

ACT Profile Report - State

Graduating Class 2010
Utah



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This report provides information about the performance of your 2010 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2010 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

26% 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: 24,824 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. 72% 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 6% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 56% 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 20% of the cohort took less than three years of natural science courses. 19% of these students were college ready. In comparison, 36% 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 44% 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.

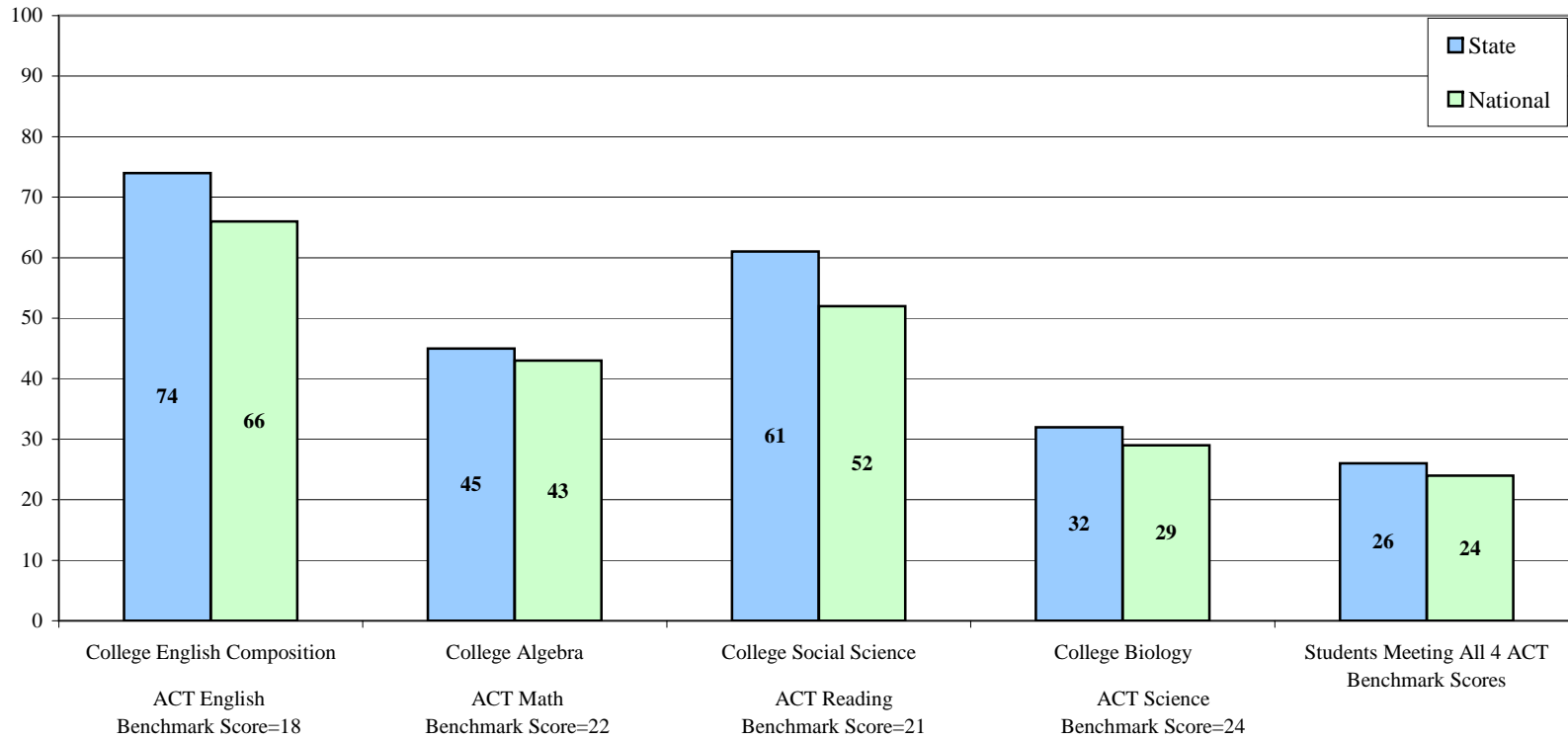
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 24,824

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: 24,824

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2006	21,561	1,206,455	74	69	43	42	60	53	31	27	24	21
2007	22,008	1,300,599	74	69	43	43	57	53	30	28	24	23
2008	22,598	1,421,941	75	68	44	43	60	53	32	28	25	22
2009	23,229	1,480,469	73	67	44	42	62	53	32	28	25	23
2010	24,824	1,568,835	74	66	45	43	61	52	32	29	26	24

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2006	21,561	1,206,455	21.2	20.6	21.0	20.8	22.4	21.4	21.6	20.9	21.7	21.1
2007	22,008	1,300,599	21.3	20.7	21.1	21.0	22.2	21.5	21.6	21.0	21.7	21.2
2008	22,598	1,421,941	21.4	20.6	21.1	21.0	22.5	21.4	21.6	20.8	21.8	21.1
2009	23,229	1,480,469	21.4	20.6	21.1	21.0	22.6	21.4	21.6	20.9	21.8	21.1
2010	24,824	1,568,835	21.4	20.5	21.1	21.0	22.5	21.3	21.7	20.9	21.8	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 24,824

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2006	10,536	8,303	49	39	22.2	20.1	22.0	20.0	23.2	21.5	22.4	20.7	22.6	20.7
2007	9,967	8,008	45	36	22.2	20.1	21.9	20.0	23.0	21.3	22.3	20.7	22.5	20.6
2008	13,612	7,579	60	34	22.1	20.2	21.8	20.0	23.1	21.5	22.2	20.6	22.4	20.7
2009	16,390	6,586	71	28	22.1	19.8	21.8	19.6	23.2	21.2	22.2	20.2	22.4	20.3
2010	17,794	6,768	72	27	22.2	19.4	21.8	19.3	23.2	20.9	22.3	20.1	22.5	20.0

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

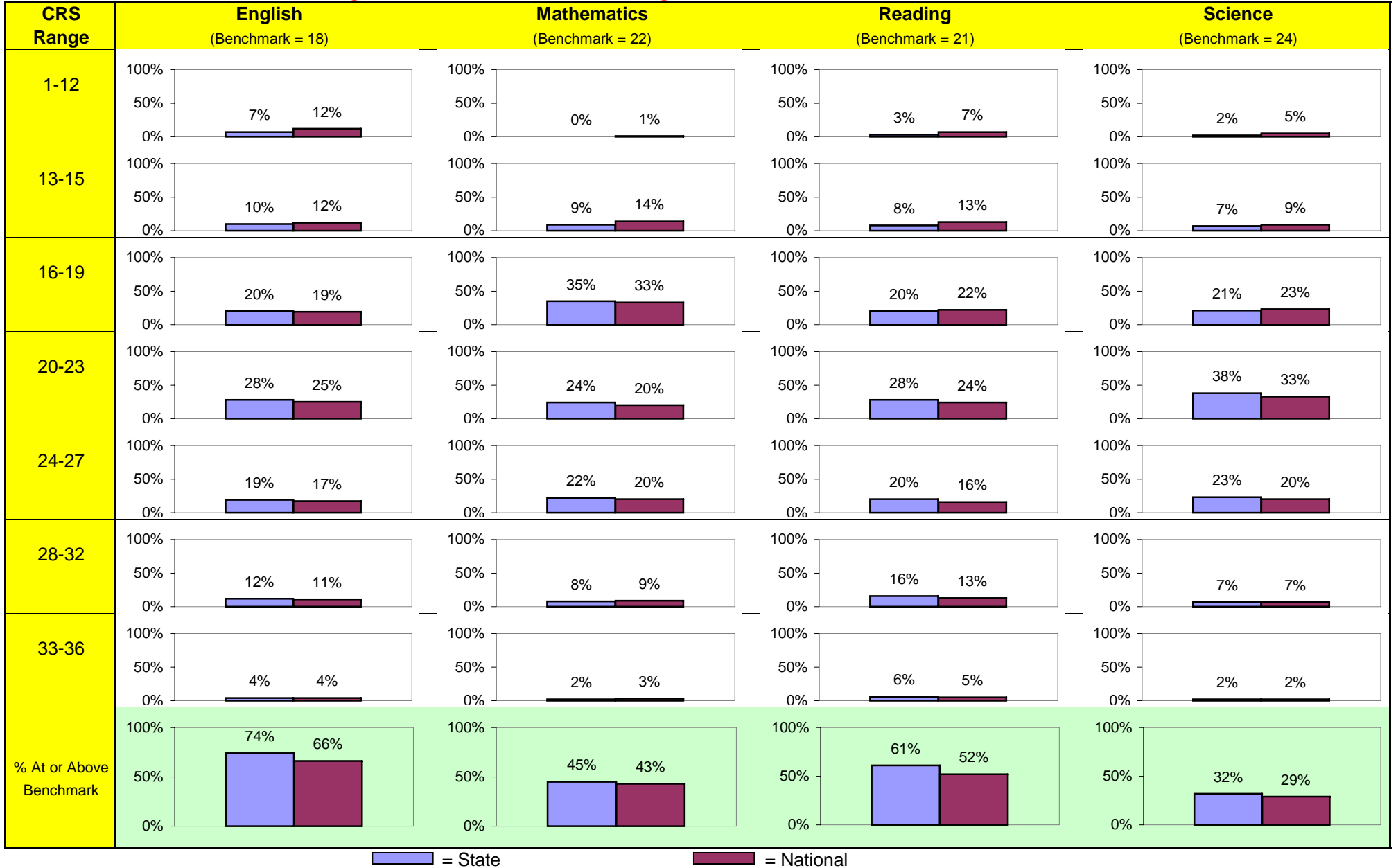
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	21,561	100	21.7	22,008	100	21.7	22,598	100	21.8	23,229	100	21.8	24,824	100	21.8
African American/Black	148	1	18.2	159	1	18.5	179	1	17.9	228	1	18.1	264	1	18.1
American Indian/Alaska Native	197	1	18.2	193	1	18.6	195	1	17.9	241	1	17.9	262	1	17.8
Caucasian American/White	16,943	79	22.0	16,326	74	21.9	18,026	80	22.0	19,014	82	22.2	20,153	81	22.2
Hispanic	801	4	19.3	940	4	19.0	1,099	5	18.9	1,386	6	18.8	1,636	7	18.6
Asian American/Pacific Islander	694	3	20.7	657	3	21.3	777	3	21.3	829	4	20.9	914	4	20.7
Other/No Response	2,778	13	21.3	3,733	17	21.6	2,322	10	22.0	1,531	7	21.8	1,595	6	21.4

Total Students in Report: 24,824

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



Section II

Academic Achievement

Total Students in Report: 24,824

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	79	100	40	100	176	100	75	100	7	100	36
35	270	100	139	100	170	99	135	100	48	100	35
34	309	99	148	99	475	99	103	99	145	100	34
33	358	97	231	99	550	97	167	99	182	99	33
32	364	96	211	98	537	94	67	98	244	98	32
31	433	94	226	97	673	92	280	98	402	97	31
30	653	93	365	96	803	90	371	97	545	96	30
29	556	90	395	95	887	86	471	95	632	94	29
28	977	88	681	93	1,014	83	603	93	916	91	28
27	704	84	959	90	998	79	977	91	1,012	87	27
26	1,236	81	1,148	86	1,018	75	1,110	87	1,306	83	26
25	1,187	76	1,491	82	1,446	71	1,854	82	1,475	78	25
24	1,649	71	1,880	76	1,396	65	1,794	75	1,728	72	24
23	1,403	65	1,721	68	1,457	59	2,380	68	1,795	65	23
22	1,625	59	1,485	61	1,947	53	2,011	58	1,989	58	22
21	2,079	52	1,129	55	1,624	45	2,483	50	2,038	50	21
20	1,789	44	1,522	51	1,907	39	2,544	40	1,983	42	20
19	1,451	37	1,524	45	1,326	31	1,772	30	1,899	34	19
18	1,136	31	1,909	38	1,048	26	1,777	23	1,793	26	18
17	1,116	26	2,487	31	1,473	22	918	16	1,414	19	17
16	1,265	22	2,741	21	1,077	16	782	12	1,096	13	16
15	1,188	17	1,575	10	741	11	704	9	847	9	15
14	736	12	574	3	846	8	440	6	604	5	14
13	488	9	173	1	458	5	480	4	430	3	13
12	477	7	55	1	405	3	231	2	204	1	12
11	457	5	10	1	233	1	152	1	64	1	11
10	356	3	4	1	69	1	96	1	22	1	10
9	238	2	0	1	30	1	35	1	3	1	9
8	150	1	1	1	27	1	5	1	1	1	8
7	63	1	0	1	7	1	2	1	0	1	7
6	26	1	0	1	1	1	4	1	0	1	6
5	5	1	0	1	3	1	0	1	0	1	5
4	1	1	0	1	2	1	0	1	0	1	4
3	0	1	0	1	0	1	1	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)	21.4 (5.9)		21.1 (4.8)		22.5 (5.8)		21.7 (4.5)		21.8 (4.7)		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: 24,824

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	974	100	355	100	590	100	890	100	753	100	182	100	195	100	18
17	826	96	136	99	1,093	98	1,874	96	1,017	97	246	99	101	99	17
16	1,065	93	1,605	98	1,804	93	1,689	89	1,201	93	649	98	573	99	16
15	1,560	88	2,064	92	1,916	86	2,275	82	1,461	88	734	96	1,174	96	15
14	1,302	82	1,729	83	1,714	78	1,500	73	1,614	82	2,177	93	1,907	92	14
13	1,836	77	2,372	76	1,866	71	2,269	67	1,728	76	2,614	84	2,480	84	13
12	1,773	70	3,347	67	3,004	64	2,240	58	2,435	69	2,796	73	2,781	74	12
11	2,262	62	3,153	53	2,307	52	2,827	49	2,611	59	3,726	62	3,075	63	11
10	3,311	53	2,499	41	2,730	42	2,145	37	2,551	48	3,518	47	4,051	51	10
9	2,592	40	2,880	30	3,013	31	1,588	29	2,348	38	3,972	33	2,716	34	9
8	1,847	29	1,747	19	1,852	19	1,744	22	2,893	29	1,932	17	2,738	23	8
7	1,949	22	1,152	12	1,635	12	1,238	15	2,657	17	1,167	9	1,091	12	7
6	1,404	14	580	7	721	5	1,219	10	1,073	6	315	4	967	8	6
5	933	9	564	5	326	2	859	5	280	2	477	3	431	4	5
4	704	5	419	3	119	1	298	2	134	1	98	1	213	2	4
3	344	2	187	1	101	1	126	1	50	1	178	1	204	1	3
2	126	1	28	1	29	1	40	1	14	1	3	1	104	1	2
1	16	1	7	1	4	1	3	1	4	1	40	1	23	1	1
Avg (SD)	10.6 (3.7)		11.1 (3.1)		11.4 (3.3)		11.6 (3.7)		11.0 (3.4)		10.8 (2.7)		10.6 (2.9)		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)	25	24	27	25	25
Q2 (50th Percentile)	21	20	22	21	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 24,824

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	24,824	72	22.5	20.0
	African American/Black	264	70	18.8	16.7
	American Indian/Alaska Native	262	59	18.8	16.7
	Caucasian American/White	20,153	72	22.9	20.5
	Hispanic	1,636	66	19.4	17.1
	Asian American/Pacific Islander	914	77	21.2	19.1
	Other/No Response	1,595	69	22.2	19.6
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.4	21.1	22.5	21.7	21.8
	African American/Black	16.9	17.9	18.6	18.4	18.1
	American Indian/Alaska Native	16.1	17.8	18.6	18.3	17.8
	Caucasian American/White	22.0	21.4	23.0	22.0	22.2
	Hispanic	17.4	18.4	19.2	19.0	18.6
	Asian American/Pacific Islander	19.7	21.1	20.5	21.0	20.7
	Other/No Response	20.8	20.7	22.1	21.3	21.4
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 24,824

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,016	4	558	2	1,371	6	480	2
	28 to 32	2,983	12	1,878	8	3,914	16	1,792	7
	24 to 27	4,776	19	5,478	22	4,858	20	5,735	23
	20 to 23	6,896	28	5,857	24	6,935	28	9,418	38
	16 to 19	4,968	20	8,661	35	4,924	20	5,249	21
	13 to 15	2,412	10	2,322	9	2,045	8	1,624	7
	01 to 12	1,773	7	70	0	777	3	526	2
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,642	47	21.1	21.9	22.5	22.4	22.1
	Females	13,171	53	21.6	20.3	22.5	21.1	21.5
	Missing	11	0	18.0	19.2	19.6	19.0	19.0
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	72	51	61	39	31
	Females	75	39	61	26	21
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 24,824

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	17,794	79	22.2	51	21.8	66	23.2	37	22.3	31	22.5
	Less than Core	6,768	61	19.4	28	19.3	50	20.9	20	20.1	15	20.0
	Missing ³	262	44	16.8	18	17.7	40	19.0	12	18.4	8	18.1
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	23,490	74	21.5	23,180	47	21.4	23,454	62	22.6	19,538	36	22.1
	Less than Core	1,129	61	19.5	1,415	6	16.5	1,149	43	20.1	5,059	19	20.0
	Missing ³	205	47	17.4	229	17	17.7	221	41	19.3	227	12	18.7
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

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

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

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

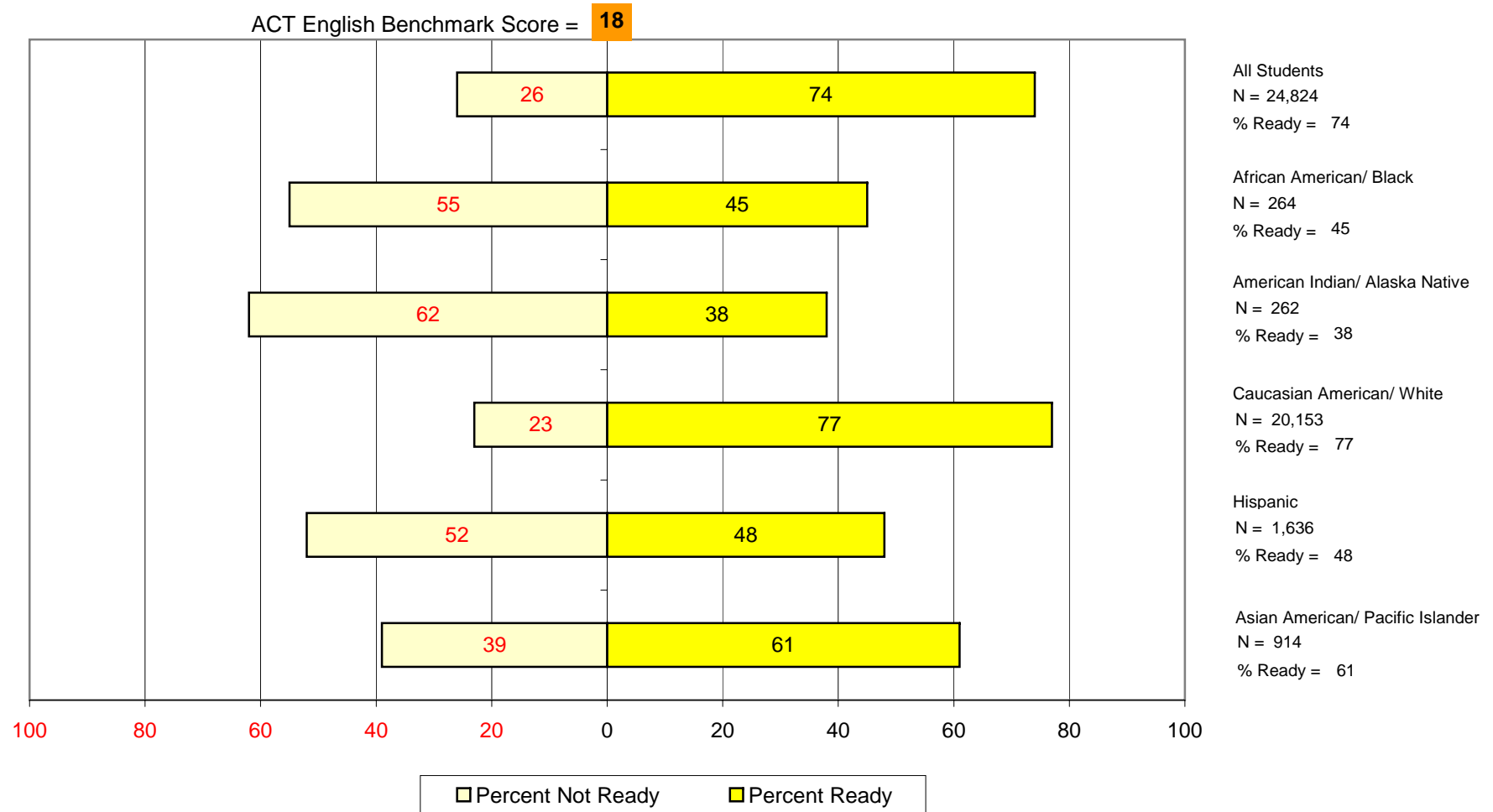
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

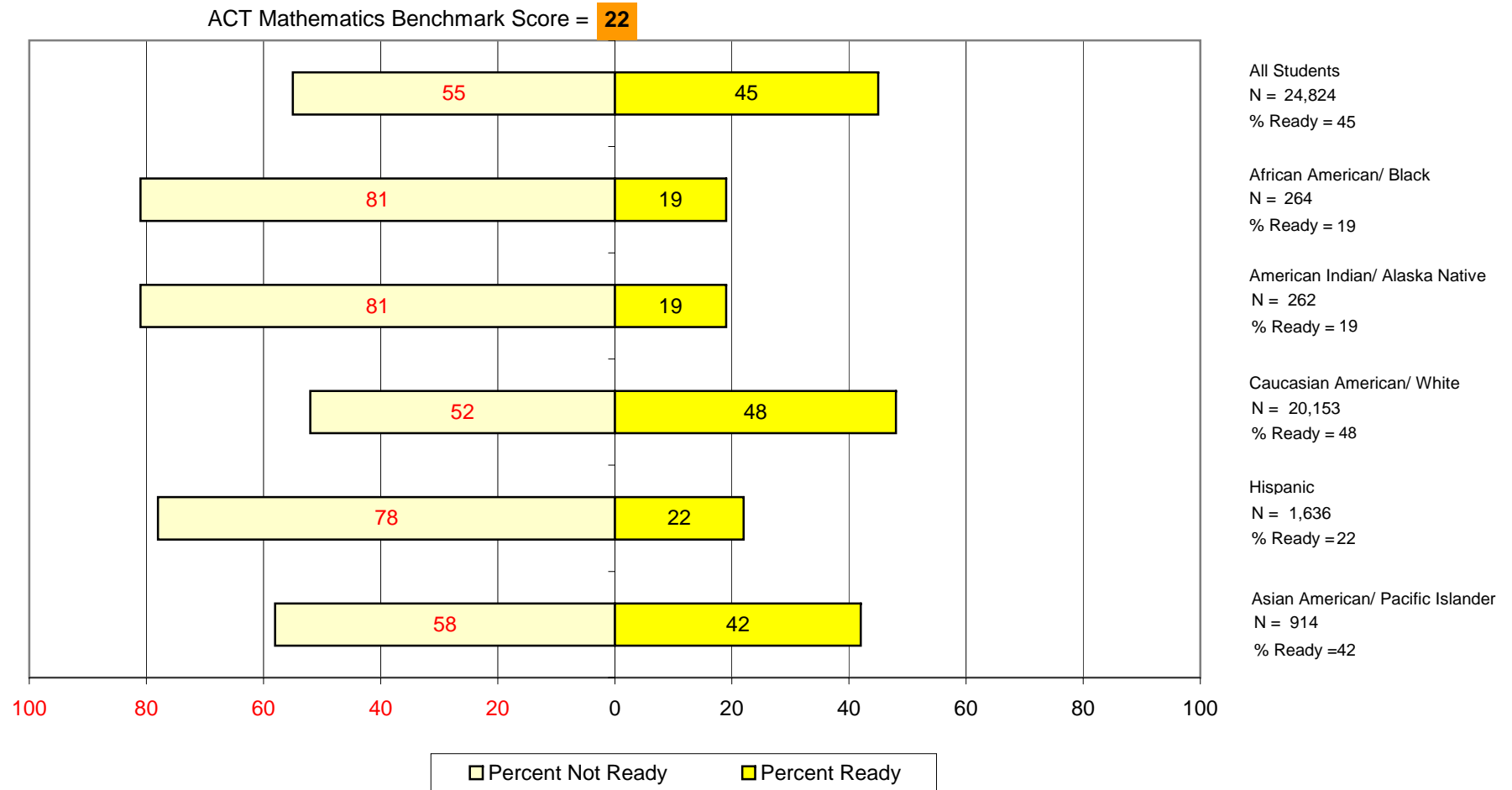
Total Students in Report: 24,824

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



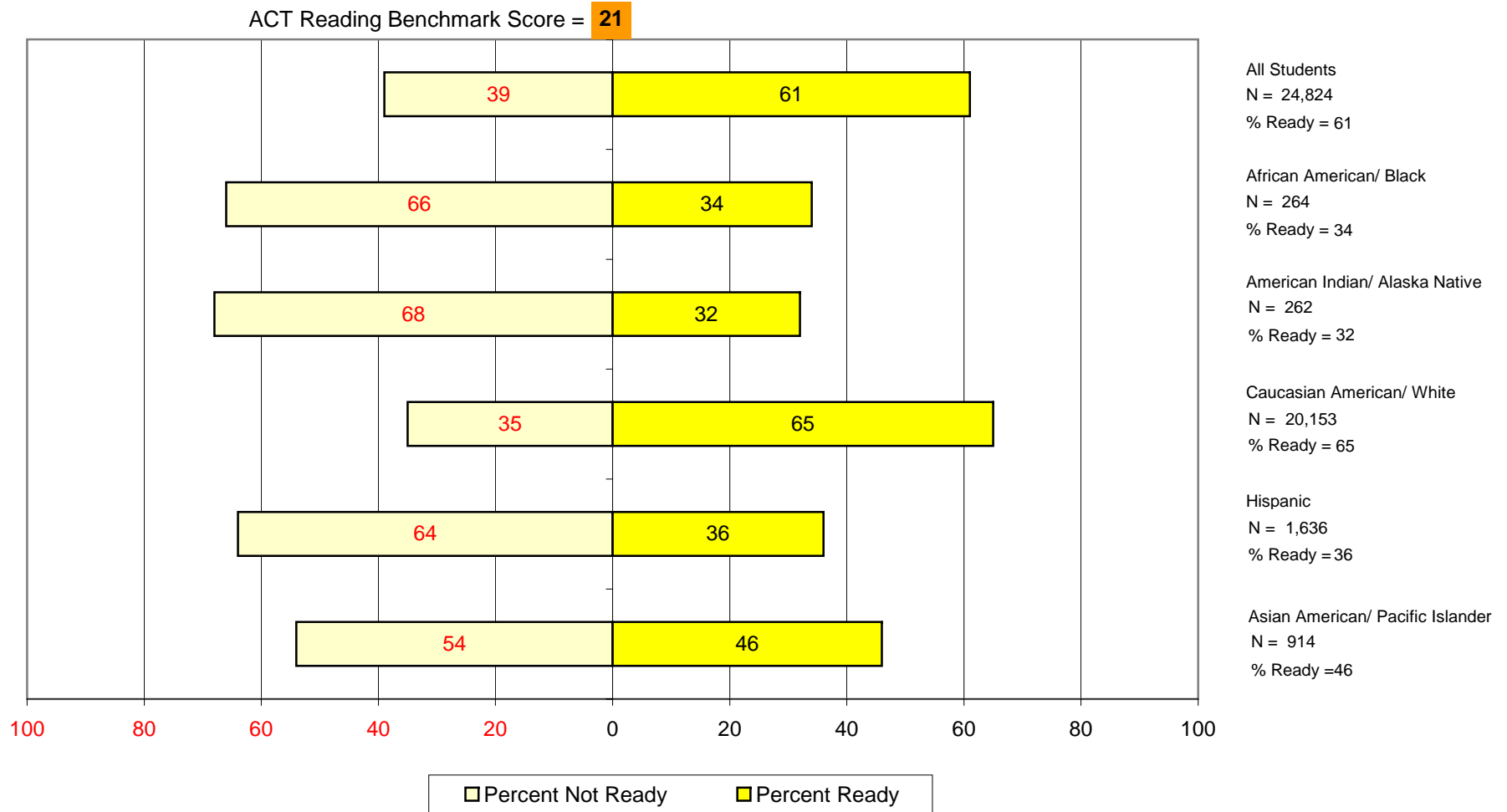
Total Students in Report: 24,824

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



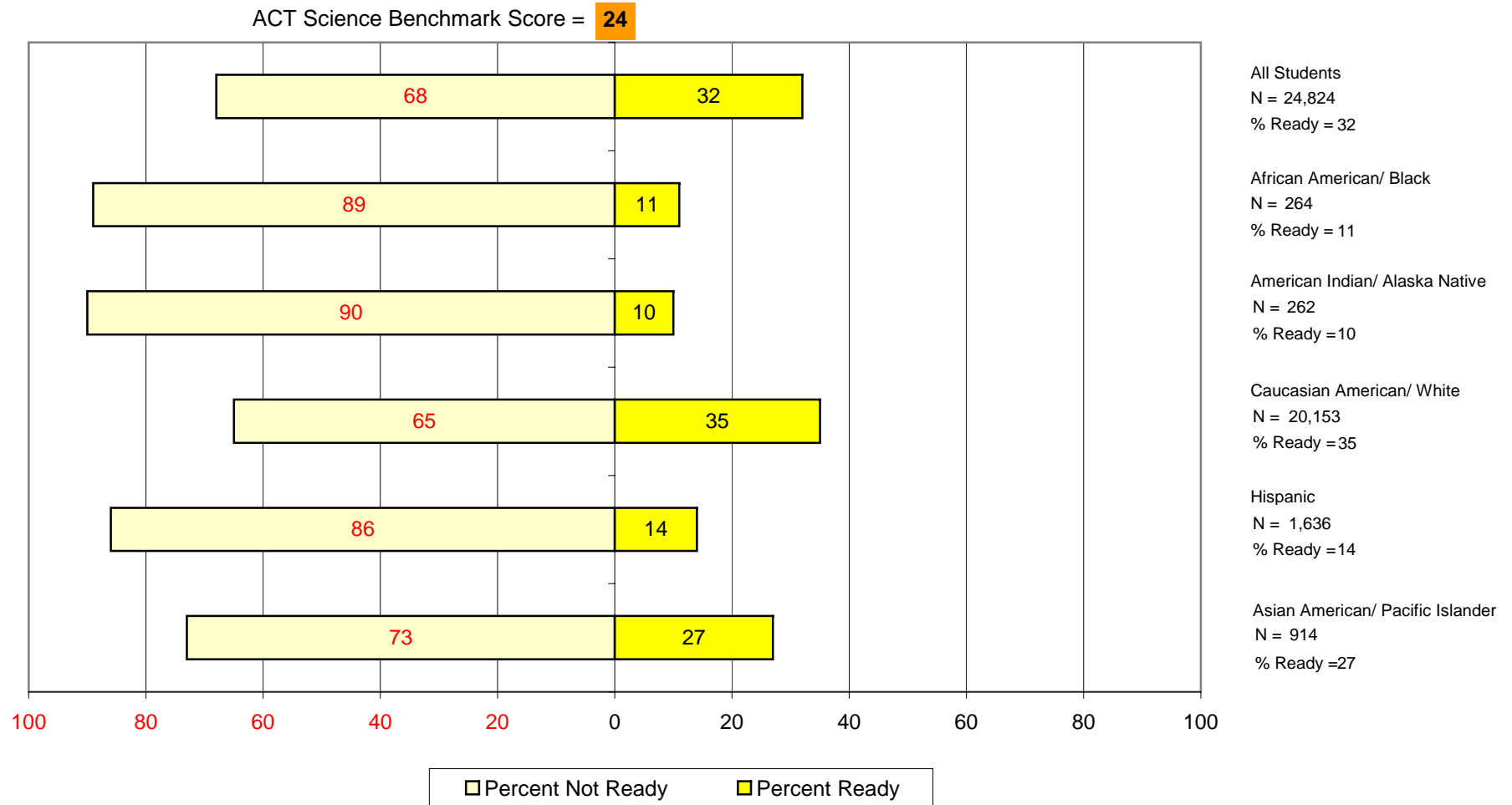
Total Students in Report: 24,824

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



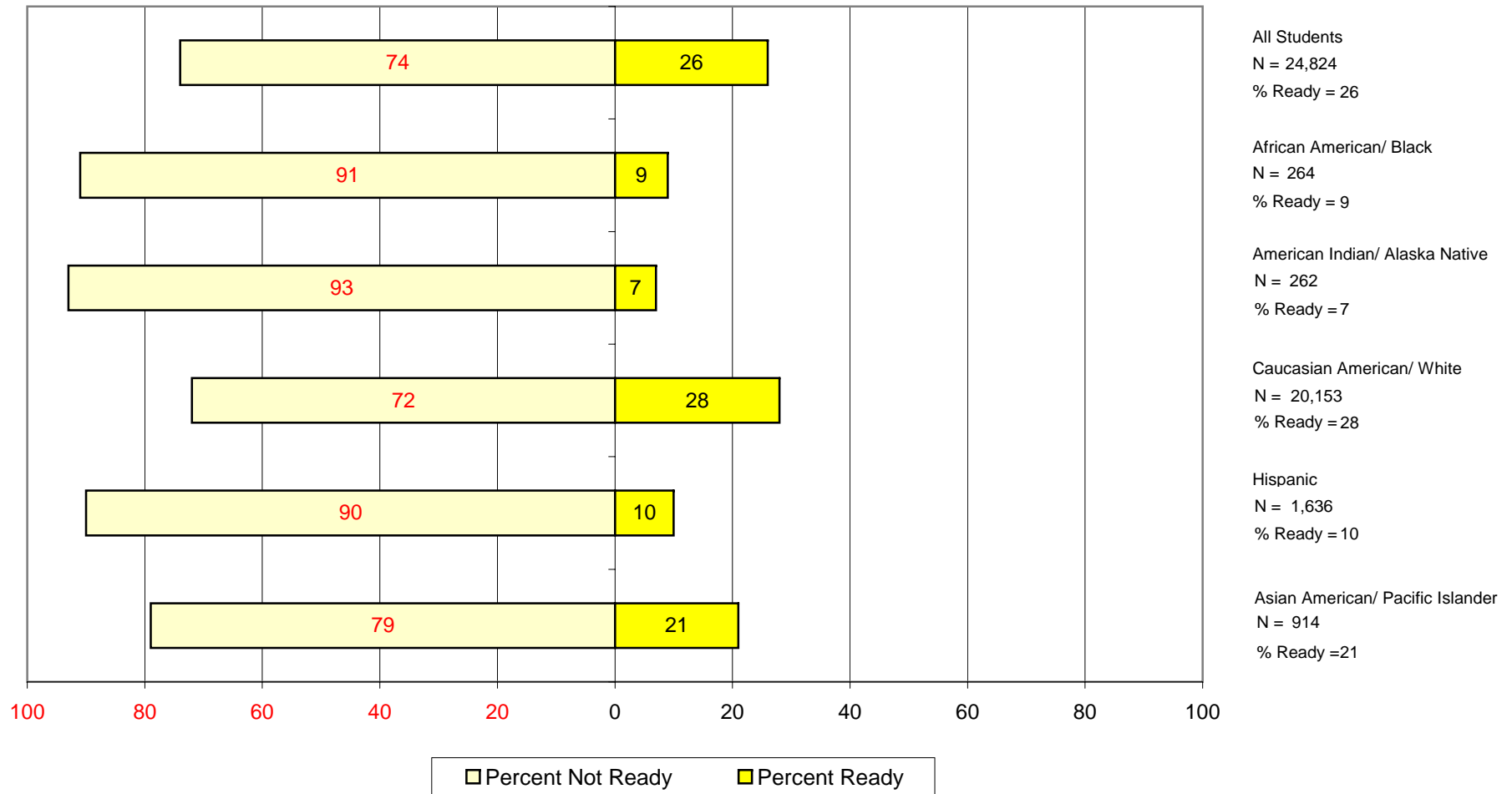
Total Students in Report: 24,824

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



Total Students in Report: 24,824

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



Total Students in Report: 24,824

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	7,664	31	22.1	2.6	3,223	28	21.8	2.5	4,440	34	22.4	2.8
Eng 9, Eng 10, Eng 11, Eng 12	15,826	64	21.2	1.7	7,812	67	21.0	1.7	8,008	61	21.4	1.8
Less than 4 years of English	1,129	5	19.5	-	505	4	19.3	-	623	5	19.6	-
Zero years / no English courses reported	205	1	17.4	-	102	1	16.8	-	100	1	17.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	961	4	23.7	7.2	474	4	24.5	7.7	486	4	23.0	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,554	6	22.4	5.9	594	5	23.0	6.2	960	7	21.9	5.7
Alg 1, Alg 2, Geom, & Trig	824	3	20.3	3.8	415	4	20.7	3.9	409	3	19.8	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	3,871	16	20.3	3.8	1,528	13	20.8	4.0	2,342	18	20.0	3.8
Other comb of 4 or more years of Math	10,359	42	23.2	6.7	5,383	46	24.1	7.3	4,974	38	22.3	6.1
Alg 1, Alg 2, & Geom	4,393	18	17.7	1.2	1,895	16	18.1	1.3	2,496	19	17.4	1.2
Other comb of 3 or 3.5 years of Math	1,218	5	19.8	3.3	609	5	20.4	3.6	608	5	19.3	3.1
Less than 3 years of Math	1,415	6	16.5	-	633	5	16.8	-	781	6	16.2	-
Zero years / no Math courses reported	229	1	17.7	-	111	1	17.8	-	115	1	17.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	435	2	22.1	2.0	225	2	21.7	1.6	210	2	22.5	2.3
Other comb of 4 or more years Social Science	15,631	63	23.0	2.9	7,009	60	23.0	2.9	8,620	65	22.9	2.7
US Hist, World Hist, & Am Gov	688	3	20.4	0.3	390	3	20.5	0.4	297	2	20.2	0.0
Other comb of 3 or 3.5 years of Social Science	6,700	27	22.1	2.0	3,281	28	22.2	2.1	3,415	26	22.0	1.8
Less than 3 years of Social Science	1,149	5	20.1	-	623	5	20.1	-	525	4	20.2	-
Zero years / no Social Science courses reported	221	1	19.3	-	114	1	19.1	-	104	1	19.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	9,210	37	22.6	2.6	4,727	41	23.3	2.8	4,481	34	21.9	2.3
Bio, Chem, Phys	1,660	7	24.1	4.1	827	7	25.0	4.5	833	6	23.3	3.7
Gen Sci ² , Bio, Chem	6,176	25	21.2	1.2	2,414	21	21.8	1.3	3,758	29	20.9	1.3
Other comb of 3 years of Natural Science	2,492	10	21.4	1.4	1,436	12	21.9	1.4	1,055	8	20.6	1.0
Less than 3 years of Natural Science	5,059	20	20.0	-	2,125	18	20.5	-	2,933	22	19.6	-
Zero years / no Natural Science courses reported	227	1	18.7	-	113	1	19.1	-	111	1	18.4	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 24,824

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	7,664	31	22.1	78	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	15,826	64	21.2	72	1,096,437	70	20.5	66
Less than 4 years of English	1,129	5	19.5	61	74,180	5	16.4	39
Zero years / no English courses reported	205	1	17.4	47	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	961	4	23.7	68	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,554	6	22.4	60	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	824	3	20.3	38	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,871	16	20.3	38	239,289	15	20.0	36
Other comb of 4 or more years of Math	10,359	42	23.2	64	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	4,393	18	17.7	13	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	1,218	5	19.8	33	74,720	5	19.9	35
Less than 3 years of Math	1,415	6	16.5	6	97,949	6	16.4	7
Zero years / no Math courses reported	229	1	17.7	17	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	435	2	22.1	56	47,523	3	22.6	60
Other comb of 4 or more years Social Science	15,631	63	23.0	65	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	688	3	20.4	46	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	6,700	27	22.1	59	439,520	28	21.2	51
Less than 3 years of Social Science	1,149	5	20.1	43	156,679	10	19.5	39
Zero years / no Social Science courses reported	221	1	19.3	41	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	9,210	37	22.6	41	620,765	40	22.2	40
Bio, Chem, Phys	1,660	7	24.1	55	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	6,176	25	21.2	27	474,375	30	20.1	21
Other comb of 3 years of Natural Science	2,492	10	21.4	29	43,231	3	19.7	21
Less than 3 years of Natural Science	5,059	20	20.0	19	231,566	15	18.3	12
Zero years / no Natural Science courses reported	227	1	18.7	12	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 24,824

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	305	1	19.5	37	3	18.1	257	1	19.8
Architecture & Environmental Design	533	2	21.2	24	2	16.5	478	2	21.5
Business & Management	1,769	7	21.2	63	5	17.7	1,608	7	21.4
Business & Office	176	1	19.7	16	1	18.3	151	1	19.9
Marketing & Distribution	143	1	20.0	4	0	20.3	130	1	20.0
Communications & Comm. Technologies	348	1	21.3	13	1	18.5	316	1	21.5
Community & Personal Services	442	2	19.4	68	5	17.5	344	2	19.9
Computer & Information Sciences	553	2	22.8	21	2	19.2	497	2	23.0
Cross-Disciplinary Studies	42	0	21.8	4	0	21.3	33	0	22.4
Education	902	4	21.7	29	2	17.0	828	4	21.9
Teacher Education	762	3	20.8	19	2	18.7	704	3	20.9
Engineering	879	4	24.2	37	3	17.6	808	4	24.6
Engineering-Related Technologies	847	3	22.9	32	3	17.9	780	4	23.2
Foreign Languages	152	1	22.4	2	0	17.0	141	1	22.7
Health Sciences & Allied Health Fields	5,555	22	21.4	255	20	18.2	5,054	23	21.7
Human, Family & Consumer Science	378	2	19.9	50	4	18.2	309	1	20.1
Letters	227	1	25.0	9	1	19.6	207	1	25.3
Mathematics	195	1	24.5	3	0	17.3	173	1	24.9
Philosophy, Religion & Theology	84	0	22.6	0	0	.	78	0	22.7
Sciences (Biological & Physical)	1,401	6	23.8	19	2	20.3	1,327	6	23.9
Social Sciences	1,382	6	22.3	27	2	18.5	1,281	6	22.5
Trade & Industrial	360	1	18.7	109	9	17.5	228	1	19.4
Visual & Performing Arts	2,008	8	22.0	110	9	18.4	1,774	8	22.3
Undecided	5,026	20	21.9	281	23	18.1	4,178	19	22.3
No Response	355	1	18.3	15	1	14.8	66	0	20.1

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

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

Total Students in Report: 24,824

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	263	17.6	1	16.0	8	14.3	211	18.1	24	15.1	2	17.5	17	17.2
2-yr College Degree	984	18.1	7	17.1	28	15.1	762	18.8	104	15.0	28	16.8	55	17.8
Bachelors Degree	10,639	20.8	114	17.7	90	17.4	8,945	21.2	621	18.1	328	19.3	541	19.9
Graduate Study	4,720	23.4	31	20.1	40	20.0	3,998	23.7	190	20.7	166	21.8	295	23.1
Prof. Level Degree	6,391	23.4	67	20.1	61	19.8	4,990	23.9	486	20.0	305	22.8	482	22.9
Other	373	19.2	4	16.0	6	16.2	274	19.4	39	17.8	12	16.9	38	20.9
No Response	1,454	20.4	40	14.8	29	15.8	973	21.5	172	17.1	73	17.8	167	20.3

Total Students in Report: 24,824

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 UTAH	Utah	8,421	2,903	5,518	1	5	20	31	26	15	2	
UTAH STATE UNIVERSITY	Utah	7,581	2,113	5,468	1	5	21	32	27	14	2	
BRIGHAM YOUNG UNIVERSITY	Utah	6,024	3,078	2,946	0	2	13	28	33	21	3	
UTAH VALLEY UNIVERSITY	Utah	5,231	1,272	3,959	1	7	26	34	23	9	1	
WEBER STATE UNIVERSITY	Utah	4,285	1,442	2,843	1	8	27	34	21	9	1	
SOUTHERN UTAH UNIVERSITY	Utah	3,621	877	2,744	1	6	25	34	24	10	1	
DIXIE STATE COLLEGE OF UTAH	Utah	2,461	694	1,767	1	10	32	36	16	4	0	
SNOW COLLEGE	Utah	2,354	669	1,685	2	9	31	33	20	5	1	
SALT LAKE COMMUNITY COLLEGE	Utah	2,217	673	1,544	3	15	33	30	16	4	0	
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	2,079	287	1,792	0	2	15	32	33	16	2	
WESTMINSTER COLLEGE	Utah	959	183	776	1	6	22	31	26	13	1	
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	590	74	516	1	3	18	29	32	16	2	
NCAA ELIGIBILITY CENTER	Indiana	547	240	307	1	7	24	36	21	10	1	
COLLEGE OF EASTERN UTAH	Utah	364	127	237	3	10	38	29	14	5	0	
STANFORD UNIVERSITY	California	312	61	251	0	1	5	11	27	41	14	
ARIZONA STATE UNIVERSITY	Arizona	251	47	204	1	8	27	28	24	10	0	
UNIVERSITY OF SOUTHERN CALIFORNIA	California	210	35	175	2	6	22	27	26	15	3	
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	208	24	184	1	8	20	30	24	14	3	
HARVARD COLLEGE	Massachusetts	184	25	159	0	1	4	9	22	50	15	
UNIVERSITY OF WASHINGTON	Washington	177	31	146	1	2	8	24	29	32	4	
LDS BUSINESS COLLEGE	Utah	167	38	129	2	11	33	30	21	4	0	
UNIVERSITY OF OREGON	Oregon	136	25	111	1	3	15	36	29	14	1	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	118	26	92	0	2	2	8	19	36	33	
SOUTHERN VIRGINIA UNIVERSITY	Virginia	117	20	97	0	2	10	35	31	20	3	
PROVO COLLEGE	Utah	113	17	96	4	20	41	27	7	1	0	
NEW YORK UNIVERSITY	New York	107	20	87	3	5	6	24	25	35	3	
UNIVERSITY OF ARIZONA	Arizona	107	7	100	0	4	19	39	25	12	1	
SAN DIEGO STATE UNIVERSITY	California	106	24	82	0	5	29	41	20	5	1	
BOISE STATE UNIVERSITY	Idaho	104	9	95	0	8	27	32	25	9	0	
OREGON STATE UNIVERSITY	Oregon	104	15	89	1	3	24	35	25	12	1	
All Other Institutions		5,667	1,169	4,498	1	6	19	27	26	18	3	
Total		54,922	16,225	38,697	1	6	22	31	25	13	2	

Section V Optional Writing Test Results

Total Students in Report: 24,824

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	5,298	869,014	23.0	21.4	7.5	7.1	22.2	20.8
African American/Black	77	107,638	18.6	16.4	6.8	6.4	18.4	16.4
American Indian/Alaska Native	41	6,232	19.9	18.9	7.1	6.6	19.8	18.4
Caucasian American/White	4,085	518,004	23.5	23.0	7.5	7.3	22.6	22.1
Hispanic	375	101,126	19.2	18.1	7.1	6.9	19.1	18.1
Asian American/Pacific Islander	246	49,922	22.3	23.6	7.6	7.7	21.8	22.9
Other/No Response	474	86,092	22.5	21.0	7.3	7.1	21.7	20.4
Males	2,351	384,152	22.8	21.1	7.3	6.9	21.9	20.3
Females	2,944	484,023	23.1	21.7	7.6	7.3	22.4	21.2
Missing	3	839	20.3	16.8	8.0	6.3	20.7	16.6

