

# ACT Profile Report - State

Graduating Class 2009  
District of Columbia





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

This report focuses on:

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

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

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

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

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

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

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

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

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

Total Students in Report: 1,548

**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

21% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 1,548 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 74% 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 2% of the cohort took less than three years of math courses. Of these students, 18% were college ready. 9% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 5% of these students were college ready. In comparison, 38% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 7% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 24% 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 61% 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.

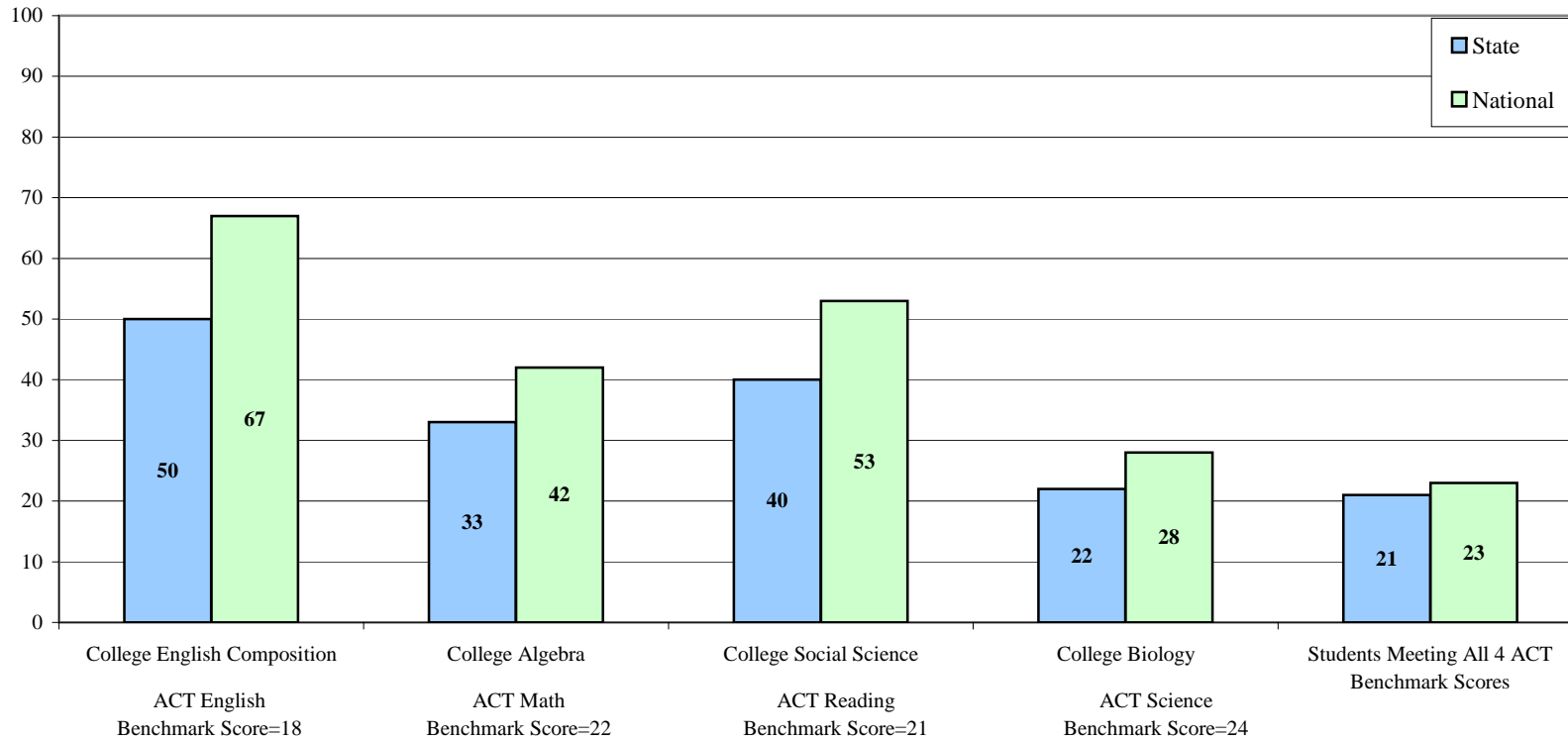
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 518-869-7378.

# Section I

## Executive Summary

Total Students in Report: 1,548

**Figure 1.1. Percent of Your Students Ready for College-Level Coursework**



**A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.**



Total Students in Report: 1,548

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	1,018	1,186,251	42	68	23	41	32	51	14	26	12	21
2006	1,077	1,206,455	45	69	26	42	34	53	16	27	14	21
2007	1,193	1,300,599	48	69	28	43	38	53	18	28	16	23
2008	1,503	1,421,941	48	68	31	43	39	53	21	28	18	22
<b>2009</b>	<b>1,548</b>	<b>1,480,469</b>	<b>50</b>	<b>67</b>	<b>33</b>	<b>42</b>	<b>40</b>	<b>53</b>	<b>22</b>	<b>28</b>	<b>21</b>	<b>23</b>

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

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	1,018	1,186,251	17.2	20.4	18.0	20.7	18.5	21.3	17.8	20.9	18.0	20.9
2006	1,077	1,206,455	17.7	20.6	18.4	20.8	18.9	21.4	18.0	20.9	18.4	21.1
2007	1,193	1,300,599	18.1	20.7	18.8	21.0	19.2	21.5	18.3	21.0	18.7	21.2
2008	1,503	1,421,941	18.6	20.6	19.2	21.0	19.6	21.4	18.6	20.8	19.1	21.1
<b>2009</b>	<b>1,548</b>	<b>1,480,469</b>	<b>19.1</b>	<b>20.6</b>	<b>19.5</b>	<b>21.0</b>	<b>19.7</b>	<b>21.4</b>	<b>18.6</b>	<b>20.9</b>	<b>19.4</b>	<b>21.1</b>

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

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

Total Students in Report: 1,548

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	465	319	46	31	18.1	16.2	18.4	17.2	19.2	17.6	18.3	17.0	18.6	17.1
2006	440	319	41	30	18.0	17.4	18.6	18.0	19.4	18.3	18.3	17.5	18.7	17.9
2007	433	357	36	30	18.5	18.1	18.9	18.6	19.4	19.5	18.6	18.2	19.0	18.8
2008	831	358	55	24	19.2	18.7	19.5	19.6	20.0	19.6	18.9	18.8	19.5	19.3
<b>2009</b>	<b>1,144</b>	<b>310</b>	<b>74</b>	<b>20</b>	<b>19.6</b>	<b>19.0</b>	<b>19.8</b>	<b>19.6</b>	<b>20.1</b>	<b>19.7</b>	<b>18.8</b>	<b>18.9</b>	<b>19.7</b>	<b>19.4</b>

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

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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>1,018</b>	<b>100</b>	<b>18.0</b>	<b>1,077</b>	<b>100</b>	<b>18.4</b>	<b>1,193</b>	<b>100</b>	<b>18.7</b>	<b>1,503</b>	<b>100</b>	<b>19.1</b>	<b>1,548</b>	<b>100</b>	<b>19.4</b>
African American/Black	645	63	15.9	660	61	15.7	672	56	15.9	849	56	15.9	895	58	15.7
American Indian/Alaska Native	4	0	16.8	4	0	17.3	4	0	19.3	3	0	19.0	5	0	16.6
Caucasian American/White	166	16	24.6	185	17	25.1	201	17	25.1	318	21	26.1	381	25	26.2
Hispanic	56	6	16.8	55	5	18.5	60	5	19.3	64	4	18.5	73	5	19.5
Asian American/Pacific Islander	23	2	22.0	23	2	21.2	26	2	20.5	22	1	22.8	25	2	24.3
Other/No Response	124	12	19.9	150	14	21.3	230	19	21.2	247	16	21.3	169	11	22.7

# Section II

# Academic Achievement

Total Students in Report: 1,548

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	11	100	4	100	19	100	3	100	0	100	36
35	40	99	14	100	6	99	7	100	4	100	35
34	41	97	14	99	32	98	11	99	17	100	34
33	29	94	32	98	46	96	11	99	22	99	33
32	29	92	26	96	36	93	15	98	37	97	32
31	29	90	29	94	52	91	19	97	26	95	31
30	37	88	13	92	46	88	19	96	52	93	30
29	36	86	42	91	28	85	28	95	35	90	29
28	48	84	44	89	39	83	30	93	49	88	28
27	38	81	39	86	30	80	30	91	48	84	27
26	47	78	60	83	30	78	52	89	51	81	26
25	36	75	34	80	29	76	75	85	45	78	25
24	39	73	68	77	56	75	39	81	42	75	24
23	51	70	49	73	60	71	57	78	44	72	23
22	45	67	46	70	43	67	60	74	54	70	22
21	52	64	47	67	72	64	67	71	60	66	21
20	64	61	41	64	59	60	98	66	51	62	20
19	51	57	49	61	73	56	112	60	57	59	19
18	47	53	53	58	62	51	109	53	72	55	18
17	71	50	105	55	65	47	84	46	95	51	17
16	71	46	225	48	121	43	100	40	121	44	16
15	97	41	199	33	74	35	88	34	115	37	15
14	84	35	180	20	103	30	89	28	139	29	14
13	73	29	73	9	105	24	87	22	133	20	13
12	73	25	39	4	105	17	70	17	97	12	12
11	60	20	14	1	75	10	62	12	46	5	11
10	89	16	6	1	40	5	42	8	22	2	10
9	68	10	1	1	20	3	35	5	7	1	9
8	50	6	1	1	10	1	20	3	6	1	8
7	27	3	0	1	5	1	6	2	1	1	7
6	7	1	0	1	2	1	18	1	0	1	6
5	6	1	0	1	4	1	2	1	0	1	5
4	0	1	1	1	0	1	0	1	0	1	4
3	1	1	0	1	0	1	0	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
<b>Avg (SD)</b>	19.1 (8.0)		19.5 (6.1)		19.7 (7.3)		18.6 (6.2)		19.4 (6.5)		<b>Avg (SD)</b>

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 1,548

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	106	100	37	100	57	100	92	100	61	100	19	100	13	100	18
17	75	93	29	98	72	96	44	94	106	96	22	99	18	99	17
16	69	88	106	96	89	92	137	91	56	89	54	97	74	98	16
15	78	84	107	89	76	86	88	82	69	86	52	94	71	93	15
14	53	79	82	82	52	81	79	77	63	81	113	91	82	89	14
13	52	75	69	77	46	78	45	72	77	77	71	83	102	83	13
12	68	72	107	72	81	75	95	69	103	72	107	79	56	77	12
11	76	68	68	65	86	69	103	63	73	65	107	72	114	73	11
10	96	63	139	61	119	64	80	56	84	61	230	65	150	66	10
9	96	57	129	52	126	56	119	51	80	55	196	50	134	56	9
8	111	50	136	44	190	48	133	43	170	50	185	37	173	47	8
7	128	43	173	35	182	36	117	34	274	39	135	25	143	36	7
6	155	35	79	24	149	24	130	27	193	21	44	17	124	27	6
5	122	25	94	19	108	14	136	18	78	9	97	14	97	19	5
4	126	17	117	12	33	7	94	10	43	4	50	7	87	13	4
3	95	9	56	5	42	5	40	4	10	1	40	4	65	7	3
2	38	3	18	1	30	3	14	1	7	1	12	2	22	3	2
1	4	1	2	1	10	1	2	1	1	1	14	1	23	1	1
Avg (SD)	9.4 (4.8)		9.7 (4.2)		9.6 (4.2)		10.1 (4.5)		9.9 (4.1)		9.6 (3.5)		9.1 (3.9)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	24	25	23	24
Q2 (50th Percentile)	17	17	18	18	17
Q1 (25th Percentile)	13	15	14	14	14

Total Students in Report: 1,548

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>1,548</b>	<b>74</b>	<b>19.7</b>	<b>19.4</b>
	African American/Black	895	74	15.9	15.6
	American Indian/Alaska Native	5	40	18.0	.
	Caucasian American/White	381	75	26.5	26.3
	Hispanic	73	78	19.5	19.3
	Asian American/Pacific Islander	25	84	24.6	22.8
	Other/No Response	169	70	23.4	22.1
National	<b>All Students</b>	<b>1,480,469</b>	<b>70</b>	<b>22.0</b>	<b>19.1</b>
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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

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

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	19.1	19.5	19.7	18.6	19.4
	African American/Black	14.8	16.1	15.9	15.4	15.7
	American Indian/Alaska Native	14.4	16.2	17.2	17.8	16.6
	Caucasian American/White	27.1	25.8	26.9	24.3	26.2
	Hispanic	19.1	20.1	19.8	18.6	19.5
	Asian American/Pacific Islander	24.8	25.2	23.8	22.8	24.3
	Other/No Response	23.0	22.3	23.0	21.6	22.7
National	<b>All Students</b>	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 1,548

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	121	8	64	4	103	7	32	2
	28 to 32	179	12	154	10	201	13	111	7
	24 to 27	160	10	201	13	145	9	196	13
	20 to 23	212	14	183	12	234	15	282	18
	16 to 19	240	16	432	28	321	21	405	26
	13 to 15	254	16	452	29	282	18	264	17
	01 to 12	382	25	62	4	262	17	258	17
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	650	42	20.1	21.2	20.8	19.9	20.6
	Females	891	58	18.3	18.3	18.8	17.6	18.4
	Missing	7	0	24.9	25.0	25.1	24.6	25.0
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	57	45	48	30	29
	Females	45	24	34	15	14
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 1,548

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>3</sup>	Avg
State	Core or More <sup>2</sup>	1,144	53	19.6	35	19.8	42	20.1	23	18.8	22	19.7
	Less than Core	310	49	19.0	34	19.6	41	19.7	24	18.9	23	19.4
	Missing	94	18	13.0	7	15.9	16	15.4	4	15.1	4	15.0
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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

<sup>2</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>3</sup>Composite CRB% results reflect students who meet all four subject-area benchmarks.

**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	1,421	52	19.5	1,431	35	19.8	1,241	40	19.8	1,357	24	19.0
	Less than Core	38	34	15.7	26	15	17.3	217	50	21.1	98	6	16.5
	Missing	89	19	13.0	91	8	15.9	90	17	15.5	93	4	15.1
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

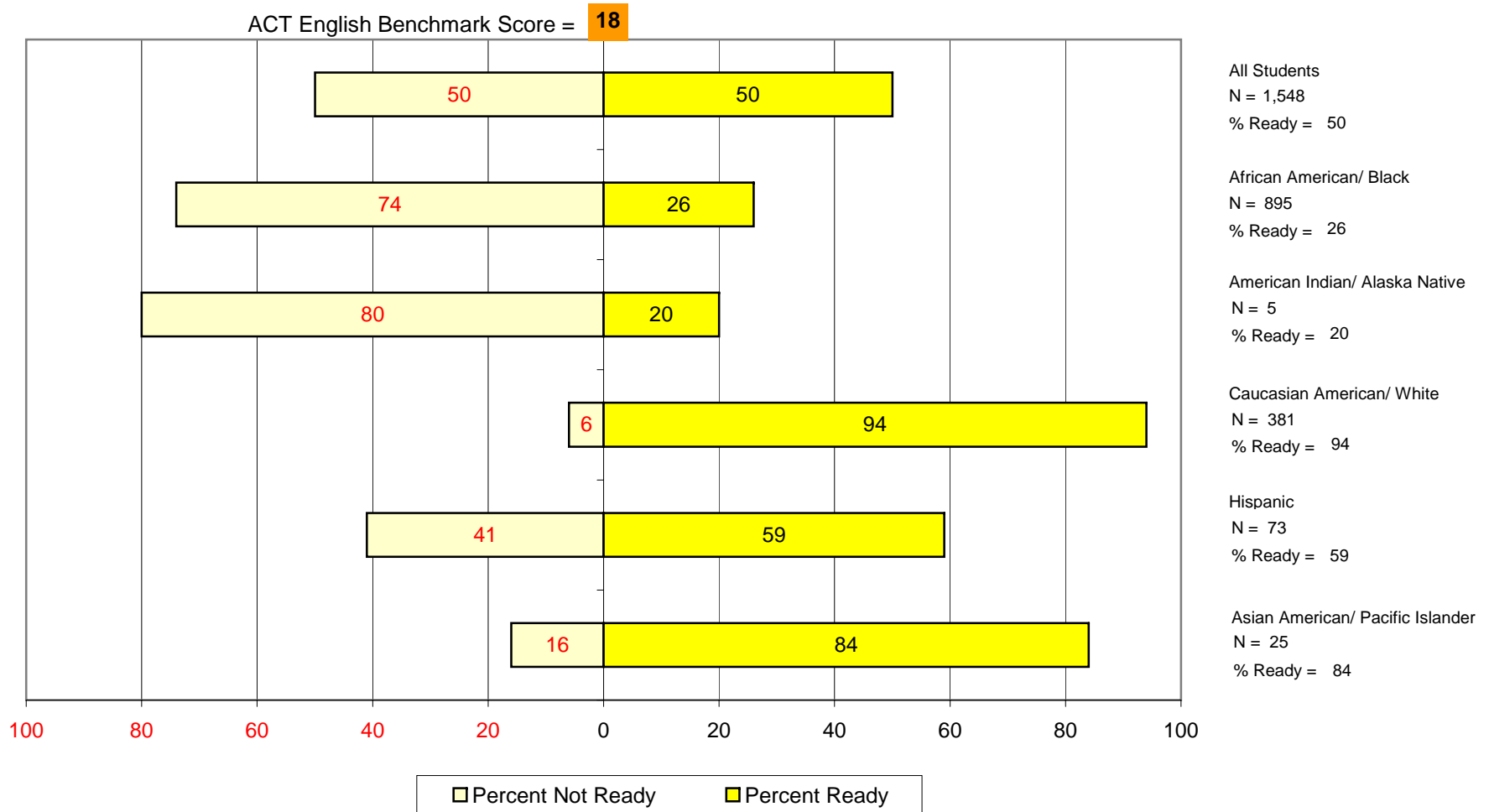
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.



# Section III

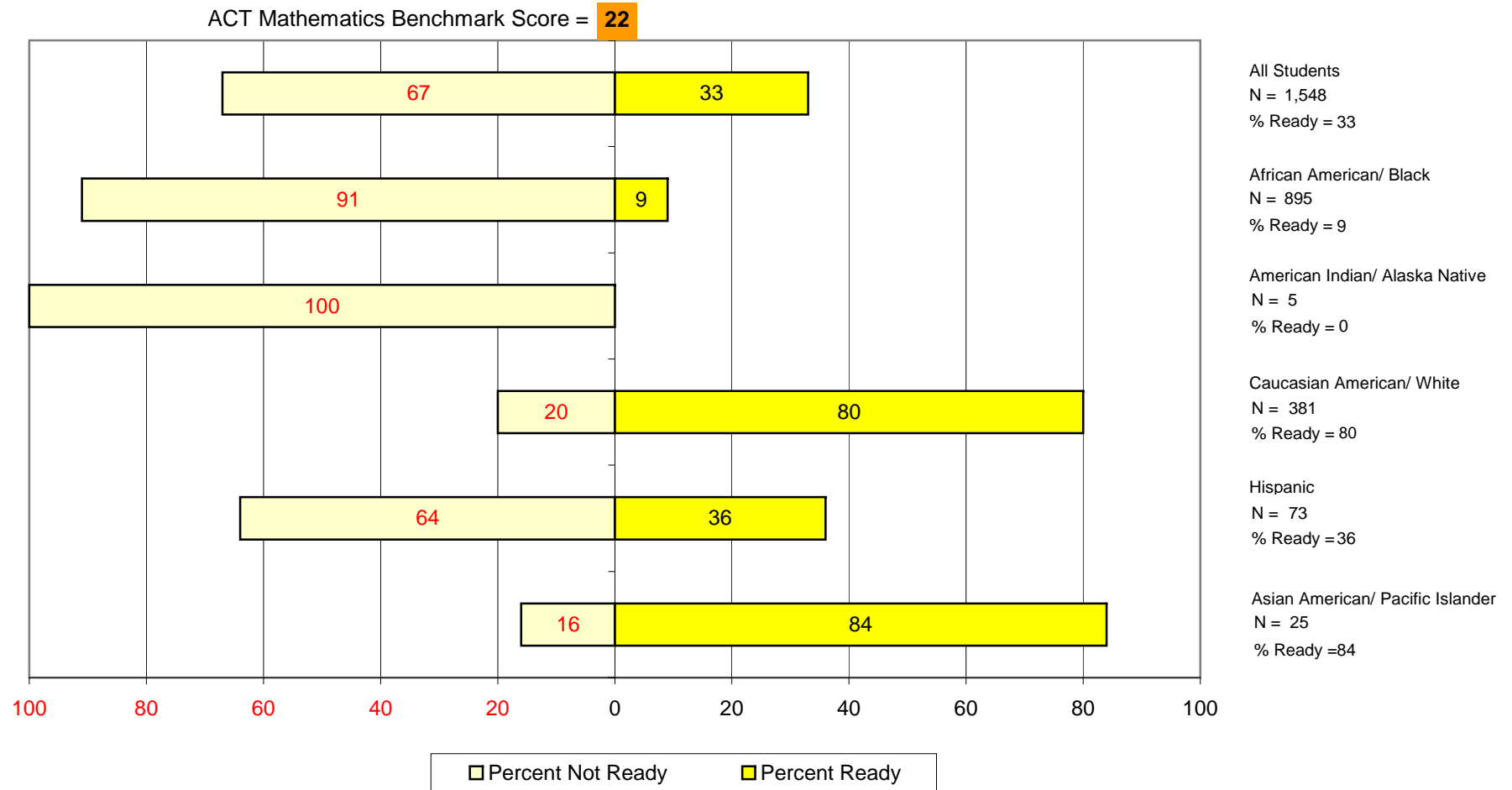
## College Readiness and the Impact of Course Rigor

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



Total Students in Report: 1,548

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



Total Students in Report: 1,548

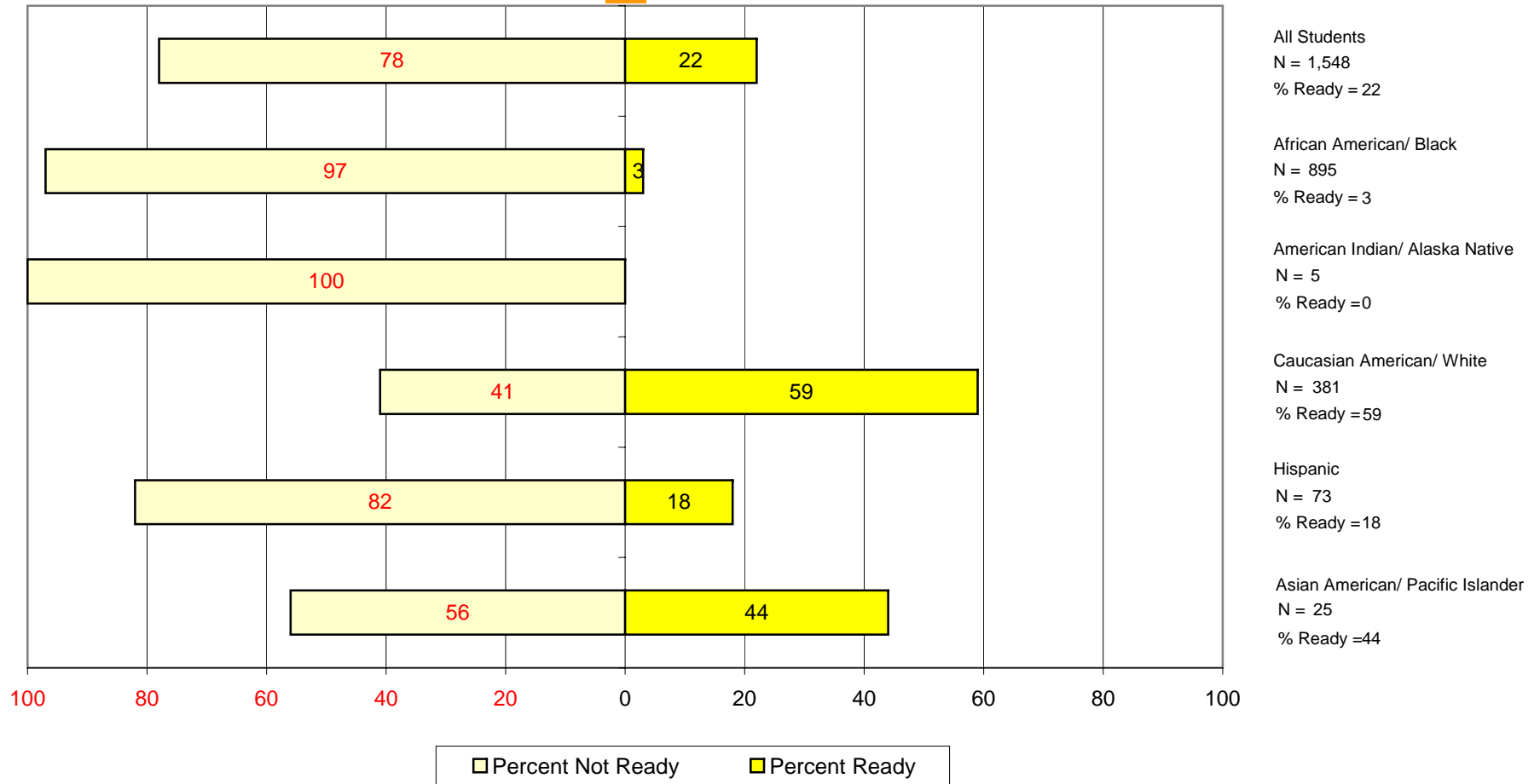
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 1,548

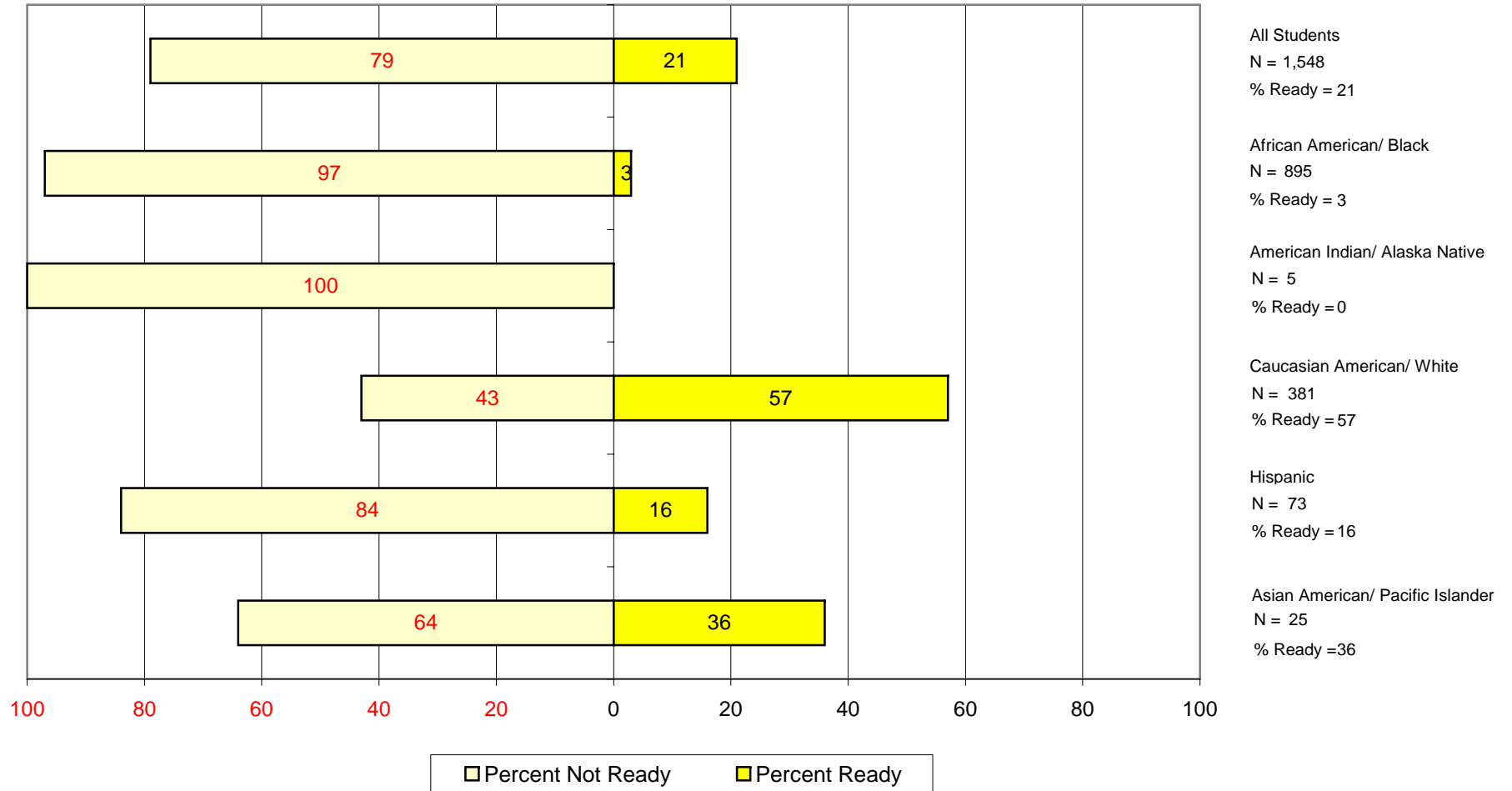
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 1,548

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



Total Students in Report: 1,548

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	424	27	21.2	5.3	187	29	21.8	5.6	234	26	20.7	5.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	997	64	18.9	3.0	410	63	20.1	3.9	584	66	17.9	2.2
Less than 4 years of English	39	3	15.9	-	15	2	16.2	-	24	3	15.7	-
No English course/grade information reported	88	6	12.9	-	38	6	12.5	-	49	5	12.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	132	9	21.4	3.8	60	9	23.0	3.0	71	8	20.0	3.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	182	12	20.1	2.5	74	11	22.1	2.1	108	12	18.6	2.4
Alg 1, Alg 2, Geom, & Trig	203	13	16.8	-0.8	69	11	17.8	-2.2	134	15	16.2	0.0
Alg 1, Alg 2, Geom, & Other Adv Math	154	10	18.4	0.8	51	8	18.7	-1.3	103	12	18.2	2.0
Other comb of 4 or more years of Math	552	36	22.3	4.7	278	43	23.6	3.6	270	30	20.9	4.7
Alg 1, Alg 2, & Geom (Min. Core)	132	9	15.3	-2.3	45	7	15.5	-4.5	87	10	15.2	-1.0
Other comb of 3 or 3.5 years of Math	76	5	16.9	-0.7	25	4	18.9	-1.1	50	6	15.7	-0.5
Less than 3 years of Math	28	2	17.6	-	10	2	20.0	-	18	2	16.2	-
No Math course/grade information reported	89	6	15.8	-	38	6	16.3	-	50	6	15.2	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	178	11	21.9	0.8	109	17	23.1	0.7	68	8	20.1	-0.2
Other comb of 4 or more years Social Science	538	35	20.2	-0.9	230	35	21.3	-1.1	306	34	19.4	-0.9
US Hist, World Hist, & Am Gov (Min. Core)	100	6	16.1	-5.0	30	5	15.2	-7.2	70	8	16.5	-3.8
Other comb of 3 or 3.5 years of Social Science	425	27	19.1	-2.0	159	24	20.1	-2.3	263	30	18.4	-1.9
Less than 3 years of Social Science	218	14	21.1	-	84	13	22.4	-	134	15	20.3	-
No Soc Sci course/grade information reported	89	6	15.3	-	38	6	15.2	-	50	6	15.1	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	753	49	19.4	2.9	320	49	20.3	1.6	428	48	18.6	3.2
Bio, Chem, Phys	272	18	21.0	4.5	153	24	22.2	3.5	119	13	19.5	4.1
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	300	19	16.0	-0.5	92	14	17.0	-1.7	207	23	15.6	0.2
Other comb of 3 years of Natural Science	32	2	19.4	2.9	12	2	19.0	0.3	20	2	19.7	4.3
Less than 3 years of Natural Science	101	7	16.5	-	33	5	18.7	-	68	8	15.4	-
No Nat Sci course/grade information reported	90	6	15.0	-	40	6	15.4	-	49	5	14.5	-

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

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 1,548

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	424	27	21.2	63	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	997	64	18.9	47	1,029,431	70	20.6	68
Less than 4 years of English	39	3	15.9	36	74,090	5	16.7	42
No English course/grade information reported	88	6	12.9	18	38,830	3	16.1	37
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	132	9	21.4	46	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	182	12	20.1	39	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	203	13	16.8	15	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	154	10	18.4	27	220,868	15	20.1	36
Other comb of 4 or more years of Math	552	36	22.3	51	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	132	9	15.3	5	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	76	5	16.9	14	70,732	5	20.1	35
Less than 3 years of Math	28	2	17.6	18	105,591	7	16.5	7
No Math course/grade information reported	89	6	15.8	7	40,565	3	17.7	18
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	178	11	21.9	60	46,754	3	22.8	61
Other comb of 4 or more years Social Science	538	35	20.2	42	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	100	6	16.1	18	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	425	27	19.1	35	420,236	28	21.3	52
Less than 3 years of Social Science	218	14	21.1	50	152,775	10	19.7	40
No Soc Sci course/grade information reported	89	6	15.3	16	40,525	3	17.5	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	753	49	19.4	25	563,824	38	22.2	39
Bio, Chem, Phys	272	18	21.0	37	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	300	19	16.0	8	459,833	31	20.1	21
Other comb of 3 years of Natural Science	32	2	19.4	38	41,353	3	19.8	21
Less than 3 years of Natural Science	101	7	16.5	7	233,215	16	18.4	11
No Nat Sci course/grade information reported	90	6	15.0	3	40,713	3	17.7	11

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



# Section IV

## Career and Educational Aspirations

Total Students in Report: 1,548

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	8	1	17.3	0	0	.	8	1	17.3
Architecture & Environmental Design	23	1	20.5	0	0	.	19	2	20.2
Business & Management	235	15	18.7	2	10	14.5	195	17	19.1
Business & Office	11	1	18.2	0	0	.	9	1	19.2
Marketing & Distribution	22	1	16.9	1	5	13.0	20	2	16.9
Communications & Comm. Technologies	71	5	17.5	1	5	19.0	61	5	17.5
Community & Personal Services	28	2	15.5	0	0	.	26	2	15.5
Computer & Information Sciences	33	2	15.8	0	0	.	25	2	15.9
Cross-Disciplinary Studies	17	1	22.8	0	0	.	13	1	23.4
Education	25	2	16.9	2	10	13.5	21	2	17.3
Teacher Education	18	1	15.1	3	14	12.3	12	1	16.1
Engineering	50	3	21.5	0	0	.	42	4	21.6
Engineering-Related Technologies	39	3	20.9	1	5	14.0	34	3	21.4
Foreign Languages	11	1	22.2	0	0	.	8	1	22.5
Health Sciences & Allied Health Fields	144	9	17.6	4	19	13.8	119	10	18.3
Human, Family & Consumer Science	12	1	15.5	0	0	.	10	1	15.6
Letters	19	1	23.3	0	0	.	16	1	23.3
Mathematics	19	1	22.7	0	0	.	15	1	22.1
Philosophy, Religion & Theology	8	1	19.0	0	0	.	7	1	20.1
Sciences (Biological & Physical)	111	7	22.2	2	10	15.0	94	8	22.0
Social Sciences	181	12	21.1	0	0	.	148	13	21.0
Trade & Industrial	4	0	17.8	0	0	.	3	0	19.0
Visual & Performing Arts	85	5	17.3	1	5	12.0	76	7	17.4
Undecided	228	15	22.7	2	10	13.5	166	14	22.3
No Response	146	9	15.1	2	10	11.5	12	1	18.5

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

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

Total Students in Report: 1,548

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2	12.0	2	12.0	0	.	0	.	0	.	0	.	0	.
2-yr College Degree	19	13.8	16	13.3	0	.	1	18.0	0	.	0	.	2	15.5
Bachelors Degree	375	17.0	258	15.1	1	16.0	73	23.5	14	14.7	4	21.0	25	19.2
Graduate Study	306	21.7	123	16.3	1	12.0	131	26.3	13	23.2	7	24.6	31	22.4
Prof. Level Degree	478	20.8	278	17.3	2	18.0	108	27.7	28	21.6	13	25.5	49	24.0
Other	32	15.5	24	13.4	0	.	2	24.5	1	12.0	0	.	5	22.8
No Response	336	18.5	194	14.4	1	19.0	66	26.5	17	17.8	1	21.0	57	23.4

Total Students in Report: 1,548

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges							
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36	
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	69	25	44	6	22	39	10	9	12	3	
HOWARD UNIVERSITY	District of Columbia	67	29	38	16	40	33	9	1	0	0	
CLARK ATLANTA UNIVERSITY	Georgia	63	21	42	11	48	33	8	0	0	0	
DELAWARE STATE UNIVERSITY	Delaware	58	16	42	16	52	29	3	0	0	0	
MORGAN STATE UNIVERSITY	Maryland	58	12	46	22	47	29	2	0	0	0	
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	49	15	34	18	39	33	10	0	0	0	
BOWIE STATE UNIVERSITY	Maryland	48	14	34	19	35	42	4	0	0	0	
VIRGINIA STATE UNIVERSITY	Virginia	48	13	35	17	58	23	2	0	0	0	
GEORGETOWN UNIVERSITY	District of Columbia	42	13	29	10	24	24	17	5	14	7	
HAMPTON UNIVERSITY	Virginia	41	10	31	5	34	44	10	7	0	0	
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	41	15	26	7	32	39	15	7	0	0	
NORFOLK STATE UNIVERSITY	Virginia	40	9	31	18	48	25	10	0	0	0	
UNIVERSITY OF MARYLAND EASTERN SHORE	Maryland	39	7	32	26	38	36	0	0	0	0	
FLORIDA A&M UNIVERSITY	Florida	32	8	24	19	22	47	13	0	0	0	
GEORGE MASON UNIVERSITY	Virginia	30	6	24	10	37	30	17	7	0	0	
TEMPLE UNIVERSITY	Pennsylvania	30	10	20	0	30	57	13	0	0	0	
SPELMAN COLLEGE	Georgia	27	11	16	11	15	44	19	7	4	0	
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	25	9	16	12	52	32	4	0	0	0	
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	24	6	18	4	8	54	21	4	4	4	
NCAA ELIGIBILITY CENTER	Indiana	23	12	11	17	30	30	17	0	4	0	
GEORGE WASHINGTON UNIVERSITY THE	District of Columbia	22	2	20	5	27	50	14	5	0	0	
UNIV OF VIRGINIA-MAIN CAMPUS	Virginia	21	6	15	5	10	14	14	24	29	5	
NEW YORK UNIVERSITY	New York	20	5	15	5	15	50	15	15	0	0	
TOWSON UNIVERSITY	Maryland	20	1	19	10	45	25	10	0	10	0	
GALLAUDET UNIVERSITY	District of Columbia	19	16	3	42	32	26	0	0	0	0	
JOHNSON C SMITH UNIVERSITY	North Carolina	19	2	17	11	42	37	11	0	0	0	
WINSTON-SALEM STATE UNIVERSITY	North Carolina	17	4	13	24	24	47	6	0	0	0	
AMERICAN UNIVERSITY	District of Columbia	16	4	12	6	38	31	19	6	0	0	
COPPIN STATE UNIVERSITY	Maryland	16	4	12	31	56	13	0	0	0	0	
LINCOLN UNIVERSITY	Pennsylvania	16	6	10	19	50	25	6	0	0	0	
All Other Institutions		1,172	301	871	11	22	27	16	12	11	2	
<b>Total</b>		<b>2,212</b>	<b>612</b>	<b>1,600</b>	<b>12</b>	<b>29</b>	<b>30</b>	<b>13</b>	<b>8</b>	<b>7</b>	<b>1</b>	

# Section V

# Optional Writing Test Results

Total Students in Report: 1,548

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing**

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>1,165</b>	<b>814,713</b>	<b>20.5</b>	<b>21.5</b>	<b>7.0</b>	<b>7.2</b>	<b>20.0</b>	<b>20.8</b>
African American/Black	605	96,225	15.5	16.5	6.3	6.4	15.7	16.5
American Indian/Alaska Native	3	5,489	16.0	18.9	6.0	6.7	15.7	18.5
Caucasian American/White	333	497,164	27.9	22.8	8.0	7.3	26.3	21.9
Hispanic	63	85,681	19.3	18.4	7.7	7.0	19.7	18.4
Asian American/Pacific Islander	22	44,716	25.0	23.5	7.5	7.6	23.7	22.8
Other/No Response	139	85,438	24.5	21.4	7.5	7.2	23.4	20.8
Males	487	357,025	21.7	21.1	7.0	6.9	20.8	20.3
Females	672	455,190	19.6	21.7	7.1	7.4	19.4	21.2
Missing	6	2,498	27.2	22.1	8.7	7.2	26.3	21.3



