

# ACT High School Profile Report

The Graduating Class of 2007  
Louisiana





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This report provides information about the performance of your 2007 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** - colleges 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:**

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 2007 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.** 34,042 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. 65% 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 9% of the cohort took less than three years of math courses. Of these students, 12% 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, 41% 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 10% of the cohort took less than three years of natural science courses. 9% 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 2.6 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).

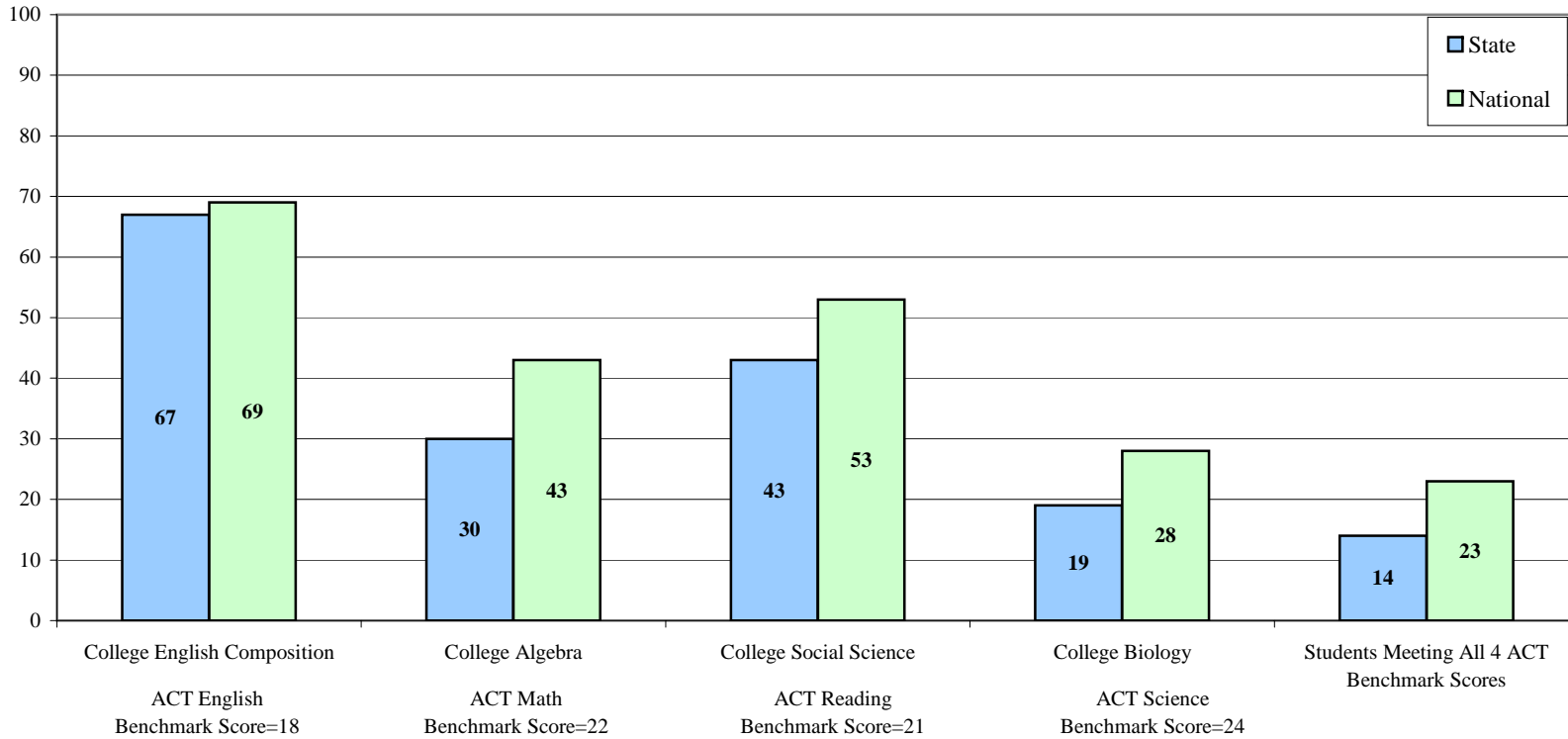
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic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



**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
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
2006	33,139	1,206,455	67	69	29	42	44	53	18	27	14	21
<b>2007</b>	<b>34,042</b>	<b>1,300,599</b>	<b>67</b>	<b>69</b>	<b>30</b>	<b>43</b>	<b>43</b>	<b>53</b>	<b>19</b>	<b>28</b>	<b>14</b>	<b>23</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
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
2006	33,139	1,206,455	20.3	20.6	19.4	20.8	20.1	21.4	19.9	20.9	20.1	21.1
<b>2007</b>	<b>34,042</b>	<b>1,300,599</b>	<b>20.3</b>	<b>20.7</b>	<b>19.5</b>	<b>21.0</b>	<b>20.2</b>	<b>21.5</b>	<b>19.9</b>	<b>21.0</b>	<b>20.1</b>	<b>21.2</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
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
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
<b>2007</b>	<b>1,300,599</b>	<b>20.7</b>	<b>21.0</b>	<b>21.5</b>	<b>21.0</b>	<b>21.2</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
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
2006	23,328	7,310	70	22	21.1	17.5	20.0	17.5	20.8	17.9	20.4	18.1	20.7	17.9
<b>2007</b>	<b>22,004</b>	<b>8,090</b>	<b>65</b>	<b>24</b>	<b>21.0</b>	<b>17.9</b>	<b>20.1</b>	<b>17.9</b>	<b>20.8</b>	<b>18.3</b>	<b>20.4</b>	<b>18.3</b>	<b>20.7</b>	<b>18.2</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**

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</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>	<b>34,042</b>	<b>100</b>	<b>20.1</b>
African American/Black	10,775	29	16.7	10,605	29	16.9	10,550	30	16.8	8,862	27	17.2	9,229	27	17.0
American Indian/Alaska Native	274	1	19.2	267	1	19.4	261	1	19.3	248	1	18.9	275	1	19.8
Caucasian American/White	22,738	61	21.0	22,188	61	21.2	21,308	60	21.2	20,136	61	21.3	19,786	58	21.4
Hispanic	726	2	19.9	724	2	19.8	759	2	20.0	716	2	20.3	686	2	20.2
Asian American/Pacific Islander	788	2	20.8	767	2	21.0	744	2	20.8	729	2	21.5	679	2	21.7
Other/No Response	2,035	5	19.7	2,110	6	19.9	2,120	6	19.8	2,448	7	20.0	3,387	10	20.7

# 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	40	100	19	100	69	100	32	100	2	100	36
35	237	100	66	100	192	100	89	100	21	100	35
34	430	99	125	100	276	99	57	100	64	100	34
33	328	98	111	99	364	98	111	99	147	100	33
32	325	97	183	99	483	97	127	99	183	99	32
31	516	96	213	99	587	96	182	99	296	99	31
30	493	94	284	98	565	94	266	98	457	98	30
29	598	93	502	97	743	93	266	97	551	97	29
28	1,065	91	473	96	885	90	437	97	725	95	28
27	869	88	812	94	1,043	88	584	95	958	93	27
26	1,211	86	1,178	92	981	85	1,056	94	1,029	90	26
25	1,755	82	1,309	88	1,291	82	1,410	91	1,388	87	25
24	1,631	77	1,658	85	1,471	78	1,902	86	1,760	83	24
23	1,613	72	1,616	80	2,510	74	1,891	81	2,064	78	23
22	2,301	67	1,645	75	1,531	66	2,970	75	2,287	72	22
21	2,592	61	1,898	70	1,743	62	3,417	67	2,764	65	21
20	2,697	53	2,001	64	3,075	57	3,761	57	3,182	57	20
19	2,441	45	2,586	59	1,929	48	3,028	45	2,483	47	19
18	1,705	38	2,790	51	1,772	42	3,283	37	2,757	40	18
17	1,547	33	3,593	43	2,460	37	2,220	27	2,725	32	17
16	2,041	28	5,004	32	2,383	30	1,559	20	2,482	24	16
15	1,778	22	3,481	18	1,704	23	1,357	16	2,158	17	15
14	1,734	17	1,772	7	2,280	18	1,182	12	1,665	10	14
13	1,007	12	491	2	1,348	11	757	8	1,135	6	13
12	909	9	180	1	1,276	7	803	6	545	2	12
11	734	6	33	1	605	3	645	4	173	1	11
10	590	4	13	1	298	1	455	2	35	1	10
9	390	3	6	1	78	1	114	1	6	1	9
8	314	1	0	1	59	1	49	1	0	1	8
7	126	1	0	1	20	1	26	1	0	1	7
6	24	1	0	1	9	1	4	1	0	1	6
5	1	1	0	1	8	1	1	1	0	1	5
4	0	1	0	1	1	1	1	1	0	1	4
3	0	1	0	1	2	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.3 (5.9)		19.5 (4.5)		20.2 (5.7)		19.9 (4.5)		20.1 (4.6)		Avg (SD)

<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	796	100	152	100	301	100	587	100	501	100	87	100	101	100	18
17	1,336	98	502	100	1,151	99	1,162	98	721	99	145	100	150	100	17
16	1,252	94	1,165	98	1,151	96	1,689	95	1,120	96	299	99	364	99	16
15	1,075	90	1,944	95	1,418	92	2,017	90	1,337	93	868	98	1,092	98	15
14	2,216	87	1,918	89	1,506	88	2,195	84	2,152	89	1,275	96	1,547	95	14
13	2,303	80	2,503	83	1,712	84	2,539	78	2,578	83	2,557	92	2,369	90	13
12	2,584	74	3,557	76	4,256	79	3,306	70	2,587	75	2,598	85	2,768	83	12
11	3,407	66	4,527	66	3,371	66	2,296	60	3,287	68	4,300	77	3,533	75	11
10	3,979	56	4,424	52	3,265	56	3,064	54	3,396	58	5,809	64	5,552	65	10
9	3,157	44	3,701	39	4,201	47	3,460	45	3,513	48	5,908	47	5,356	49	9
8	3,505	35	3,726	28	5,091	34	2,754	34	4,383	38	3,984	30	3,861	33	8
7	2,610	25	2,249	17	2,626	19	2,473	26	4,997	25	2,062	18	3,113	22	7
6	2,094	17	1,675	11	1,991	12	3,398	19	2,372	10	1,986	12	1,828	12	6
5	1,979	11	1,101	6	810	6	1,836	9	656	3	1,203	6	768	7	5
4	1,064	5	662	3	743	4	952	4	293	1	408	3	896	5	4
3	503	2	211	1	327	1	214	1	118	1	439	2	371	2	3
2	174	1	23	1	90	1	92	1	23	1	10	1	259	1	2
1	8	1	2	1	32	1	8	1	8	1	104	1	114	1	1
Avg (SD)	10.2 (3.7)		10.4 (3.1)		10.2 (3.3)		10.3 (3.7)		10.1 (3.2)		9.7 (2.7)		9.6 (2.9)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values for All Students**

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	24	23	24	22	23
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

**Table 2.4. 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	<b>All Students</b>	<b>34,042</b>	<b>65</b>	<b>20.7</b>	<b>18.2</b>
	African Am./Black	9,229	63	17.7	15.8
	Am. Indian/Alaska Native	275	65	20.7	18.1
	Caucasian Am./White	19,786	68	21.9	19.7
	Hispanic	686	70	20.6	18.8
	Asian Am./Pacific Islander	679	78	22.0	19.4
	Other/No Response	3,387	46	21.1	19.2
National	<b>All Students</b>	<b>1,300,599</b>	<b>51</b>	<b>22.0</b>	<b>19.8</b>
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	20.3	19.5	20.2	19.9	20.1
	African Am./Black	16.6	16.9	16.9	17.3	17.0
	Am. Indian/Alaska Native	19.8	19.1	20.3	19.6	19.8
	Caucasian Am./White	21.8	20.6	21.6	20.9	21.4
	Hispanic	20.2	19.6	20.6	20.0	20.2
	Asian Am./Pacific Islander	21.3	22.2	21.1	21.5	21.7
	Other/No Response	21.0	20.0	20.9	20.3	20.7
National	<b>All Students</b>	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

**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	1,035	3	321	1	901	3	289	1
	28 to 32	2,997	9	1,655	5	3,263	10	1,278	4
	24 to 27	5,466	16	4,957	15	4,786	14	4,952	15
	20 to 23	9,203	27	7,160	21	8,859	26	12,039	35
	16 to 19	7,734	23	13,973	41	8,544	25	10,090	30
	13 to 15	4,519	13	5,744	17	5,332	16	3,296	10
	01 to 12	3,088	9	232	1	2,357	7	2,098	6
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	14,458	42	19.8	20.1	20.0	20.3	20.2
	Females	18,136	53	20.5	19.0	20.3	19.5	20.0
	Missing	1,448	4	21.4	20.2	21.2	20.5	21.0
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

**Table 2.8. 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	42	23	17
	Females	69	25	44	16	12
National	Males	66	47	51	32	26
	Females	71	38	53	24	20





# 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

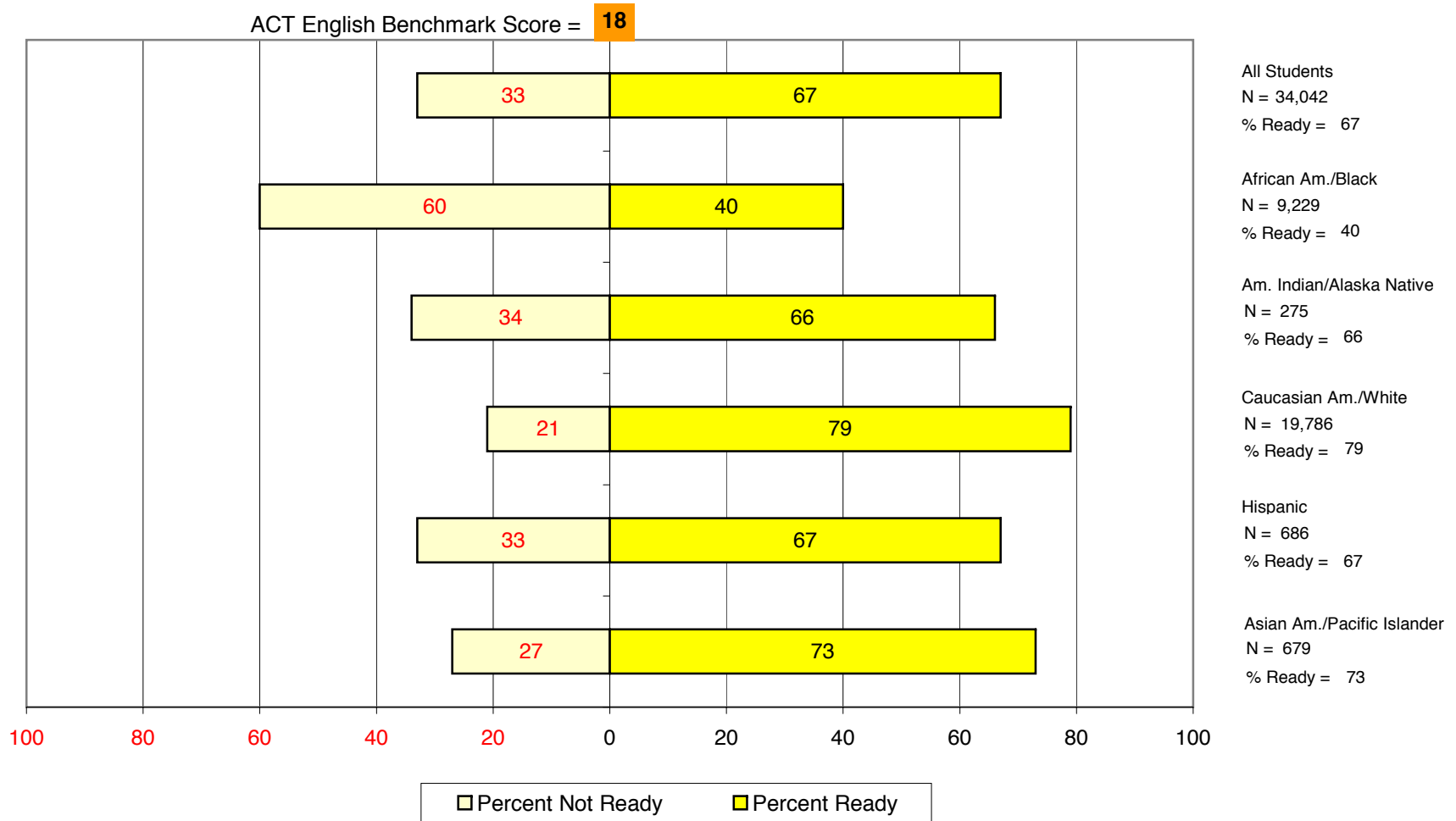
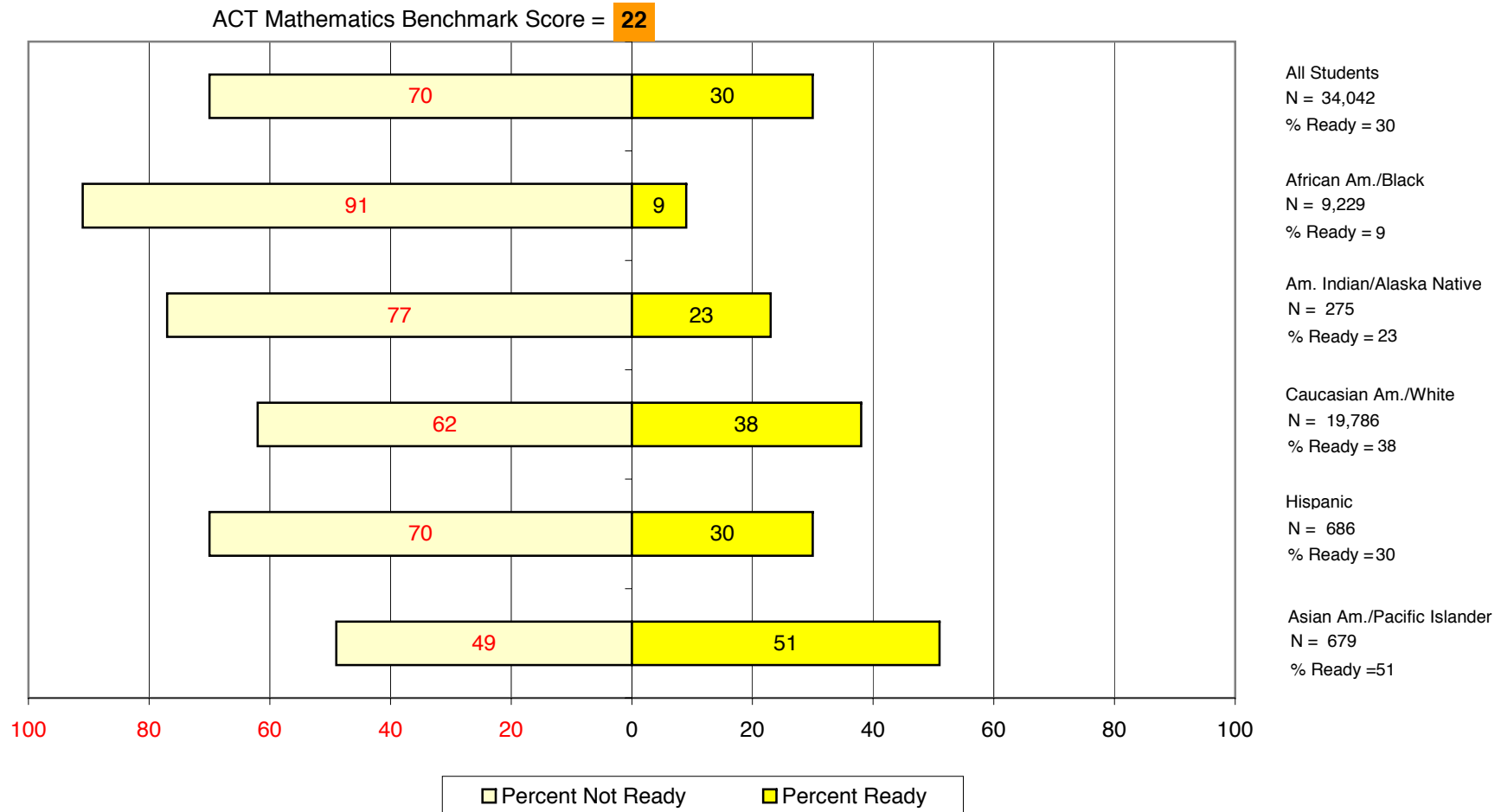


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS



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

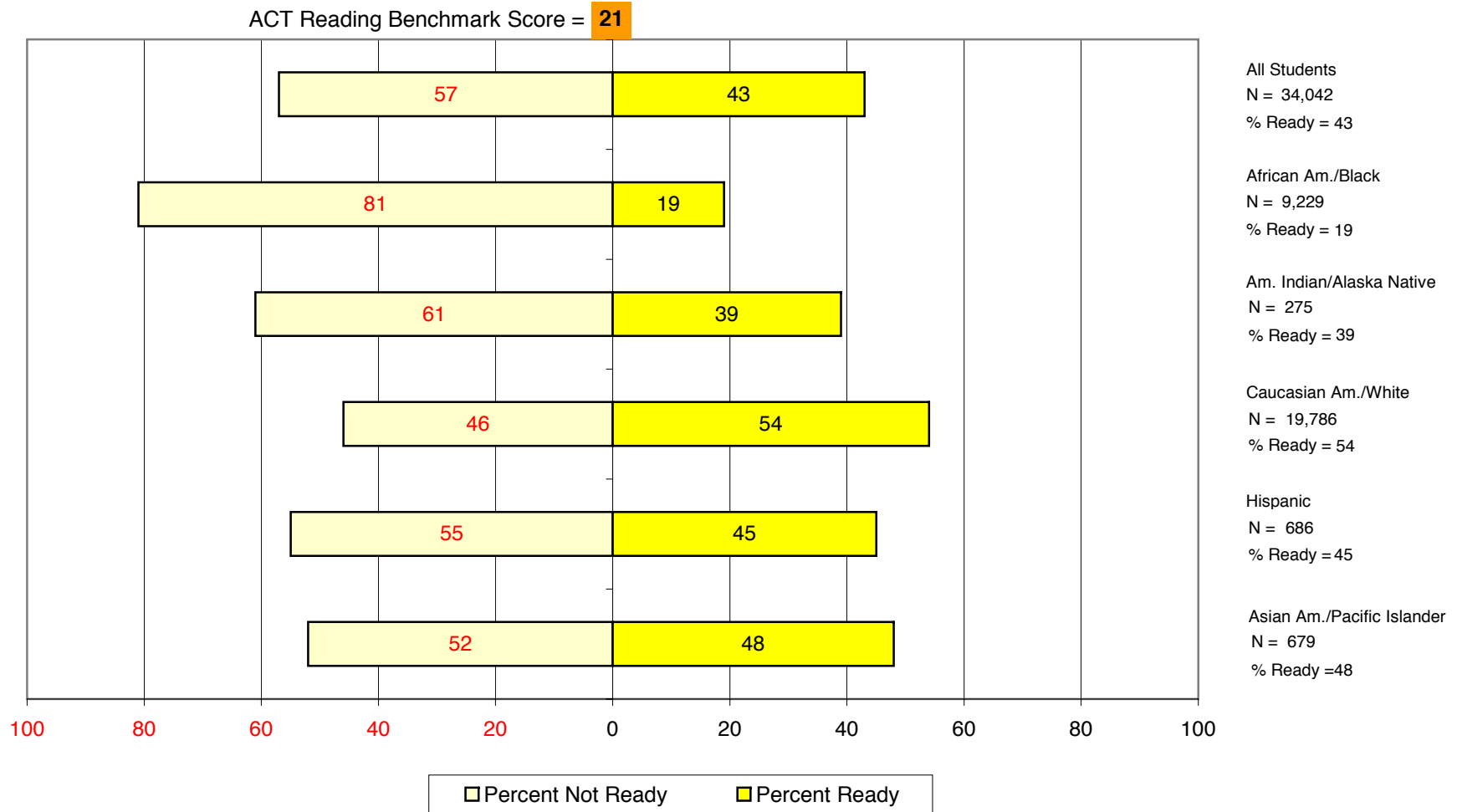


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24

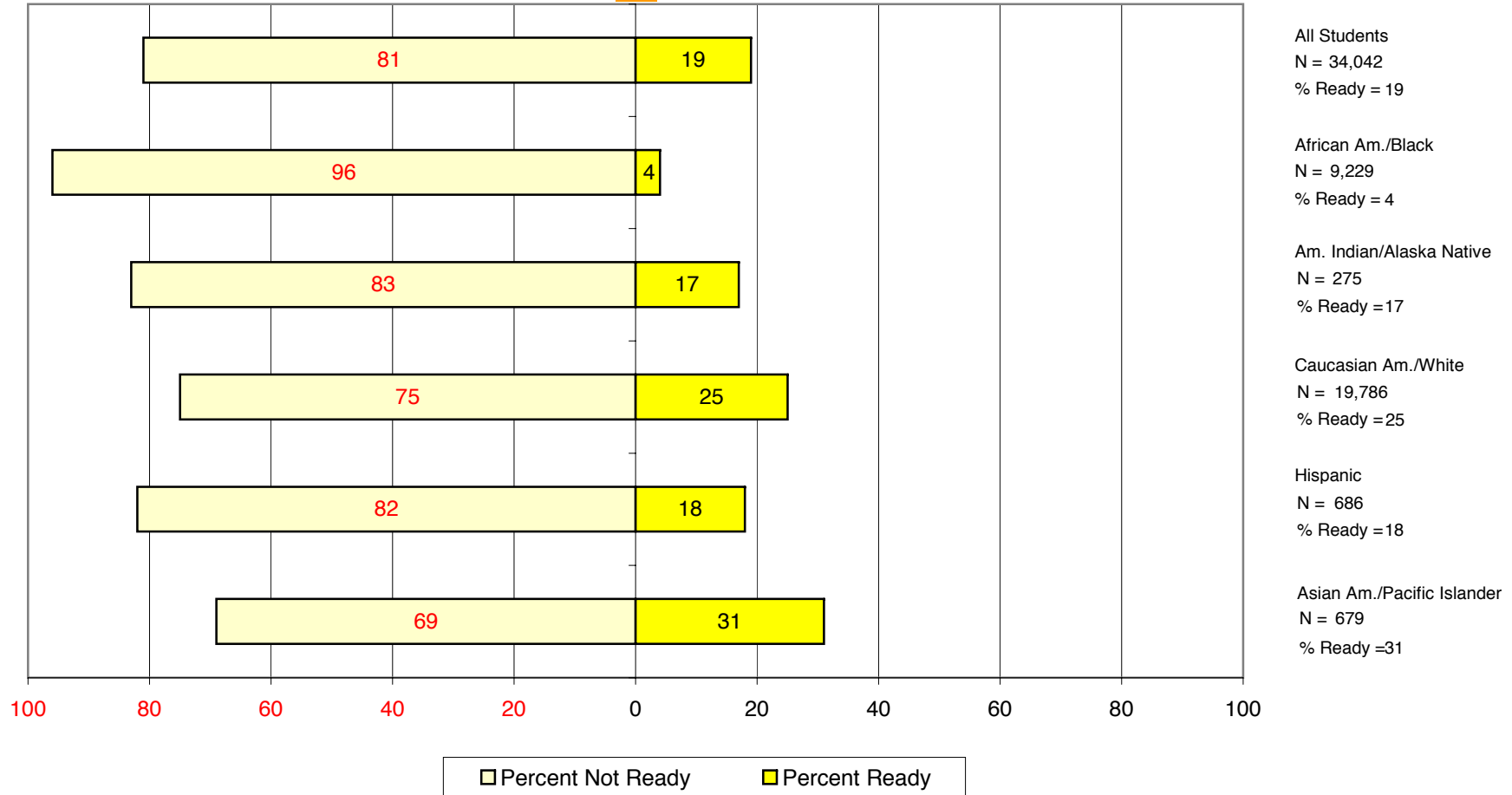
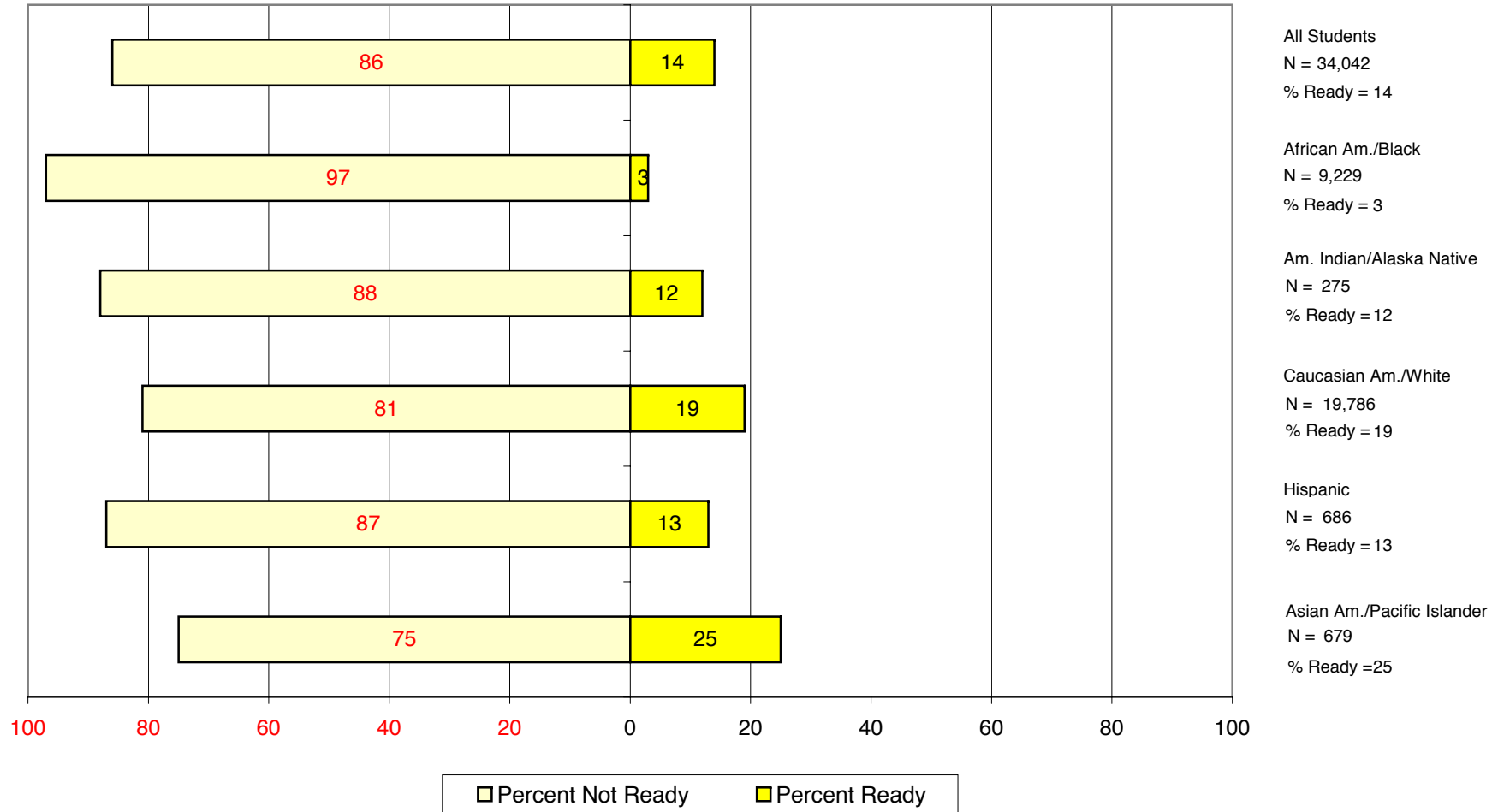


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	3,661	11	22.6	3.4	1,370	9	22.1	3.1	2,225	12	22.9	3.6
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	23,707	70	19.9	0.7	10,050	70	19.6	0.6	13,145	72	20.1	0.8
Less than 4 years of English	2,623	8	19.2	-	1,245	9	19.0	-	1,255	7	19.3	-
No English course/grade information reported	4,051	12	20.7	-	1,793	12	19.8	-	1,511	8	21.3	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,343	4	23.9	6.8	622	4	24.6	7.3	688	4	23.1	6.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,077	3	21.2	4.1	414	3	21.6	4.3	642	4	20.9	4.1
Alg 1, Alg 2, Geom, & Trig	1,846	5	20.3	3.2	792	5	20.6	3.3	999	6	20.1	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	6,060	18	19.4	2.3	2,187	15	20.0	2.7	3,726	21	19.0	2.2
Other comb of 4 or more years of Math	7,242	21	22.1	5.0	3,339	23	23.0	5.7	3,775	21	21.4	4.6
Alg 1, Alg 2, & Geom (Min. Core)	7,500	22	17.0	-0.1	3,039	21	17.6	0.3	4,313	24	16.6	-0.2
Other comb of 3 or 3.5 years of Math	1,814	5	18.2	1.1	829	6	18.7	1.4	946	5	17.8	1.0
Less than 3 years of Math	2,990	9	17.1	-	1,378	10	17.3	-	1,486	8	16.8	-
No Math course/grade information reported	4,170	12	19.8	-	1,858	13	19.9	-	1,561	9	19.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	443	1	22.7	4.1	206	1	22.7	4.1	219	1	22.7	4.2
Other comb of 4 or more years Social Science	11,092	33	21.0	2.4	4,615	32	20.8	2.2	6,245	34	21.1	2.6
US Hist, World Hist, & Am Gov (Min. Core)	1,759	5	20.5	1.9	780	5	20.1	1.5	924	5	20.8	2.3
Other comb of 3 or 3.5 years of Social Science	11,403	33	19.9	1.3	4,696	32	19.8	1.2	6,477	36	19.9	1.4
Less than 3 years of Social Science	5,048	15	18.6	-	2,248	16	18.6	-	2,649	15	18.5	-
No Soc Sci course/grade information reported	4,297	13	20.6	-	1,913	13	20.1	-	1,622	9	20.9	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	13,428	39	21.4	3.8	5,864	41	22.0	4.2	7,293	40	20.9	3.6
Bio, Chem, Phys	583	2	23.0	5.4	246	2	23.8	6.0	309	2	22.5	5.2
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	12,119	36	18.6	1.0	4,684	32	18.8	1.0	7,190	40	18.4	1.1
Other comb of 3 years of Natural Science	158	0	17.7	0.1	98	1	17.8	0.0	55	0	17.6	0.3
Less than 3 years of Natural Science	3,464	10	17.6	-	1,656	11	17.8	-	1,679	9	17.3	-
No Nat Sci course/grade information reported	4,290	13	20.1	-	1,910	13	20.1	-	1,610	9	19.8	-

<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	3,661	11	22.6	79	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	23,707	70	19.9	65	766,001	59	20.5	68
Less than 4 years of English	2,623	8	19.2	61	141,777	11	19.7	64
No English course/grade information reported	4,051	12	20.7	71	201,619	16	20.7	69
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,343	4	23.9	68	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,077	3	21.2	45	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	1,846	5	20.3	37	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	6,060	18	19.4	27	163,562	13	20.4	38
Other comb of 4 or more years of Math	7,242	21	22.1	53	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	7,500	22	17.0	8	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	1,814	5	18.2	18	57,945	4	20.9	43
Less than 3 years of Math	2,990	9	17.1	12	145,617	11	18.3	21
No Math course/grade information reported	4,170	12	19.8	32	211,787	16	21.1	44
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	443	1	22.7	60	31,985	2	22.7	61
Other comb of 4 or more years Social Science	11,092	33	21.0	49	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	1,759	5	20.5	45	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	11,403	33	19.9	40	333,689	26	21.4	52
Less than 3 years of Social Science	5,048	15	18.6	32	201,605	16	20.6	47
No Soc Sci course/grade information reported	4,297	13	20.6	46	212,012	16	21.5	53
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	13,428	39	21.4	30	333,648	26	22.4	40
Bio, Chem, Phys	583	2	23.0	44	115,297	9	23.4	48
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	12,119	36	18.6	9	353,348	27	20.2	20
Other comb of 3 years of Natural Science	158	0	17.7	13	32,593	3	20.4	24
Less than 3 years of Natural Science	3,464	10	17.6	9	247,312	19	19.1	15
No Nat Sci course/grade information reported	4,290	13	20.1	20	218,401	17	20.9	29

<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	354	1	18.2	43	2	16.0	283	1	18.5
Architecture & Environmental Design	601	2	20.2	35	2	17.6	529	2	20.5
Business & Management	2,334	7	19.1	153	8	16.4	2,028	8	19.5
Business & Office	222	1	17.9	44	2	16.2	161	1	18.4
Marketing & Distribution	191	1	19.6	16	1	16.5	164	1	20.2
Communications & Comm. Technologies	631	2	20.7	30	1	16.8	572	2	21.1
Community & Personal Services	767	2	17.7	112	5	16.1	595	2	18.1
Computer & Information Sciences	764	2	20.2	61	3	16.6	655	3	20.6
Cross-Disciplinary Studies	19	0	23.7	0	0	.	17	0	24.1
Education	810	2	19.6	40	2	16.5	722	3	19.8
Teacher Education	589	2	19.0	25	1	15.5	521	2	19.3
Engineering	1,404	4	21.3	86	4	15.5	1,252	5	21.9
Engineering-Related Technologies	720	2	20.8	60	3	16.0	624	2	21.4
Foreign Languages	63	0	23.7	3	0	16.0	55	0	24.2
Health Sciences & Allied Health Fields	7,247	21	19.6	474	23	16.3	6,421	25	19.9
Human, Family & Consumer Science	354	1	18.2	45	2	16.2	274	1	18.7
Letters	127	0	23.8	2	0	20.0	118	0	23.9
Mathematics	120	0	22.9	1	0	17.0	115	0	23.1
Philosophy, Religion & Theology	111	0	22.6	2	0	17.0	104	0	22.8
Sciences (Biological & Physical)	1,335	4	22.4	16	1	19.8	1,281	5	22.5
Social Sciences	1,706	5	21.0	24	1	16.2	1,602	6	21.2
Trade & Industrial	243	1	17.2	110	5	17.1	118	0	17.5
Visual & Performing Arts	1,395	4	20.2	92	5	16.2	1,171	5	20.7
Undecided	4,287	13	20.0	316	16	16.9	3,613	14	20.4
No Response	7,648	22	20.5	247	12	16.6	2,401	9	20.8

<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/ Alaska 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	421	16.3	117	14.5	7	16.6	270	17.0	6	17.0	3	18.3	18	16.6
2-yr College Degree	1,616	16.5	558	14.9	17	17.8	904	17.5	20	16.7	25	16.0	92	16.4
Bachelors Degree	11,106	19.2	2,952	16.4	87	19.7	7,056	20.4	172	19.0	140	19.9	699	19.3
Graduate Study	4,336	21.7	1,024	18.0	43	20.5	2,772	23.1	89	22.1	83	22.8	325	21.8
Prof. Level Degree	9,954	21.2	3,118	18.1	75	20.6	5,384	22.9	292	20.9	304	22.9	781	21.4
Other	1,299	17.6	571	15.9	11	18.0	564	19.0	17	17.4	31	18.2	105	18.3
No Response	5,310	20.5	889	16.8	35	19.8	2,836	21.3	90	20.3	93	21.8	1,367	21.2

**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	10,609	4,332	6,277	1	5	19	37	26	11	1
UNIVERSITY OF LOUISIANA AT LAFAYETTE	Louisiana	8,801	2,512	6,289	1	11	32	37	15	4	0
LA TUITION OPPORTUNITY PROGRAM/STUDENTS	Louisiana	8,657	4,993	3,664	1	8	27	37	19	7	0
SOUTHEASTERN LOUISIANA UNIVERSITY	Louisiana	7,151	2,314	4,837	2	15	35	33	13	2	0
LOUISIANA TECH UNIVERSITY	Louisiana	5,189	1,319	3,870	1	10	27	36	18	7	1
NORTHWESTERN STATE UNIV OF LOUISIANA	Louisiana	4,951	1,071	3,880	2	16	34	32	13	3	0
UNIVERSITY OF LOUISIANA AT MONROE	Louisiana	4,283	1,098	3,185	2	16	33	32	13	3	0
SOUTHERN UNIV AT BATON ROUGE	Louisiana	3,642	1,081	2,561	6	33	42	16	3	0	0
UNIVERSITY OF NEW ORLEANS	Louisiana	3,372	678	2,694	2	14	32	34	14	4	0
MCNEESE STATE UNIVERSITY	Louisiana	3,339	974	2,365	2	14	36	35	11	2	0
NICHOLLS STATE UNIVERSITY	Louisiana	3,284	961	2,323	2	15	35	34	12	2	0
TULANE UNIVERSITY	Louisiana	2,491	304	2,187	1	7	16	28	27	19	2
GRAMBLING STATE UNIVERSITY	Louisiana	2,141	557	1,584	8	40	40	11	1	0	0
BATON ROUGE COMMUNITY COLLEGE	Louisiana	1,531	406	1,125	3	21	42	28	7	0	0
LOUISIANA ST UNIV AT EUNICE	Louisiana	1,495	457	1,038	2	16	40	32	9	1	0
LOUISIANA ST UNIV-SHREVEPORT	Louisiana	1,463	313	1,150	2	13	32	34	16	3	0
DELGADO COMMUNITY COLLEGE	Louisiana	1,377	423	954	5	30	43	18	3	0	0
XAVIER UNIVERSITY	Louisiana	1,339	302	1,037	3	19	38	29	9	2	0
LOYOLA UNIVERSITY NEW ORLEANS	Louisiana	1,105	165	940	1	7	21	34	23	13	1
LOUISIANA TECH COLLEGE (ALL CAMPUSES)	Louisiana	1,036	185	851	3	22	43	22	7	2	0
LOUISIANA ST UNIV-ALEXANDRIA	Louisiana	848	205	643	2	15	38	32	11	2	0
BOSSIER PARISH COMMUNITY COLL	Louisiana	842	302	540	3	25	41	25	5	1	0
LOUISIANA COLLEGE	Louisiana	757	176	581	1	10	30	35	17	7	0
CENTENARY COLLEGE OF LOUISIANA	Louisiana	715	122	593	1	5	17	32	30	13	1
OUR LADY OF THE LAKE COLLEGE	Louisiana	611	111	500	2	16	39	32	9	1	0
DILLARD UNIVERSITY	Louisiana	610	102	508	5	30	42	19	3	0	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	566	118	448	1	9	25	38	20	7	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	517	158	359	2	15	34	33	14	3	0
UNIV OF TEXAS AT AUSTIN	Texas	508	77	431	1	7	11	24	26	28	4
SOUTHERN UNIV AT NEW ORLEANS	Louisiana	504	66	438	8	41	38	11	2	0	0
All Other Institutions		20,116	3,844	16,272	3	15	26	24	17	13	2
<b>Total</b>		<b>103,850</b>	<b>29,726</b>	<b>74,124</b>	<b>2</b>	<b>14</b>	<b>30</b>	<b>31</b>	<b>16</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
<b>All Students</b>	<b>9,508</b>	<b>532,943</b>	<b>23.0</b>	<b>22.3</b>	<b>6.8</b>	<b>7.6</b>	<b>21.6</b>	<b>21.8</b>
African Am./Black	1,971	50,340	18.5	17.2	6.3	6.7	17.8	17.3
Am. Indian/Alaska Native	66	3,462	22.8	19.8	6.5	7.0	21.1	19.4
Caucasian Am./White	5,779	308,578	24.4	23.4	7.0	7.6	22.8	22.6
Hispanic	272	42,588	22.5	18.8	6.9	7.3	21.3	19.0
Asian Am./Pacific Islander	282	25,616	24.0	23.2	7.2	8.0	22.7	22.8
Other/No Response	1,138	102,359	23.9	23.2	7.0	7.8	22.4	22.7
Males	3,998	204,427	22.9	22.0	6.6	7.3	21.4	21.3
Females	5,018	285,556	22.9	22.5	7.0	7.7	21.8	22.1
Missing	492	42,960	24.1	23.0	7.0	7.8	22.6	22.6



