

ACT Profile Report - District

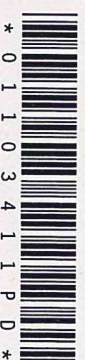
Kentucky State Testing 2013-2014
Grade 11 Tested Students
SPENCER COUNTY



187360
District Assessment Coordinator
SPENCER COUNTY
207 W MAIN ST

TAYLORSVILLE, KY 40071

The
ACT[®]



ACT, INC. -- CONFIDENTIAL

Table of Contents

Section I: Executive Summary

- Percent of Your Students Ready for College-Level Coursework
- Five Year Trends—Percent of Students Who Met College Readiness Benchmarks
- Five Year Trends—Average ACT Scores
- Five Year Trends—Average ACT Scores by Level of Preparation
- Five Year Trends—Percent and Average Composite Score by Race/Ethnicity
- Percent of Students in College Readiness Standards Score Ranges

Page 5

Section II: Academic Achievement

- ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values
- Average ACT Composite Scores for Race/Ethnicity by Level of Preparation
- Average ACT Scores by Race/Ethnicity
- Percent of Students in College Readiness Standards Score Ranges
- Average ACT Scores by Gender
- Percent of Students Who Met College Readiness Benchmark Scores by Gender
- College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum
- College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum

Page 11

Section III: College Readiness & Impact of Course Rigor

- Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity
- Average ACT Scores and Average ACT Score Changes by Common Course Patterns
- College Readiness Percents by Common Course Patterns

Page 17

Section IV: Career and Educational Aspirations

- Distribution of Planned Educational Majors for All Students by College Plans
- Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations
- Students' Score Report Preferences at Time of Testing

Page 25

Section V: Optional Writing Test Results

- Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

Page 29

This report provides information about the performance of your students who took the ACT as part of the Kentucky State Testing (Grade 11 Tested Students).

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.

Furthermore, 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 who met or exceeded 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

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, updated in August of 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

16% 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: 187 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. 35% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 6% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 26% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 2% of these students were college ready. In comparison, 32% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry 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 11% of the cohort took less than three years of natural science courses. 15% 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 70% 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.

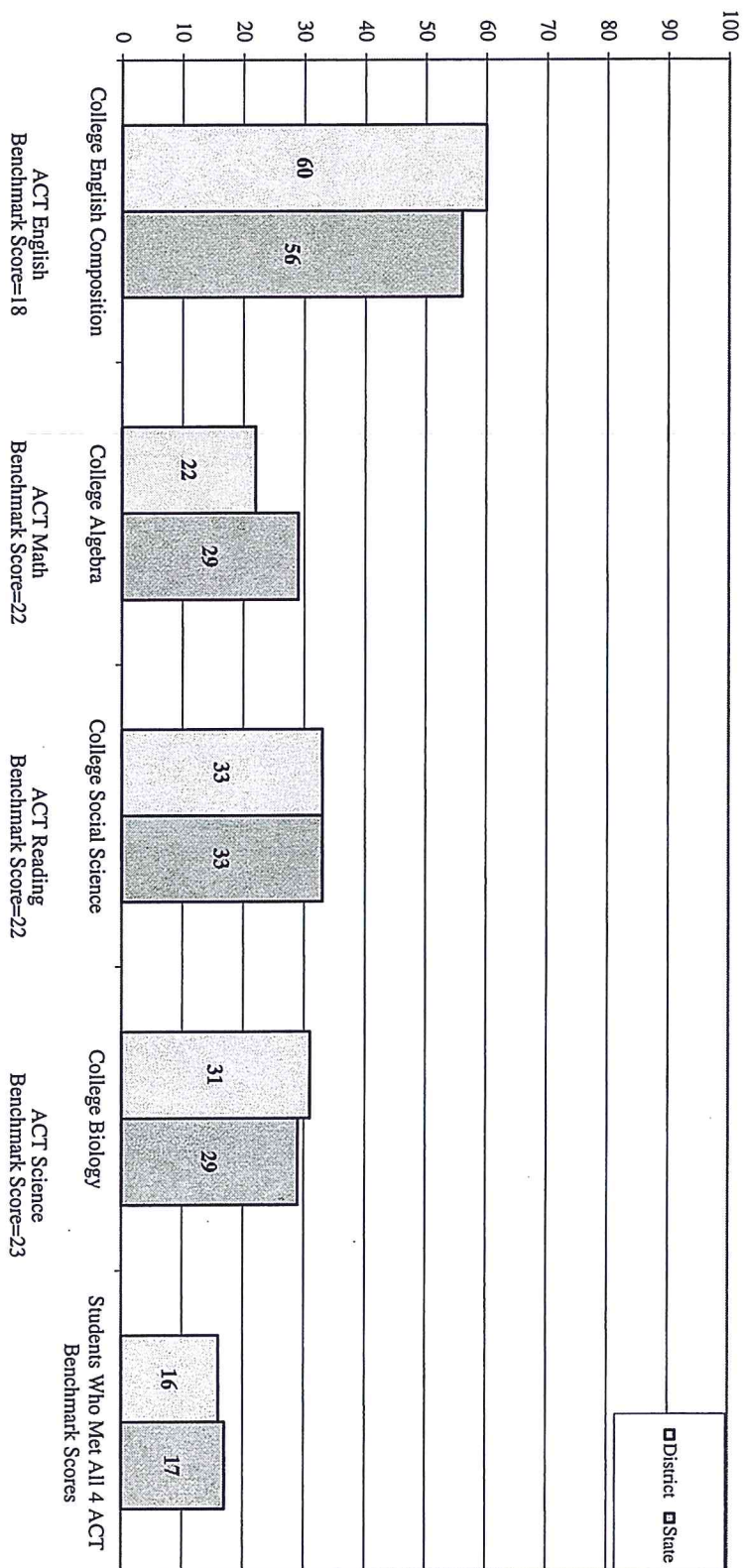
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1309 or customerservices@act.org.

Section I

Executive Summary

Beginning in August 2013, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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.

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	District	State	District	State	District	State	District	State	District	State	District	State
2009-2010	199	44,273	39	49	18	21	31	35	11	15	8	11
2010-2011	177	44,053	53	50	22	24	32	35	11	16	8	11
2011-2012	227	44,516	39	52	13	26	32	38	13	18	10	14
2012-2013	177	43,988	55	54	24	27	44	40	18	18	12	14
2013-2014	187	44,106	60	56	22	29	33	33	31	29	16	17

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		English		Mathematics		Average ACT Scores Reading		Science		Composite	
	District	State	District	State	District	State	District	State	District	State	District	State
2009-2010	199	44,273	16.7	17.8	17.4	18.3	18.2	18.9	17.6	18.7	17.6	18.5
2010-2011	177	44,053	18.4	18.0	18.4	18.5	18.8	19.0	18.7	19.0	18.7	18.8
2011-2012	227	44,516	16.8	18.4	17.2	18.8	18.2	19.0	18.1	19.1	17.8	19.0
2012-2013	177	43,988	18.4	18.4	18.6	18.9	20.0	19.4	19.6	19.5	19.2	19.2
2013-2014	187	44,106	18.7	18.7	18.6	19.2	19.2	19.6	19.9	19.6	19.2	19.4

Table 1.3. Five Year Trends—Average ACT Scores Statewide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009-2010	44,273	17.8	18.3	18.9	18.7	18.5
2010-2011	44,053	18.0	18.5	19.0	19.0	18.8
2011-2012	44,516	18.4	18.8	19.0	19.1	19.0
2012-2013	43,988	18.4	18.9	19.4	19.5	19.2
2013-2014	44,106	18.7	19.2	19.6	19.6	19.4

Kentucky State Testing 2013-2014
Grade 11 Tested Students
Total Students in Report: 187

Code: 187360
SPENCER COUNTY
TAYLORSVILLE, KY

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

Year	Number of Students Tested		Percent ²		English		Mathematics		Reading		Science		Composite	
	Core or More ¹	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	Core or More	Less than Core	Core or More	Less than Core
2009-2010	73	126	37	63	18.4	15.7	18.2	17.0	19.9	17.2	19.1	16.8	19.1	16.8
2010-2011	100	75	56	42	19.8	16.6	19.3	17.3	19.9	17.5	19.8	17.4	19.8	17.3
2011-2012	110	117	48	52	18.3	15.4	18.0	16.5	19.5	17.1	18.9	17.3	18.8	16.8
2012-2013	81	94	46	53	19.7	17.3	19.1	18.2	21.5	18.8	20.6	18.9	20.3	18.4
2013-2014	66	101	35	54	20.9	18.2	20.5	17.8	21.2	18.6	22.1	19.2	21.3	18.6

¹Core 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.

²Percent 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

	2009-2010			2010-2011			2011-2012			2012-2013			2013-2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	199	100	17.6	177	100	18.7	227	100	17.8	177	100	19.2	187	100	19.2
Black/African American	2	1	14.0	3	2	14.0	7	3	15.9	4	2	16.0	1	1	16.0
American Indian/Alaska Native	2	1	19.5	1	1	16.0	1	0	19.0	1	1	24.0	0	0	.
White	179	90	17.7	153	86	18.9	196	86	17.7	149	84	19.1	15	8	15.3
Hispanic/Latino	1	1	13.0	7	4	17.4	3	1	20.7	8	5	19.9	0	0	.
Asian	1	1	25.0	1	1	28.0	2	1	18.5	0	0	.	0	0	.
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	1	0	14.0	0	0	.	0	0	.
Two or more races	1	1	17.0	7	4	18.3	9	4	19.1	6	3	21.7	1	1	13.0
Prefer not to respond/No response	13	7	16.5	5	3	16.8	8	4	18.0	9	5	19.2	170	91	19.7

Table 1.6. Percent of Students in College Readiness Standards Score Ranges

CRS Range	English (Benchmark = 18)				Mathematics (Benchmark = 22)				Reading (Benchmark = 22)				Science (Benchmark = 23)			
1-12																
13-15																
16-19																
20-23																
24-27																
28-32																
33-36																
% At or Above Benchmark																

= District

= State

This page intentionally left blank.

Section II

Academic Achievement

Beginning in August 2013, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Kentucky State Testing 2013-2014
Grade 11 Tested Students
Total Students in Report: 187

Code 187360
SPENCER COUNTY
TAYLORSVILLE, KY

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	1	100	0	100	3	100	0	100	0	100	36
35	0	99	0	100	0	98	0	100	0	100	35
34	2	99	0	100	1	98	0	100	0	100	34
33	2	98	0	100	1	98	0	100	0	100	33
32	0	97	2	100	3	97	2	100	4	100	32
31	2	97	0	99	2	96	3	99	0	98	31
30	5	96	0	99	1	95	2	97	3	98	30
29	0	94	0	99	3	94	3	96	2	96	29
28	4	94	0	99	1	93	1	95	3	96	28
27	0	91	2	97	3	92	2	94	2	95	27
26	4	91	10	96	7	90	4	93	3	94	26
25	2	89	3	91	4	87	12	91	6	91	25
24	10	88	9	89	9	84	13	84	13	88	24
23	12	83	9	84	6	80	16	78	6	81	23
22	12	76	3	80	18	76	17	69	10	78	22
21	15	70	12	78	9	67	11	60	14	72	21
20	13	62	4	72	12	62	12	54	16	65	20
19	10	55	14	70	10	56	18	48	13	56	19
18	18	50	16	62	13	50	6	38	21	49	18
17	2	40	28	53	11	43	11	35	12	38	17
16	10	39	39	39	21	37	17	29	18	32	16
15	17	34	14	18	5	26	15	20	10	22	15
14	12	25	8	10	19	24	5	12	15	17	14
13	8	18	8	6	6	13	7	9	10	9	13
12	4	14	1	2	9	10	3	5	2	3	12
11	10	12	2	1	3	5	6	4	2	2	11
10	7	6	0	1	4	4	1	1	2	1	10
9	1	3	0	1	1	2	0	1	0	1	9
8	2	2	0	1	0	1	0	1	0	1	8
7	1	1	0	1	1	1	0	1	0	1	7
6	0	1	0	1	1	1	0	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	1	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.7 (5.8)		18.6 (4.1)		19.2 (5.8)		19.9 (4.8)		19.2 (4.7)		Avg (SD)

¹CP 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.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subscore Averages

		English				Reading				Mathematics				ACT Scale Score	
ACT Scale Score	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	3	100	5	100	3	100	5	100	0	100	1	100	0	100	18
17	2	98	1	97	4	98	3	97	0	100	0	99	0	100	17
16	4	97	6	97	2	96	6	96	4	100	1	99	2	100	16
15	4	95	3	94	8	95	11	93	9	98	2	99	1	99	15
14	12	93	5	92	8	91	8	87	6	93	7	98	10	98	14
13	2	87	9	89	16	87	7	82	7	90	7	94	10	93	13
12	14	86	21	84	19	78	11	79	13	86	9	90	27	88	12
11	17	78	20	73	12	68	14	73	17	79	24	86	12	73	11
10	32	69	23	63	29	61	14	65	26	70	48	73	35	67	10
9	16	52	24	50	23	46	15	58	16	56	23	47	30	48	9
8	23	43	24	37	13	34	29	50	36	48	21	35	30	32	8
7	11	31	17	25	26	27	16	34	30	28	19	24	16	16	7
6	17	25	9	16	14	13	22	26	12	12	16	13	0	7	6
5	12	16	10	11	6	5	13	14	4	6	0	5	7	7	5
4	11	10	7	5	3	2	8	7	5	4	4	4	0	4	4
3	4	4	2	2	0	1	4	3	1	1	4	3	6	4	3
2	2	2	1	1	1	1	0	1	1	1	0	1	0	1	2
1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1
Avg (SD)	9.1 (3.5)		9.6 (3.3)		10.0 (3.2)		9.4 (3.8)		9.3 (2.9)		9.3 (2.6)		9.6 (2.6)		Avg (SD)

CP is the cumulative percent of students at or below a score point

¹CP 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)	22	21	22	23	22
Q2 (50th Percentile)	19	17	18	20	19
Q1 (25th Percentile)	15	16	15	16	16

Table 2.4. Average ACT Composite Scores by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score Core or More	Less Than Core
District	All Students	187	35	21.3	18.6
	Black/African American	1	0	.	.
	American Indian/Alaska Native	0	.	.	.
	White	15	47	15.0	15.4
	Hispanic/Latino	0	.	.	.
	Asian	0	.	.	.
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
State	Two or more races	1	0	.	13.0
	Prefer not/No Response	170	35	22.1	18.9
	All Students	44,106	55	20.4	18.3
	Black/African American	3,564	45	17.3	16.0
	American Indian/Alaska Native	196	43	18.1	16.5
	White	31,084	57	20.8	18.7
	Hispanic/Latino	1,763	51	19.1	17.1
State	Asian	543	58	23.8	19.4
	Native Hawaiian/Other Pac. Isl.	65	68	19.3	16.5
	Two or more races	1,522	54	20.2	18.6
	Prefer not/No Response	5,369	51	19.6	17.7

¹"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
District	All Students	18.7	18.6	19.2	19.9	19.2
	Black/African American	14.0	16.0	14.0	19.0	16.0
	American Indian/Alaska Native	.	.	.	.	.
	White	13.6	15.8	14.6	16.6	15.3
	Hispanic/Latino	.	.	.	.	.
	Asian	.	.	.	.	.
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
State	Two or more races	13.0	12.0	11.0	17.0	13.0
	Prefer not/No Response	19.2	18.9	19.7	20.2	19.7
	All Students	18.7	19.2	19.6	19.6	19.4
	Black/African American	15.1	16.9	16.3	17.0	16.5
	American Indian/Alaska Native	15.7	17.5	17.2	17.3	17.1
	White	19.4	19.6	20.1	20.1	19.9
	Hispanic/Latino	16.8	18.2	18.4	18.4	18.1
State	Asian	20.6	22.6	21.0	21.6	21.6
	Native Hawaiian/Other Pac. Isl.	17.0	18.6	18.4	19.2	18.4
	Two or more races	18.8	19.2	19.6	19.6	19.5
	Prefer not/No Response	17.8	18.5	18.8	18.9	18.6

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	%
District	33 to 36	5	3	0	0	5	3	0	0
	28 to 32	11	6	5	3	10	5	11	6
	24 to 27	16	9	24	13	23	12	31	17
	20 to 23	52	28	28	15	45	24	56	30
	16 to 19	40	21	97	52	55	29	52	28
	13 to 15	37	20	30	16	30	16	27	14
State	01 to 12	26	14	3	2	19	10	10	5
	33 to 36	1,113	3	459	1	1,417	3	417	1
	28 to 32	3,090	7	1,881	4	3,732	8	2,074	5
	24 to 27	5,391	12	6,234	14	5,204	12	6,308	14
	20 to 23	10,427	24	7,929	18	10,516	24	13,562	31
	16 to 19	8,763	20	18,325	42	11,043	25	11,624	26
State	13 to 15	7,555	17	8,865	20	8,228	19	6,891	16
	01 to 12	7,767	18	413	1	3,966	9	3,230	7

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
District	Males	88	47	18.3	18.6	19.1	20.1	19.2
	Females	87	47	19.5	18.5	19.6	19.9	19.5
	Missing	12	6	16.3	18.3	17.0	18.8	17.8
State	Males	22,233	50	17.9	19.3	19.1	19.6	19.1
	Females	21,706	49	19.6	19.1	20.0	19.7	19.8
	Missing	167	0	15.7	17.2	17.0	17.7	17.1

Table 2.8. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				
		English	Mathematics	Reading	Science	Met All Four
District	Males	53	19	28	32	17
	Females	67	23	38	31	16
State	Males	50	30	31	29	18
	Females	62	28	36	29	17

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
District	Core or More ²	66	74	20.9	41	20.5	48	21.2	53	22.1	30	21.3
	Less than Core	101	56	18.2	12	17.8	28	18.6	22	19.2	9	18.6
	Missing ³	20	30	14.3	10	15.8	10	15.6	5	16.3	5	15.5
State	Core or More	24,116	64	19.9	36	20.0	40	20.6	35	20.5	22	20.4
	Less than Core	15,805	47	17.4	20	18.2	25	18.4	21	18.6	11	18.3
	Missing	4,185	44	17.1	20	18.0	26	18.2	21	18.4	12	18.0

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "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.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who met 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 ¹	English		Mathematics		Reading		Science	
		N	CRB %	N	CRB %	N	CRB %	N	CRB %
District	Core or More ²	144	63	164	23	73	49	155	35
	Less than Core	32	53	11	9	94	26	20	15
	Missing ³	11	36	12	17	20	10	12	8
State	Core or More	35,616	60	38,682	30	29,626	37	34,193	32
	Less than Core	4,779	36	1,623	6	10,512	27	5,951	14
	Missing	3,711	46	3,801	21	3,968	26	3,962	21

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

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.

³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

Beginning in August 2013, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

ACT Reading Benchmark Score = 22

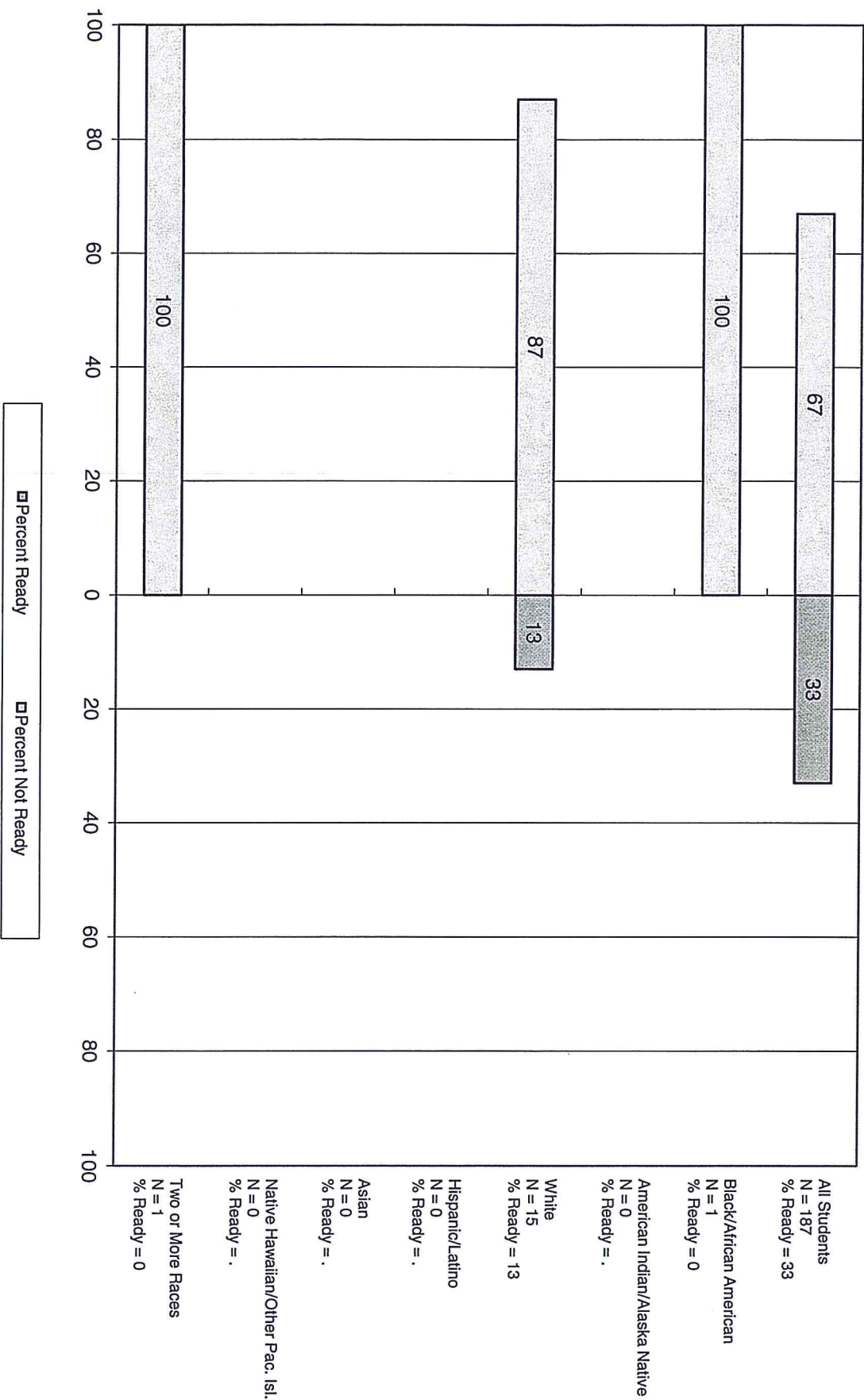


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

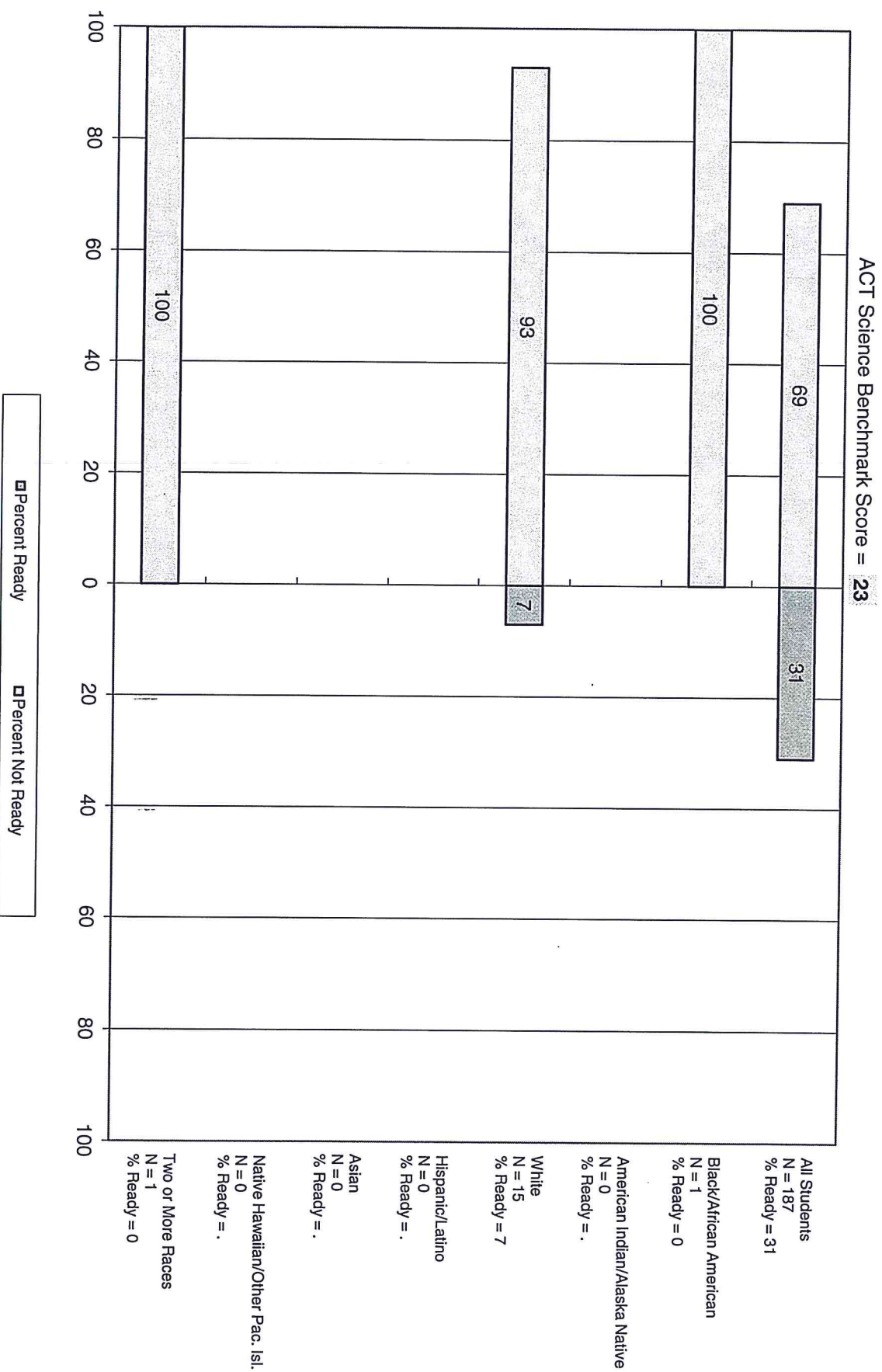


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

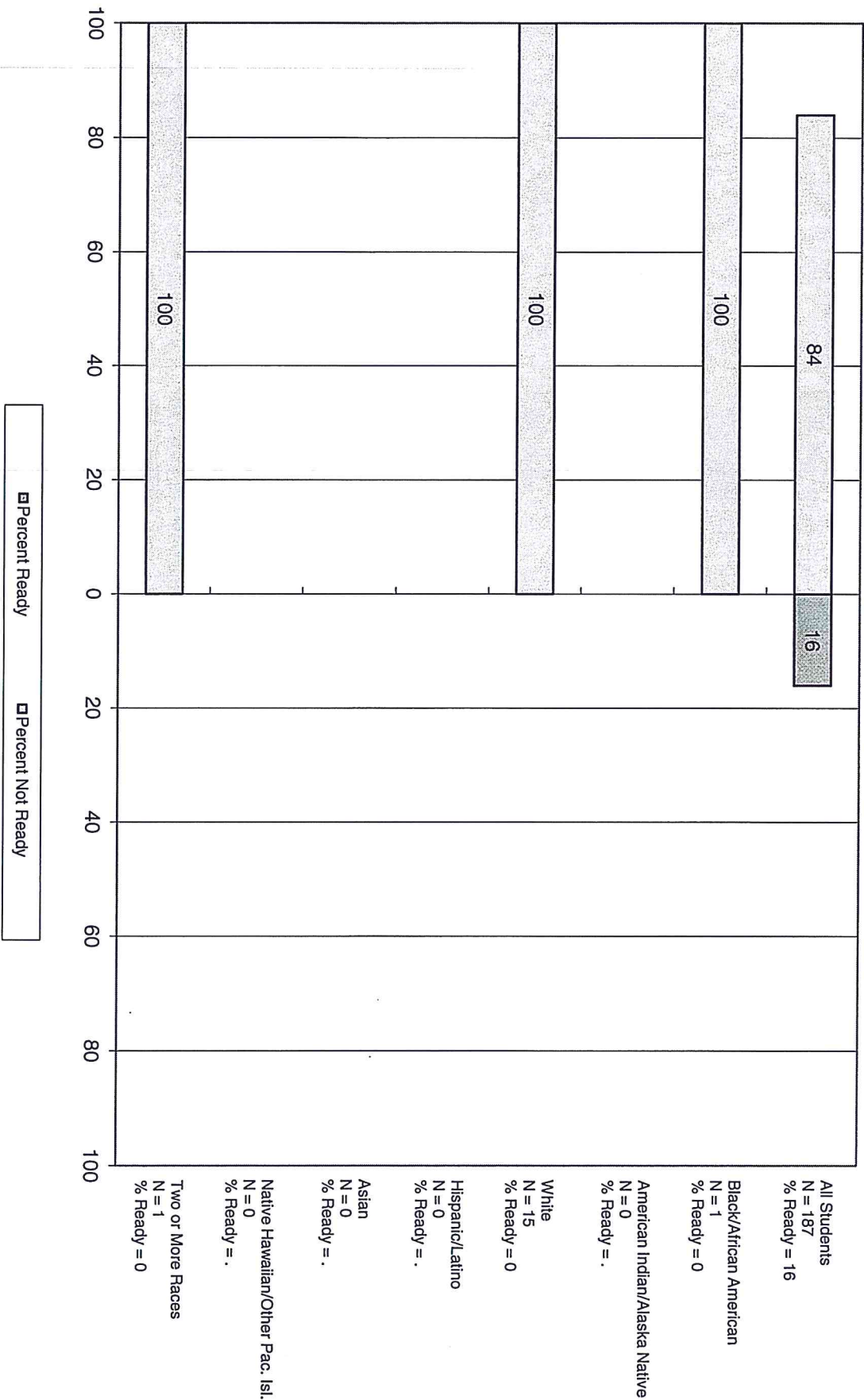


Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added 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	7	4	20.3	3.5	3	3	20.0	2.7	4	5	20.5	4.0
Eng 9, Eng 10, Eng 11, Eng 12	137	73	19.4	2.6	65	74	18.8	1.5	62	71	20.5	4.0
Less than 4 years of English	32	17	16.8	-	15	17	17.3	-	16	18	16.5	-
Zero years / no English courses reported	11	6	14.5	-	5	6	14.6	-	5	6	15.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	8	4	22.0	4.9	5	6	22.6	4.0	2	2	20.5	4.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4	2	17.3	0.2	3	3	17.3	-1.3	1	1	17.0	1.4
Alg 1, Alg 2, Geom, & Trig	11	6	16.6	-0.5	6	7	16.8	-1.8	5	6	16.4	0.8
Alg 1, Alg 2, Geom, & Other Adv Math	37	20	18.6	1.5	13	15	18.2	-0.4	22	25	18.6	3.0
Other comb of 4 or more years of Math	36	19	22.9	5.8	14	16	24.0	5.4	21	24	22.3	6.7
Alg 1, Alg 2, & Geom	48	26	16.4	-0.7	26	30	16.2	-2.4	20	23	16.7	1.1
Other comb of 3 or 3.5 years of Math	20	11	18.3	1.2	11	13	18.5	-0.1	5	6	17.4	1.8
Less than 3 years of Math	11	6	17.1	-	5	6	18.6	-	5	6	15.6	-
Zero years / no Math courses reported	12	6	16.1	-	5	6	17.0	-	6	7	15.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	4	2	29.0	10.4	3	3	28.7	9.9	1	1	30.0	11.4
Other comb of 4 or more years Social Science	18	10	20.3	1.7	10	11	20.7	1.9	7	8	21.3	2.7
US Hist, World Hist, & Am Gov	21	11	22.2	3.6	7	8	22.1	3.3	12	14	22.3	3.7
Other comb of 3 or 3.5 years of Social Science	30	16	19.4	0.8	17	19	18.4	-0.4	12	14	21.2	2.6
Less than 3 years of Social Science	94	50	18.6	-	40	45	18.8	-	47	54	18.6	-
Zero years / no Social Science courses reported	20	11	15.6	-	11	13	15.5	-	8	9	16.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	65	35	20.6	4.0	38	43	20.8	3.4	23	26	19.9	3.5
Bio, Chem, Phys	1	1	17.0	0.4	0	0	-	-	1	1	17.0	0.6
Gen Sci ² , Bio, Chem	85	45	20.8	4.2	33	38	20.6	3.2	49	56	21.0	4.6
Other comb of 3 years of Natural Science	4	2	16.5	-0.1	2	2	17.5	0.1	1	1	15.0	-1.4
Less than 3 years of Natural Science	20	11	16.6	-	10	11	17.4	-	7	8	16.4	-
Zero years / no Natural Science courses reported	12	6	16.4	-	5	6	17.2	-	6	7	15.8	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	District			State		
	ENGLISH COURSE PATTERN	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	Percent Taking Pattern	Avg ACT English
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	N	4	20.3	43	9	21.0
Eng 9, Eng 10, Eng 11, Eng 12	137	73	19.4	64	72	19.1
Less than 4 years of English	32	17	16.8	53	11	15.9
Zero years / no English courses reported	11	6	14.5	36	8	17.3
MATHMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	Percent Taking Pattern	Avg ACT Math
Alg 1, Alg 2, Geom, Trig, & Calc	8	4	22.0	63	4	21.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4	2	17.3	0	4	21.5
Alg 1, Alg 2, Geom, & Trig	11	6	16.6	0	6	18.2
Alg 1, Alg 2, Geom, & Other Adv Math	37	20	18.6	16	28	18.9
Other comb of 4 or more years of Math	36	19	22.9	61	21	22.3
Alg 1, Alg 2, & Geom	48	26	16.4	2	19	16.8
Other comb of 3 or 3.5 years of Math	20	11	18.3	20	6	18.4
Less than 3 years of Math	11	6	17.1	9	4	16.2
Zero years / no Math courses reported	12	6	16.1	17	9	18.1
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	Percent Taking Pattern	Avg ACT Reading
US Hist, World Hist, Am Gov, & Other Hist	4	2	29.0	100	2	19.8
Other comb of 4 or more years Social Science	18	10	20.3	39	24	20.4
US Hist, World Hist, & Am Gov	21	11	22.2	62	16	18.6
Other comb of 3 or 3.5 years of Social Science	30	16	19.4	40	24	20.7
Less than 3 years of Social Science	94	50	18.6	26	24	18.5
Zero years / no Social Science courses reported	20	11	15.6	10	9	18.2
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	Percent Taking Pattern	Avg ACT Science
Gen Sci, Bio, Chem, & Phys	65	35	20.6	40	27	20.5
Bio, Chem, Phys	1	1	17.0	0	7	21.8
Gen Sci, Bio, Chem	85	45	20.8	33	41	19.7
Other comb of 3 years of Natural Science	4	2	16.5	0	3	19.0
Less than 3 years of Natural Science	20	11	16.6	15	13	17.5
Zero years / no Natural Science courses reported	12	6	16.4	8	9	18.4

*Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Beginning in August 2013, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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

Planned Educational Major	N ¹	All Students		Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
		Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture & Natural Resources Conservation	7	4	22.3	0	0	.	6	6	22.5
Architecture	1	1	18.0	0	0	.	1	1	18.0
Area, Ethnic, & Multidisciplinary Studies	1	1	29.0	0	0	.	1	1	29.0
Arts: Visual & Performing	9	5	18.9	1	6	18.0	7	8	19.4
Business	5	3	20.2	1	6	25.0	4	4	19.0
Communications	5	3	21.6	0	0	.	3	3	20.3
Community, Family, & Personal Services	6	3	17.0	2	11	15.5	3	3	17.3
Computer Science & Mathematics	4	2	20.0	1	6	18.0	2	2	18.5
Education	6	3	23.7	0	0	.	5	5	24.2
Engineering	11	6	21.3	1	6	18.0	6	6	24.3
Engineering Technology & Drafting	4	2	18.5	1	6	15.0	2	2	22.5
English & Foreign Languages	2	1	24.0	0	0	.	2	2	24.0
Health Administration & Assisting	4	2	19.5	1	6	18.0	3	3	20.0
Health Sciences & Technologies	35	19	20.1	1	6	18.0	31	33	20.4
Philosophy, Religion, & Theology	0	0	.	0	0	.	0	0	.
Repair, Production, & Construction	6	3	15.8	4	22	16.5	0	0	.
Sciences: Biological & Physical	2	1	32.0	0	0	.	2	2	32.0
Social Sciences & Law	4	2	20.3	0	0	.	3	3	21.7
Undecided	3	2	14.3	0	0	.	2	2	14.0
No Response	69	37	17.7	4	22	16.0	8	9	18.0

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	8	16.1	0	.	0	.	2	14.0	0	.
2-yr College Degree	10	17.6	0	.	0	.	1	14.0	0	.
Bachelors Degree	50	20.2	0	.	0	.	3	16.7	0	.
Graduate Study	19	21.8	0	.	0	.	0	.	0	.
Prof. Level Degree	24	21.1	0	.	0	.	1	16.0	0	.
Other	3	17.0	0	.	0	.	0	.	0	.
No Response	73	18.0	1	16.0	0	.	8	15.1	0	.

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/Other Pacific Islander		Two or more races		Prefer not to respond/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	8	16.1	0	.	0	.	0	.	6	16.8
2-yr College Degree	10	17.6	0	.	0	.	0	.	9	18.0
Bachelors Degree	50	20.2	0	.	0	.	0	.	47	20.4
Graduate Study	19	21.8	0	.	0	.	0	.	19	21.8
Prof. Level Degree	24	21.1	0	.	0	.	1	13.0	22	21.7
Other	3	17.0	0	.	0	.	0	.	3	17.0
No Response	73	18.0	0	.	0	.	0	.	64	18.4

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

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges									
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36			
UNIVERSITY OF LOUISVILLE	Kentucky	78	34	44	1	5	33	36	21	4	0			
UNIVERSITY OF KENTUCKY	Kentucky	72	27	45	1	7	28	29	25	10	0			
WESTERN KENTUCKY UNIVERSITY	Kentucky	49	7	42	0	6	47	22	22	2	0			
BELLARMINE UNIVERSITY	Kentucky	31	12	19	0	13	19	42	19	6	0			
MURRAY STATE UNIVERSITY	Kentucky	25	5	20	0	8	40	32	12	8	0			
EASTERN KENTUCKY UNIVERSITY	Kentucky	24	7	17	0	13	33	25	21	8	0			
CAMPBELLVILLE UNIVERSITY	Kentucky	18	6	12	0	17	44	28	6	6	0			
MOREHEAD STATE UNIVERSITY	Kentucky	16	1	15	0	19	44	25	0	13	0			
JEFFERSON COMM & TECH COLL-DOWNTOWN	Kentucky	14	8	6	0	29	50	21	0	0	0			
GEORGETOWN COLLEGE	Kentucky	13	0	13	0	8	54	38	0	0	0			
MAYSVILLE COMM & TECH COLL-MOREHEAD	Kentucky	13	3	10	0	23	46	8	15	8	0			
STATE-NO COLLEGE PLANS	Iowa	13	13	0	15	38	31	15	0	0	0			
ASBURY UNIVERSITY	Kentucky	10	3	7	0	20	50	20	10	0	0			
NORTHERN KENTUCKY UNIVERSITY	Kentucky	10	1	9	0	10	40	20	30	0	0			
SPENCERIAN COLLEGE	Kentucky	10	4	6	0	60	20	20	0	0	0			
SPALDING UNIVERSITY	Kentucky	9	3	6	0	0	67	11	22	0	0			
JEFFERSON TECHNICAL COLLEGE	Kentucky	7	2	5	0	14	57	29	0	0	0			
SULLIVAN UNIVERSITY	Kentucky	7	2	5	0	57	14	29	0	0	0			
ITT TECHNICAL INSTITUTE-LEXINGTON	Kentucky	5	2	3	0	60	20	0	20	0	0			
PENNSYLVANIA UNIVERSITY	Kentucky	5	1	4	0	20	0	40	0	40	0			
WEST KENTUCKY COMM & TECHNICAL COLLEGE	Kentucky	5	1	4	0	40	60	0	0	0	0			
BEREA COLLEGE	Kentucky	4	3	1	0	50	25	25	0	0	0			
DUKE UNIVERSITY	North Carolina	4	0	4	0	0	25	25	0	50	0			
FLORIDA GULF COAST UNIVERSITY	Florida	4	0	4	0	0	0	50	25	25	0			
KENTUCKY CHRISTIAN UNIVERSITY	Kentucky	4	1	3	0	25	25	25	0	25	0			
LINDESEY WILSON COLLEGE	Kentucky	4	1	3	0	25	50	25	0	0	0			
MIDWAY COLLEGE	Kentucky	4	1	3	0	75	0	0	25	0	0			
UNIVERSITY OF PIKEVILLE	Kentucky	4	0	4	0	0	75	25	0	0	0			
VANDERBILT UNIVERSITY	Tennessee	4	1	3	0	0	0	25	25	50	0			
BOYCE COLLEGE	Kentucky	3	1	2	0	0	33	33	0	33	0			
All Other Institutions		100	25	75	2	18	29	24	14	13	0			
Total		569	175	394	1	15	34	27	15	8	0			

Section V Optional Writing Test Results

Beginning in August 2013, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Kentucky State Testing 2013-2014

Grade 11 Tested Students

Total Students in Report: 187

Code 187360

SPENCER COUNTY

TAYLORSVILLE, KY

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

	N		English		Average ACT Scores		English/Writing Combined	
	District	State	District	State	District	State	District	State
All Students	0	0	.	.	.	.	.	.
Black/African American	0	.	.	.	.	.	.	.
American Indian/Alaska Native	0	.	.	.	.	.	.	.
White	0	.	.	.	.	.	.	.
Hispanic/Latino	0	.	.	.	.	.	.	.
Asian	0	.	.	.	.	.	.	.
Native Hawaiian/Other Pac. Isl.	0	.	.	.	.	.	.	.
Two or more races	0	.	.	.	.	.	.	.
Prefer not/No Response	0	.	.	.	.	.	.	.
Males	0	.	.	.	.	.	.	.
Females	0	.	.	.	.	.	.	.
Missing	0	.	.	.	.	.	.	.

