

# ACT High School Profile Report

The Graduating Class of 2006  
Louisiana





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This report provides information about the performance of your 2006 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

**Performance** - student test performance in the context of college readiness

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

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

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

**Awareness** - extent to which student aspirations match performance

**Articulation** - college and universities to which your students send test results

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

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

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

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

**The ACT: A Test Like No Other**

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](http://www.act.org)

## How to Improve Scores and Increase College Readiness

14% of 2006 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT.** 33,139 ACT-tested graduates are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY.** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 70% 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 8% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 22% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 8% of these students were college ready. In comparison, 40% of the students who advanced beyond minimum core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 9% of the cohort took less than three years of natural science courses. 6% of these students were college ready. In comparison, 20% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES.** Table 2.4 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 59% 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](http://www.act.org/standard).

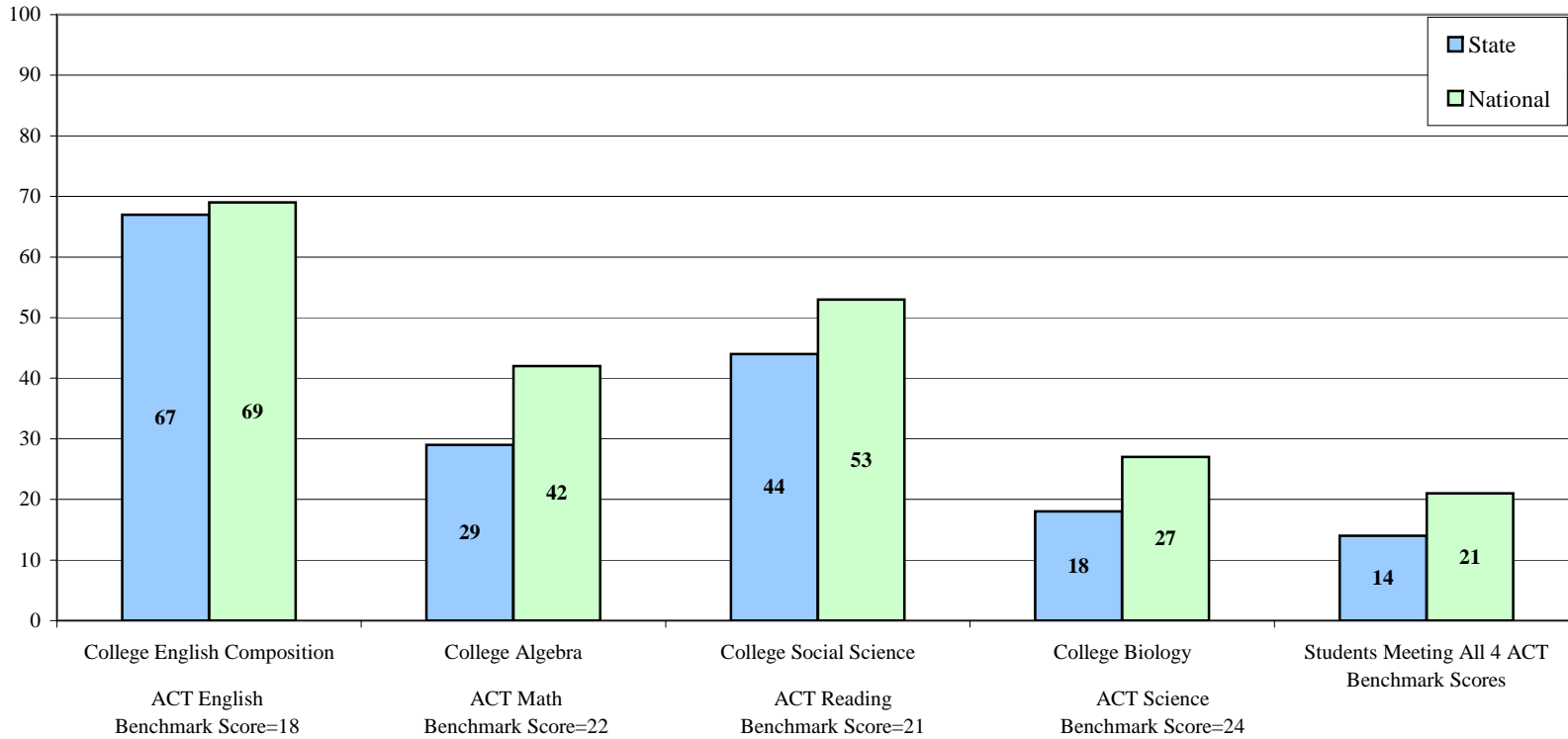
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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 512-345-1949.

# Section I

## Executive Summary

**Figure 1.1. Percent of ACT-Tested Students Ready for College-Level Coursework**



**A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses.**



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

Grad Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	36,360	1,116,082	64	67	26	39	42	53	17	26	12	20
2003	37,336	1,175,059	64	67	26	40	42	52	17	26	12	20
2004	36,661	1,171,460	64	68	28	40	41	52	18	26	13	21
2005	35,742	1,186,251	64	68	28	41	41	51	18	26	13	21
<b>2006</b>	<b>33,139</b>	<b>1,206,455</b>	<b>67</b>	<b>69</b>	<b>29</b>	<b>42</b>	<b>44</b>	<b>53</b>	<b>18</b>	<b>27</b>	<b>14</b>	<b>21</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2002	36,360	1,116,082	19.7	20.2	18.9	20.6	19.7	21.1	19.6	20.8	19.6	20.8
2003	37,336	1,175,059	19.7	20.3	18.9	20.6	19.8	21.2	19.6	20.8	19.6	20.8
2004	36,661	1,171,460	19.9	20.4	19.2	20.7	19.9	21.3	19.7	20.9	19.8	20.9
2005	35,742	1,186,251	19.9	20.4	19.2	20.7	19.8	21.3	19.7	20.9	19.8	20.9
<b>2006</b>	<b>33,139</b>	<b>1,206,455</b>	<b>20.3</b>	<b>20.6</b>	<b>19.4</b>	<b>20.8</b>	<b>20.1</b>	<b>21.4</b>	<b>19.9</b>	<b>20.9</b>	<b>20.1</b>	<b>21.1</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2002	1,116,082	20.2	20.6	21.1	20.8	20.8
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
<b>2006</b>	<b>1,206,455</b>	<b>20.6</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</b>	<b>21.1</b>

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

Grad Year	Number of Students Tested		Percent <sup>1</sup>		Average ACT Scores									
	Core or More	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
2002	25,822	8,993	71	25	20.8	16.6	19.7	16.5	20.6	17.0	20.4	17.4	20.5	17.0
2003	26,197	9,159	70	25	20.8	16.7	19.7	16.7	20.6	17.3	20.3	17.6	20.5	17.2
2004	26,078	8,617	71	24	20.9	16.8	19.9	17.1	20.6	17.4	20.4	17.7	20.6	17.4
2005	25,288	8,210	71	23	20.7	17.1	19.8	17.2	20.5	17.5	20.2	17.9	20.5	17.6
<b>2006</b>	<b>23,328</b>	<b>7,310</b>	<b>70</b>	<b>22</b>	<b>21.1</b>	<b>17.5</b>	<b>20.0</b>	<b>17.5</b>	<b>20.8</b>	<b>17.9</b>	<b>20.4</b>	<b>18.1</b>	<b>20.7</b>	<b>17.9</b>

<sup>1</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity**

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>36,360</b>	<b>100</b>	<b>19.6</b>	<b>37,336</b>	<b>100</b>	<b>19.6</b>	<b>36,661</b>	<b>100</b>	<b>19.8</b>	<b>35,742</b>	<b>100</b>	<b>19.8</b>	<b>33,139</b>	<b>100</b>	<b>20.1</b>
African American/Black	10,314	28	16.5	10,775	29	16.7	10,605	29	16.9	10,550	30	16.8	8,862	27	17.2
American Indian/Alaskan Native	255	1	19.0	274	1	19.2	267	1	19.4	261	1	19.3	248	1	18.9
Caucasian American/White	22,457	62	21.0	22,738	61	21.0	22,188	61	21.2	21,308	60	21.2	20,136	61	21.3
Hispanic	706	2	20.0	726	2	19.9	724	2	19.8	759	2	20.0	716	2	20.3
Asian American/Pacific Islander	745	2	20.3	788	2	20.8	767	2	21.0	744	2	20.8	729	2	21.5
Other/No Response	1,883	5	19.6	2,035	5	19.7	2,110	6	19.9	2,120	6	19.8	2,448	7	20.0

# Section II

# Academic Achievement

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages for All Students**

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
36	45	100	21	100	88	100	29	100	1	100	36
35	206	100	55	100	168	100	84	100	33	100	35
34	340	99	99	100	313	99	81	100	60	100	34
33	277	98	97	99	322	98	85	99	105	100	33
32	333	97	125	99	351	97	137	99	166	99	32
31	446	96	186	99	506	96	183	99	253	99	31
30	616	95	252	98	572	95	88	98	404	98	30
29	677	93	419	97	675	93	268	98	495	97	29
28	941	91	530	96	850	91	424	97	757	95	28
27	864	88	873	95	912	88	509	96	928	93	27
26	1,261	86	1,136	92	1,339	86	1,341	94	958	90	26
25	1,582	82	1,222	89	1,297	82	1,071	90	1,415	87	25
24	1,658	77	1,648	85	1,406	78	1,805	87	1,660	83	24
23	1,833	72	1,464	80	2,066	73	2,393	82	2,083	78	23
22	1,989	67	1,635	75	1,727	67	2,504	74	2,229	72	22
21	2,575	61	1,774	71	2,117	62	3,133	67	2,737	65	21
20	2,591	53	2,036	65	1,985	56	3,254	57	3,156	57	20
19	2,300	45	2,360	59	2,436	50	3,594	48	2,436	47	19
18	1,726	38	3,087	52	2,106	42	3,284	37	2,642	40	18
17	1,612	33	3,695	43	2,067	36	2,344	27	2,610	32	17
16	1,951	28	4,457	31	1,806	30	1,612	20	2,516	24	16
15	1,977	22	3,003	18	1,622	24	1,332	15	2,138	17	15
14	1,696	16	2,082	9	2,483	19	1,087	11	1,602	10	14
13	846	11	580	3	1,522	12	893	8	1,010	5	13
12	797	8	230	1	1,298	7	609	5	527	2	12
11	639	6	52	1	707	3	522	3	175	1	11
10	496	4	8	1	221	1	281	1	36	1	10
9	355	3	11	1	99	1	129	1	5	1	9
8	324	2	0	1	46	1	37	1	2	1	8
7	146	1	1	1	12	1	17	1	0	1	7
6	31	1	1	1	9	1	6	1	0	1	6
5	7	1	0	1	6	1	3	1	0	1	5
4	1	1	0	1	4	1	0	1	0	1	4
3	0	1	0	1	0	1	0	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
Average	20.3		19.4		20.1		19.9		20.1		Average

<sup>1</sup>Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages for All Students**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
18	823	100	173	100	263	100	527	100	402	100	105	100	113	100	18
17	1,077	98	538	99	1,146	99	1,028	98	541	99	172	100	149	100	17
16	1,266	94	1,062	98	1,002	96	1,506	95	1,382	97	304	99	357	99	16
15	1,490	90	1,838	95	1,205	93	1,907	91	1,258	93	615	98	800	98	15
14	1,923	86	2,174	89	1,784	89	2,093	85	1,567	89	1,555	96	1,679	96	14
13	2,260	80	2,401	83	2,189	84	2,373	79	2,704	84	1,575	92	2,132	91	13
12	2,739	73	2,992	75	3,007	77	3,107	72	3,290	76	3,954	87	3,040	84	12
11	3,457	65	4,612	66	3,783	68	2,799	62	2,757	66	3,205	75	2,725	75	11
10	3,533	55	4,068	52	3,436	57	3,102	54	3,182	58	5,749	65	6,218	67	10
9	3,208	44	3,758	40	4,563	46	2,982	44	3,412	48	6,659	48	5,172	48	9
8	3,327	34	3,590	29	4,104	32	2,612	35	4,608	38	3,586	28	3,808	32	8
7	2,667	24	2,257	18	2,701	20	2,601	27	4,895	24	1,888	17	2,598	21	7
6	2,278	16	1,516	11	1,990	12	3,305	20	2,137	9	1,604	11	2,228	13	6
5	1,425	9	1,366	7	871	6	1,721	10	642	3	1,159	7	263	6	5
4	1,041	5	575	2	649	3	1,084	4	243	1	537	3	1,227	6	4
3	475	2	173	1	331	1	268	1	84	1	325	1	120	2	3
2	137	1	39	1	87	1	120	1	32	1	62	1	418	2	2
1	13	1	7	1	28	1	4	1	3	1	85	1	92	1	1
Average	10.2		10.3		10.2		10.2		10.1		9.7		9.6		Average

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

**Table 2.3. Average ACT Composite Scores by Level of Preparation by Race/Ethnicity**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	33,139	70	20.7	17.9
	African Am./Black	8,862	67	17.8	15.7
	Am. Indian/Alaskan Native	248	71	19.5	17.4
	Caucasian Am./White	20,136	73	21.9	19.3
	Hispanic	716	72	20.9	18.1
	Asian Am./Pacific Islander	729	80	21.7	20.0
	Other/No Response	2,448	57	20.7	18.2
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

**Table 2.4. 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	868	3	272	1	891	3	279	1
	28 to 32	3,013	9	1,512	5	2,954	9	1,100	3
	24 to 27	5,365	16	4,879	15	4,954	15	4,726	14
	20 to 23	8,988	27	6,909	21	7,895	24	11,284	34
	16 to 19	7,589	23	13,599	41	8,415	25	10,834	33
	13 to 15	4,519	14	5,665	17	5,627	17	3,312	10
	01 to 12	2,797	8	303	1	2,403	7	1,604	5
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

**Table 2.5. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	14,183	43	19.8	20.1	19.9	20.3	20.2
	Females	18,320	55	20.6	19.0	20.3	19.5	20.0
	Missing	636	2	20.1	19.3	20.1	19.7	19.9
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

**Table 2.6. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	64	35	43	23	17
	Females	70	25	46	15	11
National	Males	66	47	51	32	25
	Females	71	37	55	23	18

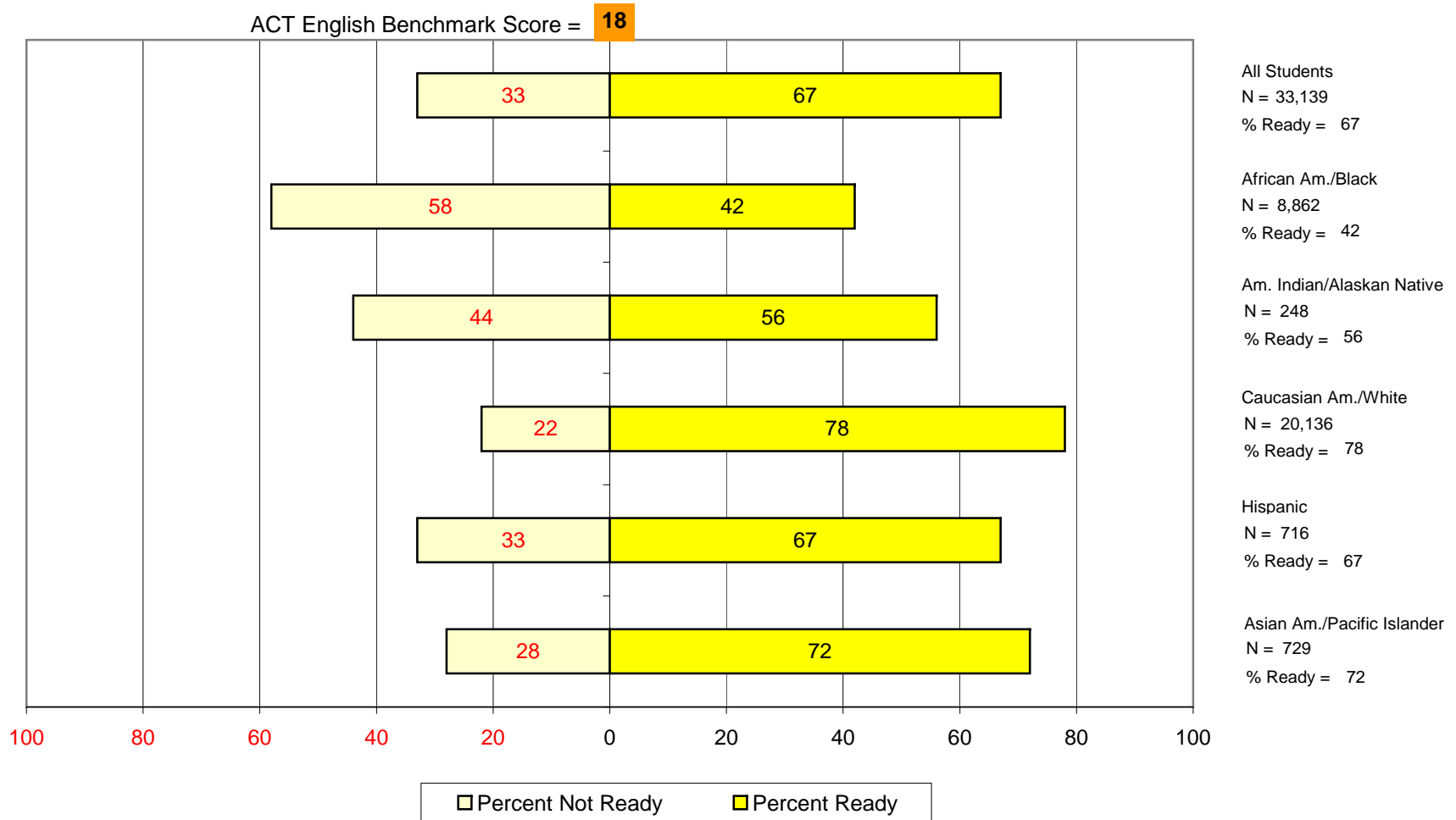




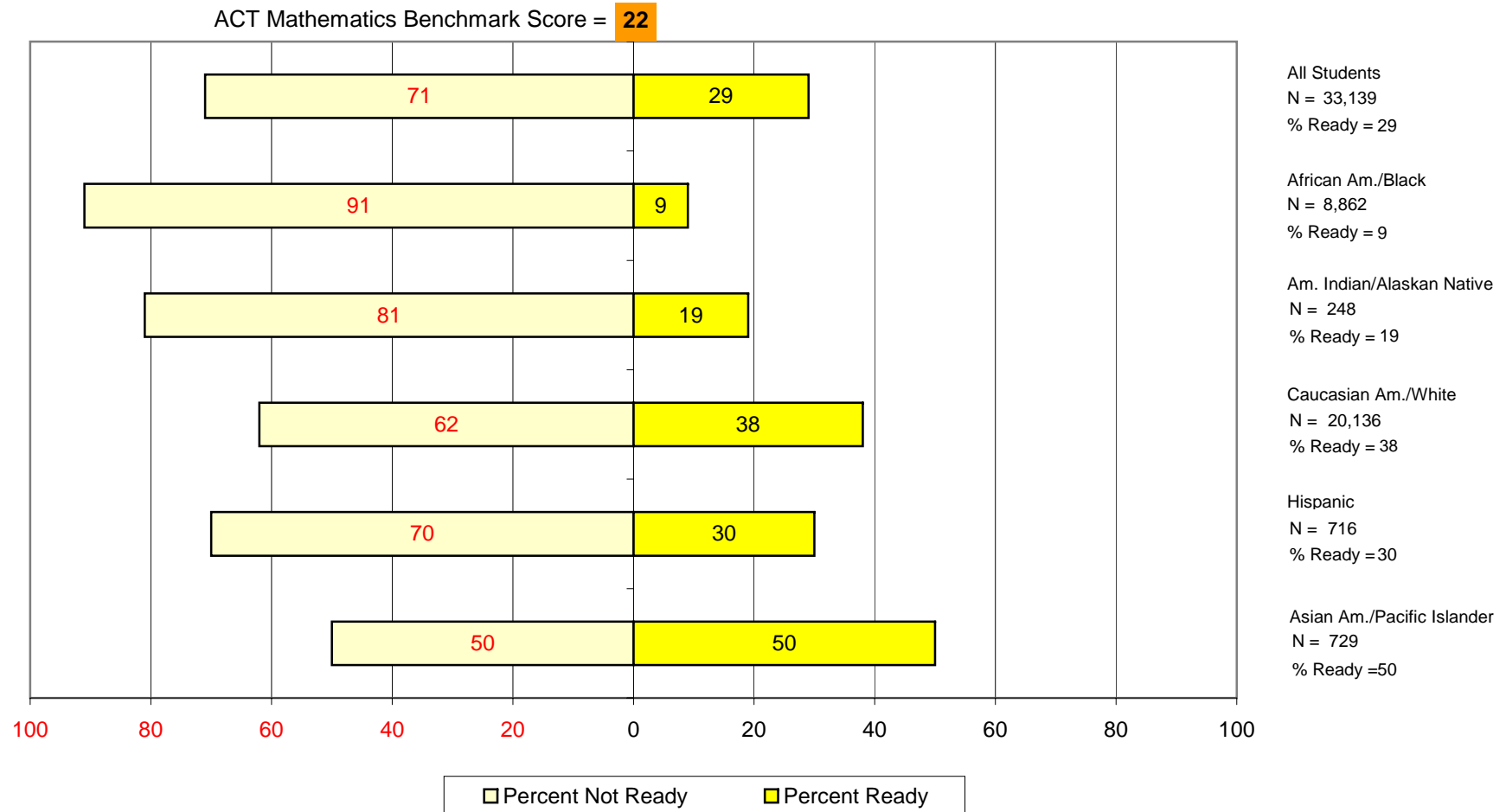
# Section III

## College Readiness and the Impact of Course Rigor

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



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



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

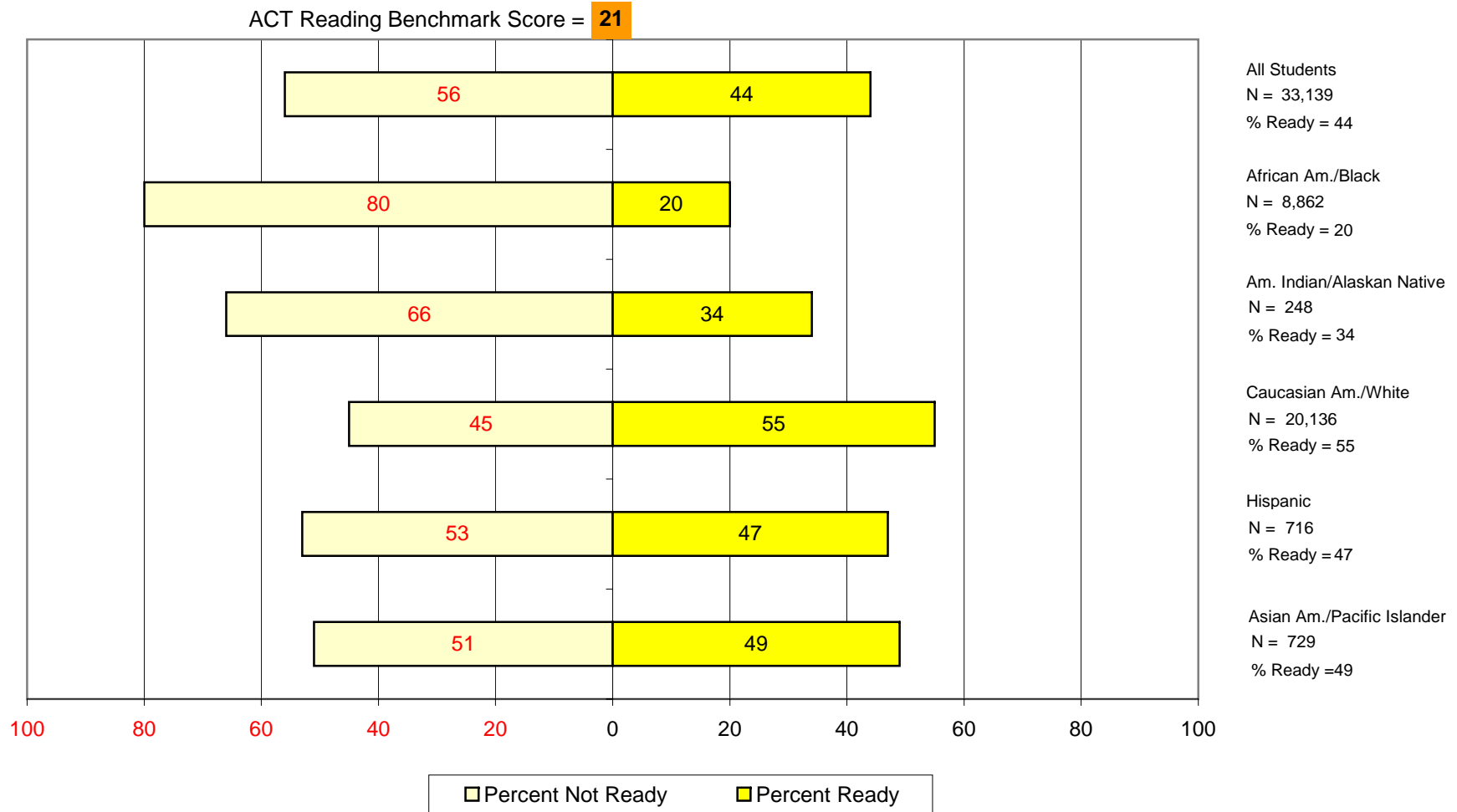


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

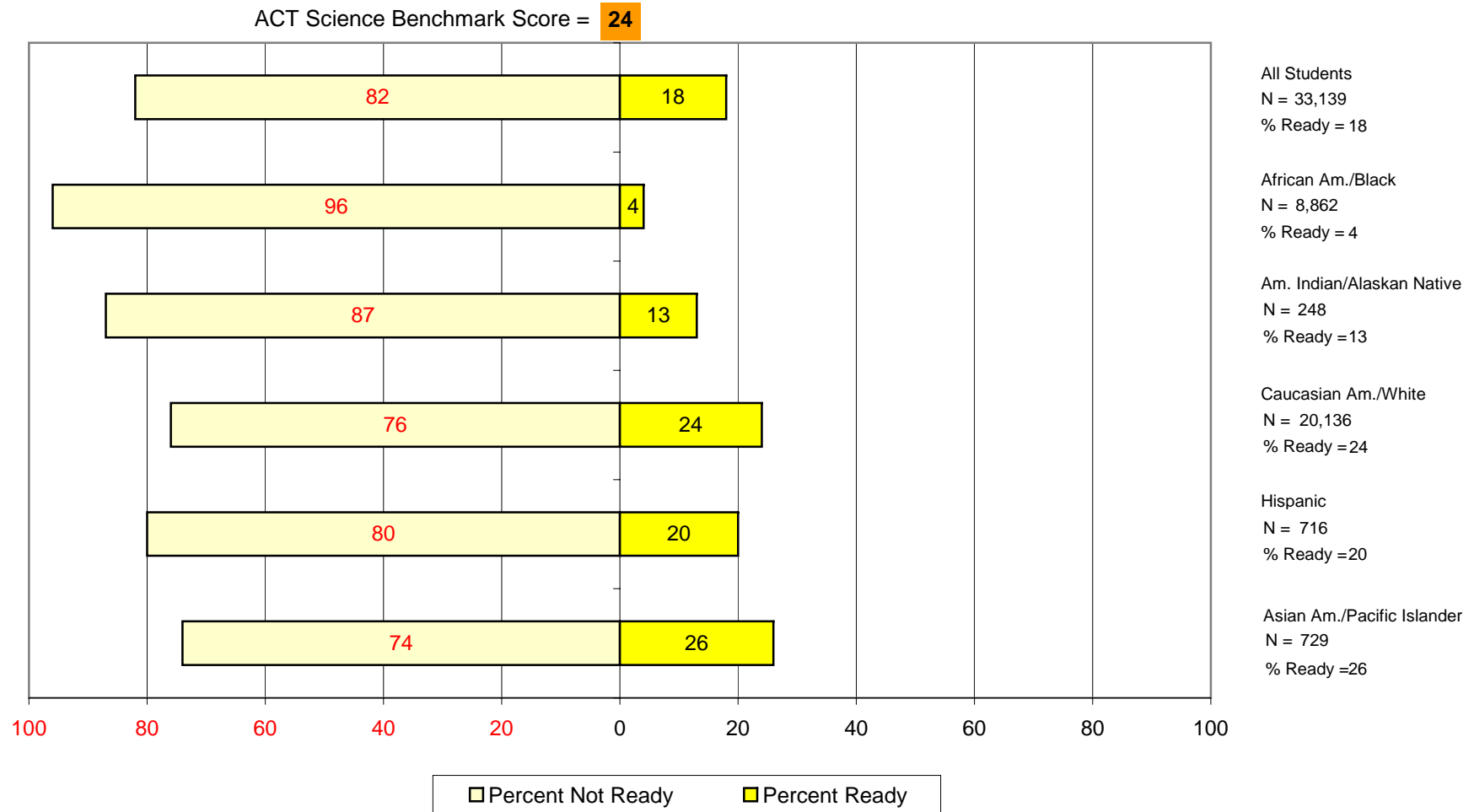
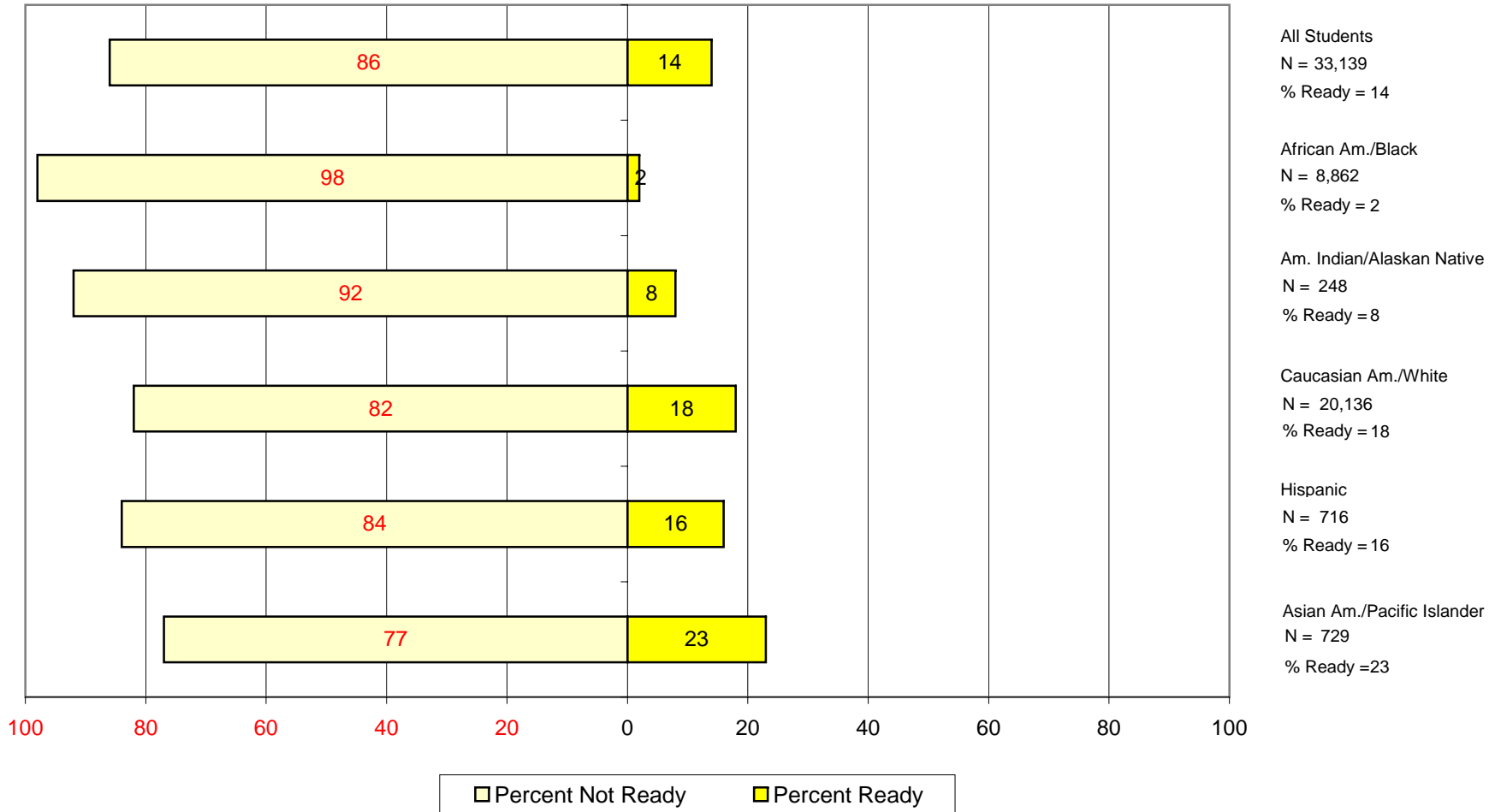


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,968	18	21.9	2.9	2,288	16	21.3	2.3	3,624	20	22.3	3.3
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	22,647	68	20.0	1.0	9,556	67	19.6	0.6	12,785	70	20.3	1.3
Less than 4 years of English	1,958	6	19.0	-	955	7	19.0	-	948	5	19.0	-
No English course/grade information reported	2,566	8	20.2	-	1,384	10	19.7	-	963	5	20.9	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,267	4	23.8	7.3	566	4	24.4	7.6	680	4	23.3	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,330	4	20.9	4.4	488	3	21.4	4.6	831	5	20.6	4.4
Alg 1, Alg 2, Geom, & Trig	1,963	6	20.2	3.7	763	5	20.8	4.0	1,169	6	19.8	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	6,036	18	19.2	2.7	2,239	16	19.9	3.1	3,717	20	18.8	2.6
Other comb of 4 or more years of Math	8,187	25	21.9	5.4	3,711	26	22.7	5.9	4,406	24	21.3	5.1
Alg 1, Alg 2, & Geom (Min. Core)	7,299	22	17.0	0.5	2,944	21	17.5	0.7	4,242	23	16.6	0.4
Other comb of 3 or 3.5 years of Math	1,849	6	18.0	1.5	875	6	18.4	1.6	947	5	17.5	1.3
Less than 3 years of Math	2,544	8	16.5	-	1,168	8	16.8	-	1,318	7	16.2	-
No Math course/grade information reported	2,664	8	19.6	-	1,429	10	19.9	-	1,010	6	19.1	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	548	2	22.4	4.3	222	2	21.9	3.8	323	2	22.8	4.6
Other comb of 4 or more years Social Science	11,695	35	21.0	2.9	4,903	35	20.7	2.6	6,667	36	21.3	3.1
US Hist, World Hist, & Am Gov (Min. Core)	1,921	6	20.6	2.5	813	6	19.9	1.8	1,079	6	21.1	2.9
Other comb of 3 or 3.5 years of Social Science	11,898	36	19.8	1.7	4,816	34	19.7	1.6	6,927	38	19.8	1.6
Less than 3 years of Social Science	4,358	13	18.1	-	1,972	14	18.1	-	2,290	13	18.2	-
No Soc Sci course/grade information reported	2,719	8	20.2	-	1,457	10	19.9	-	1,034	6	20.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	14,289	43	21.4	4.2	6,161	43	22.0	4.6	7,982	44	21.0	4.0
Bio, Chem, Phys	699	2	23.1	5.9	310	2	24.0	6.6	378	2	22.3	5.3
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	12,247	37	18.6	1.4	4,726	33	18.9	1.5	7,348	40	18.4	1.4
Other comb of 3 years of Natural Science	147	0	17.3	0.1	73	1	18.0	0.6	70	0	16.7	-0.3
Less than 3 years of Natural Science	3,008	9	17.2	-	1,445	10	17.4	-	1,492	8	17.0	-
No Nat Sci course/grade information reported	2,749	8	19.9	-	1,468	10	20.2	-	1,050	6	19.5	-

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

<sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,968	18	21.9	77	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	22,647	68	20.0	65	668,226	55	20.4	67
Less than 4 years of English	1,958	6	19.0	58	115,551	10	19.4	62
No English course/grade information reported	2,566	8	20.2	66	150,124	12	20.3	67
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,267	4	23.8	68	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,330	4	20.9	43	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	1,963	6	20.2	35	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	6,036	18	19.2	26	153,394	13	20.3	37
Other comb of 4 or more years of Math	8,187	25	21.9	51	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	7,299	22	17.0	8	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	1,849	6	18.0	16	54,965	5	20.6	40
Less than 3 years of Math	2,544	8	16.5	8	131,567	11	17.9	18
No Math course/grade information reported	2,664	8	19.6	30	158,635	13	20.8	42
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	548	2	22.4	61	31,335	3	22.7	60
Other comb of 4 or more years Social Science	11,695	35	21.0	51	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	1,921	6	20.6	48	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	11,898	36	19.8	41	325,879	27	21.3	52
Less than 3 years of Social Science	4,358	13	18.1	30	179,270	15	20.5	46
No Soc Sci course/grade information reported	2,719	8	20.2	45	158,406	13	21.2	52
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	14,289	43	21.4	28	320,821	27	22.3	38
Bio, Chem, Phys	699	2	23.1	45	115,519	10	23.2	45
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	12,247	37	18.6	8	339,689	28	20.2	19
Other comb of 3 years of Natural Science	147	0	17.3	6	32,330	3	20.5	24
Less than 3 years of Natural Science	3,008	9	17.2	6	234,307	19	19.1	14
No Nat Sci course/grade information reported	2,749	8	19.9	19	163,789	14	20.7	26

<sup>1</sup>Includes General, Physical and Earth Sciences.



# Section IV

## Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	467	1	17.7	71	4	15.5	356	1	18.3
Architecture & Environmental Design	650	2	20.4	42	2	16.9	570	2	20.7
Business & Management	2,433	7	19.3	160	8	16.3	2,135	8	19.6
Business & Office	236	1	17.9	50	2	16.2	170	1	18.6
Marketing & Distribution	211	1	19.8	17	1	17.5	180	1	20.2
Communications & Comm. Technologies	677	2	20.7	27	1	16.4	617	2	21.0
Community & Personal Services	766	2	18.0	76	4	16.2	619	2	18.4
Computer & Information Sciences	858	3	20.1	84	4	17.3	724	3	20.6
Cross-Disciplinary Studies	24	0	22.3	1	0	15.0	22	0	22.6
Education	891	3	20.0	17	1	16.5	821	3	20.1
Teacher Education	633	2	19.1	26	1	16.7	563	2	19.4
Engineering	1,460	4	20.8	91	4	15.6	1,274	5	21.3
Engineering-Related Technologies	822	2	20.8	51	3	17.3	739	3	21.2
Foreign Languages	65	0	24.3	2	0	19.5	58	0	24.4
Health Sciences & Allied Health Fields	7,906	24	19.6	498	25	16.4	7,050	27	19.9
Human, Family & Consumer Science	398	1	18.4	59	3	15.8	305	1	19.0
Letters	145	0	23.8	5	0	17.8	132	1	24.1
Mathematics	96	0	21.9	3	0	18.0	88	0	22.2
Philosophy, Religion & Theology	118	0	22.8	4	0	20.8	104	0	22.9
Sciences (Biological & Physical)	1,481	4	22.3	24	1	17.0	1,410	5	22.5
Social Sciences	1,906	6	21.0	32	2	17.4	1,802	7	21.2
Trade & Industrial	277	1	17.5	140	7	16.4	124	0	18.6
Visual & Performing Arts	1,480	4	20.2	106	5	16.4	1,243	5	20.8
Undecided	3,046	9	20.2	226	11	16.4	2,541	10	20.7
No Response	6,093	18	20.3	212	10	16.5	2,630	10	20.7

<sup>1</sup>2-Year and 4-Year N's do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N for *All Students*.

<sup>2</sup>Percent of students tested.

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African-Am./ Black		Am. Indian/ Alaskan Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	493	16.6	119	15.5	10	17.0	320	16.9	12	17.0	7	18.0	25	17.4
2-yr College Degree	1,531	16.4	533	14.9	23	17.3	829	17.4	24	16.4	30	15.9	92	16.3
Bachelors Degree	11,268	19.3	2,776	16.5	78	18.4	7,383	20.4	211	18.9	175	19.6	645	19.1
Graduate Study	4,665	21.7	1,098	18.2	29	20.6	3,058	23.0	112	21.8	101	23.3	267	21.3
Prof. Level Degree	10,344	21.1	3,150	18.2	74	19.9	5,836	22.7	272	21.4	311	22.8	701	21.0
Other	1,333	17.6	503	15.7	16	17.6	648	19.0	28	17.9	37	18.1	101	17.4
No Response	3,505	20.2	683	16.5	18	18.7	2,062	21.3	57	20.4	68	22.2	617	20.5

**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
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	10,739	4,310	6,429	1	5	18	39	26	11	1
LA TUITION OPPORTUNITY PROGRAM/STUDENTS	Louisiana	9,087	5,282	3,805	1	8	28	38	18	6	0
UNIVERSITY OF LOUISIANA AT LAFAYETTE	Louisiana	8,562	2,331	6,231	1	11	31	38	15	4	0
SOUTHEASTERN LOUISIANA UNIVERSITY	Louisiana	6,591	2,214	4,377	2	14	36	35	11	2	0
LOUISIANA TECH UNIVERSITY	Louisiana	5,534	1,464	4,070	2	11	29	36	17	6	0
NORTHWESTERN STATE UNIV OF LOUISIANA	Louisiana	4,975	1,040	3,935	2	16	34	32	12	3	0
UNIVERSITY OF LOUISIANA AT MONROE	Louisiana	4,059	1,018	3,041	2	15	35	32	12	3	0
SOUTHERN UNIV AT BATON ROUGE	Louisiana	3,431	932	2,499	5	32	43	17	3	0	0
MCNEESE STATE UNIVERSITY	Louisiana	3,378	980	2,398	2	15	35	35	11	2	0
UNIVERSITY OF NEW ORLEANS	Louisiana	3,343	651	2,692	2	12	31	34	17	4	0
NICHOLLS STATE UNIVERSITY	Louisiana	3,139	905	2,234	2	16	35	34	11	3	0
TULANE UNIVERSITY	Louisiana	2,539	298	2,241	1	6	16	27	29	19	2
GRAMBLING STATE UNIVERSITY	Louisiana	2,020	616	1,404	7	39	41	11	2	0	0
LOUISIANA ST UNIV-SHREVEPORT	Louisiana	1,536	318	1,218	2	12	34	33	13	5	0
LOUISIANA ST UNIV AT EUNICE	Louisiana	1,447	397	1,050	2	15	41	32	9	1	0
BATON ROUGE COMMUNITY COLLEGE	Louisiana	1,399	355	1,044	3	20	43	28	6	1	0
DELGADO COMMUNITY COLLEGE	Louisiana	1,199	368	831	7	30	41	18	4	1	0
LOYOLA UNIVERSITY NEW ORLEANS	Louisiana	1,131	168	963	1	8	17	32	27	14	1
XAVIER UNIVERSITY	Louisiana	1,119	239	880	4	19	37	28	10	2	0
LOUISIANA ST UNIV-ALEXANDRIA	Louisiana	929	237	692	1	19	37	33	9	1	0
BOSSIER PARISH COMMUNITY COLL	Louisiana	836	312	524	4	20	45	26	5	1	0
LOUISIANA TECH COLLEGE (ALL CAMPUSES)	Louisiana	836	142	694	2	20	41	28	7	2	0
CENTENARY COLLEGE OF LOUISIANA	Louisiana	729	154	575	1	5	21	33	27	13	1
LOUISIANA COLLEGE	Louisiana	663	142	521	0	11	26	34	21	8	0
OUR LADY OF THE LAKE COLLEGE	Louisiana	540	92	448	2	18	40	31	7	1	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	535	113	422	1	7	29	39	20	4	0
BATON ROUGE GEN MED CTR SCH OF NURSING	Louisiana	476	68	408	6	30	37	22	4	1	0
UNIV OF TEXAS AT AUSTIN	Texas	466	75	391	2	6	17	25	23	23	4
DILLARD UNIVERSITY	Louisiana	454	77	377	8	31	39	19	4	0	0
SOUTHERN UNIV AT SHREVEPORT	Louisiana	409	55	354	6	34	41	17	2	0	0
All Other Institutions		20,165	3,852	16,313	3	15	27	24	18	12	2
<b>Total</b>		<b>102,266</b>	<b>29,205</b>	<b>73,061</b>	<b>2</b>	<b>14</b>	<b>30</b>	<b>31</b>	<b>15</b>	<b>7</b>	<b>1</b>

# Section V

# Optional Writing Test Results

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>9,038</b>	<b>430,404</b>	<b>23.5</b>	<b>22.4</b>	<b>7.1</b>	<b>7.7</b>	<b>22.2</b>	<b>22.0</b>
African Am./Black	1,546	38,583	19.5	17.5	6.5	6.8	18.7	17.6
Am. Indian/Alaskan Native	61	2,803	22.1	19.8	6.8	7.1	20.9	19.6
Caucasian Am./White	6,117	269,428	24.5	23.4	7.2	7.8	23.1	22.8
Hispanic	263	33,207	22.6	18.9	7.1	7.4	21.6	19.1
Asian Am./Pacific Islander	302	21,275	24.1	23.0	7.1	8.0	22.7	22.8
Other/No Response	749	65,108	23.4	22.8	7.1	7.9	22.1	22.5
Males	3,870	170,904	23.3	22.1	6.8	7.4	21.8	21.5
Females	4,960	240,056	23.6	22.6	7.3	7.9	22.5	22.3
Missing	208	19,444	22.9	22.1	7.0	7.8	21.7	21.9



