

# ACT High School Profile Report

The Graduating Class of 2008  
New Mexico





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

## How to Improve Scores and Increase College Readiness

17% 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.** 11,951 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. 60% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES.** Table 3.2 reports 8% of the cohort took less than three years of math courses. Of these students, 11% were college ready. 26% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 9% of these students were college ready. In comparison, 44% 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 27% of the cohort took less than three years of natural science courses. 10% of these students were college ready. In comparison, 27% 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).

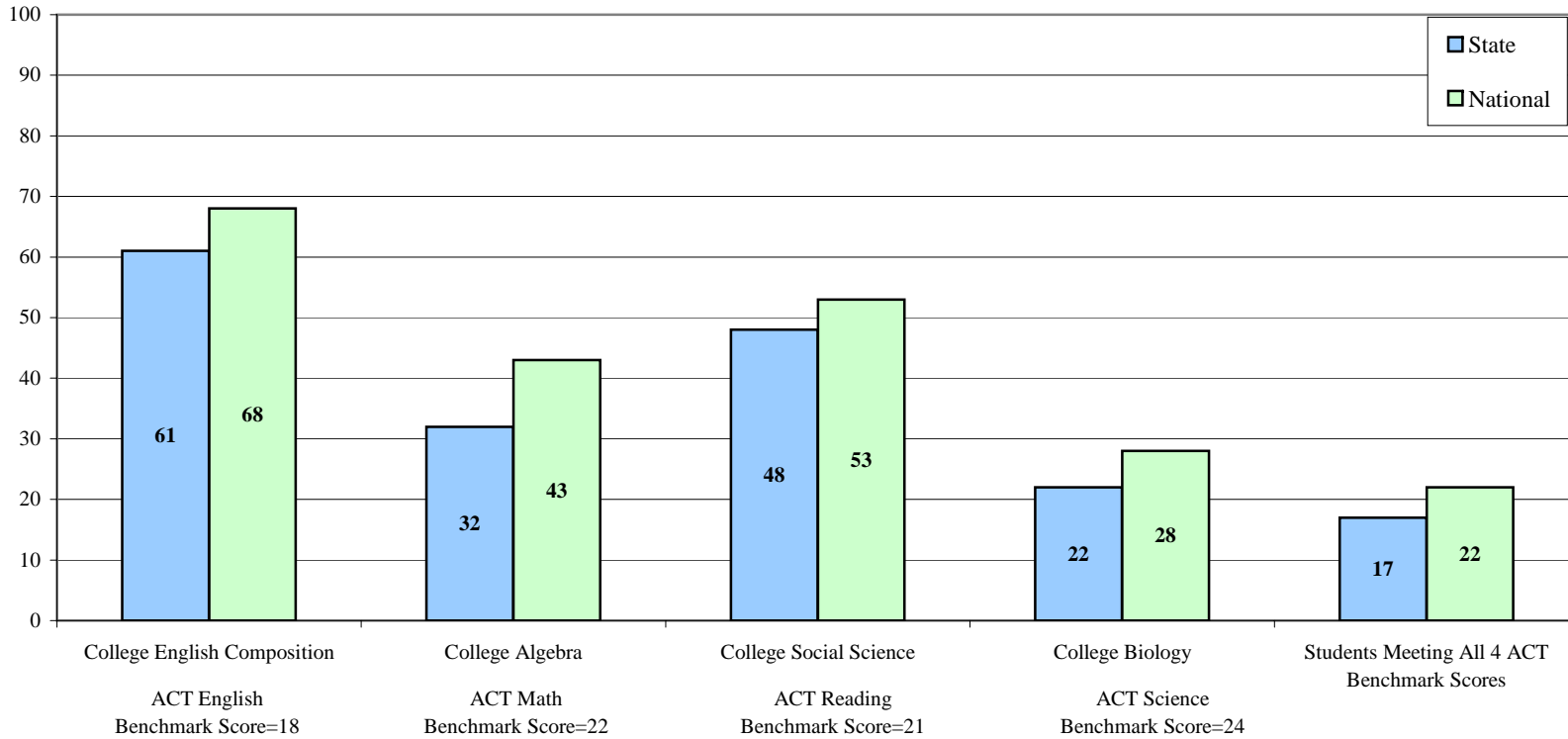
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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
2004	11,912	1,171,460	60	68	29	40	47	52	21	26	16	21
2005	11,858	1,186,251	61	68	29	41	46	51	20	26	15	21
2006	11,539	1,206,455	60	69	31	42	48	53	21	27	16	21
2007	11,663	1,300,599	62	69	32	43	48	53	22	28	16	23
<b>2008</b>	<b>11,951</b>	<b>1,421,941</b>	<b>61</b>	<b>68</b>	<b>32</b>	<b>43</b>	<b>48</b>	<b>53</b>	<b>22</b>	<b>28</b>	<b>17</b>	<b>22</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
2004	11,912	1,171,460	19.4	20.4	19.4	20.7	20.8	21.3	20.2	20.9	20.1	20.9
2005	11,858	1,186,251	19.4	20.4	19.4	20.7	20.6	21.3	20.1	20.9	20.0	20.9
2006	11,539	1,206,455	19.3	20.6	19.6	20.8	20.7	21.4	20.1	20.9	20.1	21.1
2007	11,663	1,300,599	19.6	20.7	19.7	21.0	20.9	21.5	20.2	21.0	20.2	21.2
<b>2008</b>	<b>11,951</b>	<b>1,421,941</b>	<b>19.6</b>	<b>20.6</b>	<b>19.8</b>	<b>21.0</b>	<b>21.0</b>	<b>21.4</b>	<b>20.2</b>	<b>20.8</b>	<b>20.3</b>	<b>21.1</b>

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

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
<b>2008</b>	<b>1,421,941</b>	<b>20.6</b>	<b>21.0</b>	<b>21.4</b>	<b>20.8</b>	<b>21.1</b>

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

Grad Year	Number of Students Tested		Percent <sup>1</sup>		Average ACT Scores									
	Core or More	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2004	6,118	4,995	51	42	20.8	17.8	20.7	17.9	22.0	19.3	21.3	18.9	21.3	18.6
2005	6,008	4,922	51	42	20.7	17.9	20.5	18.0	21.8	19.4	21.1	18.9	21.1	18.7
2006	5,742	4,721	50	41	20.5	17.8	20.7	18.3	21.7	19.5	21.1	19.0	21.1	18.8
2007	5,678	4,622	49	40	20.6	18.2	20.7	18.4	21.8	19.7	21.1	19.0	21.2	19.0
<b>2008</b>	<b>7,227</b>	<b>4,112</b>	<b>60</b>	<b>34</b>	<b>20.6</b>	<b>18.0</b>	<b>20.6</b>	<b>18.2</b>	<b>21.8</b>	<b>19.5</b>	<b>21.0</b>	<b>18.8</b>	<b>21.1</b>	<b>18.8</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**

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>11,912</b>	<b>100</b>	<b>20.1</b>	<b>11,858</b>	<b>100</b>	<b>20.0</b>	<b>11,539</b>	<b>100</b>	<b>20.1</b>	<b>11,663</b>	<b>100</b>	<b>20.2</b>	<b>11,951</b>	<b>100</b>	<b>20.3</b>
African American/Black	223	2	18.4	184	2	18.1	201	2	18.9	240	2	18.3	225	2	19.1
American Indian/Alaska Native	1,111	9	17.0	1,065	9	16.9	1,138	10	16.8	1,137	10	16.8	1,211	10	17.2
Caucasian American/White	4,596	39	21.8	4,491	38	21.8	4,141	36	21.9	4,029	35	22.2	4,290	36	22.2
Hispanic	3,792	32	18.5	3,950	33	18.6	3,659	32	18.6	3,636	31	18.7	3,912	33	18.8
Asian American/Pacific Islander	205	2	22.2	205	2	21.3	238	2	21.8	216	2	21.5	236	2	22.1
Other/No Response	1,985	17	20.6	1,963	17	20.5	2,162	19	20.5	2,405	21	20.9	2,077	17	20.8

# 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	7	100	14	100	69	100	23	100	3	100	36
35	106	100	36	100	96	99	40	100	14	100	35
34	120	99	39	100	105	99	35	99	40	100	34
33	95	98	94	99	201	98	56	99	54	100	33
32	123	97	84	98	224	96	61	99	89	99	32
31	141	96	84	98	288	94	73	98	133	98	31
30	222	95	137	97	400	92	133	98	178	97	30
29	243	93	183	96	346	88	136	96	232	96	29
28	249	91	263	94	378	86	215	95	292	94	28
27	277	89	358	92	338	82	225	94	421	91	27
26	373	87	413	89	360	80	348	92	424	88	26
25	511	84	524	86	441	77	675	89	487	84	25
24	464	79	563	81	530	73	608	83	588	80	24
23	522	75	503	77	709	68	681	78	629	75	23
22	745	71	514	72	568	62	1,043	72	734	70	22
21	911	65	646	68	725	58	832	64	855	64	21
20	841	57	581	63	805	52	1,371	57	944	57	20
19	700	50	759	58	839	45	1,197	45	965	49	19
18	661	44	1,037	52	550	38	1,001	35	990	41	18
17	758	39	1,228	43	761	33	690	27	1,003	32	17
16	686	32	1,712	33	739	27	758	21	881	24	16
15	754	27	1,341	18	661	21	486	15	802	17	15
14	576	20	588	7	650	15	399	11	579	10	14
13	479	16	167	2	526	10	288	7	374	5	13
12	351	12	59	1	297	5	259	5	177	2	12
11	376	9	20	1	207	3	169	3	49	1	11
10	318	6	4	1	81	1	108	1	13	1	10
9	175	3	0	1	28	1	29	1	1	1	9
8	111	1	0	1	12	1	8	1	0	1	8
7	44	1	0	1	7	1	1	1	0	1	7
6	12	1	0	1	6	1	3	1	0	1	6
5	0	1	0	1	3	1	0	1	0	1	5
4	0	1	0	1	1	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	19.6 (6.0)		19.8 (4.8)		21.0 (6.1)		20.2 (4.7)		20.3 (4.8)		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	278	100	60	100	297	100	287	100	312	100	45	100	48	100	18
17	327	98	218	99	420	98	532	98	314	97	97	100	52	100	17
16	450	95	466	98	524	94	862	93	431	95	131	99	302	99	16
15	391	91	650	94	722	90	763	86	426	91	262	98	362	97	15
14	506	88	570	88	605	84	789	80	680	88	716	96	803	94	14
13	705	84	781	84	914	79	477	73	785	82	732	90	767	87	13
12	774	78	1,276	77	852	71	1,004	69	790	75	973	83	1,193	80	12
11	1,008	71	1,209	66	1,127	64	1,310	61	1,083	69	1,490	75	1,168	70	11
10	1,270	63	1,802	56	1,247	54	1,135	50	1,222	60	2,253	63	1,892	61	10
9	1,283	52	1,206	41	1,444	44	993	40	986	49	1,809	44	1,843	45	9
8	1,206	41	1,369	31	1,521	32	1,073	32	1,866	41	1,598	29	1,322	29	8
7	1,044	31	905	20	997	19	804	23	1,815	26	552	15	849	18	7
6	996	23	598	12	654	11	756	16	834	10	591	11	513	11	6
5	780	14	402	7	311	5	734	10	257	3	423	6	391	7	5
4	627	8	319	4	175	3	314	4	102	1	139	2	171	4	4
3	226	3	94	1	95	1	70	1	37	1	107	1	200	2	3
2	72	1	24	1	38	1	48	1	8	1	18	1	41	1	2
1	8	1	2	1	8	1	0	1	3	1	15	1	34	1	1
Avg (SD)	9.6 (3.7)		10.2 (3.2)		10.5 (3.5)		10.7 (3.8)		10.1 (3.4)		9.9 (2.7)		9.9 (3.0)		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)	23	23	25	23	23
Q2 (50th Percentile)	19	18	20	20	20
Q1 (25th Percentile)	15	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>11,951</b>	<b>60</b>	<b>21.1</b>	<b>18.8</b>
	African Am./Black	225	56	20.2	17.9
	Am. Indian/Alaska Native	1,211	57	18.1	15.9
	Caucasian Am./White	4,290	67	22.9	20.6
	Hispanic	3,912	56	19.7	17.6
	Asian Am./Pacific Islander	236	72	22.3	20.7
	Other/No Response	2,077	57	21.3	19.7
National	<b>All Students</b>	<b>1,421,941</b>	<b>61</b>	<b>22.0</b>	<b>19.5</b>
	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	<b>All Students</b>	19.6	19.8	21.0	20.2	20.3
	African Am./Black	18.6	18.8	19.7	19.1	19.1
	Am. Indian/Alaska Native	15.5	17.4	17.4	18.0	17.2
	Caucasian Am./White	22.0	21.4	23.1	21.8	22.2
	Hispanic	17.9	18.4	19.3	18.9	18.8
	Asian Am./Pacific Islander	21.3	22.6	21.8	22.0	22.1
	Other/No Response	20.3	20.1	21.7	20.5	20.8
National	<b>All Students</b>	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	328	3	183	2	471	4	154	1
	28 to 32	978	8	751	6	1,636	14	618	5
	24 to 27	1,625	14	1,858	16	1,669	14	1,856	16
	20 to 23	3,019	25	2,244	19	2,807	23	3,927	33
	16 to 19	2,805	23	4,736	40	2,889	24	3,646	31
	13 to 15	1,809	15	2,096	18	1,837	15	1,173	10
	01 to 12	1,387	12	83	1	642	5	577	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	5,258	44	19.4	20.5	21.1	20.8	20.6
	Females	6,503	54	19.7	19.1	20.8	19.6	19.9
	Missing	190	2	22.6	22.1	23.5	22.3	22.8
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	60	38	50	27	21
	Females	62	27	47	17	13
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 <sup>2</sup>	N	English		Mathematics		Reading		Science		Composite <sup>1</sup>	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	7,227	69	20.6	39	20.6	55	21.8	27	21.0	21	21.1
	Non-Core	4,112	49	18.0	20	18.2	37	19.5	13	18.8	9	18.8
	Missing	612	54	19.2	32	19.6	44	20.8	24	20.0	19	20.0
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

<sup>1</sup>% under Composite heading reflects the percent of students who meet all four benchmarks

<sup>2</sup>"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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core	10,884	62	19.7	10,497	34	20.0	10,478	49	21.0	8,159	27	20.9
	Non-Core	592	57	19.0	918	10	16.8	955	45	20.8	3,233	10	18.4
	Missing	475	55	19.4	536	32	19.6	518	45	20.9	559	24	20.1
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

<sup>1</sup>"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

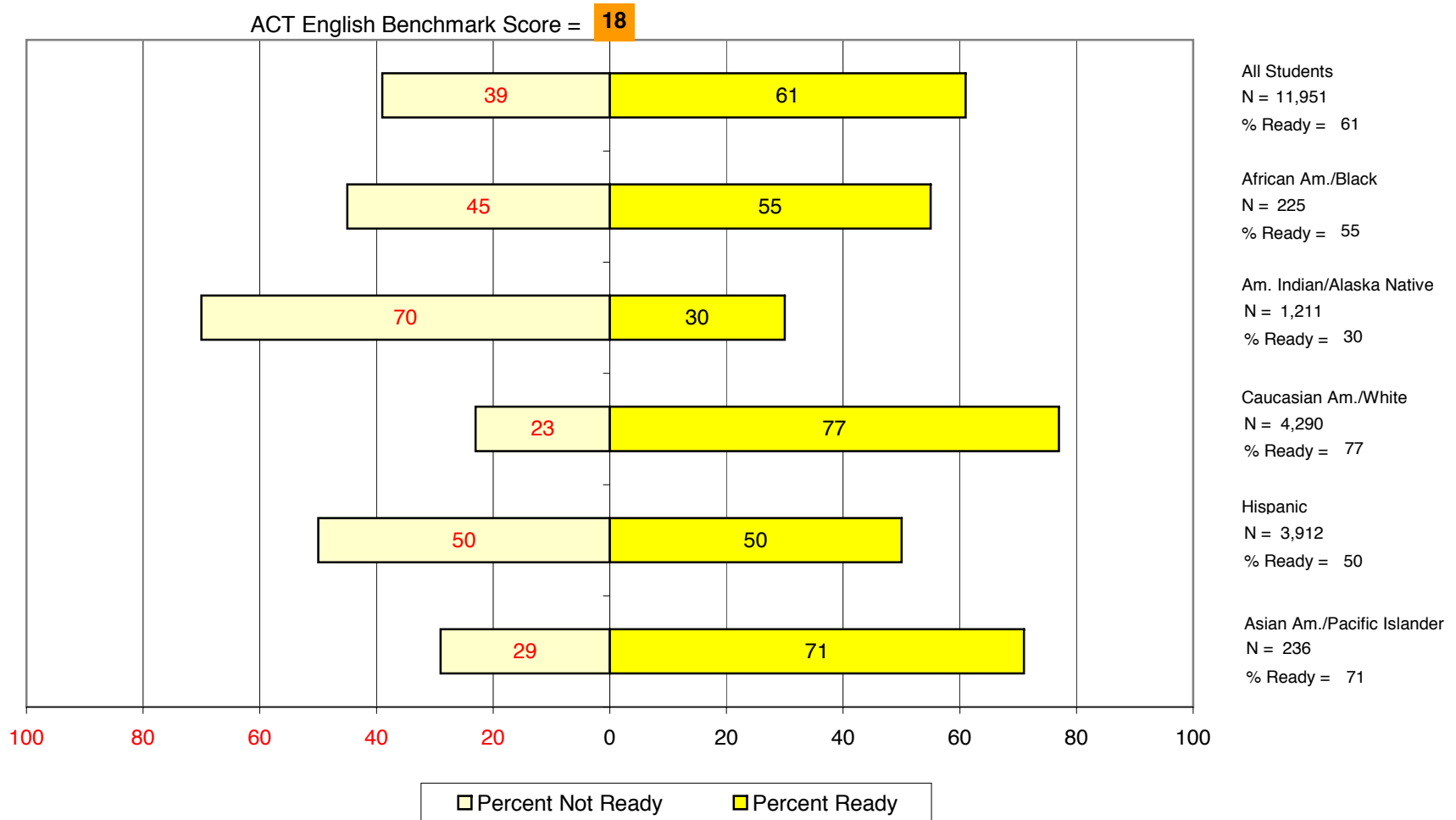


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

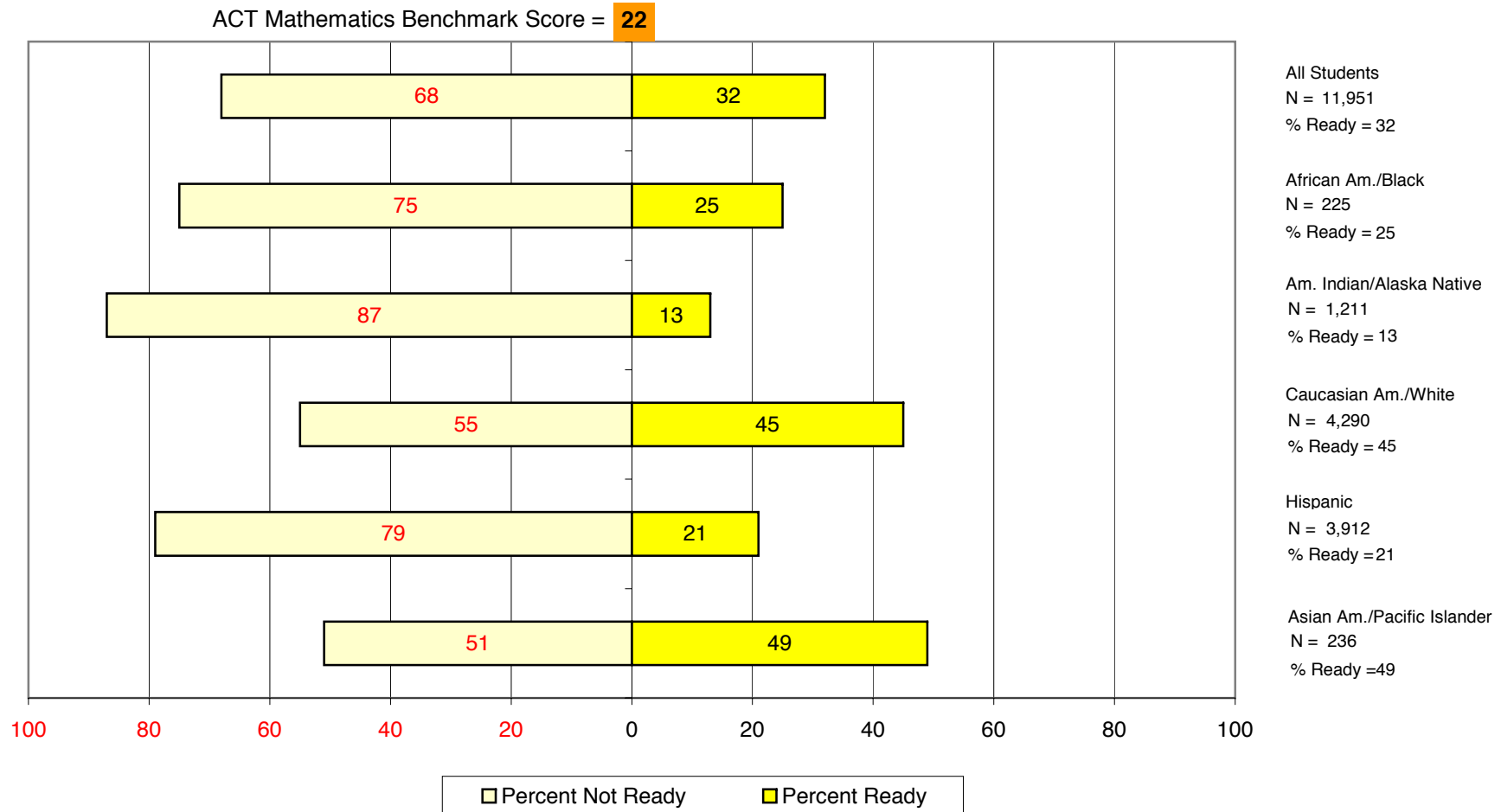


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

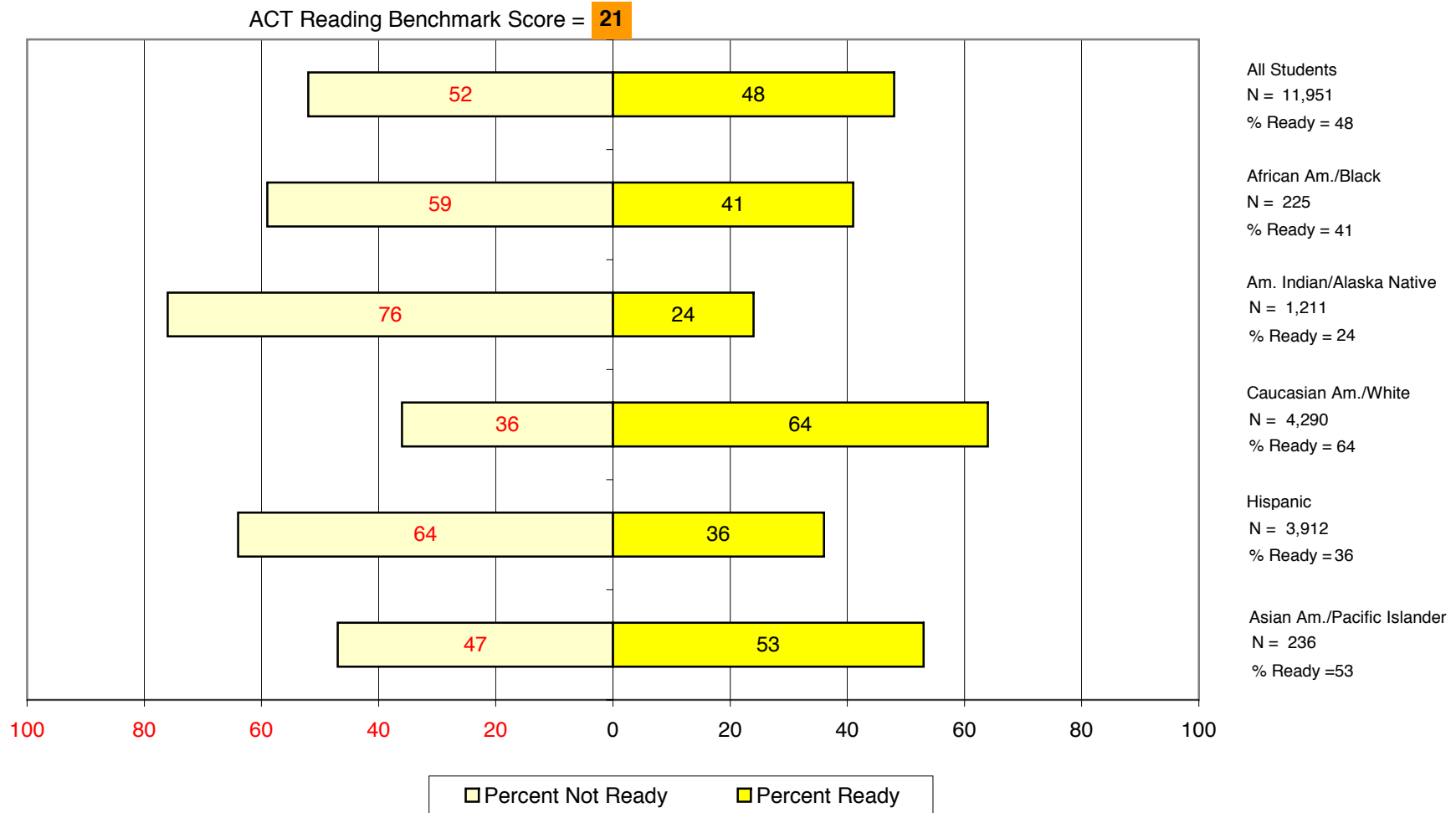


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

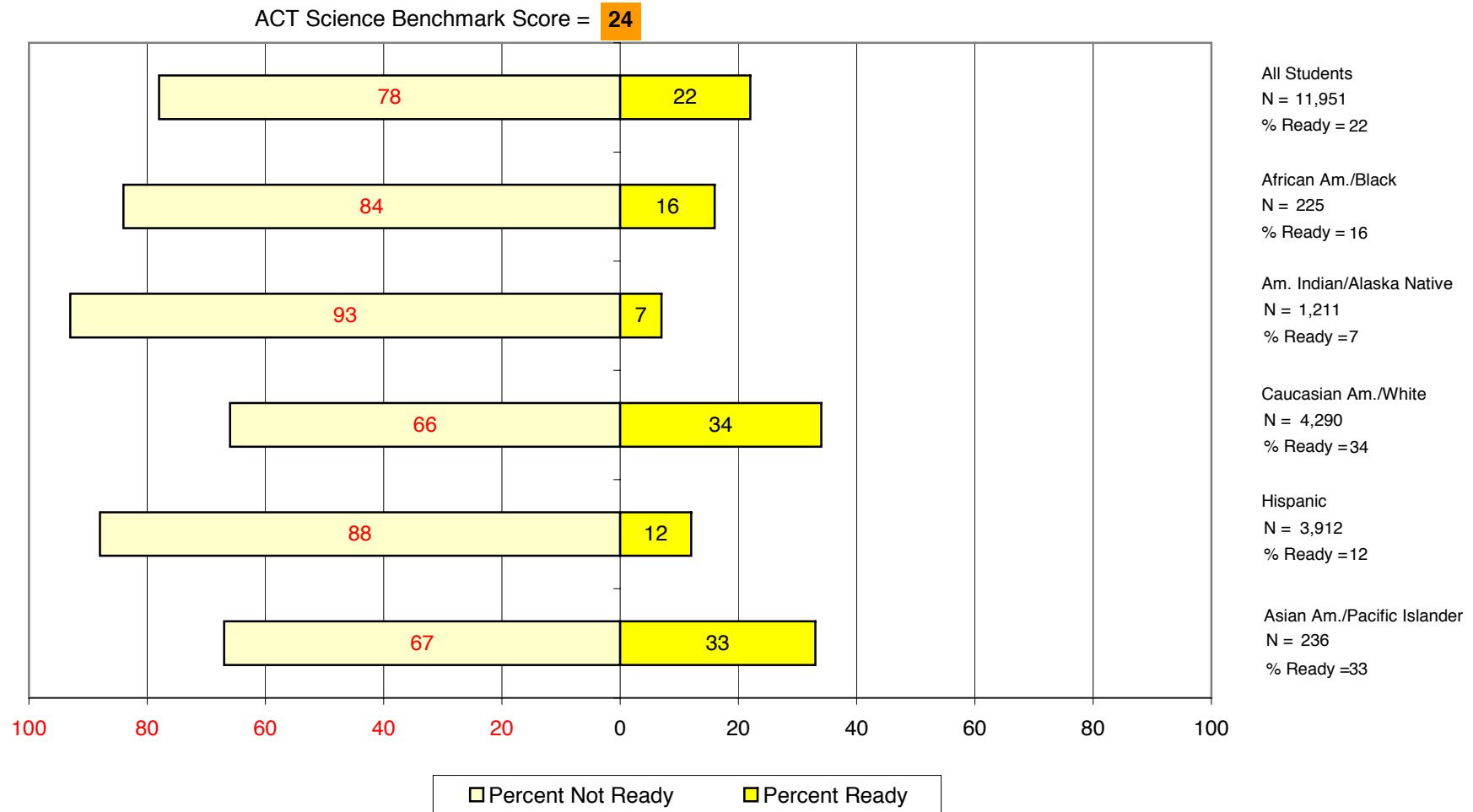
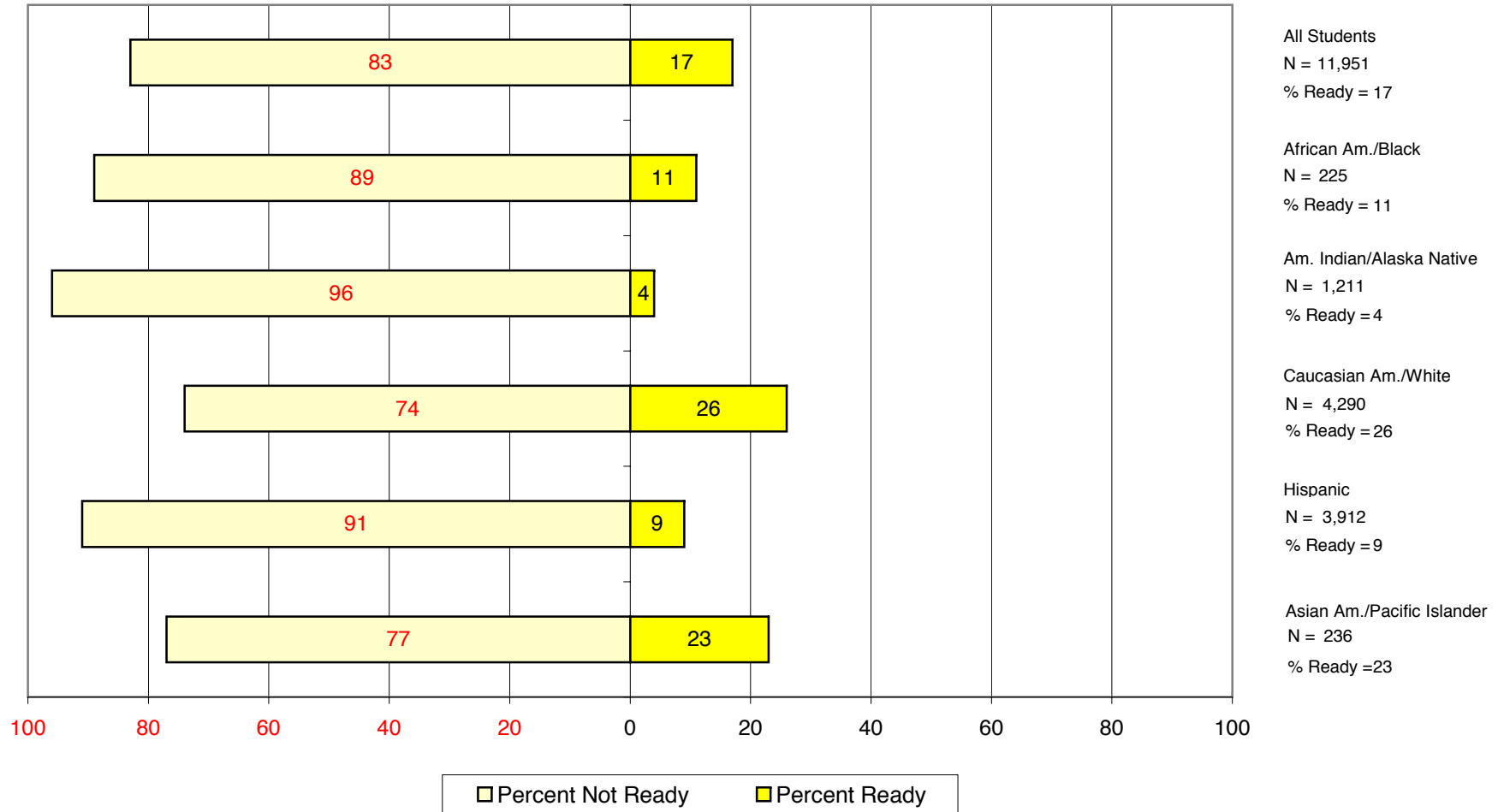


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	1,869	16	20.4	1.5	809	15	19.8	1.3	1,047	16	20.9	1.9
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	9,015	75	19.5	0.6	3,961	75	19.4	0.9	4,949	76	19.6	0.6
Less than 4 years of English	597	5	18.9	-	260	5	18.5	-	314	5	19.0	-
No English course/grade information reported	470	4	19.5	-	228	4	18.7	-	193	3	18.9	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	885	7	23.5	6.7	421	8	23.8	6.7	449	7	23.2	6.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	753	6	21.7	4.9	274	5	22.3	5.2	472	7	21.4	4.9
Alg 1, Alg 2, Geom, & Trig	1,177	10	19.5	2.7	476	9	20.4	3.3	684	11	18.9	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	1,435	12	19.7	2.9	577	11	20.7	3.6	839	13	19.1	2.6
Other comb of 4 or more years of Math	2,537	21	22.4	5.6	1,294	25	23.2	6.1	1,207	19	21.4	4.9
Alg 1, Alg 2, & Geom (Min. Core)	3,108	26	17.1	0.3	1,279	24	17.7	0.6	1,801	28	16.7	0.2
Other comb of 3 or 3.5 years of Math	602	5	19.7	2.9	285	5	20.0	2.9	311	5	19.4	2.9
Less than 3 years of Math	955	8	16.8	-	411	8	17.1	-	532	8	16.5	-
No Math course/grade information reported	499	4	19.8	-	241	5	20.0	-	208	3	18.6	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	325	3	22.3	1.5	162	3	22.1	1.2	162	2	22.4	1.9
Other comb of 4 or more years Social Science	5,569	47	21.6	0.8	2,353	45	21.6	0.7	3,156	49	21.5	1.0
US Hist, World Hist, & Am Gov (Min. Core)	1,070	9	19.4	-1.4	471	9	19.6	-1.3	590	9	19.1	-1.4
Other comb of 3 or 3.5 years of Social Science	3,514	29	20.5	-0.3	1,587	30	20.7	-0.2	1,884	29	20.3	-0.2
Less than 3 years of Social Science	969	8	20.8	-	442	8	20.9	-	501	8	20.5	-
No Soc Sci course/grade information reported	504	4	20.9	-	243	5	20.9	-	210	3	19.8	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	3,147	26	21.8	3.4	1,549	29	22.7	4.0	1,555	24	20.9	2.7
Bio, Chem, Phys	837	7	22.7	4.3	418	8	23.4	4.7	405	6	22.0	3.8
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	3,787	32	19.8	1.4	1,461	28	20.1	1.4	2,286	35	19.6	1.4
Other comb of 3 years of Natural Science	388	3	19.7	1.3	213	4	20.4	1.7	172	3	18.8	0.6
Less than 3 years of Natural Science	3,277	27	18.4	-	1,366	26	18.7	-	1,873	29	18.2	-
No Nat Sci course/grade information reported	515	4	20.2	-	251	5	20.4	-	212	3	19.1	-

<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	1,869	16	20.4	66	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	9,015	75	19.5	61	949,721	67	20.5	68
Less than 4 years of English	597	5	18.9	57	112,496	8	18.8	56
No English course/grade information reported	470	4	19.5	56	93,330	7	20.2	64
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	885	7	23.5	63	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	753	6	21.7	50	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	1,177	10	19.5	29	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	1,435	12	19.7	31	204,909	14	20.4	38
Other comb of 4 or more years of Math	2,537	21	22.4	53	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	3,108	26	17.1	9	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	602	5	19.7	31	70,951	5	20.8	41
Less than 3 years of Math	955	8	16.8	11	131,252	9	17.4	14
No Math course/grade information reported	499	4	19.8	33	98,554	7	21.1	44
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	325	3	22.3	54	42,546	3	22.7	61
Other comb of 4 or more years Social Science	5,569	47	21.6	53	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	1,070	9	19.4	36	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	3,514	29	20.5	45	404,731	28	21.3	52
Less than 3 years of Social Science	969	8	20.8	45	185,561	13	20.4	45
No Soc Sci course/grade information reported	504	4	20.9	45	98,548	7	21.1	50
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	3,147	26	21.8	35	453,654	32	22.2	38
Bio, Chem, Phys	837	7	22.7	43	134,033	9	23.2	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	3,787	32	19.8	17	435,183	31	20.1	20
Other comb of 3 years of Natural Science	388	3	19.7	18	40,179	3	20.1	22
Less than 3 years of Natural Science	3,277	27	18.4	10	259,142	18	18.7	13
No Nat Sci course/grade information reported	515	4	20.2	25	99,750	7	20.6	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	250	2	18.7	15	3	16.1	229	2	19.0
Architecture & Environmental Design	280	2	19.6	7	1	16.4	256	3	19.8
Business & Management	976	8	19.9	43	7	17.0	874	9	20.0
Business & Office	69	1	17.9	10	2	15.5	54	1	18.4
Marketing & Distribution	87	1	20.0	6	1	17.0	77	1	20.2
Communications & Comm. Technologies	256	2	20.7	8	1	16.1	238	2	20.8
Community & Personal Services	367	3	18.0	40	7	15.8	303	3	18.3
Computer & Information Sciences	275	2	21.0	15	3	17.9	246	2	21.3
Cross-Disciplinary Studies	25	0	23.1	1	0	14.0	21	0	23.0
Education	385	3	19.0	18	3	15.3	346	3	19.2
Teacher Education	269	2	18.7	14	2	14.8	243	2	19.0
Engineering	721	6	22.0	25	4	15.4	666	7	22.3
Engineering-Related Technologies	401	3	21.6	14	2	17.7	373	4	21.8
Foreign Languages	94	1	23.1	1	0	17.0	89	1	23.1
Health Sciences & Allied Health Fields	2,245	19	19.3	126	21	16.3	2,018	20	19.5
Human, Family & Consumer Science	149	1	18.6	19	3	17.0	119	1	19.1
Letters	72	1	22.9	1	0	16.0	63	1	23.1
Mathematics	63	1	23.6	1	0	16.0	60	1	23.7
Philosophy, Religion & Theology	64	1	21.0	5	1	15.6	55	1	21.7
Sciences (Biological & Physical)	641	5	22.7	7	1	19.4	607	6	22.8
Social Sciences	747	6	21.1	7	1	16.1	707	7	21.2
Trade & Industrial	128	1	17.3	48	8	15.6	74	1	18.2
Visual & Performing Arts	830	7	20.2	45	8	16.5	730	7	20.4
Undecided	1,598	13	20.7	85	14	16.8	1,368	13	20.9
No Response	959	8	20.4	27	5	16.5	339	3	21.6

<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	121	16.6	0	.	23	15.0	24	18.8	54	16.6	1	17.0	19	15.9
2-yr College Degree	467	16.3	5	15.8	105	15.3	113	17.9	186	15.9	5	17.8	53	16.5
Bachelors Degree	4,360	19.1	85	17.5	429	16.5	1,631	20.8	1,477	17.8	60	19.8	678	19.4
Graduate Study	2,189	22.1	39	20.3	130	18.5	961	23.5	624	20.6	52	22.6	383	22.2
Prof. Level Degree	3,606	21.4	79	20.6	381	18.7	1,182	23.7	1,199	19.9	97	23.5	668	21.6
Other	303	17.8	6	17.3	41	15.3	80	19.5	113	16.7	4	16.3	59	19.3
No Response	905	20.4	11	20.0	102	16.1	299	22.5	259	18.0	17	23.2	217	22.3

**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
UNIVERSITY OF NEW MEXICO	New Mexico	5,815	3,076	2,739	2	14	33	29	16	6	0
NEW MEXICO STATE UNIV	New Mexico	4,020	1,669	2,351	2	15	35	28	15	5	0
EASTERN NEW MEXICO UNIVERSITY	New Mexico	1,015	308	707	3	16	39	28	11	2	0
CENTRAL NEW MEXICO COMMUNITY COLLEGE	New Mexico	1,000	281	719	4	22	38	27	7	2	0
NEW MEXICO TECH	New Mexico	728	190	538	1	6	22	30	26	14	1
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	688	138	550	2	15	33	28	16	5	0
NEW MEXICO HIGHLANDS UNIV	New Mexico	648	137	511	5	26	41	21	6	1	0
NEW MEXICO STATE UNIV-DONA ANA BRNCH CC	New Mexico	648	175	473	4	29	44	18	4	1	0
UNIVERSITY OF ARIZONA	Arizona	600	82	518	2	13	32	26	19	9	1
TEXAS TECH UNIVERSITY	Texas	569	106	463	1	9	29	30	21	10	1
FORT LEWIS COLLEGE	Colorado	418	107	311	2	22	39	24	11	2	0
WESTERN NEW MEXICO UNIVERSITY	New Mexico	407	98	309	5	27	39	21	7	1	0
NORTHERN ARIZONA UNIVERSITY	Arizona	373	76	297	1	16	30	23	23	7	0
COLORADO STATE UNIVERSITY	Colorado	345	67	278	1	6	15	33	32	13	1
UNIV OF TEXAS AT EL PASO	Texas	286	22	264	3	25	42	17	11	2	0
UNIV OF TEXAS AT AUSTIN	Texas	264	47	217	1	8	25	25	22	18	2
SAN JUAN COLLEGE	New Mexico	247	97	150	5	25	42	18	7	3	0
UNIV OF COLORADO-BOULDER	Colorado	234	35	199	1	5	23	25	27	18	1
EASTERN NEW MEXICO U-ROSWELL COMM COLL	New Mexico	195	84	111	5	30	43	15	7	1	0
ART CENTER DESIGN COLL THE-ALBUQUERQUE	New Mexico	175	39	136	2	23	44	24	6	1	0
NEW MEXICO STATE UNIVERSITY ALAMOGORDO	New Mexico	174	65	109	4	21	34	28	9	3	0
UNIVERSITY OF DENVER	Colorado	171	18	153	2	9	35	29	19	6	1
NCAA ELIGIBILITY CENTER	Indiana	170	60	110	1	10	31	32	15	10	1
COLLEGE OF SANTA FE	New Mexico	157	29	128	3	15	31	29	17	3	2
ADAMS STATE COLLEGE	Colorado	155	30	125	0	19	39	25	14	3	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	148	28	120	1	12	22	31	19	14	1
NEW MEXICO JUNIOR COLLEGE	New Mexico	146	40	106	1	26	42	23	7	1	0
NORTHERN NEW MEXICO COLLEGE	New Mexico	136	32	104	1	40	43	13	3	1	0
STANFORD UNIVERSITY	California	134	35	99	1	6	10	25	19	28	10
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	134	21	113	3	12	28	31	16	8	1
All Other Institutions		9,158	1,938	7,220	2	13	26	25	20	12	2
<b>Total</b>		<b>29,358</b>	<b>9,130</b>	<b>20,228</b>	<b>2</b>	<b>15</b>	<b>32</b>	<b>26</b>	<b>16</b>	<b>8</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>4,474</b>	<b>770,529</b>	<b>21.9</b>	<b>21.4</b>	<b>7.4</b>	<b>7.3</b>	<b>21.3</b>	<b>20.9</b>
African Am./Black	89	86,049	20.0	16.6	7.3	6.5	19.9	16.6
Am. Indian/Alaska Native	377	5,148	17.0	18.9	7.1	6.7	17.5	18.5
Caucasian Am./White	1,827	464,177	23.9	22.5	7.5	7.4	22.9	21.8
Hispanic	1,167	71,060	19.9	18.3	7.2	7.1	19.7	18.5
Asian Am./Pacific Islander	128	37,359	23.2	23.1	7.8	7.9	22.6	22.6
Other/No Response	886	106,736	22.5	22.2	7.5	7.5	21.8	21.7
Males	1,835	327,613	21.8	20.9	7.1	7.0	21.0	20.2
Females	2,535	421,968	21.9	21.7	7.5	7.6	21.5	21.3
Missing	104	20,948	24.5	23.9	7.7	7.9	23.5	23.2



