

ACT Profile Report - State

Graduating Class 2012
Indiana



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2012 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 2012 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

32% 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: 22,372 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. 80% 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 1% of the cohort took less than three years of math courses. Of these students, 12% were college ready. 13% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 15% of these students were college ready. In comparison, 65% 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 15% of the cohort took less than three years of natural science courses. 29% of these students were college ready. In comparison, 38% 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 32% 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 847-634-2560.

Section I

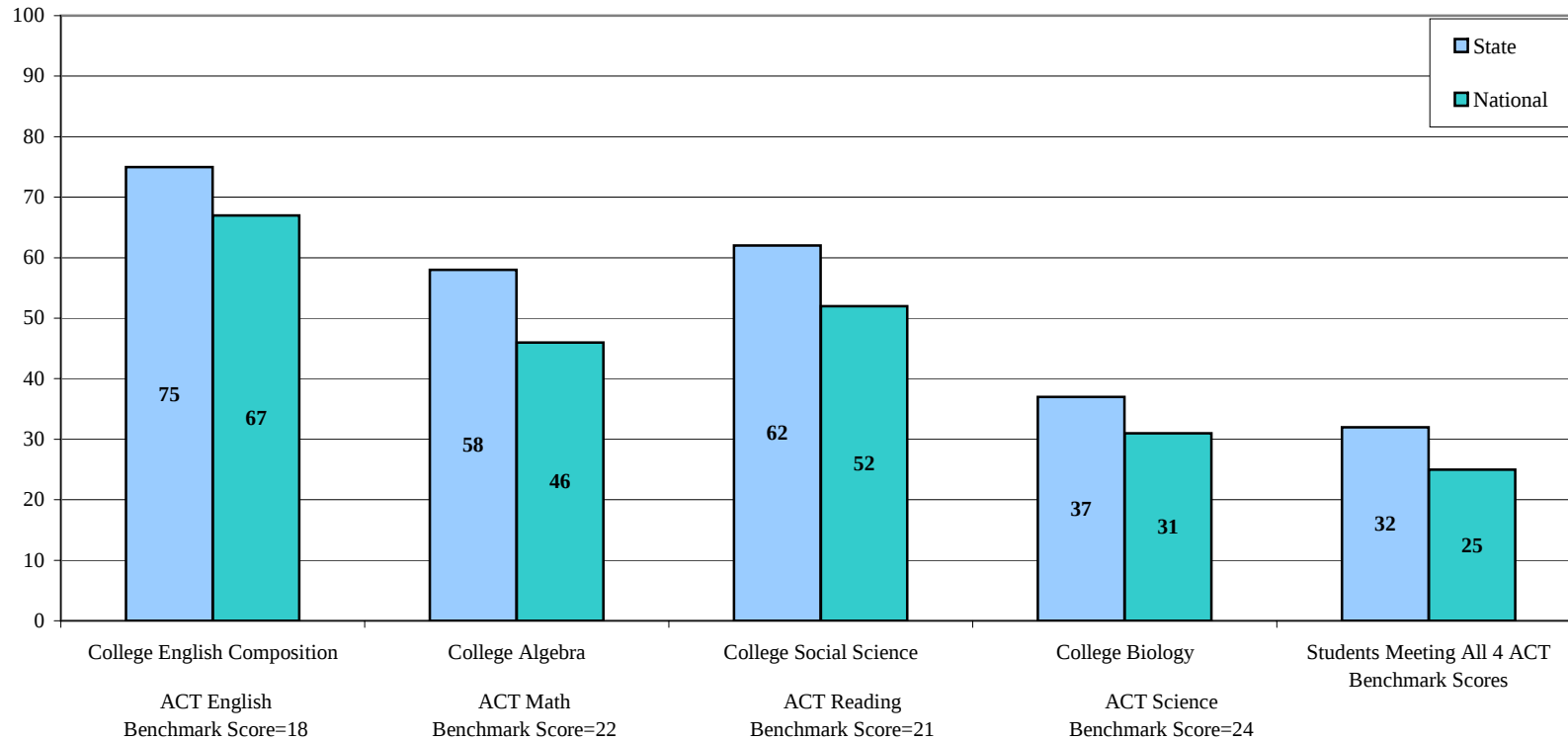
Executive Summary

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: 22,372

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: 22,372

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
2008	15,884	1,421,941	74	68	52	43	60	53	32	28	28	22
2009	17,321	1,480,469	75	67	54	42	61	53	33	28	28	23
2010	18,787	1,568,835	75	66	56	43	62	52	36	29	31	24
2011	20,462	1,623,112	75	66	57	45	62	52	36	30	31	25
2012	22,372	1,666,017	75	67	58	46	62	52	37	31	32	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
2008	15,884	1,421,941	21.4	20.6	22.2	21.0	22.5	21.4	21.5	20.8	22.0	21.1
2009	17,321	1,480,469	21.6	20.6	22.4	21.0	22.6	21.4	21.6	20.9	22.2	21.1
2010	18,787	1,568,835	21.7	20.5	22.4	21.0	22.6	21.3	21.9	20.9	22.3	21.0
2011	20,462	1,623,112	21.7	20.6	22.4	21.1	22.6	21.3	21.9	20.9	22.3	21.1
2012	22,372	1,666,017	21.7	20.5	22.5	21.1	22.6	21.3	21.9	20.9	22.3	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
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
2012	1,666,017		20.5	21.1	21.3	20.9	21.1

Total Students in Report: 22,372

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	Less than Core	English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core			Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2008	10,573	4,033	67	25	21.9	20.3	22.7	21.1	22.9	21.7	21.9	20.6	22.5	21.1
2009	13,565	3,498	78	20	22.0	20.5	22.8	21.0	22.9	21.5	22.0	20.5	22.5	21.0
2010	14,845	3,750	79	20	22.1	20.4	22.9	20.9	22.9	21.5	22.2	20.8	22.7	21.1
2011	16,222	4,086	79	20	22.0	20.6	22.8	21.2	22.8	21.6	22.1	20.9	22.6	21.2
2012	17,823	4,381	80	20	22.0	20.4	22.9	21.2	22.9	21.5	22.2	20.8	22.6	21.1

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

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	15,884	100	22.0	17,321	100	22.2	18,787	100	22.3	20,462	100	22.3	22,372	100	22.3
Black/African American	1,561	10	17.4	1,787	10	17.6	2,072	11	17.5	2,191	11	17.5	2,275	10	17.3
American Indian/Alaska Native	40	0	21.8	53	0	21.1	48	0	22.2	42	0	20.7	45	0	20.7
White	11,940	75	22.6	13,526	78	22.8	14,483	77	23.0	15,643	76	23.0	16,955	76	23.1
Hispanic/Latino	456	3	19.7	531	3	19.7	677	4	20.2	936	5	20.3	1,183	5	20.2
Asian	323	2	24.5	369	2	25.0	445	2	25.1	475	2	24.7	508	2	24.8
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	7	0	21.3	21	0	20.3
Two or more races	313	2	20.8	392	2	21.2	459	2	21.1	547	3	21.3	657	3	21.5
Prefer not to respond/No response	1,251	8	23.3	663	4	23.5	603	3	22.4	621	3	22.6	728	3	23.2

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

Total Students in Report: 22,372

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



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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: 22,372

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	79	100	105	100	215	100	118	100	20	100	36
35	236	100	175	100	235	99	115	99	77	100	35
34	393	99	275	99	387	98	107	99	144	100	34
33	376	97	314	98	554	96	164	98	220	99	33
32	454	95	307	96	636	94	241	98	383	98	32
31	453	93	316	95	819	91	332	97	465	96	31
30	549	91	527	93	729	87	372	95	608	94	30
29	606	89	594	91	801	84	399	94	714	91	29
28	610	86	915	88	831	80	621	92	899	88	28
27	894	83	1,257	84	853	77	1,152	89	1,082	84	27
26	953	79	1,685	79	914	73	941	84	1,288	79	26
25	1,163	75	1,550	71	972	69	1,574	80	1,439	74	25
24	1,611	70	1,937	64	1,449	64	2,107	73	1,605	67	24
23	1,342	63	1,649	55	1,424	58	1,899	63	1,760	60	23
22	1,445	57	1,315	48	1,403	52	1,880	55	1,723	52	22
21	1,874	50	803	42	1,694	45	1,966	46	1,655	44	21
20	1,588	42	1,264	39	1,256	38	1,865	37	1,536	37	20
19	1,168	35	1,208	33	1,181	32	1,399	29	1,436	30	19
18	1,030	29	1,404	28	1,393	27	1,346	23	1,279	24	18
17	863	25	1,513	21	982	21	908	17	1,126	18	17
16	1,022	21	1,786	15	837	16	676	13	956	13	16
15	1,038	16	1,051	7	849	13	584	10	728	9	15
14	731	12	294	2	635	9	478	7	585	5	14
13	436	8	102	1	542	6	408	5	356	3	13
12	369	7	12	1	404	3	264	3	192	1	12
11	368	5	9	1	207	2	167	2	74	1	11
10	337	3	3	1	92	1	185	1	16	1	10
9	170	2	1	1	46	1	71	1	3	1	9
8	146	1	1	1	14	1	17	1	1	1	8
7	46	1	0	1	11	1	9	1	2	1	7
6	13	1	0	1	3	1	5	1	0	1	6
5	7	1	0	1	2	1	0	1	0	1	5
4	1	1	0	1	1	1	0	1	0	1	4
3	0	1	0	1	0	1	2	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.7 (6.0)		22.5 (5.1)		22.6 (6.0)		21.9 (4.9)		22.3 (5.0)		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: 22,372

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	1,015	100	245	100	730	100	961	100	1,337	100	337	100	319	100	18
17	1,165	95	308	99	1,138	97	1,460	96	1,366	94	175	98	89	99	17
16	1,452	90	1,372	98	1,522	92	1,651	89	1,126	88	810	98	920	98	16
15	1,041	84	1,431	91	1,373	85	1,619	82	1,718	83	1,207	94	1,501	94	15
14	1,672	79	1,895	85	1,721	79	1,944	75	2,039	75	2,567	89	2,118	87	14
13	1,175	72	2,143	77	2,088	71	1,891	66	2,632	66	3,426	77	2,421	78	13
12	2,020	66	2,655	67	2,681	62	2,031	57	2,335	54	2,564	62	2,988	67	12
11	2,263	57	2,952	55	1,932	50	2,023	48	2,283	44	2,969	50	2,617	54	11
10	2,739	47	2,195	42	2,070	41	2,010	39	1,761	34	3,205	37	2,839	42	10
9	2,073	35	2,590	32	2,104	32	1,978	30	1,485	26	2,243	23	2,370	29	9
8	1,646	26	1,617	20	1,720	22	1,660	21	1,844	19	1,536	13	1,733	19	8
7	1,459	18	1,101	13	1,759	15	1,017	14	1,566	11	615	6	1,218	11	7
6	1,076	12	706	8	763	7	1,007	10	570	4	364	3	603	6	6
5	678	7	589	5	424	3	707	5	200	1	210	2	167	3	5
4	495	4	410	3	205	2	235	2	73	1	59	1	323	2	4
3	267	2	128	1	88	1	134	1	29	1	48	1	22	1	3
2	131	1	32	1	46	1	38	1	5	1	10	1	91	1	2
1	5	1	3	1	8	1	6	1	3	1	27	1	33	1	1
Avg (SD)	11.0 (3.8)		11.0 (3.2)		11.4 (3.5)		11.6 (3.7)		12.0 (3.4)		11.5 (2.7)		11.1 (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)	26	26	27	25	26
Q2 (50th Percentile)	21	23	22	22	22
Q1 (25th Percentile)	18	18	18	19	19

Total Students in Report: 22,372

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	22,372	80	22.6	21.1
	Black/African American	2,275	80	17.5	16.8
	American Indian/Alaska Native	45	84	20.6	21.3
	White	16,955	80	23.4	21.8
	Hispanic/Latino	1,183	77	20.6	18.9
	Asian	508	81	25.1	23.1
	Native Hawaiian/Other Pac. Isl.	21	67	21.2	18.0
	Two or more races	657	79	21.8	20.4
	Prefer not/No Response	728	81	23.5	22.2
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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	21.7	22.5	22.6	21.9	22.3
	Black/African American	16.1	17.9	17.5	17.4	17.3
	American Indian/Alaska Native	19.7	20.9	21.1	20.8	20.7
	White	22.5	23.2	23.4	22.6	23.1
	Hispanic/Latino	19.2	20.6	20.5	20.1	20.2
	Asian	23.8	26.5	24.2	24.1	24.8
	Native Hawaiian/Other Pac. Isl.	20.0	20.4	20.3	20.0	20.3
	Two or more races	20.8	21.5	22.1	21.2	21.5
	Prefer not/No Response	22.8	23.3	23.4	22.6	23.2
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

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

Total Students in Report: 22,372

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	1,084	5	869	4	1,391	6	504	2
	28 to 32	2,672	12	2,659	12	3,816	17	1,965	9
	24 to 27	4,621	21	6,429	29	4,188	19	5,774	26
	20 to 23	6,249	28	5,031	22	5,777	26	7,610	34
	16 to 19	4,083	18	5,911	26	4,393	20	4,329	19
	13 to 15	2,205	10	1,447	6	2,026	9	1,470	7
	01 to 12	1,458	7	26	0	781	3	720	3
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	9,844	44	21.5	23.4	22.7	22.7	22.7
	Females	12,526	56	21.8	21.8	22.6	21.3	22.0
	Missing	2	0	16.5	14.5	17.5	19.0	17.0
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	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	74	64	62	44	38
	Females	76	53	62	31	27
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 22,372

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	17,823	77	22.0	60	22.9	64	22.9	39	22.2	34	22.6
	Less than Core	4,381	69	20.4	47	21.2	54	21.5	28	20.8	23	21.1
	Missing ³	168	66	20.0	48	21.5	56	21.6	31	20.9	27	21.1
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

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	21,724	76	21.8	21,905	58	22.6	21,538	63	22.7	18,755	38	22.1
	Less than Core	495	60	19.0	313	12	16.9	676	46	20.4	3,454	29	21.0
	Missing ³	153	68	20.4	154	49	21.7	158	58	22.0	163	32	21.0
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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

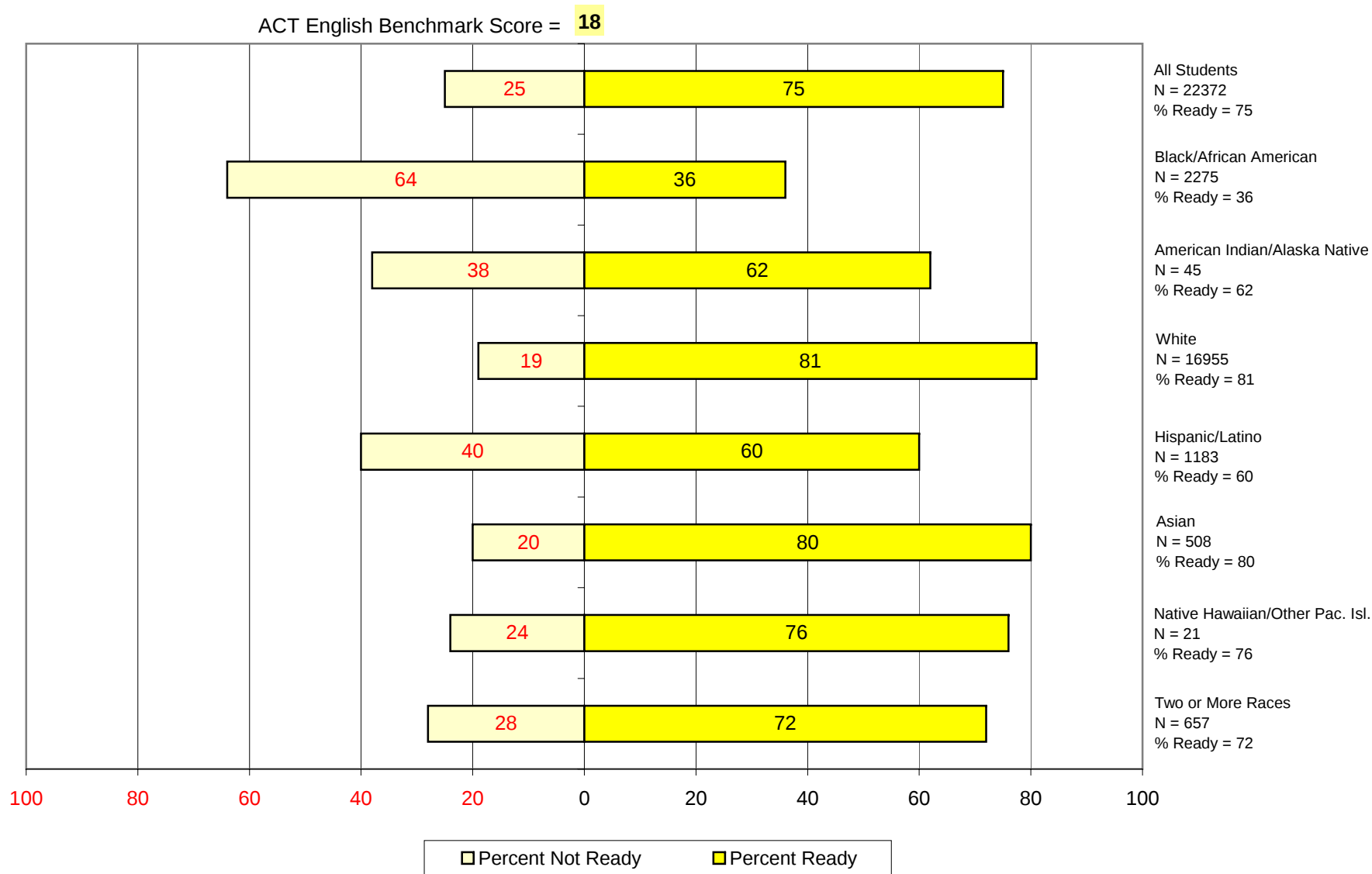
College Readiness and the Impact of Course Rigor

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.

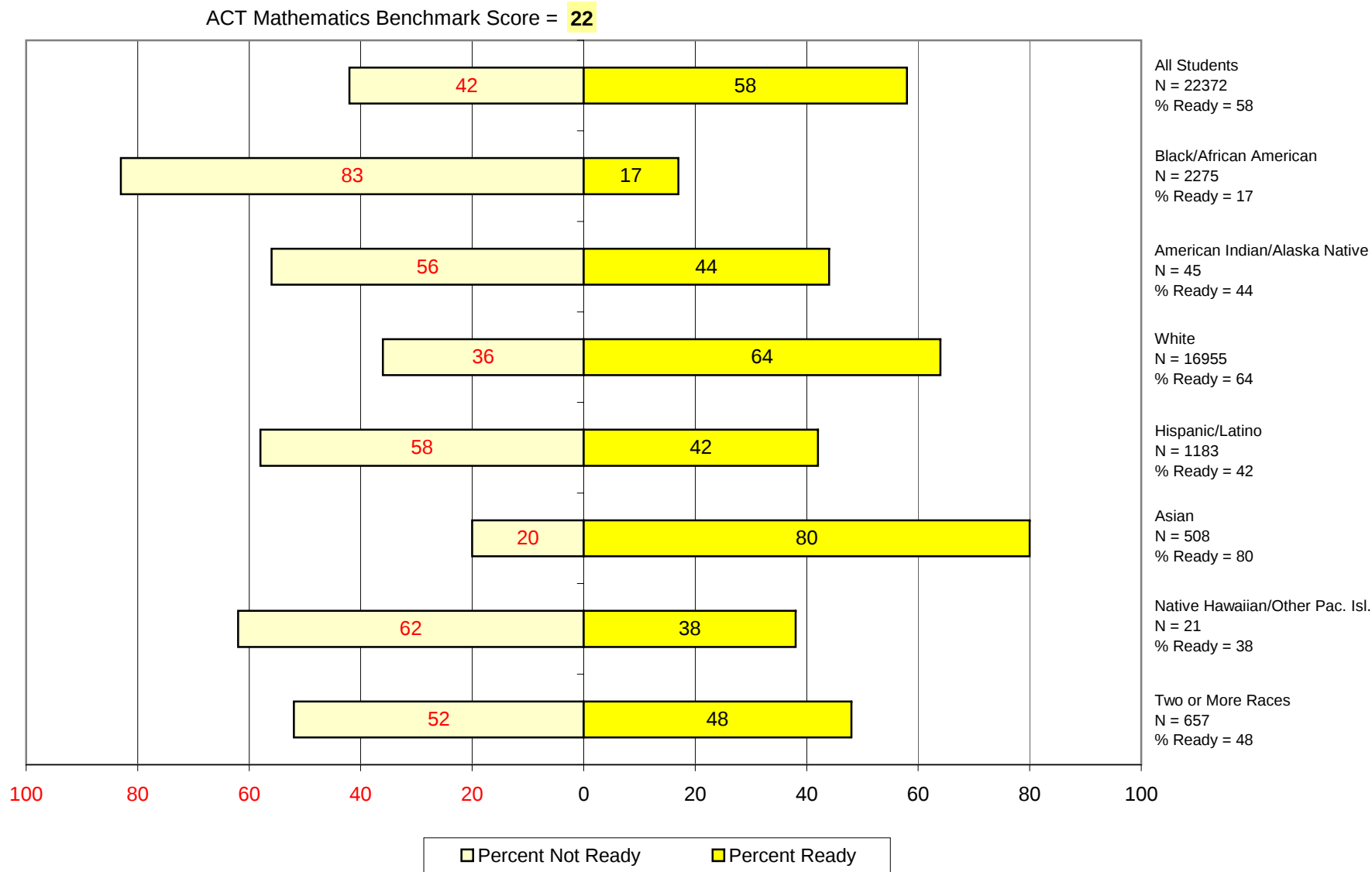
Total Students in Report: 22,372

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.

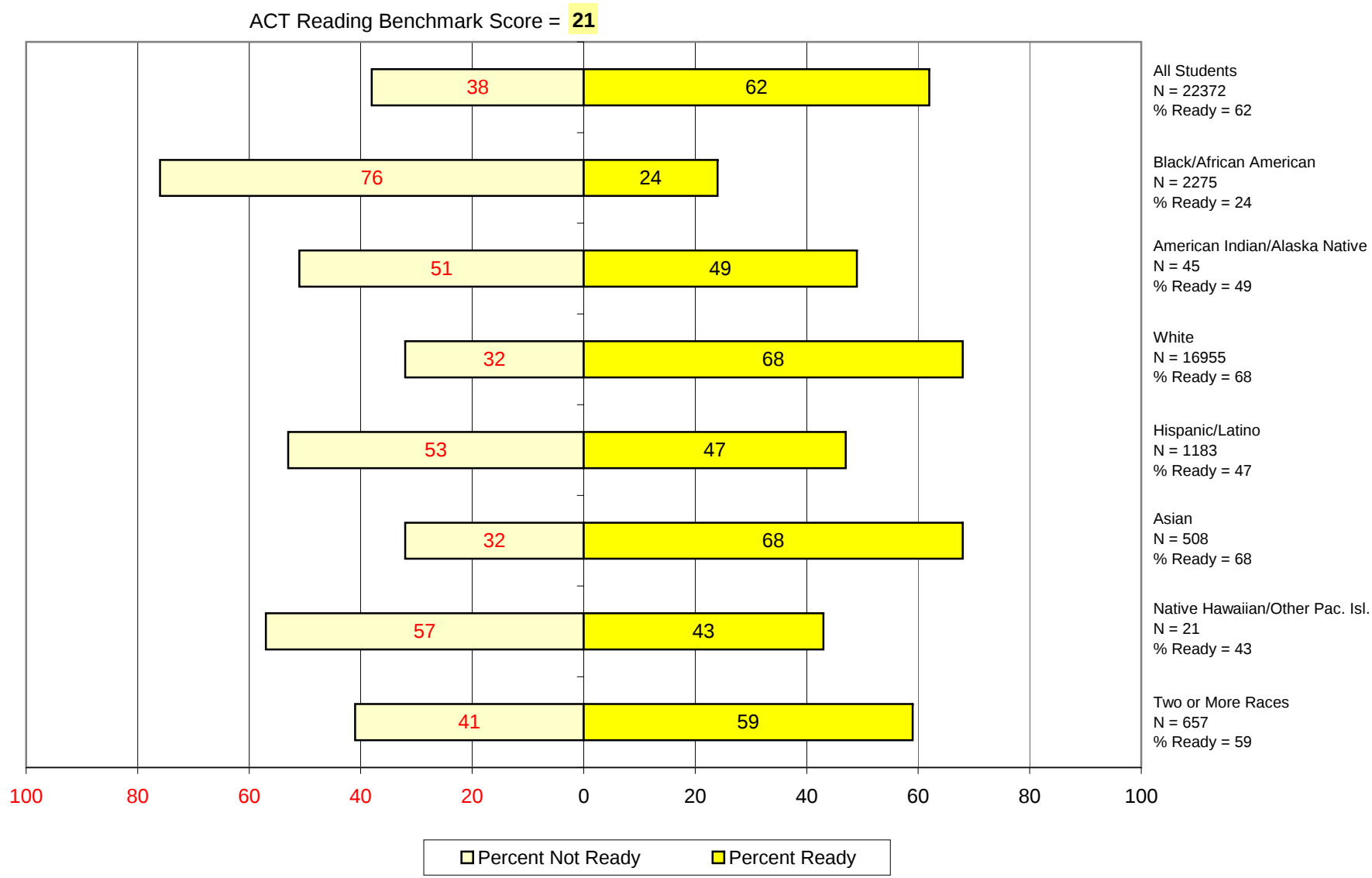
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS



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

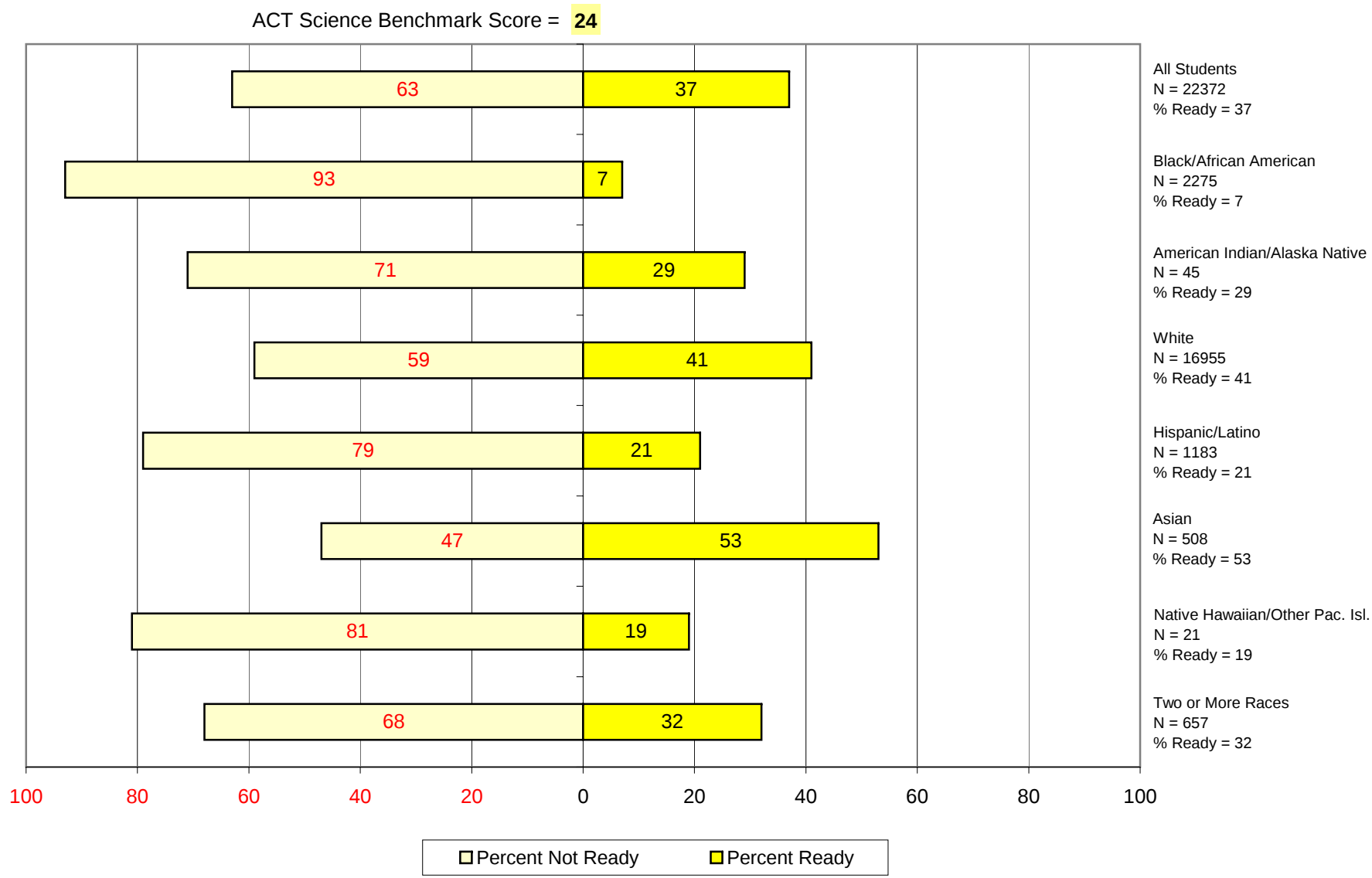
Total Students in Report: 22,372

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.

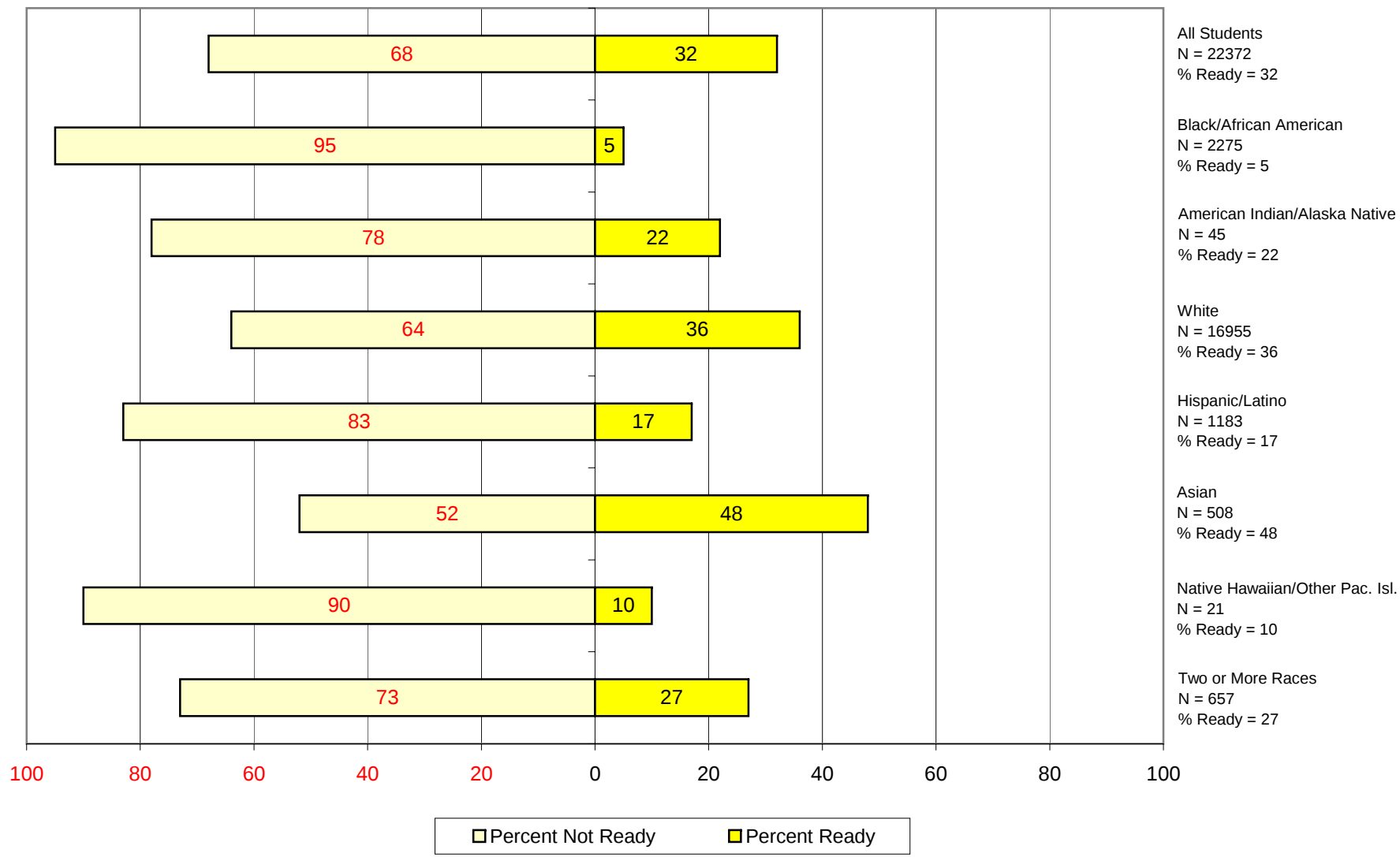
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 22,372

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: 22,372

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	6,731	30	22.5	3.5	2,662	27	22.3	4.0	4,069	32	22.7	3.2
Eng 9, Eng 10, Eng 11, Eng 12	14,993	67	21.4	2.4	6,897	70	21.3	3.0	8,095	65	21.5	2.0
Less than 4 years of English	495	2	19.0	-	214	2	18.3	-	280	2	19.5	-
Zero years / no English courses reported	153	1	20.4	-	71	1	20.1	-	82	1	20.6	-
MATHEMATICS COURSE PATTERN												
	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹
Alg 1, Alg 2, Geom, Trig, & Calc	1,867	8	25.5	8.6	854	9	26.3	9.5	1,013	8	24.9	8.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,377	11	22.5	5.6	902	9	23.3	6.5	1,475	12	22.0	5.1
Alg 1, Alg 2, Geom, & Trig	1,231	6	21.0	4.1	509	5	21.6	4.8	722	6	20.5	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	3,917	18	20.8	3.9	1,448	15	21.4	4.6	2,469	20	20.4	3.5
Other comb of 4 or more years of Math	8,468	38	24.9	8.0	4,142	42	25.8	9.0	4,326	35	24.0	7.1
Alg 1, Alg 2, & Geom	3,010	13	17.8	0.9	1,261	13	18.4	1.6	1,747	14	17.4	0.5
Other comb of 3 or 3.5 years of Math	1,035	5	21.8	4.9	502	5	22.5	5.7	533	4	21.2	4.3
Less than 3 years of Math	313	1	16.9	-	155	2	16.8	-	158	1	16.9	-
Zero years / no Math courses reported	154	1	21.7	-	71	1	22.6	-	83	1	21.0	-
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹
US Hist, World Hist, Am Gov, & Other Hist	83	0	24.5	4.1	52	1	23.7	3.8	31	0	25.9	5.0
Other comb of 4 or more years Social Science	13,797	62	22.9	2.5	5,937	60	23.1	3.2	7,859	63	22.8	1.9
US Hist, World Hist, & Am Gov	218	1	20.8	0.4	109	1	20.8	0.9	109	1	20.8	-0.1
Other comb of 3 or 3.5 years of Social Science	7,440	33	22.4	2.0	3,344	34	22.4	2.5	4,095	33	22.3	1.4
Less than 3 years of Social Science	676	3	20.4	-	332	3	19.9	-	344	3	20.9	-
Zero years / no Social Science courses reported	158	1	22.0	-	70	1	21.9	-	88	1	22.1	-
NATURAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹
Gen Sci ² , Bio, Chem, & Phys	7,804	35	22.1	1.1	3,838	39	22.9	1.6	3,966	32	21.3	0.5
Bio, Chem, Phys	4,711	21	24.0	3.0	2,347	24	24.8	3.5	2,364	19	23.1	2.3
Gen Sci ² , Bio, Chem	5,805	26	20.8	-0.2	2,142	22	21.1	-0.2	3,662	29	20.6	-0.2
Other comb of 3 years of Natural Science	435	2	19.6	-1.4	247	3	20.2	-1.1	188	2	18.8	-2.0
Less than 3 years of Natural Science	3,454	15	21.0	-	1,192	12	21.3	-	2,261	18	20.8	-
Zero years / no Natural Science courses reported	163	1	21.0	-	78	1	21.2	-	85	1	20.8	-

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: 22,372

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	6,731	30	22.5	80	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	14,993	67	21.4	74	1,178,400	71	20.5	67
Less than 4 years of English	495	2	19.0	60	64,748	4	16.5	41
Zero years / no English courses reported	153	1	20.4	68	42,707	3	16.5	40
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	1,867	8	25.5	82	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,377	11	22.5	64	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	1,231	6	21.0	47	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	3,917	18	20.8	45	279,658	17	19.9	36
Other comb of 4 or more years of Math	8,468	38	24.9	76	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	3,010	13	17.8	15	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,035	5	21.8	51	82,509	5	19.9	35
Less than 3 years of Math	313	1	16.9	12	69,741	4	16.6	8
Zero years / no Math courses reported	154	1	21.7	49	45,508	3	18.2	22
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	83	0	24.5	73	47,179	3	22.3	59
Other comb of 4 or more years Social Science	13,797	62	22.9	64	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	218	1	20.8	50	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	7,440	33	22.4	60	452,172	27	21.2	51
Less than 3 years of Social Science	676	3	20.4	46	149,266	9	19.7	40
Zero years / no Social Science courses reported	158	1	22.0	58	45,093	3	17.8	29
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	7,804	35	22.1	39	740,499	44	21.9	39
Bio, Chem, Phys	4,711	21	24.0	55	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	5,805	26	20.8	26	466,992	28	20.0	22
Other comb of 3 years of Natural Science	435	2	19.6	18	45,992	3	19.5	20
Less than 3 years of Natural Science	3,454	15	21.0	29	194,661	12	18.4	13
Zero years / no Natural Science courses reported	163	1	21.0	32	46,139	3	17.9	14

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: 22,372

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	312	1	21.8	15	3	18.0	283	1	22.0
Architecture	299	1	22.3	5	1	19.0	280	1	22.2
Area, Ethnic, & Multidisciplinary Studies	28	0	25.2	0	0	.	26	0	25.0
Arts: Visual & Performing	1,217	5	21.5	34	6	17.9	1,096	5	21.7
Business	2,351	11	21.8	67	12	17.5	2,127	11	22.0
Communications	589	3	21.8	14	3	18.3	540	3	21.9
Community, Family, & Personal Services	360	2	19.6	26	5	16.5	307	2	19.9
Computer Science & Mathematics	526	2	23.5	16	3	18.6	476	2	23.6
Education	1,407	6	21.2	20	4	16.9	1,318	7	21.3
Engineering	1,710	8	24.6	17	3	16.5	1,589	8	24.7
Engineering Technology & Drafting	277	1	21.2	11	2	16.4	250	1	21.3
English & Foreign Languages	310	1	25.0	6	1	18.5	282	1	25.0
Health Administration & Assisting	796	4	18.7	54	10	16.6	703	3	19.0
Health Sciences & Technologies	5,107	23	22.2	85	15	18.2	4,733	24	22.4
Philosophy, Religion, & Theology	172	1	22.4	5	1	16.6	148	1	22.6
Repair, Production, & Construction	109	0	18.4	44	8	17.4	57	0	19.2
Sciences: Biological & Physical	1,657	7	25.0	6	1	18.2	1,557	8	24.9
Social Sciences & Law	1,686	8	22.4	25	5	16.0	1,562	8	22.5
Undecided	3,210	14	22.2	90	16	18.2	2,692	13	22.4
No Response	246	1	20.6	14	3	14.9	108	1	21.7

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: 22,372

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	117	16.8	29	14.2	1	15.0	62	18.1	15	16.1
2-yr College Degree	437	17.6	57	14.6	0	.	329	18.3	28	16.7
Bachelors Degree	11,367	21.1	1,150	16.7	25	20.7	8,862	21.8	588	19.0
Graduate Study	3,704	24.1	276	18.7	3	21.7	2,963	24.7	171	22.6
Prof. Level Degree	5,064	24.5	571	18.9	10	21.6	3,539	25.4	298	21.9
Other	210	19.3	33	15.3	0	.	139	20.4	16	16.9
No Response	1,473	22.1	159	15.9	6	19.8	1,061	22.9	67	20.6

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	117	16.8	2	14.0	0	.	2	19.0	6	18.5
2-yr College Degree	437	17.6	3	16.7	0	.	9	18.1	11	15.2
Bachelors Degree	11,367	21.1	127	20.7	12	18.0	338	20.3	265	21.4
Graduate Study	3,704	24.1	75	24.4	1	15.0	89	23.0	126	23.7
Prof. Level Degree	5,064	24.5	254	27.1	6	24.2	172	23.6	214	25.6
Other	210	19.3	4	20.0	0	.	7	18.6	11	20.5
No Response	1,473	22.1	43	24.9	2	25.5	40	20.9	95	23.6

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

Total Students in Report: 22,372

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
INDIANA UNIVERSITY BLOOMINGTON	Indiana	5,151	2,156	2,995	0	3	14	31	32	18	2
PURDUE UNIVERSITY	Indiana	4,981	2,213	2,768	0	2	13	31	32	19	2
BALL STATE UNIVERSITY	Indiana	4,215	1,467	2,748	1	6	23	37	24	9	0
INDIANA UNIV-PURDUE UNIV INDIANAPOLIS	Indiana	2,327	609	1,718	2	9	26	34	21	8	0
BUTLER UNIVERSITY	Indiana	1,827	451	1,376	0	3	10	29	34	22	2
INDIANA STATE UNIVERSITY	Indiana	1,533	355	1,178	2	14	32	31	15	5	0
UNIVERSITY OF SOUTHERN INDIANA	Indiana	1,324	441	883	1	7	30	36	20	6	0
UNIVERSITY OF INDIANAPOLIS	Indiana	1,149	231	918	1	8	26	34	22	8	0
INDIANA UNIV-PURDUE UNIV AT FORT WAYNE	Indiana	761	239	522	1	7	29	36	20	6	1
NCAA ELIGIBILITY CENTER	Indiana	632	360	272	2	8	22	28	23	15	1
UNIVERSITY OF EVANSVILLE	Indiana	616	135	481	0	4	11	31	36	18	1
UNIVERSITY OF NOTRE DAME	Indiana	517	145	372	0	1	4	16	37	34	7
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	Indiana	472	91	381	0	0	4	18	32	36	11
VINCENNES UNIVERSITY	Indiana	447	130	317	5	19	34	29	11	3	0
INDIANA WESLEYAN UNIVERSITY	Indiana	430	133	297	1	4	17	33	35	9	1
DEPAUW UNIVERSITY	Indiana	419	84	335	0	1	7	27	35	27	1
HANOVER COLLEGE	Indiana	397	91	306	0	5	15	32	33	14	1
ANDERSON UNIVERSITY	Indiana	395	116	279	0	5	25	36	25	8	0
UNIVERSITY OF KENTUCKY	Kentucky	368	75	293	0	4	17	35	25	17	1
VALPARAISO UNIVERSITY	Indiana	352	67	285	1	5	18	32	30	14	1
UNIVERSITY OF LOUISVILLE	Kentucky	340	112	228	0	6	20	31	28	13	1
INDIANA UNIVERSITY SOUTHEAST	Indiana	331	113	218	1	9	27	35	20	6	0
PURDUE UNIVERSITY CALUMET	Indiana	322	114	208	2	13	29	34	18	3	1
MANCHESTER COLLEGE	Indiana	321	69	252	0	6	21	37	27	9	0
MARIAN UNIVERSITY-IN	Indiana	321	67	254	2	14	26	28	21	8	1
TAYLOR UNIVERSITY	Indiana	317	101	216	0	3	14	32	32	16	2
IVY TECH COMM COLL-CENTRAL INDIANA	Indiana	309	103	206	6	29	38	21	6	1	0
TRINE UNIVERSITY	Indiana	307	83	224	1	3	16	37	26	15	2
MIAMI UNIVERSITY	Ohio	304	54	250	0	1	6	21	40	29	3
FRANKLIN COLLEGE	Indiana	291	73	218	0	8	30	33	21	7	0
All Other Institutions		14,891	4,026	10,865	1	6	18	27	26	19	3
Total		46,367	14,504	31,863	1	6	19	30	27	16	2

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: 22,372

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

	N		Average ACT Scores					
	State	National	English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	16,960	931,148	22.1	21.5	7.0	7.1	21.1	20.7
Black/African American	1,657	113,247	16.4	16.6	6.3	6.2	16.3	16.4
American Indian/Alaska Native	31	5,233	19.6	17.8	6.5	6.5	18.9	17.5
White	12,859	518,974	22.9	23.2	7.1	7.2	21.8	22.1
Hispanic/Latino	908	150,249	19.3	18.5	6.9	6.8	19.0	18.3
Asian	434	53,381	24.3	23.7	7.6	7.6	23.3	22.8
Native Hawaiian/Other Pac. Isl.	15	2,851	21.1	19.9	7.3	7.1	20.7	19.6
Two or more races	493	32,346	21.0	21.9	6.8	7.1	20.1	21.1
Prefer not/No Response	563	54,867	23.2	21.8	7.0	7.1	22.0	21.0
Males	7,356	413,617	21.9	21.2	6.8	6.8	20.7	20.3
Females	9,602	515,745	22.2	21.7	7.2	7.2	21.3	21.1
Missing	2	1,786	16.5	16.8	6.0	6.3	16.5	16.6

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

