

ACT Profile Report - State

Graduating Class 2009
Utah



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Meeting College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Section II: Academic Achievement	Page 9
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Meeting College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 15
Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 23
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 27
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

25% 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: 23,229 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. 71% 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, 7% were college ready. 17% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 12% of these students were college ready. In comparison, 54% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 21% of the cohort took less than three years of natural science courses. 21% of these students were college ready. In comparison, 35% 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.

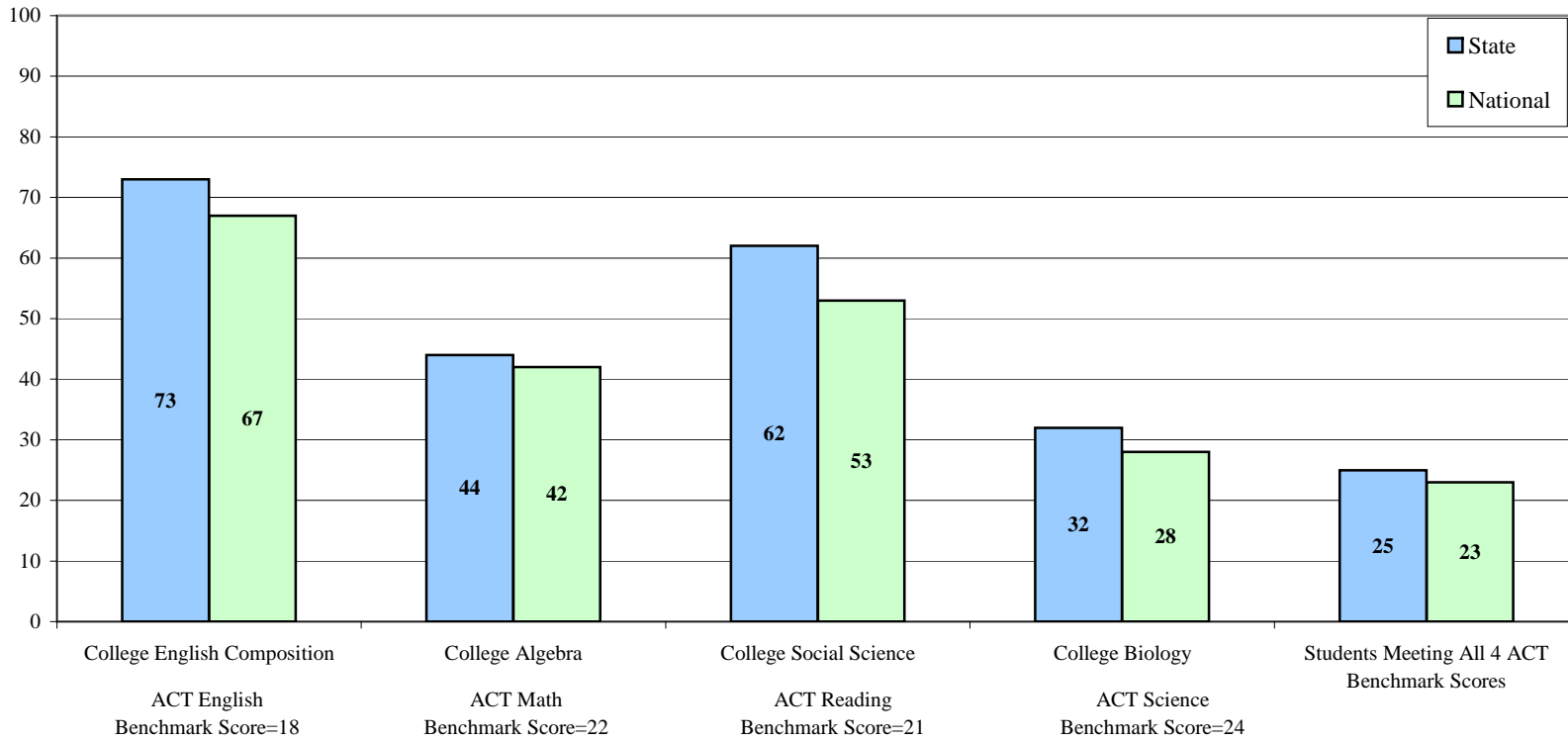
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 23,229

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: 23,229

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	20,593	1,186,251	73	68	43	41	58	51	30	26	23	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	20,593	1,186,251	21.1	20.4	21.0	20.7	22.2	21.3	21.4	20.9	21.5	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1

Total Students in Report: 23,229

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	8,847	9,795	43	48	22.2	20.2	21.9	20.3	23.2	21.3	22.2	20.8	22.5	20.8
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

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

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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	20,593	100	21.5	21,561	100	21.7	22,008	100	21.7	22,598	100	21.8	23,229	100	21.8
African American/Black	120	1	17.4	148	1	18.2	159	1	18.5	179	1	17.9	228	1	18.1
American Indian/Alaska Native	211	1	17.6	197	1	18.2	193	1	18.6	195	1	17.9	241	1	17.9
Caucasian American/White	17,100	83	21.8	16,943	79	22.0	16,326	74	21.9	18,026	80	22.0	19,014	82	22.2
Hispanic	861	4	18.9	801	4	19.3	940	4	19.0	1,099	5	18.9	1,386	6	18.8
Asian American/Pacific Islander	568	3	21.0	694	3	20.7	657	3	21.3	777	3	21.3	829	4	20.9
Other/No Response	1,733	8	21.4	2,778	13	21.3	3,733	17	21.6	2,322	10	22.0	1,531	7	21.8

Section II

Academic Achievement

Total Students in Report: 23,229

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	64	100	43	100	225	100	47	100	1	100	36
35	260	100	84	100	83	99	88	100	43	100	35
34	304	99	128	99	424	99	139	99	104	100	34
33	294	97	244	99	596	97	150	99	181	99	33
32	369	96	217	98	365	94	121	98	251	99	32
31	350	94	248	97	788	93	283	98	364	98	31
30	607	93	228	96	972	89	353	96	487	96	30
29	558	90	517	95	897	85	431	95	643	94	29
28	702	88	727	93	904	81	551	93	791	91	28
27	749	85	892	90	865	77	644	91	1,061	88	27
26	1,203	82	1,263	86	962	74	1,149	88	1,186	83	26
25	1,336	76	1,391	80	980	70	1,986	83	1,405	78	25
24	1,234	71	1,601	74	1,389	65	1,487	74	1,541	72	24
23	1,425	65	1,359	67	1,521	59	1,992	68	1,691	65	23
22	1,684	59	1,196	62	1,498	53	2,002	59	1,863	58	22
21	1,752	52	1,454	56	1,915	46	2,065	51	1,897	50	21
20	1,688	45	1,258	50	1,459	38	2,583	42	1,945	42	20
19	1,405	37	1,457	45	1,502	32	1,994	31	1,749	33	19
18	1,079	31	1,791	38	934	25	1,411	22	1,664	26	18
17	1,226	27	2,324	31	1,190	21	867	16	1,313	19	17
16	1,154	21	2,541	21	1,208	16	885	12	1,118	13	16
15	1,150	16	1,506	10	767	11	618	9	813	8	15
14	644	11	562	3	777	8	463	6	572	5	14
13	539	9	135	1	452	4	424	4	359	2	13
12	436	6	43	1	277	2	207	2	141	1	12
11	363	4	11	1	179	1	153	1	36	1	11
10	302	3	6	1	53	1	78	1	9	1	10
9	196	2	2	1	24	1	42	1	1	1	9
8	102	1	1	1	20	1	11	1	0	1	8
7	37	1	0	1	1	1	2	1	0	1	7
6	13	1	0	1	1	1	3	1	0	1	6
5	4	1	0	1	1	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)	21.4 (5.8)		21.1 (4.9)		22.6 (5.8)		21.6 (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: 23,229

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	799	100	332	100	731	100	1,164	100	548	100	164	100	156	100	18
17	790	97	204	99	1,046	97	846	95	1,131	98	139	99	106	99	17
16	991	93	1,434	98	1,295	92	2,235	91	1,048	93	588	99	685	99	16
15	1,269	89	1,739	92	2,019	87	2,130	82	1,329	88	693	96	969	96	15
14	1,222	83	1,925	84	1,505	78	2,192	73	1,500	83	2,295	93	1,916	92	14
13	1,773	78	2,173	76	2,097	72	1,247	63	1,731	76	1,737	83	2,687	84	13
12	1,885	71	3,283	66	2,555	63	2,099	58	2,511	69	3,058	76	2,037	72	12
11	2,015	62	2,579	52	2,012	52	2,521	49	2,064	58	2,604	63	3,244	63	11
10	2,973	54	2,911	41	2,645	43	1,971	38	2,668	49	4,757	51	3,361	49	10
9	2,479	41	2,335	29	2,611	32	1,554	29	1,800	37	2,992	31	2,630	35	9
8	1,863	30	1,708	19	2,097	20	1,881	23	3,056	30	2,014	18	2,495	23	8
7	1,850	22	1,172	11	1,462	11	1,232	15	2,577	17	1,016	9	973	13	7
6	1,480	14	501	6	719	5	952	9	889	5	357	5	935	8	6
5	906	8	472	4	264	2	777	5	231	2	488	4	445	4	5
4	582	4	322	2	71	1	303	2	105	1	143	1	295	3	4
3	271	2	122	1	72	1	91	1	32	1	119	1	207	1	3
2	76	1	17	1	24	1	33	1	9	1	39	1	44	1	2
1	5	1	0	1	4	1	1	1	0	1	26	1	44	1	1
Avg (SD)	10.5 (3.6)		11.2 (3.1)		11.5 (3.3)		11.7 (3.7)		11.0 (3.3)		10.7 (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	25	27	25	25
Q2 (50th Percentile)	21	20	22	21	21
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 23,229

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	23,229	71	22.4	20.3
	African American/Black	228	67	18.5	17.5
	American Indian/Alaska Native	241	56	18.9	16.5
	Caucasian American/White	19,014	71	22.8	20.7
	Hispanic	1,386	67	19.5	17.3
	Asian American/Pacific Islander	829	78	21.4	19.1
	Other/No Response	1,531	67	22.6	20.2
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.4	21.1	22.6	21.6	21.8
	African American/Black	17.2	17.7	18.8	18.3	18.1
	American Indian/Alaska Native	16.4	17.7	18.3	18.7	17.9
	Caucasian American/White	21.8	21.4	23.0	21.9	22.2
	Hispanic	17.6	18.6	19.2	19.1	18.8
	Asian American/Pacific Islander	20.1	21.2	20.8	21.0	20.9
	Other/No Response	21.3	21.3	22.7	21.6	21.8
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 23,229

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	922	4	499	2	1,328	6	424	2
	28 to 32	2,586	11	1,937	8	3,926	17	1,739	7
	24 to 27	4,522	19	5,147	22	4,196	18	5,266	23
	20 to 23	6,549	28	5,267	23	6,393	28	8,642	37
	16 to 19	4,864	21	8,113	35	4,834	21	5,157	22
	13 to 15	2,333	10	2,203	9	1,996	9	1,505	6
	01 to 12	1,453	6	63	0	556	2	496	2
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	10,910	47	21.1	21.9	22.6	22.3	22.1
	Females	12,266	53	21.6	20.4	22.5	21.0	21.5
	Missing	53	0	21.4	20.6	22.6	21.5	21.6
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	71	50	62	38	30
	Females	75	38	62	26	20
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 23,229

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	16,390	78	22.1	49	21.8	66	23.2	36	22.2	29	22.4
	Less than Core	6,586	63	19.8	31	19.6	52	21.2	22	20.2	16	20.3
	Missing	253	61	18.8	23	18.8	47	20.5	18	19.7	10	19.6
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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

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

³Composite CRB% results reflect students who meet all four subject-area benchmarks.

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	21,978	74	21.5	21,707	46	21.4	21,909	63	22.7	18,099	35	22.0
	Less than Core	1,057	63	19.7	1,300	7	16.6	1,114	48	20.5	4,914	21	20.2
	Missing	194	65	19.5	222	24	19.0	206	52	21.2	216	19	20.0
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

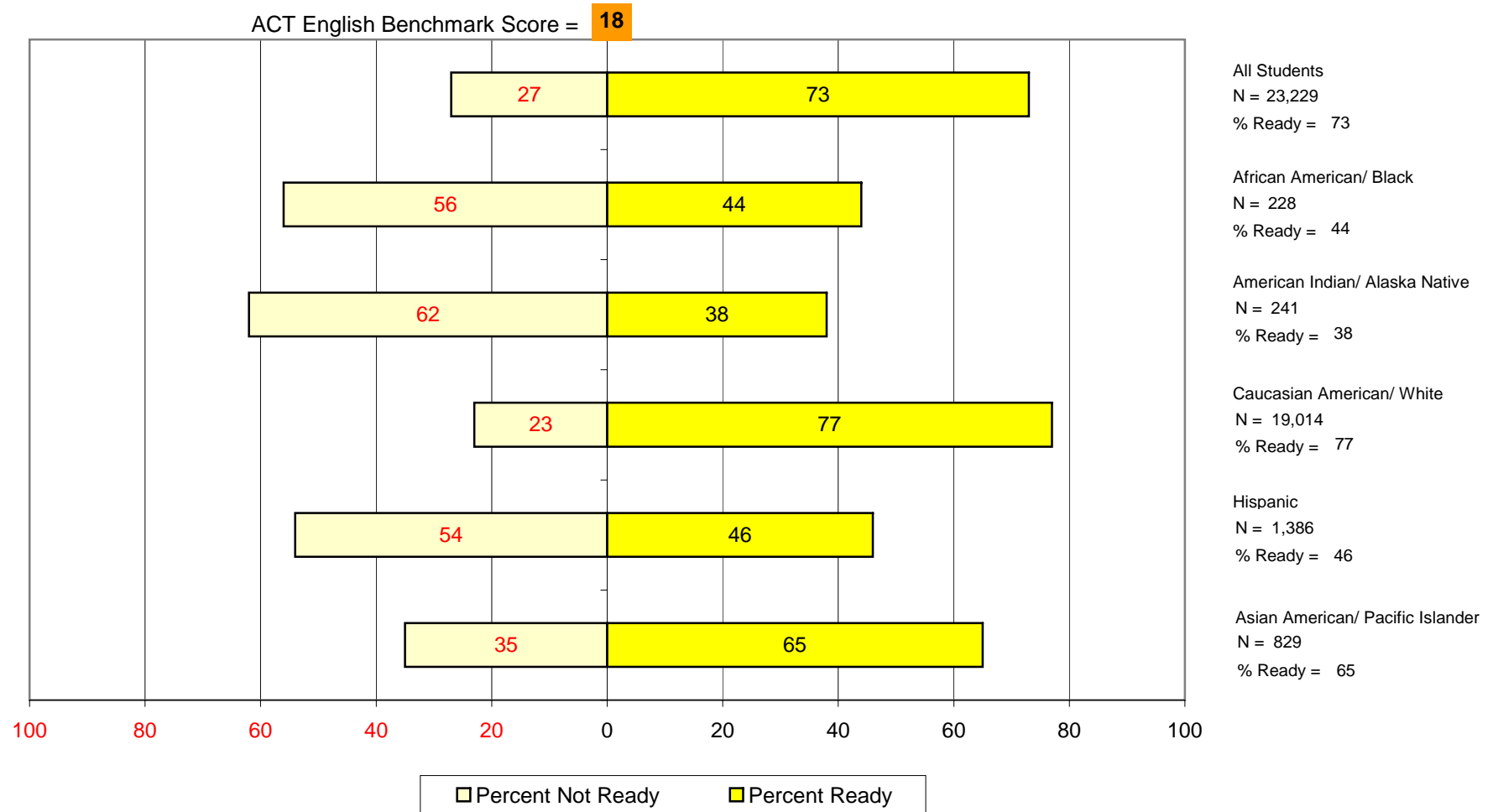
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

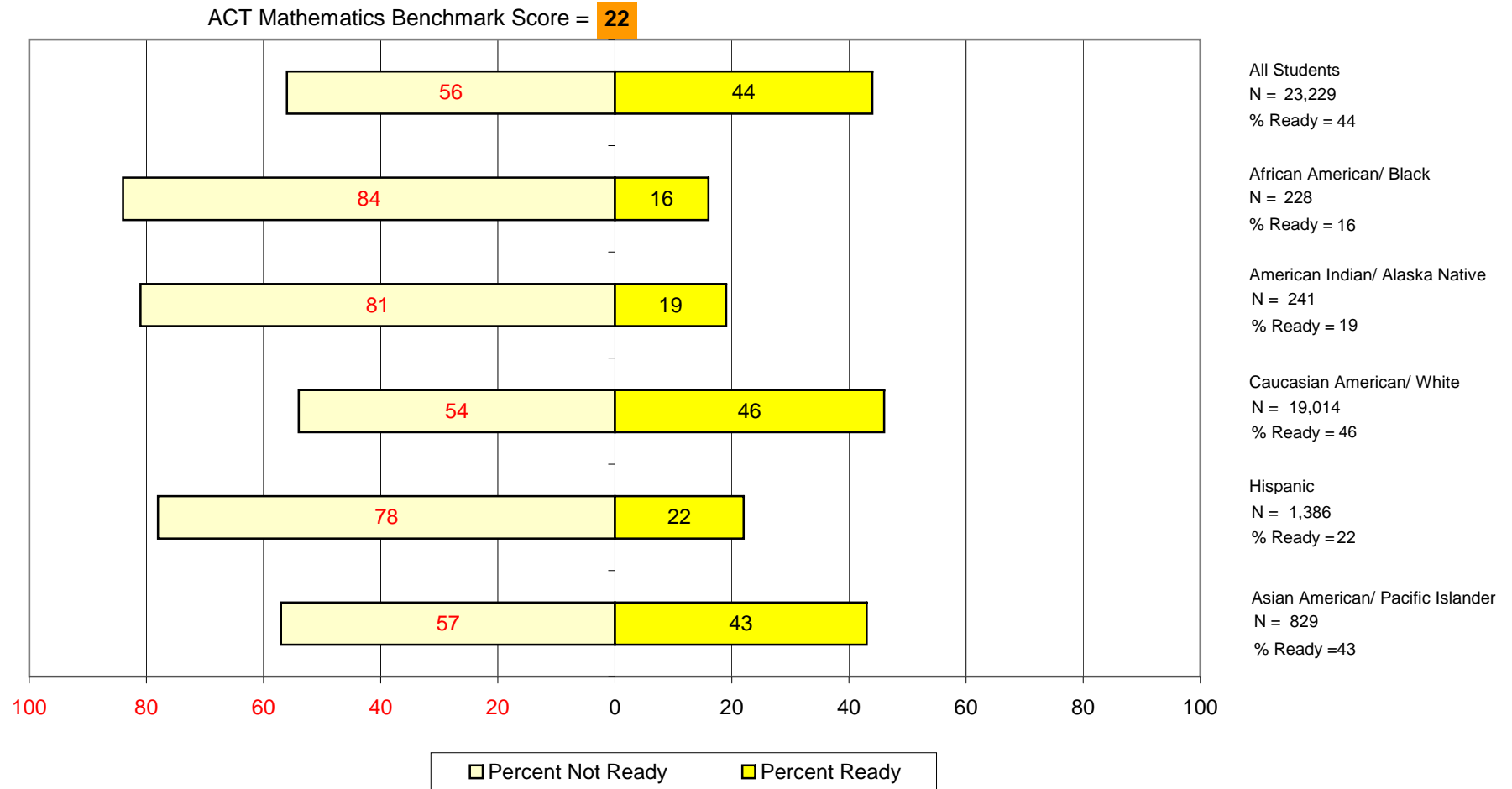
Total Students in Report: 23,229

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



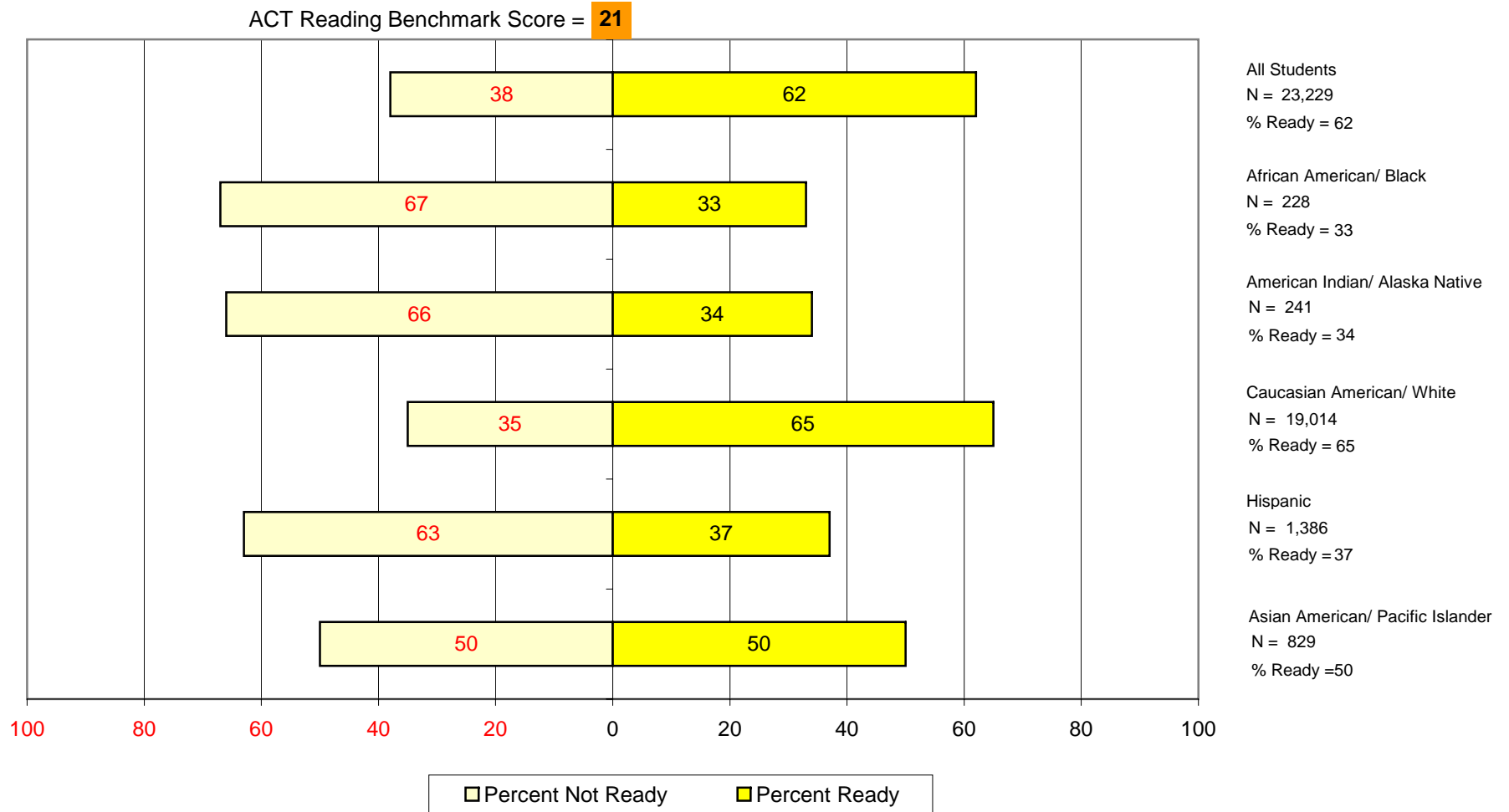
Total Students in Report: 23,229

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



Total Students in Report: 23,229

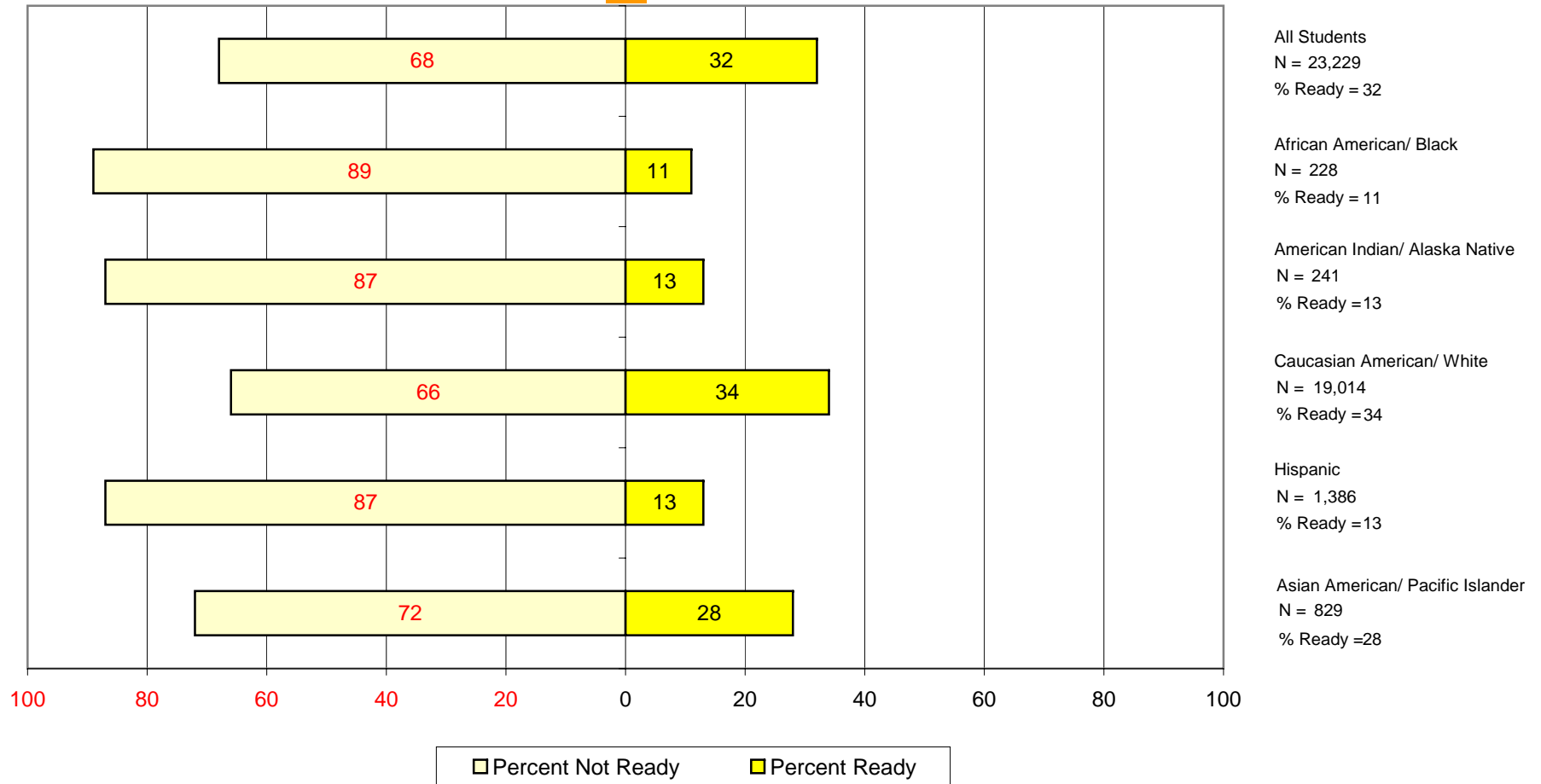
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**



Total Students in Report: 23,229

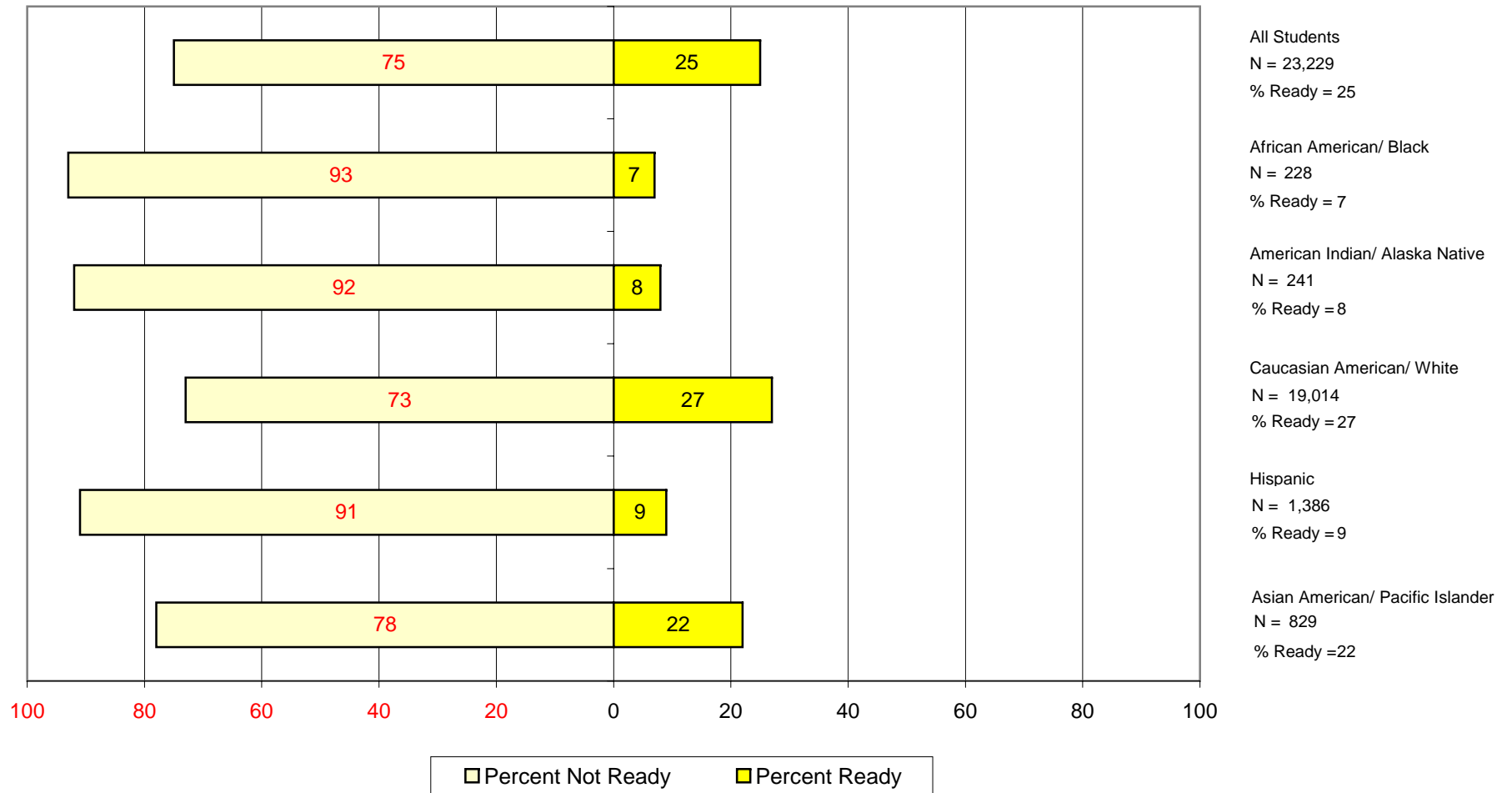
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 23,229

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



Total Students in Report: 23,229

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	7,497	32	22.2	2.5	3,273	30	21.8	2.4	4,206	34	22.4	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	14,481	62	21.1	1.4	7,074	65	20.9	1.5	7,381	60	21.3	1.3
Less than 4 years of English	1,072	5	19.7	-	480	4	19.4	-	587	5	20.0	-
No English course/grade information reported	179	1	19.5	-	83	1	18.4	-	92	1	20.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,015	4	24.2	7.6	536	5	24.8	7.7	476	4	23.5	7.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,600	7	22.3	5.7	641	6	22.8	5.7	956	8	21.9	5.7
Alg 1, Alg 2, Geom, & Trig	881	4	20.2	3.6	391	4	20.7	3.6	488	4	19.7	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	3,405	15	20.3	3.7	1,322	12	20.7	3.6	2,081	17	20.1	3.9
Other comb of 4 or more years of Math	9,593	41	23.2	6.6	5,061	46	24.0	6.9	4,513	37	22.3	6.1
Alg 1, Alg 2, & Geom (Min. Core)	4,049	17	17.7	1.1	1,718	16	18.2	1.1	2,317	19	17.3	1.1
Other comb of 3 or 3.5 years of Math	1,164	5	19.8	3.2	587	5	20.1	3.0	574	5	19.4	3.2
Less than 3 years of Math	1,339	6	16.6	-	568	5	17.1	-	768	6	16.2	-
No Math course/grade information reported	183	1	19.5	-	86	1	19.7	-	93	1	19.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	368	2	21.9	1.4	203	2	21.8	1.1	165	1	22.1	1.8
Other comb of 4 or more years Social Science	14,436	62	23.0	2.5	6,527	60	23.1	2.4	7,878	64	22.9	2.6
US Hist, World Hist, & Am Gov (Min. Core)	686	3	20.9	0.4	388	4	21.4	0.7	297	2	20.3	0.0
Other comb of 3 or 3.5 years of Social Science	6,419	28	22.2	1.7	3,085	28	22.3	1.6	3,323	27	22.2	1.9
Less than 3 years of Social Science	1,136	5	20.5	-	622	6	20.7	-	508	4	20.3	-
No Soc Sci course/grade information reported	184	1	21.3	-	85	1	21.0	-	95	1	21.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	7,714	33	22.4	2.2	4,148	38	23.1	2.6	3,549	29	21.7	1.8
Bio, Chem, Phys	1,463	6	23.9	3.7	768	7	24.9	4.4	694	6	22.8	2.9
Gen Sci ² , Bio, Chem (Min. Core)	6,265	27	21.4	1.2	2,379	22	21.9	1.4	3,872	32	21.1	1.2
Other comb of 3 years of Natural Science	2,657	11	21.3	1.1	1,531	14	21.9	1.4	1,121	9	20.4	0.5
Less than 3 years of Natural Science	4,939	21	20.2	-	1,995	18	20.5	-	2,932	24	19.9	-
No Nat Sci course/grade information reported	191	1	20.3	-	89	1	20.1	-	98	1	20.5	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 23,229

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	7,497	32	22.2	78	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	14,481	62	21.1	72	1,029,431	70	20.6	68
Less than 4 years of English	1,072	5	19.7	63	74,090	5	16.7	42
No English course/grade information reported	179	1	19.5	65	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,015	4	24.2	71	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,600	7	22.3	59	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	881	4	20.2	36	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,405	15	20.3	37	220,868	15	20.1	36
Other comb of 4 or more years of Math	9,593	41	23.2	62	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	4,049	17	17.7	12	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	1,164	5	19.8	31	70,732	5	20.1	35
Less than 3 years of Math	1,339	6	16.6	7	105,591	7	16.5	7
No Math course/grade information reported	183	1	19.5	27	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	368	2	21.9	58	46,754	3	22.8	61
Other comb of 4 or more years Social Science	14,436	62	23.0	65	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	686	3	20.9	49	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	6,419	28	22.2	59	420,236	28	21.3	52
Less than 3 years of Social Science	1,136	5	20.5	48	152,775	10	19.7	40
No Soc Sci course/grade information reported	184	1	21.3	53	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	7,714	33	22.4	39	563,824	38	22.2	39
Bio, Chem, Phys	1,463	6	23.9	53	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	6,265	27	21.4	29	459,833	31	20.1	21
Other comb of 3 years of Natural Science	2,657	11	21.3	28	41,353	3	19.8	21
Less than 3 years of Natural Science	4,939	21	20.2	21	233,215	16	18.4	11
No Nat Sci course/grade information reported	191	1	20.3	21	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 23,229

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	298	1	19.4	36	3	16.2	252	1	19.8
Architecture & Environmental Design	526	2	21.7	17	1	18.9	481	2	21.7
Business & Management	1,976	9	21.2	67	6	18.2	1,802	9	21.4
Business & Office	204	1	20.3	16	1	17.8	180	1	20.7
Marketing & Distribution	179	1	20.4	11	1	18.5	156	1	20.7
Communications & Comm. Technologies	410	2	21.9	17	1	19.9	374	2	22.1
Community & Personal Services	373	2	19.3	48	4	17.1	301	1	19.7
Computer & Information Sciences	525	2	22.8	25	2	20.0	464	2	23.0
Cross-Disciplinary Studies	32	0	23.9	0	0	.	30	0	23.9
Education	944	4	21.5	31	3	18.4	875	4	21.7
Teacher Education	669	3	20.7	24	2	17.1	619	3	20.9
Engineering	806	3	24.0	23	2	16.4	753	4	24.3
Engineering-Related Technologies	729	3	23.0	16	1	18.7	674	3	23.2
Foreign Languages	140	1	22.6	4	0	19.8	127	1	22.6
Health Sciences & Allied Health Fields	4,944	21	21.5	248	21	17.9	4,499	22	21.7
Human, Family & Consumer Science	394	2	20.3	43	4	17.8	327	2	20.7
Letters	235	1	24.8	5	0	18.2	225	1	25.0
Mathematics	192	1	24.9	3	0	21.7	176	1	25.0
Philosophy, Religion & Theology	74	0	22.6	2	0	20.0	68	0	22.7
Sciences (Biological & Physical)	1,287	6	23.9	21	2	17.8	1,207	6	24.1
Social Sciences	1,354	6	22.7	25	2	19.8	1,271	6	22.8
Trade & Industrial	362	2	19.0	109	9	17.6	237	1	19.7
Visual & Performing Arts	1,952	8	21.8	121	10	18.6	1,667	8	22.1
Undecided	4,257	18	21.7	244	21	17.8	3,551	17	22.0
No Response	367	2	19.7	12	1	18.0	101	0	20.7

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

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

Total Students in Report: 23,229

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	229	18.0	1	12.0	9	13.3	189	18.4	16	16.7	1	20.0	13	18.8
2-yr College Degree	939	18.0	9	15.4	28	15.7	754	18.3	73	16.0	23	17.8	52	17.3
Bachelors Degree	10,129	20.9	90	17.6	85	18.0	8,590	21.2	534	18.1	296	19.5	534	20.8
Graduate Study	4,389	23.2	31	19.7	28	19.1	3,744	23.5	177	19.9	143	21.9	266	23.2
Prof. Level Degree	5,899	23.3	70	18.7	63	19.8	4,555	23.8	457	20.1	294	22.8	460	22.9
Other	368	19.3	9	17.9	11	15.1	260	19.8	27	18.3	22	17.7	39	19.0
No Response	1,276	21.1	18	17.3	17	17.2	922	21.7	102	16.8	50	18.2	167	22.3

Total Students in Report: 23,229

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	8,112	2,762	5,350	1	5	19	32	27	14	2
UTAH STATE UNIVERSITY	Utah	7,084	1,950	5,134	0	5	20	33	28	13	1
BRIGHAM YOUNG UNIVERSITY	Utah	5,985	3,069	2,916	0	2	12	29	33	21	3
UTAH VALLEY UNIVERSITY	Utah	4,751	1,177	3,574	1	7	26	34	23	9	0
WEBER STATE UNIVERSITY	Utah	4,019	1,321	2,698	1	8	26	34	22	8	1
SOUTHERN UTAH UNIVERSITY	Utah	3,420	807	2,613	1	6	25	37	23	9	0
DIXIE STATE COLLEGE OF UTAH	Utah	2,359	644	1,715	1	10	32	37	16	3	0
SALT LAKE COMMUNITY COLLEGE	Utah	2,200	611	1,589	2	13	33	33	15	4	0
SNOW COLLEGE	Utah	2,032	523	1,509	2	11	31	34	17	5	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	1,982	290	1,692	0	2	15	33	31	17	1
WESTMINSTER COLLEGE	Utah	1,032	222	810	1	7	19	31	28	13	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	555	68	487	0	3	15	31	34	16	1
NCAA ELIGIBILITY CENTER	Indiana	460	202	258	1	5	23	38	23	9	1
COLLEGE OF EASTERN UTAH	Utah	429	148	281	2	15	33	28	18	4	0
STANFORD UNIVERSITY	California	334	60	274	0	0	4	12	27	46	12
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	228	36	192	0	7	22	32	23	12	3
LDS BUSINESS COLLEGE	Utah	203	35	168	1	10	36	29	17	6	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	200	33	167	1	5	17	18	34	21	5
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	188	26	162	0	5	16	25	37	15	2
HARVARD COLLEGE	Massachusetts	168	19	149	0	1	3	14	23	44	15
UNIVERSITY OF WASHINGTON	Washington	164	24	140	1	3	9	24	37	24	3
UNIVERSITY OF OREGON	Oregon	138	28	110	0	1	14	33	33	17	2
COLORADO STATE UNIVERSITY	Colorado	116	17	99	1	5	28	24	26	16	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	113	15	98	0	3	5	15	32	37	8
BOISE STATE UNIVERSITY	Idaho	106	15	91	0	5	22	35	25	11	2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	106	21	85	0	1	2	6	20	44	27
NORTHERN ARIZONA UNIVERSITY	Arizona	106	13	93	2	11	18	33	25	10	0
SAN DIEGO STATE UNIVERSITY	California	106	19	87	0	3	24	31	29	13	0
UNIVERSITY OF ARIZONA	Arizona	102	12	90	2	5	21	36	25	9	2
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	99	14	85	0	5	35	33	16	9	1
All Other Institutions		5,691	1,114	4,577	1	6	19	27	25	18	3
Total		52,588	15,295	37,293	1	6	21	32	25	13	2

Section V Optional Writing Test Results

Total Students in Report: 23,229

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	5,343	814,713	22.8	21.5	7.5	7.2	22.1	20.8
African American/Black	69	96,225	18.7	16.5	7.0	6.4	18.7	16.5
American Indian/Alaska Native	49	5,489	19.4	18.9	6.9	6.7	19.1	18.5
Caucasian American/White	4,131	497,164	23.3	22.8	7.5	7.3	22.5	21.9
Hispanic	352	85,681	18.9	18.4	7.3	7.0	19.1	18.4
Asian American/Pacific Islander	267	44,716	22.0	23.5	7.4	7.6	21.4	22.8
Other/No Response	475	85,438	23.2	21.4	7.5	7.2	22.4	20.8
Males	2,431	357,025	22.6	21.1	7.3	6.9	21.8	20.3
Females	2,900	455,190	23.0	21.7	7.6	7.4	22.4	21.2
Missing	12	2,498	21.8	22.1	7.4	7.2	21.3	21.3

