

ACT High School Profile Report

The Graduating Class of 2008
Louisiana



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This report provides information about the performance of your 2008 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 2008 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, 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

How to Improve Scores and Increase College Readiness

14% of 2008 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. 34,211 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. 76% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES. Table 3.2 reports 6% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 20% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 7% of these students were college ready. In comparison, 39% 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 7% of the cohort took less than three years of natural science courses. 6% 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 57% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

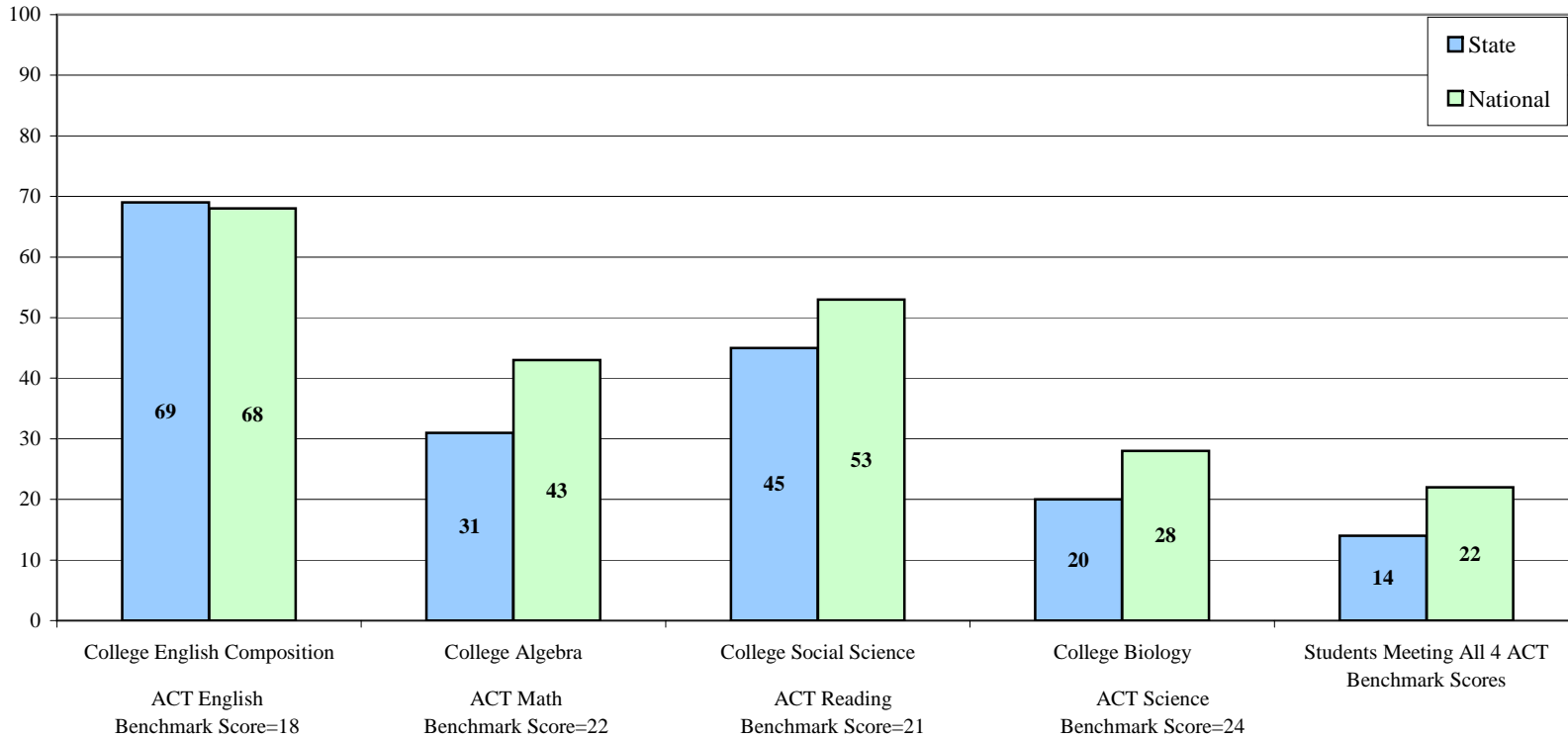
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

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
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
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
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

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

Grad Year	Number of Students Tested		Percent ¹		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
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
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

¹Percent 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

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	36,661	100	19.8	35,742	100	19.8	33,139	100	20.1	34,042	100	20.1	34,211	100	20.3
African American/Black	10,605	29	16.9	10,550	30	16.8	8,862	27	17.2	9,229	27	17.0	9,692	28	17.4
American Indian/Alaska Native	267	1	19.4	261	1	19.3	248	1	18.9	275	1	19.8	257	1	19.7
Caucasian American/White	22,188	61	21.2	21,308	60	21.2	20,136	61	21.3	19,786	58	21.4	20,627	60	21.5
Hispanic	724	2	19.8	759	2	20.0	716	2	20.3	686	2	20.2	745	2	20.5
Asian American/Pacific Islander	767	2	21.0	744	2	20.8	729	2	21.5	679	2	21.7	704	2	22.1
Other/No Response	2,110	6	19.9	2,120	6	19.8	2,448	7	20.0	3,387	10	20.7	2,186	6	20.8

Section II

Academic Achievement

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	40	100	38	100	122	100	31	100	1	100	36
35	317	100	64	100	142	100	75	100	31	100	35
34	365	99	141	100	254	99	82	100	81	100	34
33	290	98	185	99	391	98	124	99	131	100	33
32	387	97	162	99	466	97	135	99	218	99	32
31	428	96	169	98	647	96	146	99	274	99	31
30	634	95	299	98	868	94	308	98	462	98	30
29	725	93	400	97	783	92	304	97	547	96	29
28	870	91	701	96	815	89	474	96	776	95	28
27	943	88	893	94	897	87	677	95	1,082	93	27
26	1,164	85	1,141	91	1,050	84	879	93	1,009	89	26
25	1,807	82	1,468	88	1,196	81	1,839	91	1,363	87	25
24	1,592	77	1,573	83	1,579	78	1,744	85	1,799	83	24
23	1,959	72	1,627	79	2,160	73	2,023	80	2,198	77	23
22	2,506	66	1,618	74	1,718	67	3,347	74	2,316	71	22
21	2,965	59	2,040	69	2,273	62	2,616	64	2,855	64	21
20	2,565	50	1,952	63	2,199	55	4,014	57	3,311	56	20
19	2,220	43	2,477	58	2,750	49	3,549	45	2,525	46	19
18	1,858	36	3,398	50	1,556	41	2,856	35	2,845	39	18
17	1,764	31	3,779	41	2,337	36	1,715	26	2,720	30	17
16	1,873	26	4,457	29	2,101	29	2,216	21	2,561	22	16
15	1,983	20	3,682	16	2,119	23	1,397	15	2,119	15	15
14	1,318	14	1,410	6	1,990	17	1,113	11	1,554	9	14
13	1,071	11	386	2	1,720	11	899	7	884	4	13
12	738	8	107	1	939	6	707	5	412	2	12
11	717	5	31	1	667	3	500	3	107	1	11
10	536	3	8	1	279	1	252	1	22	1	10
9	316	2	2	1	103	1	125	1	4	1	9
8	174	1	1	1	44	1	35	1	2	1	8
7	67	1	0	1	24	1	19	1	1	1	7
6	12	1	1	1	13	1	6	1	0	1	6
5	6	1	0	1	8	1	1	1	1	1	5
4	1	1	0	1	1	1	2	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	1	1	0	1	0	1	0	1	1
Avg (SD)	20.5 (5.7)		19.7 (4.5)		20.3 (5.8)		20.0 (4.5)		20.3 (4.5)		Avg (SD)

¹Note: 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 (CP¹), 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 ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	873	100	182	100	550	100	617	100	712	100	93	100	124	100	18
17	1,123	97	603	99	896	98	1,104	98	795	98	223	100	85	100	17
16	1,378	94	1,349	98	1,223	96	2,190	95	1,205	96	308	99	633	99	16
15	1,369	90	2,051	94	1,531	92	1,957	89	1,310	92	549	98	872	98	15
14	1,945	86	1,794	88	1,595	88	2,304	83	1,758	88	1,751	97	2,092	95	14
13	2,380	80	2,427	83	2,272	83	1,384	76	2,351	83	1,840	91	2,132	89	13
12	2,494	73	4,455	75	2,457	76	2,889	72	2,850	76	3,111	86	3,118	83	12
11	3,427	66	4,042	62	3,774	69	3,493	64	3,699	68	4,112	77	3,883	74	11
10	4,299	56	5,069	51	3,453	58	3,408	53	3,638	57	7,043	65	5,392	62	10
9	3,813	44	3,304	36	4,628	48	2,886	43	3,341	46	5,208	44	6,007	46	9
8	3,199	32	3,761	26	4,309	35	3,384	35	5,016	37	4,842	29	3,846	29	8
7	2,519	23	2,215	15	3,580	22	2,568	25	4,712	22	1,477	15	2,207	18	7
6	2,116	16	1,349	9	1,997	12	2,137	18	1,997	8	1,816	11	1,458	11	6
5	1,629	10	834	5	980	6	2,447	11	532	2	1,042	5	1,293	7	5
4	1,140	5	563	2	589	3	975	4	217	1	387	2	374	3	4
3	395	1	181	1	266	1	300	1	52	1	310	1	500	2	3
2	106	1	28	1	94	1	164	1	21	1	33	1	97	1	2
1	6	1	4	1	17	1	4	1	5	1	66	1	98	1	1
Avg (SD)	10.2 (3.6)		10.6 (3.0)		10.1 (3.3)		10.3 (3.7)		10.2 (3.2)		9.8 (2.6)		9.8 (2.8)		Avg (SD)

¹Note: 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	23	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	All Students	34,211	76	20.9	18.1
	African Am./Black	9,692	69	17.9	16.2
	Am. Indian/Alaska Native	257	75	20.4	17.5
	Caucasian Am./White	20,627	80	22.0	19.6
	Hispanic	745	83	20.9	18.1
	Asian Am./Pacific Islander	704	86	22.5	19.1
	Other/No Response	2,186	67	21.3	18.6
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.5	19.7	20.3	20.0	20.3
	African Am./Black	17.1	17.2	17.0	17.6	17.4
	Am. Indian/Alaska Native	20.0	18.8	19.8	19.6	19.7
	Caucasian Am./White	22.0	20.7	21.7	21.0	21.5
	Hispanic	20.6	19.9	20.7	20.2	20.5
	Asian Am./Pacific Islander	21.9	22.8	21.4	21.7	22.1
	Other/No Response	21.1	20.1	21.0	20.4	20.8
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

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	1,012	3	428	1	909	3	312	1
	28 to 32	3,044	9	1,731	5	3,579	10	1,367	4
	24 to 27	5,506	16	5,075	15	4,722	14	5,139	15
	20 to 23	9,995	29	7,237	21	8,350	24	12,000	35
	16 to 19	7,715	23	14,111	41	8,744	26	10,336	30
	13 to 15	4,372	13	5,478	16	5,829	17	3,409	10
	01 to 12	2,567	8	151	0	2,078	6	1,648	5
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	14,892	44	20.1	20.2	20.2	20.4	20.4
	Females	18,916	55	20.8	19.3	20.3	19.7	20.2
	Missing	403	1	21.0	20.2	21.3	20.4	20.9
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

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	66	36	44	24	18
	Females	71	27	45	16	12
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	25,966	75	21.3	35	20.2	50	20.9	22	20.5	16	20.9
	Non-Core	6,740	50	17.9	15	17.8	28	18.0	11	18.3	6	18.1
	Missing	1,505	59	19.5	28	19.3	41	19.9	19	19.4	14	19.7
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core	31,713	70	20.6	30,994	32	19.9	28,248	47	20.6	30,452	21	20.3
	Non-Core	1,230	52	18.3	1,863	7	16.4	4,552	30	18.4	2,354	6	17.1
	Missing	1,268	62	20.0	1,354	30	19.4	1,411	42	20.1	1,405	19	19.5
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

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

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

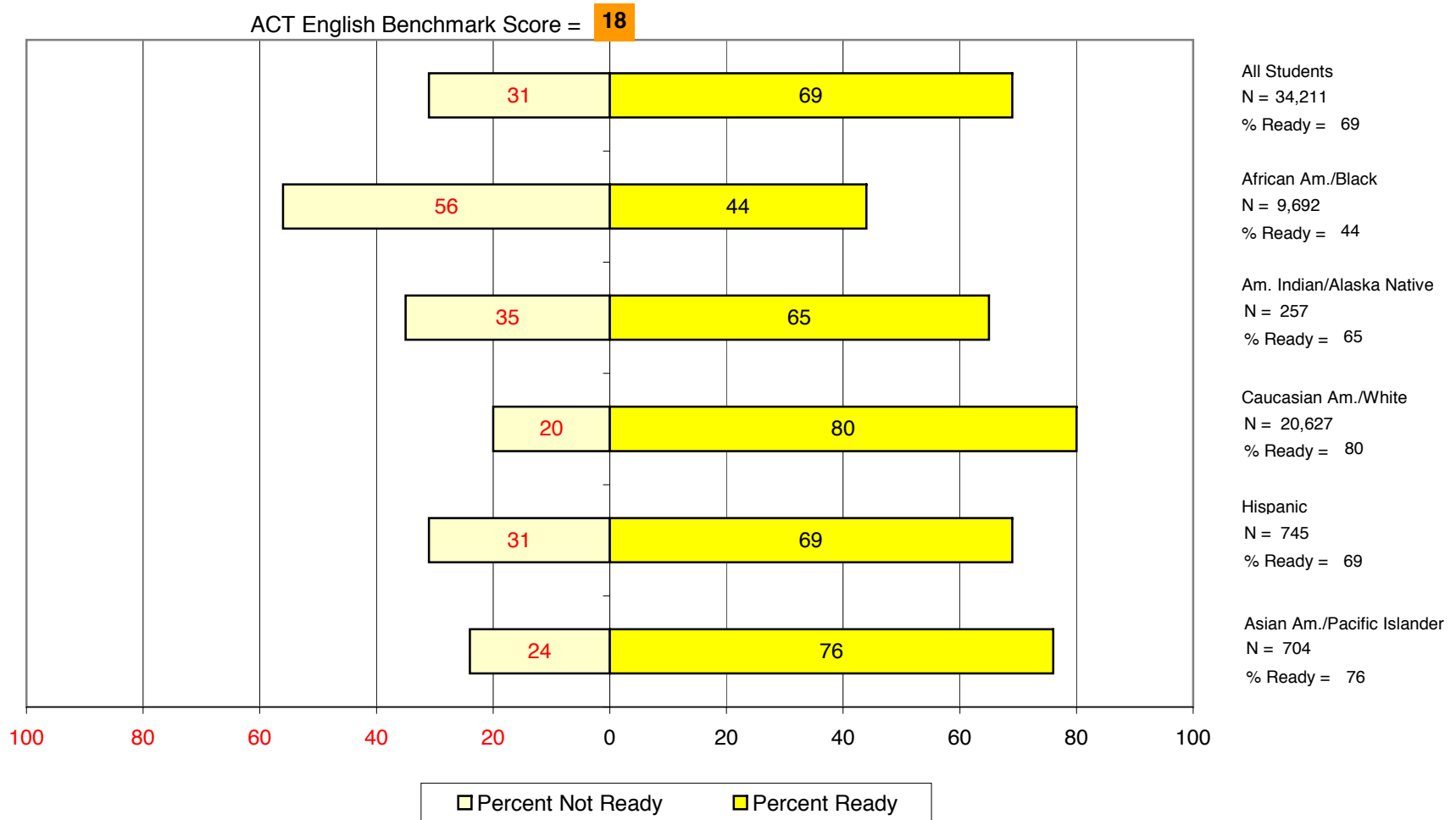


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

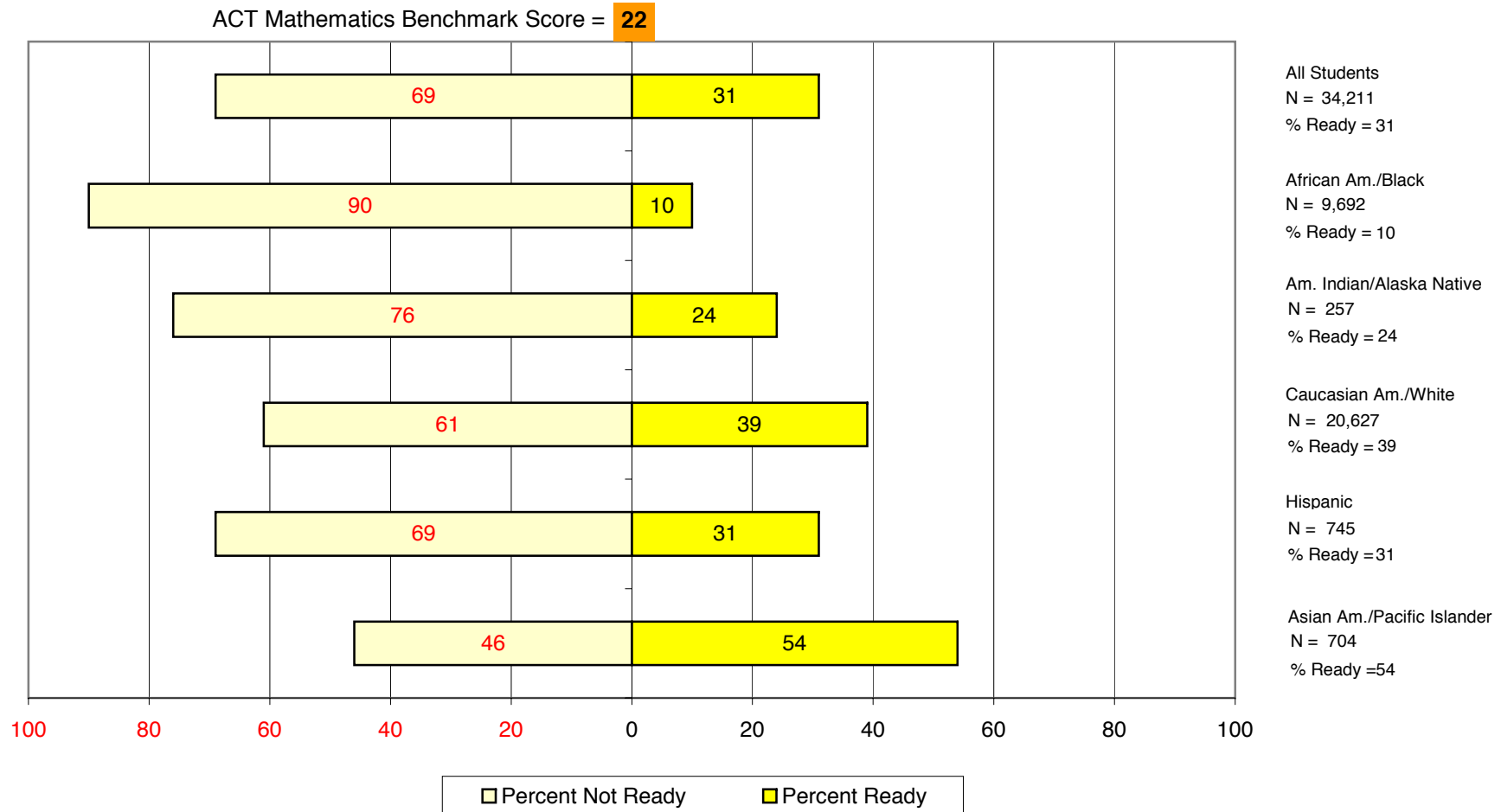


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

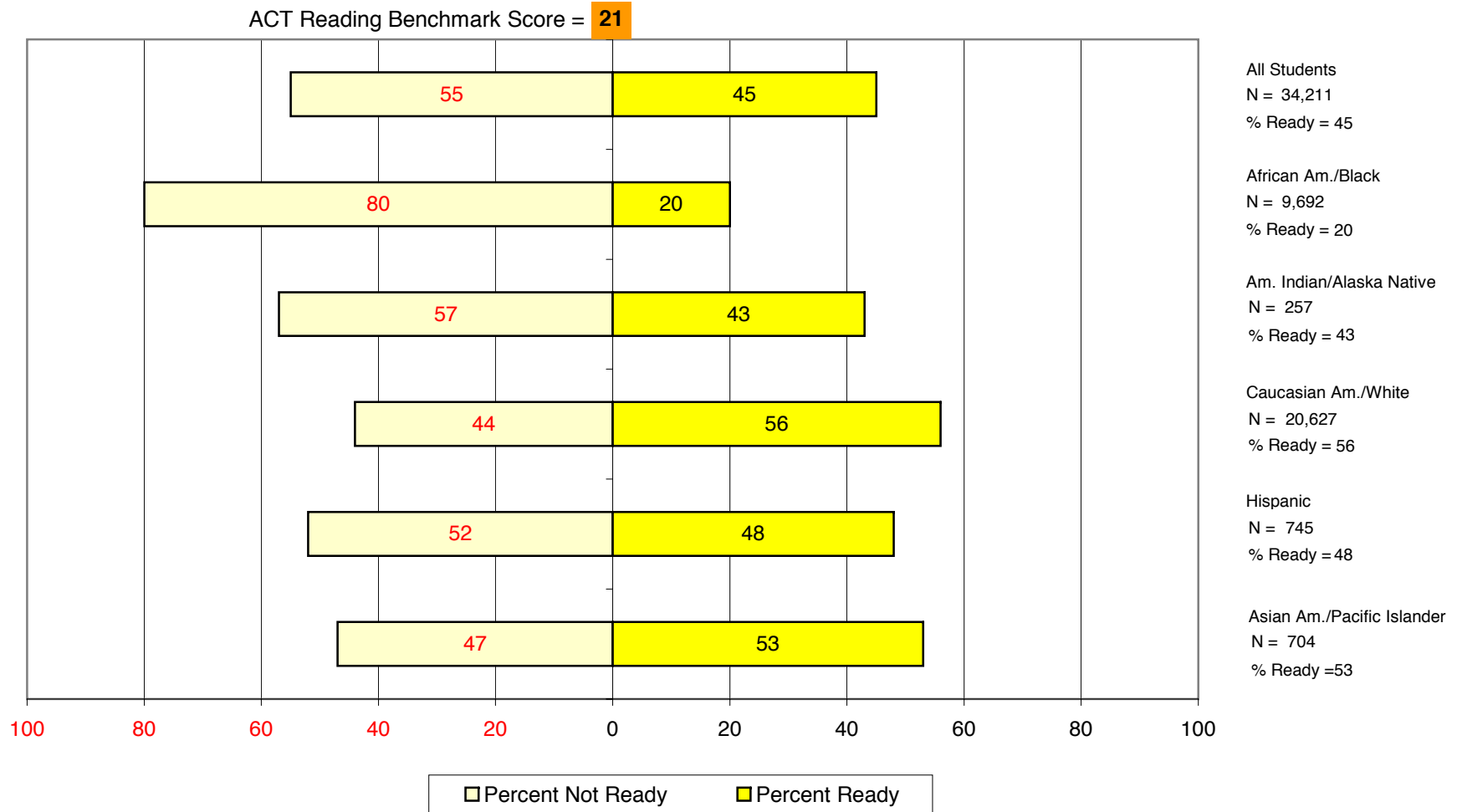


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24

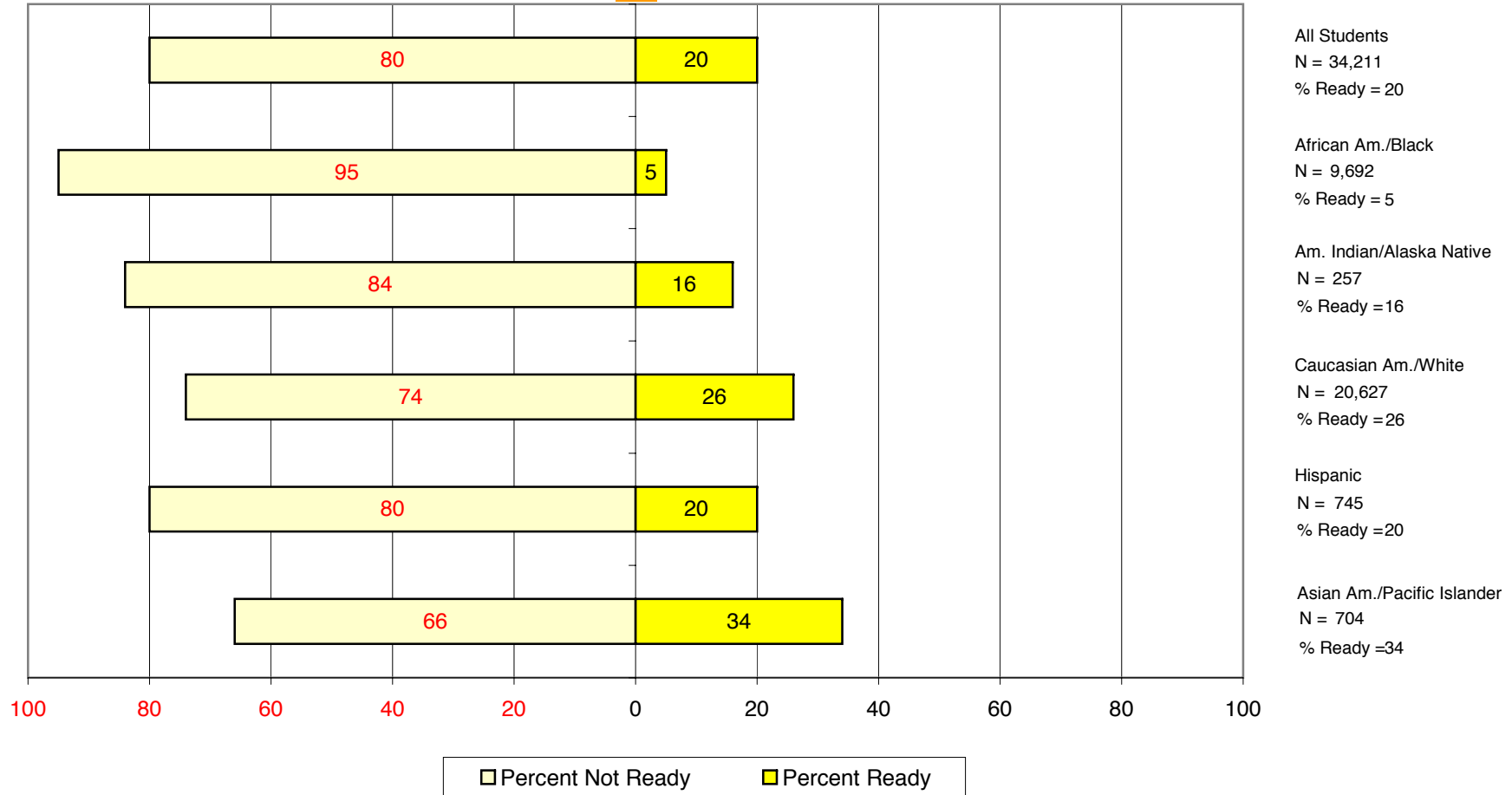


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

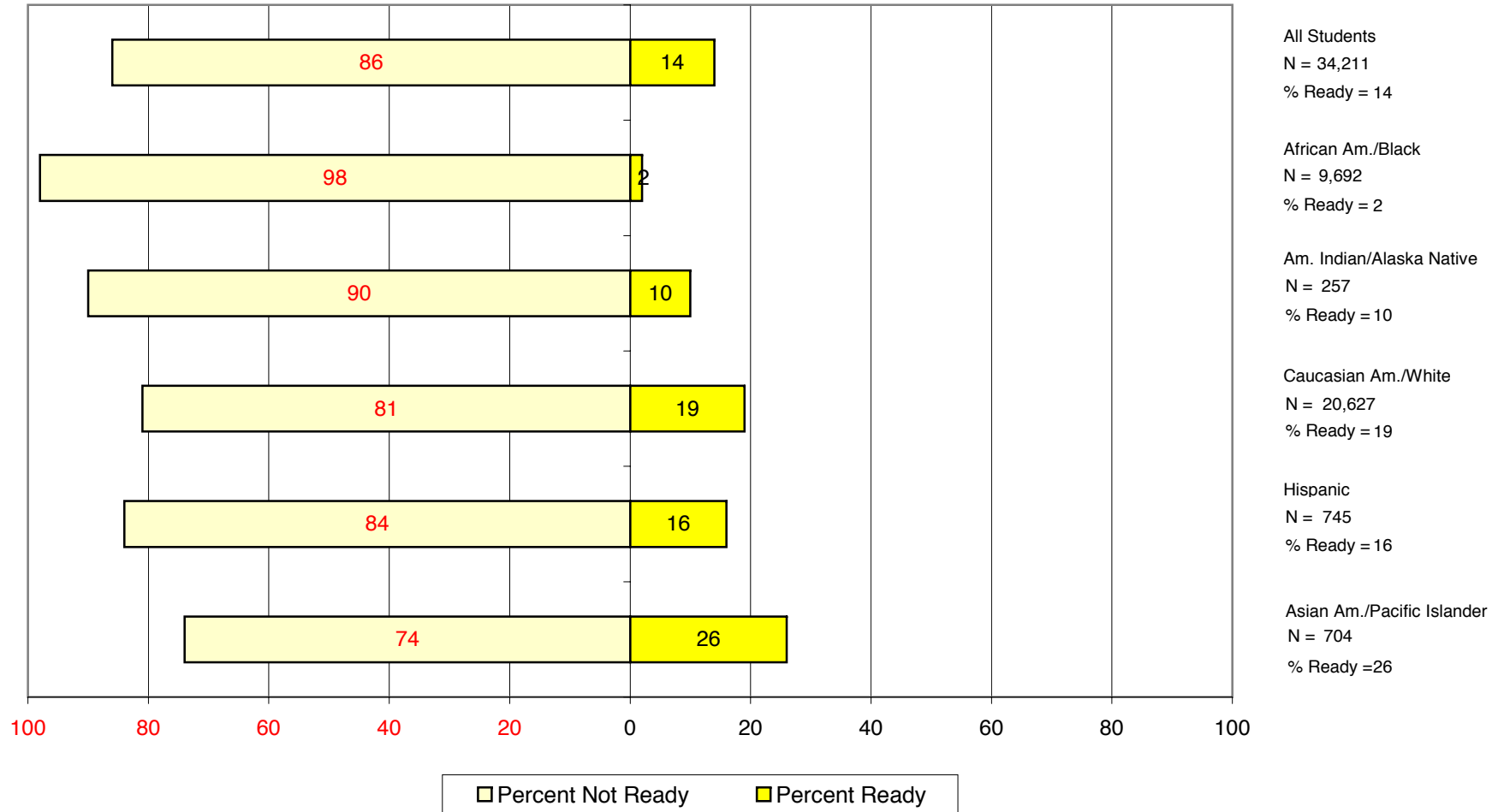


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,368	13	22.3	4.1	1,707	11	21.9	4.1	2,626	14	22.6	4.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,345	80	20.4	2.2	11,859	80	20.1	2.3	15,296	81	20.6	2.0
Less than 4 years of English	1,251	4	18.2	-	627	4	17.8	-	584	3	18.6	-
No English course/grade information reported	1,247	4	20.1	-	699	5	19.2	-	410	2	21.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,448	4	24.3	7.9	607	4	25.2	8.7	828	4	23.7	7.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,465	4	21.1	4.7	523	4	22.0	5.5	936	5	20.5	4.3
Alg 1, Alg 2, Geom, & Trig	1,761	5	20.2	3.8	717	5	20.8	4.3	1,029	5	19.8	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	8,572	25	19.4	3.0	3,158	21	19.9	3.4	5,370	28	19.0	2.8
Other comb of 4 or more years of Math	9,096	27	22.0	5.6	4,386	29	22.7	6.2	4,638	25	21.3	5.1
Alg 1, Alg 2, & Geom (Min. Core)	6,730	20	17.0	0.6	2,863	19	17.4	0.9	3,806	20	16.7	0.5
Other comb of 3 or 3.5 years of Math	1,922	6	18.2	1.8	948	6	18.6	2.1	958	5	17.9	1.7
Less than 3 years of Math	1,929	6	16.4	-	968	7	16.5	-	926	5	16.2	-
No Math course/grade information reported	1,288	4	19.6	-	722	5	19.4	-	425	2	19.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	564	2	22.7	4.3	276	2	21.9	3.6	282	1	23.4	5.0
Other comb of 4 or more years Social Science	12,375	36	21.1	2.7	5,387	36	21.0	2.7	6,893	36	21.1	2.7
US Hist, World Hist, & Am Gov (Min. Core)	2,084	6	20.4	2.0	938	6	20.0	1.7	1,128	6	20.7	2.3
Other comb of 3 or 3.5 years of Social Science	13,225	39	20.2	1.8	5,517	37	20.2	1.9	7,622	40	20.1	1.7
Less than 3 years of Social Science	4,630	14	18.4	-	2,021	14	18.3	-	2,554	14	18.4	-
No Soc Sci course/grade information reported	1,333	4	20.2	-	753	5	19.6	-	437	2	20.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	16,376	48	21.4	4.3	7,314	49	22.0	4.8	8,941	47	20.9	4.0
Bio, Chem, Phys	622	2	23.2	6.1	276	2	23.9	6.7	338	2	22.5	5.6
Gen Sci ² , Bio, Chem (Min. Core)	13,280	39	18.8	1.7	5,212	35	19.0	1.8	7,978	42	18.7	1.8
Other comb of 3 years of Natural Science	174	1	17.6	0.5	100	1	17.3	0.1	70	0	17.9	1.0
Less than 3 years of Natural Science	2,428	7	17.1	-	1,243	8	17.2	-	1,149	6	16.9	-
No Nat Sci course/grade information reported	1,331	4	19.6	-	747	5	19.5	-	440	2	19.6	-

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

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,368	13	22.3	78	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,345	80	20.4	69	949,721	67	20.5	68
Less than 4 years of English	1,251	4	18.2	51	112,496	8	18.8	56
No English course/grade information reported	1,247	4	20.1	62	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,448	4	24.3	72	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,465	4	21.1	43	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	1,761	5	20.2	36	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	8,572	25	19.4	26	204,909	14	20.4	38
Other comb of 4 or more years of Math	9,096	27	22.0	50	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	6,730	20	17.0	7	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	1,922	6	18.2	17	70,951	5	20.8	41
Less than 3 years of Math	1,929	6	16.4	7	131,252	9	17.4	14
No Math course/grade information reported	1,288	4	19.6	31	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	564	2	22.7	62	42,546	3	22.7	61
Other comb of 4 or more years Social Science	12,375	36	21.1	51	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	2,084	6	20.4	46	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	13,225	39	20.2	44	404,731	28	21.3	52
Less than 3 years of Social Science	4,630	14	18.4	30	185,561	13	20.4	45
No Soc Sci course/grade information reported	1,333	4	20.2	42	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	16,376	48	21.4	29	453,654	32	22.2	38
Bio, Chem, Phys	622	2	23.2	47	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	13,280	39	18.8	10	435,183	31	20.1	20
Other comb of 3 years of Natural Science	174	1	17.6	7	40,179	3	20.1	22
Less than 3 years of Natural Science	2,428	7	17.1	6	259,142	18	18.7	13
No Nat Sci course/grade information reported	1,331	4	19.6	20	99,750	7	20.6	29

¹Includes 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 ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	493	1	17.9	59	3	16.2	399	1	18.2
Architecture & Environmental Design	712	2	20.7	44	2	17.1	628	2	21.0
Business & Management	3,267	10	19.4	205	9	16.2	2,848	10	19.7
Business & Office	323	1	18.3	49	2	17.7	238	1	18.5
Marketing & Distribution	257	1	19.9	16	1	15.8	222	1	20.3
Communications & Comm. Technologies	752	2	21.1	33	2	16.4	681	2	21.3
Community & Personal Services	695	2	18.1	104	5	16.7	546	2	18.4
Computer & Information Sciences	946	3	20.0	74	3	17.0	808	3	20.4
Cross-Disciplinary Studies	31	0	23.3	1	0	18.0	28	0	23.1
Education	1,106	3	20.0	46	2	16.2	1,004	4	20.3
Teacher Education	774	2	19.3	29	1	16.8	705	2	19.5
Engineering	1,774	5	21.5	97	4	16.7	1,573	6	21.9
Engineering-Related Technologies	986	3	20.9	70	3	17.1	861	3	21.3
Foreign Languages	103	0	22.5	4	0	15.5	94	0	22.9
Health Sciences & Allied Health Fields	8,377	24	19.9	525	24	16.9	7,496	26	20.2
Human, Family & Consumer Science	446	1	18.5	50	2	17.0	371	1	18.9
Letters	149	0	23.7	4	0	19.0	139	0	24.0
Mathematics	123	0	22.7	3	0	18.3	107	0	22.9
Philosophy, Religion & Theology	114	0	21.3	4	0	18.0	105	0	21.4
Sciences (Biological & Physical)	1,778	5	22.6	30	1	17.8	1,667	6	22.8
Social Sciences	1,842	5	21.3	37	2	16.9	1,729	6	21.5
Trade & Industrial	360	1	17.7	187	9	16.9	150	1	18.6
Visual & Performing Arts	1,740	5	20.5	105	5	17.2	1,512	5	20.8
Undecided	4,667	14	20.4	337	15	16.6	3,860	14	20.8
No Response	2,396	7	20.2	87	4	16.0	695	2	20.9

¹2-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*.

²Percent 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	492	16.7	120	14.9	7	15.1	329	17.4	7	17.9	5	14.0	24	16.7
2-yr College Degree	1,708	16.8	597	15.3	16	16.8	970	17.7	41	17.0	23	16.0	61	17.0
Bachelors Degree	13,243	19.5	3,498	16.8	99	19.3	8,586	20.5	238	19.1	193	19.9	629	19.6
Graduate Study	4,441	22.1	1,049	18.4	24	21.0	2,944	23.3	101	23.1	64	24.5	259	22.1
Prof. Level Degree	10,782	21.4	3,489	18.4	80	21.0	5,900	23.1	288	21.4	338	23.5	687	21.7
Other	1,163	17.9	417	15.8	18	18.4	605	19.2	21	18.2	23	19.9	79	18.7
No Response	2,382	20.5	522	16.6	13	19.9	1,293	21.7	49	20.9	58	22.3	447	21.4

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	9,912	4,104	5,808	0	5	18	37	27	12	1
LA OFFICE OF STUD FINANCIAL ASSISTANCE	Louisiana	8,284	4,730	3,554	1	7	27	37	20	8	1
UNIVERSITY OF LOUISIANA AT LAFAYETTE	Louisiana	8,035	2,303	5,732	1	10	30	38	17	4	0
SOUTHEASTERN LOUISIANA UNIVERSITY	Louisiana	6,606	2,162	4,444	1	13	34	35	14	3	0
LOUISIANA TECH UNIVERSITY	Louisiana	4,851	1,231	3,620	1	9	28	36	18	7	1
NORTHWESTERN STATE UNIV OF LOUISIANA	Louisiana	4,223	949	3,274	2	14	34	35	12	3	0
UNIVERSITY OF LOUISIANA AT MONROE	Louisiana	3,995	1,072	2,923	1	15	36	32	12	4	0
SOUTHERN UNIV AT BATON ROUGE	Louisiana	3,261	886	2,375	4	29	47	17	2	0	0
MCNEESE STATE UNIVERSITY	Louisiana	3,230	988	2,242	2	14	35	35	12	3	0
NICHOLLS STATE UNIVERSITY	Louisiana	3,064	991	2,073	1	13	36	34	12	3	0
UNIVERSITY OF NEW ORLEANS	Louisiana	3,039	675	2,364	1	12	31	35	15	5	0
TULANE UNIVERSITY	Louisiana	2,397	379	2,018	1	6	15	25	29	21	2
GRAMBLING STATE UNIVERSITY	Louisiana	1,948	551	1,397	5	37	44	11	2	0	0
LOUISIANA ST UNIV-SHREVEPORT	Louisiana	1,353	285	1,068	1	11	32	36	16	4	0
XAVIER UNIVERSITY	Louisiana	1,344	337	1,007	2	17	39	29	10	2	0
DELGADO COMMUNITY COLLEGE	Louisiana	1,309	430	879	4	27	46	19	3	0	0
BATON ROUGE COMMUNITY COLLEGE	Louisiana	1,260	387	873	2	19	41	31	5	1	0
LOUISIANA ST UNIV AT EUNICE	Louisiana	1,185	341	844	1	16	40	32	8	2	0
LOYOLA UNIVERSITY NEW ORLEANS	Louisiana	1,079	190	889	1	7	21	33	25	12	1
LOUISIANA ST UNIV-ALEXANDRIA	Louisiana	851	244	607	1	14	35	37	12	3	0
LOUISIANA TECH COLLEGE (ALL CAMPUSES)	Louisiana	831	159	672	3	24	40	23	8	1	0
BOSSIER PARISH COMMUNITY COLL	Louisiana	699	242	457	2	20	41	31	5	1	0
NCAA ELIGIBILITY CENTER	Indiana	696	264	432	2	16	34	30	14	3	0
LOUISIANA COLLEGE	Louisiana	634	133	501	1	6	31	37	18	8	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	588	141	447	1	7	25	35	23	8	1
DILLARD UNIVERSITY	Louisiana	576	116	460	3	29	46	17	3	1	0
CENTENARY COLLEGE OF LOUISIANA	Louisiana	550	114	436	1	7	14	31	31	16	1
OUR LADY OF THE LAKE COLLEGE	Louisiana	510	92	418	2	15	39	31	12	2	0
UNIV OF TEXAS AT AUSTIN	Texas	462	77	385	1	6	16	22	28	24	3
SOUTHERN UNIV AT NEW ORLEANS	Louisiana	455	68	387	4	40	42	12	2	0	0
All Other Institutions		17,926	3,543	14,383	2	13	26	25	18	13	2
Total		95,153	28,184	66,969	2	13	30	31	16	7	1

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
All Students	9,865	770,529	22.7	21.4	6.8	7.3	21.3	20.9
African Am./Black	2,472	86,049	18.4	16.6	6.3	6.5	17.7	16.6
Am. Indian/Alaska Native	57	5,148	21.4	18.9	6.2	6.7	19.9	18.5
Caucasian Am./White	5,913	464,177	24.3	22.5	6.9	7.4	22.6	21.8
Hispanic	288	71,060	22.8	18.3	7.0	7.1	21.6	18.5
Asian Am./Pacific Islander	317	37,359	24.3	23.1	7.0	7.9	22.7	22.6
Other/No Response	818	106,736	23.9	22.2	6.9	7.5	22.3	21.7
Males	4,284	327,613	22.7	20.9	6.5	7.0	21.0	20.2
Females	5,398	421,968	22.7	21.7	7.0	7.6	21.5	21.3
Missing	183	20,948	23.6	23.9	7.0	7.9	22.2	23.2

