

ACT High School Profile Report

The Graduating Class of 2008
Indiana



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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

28% 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. 15,884 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. 67% 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, 28% were college ready. 19% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 16% of these students were college ready. In comparison, 64% 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 19% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 35% 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 36% 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.

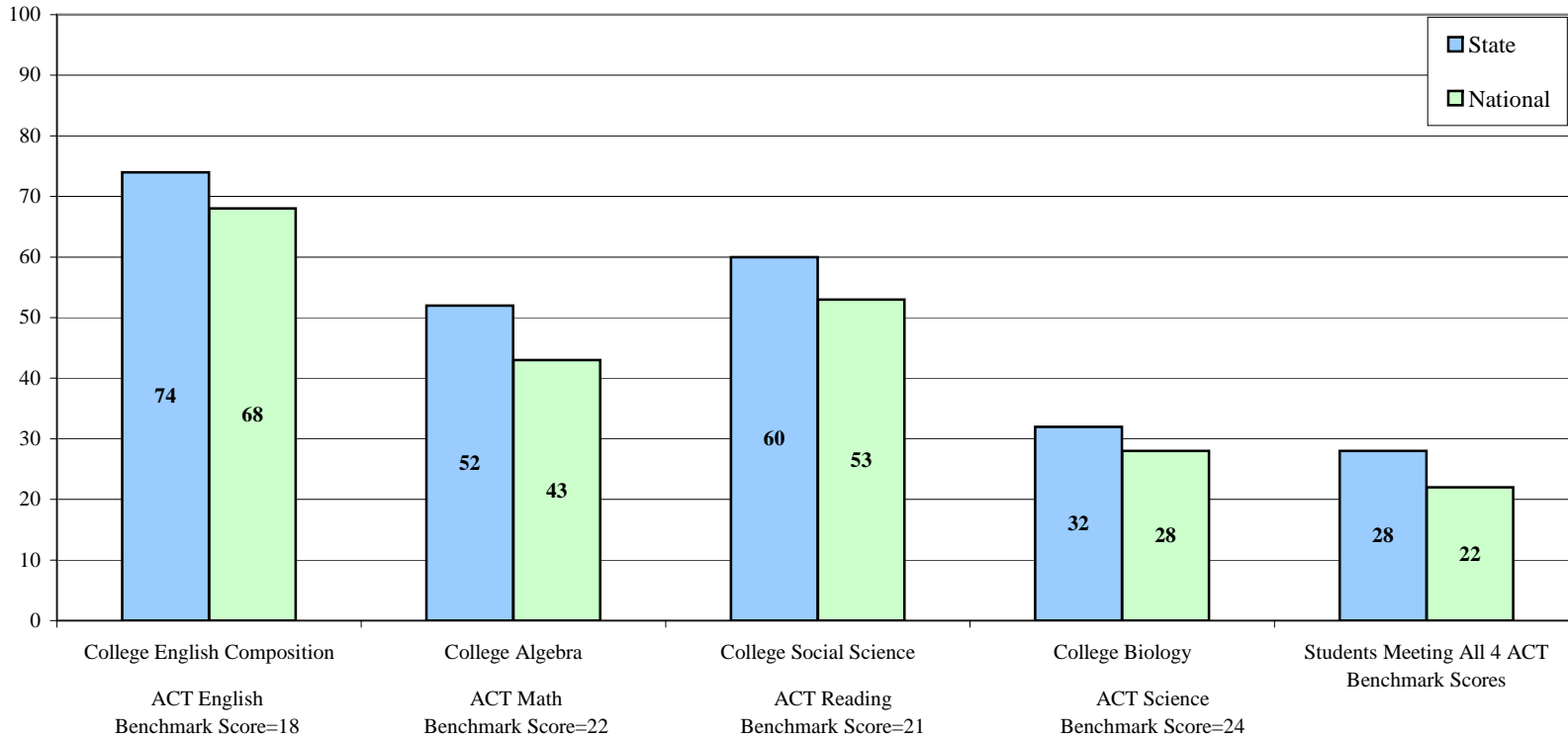
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 847-634-2560.

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	13,116	1,171,460	72	68	47	40	57	52	29	26	24	21
2005	13,231	1,186,251	73	68	47	41	58	51	30	26	25	21
2006	13,237	1,206,455	72	69	48	42	57	53	30	27	24	21
2007	14,257	1,300,599	74	69	51	43	59	53	32	28	28	23
2008	15,884	1,421,941	74	68	52	43	60	53	32	28	28	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	13,116	1,171,460	21.0	20.4	21.5	20.7	22.2	21.3	21.4	20.9	21.6	20.9
2005	13,231	1,186,251	21.2	20.4	21.5	20.7	22.2	21.3	21.4	20.9	21.7	20.9
2006	13,237	1,206,455	21.1	20.6	21.6	20.8	22.2	21.4	21.4	20.9	21.7	21.1
2007	14,257	1,300,599	21.5	20.7	22.0	21.0	22.5	21.5	21.7	21.0	22.0	21.2
2008	15,884	1,421,941	21.4	20.6	22.2	21.0	22.5	21.4	21.5	20.8	22.0	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	7,748	4,022	59	31	21.6	19.9	22.2	20.0	22.7	21.2	22.0	20.3	22.3	20.5
2005	7,603	4,083	57	31	21.9	20.0	22.3	20.3	22.8	21.2	22.0	20.5	22.4	20.6
2006	7,376	4,130	56	31	21.7	20.1	22.2	20.5	22.7	21.3	21.9	20.5	22.3	20.7
2007	7,710	4,426	54	31	22.0	20.6	22.6	21.0	22.9	21.8	22.2	20.8	22.5	21.2
2008	10,573	4,033	67	25	21.9	20.3	22.7	21.1	22.9	21.7	21.9	20.6	22.5	21.1

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	13,116	100	21.6	13,231	100	21.7	13,237	100	21.7	14,257	100	22.0	15,884	100	22.0
African American/Black	1,191	9	17.6	1,257	10	17.2	1,326	10	17.3	1,394	10	17.3	1,561	10	17.4
American Indian/Alaska Native	34	0	21.9	40	0	20.9	35	0	21.3	37	0	23.4	40	0	21.8
Caucasian American/White	10,375	79	22.0	10,377	78	22.2	9,823	74	22.2	10,171	71	22.5	11,940	75	22.6
Hispanic	291	2	19.6	299	2	19.2	312	2	19.7	354	2	19.9	456	3	19.7
Asian American/Pacific Islander	239	2	23.1	257	2	23.7	235	2	24.1	238	2	24.2	323	2	24.5
Other/No Response	986	8	22.5	1,001	8	22.3	1,506	11	22.1	2,063	14	22.8	1,564	10	22.8

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	19	100	57	100	136	100	41	100	8	100	36
35	181	100	139	100	180	99	91	100	44	100	35
34	271	99	132	99	272	98	90	99	96	100	34
33	196	97	241	98	329	96	124	99	139	99	33
32	215	96	222	96	395	94	137	98	225	98	32
31	312	94	238	95	492	92	171	97	281	97	31
30	421	92	394	94	587	89	268	96	404	95	30
29	398	90	542	91	569	85	248	94	482	92	29
28	489	87	693	88	684	81	397	93	638	89	28
27	506	84	805	83	607	77	552	90	706	85	27
26	735	81	987	78	620	73	733	87	873	81	26
25	791	76	1,080	72	733	69	1,199	82	955	75	25
24	913	71	1,036	65	938	65	1,082	74	1,108	69	24
23	864	66	911	59	1,116	59	1,134	68	1,092	62	23
22	1,113	60	823	53	801	52	1,493	61	1,190	56	22
21	1,377	53	946	48	1,061	47	1,293	51	1,239	48	21
20	1,160	45	848	42	1,136	40	1,598	43	1,177	40	20
19	909	37	950	36	938	33	1,361	33	1,138	33	19
18	854	32	1,114	30	649	27	1,027	24	1,055	26	18
17	857	26	1,234	23	782	23	647	18	927	19	17
16	646	21	1,299	16	779	18	641	14	758	13	16
15	781	17	813	8	618	13	463	10	578	8	15
14	487	12	264	2	537	9	341	7	374	5	14
13	381	9	79	1	415	6	231	5	226	2	13
12	299	6	26	1	237	3	236	3	123	1	12
11	261	4	5	1	148	2	128	2	37	1	11
10	210	3	5	1	89	1	92	1	9	1	10
9	111	1	1	1	19	1	40	1	2	1	9
8	82	1	0	1	8	1	16	1	0	1	8
7	37	1	0	1	5	1	6	1	0	1	7
6	6	1	0	1	3	1	1	1	0	1	6
5	2	1	0	1	1	1	1	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	2	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)	21.4 (5.9)		22.2 (5.2)		22.5 (6.0)		21.5 (4.8)		22.0 (4.9)		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	631	100	92	100	496	100	543	100	959	100	143	100	194	100	18
17	792	96	436	99	756	97	1,101	97	1,039	94	330	99	52	99	17
16	880	91	681	97	953	92	1,263	90	1,043	87	472	97	721	98	16
15	759	86	1,146	92	1,228	86	1,321	82	974	81	743	94	859	94	15
14	967	81	825	85	963	78	1,466	73	1,428	75	1,705	89	1,678	89	14
13	1,314	75	1,416	80	1,418	72	1,006	64	1,596	66	1,699	79	1,528	78	13
12	1,141	66	1,986	71	1,370	63	1,547	58	1,460	56	1,676	68	2,000	68	12
11	1,688	59	2,018	59	1,617	55	1,551	48	1,380	46	2,263	57	1,765	56	11
10	1,713	49	2,250	46	1,600	45	1,409	38	1,661	38	2,545	43	2,368	45	10
9	1,541	38	1,591	32	1,701	35	1,173	29	1,061	27	1,819	27	1,726	30	9
8	1,330	28	1,358	22	1,577	24	1,135	22	1,612	21	1,184	16	1,185	19	8
7	1,031	20	896	13	942	14	814	15	1,168	11	431	8	813	11	7
6	857	13	547	7	627	8	652	10	375	3	430	6	367	6	6
5	568	8	320	4	324	4	597	6	86	1	256	3	294	4	5
4	447	4	225	2	183	2	216	2	30	1	102	1	107	2	4
3	166	1	83	1	83	1	67	1	5	1	69	1	155	1	3
2	56	1	13	1	36	1	22	1	5	1	4	1	38	1	2
1	3	1	1	1	10	1	1	1	2	1	13	1	34	1	1
Avg (SD)	10.9 (3.8)		10.9 (3.1)		11.2 (3.5)		11.7 (3.7)		11.9 (3.4)		11.1 (2.8)		11.0 (3.0)		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)	25	26	27	25	25
Q2 (50th Percentile)	21	22	22	21	22
Q1 (25th Percentile)	17	18	18	19	18

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	15,884	67	22.5	21.1
	African Am./Black	1,561	61	17.8	16.9
	Am. Indian/Alaska Native	40	73	21.7	21.8
	Caucasian Am./White	11,940	69	23.0	21.6
	Hispanic	456	63	20.3	18.7
	Asian Am./Pacific Islander	323	76	24.9	23.4
	Other/No Response	1,564	55	23.3	21.9
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	21.4	22.2	22.5	21.5	22.0
	African Am./Black	16.3	17.8	17.6	17.4	17.4
	Am. Indian/Alaska Native	20.8	22.5	21.9	22.0	21.8
	Caucasian Am./White	22.0	22.7	23.1	22.0	22.6
	Hispanic	18.6	20.2	20.1	19.5	19.7
	Asian Am./Pacific Islander	23.6	26.2	23.9	23.6	24.5
	Other/No Response	22.3	22.9	23.5	22.2	22.8
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	667	4	569	4	917	6	346	2
	28 to 32	1,835	12	2,089	13	2,727	17	1,221	8
	24 to 27	2,945	19	3,908	25	2,898	18	3,566	22
	20 to 23	4,514	28	3,528	22	4,114	26	5,518	35
	16 to 19	3,266	21	4,597	29	3,148	20	3,676	23
	13 to 15	1,649	10	1,156	7	1,570	10	1,035	7
	01 to 12	1,008	6	37	0	510	3	522	3
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	6,745	42	20.9	23.0	22.4	22.0	22.2
	Females	8,699	55	21.7	21.6	22.5	21.1	21.8
	Missing	440	3	22.3	23.8	23.6	22.8	23.3
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	71	58	59	37	32
	Females	76	47	60	28	24
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	10,573	77	21.9	56	22.7	62	22.9	35	21.9	30	22.5
	Non-Core	4,033	67	20.3	43	21.1	55	21.7	26	20.6	21	21.1
	Missing	1,278	67	20.5	49	21.9	53	21.8	29	20.9	25	21.4
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	N	English			Mathematics			Reading			Science		
			CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	
State	Core	13,802	74	21.5	14,042	54	22.4	13,611	61	22.6	11,726	35	21.8	
	Non-Core	1,036	73	20.9	731	28	19.1	1,180	56	21.8	2,935	25	20.6	
	Missing	1,046	66	20.4	1,111	48	21.9	1,093	52	21.7	1,223	30	20.9	
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

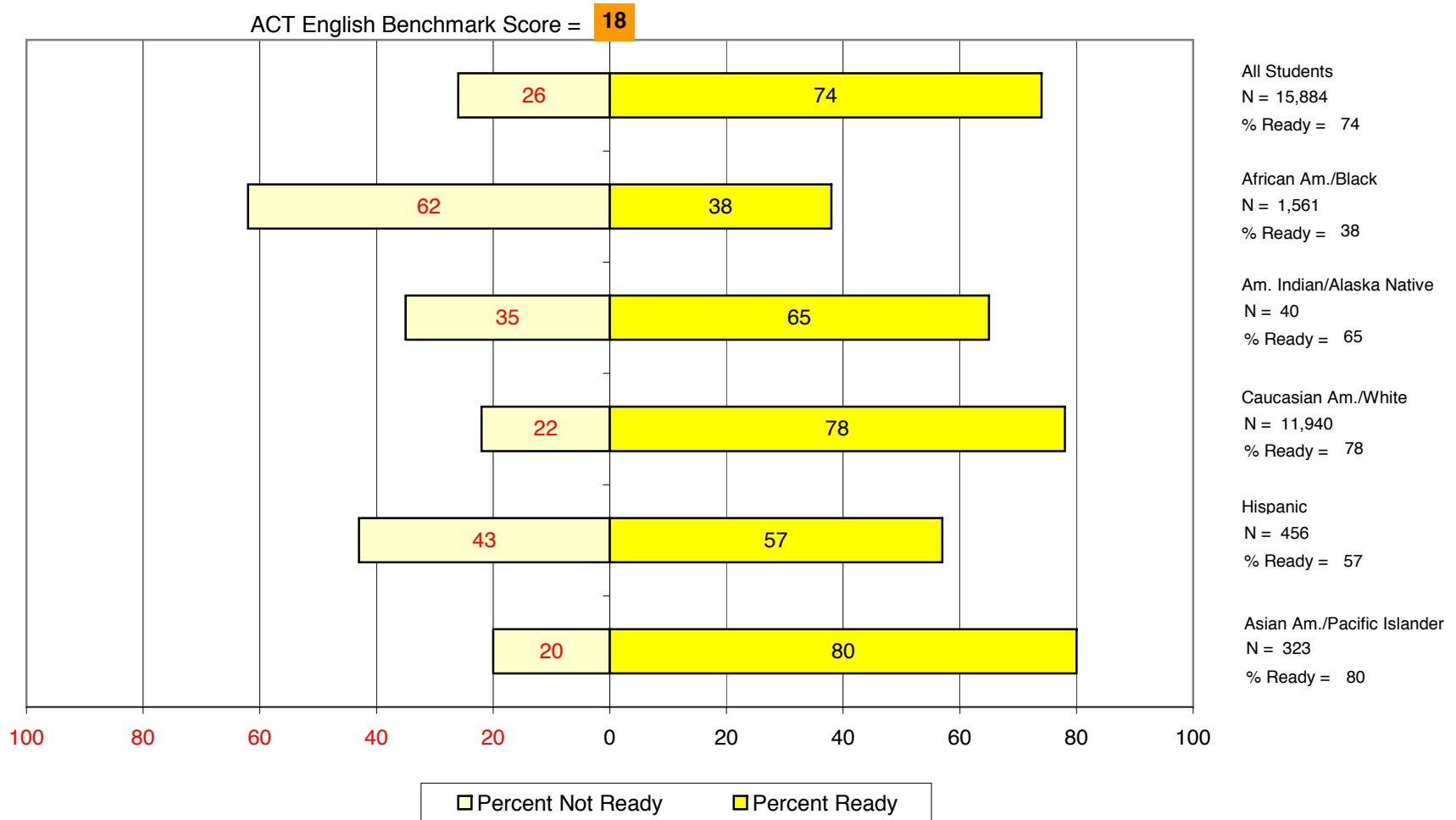


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

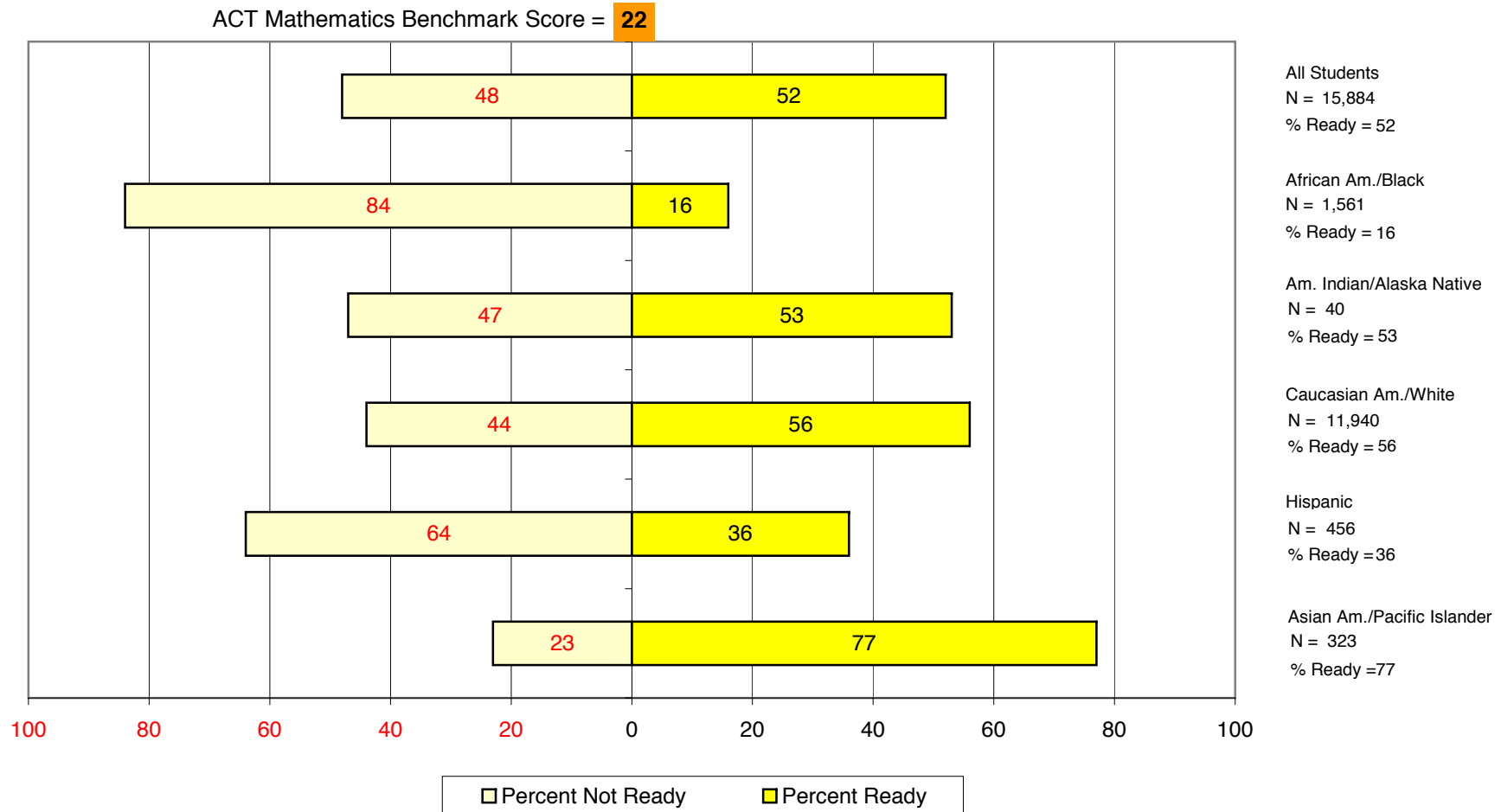


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

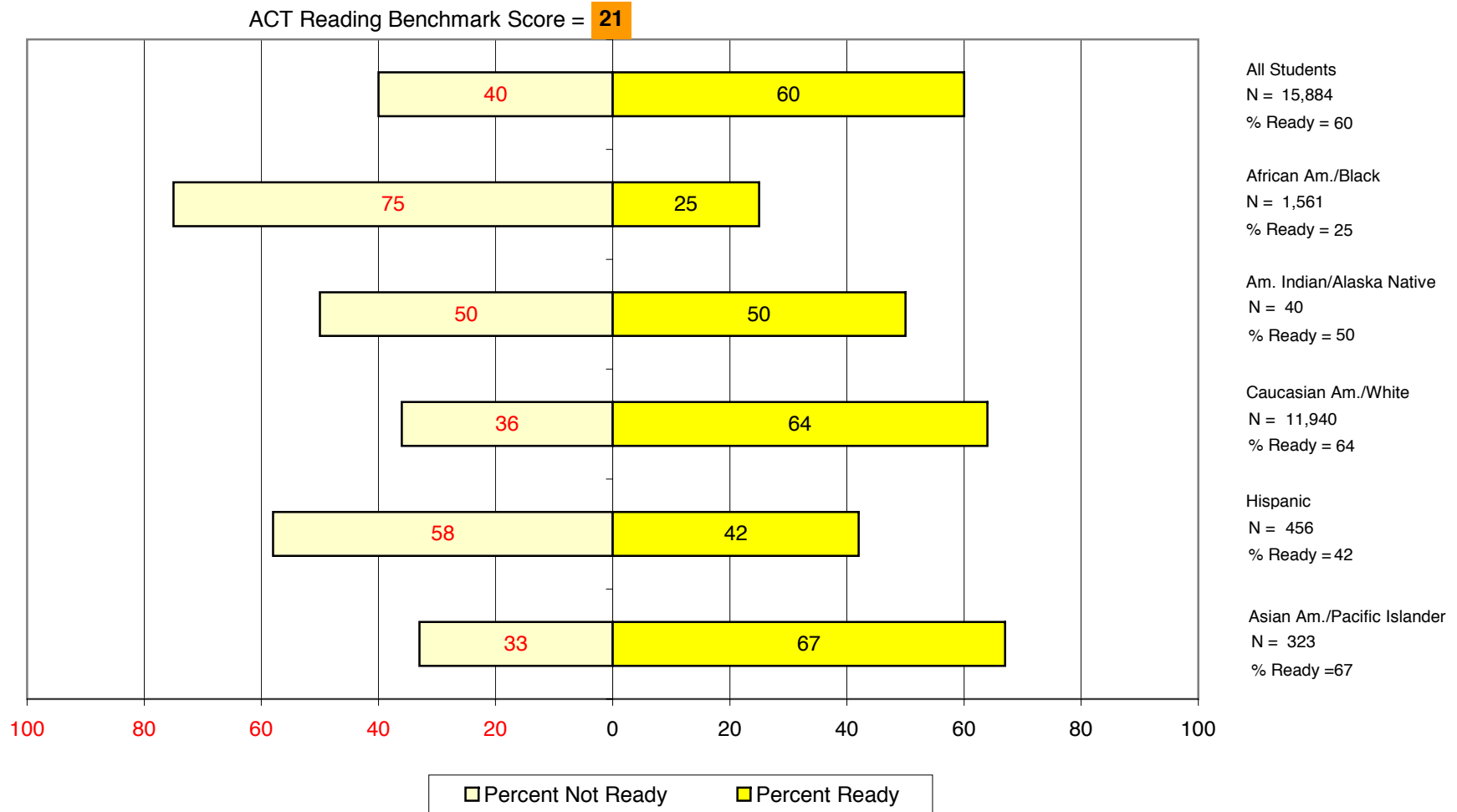


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

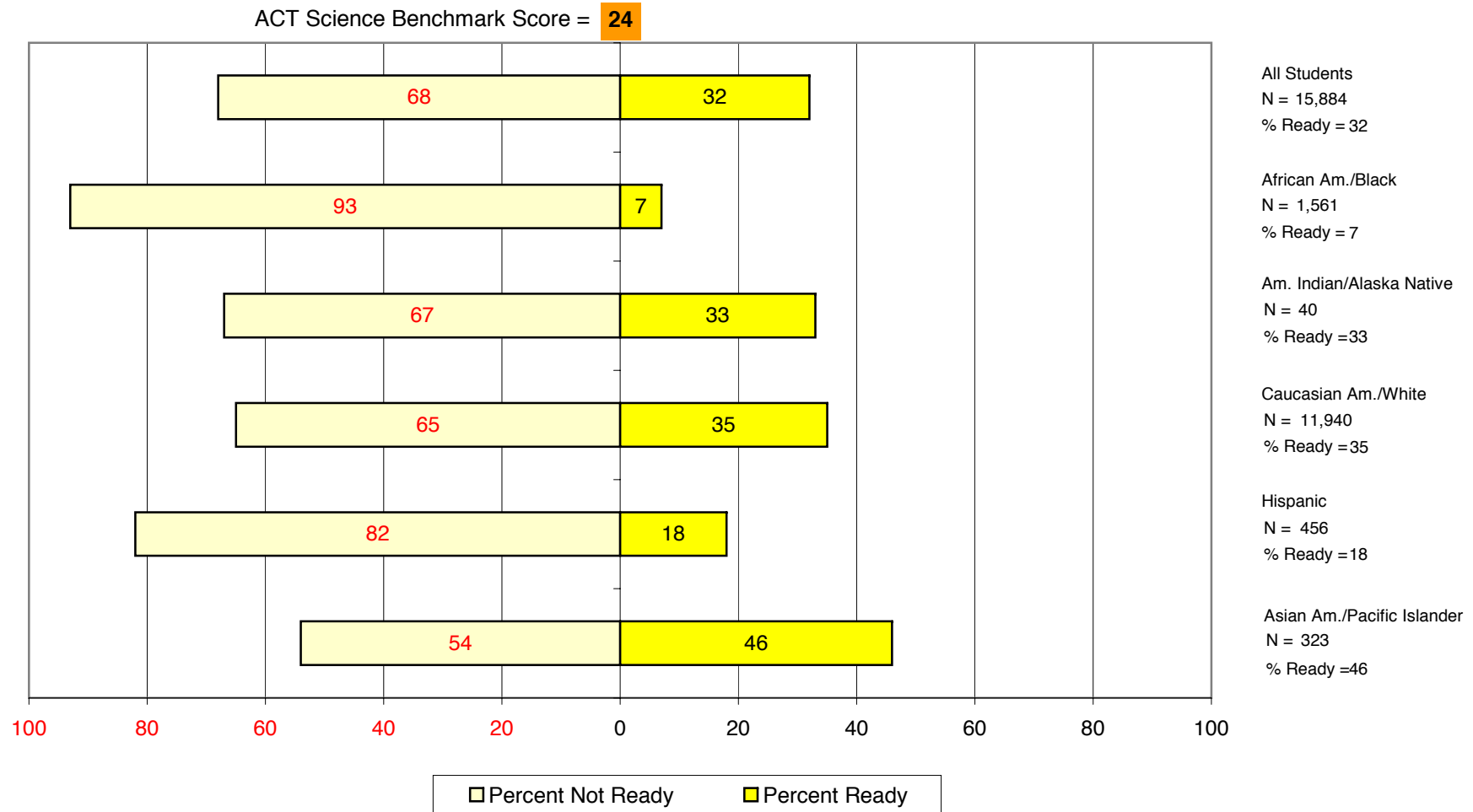


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

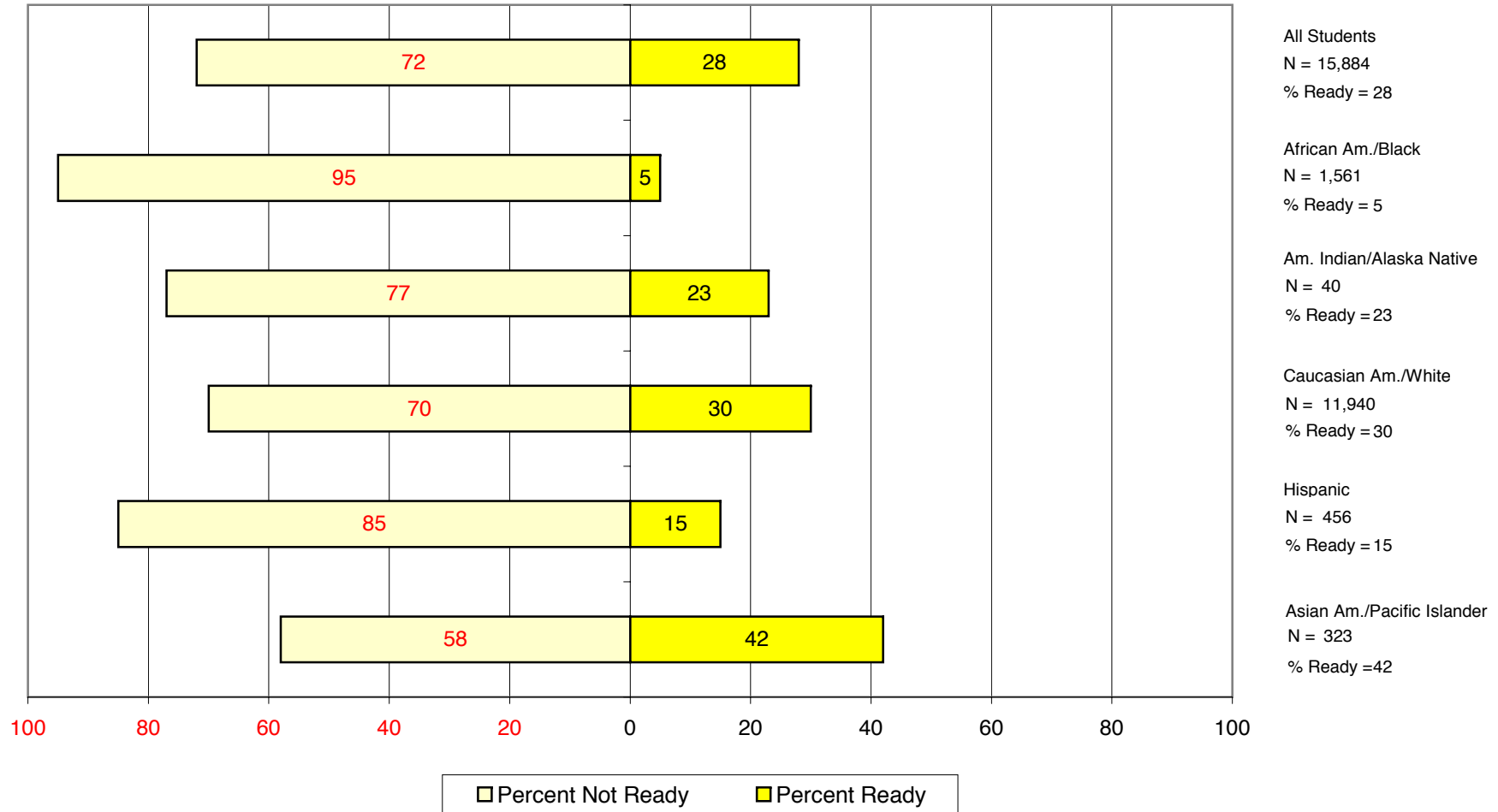


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	3,714	23	22.7	1.8	1,446	21	22.2	1.4	2,212	25	22.9	2.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	10,088	64	21.1	0.2	4,397	65	20.6	-0.2	5,525	64	21.3	0.4
Less than 4 years of English	1,050	7	20.9	-	462	7	20.8	-	547	6	20.9	-
No English course/grade information reported	1,032	6	20.4	-	440	7	19.7	-	415	5	20.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,211	8	26.3	7.2	540	8	27.0	7.9	641	7	25.6	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,187	7	22.9	3.8	433	6	23.8	4.7	733	8	22.4	3.4
Alg 1, Alg 2, Geom, & Trig	900	6	21.5	2.4	382	6	22.3	3.2	506	6	21.0	2.0
Alg 1, Alg 2, Geom, & Other Adv Math	2,906	18	21.2	2.1	1,052	16	21.9	2.8	1,815	21	20.8	1.8
Other comb of 4 or more years of Math	3,937	25	25.3	6.2	1,882	28	25.9	6.8	1,966	23	24.6	5.6
Alg 1, Alg 2, & Geom (Min. Core)	2,945	19	18.2	-0.9	1,205	18	18.8	-0.3	1,702	20	17.8	-1.2
Other comb of 3 or 3.5 years of Math	956	6	22.6	3.5	457	7	22.7	3.6	482	6	22.5	3.5
Less than 3 years of Math	769	5	19.1	-	339	5	19.1	-	413	5	19.0	-
No Math course/grade information reported	1,073	7	21.9	-	455	7	22.1	-	441	5	21.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	90	1	24.5	2.8	46	1	23.9	2.2	41	0	25.6	3.9
Other comb of 4 or more years Social Science	7,638	48	22.7	1.0	3,161	47	22.7	1.0	4,359	50	22.8	1.1
US Hist, World Hist, & Am Gov (Min. Core)	183	1	21.3	-0.4	112	2	20.8	-0.9	64	1	21.6	-0.1
Other comb of 3 or 3.5 years of Social Science	5,700	36	22.4	0.7	2,408	36	22.4	0.7	3,198	37	22.4	0.7
Less than 3 years of Social Science	1,194	8	21.7	-	553	8	21.7	-	601	7	21.7	-
No Soc Sci course/grade information reported	1,079	7	21.8	-	465	7	21.1	-	436	5	22.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	3,922	25	21.9	1.3	1,879	28	22.6	1.9	1,973	23	21.3	0.8
Bio, Chem, Phys	3,370	21	23.7	3.1	1,535	23	24.6	3.9	1,761	20	22.9	2.4
Gen Sci ² , Bio, Chem (Min. Core)	4,118	26	20.3	-0.3	1,518	23	20.5	-0.2	2,540	29	20.2	-0.3
Other comb of 3 years of Natural Science	316	2	20.0	-0.6	177	3	20.2	-0.5	136	2	19.6	-0.9
Less than 3 years of Natural Science	3,029	19	20.6	-	1,149	17	20.7	-	1,829	21	20.5	-
No Nat Sci course/grade information reported	1,129	7	20.9	-	487	7	20.7	-	460	5	20.4	-

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	3,714	23	22.7	81	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	10,088	64	21.1	72	949,721	67	20.5	68
Less than 4 years of English	1,050	7	20.9	73	112,496	8	18.8	56
No English course/grade information reported	1,032	6	20.4	66	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,211	8	26.3	86	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,187	7	22.9	63	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	900	6	21.5	48	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	2,906	18	21.2	47	204,909	14	20.4	38
Other comb of 4 or more years of Math	3,937	25	25.3	76	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	2,945	19	18.2	16	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	956	6	22.6	58	70,951	5	20.8	41
Less than 3 years of Math	769	5	19.1	28	131,252	9	17.4	14
No Math course/grade information reported	1,073	7	21.9	48	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	90	1	24.5	69	42,546	3	22.7	61
Other comb of 4 or more years Social Science	7,638	48	22.7	62	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	183	1	21.3	57	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	5,700	36	22.4	60	404,731	28	21.3	52
Less than 3 years of Social Science	1,194	8	21.7	56	185,561	13	20.4	45
No Soc Sci course/grade information reported	1,079	7	21.8	52	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	3,922	25	21.9	35	453,654	32	22.2	38
Bio, Chem, Phys	3,370	21	23.7	51	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	4,118	26	20.3	21	435,183	31	20.1	20
Other comb of 3 years of Natural Science	316	2	20.0	19	40,179	3	20.1	22
Less than 3 years of Natural Science	3,029	19	20.6	25	259,142	18	18.7	13
No Nat Sci course/grade information reported	1,129	7	20.9	29	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	145	1	20.7	14	3	18.1	125	1	21.0
Architecture & Environmental Design	269	2	21.9	5	1	17.8	249	2	21.9
Business & Management	1,539	10	21.6	25	6	16.6	1,426	11	21.6
Business & Office	89	1	20.1	3	1	18.3	78	1	20.3
Marketing & Distribution	149	1	20.9	1	0	16.0	145	1	20.9
Communications & Comm. Technologies	487	3	21.7	12	3	16.9	450	3	21.8
Community & Personal Services	286	2	19.0	26	6	17.4	249	2	19.2
Computer & Information Sciences	265	2	21.7	11	3	18.4	246	2	21.8
Cross-Disciplinary Studies	24	0	24.3	0	0	.	22	0	24.5
Education	854	5	20.9	14	3	16.8	802	6	20.9
Teacher Education	420	3	20.8	3	1	19.0	401	3	20.8
Engineering	625	4	24.5	5	1	16.8	590	4	24.7
Engineering-Related Technologies	365	2	22.4	8	2	15.3	342	3	22.6
Foreign Languages	92	1	23.6	1	0	27.0	82	1	23.7
Health Sciences & Allied Health Fields	3,029	19	21.8	109	26	17.5	2,806	21	22.0
Human, Family & Consumer Science	127	1	19.9	10	2	18.9	109	1	19.9
Letters	94	1	25.0	5	1	18.2	82	1	25.4
Mathematics	91	1	24.8	0	0	.	85	1	25.0
Philosophy, Religion & Theology	123	1	22.1	2	0	17.5	107	1	22.3
Sciences (Biological & Physical)	996	6	24.9	3	1	21.3	941	7	24.9
Social Sciences	924	6	22.8	10	2	17.1	871	6	22.9
Trade & Industrial	119	1	18.5	48	11	18.0	66	0	18.9
Visual & Performing Arts	700	4	21.5	24	6	18.2	638	5	21.7
Undecided	2,149	14	22.1	65	15	16.9	1,880	14	22.3
No Response	1,923	12	21.8	17	4	17.8	743	5	22.7

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	54	17.4	7	13.3	0	.	41	18.0	1	17.0	0	.	5	18.2
2-yr College Degree	367	17.5	46	14.2	0	.	285	18.1	11	14.7	4	14.3	21	18.5
Bachelors Degree	6,576	20.7	583	16.6	14	18.1	5,304	21.2	177	18.2	55	21.1	443	21.1
Graduate Study	2,983	23.5	237	18.6	5	25.6	2,382	24.0	76	22.5	52	23.4	231	23.7
Prof. Level Degree	3,976	23.9	466	18.8	13	23.8	2,801	24.6	131	21.4	170	26.1	395	24.2
Other	220	18.7	31	15.1	2	17.5	151	19.5	6	16.7	7	18.6	23	19.5
No Response	1,708	21.9	191	16.3	6	24.3	976	22.5	54	18.1	35	25.5	446	23.3

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
INDIANA UNIVERSITY BLOOMINGTON	Indiana	4,496	1,818	2,678	1	5	20	32	27	14	2
PURDUE UNIVERSITY	Indiana	3,808	1,419	2,389	0	3	17	31	29	16	2
BALL STATE UNIVERSITY	Indiana	3,333	1,025	2,308	1	7	29	35	21	7	1
INDIANA UNIV-PURDUE UNIV INDIANAPOLIS	Indiana	2,226	709	1,517	2	9	31	34	18	6	0
BUTLER UNIVERSITY	Indiana	1,387	335	1,052	1	3	14	28	34	18	2
UNIVERSITY OF SOUTHERN INDIANA	Indiana	1,291	424	867	1	9	34	32	17	6	0
INDIANA STATE UNIVERSITY	Indiana	1,201	271	930	2	14	36	29	15	3	0
UNIVERSITY OF INDIANAPOLIS	Indiana	1,042	210	832	2	10	33	30	18	6	0
UNIVERSITY OF EVANSVILLE	Indiana	690	141	549	0	5	19	32	29	13	1
INDIANA UNIV-PURDUE UNIV AT FORT WAYNE	Indiana	601	192	409	1	10	35	30	17	6	0
UNIVERSITY OF NOTRE DAME	Indiana	568	166	402	0	1	8	18	32	34	7
NCAA ELIGIBILITY CENTER	Indiana	536	286	250	0	12	25	34	19	10	1
DEPAUW UNIVERSITY	Indiana	502	104	398	0	5	10	25	32	24	3
VINCENNES UNIVERSITY	Indiana	453	110	343	3	18	43	25	10	1	0
INDIANA WESLEYAN UNIVERSITY	Indiana	371	142	229	1	4	19	33	32	10	1
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	Indiana	361	80	281	0	0	6	19	38	33	5
VALPARAISO UNIVERSITY	Indiana	352	66	286	0	5	19	29	26	16	4
UNIVERSITY OF LOUISVILLE	Kentucky	338	121	217	1	6	30	34	22	7	0
IVY TECH COMM COLL-CENTRAL INDIANA	Indiana	333	75	258	5	22	44	22	6	2	0
ANDERSON UNIVERSITY	Indiana	325	95	230	1	8	26	34	23	9	1
HANOVER COLLEGE	Indiana	292	78	214	1	4	14	32	28	19	1
FRANKLIN COLLEGE	Indiana	291	62	229	1	8	28	35	22	7	0
MARIAN COLLEGE	Indiana	290	64	226	3	11	34	30	16	6	0
MIAMI UNIVERSITY	Ohio	282	55	227	0	2	7	22	36	30	3
UNIVERSITY OF SAINT FRANCIS-IN	Indiana	248	81	167	2	8	37	30	18	5	0
MANCHESTER COLLEGE	Indiana	233	41	192	1	10	28	32	21	6	2
TAYLOR UNIVERSITY	Indiana	231	46	185	0	2	17	29	26	23	3
NORTHWESTERN UNIVERSITY	Illinois	213	42	171	0	1	3	11	25	48	12
INDIANA UNIVERSITY SOUTHEAST	Indiana	212	59	153	1	5	35	36	21	2	0
WESTERN KENTUCKY UNIVERSITY	Kentucky	209	40	169	1	7	35	34	19	3	0
All Other Institutions		13,607	3,506	10,101	1	8	22	27	23	16	3
Total		40,322	11,863	28,459	1	7	23	30	24	13	2

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	10,824	770,529	21.9	21.4	7.3	7.3	21.3	20.9
African Am./Black	969	86,049	16.8	16.6	6.7	6.5	17.0	16.6
Am. Indian/Alaska Native	25	5,148	21.9	18.9	6.9	6.7	21.0	18.5
Caucasian Am./White	8,082	464,177	22.4	22.5	7.3	7.4	21.7	21.8
Hispanic	341	71,060	18.7	18.3	7.1	7.1	18.8	18.5
Asian Am./Pacific Islander	252	37,359	24.7	23.1	8.1	7.9	24.0	22.6
Other/No Response	1,155	106,736	22.9	22.2	7.4	7.5	22.1	21.7
Males	4,382	327,613	21.5	20.9	7.0	7.0	20.7	20.2
Females	6,087	421,968	22.2	21.7	7.5	7.6	21.6	21.3
Missing	355	20,948	22.7	23.9	7.4	7.9	21.9	23.2

