY	Pennsylvania	18	3	15	0	11	33	33	22	0	0
All Other Institutions		1,272	327	945	4	10	19	21	23	19	4
Total		2,589	774	1,815	3	11	20	23	23	17	3

Section V

Optional Writing Test Results

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

Total Students in Report: 1,481

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	1,142	905,035	23.0	21.5	7.6	7.1	22.3	20.8
Black/African American	157	112,251	17.1	16.7	6.8	6.3	17.3	16.5
American Indian/Alaska Native	3	5,519	18.3	18.4	6.7	6.5	17.7	18.0
White	776	522,234	24.0	23.2	7.7	7.3	23.2	22.2
Hispanic/Latino	48	128,599	20.4	18.4	7.6	6.8	20.4	18.2
Asian	60	51,829	27.4	23.8	8.1	7.6	26.0	22.9
Native Hawaiian/Other Pac. Isl.	7	1,332	18.7	19.7	6.7	7.2	18.3	19.5
Two or more races	39	27,722	23.8	21.6	7.8	7.0	23.1	20.8
Prefer not/No Response	52	55,549	23.5	21.3	7.3	7.0	22.5	20.5
Males	478	399,206	22.9	21.3	7.3	6.8	22.0	20.3
Females	664	503,699	23.1	21.8	7.7	7.3	22.5	21.1
Missing	0	2,130	.	17.6	.	6.2	.	17.1

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

