

**Results of the American College Test (ACT)
the Scholastic Assessment Test (SAT)
and Advanced Placement (AP) Exams**

2013-14 School Year

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EXECUTIVE SUMMARY

This report presents results of college entrance exams taken by the Fairbanks North Star Borough School District's 2014 graduating class as well as Advanced Placement exams taken by district students during the 2013-14 school year.

Notable Facts:

More than half (516 students) of the 816 graduates in the class of 2014 took either the American College Test (ACT) or the Scholastic Assessment Test (SAT) at least once during their high school career (373 participated in the ACT while 405 participated in the SAT). Participation in college entrance exams varies from school to school; Ben Eielson had the highest participation rates for 2012 graduates (83%). Across the district, 305 students participated in 557 Advanced Placement (AP) exams during the 2013-14 school year.

What is Being Measured:

ACT and SAT scores are measures of college readiness. Achievement on these exams is one measure of how well college-bound students are prepared for higher learning in core academic areas. Because students self-select themselves for college entrance exams, none of these test results are based upon a representative sample of district students. Advanced Placement exams assess college-level knowledge in particular subject areas. Students who pass their AP exam with a score of 3 or higher may be eligible to receive college credit.

What the Results Show:

District students' average scores are higher than the average scores for state and national comparison groups in all subjects and tests, with the exception of SAT Writing and Math. In recent years, general trends show an increase in test-taking rates and a decrease in average scores for the SAT and ACT. Rates of graduates taking the ACT or SAT were different relative to grade point average, income (as determined by whether or not a student qualifies for the free or reduced price meal program), gender, and race/ethnicity. Test-taking rate gaps between non-low income and low income after controlling for GPA decreased significantly in 2010-11 to 2013-14 versus 2006-07 to 2009-2010. The 305 students who participated in 557 AP exams earned a score of 3 or higher on 69% of those exams.

INTRODUCTION

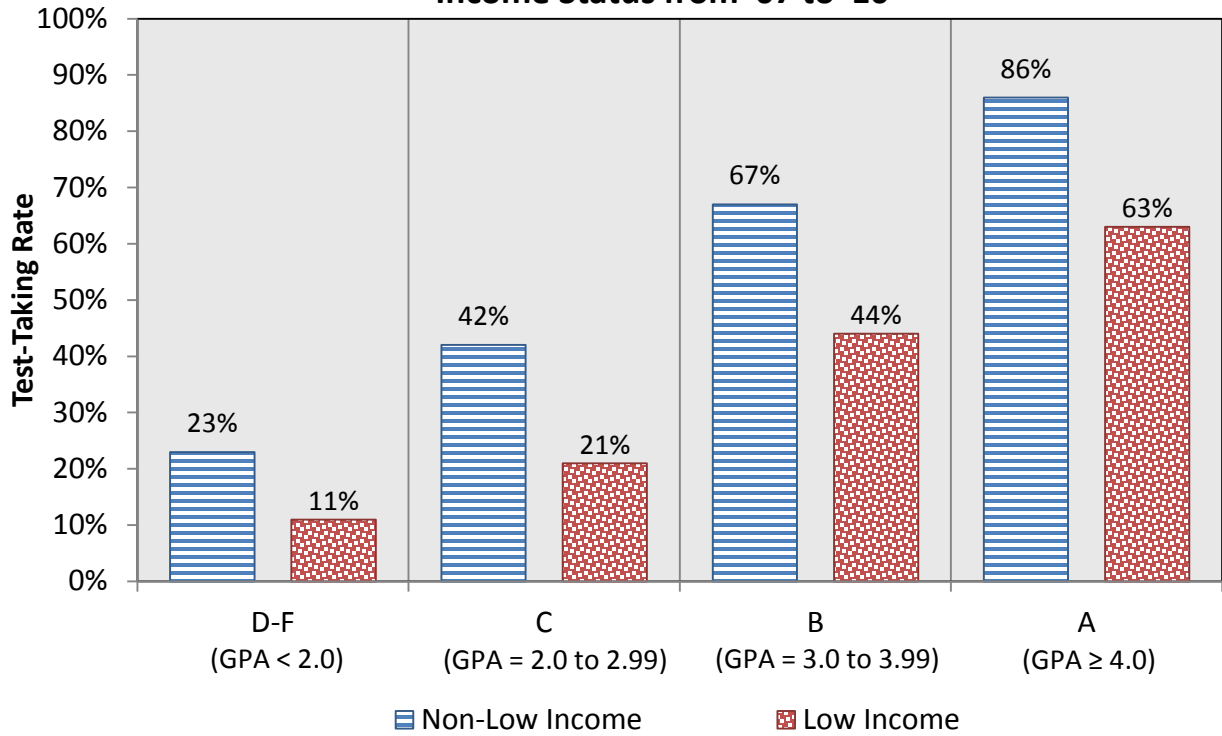
College-bound students nearing completion of high school often take college entrance examinations as part of the application process for post-secondary education. The two most widely used college entrance exams are the Scholastic Assessment Test (SAT) and the American College Test (ACT). This report presents results on each of these exams for the class of 2014, with comparative data from prior graduating classes.

Many colleges and universities offer credit for the successful completion of Advanced Placement (AP) exams taken while a student is in high school. The district offered a variety of AP courses last year at Ben Eielson, Fairbanks BEST, Hutchison, Lathrop, North Pole, and West Valley High School. Results from AP Exams taken by students in 2013-14 are included in this report, along with historical data. Additional longitudinal data by school, gender, and ethnicity can be found in the appendix.

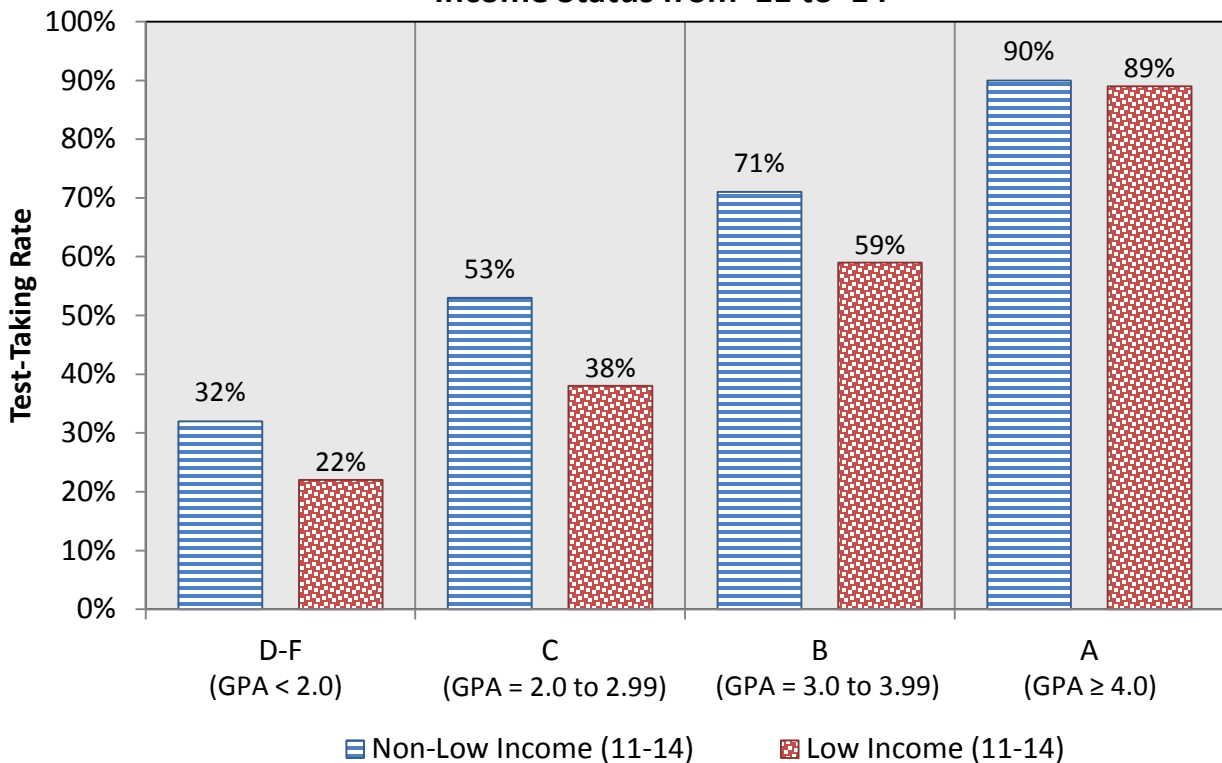
CHARACTERISTICS OF TEST-TAKERS

Of the 816 graduates in 2013-14, more than half (516 students) took either the ACT or the SAT at least once during their high school career (referred to as test-takers). However, the percentage of test-takers was different among graduates relative to gender, income, ethnicity, and grade point averages (GPAs). Among female graduates, 69% were test-takers, while 57% of male graduates were test-takers. Low income graduates had a test-taking rate of 43%, while non-low income graduates had a test-taking rate of 67%. Among graduates, test-taking rates for each race/ethnicity were: 66% of Caucasian, 46% of African American, 61% of Hispanic, 66% of Asian/Pacific Islander, 41% of Alaska Native/American Indian, and 74% of Two or More Races students. Graphs 1-2 exhibit test-taking rates over the four year time spans of 2006-07 to 2009-10 and 2010-11 to 2013-14 by income status and GPA groups (A = 4.0 to 5.0, B = 3.0 to 3.99, C = 2.0 to 2.99, D-F = 0.0 to 1.99). The test-taking gap between “similar GPA” low income and non-low income students in 2010-11 to 2013-14 was significantly smaller than the previous four years ('07 to '10). Further analysis investigated test-taking rates among racial/ethnic groups with similar income status and GPAs over four years (10-11 to 13-14). With the exception of Alaska Native/American Indian graduates, there were no statistically significant differences between racial/ethnic groups' rates of test-taking, when GPAs and income status were similar.

Graph 1: SAT/ACT Testing Rate by Grade Point Average and Income Status from '07 to '10



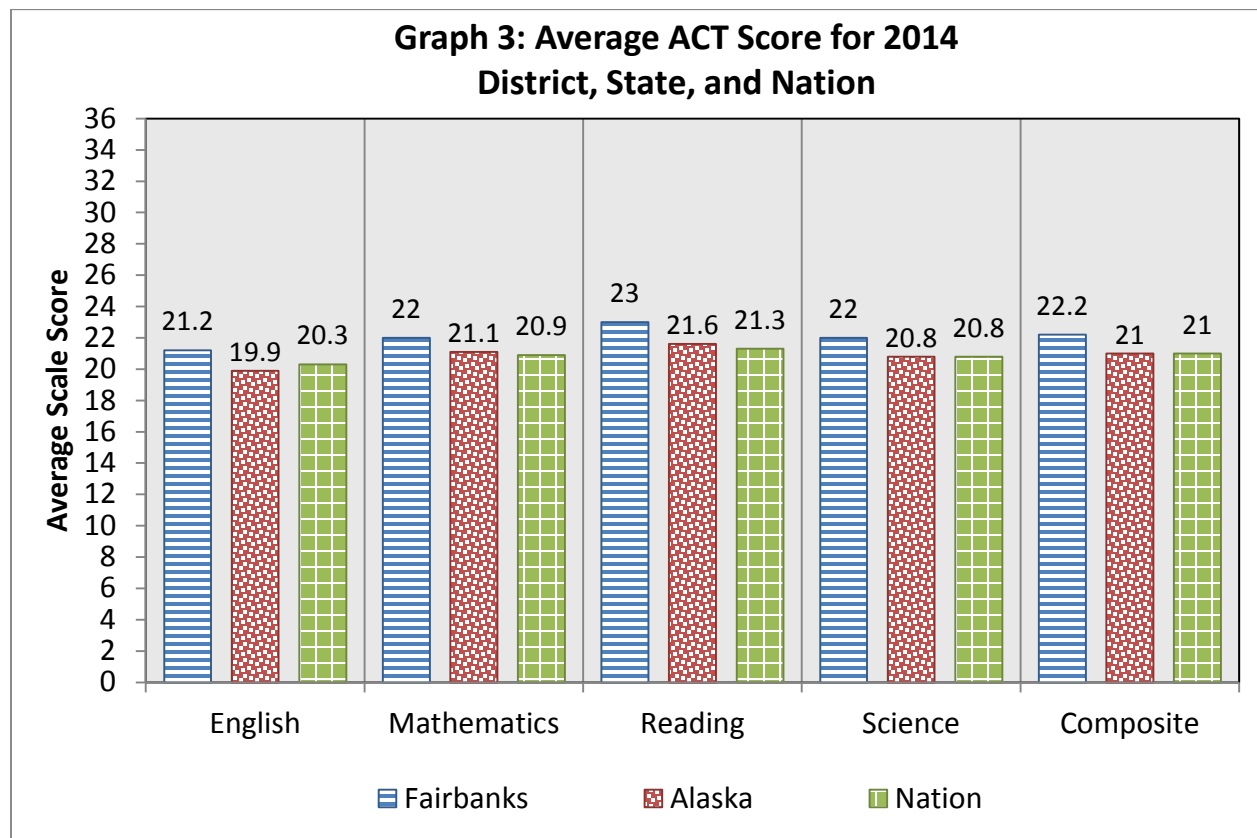
Graph 2: SAT/ACT Testing Rate by Grade Point Average and Income Status from '11 to '14



SECTION I: RESULTS FROM THE AMERICAN COLLEGE TEST

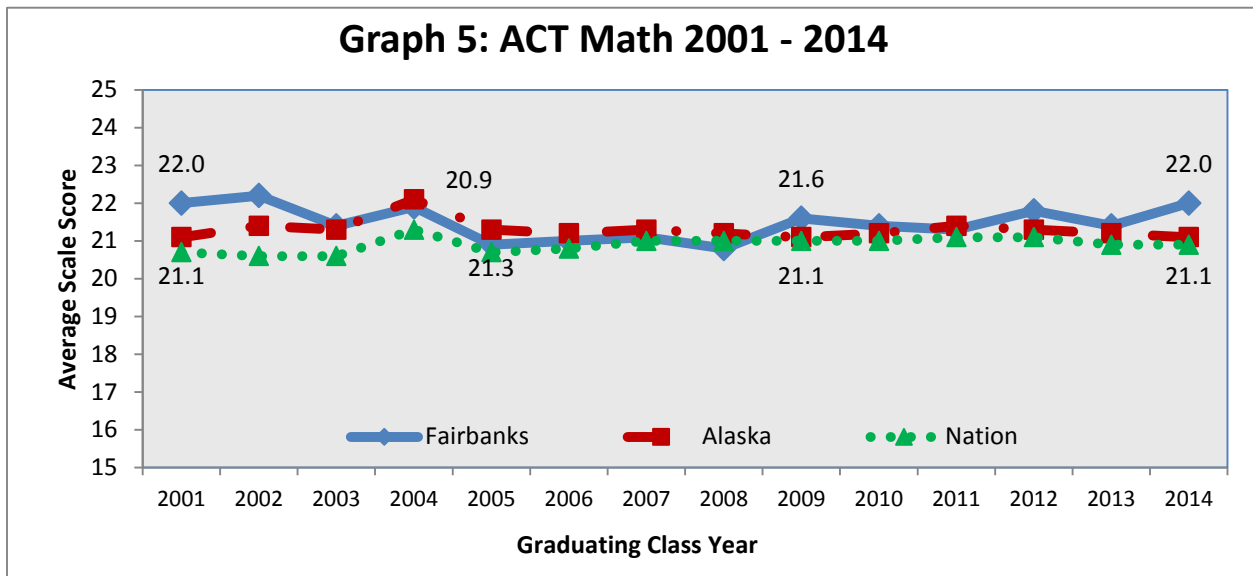
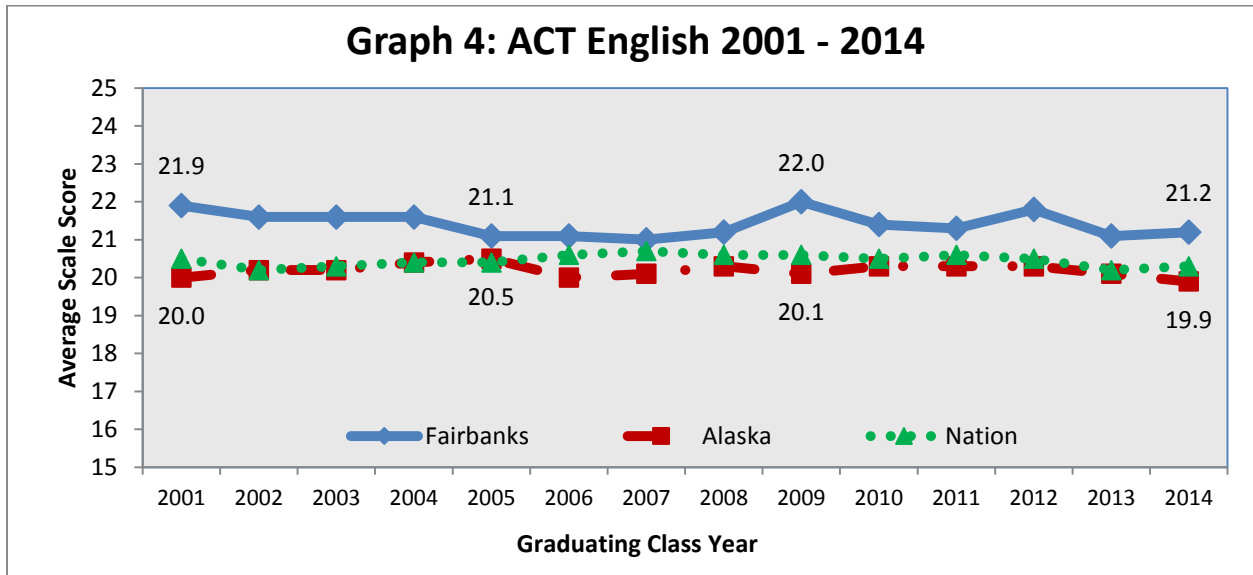
The ACT is a curriculum-based measure of college readiness. ACT regularly conducts a national curriculum survey to ensure that this assessment tool is accurately measuring both the skills taught in high school and the skills expected in entry-level college courses. The following section provides information about the performance of the district's 373 students who took the ACT as sophomores, juniors, or seniors and self-reported at the time of testing that they were scheduled to graduate in 2014.

Graph 3 shows the district's class of 2014 had higher average scores than both the state and national class of 2014. Fairbanks public school students earned an average composite score of 22.2; the composite score consists of English, Mathematics, Reading, and Science Reasoning (the range on the ACT is 1 - 36).

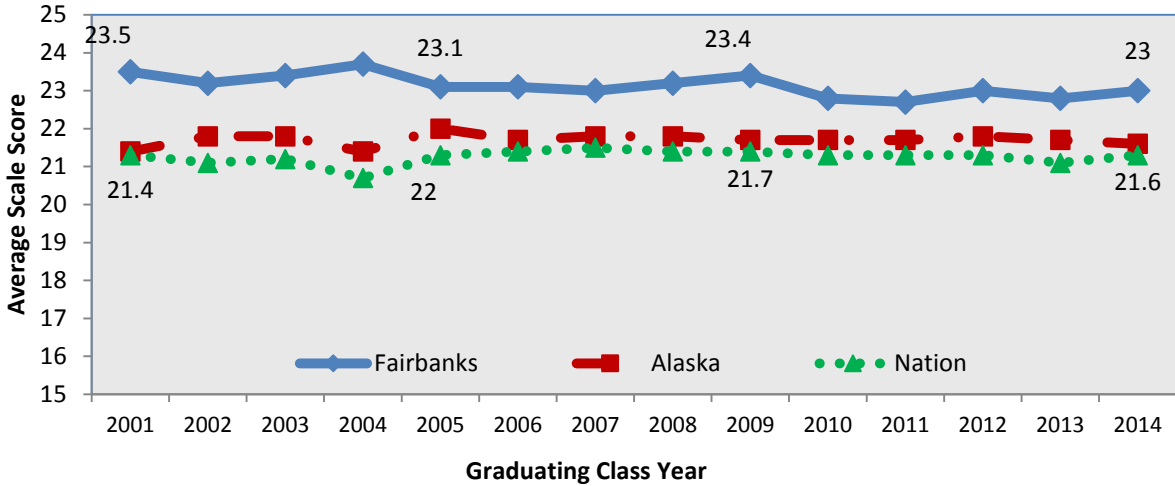


Subtest Trend Lines

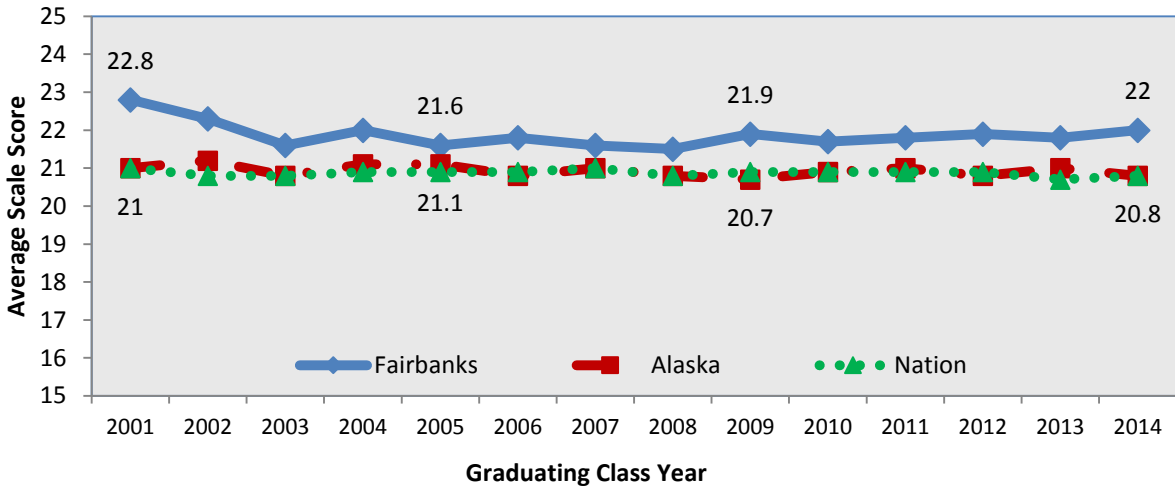
Each year, the graduating class data for schools, districts, states, and the nation represent a different cohort of students. Thus, year-to-year changes often represent normal expected fluctuations. Trend lines can provide more insight. Graphs 4-7 present the average district, state, and nation student scores on ACT subtests from 2001 through 2014.



Graph 6: ACT Reading 2001 - 2014



Graph 7: ACT Science 2001 - 2014



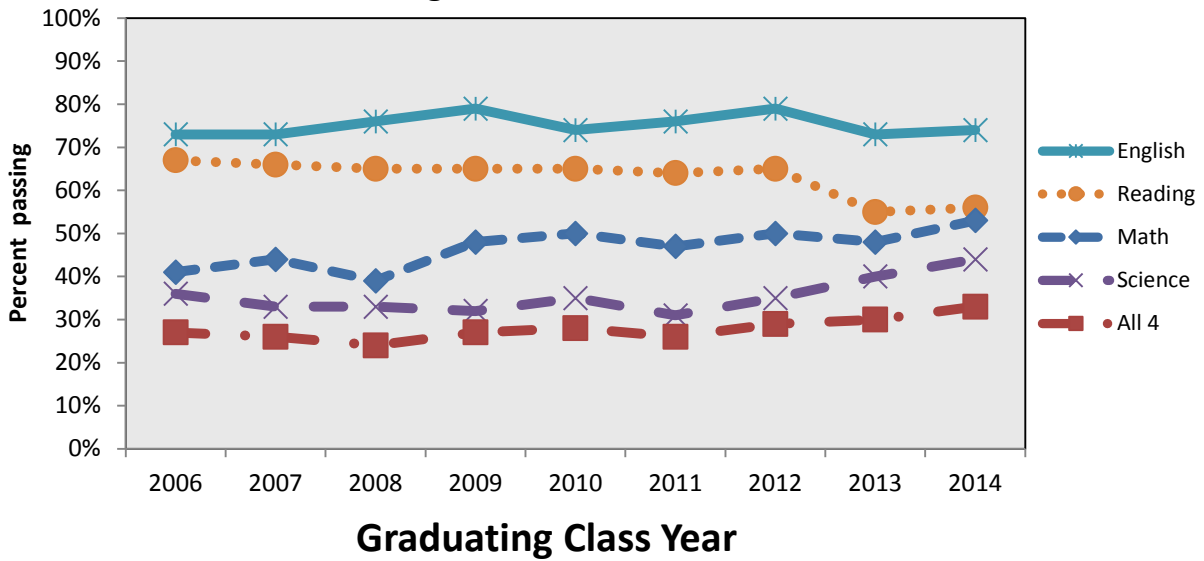
Benchmark Scores

ACT encourages educators to measure student performance in the context of college readiness measures, such as the percent of students meeting or exceeding ACT's College Readiness Benchmark Scores. A benchmark score is defined as the minimum score needed on an ACT subtest to indicate a 50% chance of obtaining a B or higher in the corresponding college course. College courses corresponding to each ACT subtest are College English Composition (English), Algebra (Math), Social Science (Reading), and Biology (Science). Table 1 presents the percent of students in the district, state, and nation who met these College Readiness Benchmarks on each subtest, for each of the graduating classes of the past nine years. Results indicate that the district's graduating classes consistently yield higher rates of college readiness than the graduating classes of the state and the nation. Graphs 10-11 show the rate of meeting ACT benchmarks from year to year for district or state graduating classes.

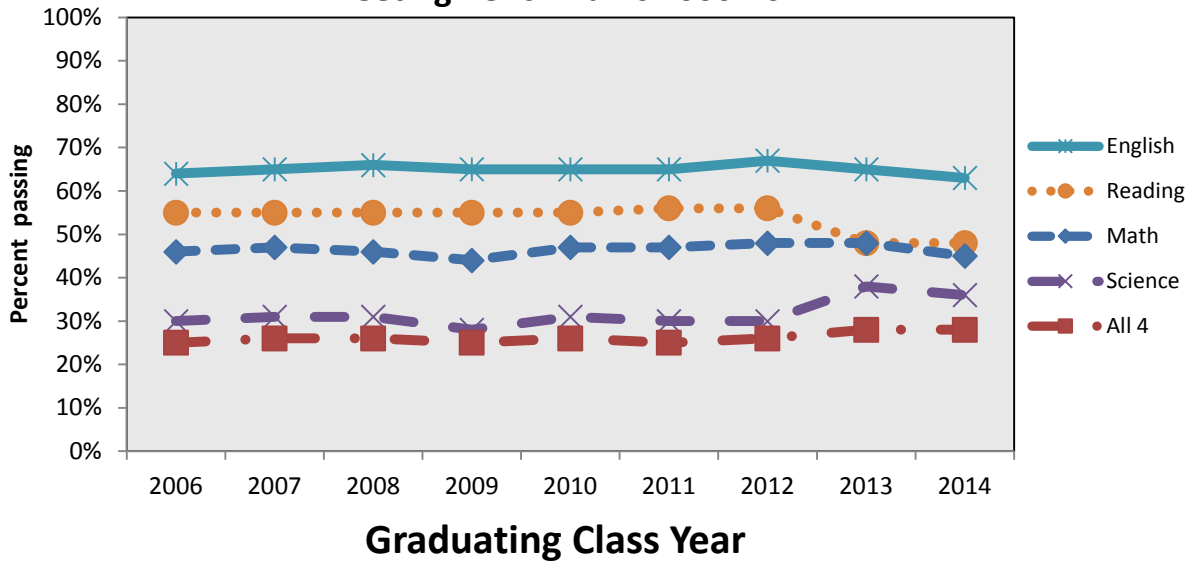
TABLE 1: Percent Meeting ACT Benchmarks in Each Subtest

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014
DISTRICT									
English	73%	73%	76%	79%	74%	76%	79%	73%	74%
Reading	67%	66%	65%	65%	65%	64%	65%	55%	53%
Math	41%	44%	39%	48%	50%	47%	50%	48%	56%
Science	36%	33%	33%	32%	35%	31%	35%	40%	44%
All 4	27%	26%	24%	27%	28%	26%	29%	30%	33%
STATE									
English	64%	65%	66%	65%	65%	65%	67%	65%	63%
Reading	55%	55%	55%	55%	55%	56%	56%	48%	45%
Math	46%	47%	46%	44%	47%	47%	48%	48%	48%
Science	30%	31%	31%	28%	31%	30%	30%	38%	36%
All 4	25%	26%	26%	25%	26%	25%	26%	28%	28%
NATION									
English	69%	69%	68%	67%	66%	66%	67%	64%	64%
Reading	53%	53%	53%	53%	52%	52%	52%	44%	43%
Math	42%	43%	43%	42%	43%	45%	46%	44%	44%
Science	27%	28%	28%	28%	29%	30%	31%	36%	37%
All 4	21%	23%	22%	23%	24%	25%	25%	26%	26%

Graph 8: Percent of ACT-tested District students Meeting Benchmarks 2006-2014



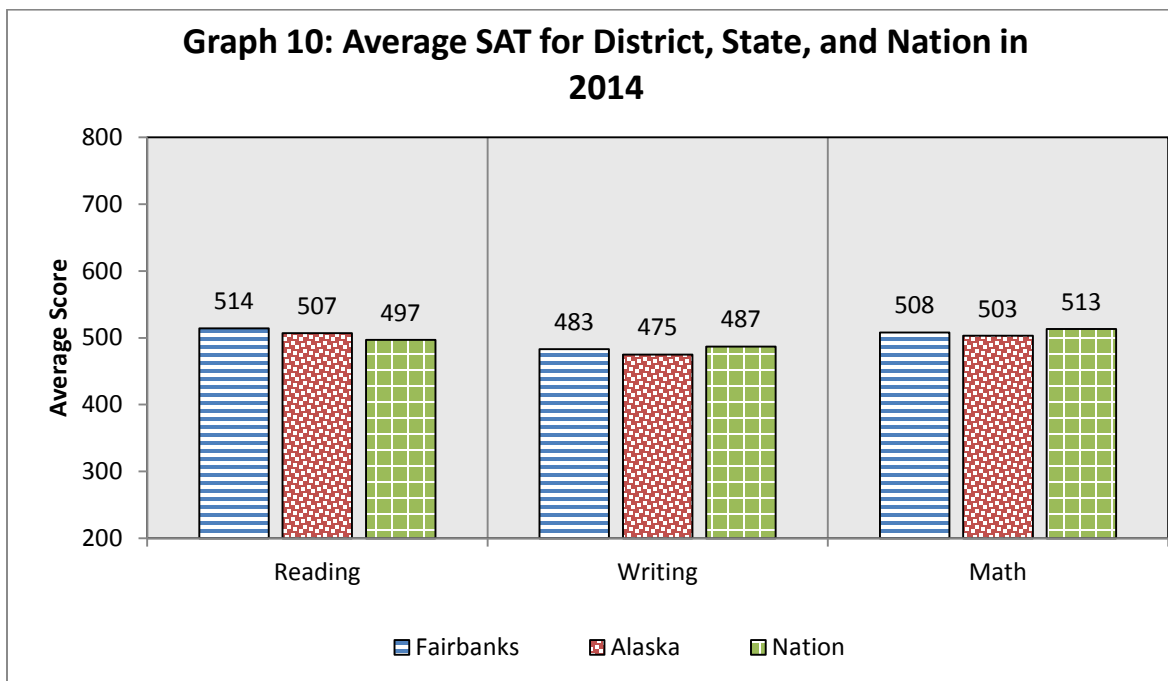
Graph 9: Percent of ACT-tested State students Meeting Benchmarks 2006-2014



SECTION II: RESULTS FROM THE SCHOLASTIC ASSESSMENT TEST

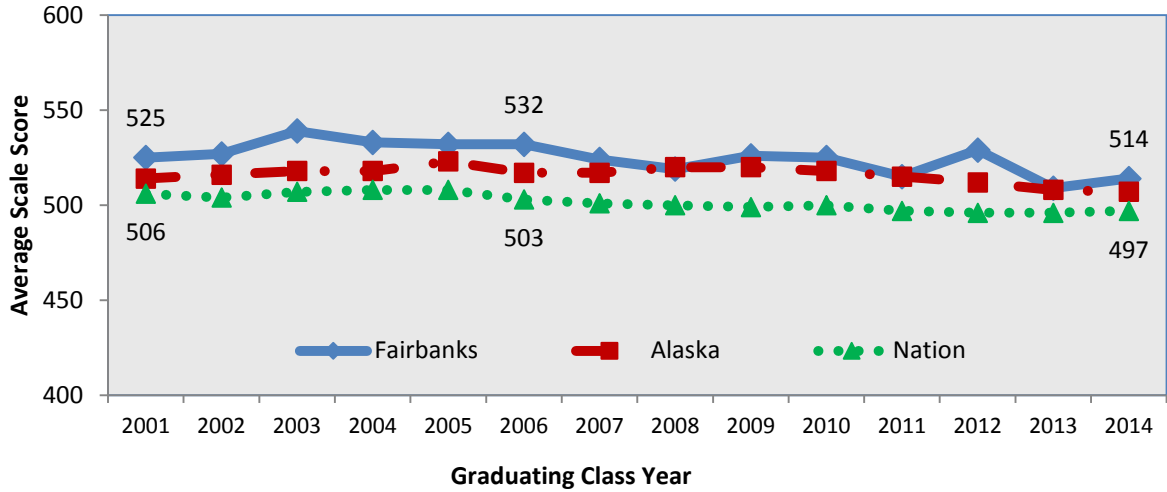
The Scholastic Assessment Test (SAT) is a widely used college entrance exam. Prior to 2006, it consisted of two sections measuring verbal skills and math skills. Scores for each section ranged from 200 to 800, for a total score ranging from 400 to 1600. Since 2006, the SAT has consisted of three sections measuring Reading, Writing, and Math skills yielding total scores ranging from 600 to 2400. More information regarding the SAT is available at www.collegeboard.com/newsat. The section which follows reports the results from the 405 district students who took the SAT as sophomores, juniors, or seniors and self-reported at the time of testing that they were scheduled to graduate in 2014. If a student took the test more than once, SAT reports their most recent score.

The average total score earned on the SAT by district students (1505) was 20 points higher than the average total score of students in Alaska (1485) and 8 points higher than the average total score of students nationally (1497). Graph 10 shows that 2014 graduates in the district had higher average scores than test-takers across the state in all subjects and the nation in Reading.

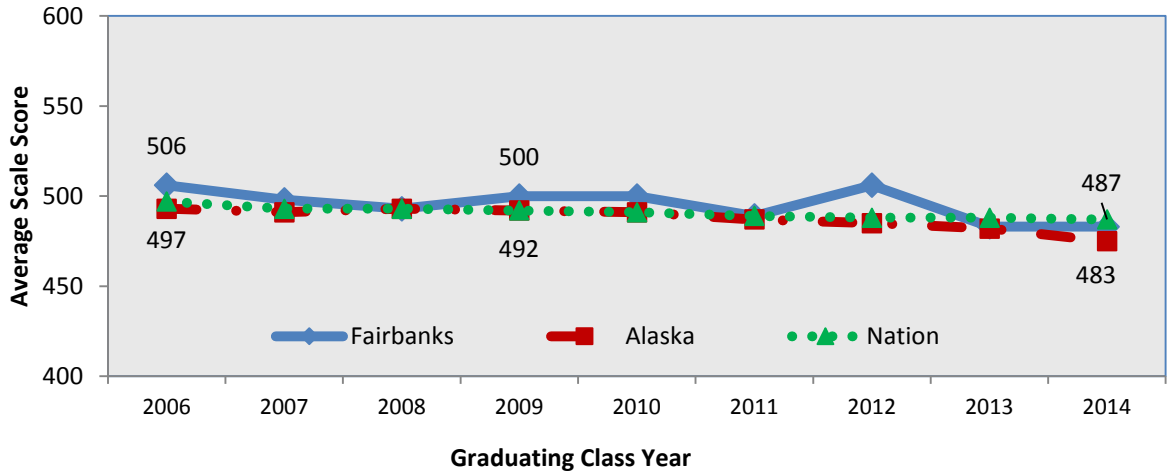


Longitudinal scores for district students on the Reading, Writing, and Math sections of the SAT appear in the graphs 11-13. Graph 12 contains less data, since 2006 was the first year of administration for the Writing section.

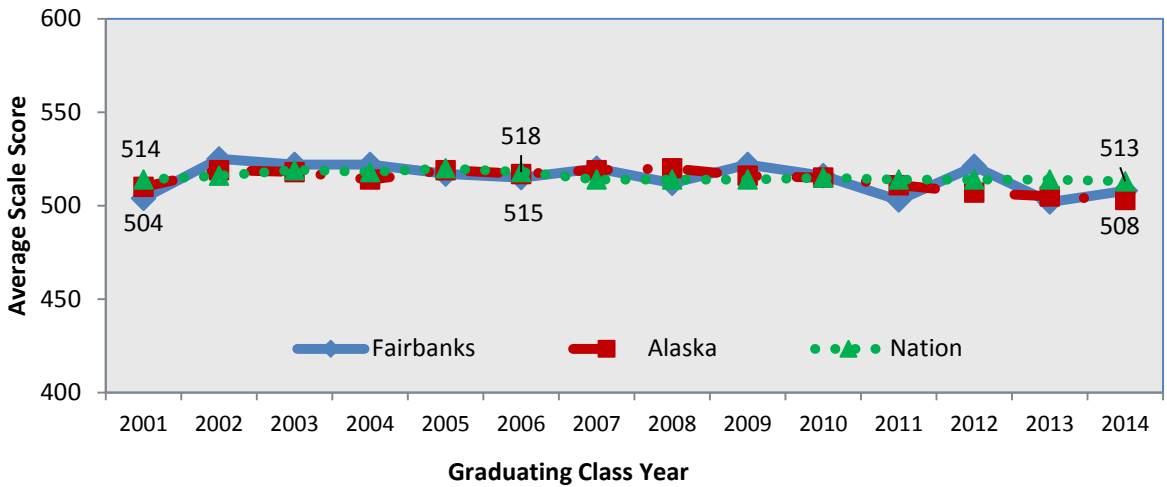
Graph 11: SAT Reading 2001 - 2014



Graph 12: SAT Writing 2006 - 2014

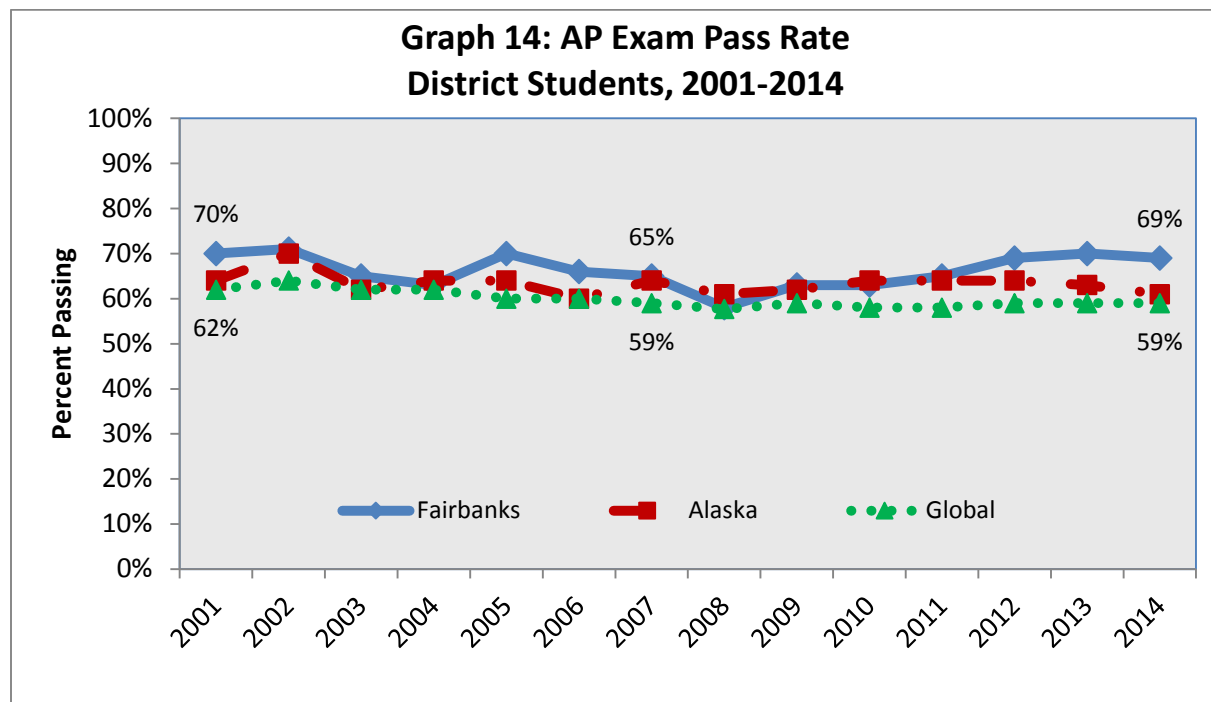


Graph 13: SAT Math 2001 - 2014

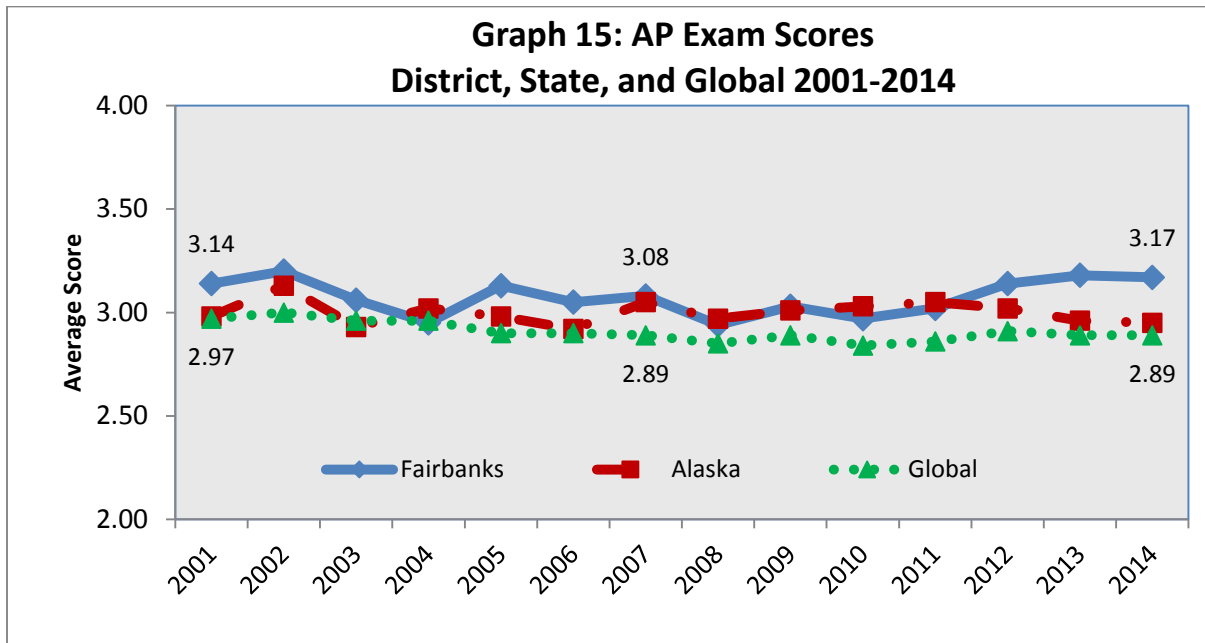


SECTION III: RESULTS FROM THE ADVANCED PLACEMENT EXAMS

Advanced Placement (AP) exams assess college-level knowledge in particular subject areas. Students generally enroll in an advanced placement course in preparation for taking an AP exam, although taking an AP course is not a requirement for taking an AP exam. AP exams are graded on a scale of 1 (low) to 5 (high), with a score of 3 considered a passing grade. Students who pass their AP exam with a score of 3 or higher may be eligible to receive college credit in that subject area, depending on the admissions policies of the college. In 2014, 69% (383) of the 557 exams taken by district students received a score of 3 or higher. This local percent (69%) is higher than the percent passing for all exams taken globally (59%), and in Alaska (61%).



District students took 557 AP exams during the 2013-14 school year, receiving an average score of 3.17. Students across Alaska earned an average score of 2.95. AP exams taken by all students in 2013-14 show an average score of 2.89. Graph 15 presents average district scores on the AP exams for the past 14 years.



SECTION IV: INDIVIDUAL SCHOOL RESULTS

Participation in college entrance exams varied from school to school. As shown in Table 2, Ben Eielson had the highest participation rate among district schools.

Table 2: Participation Rates at Each School: College Entrance Exams

School	Graduates	Tested SAT	Tested ACT	Tested SAT or ACT	Percent Tested Either
Ben Eielson	52	26	33	43	83%
Effie Kokrine	17	2	2	3	18%
Fairbanks BEST	35	13	8	15	43%
Hutchison	80	35	26	45	56%
Lathrop	203	106	79	141	70%
North Pole	150	70	88	105	70%
Star of the North	73	3	7	8	11%
West Valley	199	120	116	156	78%
Districtwide* (includes small programs)	816	329	359	516	63%

Table 3: Participation Rates at Each School: Advanced Placement Program

School	Total Enrollment 9 th -12 th Grade	Total Enrollment in AP Classes	Total AP Exams Taken
Ben Eielson	276	37	30
Fairbanks BEST	230	27	9
Hutchison High	375	16	8
Lathrop	1204	344	204
North Pole	800	106	91
West Valley	1069	298	193

CONCLUSION

To summarize the findings of this report, consider the following questions:

1. How did the district’s graduating class perform relative to the state and the nation?

The Fairbanks graduating class yielded similar or higher average results on the SAT, ACT, and AP exams than the graduating classes within the state and the nation.

2. How did the district’s graduating class perform over time?

In general, there was little variation in performance for district students over the past 14 years, with a decrease in performance in 2013-2014 for Reading and Writing scores for the SAT and ACT. Changes in the test-taking rate of college entrance exams can influence the average performance of test-takers (for example, increases in test-taking rates of low achievers will decrease average performance). Participation rates in ACT/SAT testing over five years are illustrated below:

Table 4: Graduate Test-Taking Rates in 2009-10 to 2013-14

Graduate Test-taking Rate	2009-10	2010-11	2011-12	2012-13	2013-14
All Students	51%	59%	62%	64%	63%
Low Income	34%	47%	43%	53%	43%
Non Low Income	54%	61%	65%	67%	67%
Female	57%	65%	72%	74%	69%
Male	45%	52%	51%	55%	57%
Caucasian	56%	62%	66%	67%	66%
African American	46%	56%	57%	64%	46%
Hispanic	37%	55%	58%	57%	61%
Asian/Pacific Islander	56%	75%	60%	73%	66%
AK Native/American Indian	35%	33%	41%	49%	41%
Two or More Races	37%	59%	55%	66%	74%

Although the district's graduating classes generally perform well on the SAT and ACT exams, the results should be interpreted with caution. Students self-select themselves for college entrance exams. There may be high performing students who did not take these tests and low performing students who did. Due to this process of self-selection, SAT and ACT results should not be used to evaluate teacher, school, district, or program instruction. However, achievement on these exams is one measure of how well college-bound students are prepared for higher learning in important academic areas.

The rate of test-taking within subgroups provides more useful information. Female graduates had higher rates of test-taking than male graduates, non-low income graduates had higher rates of test-taking than low income graduates (even for students with similar GPAs), and Alaska Native/American Indian graduates had lower rates of test-taking than non-Alaska Native/American Indian graduates (even for students with similar GPAs and income status). In 2010-11 to 2013-2014, the gaps in test-taking rates were smaller than previous years for most student groups. In 2014-2015, test-taking rates are expected to increase considerably when participation in a college-or-career readiness assessment (ACT, SAT, or WorkKeys) is a part of high school graduation requirements.

Appendix:
ACT, SAT, and AP
Data Tables
2000-01 to 2013-14 School Years

- Data include average scale scores on the ACT and SAT by school, gender, ethnicity, the Fairbanks North Star Borough School District, the State of Alaska, and the nation. Average scores and “passing” rates are provided for AP exams by similar groups as well as AP course enrollment and number of exams by school.



ACT Results

Table A-1
Average Scores on American College Test (ACT)
2001-2014

YEAR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	ENGLISH													
Fairbanks	21.9	21.6	21.6	21.6	21.1	21.1	21.0	21.2	22.0	21.4	21.3	21.8	21.1	21.2
Alaska	20.0	20.2	20.2	20.4	20.5	20.0	20.1	20.3	20.1	20.3	20.3	20.3	20.1	19.9
Nation	20.5	20.2	20.3	20.4	20.4	20.6	20.7	20.6	20.6	20.5	20.6	20.5	20.2	20.3
	MATHEMATICS													
Fairbanks	22.0	22.2	21.4	21.9	20.9	21.0	21.1	20.8	21.6	21.4	21.3	21.8	21.4	22
Alaska	21.1	21.4	21.3	21.4	21.3	21.2	21.3	21.2	21.1	21.2	21.4	21.3	21.2	21.1
Nation	20.7	20.6	20.6	20.7	20.7	20.8	21.0	21.0	21.0	21.0	21.1	21.1	20.9	20.9
	READING													
Fairbanks	23.5	23.2	23.4	23.7	23.1	23.1	23.0	23.2	23.4	22.8	22.7	23.0	22.8	23
Alaska	21.4	21.8	21.8	22.1	22.0	21.7	21.8	21.8	21.7	21.7	21.7	21.8	21.7	21.6
Nation	21.3	21.1	21.2	21.3	21.3	21.4	21.5	21.4	21.4	21.3	21.3	21.3	21.1	21.3
	SCIENCE REASONING													
Fairbanks	22.8	22.3	21.6	22.0	21.6	21.8	21.6	21.5	21.9	21.7	21.8	21.9	21.8	22
Alaska	21.0	21.2	20.8	21.1	21.1	20.8	21.0	20.8	20.7	20.9	21.0	20.8	21	20.8
Nation	21.0	20.8	20.8	20.9	20.9	20.9	21.0	20.8	20.9	20.9	20.9	20.9	20.7	20.8
	COMPOSITE													
Fairbanks	22.6	22.4	22.1	22.4	21.8	21.9	21.8	21.8	22.3	21.9	21.9	22.3	21.9	22.2
Alaska	21.0	21.3	21.1	21.3	21.3	21.1	21.2	21.2	21.0	21.1	21.2	21.2	21.1	21
Nation	21.0	20.8	20.8	20.9	20.9	21.1	21.2	21.1	21.1	21.0	21.1	21.1	20.9	21
	NUMBER TESTED													
Fairbanks	285	237	226	215	213	216	260	246	353	306	347	382	410	373
Alaska	2451	2300	2344	2167	1977	1987	2106	2047	2254	2228	3022	2598	2724	2659
Nation (in millions)	1.07	1.12	1.18	1.17	1.19	1.21	1.30	1.42	1.48	1.57	1.62	1.67	1.80	1.85

Note: Range of scores on the ACT is 1-36.

**Table A-2
ACT Results by School
2006 – 2014**

School	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ben Eielson	English	22.8	21.2	21.6	20.9	21.1	21.4	22.3	20.3	20.6
	Math	22.8	21.1	22.3	21.7	22.2	21.1	22.2	21.7	22.0
	Reading	24.5	23.2	23.2	23.0	22.2	22.6	23.4	21.7	23.0
	Science	23.4	21.8	22.3	20.3	21.0	21.6	22.0	20.2	21.6
	Composite	23.5	22.1	22.4	21.5	21.7	21.8	22.7	21.1	21.9
	# Tested	11	29	30	35	30	42	40	35	36
Hutchison	English	17.0	19.8	19.4	21.0	19.7	22.0	20.1	21.8	20.8
	Math	16.2	20.7	19.4	20.8	20.6	21.5	21.1	21.8	21.4
	Reading	17.0	18.7	20.7	23.0	20.1	22.6	22.4	23.6	22.7
	Science	16.6	18.2	19.8	21.4	19.6	21.4	20.9	21.4	21.9
	Composite	17.0	19.3	19.9	21.6	20.1	22.0	21.3	22.3	21.8
	# Tested	5	6	19	28	20	29	32	40	26
Lathrop	English	21.2	20.8	19.5	21.5	21.3	19.1	21.2	21.1	21.1
	Math	22.1	21.6	20.2	21.1	21.6	20.5	21.6	20.8	21.8
	Reading	22.5	22.8	21.8	22.9	22.4	21.1	22.1	22.1	22.8
	Science	22.7	21.5	20.6	21.2	21.7	20.3	21.5	21.4	21.8
	Composite	22.2	21.8	20.6	21.8	21.9	20.4	21.7	21.5	22.0
	# Tested	61	58	63	73	60	77	100	99	83
North Pole	English	20.8	19.3	20.3	22.6	20.9	20.0	20.8	19.8	19.7
	Math	21.1	20.6	20.6	21.9	21.9	20.6	20.8	20.9	21.3
	Reading	23.6	20.5	21.8	23.9	23.0	21.4	21.6	22.1	22.6
	Science	21.3	20.4	20.3	22.8	22.1	21.4	21.2	21.6	21.4
	Composite	21.8	20.4	21	22.9	22.0	21.0	21.3	21.2	21.4
	# Tested	36	31	30	49	72	61	57	72	94
West Valley	English	21.8	21.9	22.6	22.4	22.7	23.4	23.1	22.0	22.8
	Math	21.1	21.5	21.0	21.8	21.1	22.6	22.7	22.1	23.2
	Reading	24.3	24.3	25.0	23.7	23.9	24.5	24.5	23.6	23.6
	Science	22.3	22.4	22.4	22.3	22.4	23.6	23.0	22.7	23.1
	Composite	22.5	22.7	22.9	22.7	22.6	23.7	23.5	22.7	23.3
	# Tested	87	120	97	136	112	116	133	140	120
District-wide*	English	21.1	21.0	21.2	22.0	21.4	21.3	21.8	21.1	21.2
	Math	21.0	21.1	20.8	21.6	21.4	21.3	21.8	21.4	22.0
	Reading	23.1	23.0	23.2	23.4	22.8	22.7	23.0	22.8	23.0
	Science	21.8	21.6	21.5	21.9	21.7	21.8	21.9	21.8	22.0
	Composite	21.9	21.8	21.8	22.3	21.9	21.9	22.3	21.9	22.2
	# Tested	216	260	246	353	306	347	382	410	373

* District-wide total includes students from small schools or programs.

Table A-3
ACT Results by Gender
2006-2014

Females	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	21.6	21.2	21.2	22.6	21.7	21.4	22.0	21.7	21.0
	Alaska	20.6	20.6	20.6	20.3	20.8	20.5	20.7	20.2	20.0
	Nation	21.0	21.0	21.0	20.9	20.8	20.9	20.9	20.6	20.7
Math	Fairbanks	20.4	20.3	20.0	21.0	21.1	20.4	21.5	21.0	21.4
	Alaska	20.7	20.7	20.6	20.4	20.8	20.6	20.8	20.5	20.6
	Nation	20.3	20.4	20.4	20.4	20.5	20.6	20.6	20.5	20.5
Reading	Fairbanks	23.8	23.0	22.9	23.6	22.8	22.5	22.8	23.1	22.8
	Alaska	22.2	22.0	22.0	21.5	22.0	21.8	21.8	21.7	21.8
	Nation	21.6	21.6	21.5	21.4	21.4	21.4	21.4	21.4	21.5
Science	Fairbanks	21.4	20.8	20.7	21.5	21.4	21.1	21.3	21.4	21.5
	Alaska	20.5	20.5	20.3	20.1	20.6	20.4	20.3	20.4	20.4
	Nation	20.5	20.5	20.4	20.4	20.5	20.5	20.5	20.4	20.5
Composite	Fairbanks	21.9	21.5	21.3	22.3	21.8	21.5	22.1	21.9	21.8
	Alaska	21.1	21.1	21.0	20.7	21.2	21.0	21.0	20.8	20.8
	Nation	21.0	21.0	21.0	20.9	20.9	21.0	21.0	20.9	20.9
# Tested	Fairbanks	117	124	145	198	173	190	236	236	207
	Alaska	1,051	1,121	1,160	1,297	1,262	1,661	1,488	1,533	1,504
	Nation (in millions)	0.647	0.674	0.764	0.808	0.852	0.880	0.900	0.955	0.977
Males	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	20.5	20.6	20.8	21.2	21.1	21.2	21.5	20.5	21.5
	Alaska	19.3	19.4	19.7	20.0	19.7	20.0	19.8	19.9	19.7
	Nation	20.1	20.2	20.1	20.2	20.1	20.2	20.2	19.8	20.0
Math	Fairbanks	22.2	22.0	21.8	22.3	21.6	22.4	22.2	22.0	22.9
	Alaska	21.9	21.9	21.9	22.0	21.7	22.3	22.0	22.1	21.7
	Nation	21.5	21.6	21.6	21.6	21.6	21.6	21.7	21.4	21.4
Reading	Fairbanks	22.6	22.6	23.7	23.2	22.8	22.9	23.3	22.5	23.2
	Alaska	21.1	21.2	21.5	22.0	21.2	21.5	21.7	21.7	21.5
	Nation	21.1	21.2	21.2	21.3	21.1	21.1	21.2	20.9	21.1
Science	Fairbanks	22.8	22.2	22.4	22.5	22.2	22.7	23.0	22.4	22.7
	Alaska	21.3	21.4	21.4	21.6	21.3	21.7	21.6	21.8	21.2
	Nation	21.4	21.4	21.3	21.4	21.4	21.4	21.4	21.2	21.2
Composite	Fairbanks	22.2	22.0	22.3	22.5	22.0	22.4	22.6	22.0	22.7
	Alaska	21.0	21.1	21.3	21.5	21.1	21.5	21.4	21.5	21.1
	Nation	21.2	21.2	21.2	21.3	21.2	21.2	21.2	20.9	21.1
# Tested	Fairbanks	83	106	97	155	133	157	146	173	166
	Alaska	841	846	841	954	966	1,358	1,110	1,190	1,155
	Nation (in millions)	0.518	0.545	0.626	0.668	0.714	0.739	0.762	0.835	0.857

**Table A-4
ACT Results by Ethnicity
2006-2014**

Caucasian	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	21.5	21.1	21.6	22.6	22.2	22.2	22.5	21.8	22.0
	Alaska	N/A	22.8	22.8	22.8	23.1	22.7	22.6	22.4	22.4
	Nation	N/A	21.8	21.7	21.9	22.0	22.1	22.1	21.8	22.0
Math	Fairbanks	21.4	21.1	21.2	21.9	21.9	21.7	22.5	21.8	22.6
	Alaska	N/A	23.1	23.0	22.8	23.2	22.9	22.8	22.8	22.7
	Nation	N/A	21.7	21.8	21.9	22.0	22.1	22.1	21.9	22.0
Reading	Fairbanks	23.6	22.9	23.5	23.9	23.8	23.5	23.8	23.4	23.6
	Alaska	N/A	24.2	24.3	24.3	24.4	24.0	24.1	23.9	24.1
	Nation	N/A	22.5	22.5	22.6	22.6	22.7	22.7	22.6	22.8
Science	Fairbanks	22.4	21.3	21.8	22.1	22.4	22.4	22.5	22.4	22.5
	Alaska	N/A	22.9	22.7	22.5	23.0	22.7	22.5	22.7	22.7
	Nation	N/A	21.9	21.7	21.9	22.0	22.1	22.1	22.0	22.1
Composite	Fairbanks	22.3	21.8	22.2	22.8	22.7	22.6	22.9	22.5	22.8
	Alaska	23.3	23.4	23.3	23.2	23.5	23.2	23.1	23.1	23.1
	Nation	22.0	22.1	22.1	22.2	22.3	22.4	22.4	22.2	22.3
# Tested	Fairbanks	168	147	164	252	217	247	276	288	263
	Alaska	930	973	1,033	1,235	1,214	1,610	1,413	1,445	1,372
	Nation (in millions)	0.760	0.779	0.896	0.941	0.979	0.982	0.983	1.035	1.038
African American	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	17.6	17.6	17.1	17.3	18.1	14.5	17.5	17.2	13.6
	Alaska	N/A	16.9	17.7	18.4	15.5	17.0	16.6	16.5	15.6
	Nation	N/A	16.1	16.1	16.0	15.7	15.9	16.0	15.7	15.8
Math	Fairbanks	16.4	18.4	17.8	16.1	17.5	17.1	16.8	17.9	16.2
	Alaska	N/A	18.6	18.7	19.1	16.8	18.9	18.1	17.5	17.3
	Nation	N/A	17.0	17.0	17.1	17.1	17.2	17.3	17.2	17.2
Reading	Fairbanks	18.8	18.3	19.9	19.7	17.8	17.9	19.3	18.7	16.9
	Alaska	N/A	18.8	19.6	20.0	17.3	18.7	18.1	18.2	17.9
	Nation	N/A	17.1	17.0	16.9	16.8	17.0	17.2	17.0	17.3
Science	Fairbanks	17.5	18.4	18.7	18.6	19.1	17.5	18.0	18.6	16.7
	Alaska	N/A	18.0	18.3	18.8	17.0	18.8	17.8	17.8	17.7
	Nation	N/A	17.2	17.2	17.2	17.2	17.1	17.2	16.9	17.0
Composite	Fairbanks	17.7	18.3	18.6	17.9	18.5	16.8	18.1	18.2	16.1
	Alaska	17.8	18.2	18.7	19.2	16.7	18.5	17.8	17.6	17.3
	Nation	17.1	17.0	16.9	16.9	16.9	17.0	17.0	16.9	17.0
# Tested	Fairbanks	11	7	14	7	16	17	19	17	13
	Alaska	59	88	57	65	72	120	79	74	59
	Nation (in millions)	0.139	0.152	0.178	0.196	0.215	0.223	0.222	0.240	0.242

Table A-4 (continued)
ACT Results by Ethnicity
2006-2014

Hispanic	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	22.6	17.6	18.6	20.1	16.9	19.6	19.9	19.4	20.4
	Alaska	N/A	19.3	18.4	19.2	19.3	19.8	19.6	19.1	19.1
	Nation	N/A	17.6	17.7	17.7	17.3	17.6	17.7	17.7	17.7
Math	Fairbanks	21.6	19.1	18.4	20.6	18.5	20.6	20.2	20.4	20.7
	Alaska	N/A	21.1	19.9	20.5	20.3	20.7	20.3	20.0	20.1
	Nation	N/A	19	19	19.1	19	19.2	19.4	19.3	19.2
Reading	Fairbanks	25.4	20.7	22.5	23.3	18.9	19.7	19.9	20.3	22.4
	Alaska	N/A	21.6	20.7	21.4	21.1	20.7	20.5	20.8	21.3
	Nation	N/A	18.8	18.9	18.9	18.7	18.9	19.0	18.9	19.1
Science	Fairbanks	21.4	20.9	20.2	21.6	19.1	20.6	20.9	20.4	21.1
	Alaska	N/A	20.9	20.1	20.3	20	20.4	20.4	20.1	20.1
	Nation	N/A	18.8	18.7	18.8	18.7	18.8	18.9	18.8	18.8
Composite	Fairbanks	22.8	19.6	19.9	21.5	18.5	20.3	20.3	20.2	21.3
	Alaska	21.1	20.8	19.9	20.5	20.3	20.5	20.3	20.1	20.3
	Nation	18.6	18.7	18.7	18.7	18.6	18.7	18.9	18.8	18.8
# Tested	Fairbanks	5	7	10	19	14	19	21	24	25
	Alaska	44	39	54	65	50	133	142	176	159
	Nation (in millions)	0.086	0.093	0.115	0.134	0.156	0.201	0.234	0.260	0.281
Asian/ Pacific Islander	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	23.6	19.4	19.5	19.7	21.1	22.7	19.2	20.6	22.1
	Alaska	N/A	19.1	19.7	19.2	19.8	18.3	17.9	18.1	17.5
	Nation	N/A	21.7	22.1	22.6	22.6	22.8	22.5	22.3	22.5
Math	Fairbanks	24.3	21.7	20.6	22.1	22.7	23.9	20.5	22.2	24.1
	Alaska	N/A	21.6	21.8	22.1	21.8	21.3	20.9	20.4	20.6
	Nation	N/A	23.6	24.1	24.5	24.7	25.1	24.9	24.7	24.5
Reading	Fairbanks	25.7	21.4	21	20.9	20.9	25.0	20.4	23.3	24.1
	Alaska	N/A	21.3	21.5	20.7	21	19.4	19.2	19.3	18.9
	Nation	N/A	22.1	22.4	22.7	22.9	22.9	22.7	22.7	22.5
Science	Fairbanks	24.4	21	19.9	21.7	22.5	23.3	20.4	22.0	23.9
	Alaska	N/A	21.2	20.7	21	21	20.3	19.3	19.8	19.7
	Nation	N/A	22.3	22.3	22.7	23	23.1	23.0	22.9	22.9
Composite	Fairbanks	24.8	21	20.5	21.2	21.9	23.9	20.3	22.3	23.7
	Alaska	21.8	21	21	20.9	21	19.9	19.4	19.6	19.3
	Nation	22.3	22.6	22.9	23.2	23.4	23.6	23.4	23.3	23.2
# Tested	Fairbanks	9	11	10	21	15	15	17	20	15
	Alaska	99	108	119	130	152	230	192	198	192
	Nation (in millions)	0.040	0.042	0.051	0.059	0.065	0.067	0.073	0.076	0.086

Table A-4 (continued)
ACT Results by Ethnicity
2006-2014

AK Native/ American Indian	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	18.2	20.2	20.4	23.2	17.9	17.8	20.2	18.9	17.6
	Alaska	N/A	15.7	15.6	15.5	15.3	15.4	13.6	14.0	13.8
	Nation	N/A	17.9	18.1	17.9	17.9	17.5	17.1	16.6	16.6
Math	Fairbanks	18.7	19.9	19.9	22.4	19.1	19.2	20.7	19.9	19.9
	Alaska	N/A	17.9	17.7	17.9	17.8	18.2	16.8	17.3	17.4
	Nation	N/A	18.7	18.8	18.7	18.8	18.6	18.5	18.2	18.1
Reading	Fairbanks	20.3	24	23.3	24.5	18.3	19.3	21.6	20.6	19.0
	Alaska	N/A	17.3	17.1	17.1	16.7	17.0	15.3	16.0	16.0
	Nation	N/A	19.4	19.6	19.4	19.4	19.1	18.7	18.3	18.4
Science	Fairbanks	19.1	20.7	20.8	23.6	18.4	19.6	21.1	19.3	19.3
	Alaska	N/A	17.6	17.3	17.7	17.4	17.3	15.9	16.6	16.1
	Nation	N/A	19.2	19.2	19.1	19.3	18.9	18.7	18.3	18.3
Composite	Fairbanks	19.2	21.3	21.2	23.7	18.4	19.0	21.1	19.8	19.1
	Alaska	17.2	17.3	17.1	17.2	17	17.1	15.5	16.1	15.9
	Nation	18.8	18.9	19	18.9	19	18.6	18.4	18.0	18.0
# Tested	Fairbanks	23	18	17	17	18	24	22	25	22
	Alaska	244	217	266	337	351	280	315	343	306
	Nation (in millions)	0.014	0.014	0.014	0.016	0.016	0.015	0.014	0.014	0.014
Two or More Races	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
English	Fairbanks	N/A	21.4	22.5	22.2	22.3	20.9	21.8	21.0	21.0
	Alaska	N/A	N/A	N/A	N/A	N/A	20.0	20.7	19.6	20.1
	Nation	N/A	N/A	N/A	N/A	N/A	20.7	21.0	20.6	20.6
Math	Fairbanks	N/A	24.1	21.5	22.4	22.0	21.5	20.6	21.3	21.9
	Alaska	N/A	N/A	N/A	N/A	N/A	20.7	21.3	20.9	20.9
	Nation	N/A	N/A	N/A	N/A	N/A	20.7	21.1	20.9	20.9
Reading	Fairbanks	N/A	24.7	22.5	24.5	23.6	22.3	22.8	22.3	22.7
	Alaska	N/A	N/A	N/A	N/A	N/A	21.6	22.2	21.1	21.8
	Nation	N/A	N/A	N/A	N/A	N/A	21.6	21.8	21.6	21.7
Science	Fairbanks	N/A	23.6	21.3	24.2	22.0	20.9	21.9	21.2	22.0
	Alaska	N/A	N/A	N/A	N/A	N/A	20.5	21.2	20.9	20.6
	Nation	N/A	N/A	N/A	N/A	N/A	20.9	21.2	20.9	21.0
Composite	Fairbanks	N/A	23.7	22.0	23.5	22.6	21.6	22.0	21.5	22.1
	Alaska	N/A	N/A	N/A	N/A	N/A	20.8	21.5	20.7	21.0
	Nation	N/A	N/A	N/A	N/A	N/A	21.1	21.4	21.1	21.2
# Tested	Fairbanks	N/A	18	6	18	16	20	20	32	33
	Alaska	N/A	N/A	N/A	N/A	N/A	226	246	270	286
	Nation (in millions)	N/A	N/A	N/A	N/A	N/A	0.046	0.056	0.064	0.070

* Alaskan and National results are included for “Two or More Races” starting in the 2010-11 school year.

SAT Results

Table B-1
Average Scores on SCHOLASTIC ASSESSMENT TEST (SAT)
2001-2014

YEAR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	READING													
Fairbanks	525	527	539	533	532	532	524	519	526	525	515	529	509	514
Alaska	514	516	518	518	523	517	519	520	520	518	515	512	508	507
Nation	506	504	507	508	508	503	502	502	501	501	497	496	496	497
	WRITING*													
Fairbanks	NA	NA	NA	NA	NA	506	498	493	500	500	489	506	483	483
Alaska	NA	NA	NA	NA	NA	493	491	493	492	491	487	485	482	475
Nation	NA	NA	NA	NA	NA	497	494	494	493	492	489	488	488	487
	MATHEMATICS													
Fairbanks	504	525	523	522	517	515	520	512	522	516	503	521	502	508
Alaska	510	519	518	514	519	517	517	520	516	515	511	507	505	503
Nation	514	516	519	518	520	518	515	515	515	516	514	514	514	513
	TOTAL*													
Fairbanks	1029	1052	1062	1055	1049	1553	1542	1524	1548	1541	1506	1556	1494	1505
Alaska	1024	1035	1036	1032	1042	1527	1527	1533	1528	1524	1513	1504	1495	1485
Nation	1020	1020	1026	1026	1028	1518	1511	1511	1509	1509	1500	1498	1498	1497
	NUMBER TESTED													
Fairbanks	398	371	421	409	386	421	397	316	343	334	378	355	397	405
Alaska	3631	3834	4066	3978	3996	3945	3764	3777	3589	3772	3866	4010	3867	3943
Nation (in millions)	1.28	1.33	1.41	1.42	1.48	1.47	1.49	1.52	1.53	1.55	1.65	1.67	1.66	1.67

Note: Scores in each section range from 200-800

* Writing section added in 2006

**Table B-2
SAT Results by School
2006-2014**

School	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ben Eielson	Reading	531	502	505	503	516	505	529	490	543
	Writing	506	480	518	498	483	483	510	494	505
	Math	514	488	490	501	528	499	523	495	543
	Total	1551	1470	1513	1502	1527	1487	1562	1479	1590
	# Tested	43	34	34	27	25	33	27	18	27
Hutchison	Reading	479	460	535	515	535	509	498	536	517
	Writing	458	449	483	485	486	467	455	499	451
	Math	477	483	488	516	537	490	492	507	504
	Total	1414	1392	1506	1516	1558	1466	1444	1542	1473
	# Tested	10	8	12	17	19	44	26	39	39
Lathrop	Reading	525	529	505	499	518	487	527	504	495
	Writing	508	499	502	478	507	465	516	487	477
	Math	524	526	478	502	510	480	512	498	484
	Total	1557	1554	1485	1479	1535	1431	1555	1489	1457
	# Tested	139	136	89	92	83	116	117	118	114
North Pole	Reading	509	475	484	520	500	511	493	477	498
	Writing	474	441	494	494	469	474	458	445	462
	Math	493	481	444	523	500	493	497	472	489
	Total	1476	1397	1422	1537	1469	1479	1448	1394	1448
	# Tested	83	78	66	77	98	68	54	82	78
West Valley	Reading	556	557	553	555	553	549	551	528	537
	Writing	527	536	531	521	528	530	527	497	510
	Math	522	546	535	540	529	538	543	521	534
	Total	1605	1639	1619	1616	1610	1617	1621	1546	1581
	# Tested	146	141	115	130	109	117	131	140	128
District-wide	Reading	532	524	519	526	525	515	529	509	514
	Writing	506	498	512	500	500	489	506	483	483
	Math	515	520	493	522	516	503	521	502	508
	Total	1553	1542	1524	1548	1541	1506	1556	1494	1505
	# Tested	421	397	316	343	334	378	355	397	405

Note: Scores in each section range from 200-800

**Table B-3
SAT Results by Gender
2006-2014**

Females	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	526	525	513	528	523	508	536	507	510
	Alaska	514	516	521	518	518	511	509	504	505
	Nation	502	502	500	498	498	495	493	494	495
Writing	Fairbanks	509	509	490	512	505	493	526	493	487
	Alaska	498	496	505	501	500	493	492	486	481
	Nation	502	500	500	499	498	496	494	493	492
Math	Fairbanks	493	510	491	506	502	485	518	485	493
	Alaska	501	501	503	501	501	495	493	489	490
	Nation	502	499	501	499	500	500	499	499	499
Total	Fairbanks	1528	1544	1494	1546	1530	1486	1580	1485	1490
	Alaska	1513	1513	1529	1520	1519	1499	1494	1479	1476
	Nation	1506	1501	1501	1496	1496	1491	1486	1486	1486
# Tested	Fairbanks	223	217	188	177	197	216	208	234	220
	Alaska	2,091	2,101	2,032	1,972	2,109	2,114	2,265	2,158	2,169
	Nation (in millions)	0.792	0.798	0.813	0.819	0.827	0.877	0.886	0.884	0.889
Males	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	540	525	528	523	528	523	518	512	519
	Alaska	521	524	519	522	519	519	516	513	510
	Nation	505	504	504	503	503	500	498	499	499
Writing	Fairbanks	504	485	545	487	492	483	478	470	479
	Alaska	486	486	537	482	480	479	476	475	468
	Nation	491	489	533	486	486	482	481	482	481
Math	Fairbanks	539	533	496	538	537	527	524	526	526
	Alaska	537	539	482	534	533	530	527	526	519
	Nation	536	533	488	534	534	531	532	531	530
Total	Fairbanks	1583	1543	1569	1548	1557	1532	1521	1508	1523
	Alaska	1544	1549	1538	1538	1532	1528	1519	1514	1497
	Nation	1532	1526	1525	1523	1523	1513	1511	1512	1510
# Tested	Fairbanks	198	178	128	166	137	162	147	163	185
	Alaska	1,854	1,663	1,745	1,617	1,663	1,752	1,745	1,709	1,774
	Nation (in millions)	0.674	0.691	0.704	0.711	0.721	0.771	0.778	0.776	0.784

Table B-4
SAT Results by Ethnicity*
2006-2014

Caucasian	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	507	501	530	538	539	531	542	519	527
	Alaska	510	508	540	538	537	537	535	529	531
	Nation	519	518	528	528	528	528	527	527	529
Writing	Fairbanks	533	530	519	512	511	498	520	494	494
	Alaska	536	539	536	509	508	506	505	501	496
	Nation	527	527	537	517	516	516	515	515	513
Math	Fairbanks	516	524	503	534	530	511	536	508	518
	Alaska	536	534	513	530	531	526	523	520	520
	Nation	536	534	518	536	536	535	536	534	534
Total	Fairbanks	1556	1555	1552	1584	1580	1540	1598	1521	1539
	Alaska	1582	1581	1589	1577	1576	1569	1563	1550	1547
	Nation	1582	1579	1583	1581	1580	1579	1578	1576	1576
# Tested	Fairbanks	296	295	218	251	257	278	259	279	281
	Alaska	2530	2,443	2,489	2,405	2,460	2,550	2,602	2,531	2,485
	Nation (in millions)	0.826	0.828	0.859	0.851	0.838	0.866	0.852	0.835	0.823
African American	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	432	424	451	452	448	401	413	420	434
	Alaska	434	437	455	460	452	456	447	441	450
	Nation	428	425	430	429	429	428	428	431	431
Writing	Fairbanks	459	436	425	432	458	397	409	396	408
	Alaska	447	454	454	437	437	432	434	424	424
	Nation	434	433	426	421	420	417	417	418	418
Math	Fairbanks	428	405	421	441	441	406	380	426	416
	Alaska	440	435	434	451	436	447	428	433	439
	Nation	429	429	424	426	428	427	428	429	429
Total	Fairbanks	1319	1265	1297	1325	1347	1204	1202	1242	1258
	Alaska	1321	1326	1343	1348	1325	1335	1309	1298	1313
	Nation	1291	1287	1280	1276	1277	1272	1273	1278	1278
# Tested	Fairbanks	22	16	15	20	21	20	19	21	16
	Alaska	134	136	126	135	136	168	158	149	151
	Nation (in millions)	0.151	0.160	0.174	0.187	0.197	0.216	0.218	0.210	0.213
Hispanic	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	560	463	541	477	495	480	513	506	465
	Alaska	497	483	489	496	483	482	503	486	474
	Nation	456	458	455	454	454	451	448	450	451
Writing	Fairbanks	593	471	483	466	465	468	485	471	463
	Alaska	472	464	459	469	453	453	476	458	455
	Nation	451	450	447	448	447	444	442	443	443
Math	Fairbanks	539	450	501	474	460	471	504	488	474
	Alaska	491	472	472	484	469	487	497	478	475
	Nation	463	463	461	447	463	463	462	461	459
Total	Fairbanks	1692	1384	1525	1417	1420	1419	1502	1466	1402
	Alaska	1460	1419	1420	1449	1405	1422	1476	1422	1404
	Nation	1370	1371	1363	1349	1364	1358	1352	1354	1353
# Tested	Fairbanks	8	14	9	9	13	22	19	28	27
	Alaska	128	131	140	117	157	173	177	183	229
	Nation (in millions)	0.152	0.169	0.190	0.207	0.222	0.253	0.273	0.284	0.300

Table B-4 (continued)
SAT Results by Ethnicity*
2006-2014

Asian/ Pacific Islander	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	519	493	485	509	494	500	483	495	464
	Alaska	460	464	479	475	479	463	459	462	452
	Nation	512	513	513	516	519	517	518	521	523
Writing	Fairbanks	542	509	535	501	483	485	459	494	450
	Alaska	480	483	516	459	462	450	448	450	439
	Nation	510	514	581	520	526	528	528	527	530
Math	Fairbanks	559	546	459	526	528	527	509	547	500
	Alaska	518	514	459	507	507	505	496	497	491
	Nation	578	578	516	587	591	595	595	597	598
Total	Fairbanks	1620	1548	1479	1536	1505	1512	1451	1536	1414
	Alaska	1458	1461	1454	1441	1448	1418	1403	1409	1382
	Nation	1600	1605	1610	1623	1636	1640	1641	1645	1651
# Tested	Fairbanks	26	23	22	22	13	20	18	18	20
	Alaska	331	292	317	324	354	371	418	380	425
	Nation (in millions)	0.128	0.141	0.151	0.159	0.166	0.184	0.193	0.196	0.207
AK Native /American Indian	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	464	481	482	484	476	478	523	494	476
	Alaska	436	433	461	474	469	447	453	453	459
	Nation	474	473	485	486	485	484	482	480	483
Writing	Fairbanks	490	511	472	436	444	465	488	441	428
	Alaska	450	454	471	444	443	428	426	426	424
	Nation	487	487	491	469	467	465	462	461	461
Math	Fairbanks	511	522	458	482	445	471	508	479	480
	Alaska	471	464	434	475	471	459	460	466	462
	Nation	494	494	470	493	492	488	489	480	484
Total	Fairbanks	1465	1514	1412	1402	1365	1413	1518	1414	1384
	Alaska	1357	1351	1366	1393	1383	1334	1339	1345	1345
	Nation	1455	1454	1446	1448	1444	1437	1433	1427	1428
# Tested	Fairbanks	30	20	17	21	17	13	17	27	24
	Alaska	406	399	403	368	412	363	426	394	426
	Nation	9,301	9,897	9,595	8,974	8,550	9,244	9,716	9,818	9,767
Two or More Races	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Reading	Fairbanks	N/A	523	493	504	490	487	526	513	539
Writing	Fairbanks	N/A	481	469	487	483	486	497	489	510
Math	Fairbanks	N/A	481	469	487	483	523	497	508	515
Total	Fairbanks	N/A	1567	1478	1507	1461	1496	1520	1511	1564
# Tested	Fairbanks	N/A	18	7	20	13	25	23	23	36

* Alaskan and National results are not included for “Two or More Races” because students self-identify a single ethnicity for SAT testing. Also note that not all test takers indicate an ethnicity.

AP Exam Results

Table C-1
Average Scores on Advanced Placement (AP) Exams
2001-2014

YEAR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Average Score													
Fairbanks	3.14	3.20	3.06	2.95	3.13	3.04	3.09	2.94	2.98	2.97	3.02	3.14	3.18	3.17
Alaska	2.98	3.13	2.93	3.02	2.98	2.92	3.05	2.97	3.01	3.06	3.05	3.02	2.96	2.95
Global	2.97	3.00	2.96	2.96	2.90	2.90	2.89	2.85	2.89	2.84	2.86	2.91	2.89	2.89
	Percent Scoring a 3 or Higher													
Fairbanks	70%	71%	65%	63%	70%	65%	65%	58%	62%	63%	65%	69%	70%	69%
Alaska	64%	70%	62%	64%	64%	60%	64%	62%	62%	64%	64%	64%	63%	61%
Nation	61%	63%	61%	61%	59%	59%	59%	58%	59%	58%	58%	59%	59%	59%
	Number of Exams													
Fairbanks	543	622	618	601	460	573	540	521	601	518	634	659	585	557
Alaska	2783	2996	3184	3252	3687	4100	4148	4036	4272	4524	4669	4646	4577	5021
Nation (in millions)	1.41	1.59	1.74	1.89	2.11	2.31	2.53	2.74	2.93	3.13	3.41	3.62	3.85	4.08

Table C-2
Fairbanks AP Exam Results by Gender
2006-2014

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Average Score								
Female	3.10	2.97	2.72	2.82	2.91	2.96	3.14	3.01	3.01
Male	3.00	3.22	3.22	3.30	3.02	3.11	3.14	3.36	3.35
	Percent Scoring a 3 or Higher								
Female	67%	62%	53%	57%	60%	63%	68%	64%	65%
Male	64%	68%	65%	72%	67%	67%	69%	75%	73%
	Number of Exams								
Female	278	291	298	352	273	362	390	299	298
Male	307	249	223	273	245	272	269	286	259

Note: Score range is from 1 (low) to 5 (high) with 3 or higher considered a passing score.

Table C-3
Fairbanks AP Exam Results by Ethnicity
2006-2014

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Average Score								
Caucasian	3.08	3.14	2.95	2.99	3.00	3.09	3.23	3.26	3.22
African American	2.00	2.20	1.67	2.56	2.60	1.67	2.83	2.33	3.00
Hispanic	3.14	2.43	3.00	2.50	3.00	2.67	2.47	2.74	2.50
Asian/ Pacific Islander	2.82	3.10	3.31	3.00	2.97	2.91	3.10	2.91	2.97
Alaska Native/ American Indian	2.79	2.17	2.61	2.53	3.00	3.10	2.75	3.36	3.33
Two or More Races	3.00	2.95	3.00	3.30	2.77	3.00	3.07	3.13	3.14
	Percent Scoring a 3 or Higher								
Caucasian	66%	68%	59%	62%	64%	66%	71%	72%	70%
African American	40%	20%	22%	44%	50%	13%	67%	33%	60%
Hispanic	86%	43%	54%	58%	50%	57%	50%	52%	42%
Asian/ Pacific Islander	58%	55%	69%	59%	64%	63%	71%	57%	64%
Alaska Native/ American Indian	58%	50%	46%	53%	62%	62%	54%	76%	83%
Two or More Races	62%	58%	40%	74%	64%	70%	65%	71%	71%
	Number of Exams								
Caucasian	476	442	415	509	418	505	498	438	443
African American	5	5	9	9	10	15	6	6	5
Hispanic	14	7	13	12	22	21	32	31	24
Asian/ Pacific Islander	33	20	36	29	33	35	49	44	36
Alaska Native/ American Indian	19	6	41	19	12	21	24	25	6
Two or More Races	26	57	5	23	22	37	43	38	42

Table C-4
AP Exams Taken by Fairbanks High School Students: 2006-2014

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ben Eielson	Average Score								
	3.29	3.22	2.60	2.89	3.27	2.70	3.83	2.68	2.50
	Percent Scoring a 3 or Higher								
	71%	56%	60%	56%	77%	57%	83%	44%	47%
	# of Exams Taken								
	7	9	10	18	22	30	18	25	34
Lathrop	Average Score								
	3.12	3.08	2.68	2.81	2.87	2.95	3.16	3.10	2.98
	Percent Scoring a 3 or Higher								
	70%	65%	48%	59%	62%	63%	73%	71%	63%
	# of Exams Taken								
	235	224	193	202	181	228	256	181	216
North Pole	Average Score								
	2.38	2.27	2.64	2.92	2.43	2.47	2.28	2.39	2.56
	Percent Scoring a 3 or Higher								
	44%	35%	46%	60%	43%	45%	37%	41%	51%
	# of Exams Taken								
	112	85	92	144	106	86	94	96	90
West Valley	Average Score								
	3.26	3.42	3.30	3.15	3.29	3.30	3.46	3.51	3.71
	Percent Scoring a 3 or Higher								
	70%	77%	71%	66%	73%	72%	78%	80%	86%
	# of Exams Taken								
	219	222	226	237	207	279	265	268	207
District-wide	Average Score								
	3.04	3.09	2.94	2.98	2.97	3.02	3.14	3.18	3.17
	Percent Scoring a 3 or Higher								
	65%	65%	58%	62%	63%	65%	69%	70%	69%
	# of Exams Taken								
	573	540	521	601	518	634	659	585	557

Note: Range of scores is 1 (low) to 5 (high) with 3 or higher considered a passing score.

Table C-5
Ben Eielson High School
AP Course Enrollments and Number of AP Exams Taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Biology	1	0
AP Calculus AB	16	14
AP English Lit/Comp	17	15
AP English Lang/Comp	1	0
AP Psychology	1	0
AP U.S. History	1	0
Ben Eielson HS Total	37	30

Table C-6
B.E.S.T. High School
AP Course Enrollments and Number of AP Exams taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Biology	6	2
AP English Lang/Comp	4	1
AP English Lit/Comp	1	0
AP Environmental Science	3	1
AP European History	1	1
AP Government: Politics	3	0
AP Psychology	1	1
AP Spanish Language	1	1
AP U.S. History	6	2
AP World History	1	0
B.E.S.T. HS Total	27	9

Note 1: Most AP courses are year-long

Note 2: Some students choose to take an AP exam even if they do not enroll in the course at their school.

Table C-7
Hutchison High School
AP Course Enrollments and Number of AP Exams taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Calculus AB	11	6
AP Physics B	4	2
AP Psychology	1	0
Hutchison HS Total	16	8

Table C-8
Lathrop High School
AP Course Enrollments and Number of AP Exams Taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Art Drawing	3	0
AP Art 2D	6	4
AP Art 3D	7	5
AP Biology	11	7
AP Calculus AB	33	24
AP Calculus BC	11	7
AP Chemistry	21	14
AP Computer Science A	14	11
AP English Lang/Comp	43	35
AP English Lit/Comp	25	15
AP European History	20	16
AP Human Geography	1	0
AP Japanese Language	2	2
AP U.S. Government	42	8
AP Macroeconomics	24	15
AP Microeconomics	31	9
AP Statistics	33	23
AP U.S. History	17	11
Lathrop HS Total	344	206

Table C-9
North Pole High School
AP Course Enrollments and Number of AP Exams Taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Art 2D	1	0
AP Art Drawing	1	1
AP Calculus AB	30	26
AP English Lang/Comp	16	16
AP English Lit/Comp	25	19
AP U.S. Government	15	14
AP U.S. History	18	15
North Pole HS Total	106	91

Table C-10
West Valley High School
AP Course Enrollments and Number of AP Exams Taken
2013-14 School Year

AP Courses	Students enrolled in course	# AP Exams Taken
AP Art Drawing	n/a	1
AP Art 2D	n/a	2
AP Biology	53	31
AP Calculus AB	53	39
AP Calculus BC	26	24
AP Chemistry	22	18
AP Computer Science A	12	11
AP English Lang/Comp	18	18
AP English Lit/Comp	27	19
AP Environmental Science	1	0
AP Microeconomics	2	0
AP U.S. Government	23	17
AP U.S. History	36	16
West Valley HS Total	298	193

Note 1: Most AP courses are year-long.

Note 2: Some students choose to take an AP exam even if they do not enroll in the course at their school.

Table C-11
AP Test Results 2006-2014

	2006	2007	2008	2009	2010	2011	2012	2013	2014
Exam	Average Score								
Art History	3.59	3.17	3.36	3.45	*	*	2.92	4.33	n/a
Art 2D	3.60	3.19	3.00	3.00	2.75	*	3.41	*	3.00
Art 3D	4.10	4.00	*	2.71	*	3.00	4.80	*	3.20
Art Drawing	2.92	3.60	2.20	2.73	3.00	*	3.50	3.38	*
Biology	4.10	3.17	3.48	3.32	3.13	3.43	3.87	2.93	3.58
Calculus AB	3.57	3.63	3.29	3.05	2.91	3.11	3.17	3.77	3.22
Calculus BC	4.50	4.27	4.50	3.88	4.00	4.17	4.12	3.80	4.29
Chemistry	2.05	3.08	3.29	3.69	3.16	3.77	2.49	3.85	2.97
Computer Science A	3.00	2.88	*	3.29	*	2.36	3.91	4.36	3.27
English Lang/Comp	2.81	2.88	2.89	3.07	3.18	3.23	3.23	3.02	3.08
English Lit/Comp	3.14	3.28	2.85	3.08	3.17	3.14	3.44	3.19	3.26
European History	n/a	2.60	3.75	1.75	3.63	3.20	3.11	3.57	3.00
Macroeconomics	3.33	4.10	3.11	2.83	2.77	3.00	3.60	*	3.20
Microeconomics	3.47	4.27	3.33	2.00	2.81	2.40	3.14	*	3.11
Physics B	1.88	3.50	3.92	3.30	2.89	3.25	3.00	2.88	*
Spanish Language	1.80	2.13	1.63	*	*	1.19	2.25	n/a	*
Statistics	3.00	3.50	2.50	3.00	2.70	2.29	3.14	2.78	2.87
U.S. Government	2.86	2.76	2.05	2.63	2.46	2.39	2.43	2.72	2.59
U.S. History	2.56	2.34	2.50	2.66	2.60	2.92	2.67	2.64	2.84
World History	1.77	3.00	*	1.85	*	*	*	n/a	n/a
All Subject Area Tests	3.04	3.09	2.94	2.98	2.97	3.02	3.14	3.18	3.24
	2006	2007	2008	2009	2010	2011	2012	2013	2014
Exam	Percent Scoring a 3 or Higher								
Art History	88%	83%	71%	82%	*	*	72%	83+	n/a
Art 2D	80%	75%	64%	80%	33%	*	94%	*	63%
Art 3D	60+	60+	*	57%	*	50%	60+	*	60%
Art Drawing	54%	90%	20%	45%	80+	*	88%	75%	*
Biology	94%	56%	69%	66%	68%	71%	85%	67%	88%
Calculus AB	83%	79%	70%	61%	57%	67%	69%	83%	70%
Calculus BC	94%	75+	95%	88%	93%	75+	96%	90%	94%
Chemistry	23%	62%	71%	85%	68%	84%	49%	90%	61%
Computer Science A	63%	63%	*	57%	*	46%	91%	92+	73%
English Lang/Comp	57%	67%	63%	65%	75%	72%	69%	66%	65%
English Lit/Comp	81%	70%	53%	70%	67%	73%	78%	73%	72%
European History	n/a	60%	75+	25%	95%	87%	79%	85+	77%
Macroeconomics	83%	80+	67%	58%	46%	71%	80%	*	67%
Microeconomics	80%	80+	75%	40%	63%	50%	86%	*	67%
Physics B	38%	88%	85%	78%	68%	81%	58%	64%	*
Spanish Language	20%	25%	13%	*	*	25-	25%	n/a	*
Statistics	69%	81%	33%	63%	60%	41%	74%	57%	57%
U.S. Government	63%	59%	28%	46%	46%	41%	45%	59%	56%
U.S. History	49%	40%	43%	55%	51%	60%	51%	48%	55%
World History	15%	67%	*	15%	*	*	*	n/a	n/a
All Subject Area Tests	65%	65%	58%	62%	63%	65%	69%	70%	69%

* Results suppressed to protect personally identifiable information.

Table C-11 (continued)
AP Test Results 2006-2014

Exam	2006	2007	2008	2009	2010	2011	2012	2013	2014
	# of Exams Taken								
Art History	17	6	14	11	4	1	25	6	0
Art 2D	5	16	11	15	12	4	17	3	8
Art 3D	5	5	4	7	1	6	5	2	5
Art Drawing	13	10	5	11	9	1	8	8	2
Biology	51	41	29	44	38	49	52	70	40
Calculus AB	58	63	76	87	82	88	119	92	109
Calculus BC	18	15	20	24	14	24	24	30	31
Chemistry	22	13	17	13	19	31	43	20	33
Computer Science A	8	8	3	7	4	11	11	14	22
English Lang/Comp	100	91	89	92	72	111	77	107	72
English Lit/Comp	57	61	55	71	63	51	59	48	68
European History	0	10	8	12	19	15	19	7	17
Macroeconomics	12	10	9	12	13	7	5	3	15
Microeconomics	15	11	12	5	16	10	7	3	9
Physics B	8	8	13	23	19	16	12	33	2
Spanish Language	10	8	8	3	4	16	4	0	1
Statistics	16	16	6	8	10	24	42	37	23
U.S. Government	51	49	43	52	46	59	47	29	39
U.S. History	100	91	90	85	70	92	70	58	44
World History	13	6	4	13	2	4	1	0	0
All Subject Area Tests**	573	540	521	601	518	634	659	585	557

** “All Subject Area Tests” includes low participation subjects not referenced in table C-11 (all results were suppressed for those subjects)