

# ACT Profile Report - State

Graduating Class 2009  
Louisiana





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

This report focuses on:

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

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

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

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

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

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

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

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

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

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

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

**The ACT:**

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

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

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

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

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

15% 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:** 34,548 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. 81% 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 5% of the cohort took less than three years of math courses. Of these students, 3% were college ready. 18% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 6% of these students were college ready. In comparison, 38% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 6% of the cohort took less than three years of natural science courses. 3% of these students were college ready. In comparison, 21% 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 58% 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.

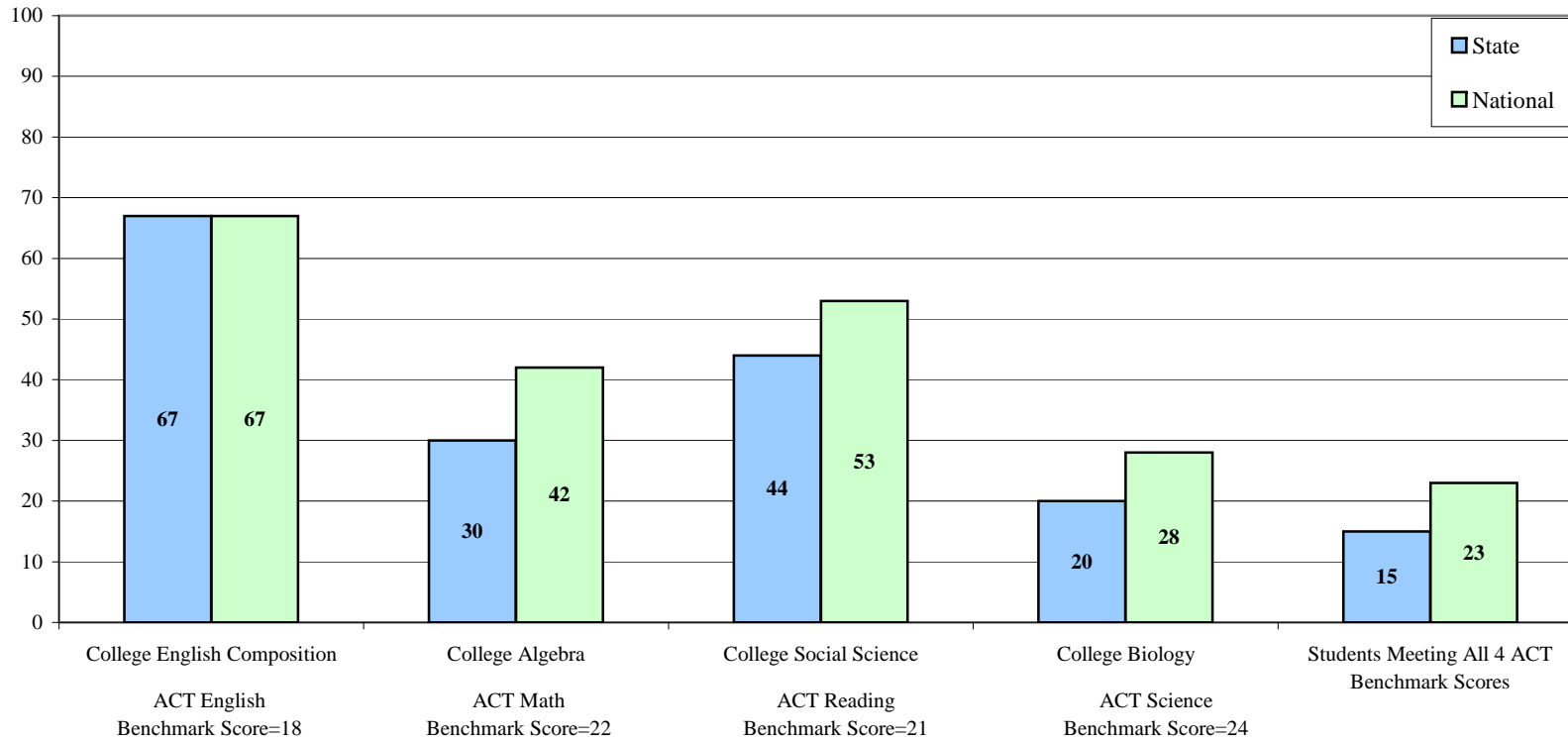
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 512-345-1949.

# Section I

## Executive Summary

Total Students in Report: 34,548

**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: 34,548

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	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
2007	34,042	1,300,599	67	69	30	43	43	53	19	28	14	23
2008	34,211	1,421,941	69	68	31	43	45	53	20	28	14	22
<b>2009</b>	<b>34,548</b>	<b>1,480,469</b>	<b>67</b>	<b>67</b>	<b>30</b>	<b>42</b>	<b>44</b>	<b>53</b>	<b>20</b>	<b>28</b>	<b>15</b>	<b>23</b>

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

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	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
2007	34,042	1,300,599	20.3	20.7	19.5	21.0	20.2	21.5	19.9	21.0	20.1	21.2
2008	34,211	1,421,941	20.5	20.6	19.7	21.0	20.3	21.4	20.0	20.8	20.3	21.1
<b>2009</b>	<b>34,548</b>	<b>1,480,469</b>	<b>20.3</b>	<b>20.6</b>	<b>19.6</b>	<b>21.0</b>	<b>20.2</b>	<b>21.4</b>	<b>20.0</b>	<b>20.9</b>	<b>20.1</b>	<b>21.1</b>

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

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

Total Students in Report: 34,548

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	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
2007	22,004	8,090	65	24	21.0	17.9	20.1	17.9	20.8	18.3	20.4	18.3	20.7	18.2
2008	25,966	6,740	76	20	21.3	17.9	20.2	17.8	20.9	18.0	20.5	18.3	20.9	18.1
<b>2009</b>	<b>27,901</b>	<b>6,016</b>	<b>81</b>	<b>17</b>	<b>21.1</b>	<b>17.2</b>	<b>20.1</b>	<b>17.4</b>	<b>20.8</b>	<b>17.6</b>	<b>20.5</b>	<b>17.9</b>	<b>20.7</b>	<b>17.7</b>

<sup>1</sup>"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.

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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</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>	<b>34,211</b>	<b>100</b>	<b>20.3</b>	<b>34,548</b>	<b>100</b>	<b>20.1</b>
African American/Black	10,550	30	16.8	8,862	27	17.2	9,229	27	17.0	9,692	28	17.4	10,530	30	17.3
American Indian/Alaska Native	261	1	19.3	248	1	18.9	275	1	19.8	257	1	19.7	273	1	19.4
Caucasian American/White	21,308	60	21.2	20,136	61	21.3	19,786	58	21.4	20,627	60	21.5	20,423	59	21.5
Hispanic	759	2	20.0	716	2	20.3	686	2	20.2	745	2	20.5	793	2	20.3
Asian American/Pacific Islander	744	2	20.8	729	2	21.5	679	2	21.7	704	2	22.1	738	2	22.3
Other/No Response	2,120	6	19.8	2,448	7	20.0	3,387	10	20.7	2,186	6	20.8	1,791	5	20.2

# Section II

# Academic Achievement

Total Students in Report: 34,548

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	87	100	37	100	149	100	35	100	7	100	36
35	265	100	57	100	78	100	59	100	31	100	35
34	297	99	131	100	303	99	89	100	86	100	34
33	347	98	189	99	436	98	106	99	147	100	33
32	399	97	182	99	343	97	84	99	201	99	32
31	454	96	208	98	559	96	225	99	275	99	31
30	672	95	202	98	844	95	288	98	446	98	30
29	631	93	445	97	751	92	381	97	521	97	29
28	844	91	595	96	847	90	476	96	778	95	28
27	923	88	770	94	950	88	616	95	1,023	93	27
26	1,381	86	1,181	92	959	85	1,076	93	1,089	90	26
25	1,709	82	1,344	88	1,099	82	2,010	90	1,369	87	25
24	1,594	77	1,880	85	1,436	79	1,515	84	1,794	83	24
23	1,926	72	1,653	79	1,909	75	2,429	80	2,145	78	23
22	2,237	67	1,619	74	1,978	69	2,419	73	2,192	71	22
21	2,725	60	1,807	70	2,413	63	3,172	66	2,703	65	21
20	2,669	52	2,087	64	2,446	56	4,152	57	3,311	57	20
19	2,313	45	2,384	58	2,440	49	2,983	45	2,588	48	19
18	1,693	38	2,714	51	1,911	42	3,097	36	2,813	40	18
17	1,691	33	4,134	44	2,188	37	1,893	27	2,888	32	17
16	2,091	28	5,292	32	2,618	30	1,994	22	2,551	24	16
15	2,121	22	3,624	16	2,165	23	1,393	16	2,238	16	15
14	1,323	16	1,491	6	2,052	17	1,213	12	1,679	10	14
13	988	12	382	2	1,613	11	1,162	8	1,032	5	13
12	976	9	99	1	1,103	6	643	5	481	2	12
11	787	6	26	1	586	3	575	3	127	1	11
10	638	4	8	1	208	1	241	1	26	1	10
9	457	2	3	1	93	1	167	1	3	1	9
8	190	1	2	1	41	1	36	1	1	1	8
7	84	1	0	1	14	1	10	1	1	1	7
6	25	1	1	1	7	1	3	1	1	1	6
5	9	1	0	1	5	1	2	1	1	1	5
4	1	1	1	1	3	1	1	1	0	1	4
3	1	1	0	1	0	1	3	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
<b>Avg (SD)</b>	20.3 (5.8)		19.6 (4.5)		20.2 (5.7)		20.0 (4.5)		20.1 (4.6)		<b>Avg (SD)</b>

<sup>1</sup>CP 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: 34,548

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,055	100	287	100	541	100	906	100	561	100	140	100	135	100	18
17	915	97	222	99	784	98	971	97	1,036	98	121	100	72	100	17
16	1,406	94	1,434	99	1,264	96	1,707	95	918	95	468	99	563	99	16
15	1,732	90	1,756	94	1,635	93	2,205	90	1,404	93	545	98	843	98	15
14	1,652	85	2,062	89	1,484	88	2,403	83	1,828	89	1,924	96	1,615	95	14
13	2,235	80	2,692	83	2,378	83	1,767	76	2,093	83	2,132	91	2,919	91	13
12	2,837	74	3,805	76	2,741	77	2,599	71	3,039	77	3,094	85	2,384	82	12
11	3,117	66	3,885	65	2,871	69	3,218	64	3,359	69	4,447	76	3,580	75	11
10	4,538	57	4,214	53	4,744	60	3,350	54	3,462	59	6,679	63	5,391	65	10
9	3,812	44	4,412	41	4,028	47	2,604	45	3,995	49	5,670	43	5,003	49	9
8	2,801	33	3,373	28	4,905	35	3,334	37	4,904	37	4,269	27	4,292	35	8
7	2,768	24	2,737	19	3,690	21	3,045	27	4,958	23	2,254	15	2,764	22	7
6	2,452	16	1,260	11	1,776	10	2,551	19	2,085	9	1,060	8	2,122	14	6
5	1,482	9	1,225	7	987	5	2,430	11	580	3	942	5	1,417	8	5
4	1,096	5	819	3	358	2	906	4	225	1	414	2	641	4	4
3	477	2	313	1	247	1	426	2	80	1	283	1	515	2	3
2	163	1	45	1	93	1	120	1	19	1	42	1	151	1	2
1	10	1	7	1	22	1	6	1	2	1	64	1	141	1	1
Avg (SD)	10.2 (3.6)		10.3 (3.1)		10.2 (3.2)		10.2 (3.8)		10.2 (3.2)		9.9 (2.6)		9.6 (2.9)		Avg (SD)

<sup>1</sup>CP 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)	24	23	24	23	23
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 34,548

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>34,548</b>	<b>81</b>	<b>20.7</b>	<b>17.7</b>
	African American/Black	10,530	74	17.7	16.0
	American Indian/Alaska Native	273	75	20.1	17.5
	Caucasian American/White	20,423	84	22.0	19.1
	Hispanic	793	84	20.9	17.4
	Asian American/Pacific Islander	738	90	22.6	19.4
	Other/No Response	1,791	75	21.0	18.1
National	<b>All Students</b>	<b>1,480,469</b>	<b>70</b>	<b>22.0</b>	<b>19.1</b>
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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

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

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	20.3	19.6	20.2	20.0	20.1
	African American/Black	16.9	17.1	16.9	17.6	17.3
	American Indian/Alaska Native	19.2	18.7	19.6	19.5	19.4
	Caucasian American/White	22.0	20.7	21.7	21.1	21.5
	Hispanic	20.4	19.9	20.3	20.1	20.3
	Asian American/Pacific Islander	22.1	22.9	21.5	22.0	22.3
	Other/No Response	20.3	19.6	20.5	19.9	20.2
National	<b>All Students</b>	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 34,548

**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	996	3	414	1	966	3	289	1
	28 to 32	3,000	9	1,632	5	3,344	10	1,454	4
	24 to 27	5,607	16	5,175	15	4,444	13	5,217	15
	20 to 23	9,557	28	7,166	21	8,746	25	12,172	35
	16 to 19	7,788	23	14,524	42	9,157	27	9,967	29
	13 to 15	4,432	13	5,497	16	5,830	17	3,768	11
	01 to 12	3,168	9	140	0	2,061	6	1,681	5
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	15,237	44	20.1	20.1	20.2	20.5	20.3
	Females	19,258	56	20.5	19.1	20.1	19.6	20.0
	Missing	53	0	19.3	18.8	20.8	19.6	19.8
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	65	35	44	25	18
	Females	69	26	43	16	12
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 34,548

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>3</sup>	Avg
State	Core or More <sup>2</sup>	27,901	72	21.1	34	20.1	48	20.8	23	20.5	17	20.7
	Less than Core	6,016	44	17.2	13	17.4	24	17.6	8	17.9	5	17.7
	Missing	631	45	17.1	15	17.5	27	17.8	10	17.8	7	17.7
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

<sup>1</sup>"Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup>"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.

<sup>3</sup>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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	33,254	68	20.4	32,334	32	19.8	30,081	46	20.5	31,854	21	20.2
	Less than Core	754	38	16.3	1,645	3	15.9	3,873	28	18.0	2,109	4	16.6
	Missing	540	49	17.6	569	15	17.6	594	28	18.0	585	10	17.9
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

<sup>1</sup>"Curriculum Taken" reflects content-specific curriculum in this table.

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

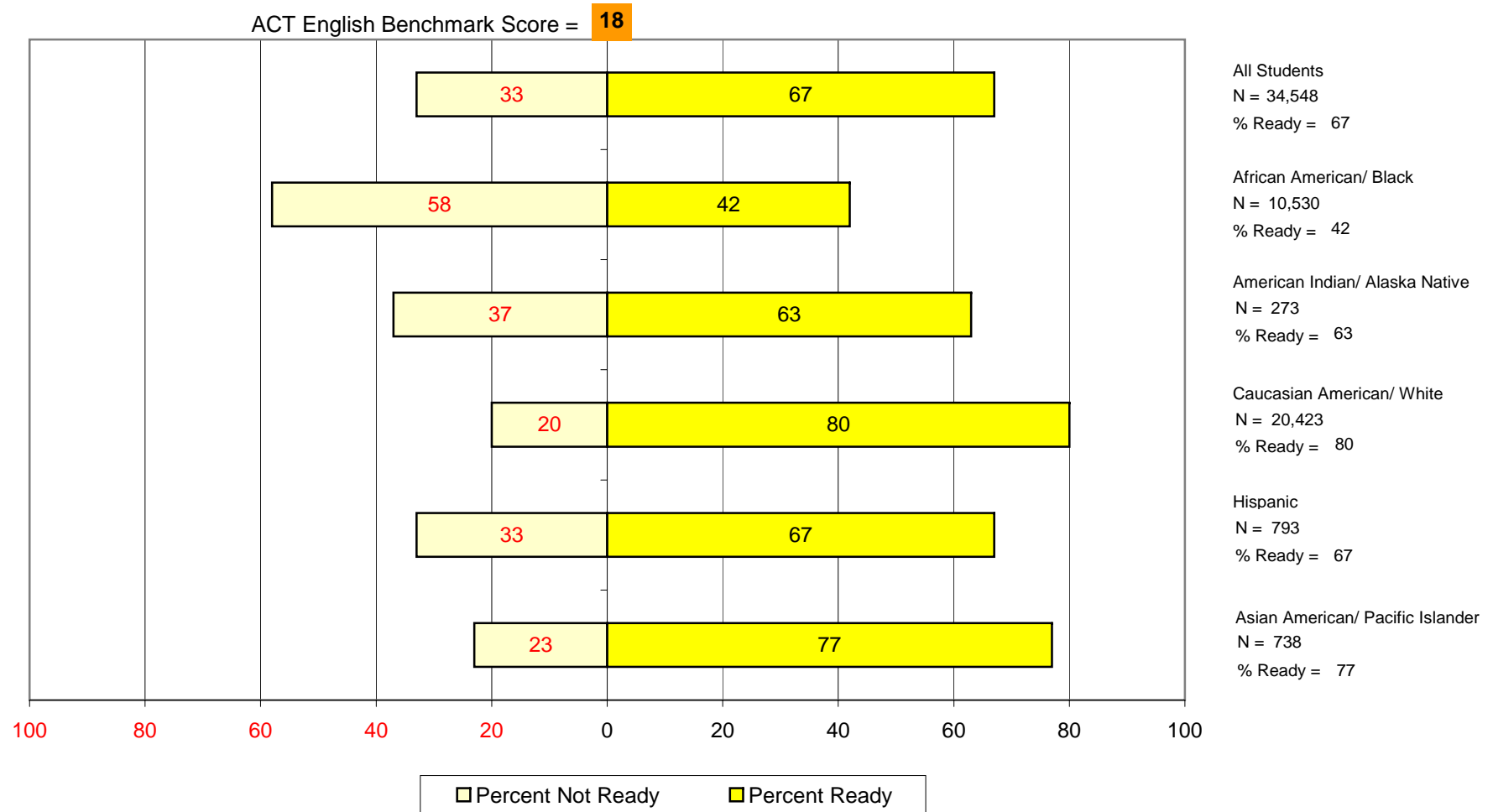


# Section III

## College Readiness and the Impact of Course Rigor

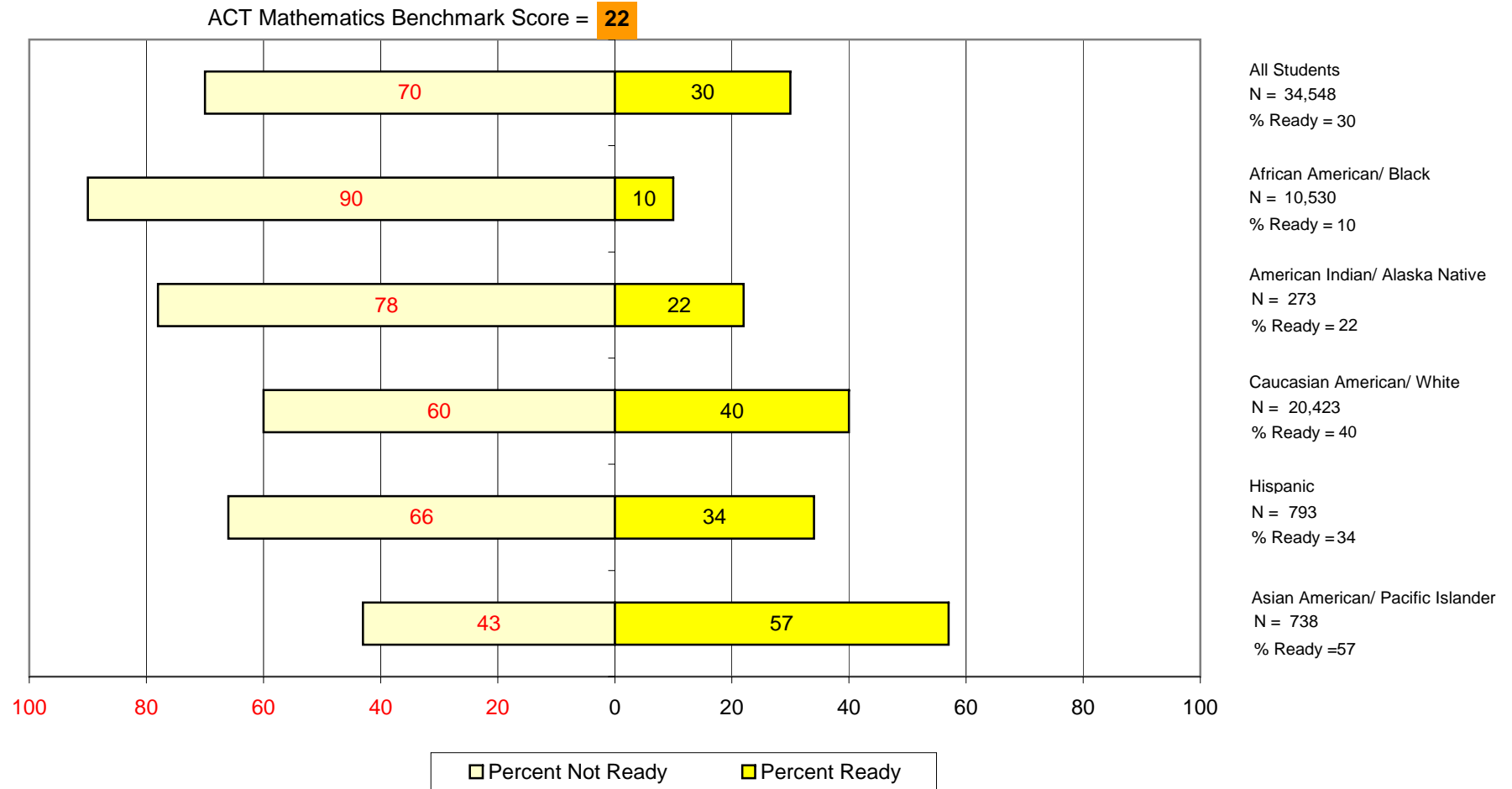
Total Students in Report: 34,548

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



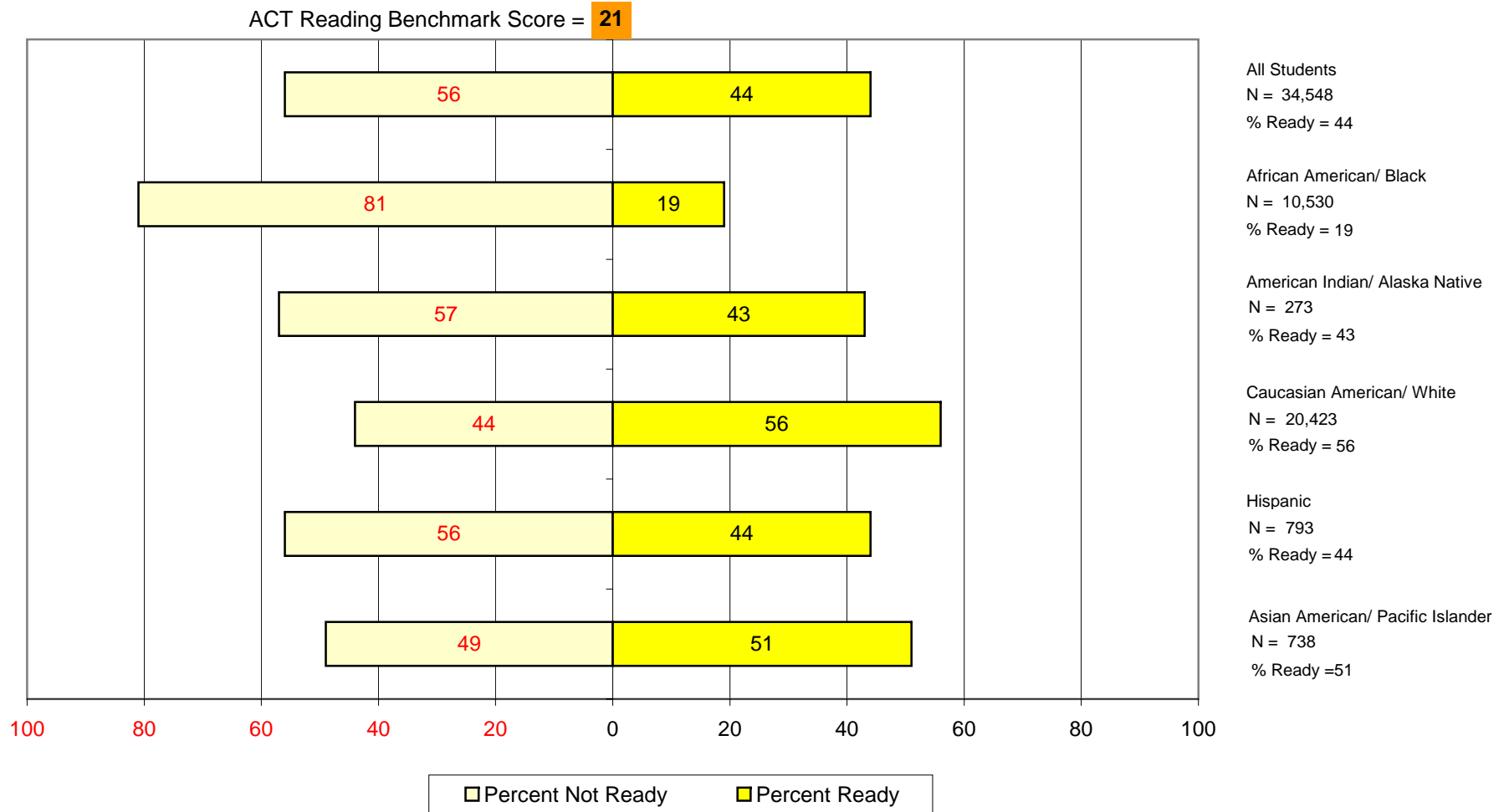
Total Students in Report: 34,548

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



Total Students in Report: 34,548

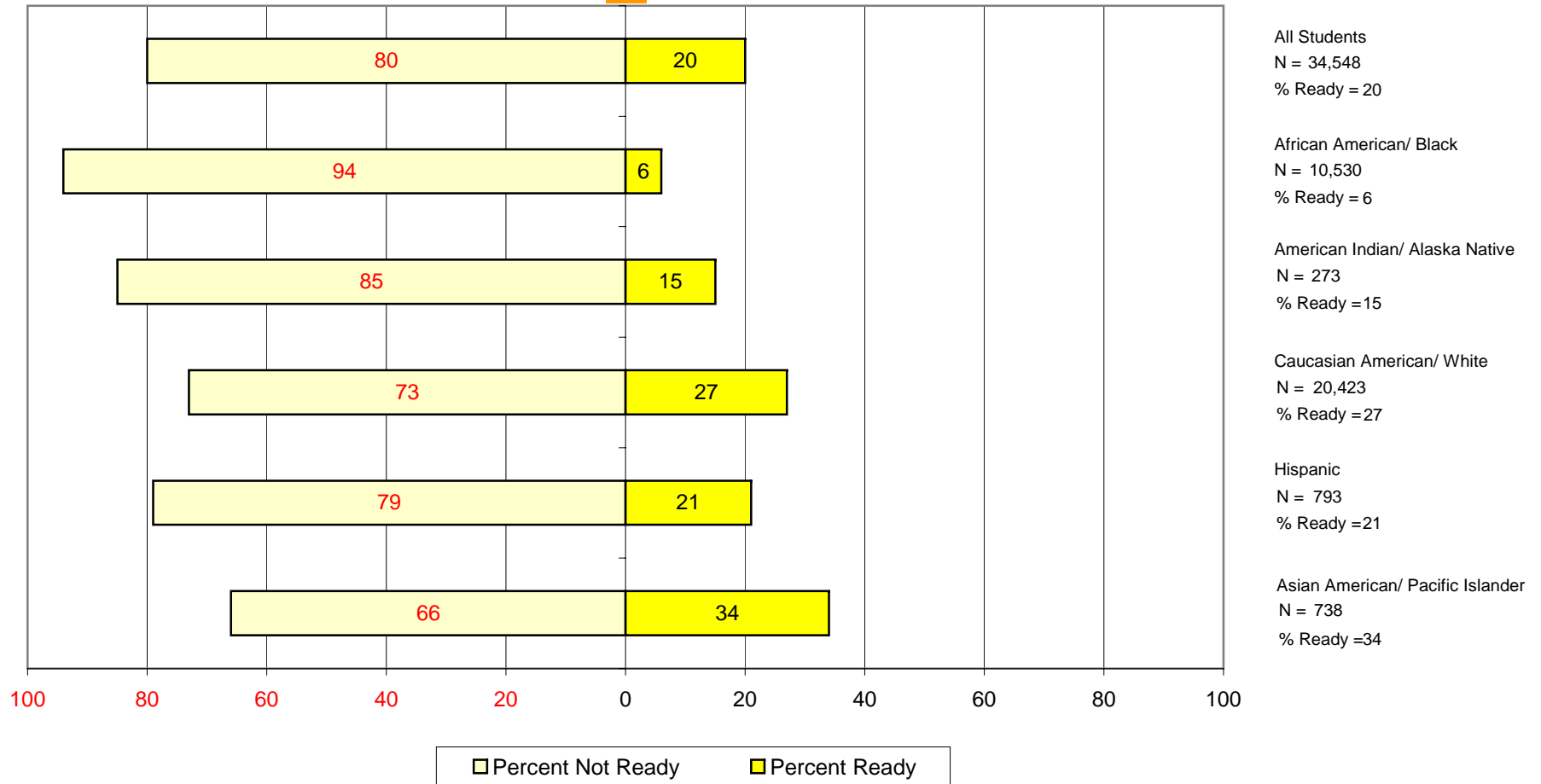
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 34,548

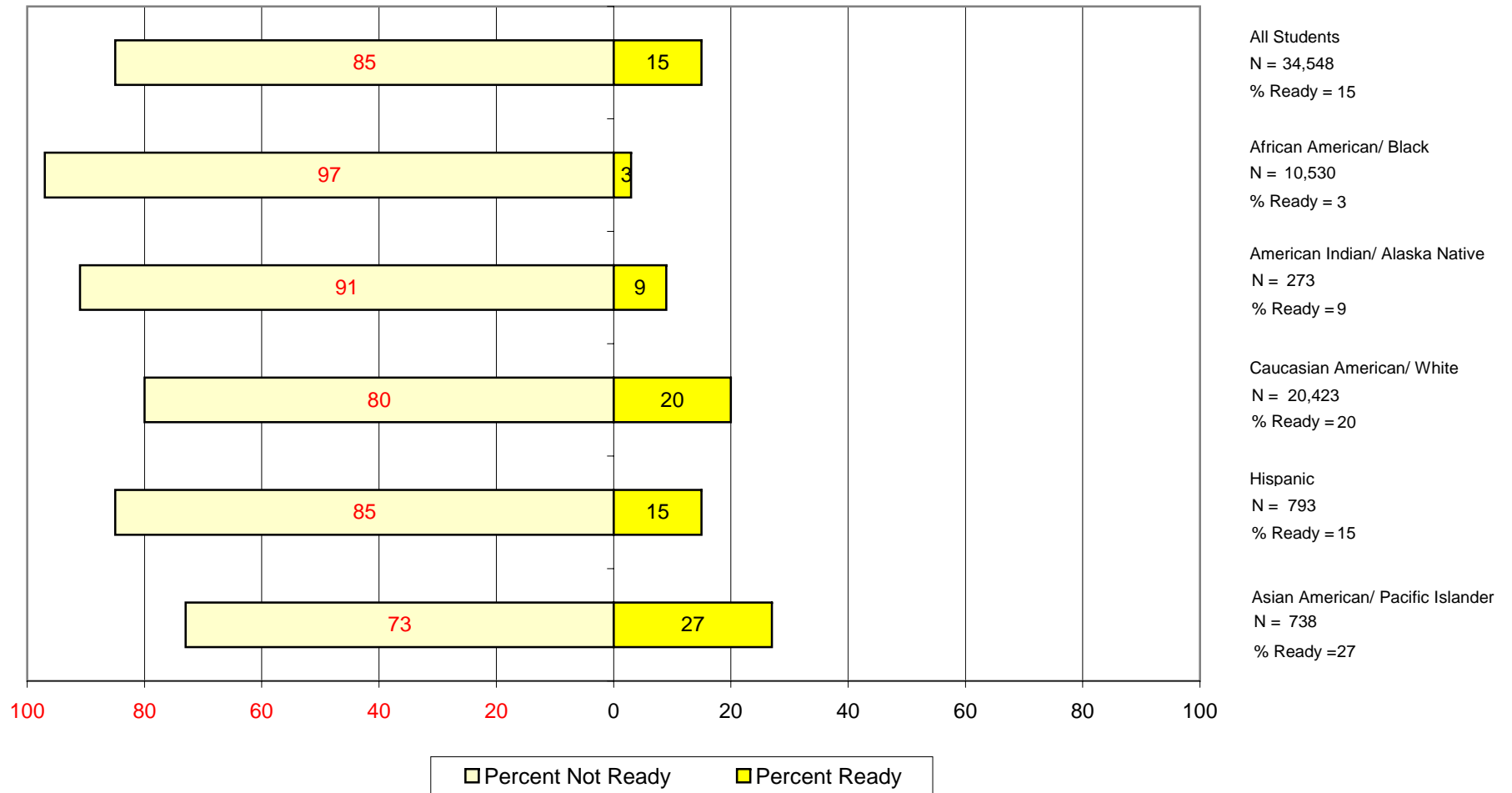
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 34,548

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



Total Students in Report: 34,548

**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 <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	5,518	16	21.8	5.5	2,337	15	21.5	5.4	3,177	16	22.0	5.5
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,736	80	20.2	3.9	12,164	80	20.0	3.9	15,540	81	20.3	3.8
Less than 4 years of English	771	2	16.3	-	403	3	16.1	-	362	2	16.5	-
No English course/grade information reported	523	2	17.7	-	333	2	17.5	-	179	1	17.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,261	4	23.4	7.5	540	4	24.3	8.2	720	4	22.7	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,822	5	21.2	5.3	719	5	21.8	5.7	1,103	6	20.8	5.1
Alg 1, Alg 2, Geom, & Trig	1,520	4	20.0	4.1	681	4	20.3	4.2	837	4	19.8	4.1
Alg 1, Alg 2, Geom, & Other Adv Math	8,283	24	19.1	3.2	3,061	20	19.7	3.6	5,216	27	18.8	3.1
Other comb of 4 or more years of Math	11,245	33	21.6	5.7	5,503	36	22.3	6.2	5,731	30	21.0	5.3
Alg 1, Alg 2, & Geom (Min. Core)	6,179	18	16.8	0.9	2,562	17	17.1	1.0	3,609	19	16.6	0.9
Other comb of 3 or 3.5 years of Math	2,024	6	18.0	2.1	1,013	7	18.2	2.1	1,003	5	17.7	2.0
Less than 3 years of Math	1,681	5	15.9	-	821	5	16.1	-	855	4	15.7	-
No Math course/grade information reported	533	2	17.7	-	337	2	17.8	-	184	1	17.5	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	580	2	22.4	4.5	287	2	22.2	4.3	293	2	22.6	4.6
Other comb of 4 or more years Social Science	14,666	42	20.9	3.0	6,699	44	21.0	3.1	7,954	41	20.9	2.9
US Hist, World Hist, & Am Gov (Min. Core)	1,810	5	19.9	2.0	741	5	19.5	1.6	1,068	6	20.1	2.1
Other comb of 3 or 3.5 years of Social Science	13,025	38	20.0	2.1	5,524	36	20.1	2.2	7,486	39	19.9	1.9
Less than 3 years of Social Science	3,922	11	17.9	-	1,644	11	17.9	-	2,268	12	18.0	-
No Soc Sci course/grade information reported	545	2	18.2	-	342	2	18.1	-	189	1	18.2	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	17,891	52	21.3	4.7	8,210	54	21.9	5.2	9,663	50	20.8	4.3
Bio, Chem, Phys	627	2	23.2	6.6	269	2	23.9	7.2	356	2	22.6	6.1
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	13,163	38	18.7	2.1	5,222	34	19.0	2.3	7,931	41	18.6	2.1
Other comb of 3 years of Natural Science	173	1	17.0	0.4	110	1	17.5	0.8	62	0	16.1	-0.4
Less than 3 years of Natural Science	2,150	6	16.6	-	1,087	7	16.7	-	1,054	5	16.5	-
No Nat Sci course/grade information reported	544	2	18.0	-	339	2	18.2	-	192	1	17.6	-

<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.

Total Students in Report: 34,548

**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	5,518	16	21.8	75	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,736	80	20.2	67	1,029,431	70	20.6	68
Less than 4 years of English	771	2	16.3	38	74,090	5	16.7	42
No English course/grade information reported	523	2	17.7	49	38,830	3	16.1	37
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,261	4	23.4	64	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,822	5	21.2	46	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	1,520	4	20.0	35	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	8,283	24	19.1	25	220,868	15	20.1	36
Other comb of 4 or more years of Math	11,245	33	21.6	48	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	6,179	18	16.8	6	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	2,024	6	18.0	17	70,732	5	20.1	35
Less than 3 years of Math	1,681	5	15.9	3	105,591	7	16.5	7
No Math course/grade information reported	533	2	17.7	16	40,565	3	17.7	18
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	580	2	22.4	60	46,754	3	22.8	61
Other comb of 4 or more years Social Science	14,666	42	20.9	49	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	1,810	5	19.9	43	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	13,025	38	20.0	42	420,236	28	21.3	52
Less than 3 years of Social Science	3,922	11	17.9	27	152,775	10	19.7	40
No Soc Sci course/grade information reported	545	2	18.2	30	40,525	3	17.5	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	17,891	52	21.3	29	563,824	38	22.2	39
Bio, Chem, Phys	627	2	23.2	48	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	13,163	38	18.7	10	459,833	31	20.1	21
Other comb of 3 years of Natural Science	173	1	17.0	5	41,353	3	19.8	21
Less than 3 years of Natural Science	2,150	6	16.6	3	233,215	16	18.4	11
No Nat Sci course/grade information reported	544	2	18.0	11	40,713	3	17.7	11

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



# Section IV

## Career and Educational Aspirations

Total Students in Report: 34,548

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <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	579	2	18.0	94	4	16.2	453	2	18.3
Architecture & Environmental Design	718	2	20.4	39	2	15.4	636	2	20.8
Business & Management	3,267	9	19.5	209	8	16.2	2,882	10	19.8
Business & Office	334	1	18.0	50	2	17.0	256	1	18.4
Marketing & Distribution	244	1	19.8	18	1	17.7	215	1	20.0
Communications & Comm. Technologies	710	2	21.0	27	1	16.2	654	2	21.2
Community & Personal Services	757	2	18.1	98	4	16.2	623	2	18.5
Computer & Information Sciences	865	3	20.3	78	3	17.3	737	3	20.7
Cross-Disciplinary Studies	31	0	22.4	0	0	.	28	0	22.1
Education	1,168	3	19.7	47	2	16.5	1,056	4	19.9
Teacher Education	867	3	19.0	38	2	16.6	769	3	19.3
Engineering	1,848	5	21.3	101	4	16.1	1,648	6	21.8
Engineering-Related Technologies	1,136	3	21.0	90	4	17.8	984	3	21.3
Foreign Languages	116	0	22.7	7	0	17.7	99	0	22.5
Health Sciences & Allied Health Fields	8,978	26	20.0	636	25	16.8	7,958	27	20.3
Human, Family & Consumer Science	545	2	18.0	68	3	16.8	437	1	18.3
Letters	149	0	23.6	6	0	20.0	136	0	23.8
Mathematics	212	1	21.2	13	1	15.9	187	1	21.7
Philosophy, Religion & Theology	124	0	22.0	2	0	16.0	111	0	22.1
Sciences (Biological & Physical)	1,952	6	22.2	37	1	17.1	1,842	6	22.4
Social Sciences	1,811	5	21.4	29	1	17.5	1,708	6	21.6
Trade & Industrial	427	1	17.3	225	9	16.6	177	1	18.4
Visual & Performing Arts	1,837	5	20.3	141	6	16.7	1,574	5	20.7
Undecided	4,957	14	20.4	403	16	16.7	4,046	14	20.9
No Response	916	3	17.6	52	2	14.9	182	1	17.5

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

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

Total Students in Report: 34,548

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	544	16.6	135	15.5	10	16.4	365	17.1	5	16.2	4	16.8	25	15.1
2-yr College Degree	1,964	16.7	712	15.1	25	17.2	1,093	17.6	48	16.4	23	18.0	63	16.9
Bachelors Degree	14,141	19.4	3,972	16.7	106	19.0	9,012	20.6	287	19.1	206	20.4	558	19.6
Graduate Study	4,115	22.1	1,034	18.3	23	21.4	2,666	23.5	88	22.6	70	24.4	234	21.8
Prof. Level Degree	11,142	21.5	3,766	18.4	85	20.9	6,009	23.3	300	21.7	372	23.4	610	21.3
Other	1,189	17.9	495	15.9	16	17.6	554	19.5	22	20.0	24	19.6	78	18.3
No Response	1,453	19.6	416	16.0	8	17.3	724	21.6	43	19.4	39	22.1	223	19.4

Total Students in Report: 34,548

**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	9,075	3,652	5,423	1	5	17	37	27	12	1
UNIVERSITY OF LOUISIANA AT LAFAYETTE	Louisiana	7,457	2,193	5,264	1	9	32	37	17	4	0
LA OFFICE OF STUD FINANCIAL ASSISTANCE	Louisiana	7,316	4,199	3,117	1	7	27	36	20	9	1
SOUTHEASTERN LOUISIANA UNIVERSITY	Louisiana	5,816	2,025	3,791	2	13	33	36	13	3	0
LOUISIANA TECH UNIVERSITY	Louisiana	4,467	1,159	3,308	1	10	28	35	19	7	1
NORTHWESTERN STATE UNIV OF LOUISIANA	Louisiana	4,075	1,000	3,075	1	15	37	31	12	3	0
UNIVERSITY OF LOUISIANA AT MONROE	Louisiana	3,717	1,013	2,704	1	14	36	32	13	3	0
SOUTHERN UNIV AT BATON ROUGE	Louisiana	3,096	936	2,160	4	31	45	16	3	1	0
NICHOLLS STATE UNIVERSITY	Louisiana	3,068	1,043	2,025	1	13	35	35	13	3	0
MCNEESE STATE UNIVERSITY	Louisiana	2,992	952	2,040	1	13	36	34	13	3	0
UNIVERSITY OF NEW ORLEANS	Louisiana	2,884	674	2,210	1	11	32	35	17	4	0
TULANE UNIVERSITY	Louisiana	2,263	374	1,889	1	6	16	22	29	22	3
GRAMBLING STATE UNIVERSITY	Louisiana	1,809	516	1,293	6	37	44	11	2	0	0
XAVIER UNIVERSITY	Louisiana	1,342	412	930	2	18	36	30	12	2	0
LOUISIANA ST UNIV-SHREVEPORT	Louisiana	1,309	270	1,039	1	12	31	36	15	5	0
DELGADO COMMUNITY COLLEGE	Louisiana	1,291	472	819	6	30	42	19	3	0	0
LOUISIANA ST UNIV AT EUNICE	Louisiana	1,171	369	802	1	14	39	34	11	1	0
BATON ROUGE COMMUNITY COLLEGE	Louisiana	1,122	320	802	4	20	42	26	7	1	0
LOYOLA UNIVERSITY NEW ORLEANS	Louisiana	1,094	198	896	1	6	20	32	27	13	1
LOUISIANA ST UNIV-ALEXANDRIA	Louisiana	864	249	615	1	15	38	33	12	2	0
NCAA ELIGIBILITY CENTER	Indiana	826	279	547	1	13	31	33	16	5	1
LOUISIANA TECH COLLEGE (ALL CAMPUSES)	Louisiana	775	151	624	2	27	39	23	6	2	0
BOSSIER PARISH COMMUNITY COLL	Louisiana	653	232	421	2	22	43	27	5	1	0
LOUISIANA COLLEGE	Louisiana	652	145	507	1	9	29	37	18	6	0
DILLARD UNIVERSITY	Louisiana	651	123	528	5	30	40	20	3	1	0
CENTENARY COLLEGE OF LOUISIANA	Louisiana	580	121	459	1	5	16	32	25	19	2
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	498	119	379	1	9	22	39	20	8	0
SOUTHERN UNIV AT NEW ORLEANS	Louisiana	445	81	364	8	41	38	12	1	0	0
OUR LADY OF THE LAKE COLLEGE	Louisiana	434	82	352	2	13	39	33	11	2	0
SOUTH LOUISIANA COMMUNITY COLL	Louisiana	420	104	316	2	22	47	25	3	0	0
All Other Institutions		16,549	3,397	13,152	2	15	26	23	19	13	2
<b>Total</b>		<b>88,711</b>	<b>26,860</b>	<b>61,851</b>	<b>2</b>	<b>13</b>	<b>30</b>	<b>31</b>	<b>16</b>	<b>7</b>	<b>1</b>

# Section V Optional Writing Test Results

Total Students in Report: 34,548

**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>9,625</b>	<b>814,713</b>	<b>22.5</b>	<b>21.5</b>	<b>6.5</b>	<b>7.2</b>	<b>21.0</b>	<b>20.8</b>
African American/Black	2,658	96,225	18.0	16.5	6.0	6.4	17.2	16.5
American Indian/Alaska Native	57	5,489	20.9	18.9	6.3	6.7	19.6	18.5
Caucasian American/White	5,694	497,164	24.4	22.8	6.7	7.3	22.5	21.9
Hispanic	316	85,681	22.7	18.4	6.8	7.0	21.4	18.4
Asian American/Pacific Islander	307	44,716	25.1	23.5	6.9	7.6	23.2	22.8
Other/No Response	593	85,438	22.8	21.4	6.6	7.2	21.2	20.8
Males	4,307	357,025	22.6	21.1	6.3	6.9	20.8	20.3
Females	5,301	455,190	22.4	21.7	6.7	7.4	21.1	21.2
Missing	17	2,498	24.9	22.1	7.1	7.2	23.2	21.3



