

ACT High School Profile Report

The Graduating Class of 2008
Washington



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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

34% 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. 59% 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, 38% were college ready. 9% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 24% of these students were college ready. In comparison, 67% 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 16% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 44% 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 29% 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.

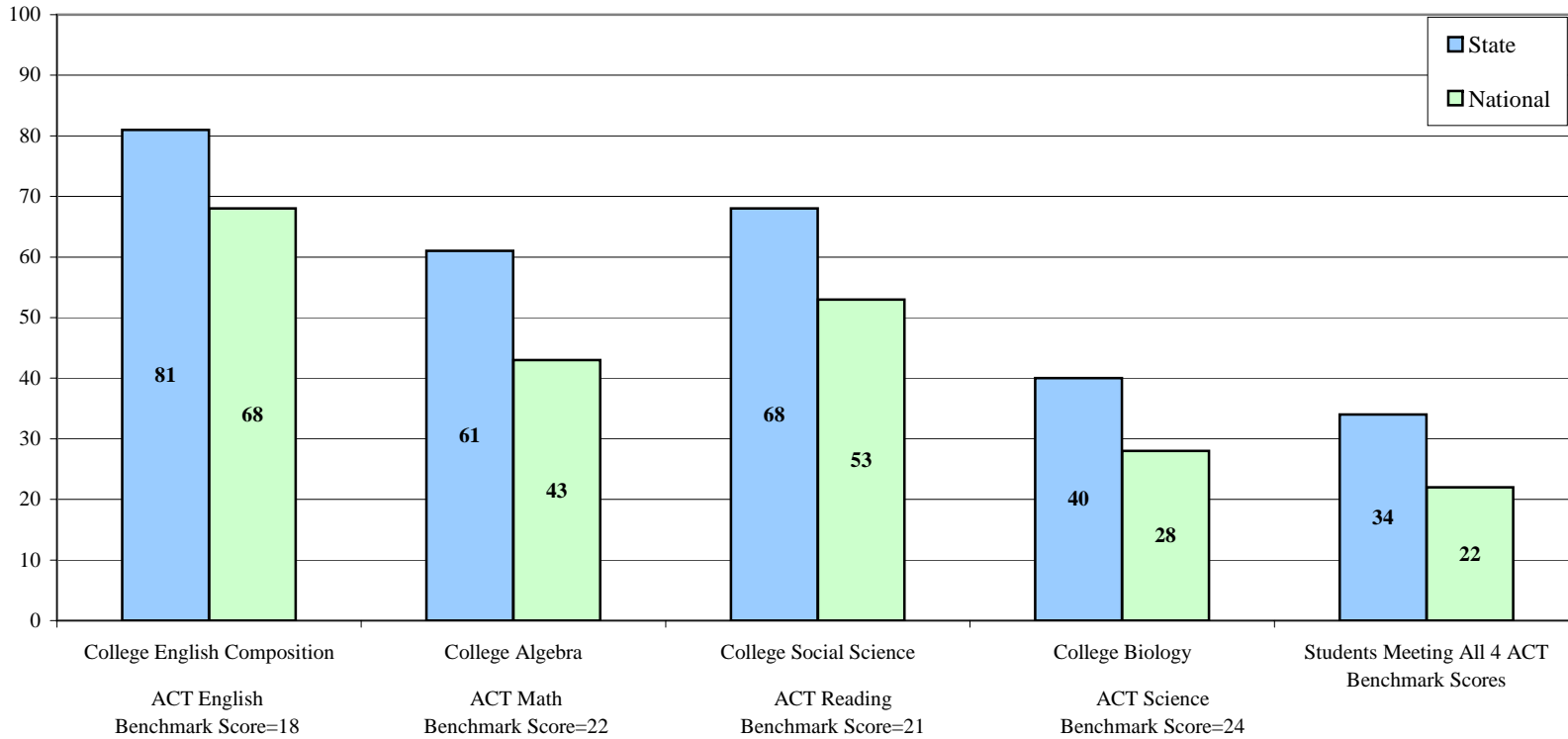
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 916-631-9200.

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	9,796	1,171,460	78	68	53	40	65	52	35	26	29	21
2005	10,091	1,186,251	79	68	54	41	66	51	37	26	31	21
2006	9,685	1,206,455	80	69	57	42	67	53	38	27	32	21
2007	10,435	1,300,599	81	69	60	43	67	53	40	28	34	23
2008	11,951	1,421,941	81	68	61	43	68	53	40	28	34	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	9,796	1,171,460	21.9	20.4	22.1	20.7	23.2	21.3	22.0	20.9	22.5	20.9
2005	10,091	1,186,251	22.3	20.4	22.4	20.7	23.5	21.3	22.3	20.9	22.7	20.9
2006	9,685	1,206,455	22.4	20.6	22.7	20.8	23.6	21.4	22.4	20.9	22.9	21.1
2007	10,435	1,300,599	22.7	20.7	23.0	21.0	23.7	21.5	22.6	21.0	23.1	21.2
2008	11,951	1,421,941	22.7	20.6	23.2	21.0	23.7	21.4	22.4	20.8	23.1	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	4,701	3,930	48	40	22.8	20.9	23.1	21.0	24.0	22.3	22.7	21.2	23.3	21.5
2005	4,701	3,959	47	39	23.1	21.3	23.2	21.3	24.2	22.6	22.9	21.5	23.5	21.8
2006	4,287	3,899	44	40	23.2	21.5	23.4	21.8	24.2	22.8	23.0	21.7	23.6	22.1
2007	4,595	4,060	44	39	23.4	21.8	23.8	22.1	24.4	22.9	23.2	21.9	23.8	22.3
2008	7,027	3,850	59	32	23.4	21.5	23.8	22.0	24.3	22.7	22.9	21.5	23.7	22.1

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	9,796	100	22.5	10,091	100	22.7	9,685	100	22.9	10,435	100	23.1	11,951	100	23.1
African American/Black	356	4	17.7	379	4	18.1	316	3	18.3	302	3	18.4	456	4	17.9
American Indian/Alaska Native	107	1	19.9	108	1	19.7	83	1	20.5	100	1	21.1	106	1	20.2
Caucasian American/White	6,612	67	22.9	6,715	67	23.1	5,943	61	23.3	5,988	57	23.4	7,464	62	23.6
Hispanic	482	5	18.9	508	5	19.1	446	5	19.3	477	5	19.5	672	6	18.9
Asian American/Pacific Islander	763	8	22.1	842	8	22.7	768	8	22.7	869	8	23.2	1,153	10	23.3
Other/No Response	1,476	15	23.0	1,539	15	23.5	2,129	22	23.2	2,699	26	23.7	2,100	18	24.0

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	25	100	57	100	144	100	49	100	4	100	36
35	215	100	119	100	238	99	98	100	40	100	35
34	272	98	147	99	252	97	112	99	95	100	34
33	221	96	269	97	413	95	127	98	191	99	33
32	228	94	203	95	416	91	114	97	231	97	32
31	304	92	200	93	499	88	158	96	301	95	31
30	432	89	380	92	579	84	246	94	385	93	30
29	481	86	485	88	514	79	227	92	508	90	29
28	473	82	659	84	618	74	356	91	605	85	28
27	488	78	718	79	486	69	542	88	732	80	27
26	594	74	758	73	539	65	696	83	787	74	26
25	723	69	945	67	555	61	1,149	77	853	68	25
24	790	63	871	59	742	56	919	68	883	60	24
23	683	56	785	51	828	50	971	60	934	53	23
22	903	50	650	45	534	43	1,105	52	905	45	22
21	952	43	668	39	715	38	867	43	819	38	21
20	807	35	578	34	767	32	1,133	35	738	31	20
19	556	28	682	29	588	26	833	26	703	25	19
18	490	23	703	23	400	21	643	19	585	19	18
17	431	19	692	17	381	18	399	13	471	14	17
16	372	16	742	12	489	15	330	10	400	10	16
15	408	13	397	5	321	10	239	7	280	7	15
14	300	9	164	2	352	8	195	5	222	4	14
13	209	7	47	1	240	5	125	4	147	2	13
12	156	5	16	1	152	3	132	3	77	1	12
11	127	4	8	1	96	2	95	2	34	1	11
10	124	3	6	1	52	1	52	1	13	1	10
9	70	2	1	1	22	1	23	1	6	1	9
8	69	1	1	1	5	1	7	1	2	1	8
7	28	1	0	1	7	1	3	1	0	1	7
6	18	1	0	1	4	1	1	1	0	1	6
5	2	1	0	1	1	1	2	1	0	1	5
4	0	1	0	1	2	1	1	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	0	1	0	1	1	1	0	1	1
Avg (SD)	22.7 (6.0)		23.2 (5.2)		23.7 (6.2)		22.4 (4.8)		23.1 (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	663	100	104	100	577	100	580	100	932	100	139	100	191	100	18
17	729	94	487	99	808	95	1,133	95	879	92	298	99	59	98	17
16	756	88	835	95	961	88	1,288	86	1,003	85	461	96	732	98	16
15	743	82	1,197	88	1,033	80	1,127	75	725	76	602	92	751	92	15
14	847	76	866	78	815	72	1,198	65	1,171	70	1,518	87	1,668	85	14
13	1,175	69	1,278	71	1,119	65	766	55	1,348	61	1,367	75	1,326	72	13
12	897	59	1,575	60	984	56	1,097	49	1,089	49	1,238	63	1,750	60	12
11	1,271	51	1,488	47	1,142	47	1,085	40	989	40	1,847	53	1,241	46	11
10	1,225	41	1,433	34	1,083	38	846	31	1,190	32	1,834	37	1,718	35	10
9	953	30	848	22	1,092	29	761	24	645	22	1,183	22	998	21	9
8	783	23	717	15	999	20	663	17	988	17	684	12	633	13	8
7	633	16	468	9	512	11	495	12	662	8	253	7	399	7	7
6	512	11	260	5	389	7	405	8	232	3	238	4	168	4	6
5	348	6	161	3	212	4	303	4	56	1	150	2	148	3	5
4	253	3	150	2	120	2	157	2	35	1	64	1	64	1	4
3	105	1	65	1	57	1	27	1	6	1	53	1	73	1	3
2	54	1	18	1	36	1	20	1	0	1	9	1	10	1	2
1	4	1	1	1	12	1	0	1	1	1	13	1	22	1	1
Avg (SD)	11.5 (3.8)		11.7 (3.1)		11.9 (3.6)		12.4 (3.7)		12.4 (3.4)		11.5 (2.8)		11.6 (2.9)		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)	27	27	29	25	27
Q2 (50th Percentile)	22	23	24	22	23
Q1 (25th Percentile)	19	19	19	19	20

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	11,951	59	23.7	22.1
	African Am./Black	456	54	18.8	17.0
	Am. Indian/Alaska Native	106	48	21.4	19.0
	Caucasian Am./White	7,464	60	24.1	22.6
	Hispanic	672	52	19.9	17.9
	Asian Am./Pacific Islander	1,153	64	23.9	22.8
	Other/No Response	2,100	55	24.4	23.0
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	22.7	23.2	23.7	22.4	23.1
	African Am./Black	17.2	18.1	18.2	17.6	17.9
	Am. Indian/Alaska Native	18.5	20.5	21.0	20.3	20.2
	Caucasian Am./White	23.2	23.4	24.3	22.8	23.6
	Hispanic	17.6	19.3	19.2	18.9	18.9
	Asian Am./Pacific Islander	22.6	24.7	22.9	22.6	23.3
	Other/No Response	23.8	23.9	24.7	23.0	24.0
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	733	6	592	5	1,047	9	386	3
	28 to 32	1,918	16	1,927	16	2,626	22	1,101	9
	24 to 27	2,595	22	3,292	28	2,322	19	3,306	28
	20 to 23	3,345	28	2,681	22	2,844	24	4,076	34
	16 to 19	1,849	15	2,819	24	1,858	16	2,205	18
	13 to 15	917	8	608	5	913	8	559	5
	01 to 12	594	5	32	0	341	3	318	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	4,858	41	22.2	24.1	23.7	23.0	23.4
	Females	6,647	56	22.9	22.4	23.6	21.8	22.8
	Missing	446	4	24.4	24.7	25.2	23.5	24.6
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	78	67	67	46	40
	Females	81	55	68	35	30
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	7,027	85	23.4	67	23.8	72	24.3	45	22.9	39	23.7
	Non-Core	3,850	74	21.5	50	22.0	61	22.7	33	21.5	28	22.1
	Missing	1,074	78	22.2	61	23.0	64	23.3	36	21.9	31	22.7
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	10,215	81	22.7	10,128	63	23.4	8,696	69	23.8	9,188	44	22.8
	Non-Core	910	77	21.9	866	38	20.5	2,343	64	23.2	1,823	24	20.4
	Missing	826	80	22.6	957	61	23.0	912	66	23.6	940	37	22.2
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

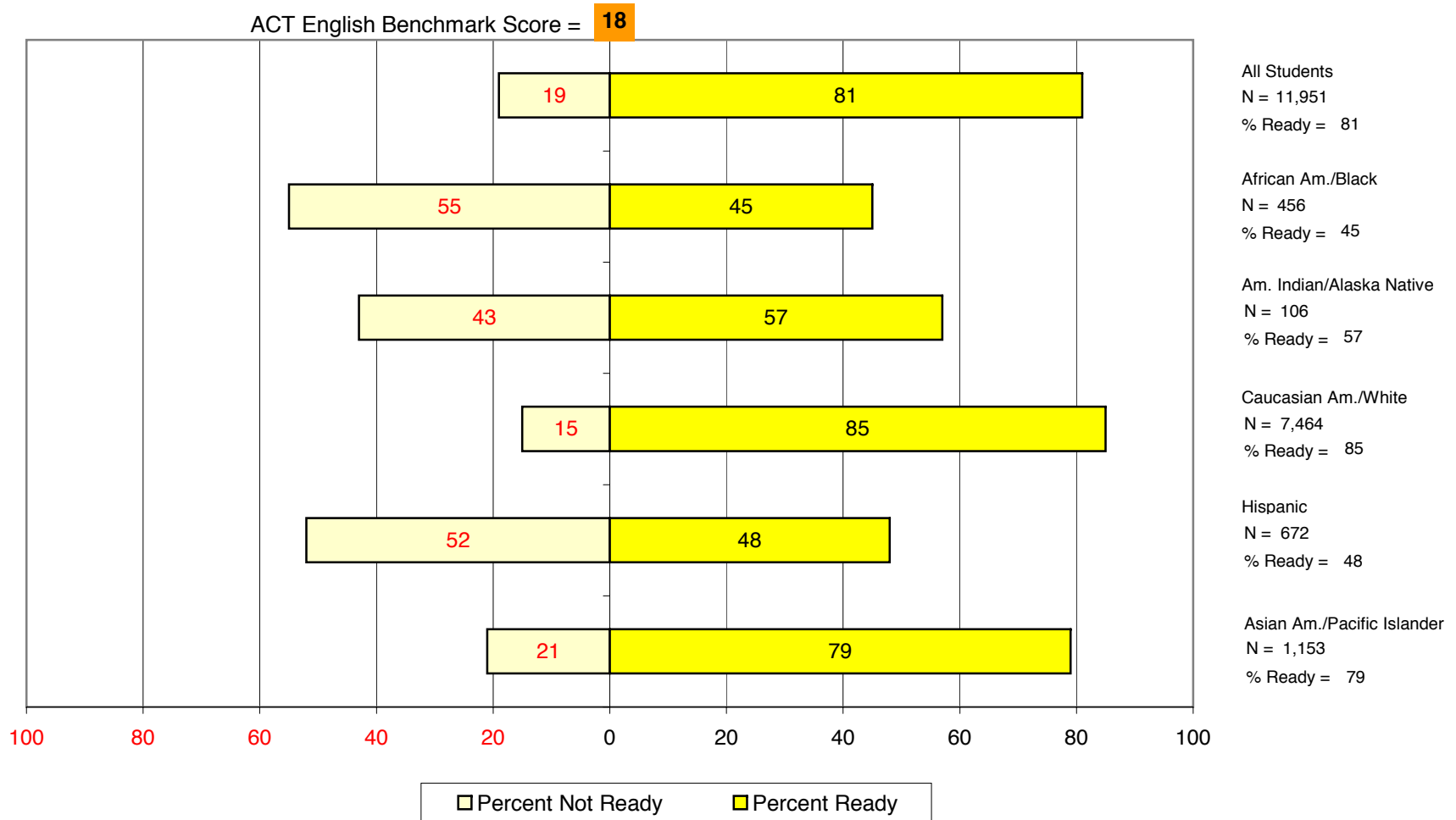


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

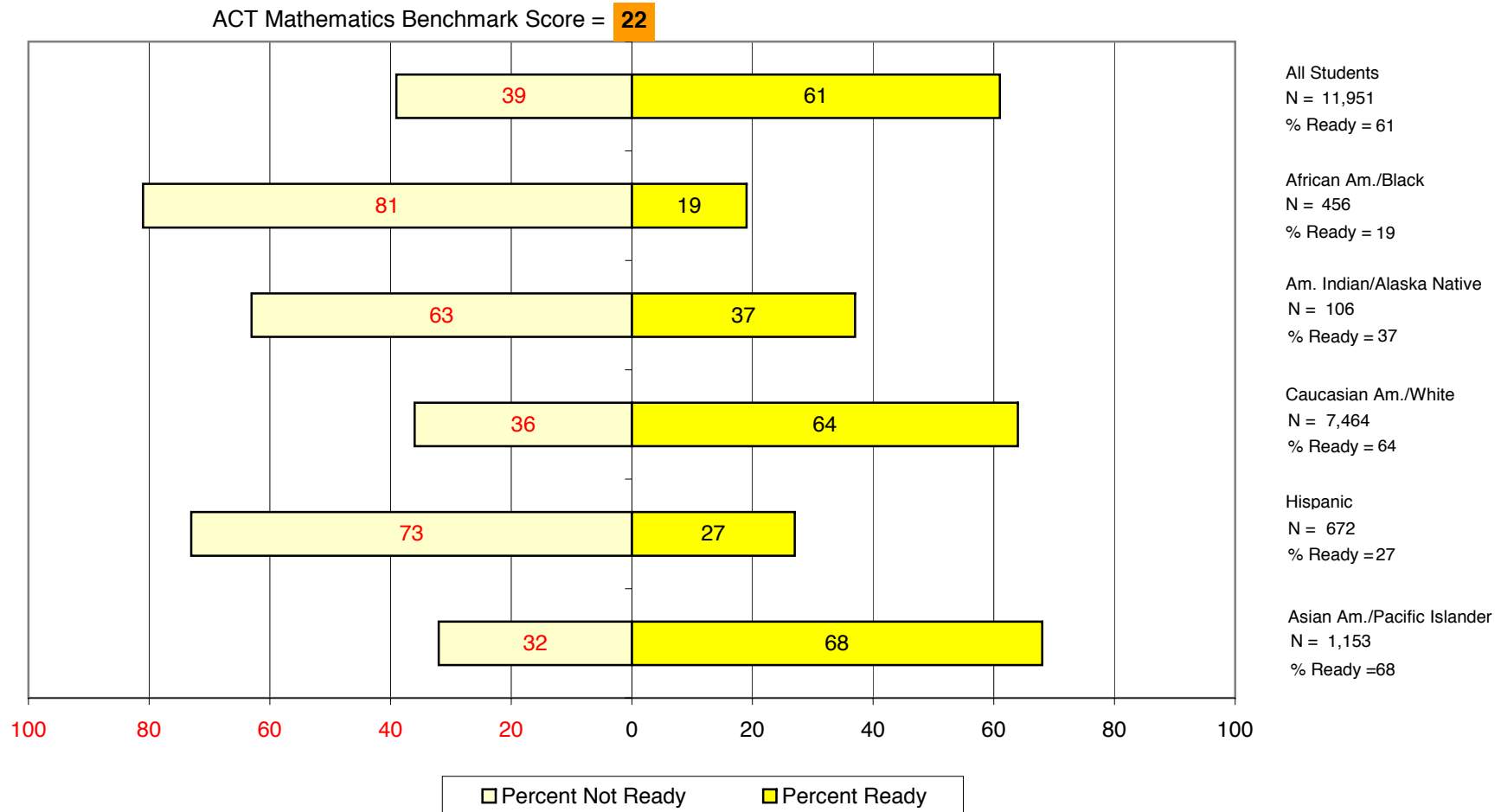


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

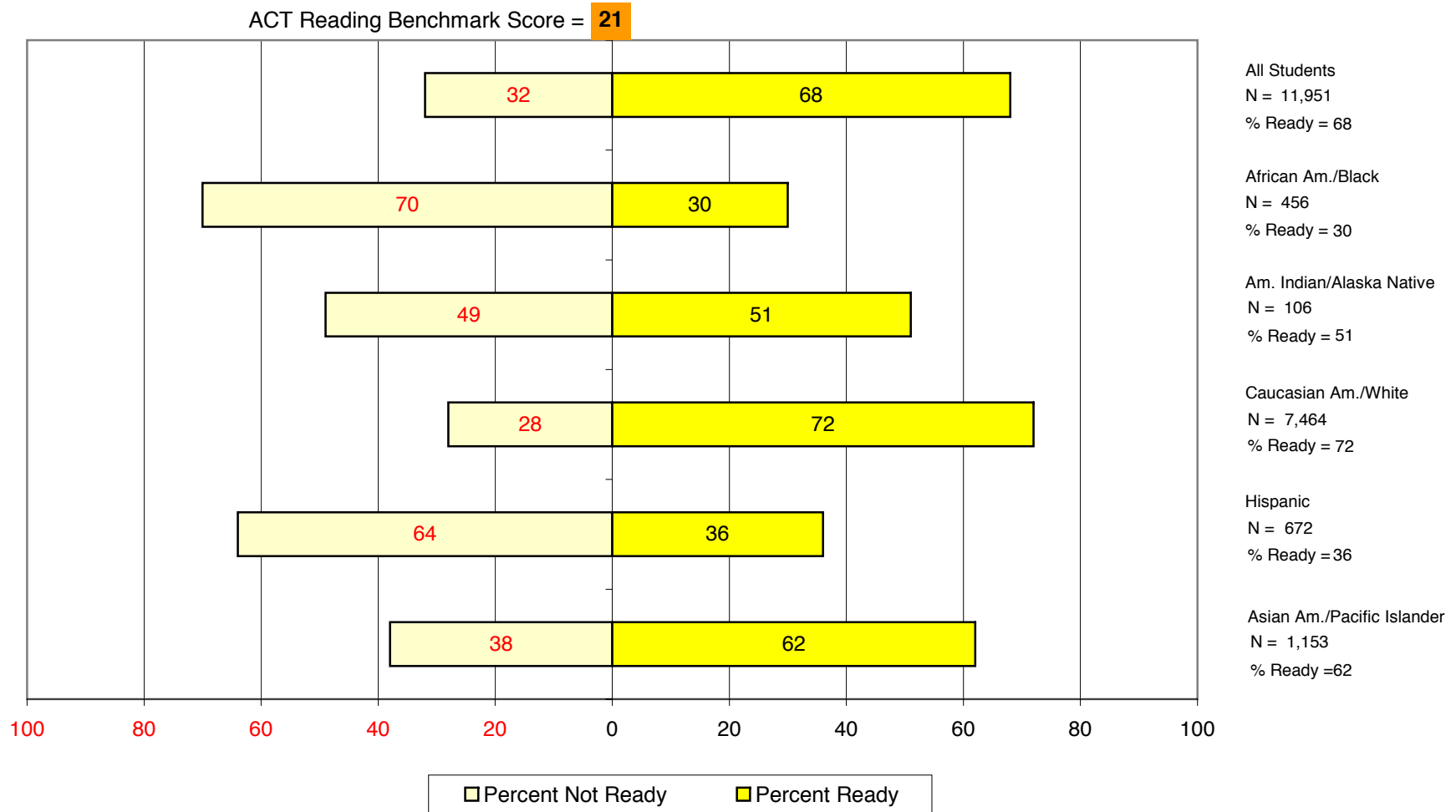


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24

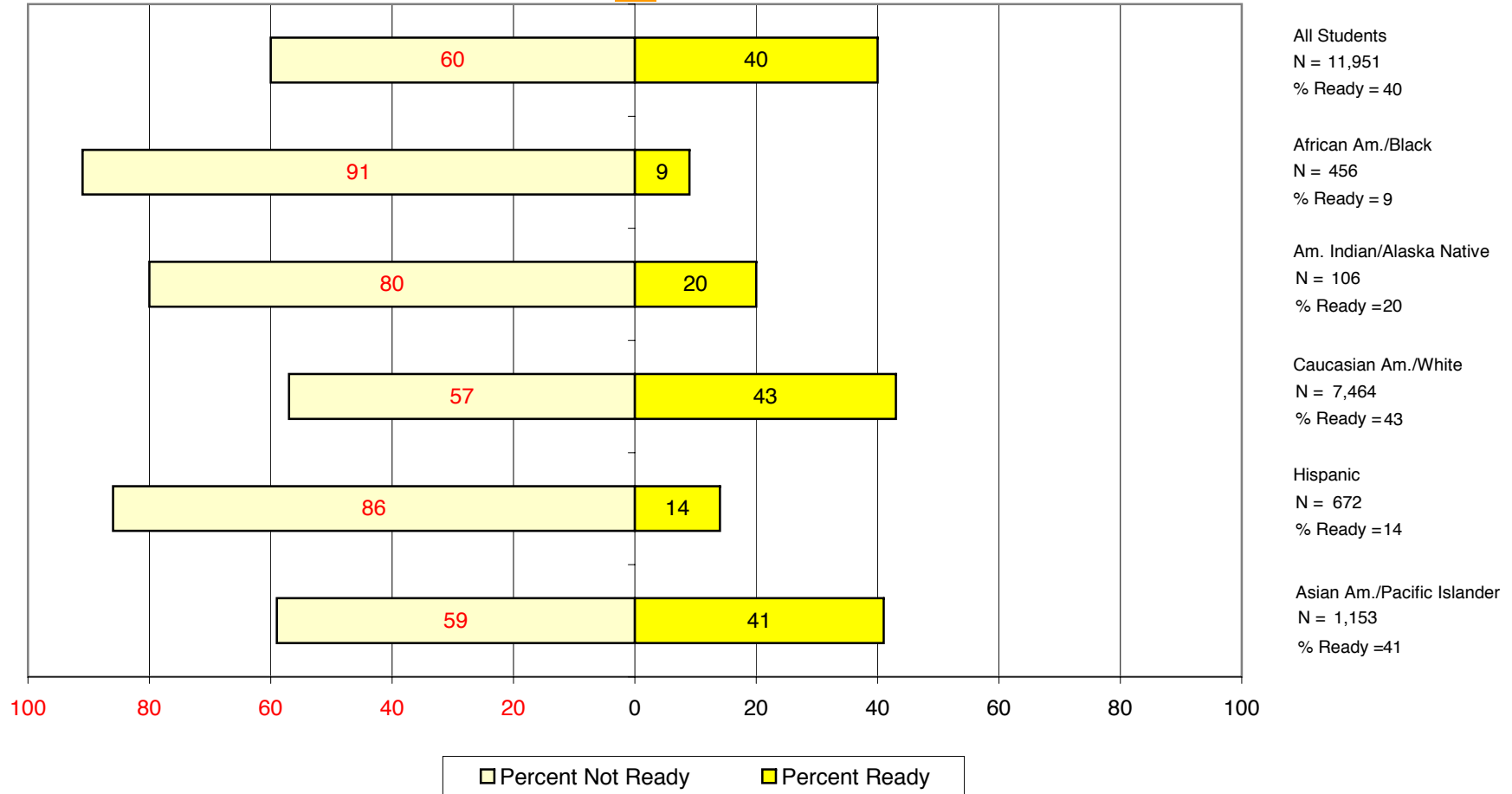


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

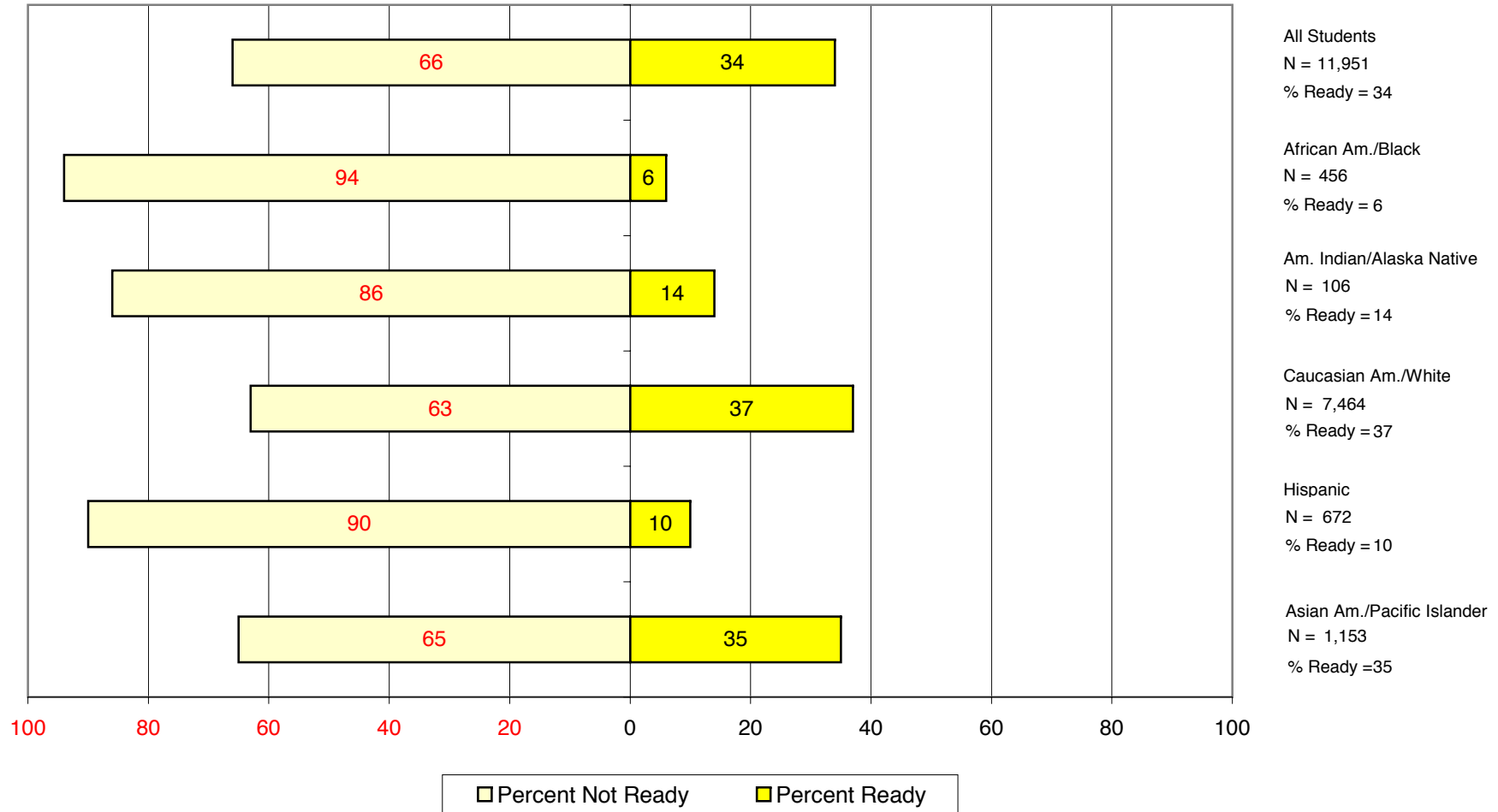


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	2,520	21	22.6	0.7	974	20	21.9	0.3	1,496	23	23.0	1.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	7,695	64	22.8	0.9	3,149	65	22.4	0.8	4,351	65	23.0	1.0
Less than 4 years of English	914	8	21.9	-	378	8	21.6	-	468	7	22.0	-
No English course/grade information reported	822	7	22.6	-	357	7	21.9	-	332	5	22.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,360	11	25.8	5.4	566	12	26.5	5.5	745	11	25.1	5.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,226	10	22.7	2.3	424	9	23.6	2.6	763	11	22.3	2.5
Alg 1, Alg 2, Geom, & Trig	991	8	21.1	0.7	350	7	21.7	0.7	606	9	20.7	0.9
Alg 1, Alg 2, Geom, & Other Adv Math	1,055	9	21.5	1.1	368	8	22.2	1.2	664	10	21.2	1.4
Other comb of 4 or more years of Math	3,812	32	25.2	4.8	1,757	36	26.0	5.0	1,974	30	24.4	4.6
Alg 1, Alg 2, & Geom (Min. Core)	1,061	9	19.0	-1.4	385	8	19.4	-1.6	653	10	18.6	-1.2
Other comb of 3 or 3.5 years of Math	623	5	23.1	2.7	265	5	24.0	3.0	346	5	22.4	2.6
Less than 3 years of Math	913	8	20.4	-	342	7	21.0	-	523	8	19.8	-
No Math course/grade information reported	910	8	23.2	-	401	8	23.7	-	373	6	21.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,548	13	24.2	1.0	642	13	24.1	0.8	866	13	24.2	1.2
Other comb of 4 or more years Social Science	3,701	31	23.6	0.4	1,443	30	23.6	0.3	2,178	33	23.6	0.6
US Hist, World Hist, & Am Gov (Min. Core)	1,097	9	23.5	0.3	465	10	23.8	0.5	600	9	23.3	0.3
Other comb of 3 or 3.5 years of Social Science	2,350	20	24.1	0.9	933	19	24.0	0.7	1,356	20	24.2	1.2
Less than 3 years of Social Science	2,370	20	23.2	-	992	20	23.3	-	1,288	19	23.0	-
No Soc Sci course/grade information reported	885	7	23.6	-	383	8	23.3	-	359	5	23.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	4,601	38	23.4	3.0	2,055	42	24.1	3.4	2,423	36	22.8	2.6
Bio, Chem, Phys	1,070	9	24.3	3.9	455	9	25.1	4.4	580	9	23.6	3.4
Gen Sci ² , Bio, Chem (Min. Core)	2,969	25	21.4	1.0	910	19	21.9	1.2	1,977	30	21.2	1.0
Other comb of 3 years of Natural Science	548	5	22.1	1.7	303	6	22.6	1.9	237	4	21.5	1.3
Less than 3 years of Natural Science	1,867	16	20.4	-	742	15	20.7	-	1,068	16	20.2	-
No Nat Sci course/grade information reported	896	7	22.2	-	393	8	22.6	-	362	5	21.1	-

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	2,520	21	22.6	81	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	7,695	64	22.8	81	949,721	67	20.5	68
Less than 4 years of English	914	8	21.9	77	112,496	8	18.8	56
No English course/grade information reported	822	7	22.6	80	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,360	11	25.8	81	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,226	10	22.7	62	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	991	8	21.1	46	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	1,055	9	21.5	49	204,909	14	20.4	38
Other comb of 4 or more years of Math	3,812	32	25.2	75	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	1,061	9	19.0	24	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	623	5	23.1	61	70,951	5	20.8	41
Less than 3 years of Math	913	8	20.4	38	131,252	9	17.4	14
No Math course/grade information reported	910	8	23.2	63	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,548	13	24.2	71	42,546	3	22.7	61
Other comb of 4 or more years Social Science	3,701	31	23.6	68	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	1,097	9	23.5	67	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	2,350	20	24.1	70	404,731	28	21.3	52
Less than 3 years of Social Science	2,370	20	23.2	64	185,561	13	20.4	45
No Soc Sci course/grade information reported	885	7	23.6	66	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	4,601	38	23.4	50	453,654	32	22.2	38
Bio, Chem, Phys	1,070	9	24.3	57	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	2,969	25	21.4	30	435,183	31	20.1	20
Other comb of 3 years of Natural Science	548	5	22.1	36	40,179	3	20.1	22
Less than 3 years of Natural Science	1,867	16	20.4	25	259,142	18	18.7	13
No Nat Sci course/grade information reported	896	7	22.2	37	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	83	1	20.3	2	1	18.0	71	1	20.2
Architecture & Environmental Design	224	2	22.5	5	3	15.0	203	2	22.6
Business & Management	1,215	10	22.2	17	9	18.8	1,123	11	22.2
Business & Office	73	1	19.6	5	3	14.6	59	1	20.0
Marketing & Distribution	111	1	21.4	4	2	17.3	98	1	21.8
Communications & Comm. Technologies	333	3	22.8	2	1	14.5	310	3	22.9
Community & Personal Services	130	1	19.7	8	4	14.3	110	1	20.2
Computer & Information Sciences	221	2	23.9	8	4	18.8	197	2	24.0
Cross-Disciplinary Studies	39	0	24.9	0	0	.	32	0	25.0
Education	398	3	21.4	5	3	15.0	369	4	21.6
Teacher Education	210	2	20.7	3	2	12.7	201	2	20.9
Engineering	503	4	25.4	4	2	13.8	479	5	25.5
Engineering-Related Technologies	306	3	23.9	4	2	17.8	278	3	24.2
Foreign Languages	118	1	24.5	2	1	22.5	111	1	24.5
Health Sciences & Allied Health Fields	1,670	14	22.2	29	16	18.2	1,555	16	22.3
Human, Family & Consumer Science	63	1	20.4	2	1	20.0	53	1	20.7
Letters	103	1	25.9	1	1	23.0	94	1	26.2
Mathematics	88	1	26.0	0	0	.	82	1	26.1
Philosophy, Religion & Theology	75	1	23.9	0	0	.	72	1	23.9
Sciences (Biological & Physical)	822	7	25.2	4	2	16.3	760	8	25.3
Social Sciences	786	7	23.7	7	4	22.0	739	7	23.7
Trade & Industrial	55	0	20.2	10	5	18.0	40	0	21.2
Visual & Performing Arts	551	5	22.5	18	10	18.2	475	5	22.9
Undecided	1,897	16	23.4	30	16	17.2	1,628	16	23.4
No Response	1,877	16	23.5	13	7	15.8	742	8	24.6

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	31	18.2	1	16.0	1	19.0	20	18.0	4	13.5	2	25.5	3	21.0
2-yr College Degree	152	17.3	10	16.1	2	11.5	80	18.2	25	15.7	12	17.3	23	16.9
Bachelors Degree	3,803	21.6	124	16.5	32	19.8	2,712	22.1	191	17.7	275	21.0	469	22.1
Graduate Study	2,834	24.2	89	19.4	22	21.7	1,890	24.6	126	20.7	251	24.3	456	24.7
Prof. Level Degree	3,244	24.4	148	19.2	34	21.4	1,831	25.1	221	19.9	460	24.5	550	25.1
Other	168	20.0	11	16.9	4	14.8	98	21.0	17	18.3	15	20.2	23	19.1
No Response	1,719	23.1	73	16.2	11	18.1	833	23.6	88	17.4	138	22.9	576	24.3

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 WASHINGTON	Washington	3,395	1,637	1,758	1	4	14	28	30	20	3
WASHINGTON STATE UNIVERSITY	Washington	2,511	739	1,772	1	5	21	34	27	11	1
WESTERN WASHINGTON UNIVERSITY	Washington	1,905	404	1,501	1	5	19	36	28	11	1
CENTRAL WASHINGTON UNIVERSITY	Washington	1,170	327	843	2	11	30	35	16	6	0
EASTERN WASHINGTON UNIVERSITY	Washington	1,033	268	765	2	11	31	33	18	5	0
GONZAGA UNIVERSITY	Washington	715	168	547	0	3	17	30	31	17	2
SEATTLE UNIVERSITY	Washington	669	109	560	1	7	20	31	25	16	1
BRIGHAM YOUNG UNIVERSITY	Utah	660	454	206	0	1	11	30	34	21	2
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	613	202	411	0	2	15	33	31	17	1
SEATTLE PACIFIC UNIVERSITY	Washington	550	118	432	2	6	19	35	24	13	1
PACIFIC LUTHERAN UNIVERSITY	Washington	400	85	315	2	8	24	32	21	13	1
UNIVERSITY OF PORTLAND	Oregon	364	56	308	0	1	7	31	38	21	2
UNIVERSITY OF OREGON	Oregon	359	56	303	1	4	16	36	30	12	1
WHITWORTH UNIVERSITY	Washington	325	69	256	1	4	16	30	29	19	2
OREGON STATE UNIVERSITY	Oregon	286	29	257	1	3	14	40	32	9	0
UNIVERSITY OF PUGET SOUND	Washington	281	41	240	1	6	18	28	26	19	2
STANFORD UNIVERSITY	California	276	71	205	0	0	4	16	30	34	16
UNIVERSITY OF IDAHO	Idaho	272	71	201	0	6	22	40	24	8	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	232	52	180	1	4	12	21	37	22	3
WHITMAN COLLEGE	Washington	225	60	165	0	1	6	18	38	32	4
NCAA ELIGIBILITY CENTER	Indiana	213	95	118	1	5	26	33	23	11	1
UNIVERSITY OF WASHINGTON TACOMA	Washington	186	37	149	3	12	30	32	15	8	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	177	28	149	0	5	14	28	32	19	3
EVERGREEN STATE COLLEGE THE	Washington	172	52	120	1	5	27	31	25	10	1
SANTA CLARA UNIVERSITY	California	172	33	139	0	1	3	21	39	33	4
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	159	21	138	0	3	13	31	34	17	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	159	21	138	1	1	3	19	31	37	8
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	134	32	102	0	2	9	38	37	13	1
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	125	23	102	1	5	20	35	27	12	0
ART INSTITUTE OF SEATTLE THE	Washington	122	39	83	2	10	25	39	18	6	0
All Other Institutions		8,771	2,153	6,618	1	5	17	25	28	19	4
Total		26,631	7,550	19,081	1	5	18	29	28	16	3

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	State	National
All Students	9,072	770,529	23.1	21.4	8.0	7.3	22.8	20.9
African Am./Black	346	86,049	17.4	16.6	6.9	6.5	17.6	16.6
Am. Indian/Alaska Native	82	5,148	18.7	18.9	7.5	6.7	19.1	18.5
Caucasian Am./White	5,438	464,177	23.7	22.5	8.0	7.4	23.3	21.8
Hispanic	530	71,060	18.0	18.3	7.4	7.1	18.5	18.5
Asian Am./Pacific Islander	1,004	37,359	22.9	23.1	8.1	7.9	22.7	22.6
Other/No Response	1,672	106,736	24.3	22.2	8.1	7.5	23.7	21.7
Males	3,541	327,613	22.7	20.9	7.7	7.0	22.2	20.2
Females	5,179	421,968	23.3	21.7	8.1	7.6	23.0	21.3
Missing	352	20,948	24.9	23.9	8.3	7.9	24.4	23.2

