

2012

Florida
EOC
Assessments

Algebra 1 End-of-Course (EOC) Assessment



Algebra 1 EOC Assessment

Grades 6-12

The Florida End-of-Course (EOC) Assessments are part of Florida's Next Generation Strategic Plan for the purpose of increasing student achievement and improving college and career readiness. EOC assessments are computer-based, criterion-referenced assessments that measure the Next Generation Sunshine State Standards (NGSSS) for specific courses, as outlined in their course descriptions. The first assessment to begin the transition to end-of-course testing in Florida was the Algebra 1 EOC Assessment in spring of 2011. Biology 1 and Geometry EOC Assessments were administered for the first time in spring of 2012, and results for these assessments are posted at <http://fcats.fldoe.org/mediapacket/2012/default.asp>. There are plans to implement additional EOC assessments in U.S. History and Civics. New Achievement Levels for the Algebra 1 EOC Assessment were approved by the State Board of Education on December 19, 2011, through a standard-setting process. This process will be followed again for the Biology 1 and Geometry EOC Assessments in the fall of 2012.

This media packet only contains data for the Algebra 1 EOC Assessment, since it is the only EOC assessment that has established Achievement Levels. The success a student has achieved with the NGSSS assessed by the Algebra 1 EOC Assessment is indicated by Achievement Levels that range from 1 (lowest) to 5 (highest). Level 3 indicates satisfactory performance. Students who entered grade 9 in the 2011-12 school year must earn a score in Achievement Level 3 or higher in order to earn high school credit. This requirement also applies to middle school students seeking high school course credit for Algebra 1 or an equivalent course. Scoring at or above Achievement Level 4 indicates the student is high achieving and has the potential to meet college-readiness standards by the time the student graduates from high school.

Achievement Levels for the Algebra 1 EOC Assessment Scale Scores (325 to 475)

Level 1	Level 2	Level 3 (Passing)	Level 4	Level 5
325-374	375-398	399-424	425-436	437-475

For the 2011 Algebra 1 EOC Assessment, students received a score on a scale of 20-80. This scale, which is only used for the first statewide test administration of each EOC assessment, is a special scale known as a T-score scale, and the score that students receive is called a T score. For students who entered grade 9 in the 2010-11 school year and do not already have Algebra 1 course credit, the Algebra 1 EOC Assessment T score must be used to calculate at least 30 percent of their final course grade. The method for applying this requirement was determined and applied by each school district. Districts received a conversion table that may be used to convert the new scale scores into T scores.

Student performance on the 2011 Algebra EOC Assessment, presented in this media packet, is reported on the new score scale using the established Achievement Levels. This was done so stakeholders can compare school years and see how students would have performed if the Achievement Levels had been established in 2011. In addition, student performance in this media packet represents only student results for all first-time testers during the school year.

For more information about EOC assessments, please visit <http://fcats.fldoe.org/eoc/>

Algebra 1 EOC Assessment

Grades 6-12

First-Time Testers 2012 School Year

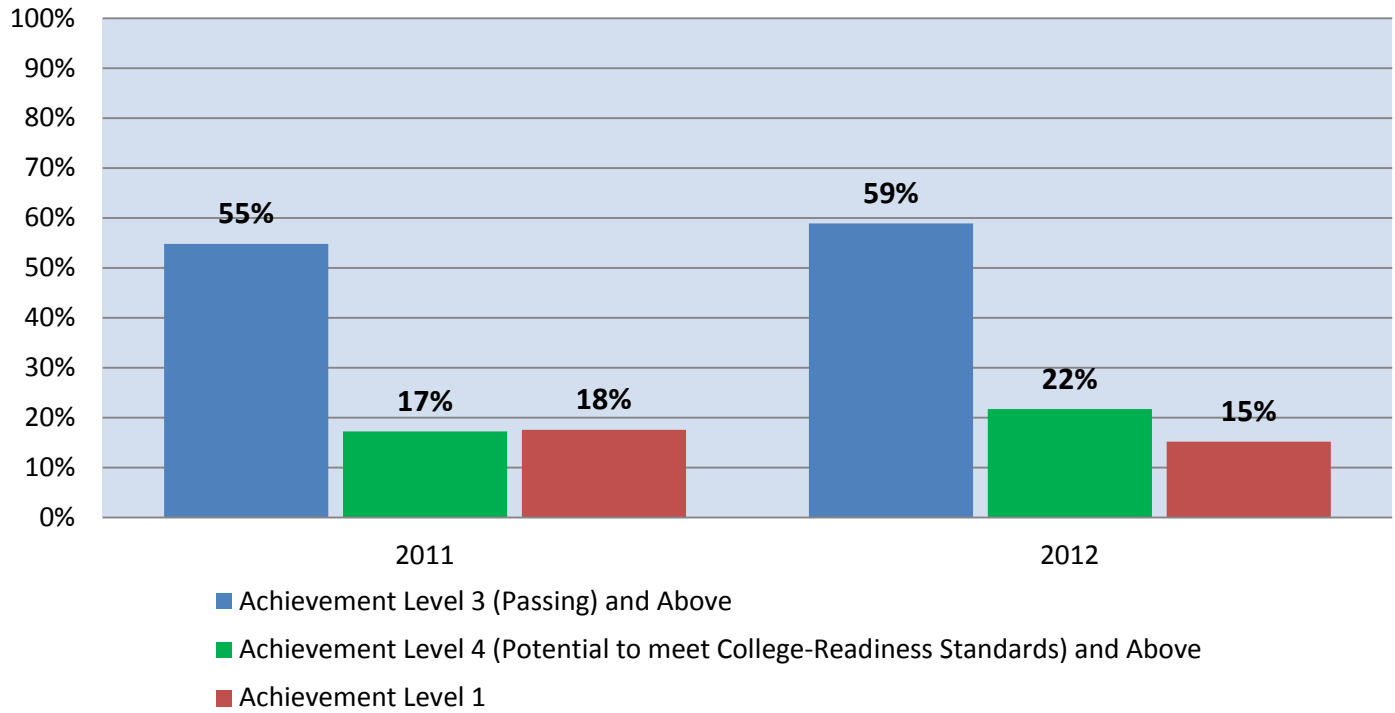
Algebra 1 EOC Assessment Highlights:

- In 2012, 59 percent of students in grades 6-12 were performing at or above Achievement Level 3 (Passing).
- In 2012, 22 percent of students in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards).
- In 2012, 87 percent of students in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing).
- In 2012, 45 percent of students in grades 9-12 were performing at or above Achievement Level 3 (Passing).

Note: Student performance on the 2011 Algebra EOC Assessment, presented in this media packet, is reported on the new score scale using the established Achievement Levels. This was done so stakeholders can compare school years and see how students would have performed if the Achievement Levels had been established in 2011. In addition, student performance in this media packet represents only student results for all first-time testers during the school year.

Grades 6-12

**Algebra 1 EOC Assessment
By Achievement Level
First-Time Testers**

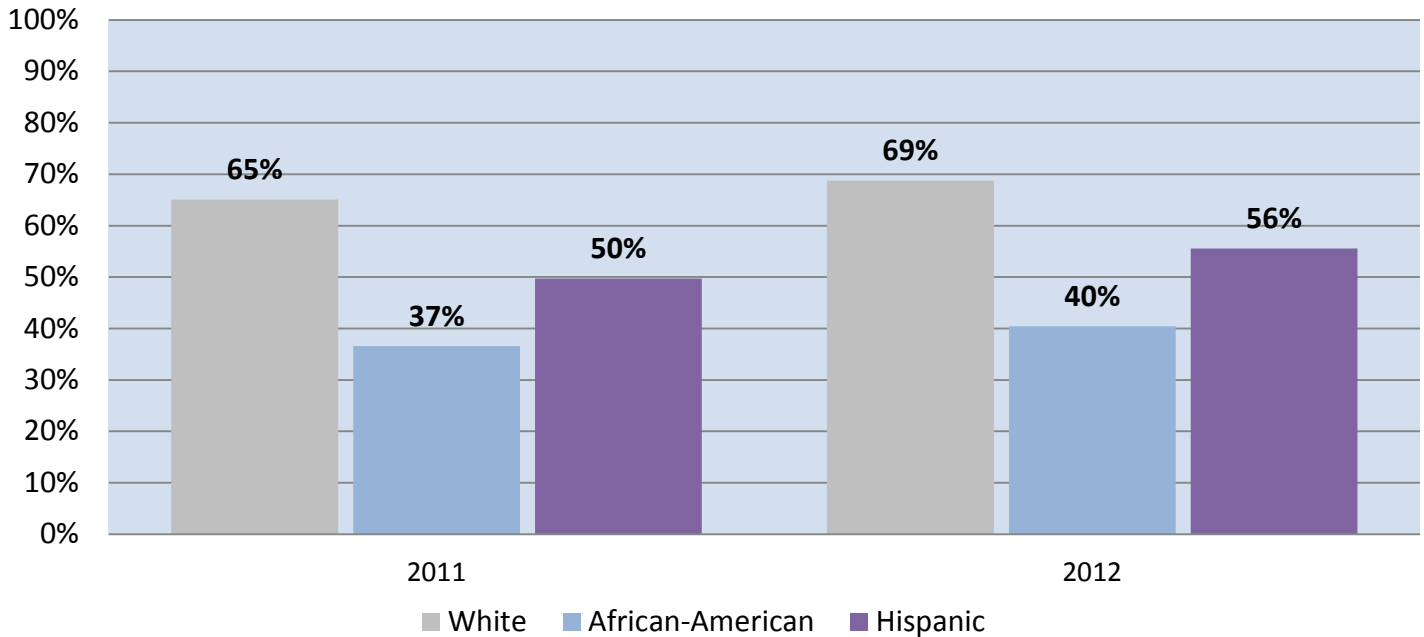


In 2012, 59 percent of students in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 55 percent in 2011. In 2012, 22 percent of students in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 17 percent in 2011. In 2012, 15 percent of students in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 18 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6-12

**Algebra 1 EOC Assessment
Achievement Level 3 (Passing) and Above
First-Time Testers**

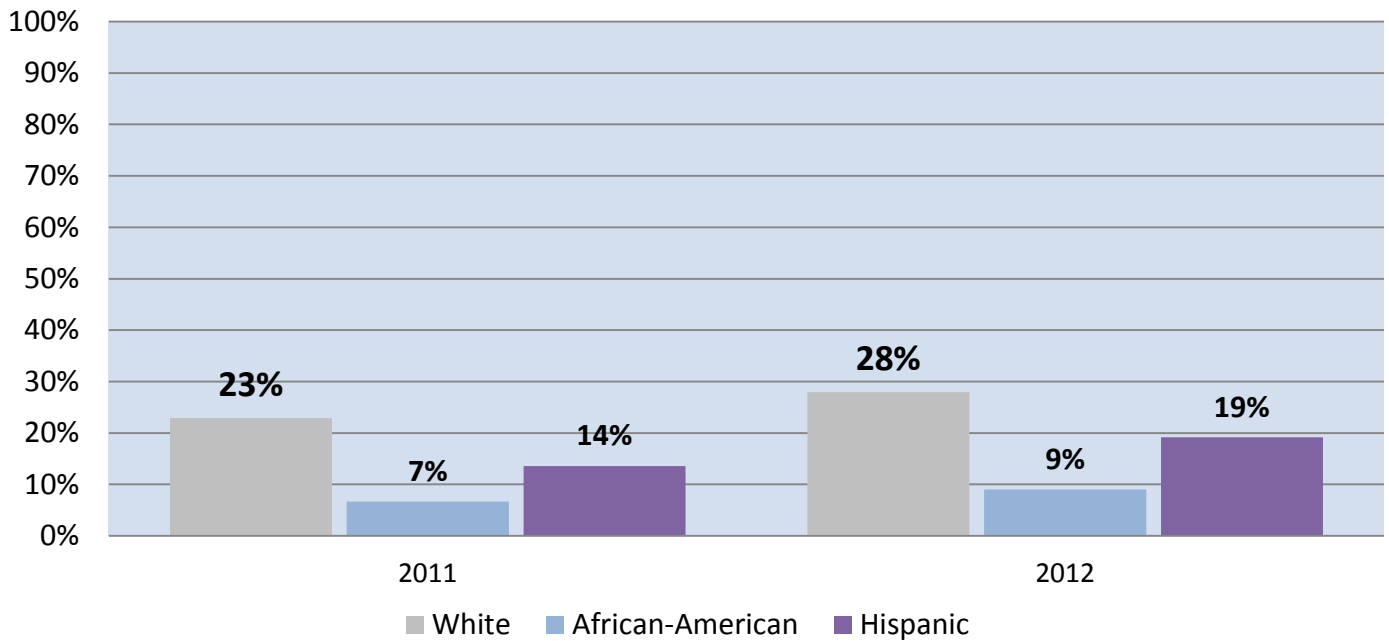


In 2012, 69 percent of White students in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 65 percent in 2011. In 2012, 40 percent of African-American students in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 37 percent in 2011. In 2012, 56 percent of Hispanic students in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 50 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6-12

**Algebra 1 EOC Assessment
Achievement Level 4 and Above
(Potential to Meet College-Readiness Standards)
First-Time Testers**

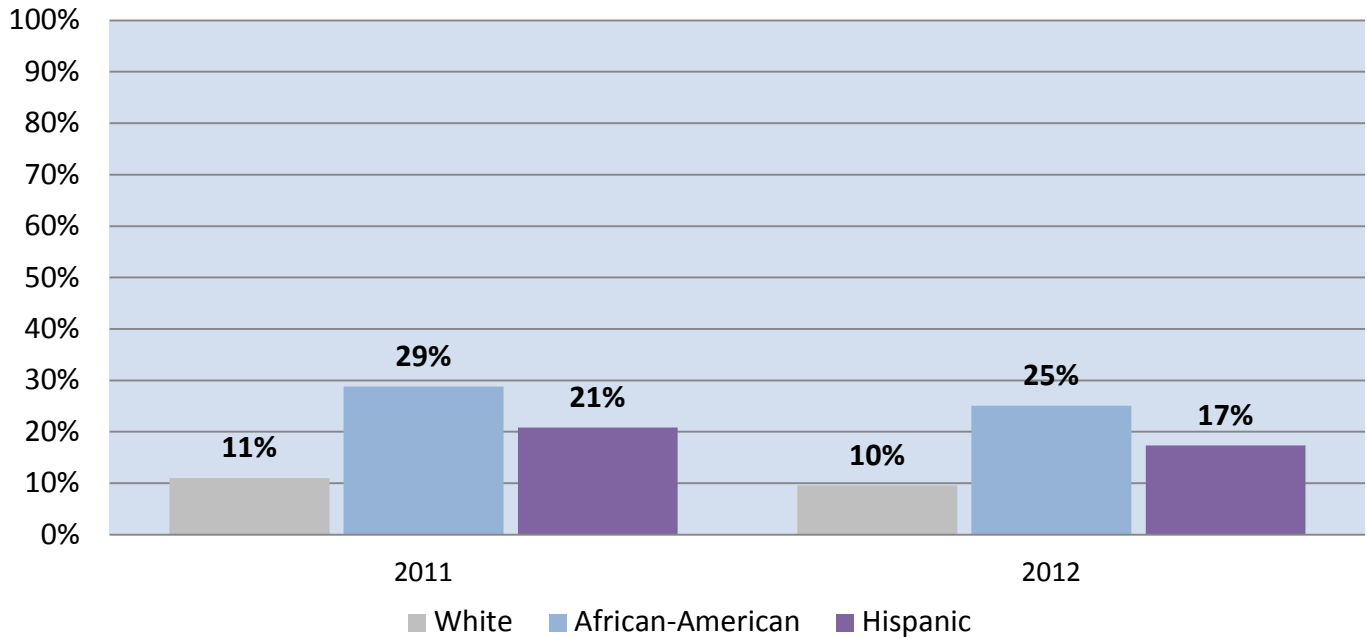


In 2012, 28 percent of White students in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 23 percent in 2011. In 2012, 9 percent of African-American students in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 7 percent in 2011. In 2012, 19 percent of Hispanic students in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 14 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6-12

**Algebra 1 EOC Assessment
Achievement Level 1
First-Time Testers**

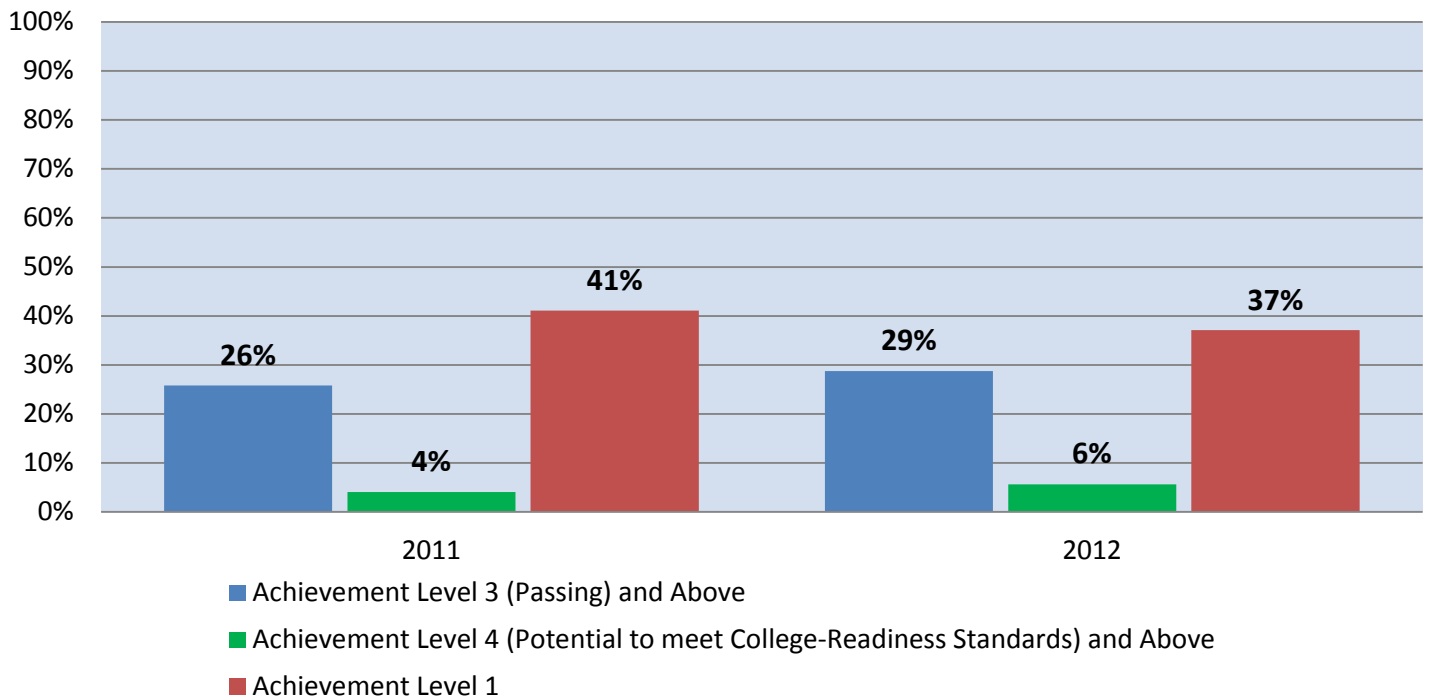


In 2012, 10 percent of White students in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 11 percent in 2011. In 2012, 25 percent of African-American students in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 29 percent in 2011. In 2012, 17 percent of Hispanic students in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 21 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6-12

**Algebra 1 EOC Assessment
By Achievement Level
Students with Disabilities
First-Time Testers**

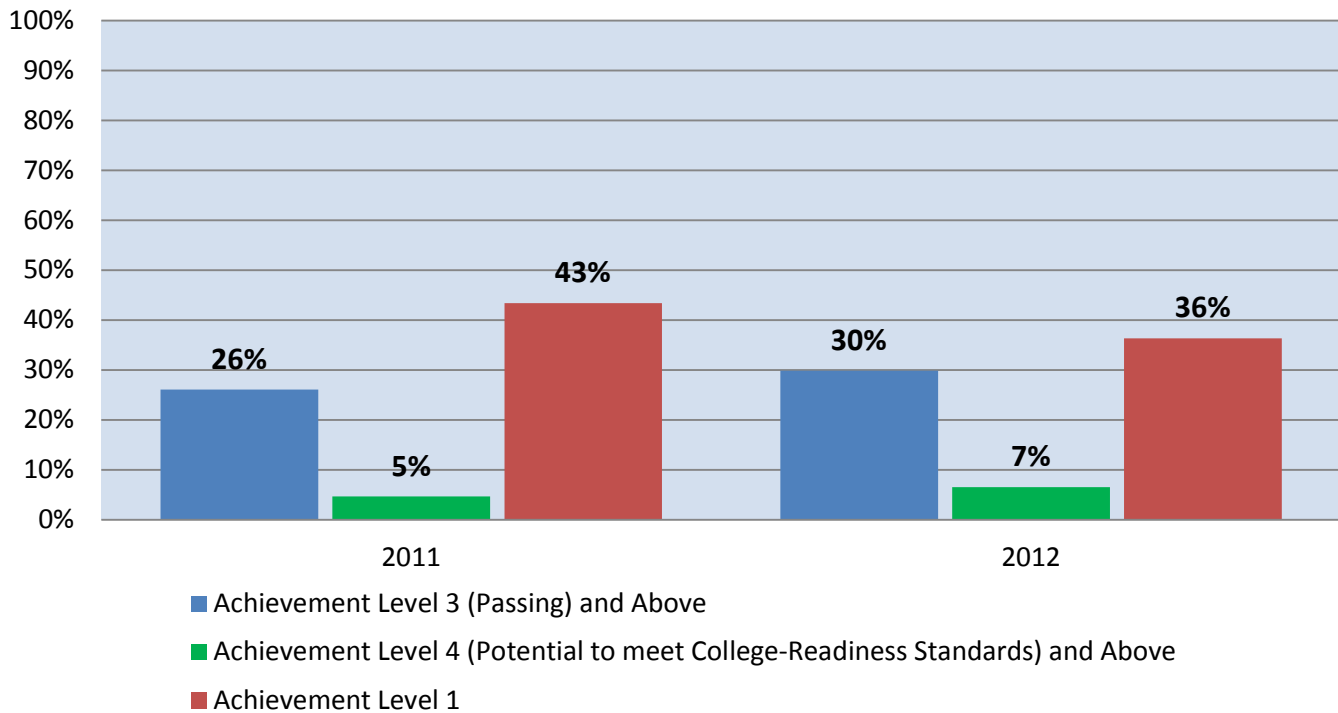


In 2012, 29 percent of Students with Disabilities in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 26 percent in 2011. In 2012, 6 percent of Students with Disabilities in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 4 percent in 2011. In 2012, 37 percent of Students with Disabilities in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 41 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6-12

**Algebra 1 EOC Assessment
By Achievement Level
English Language Learners
First-Time Testers**

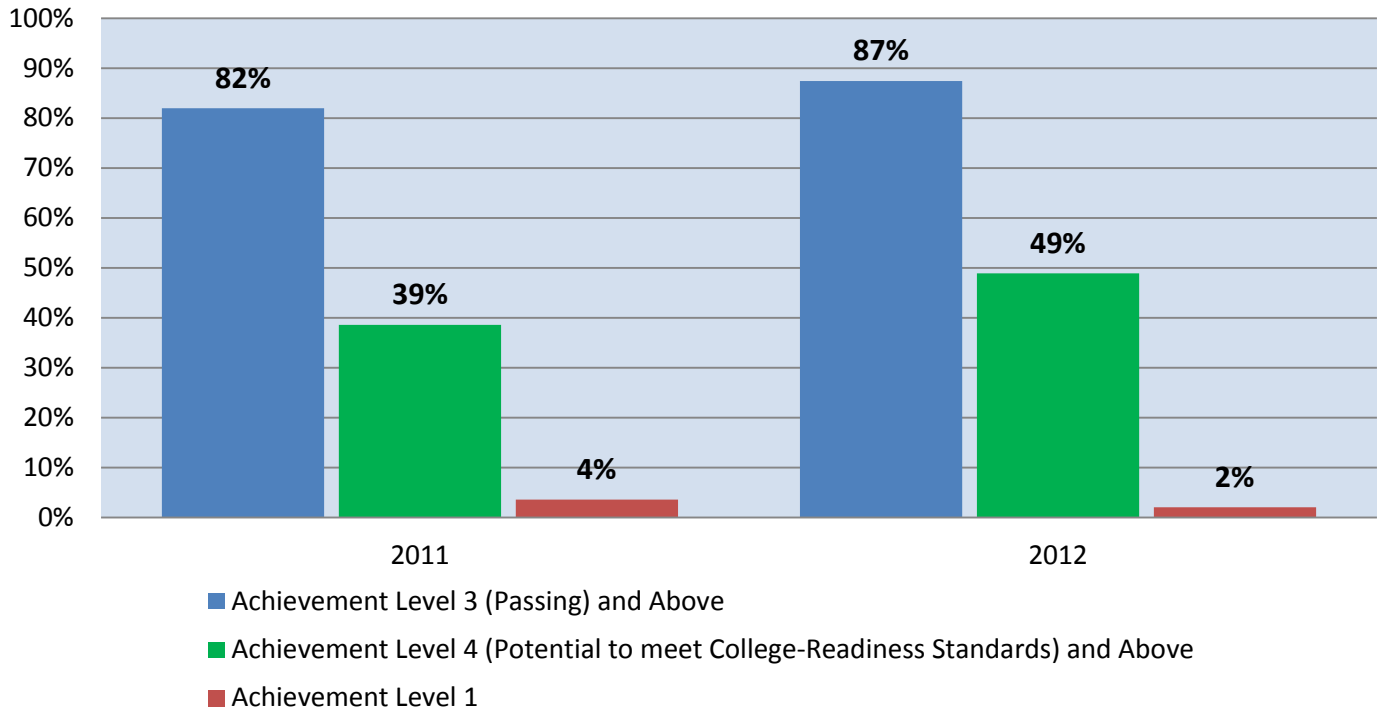


In 2012, 30 percent of English Language Learners in grades 6-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 26 percent in 2011. In 2012, 7 percent of English Language Learners in grades 6-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 5 percent in 2011. In 2012, 36 percent of English Language Learners in grades 6-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 43 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
By Achievement Level
First-Time Testers**

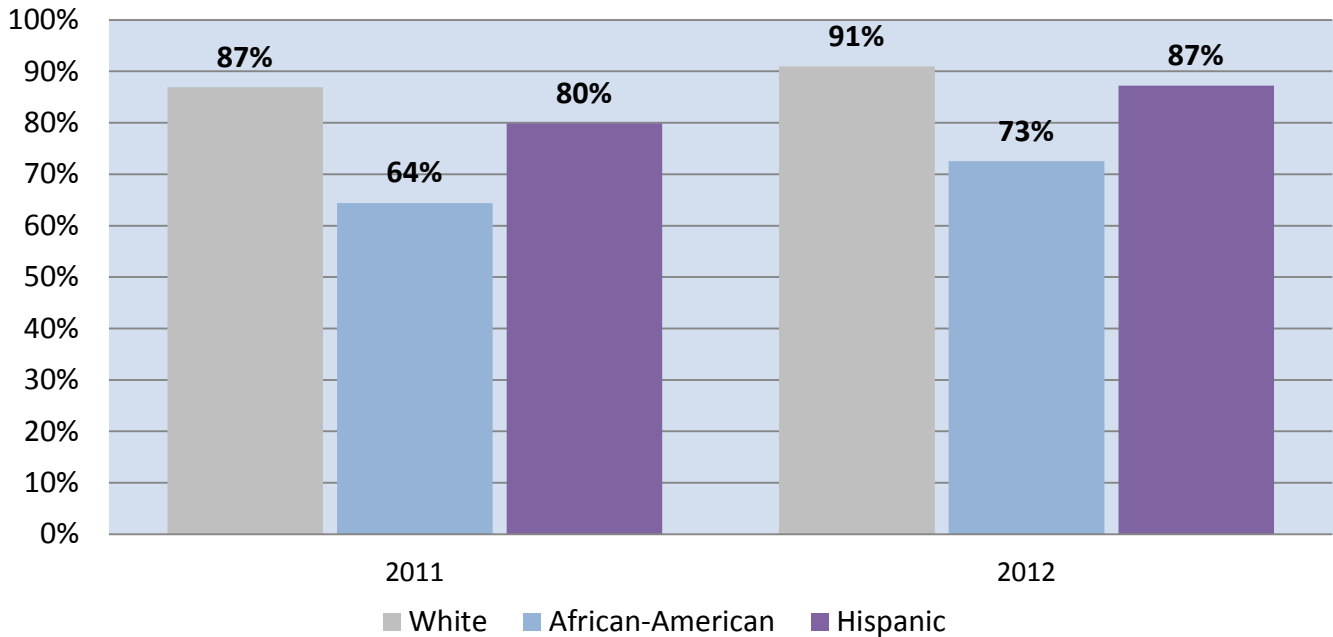


In 2012, 87 percent of students in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 82 percent in 2011. In 2012, 49 percent of students in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 39 percent in 2011. In 2012, 2 percent of students in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 4 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
Achievement Level 3 (Passing) and Above
First-Time Testers**

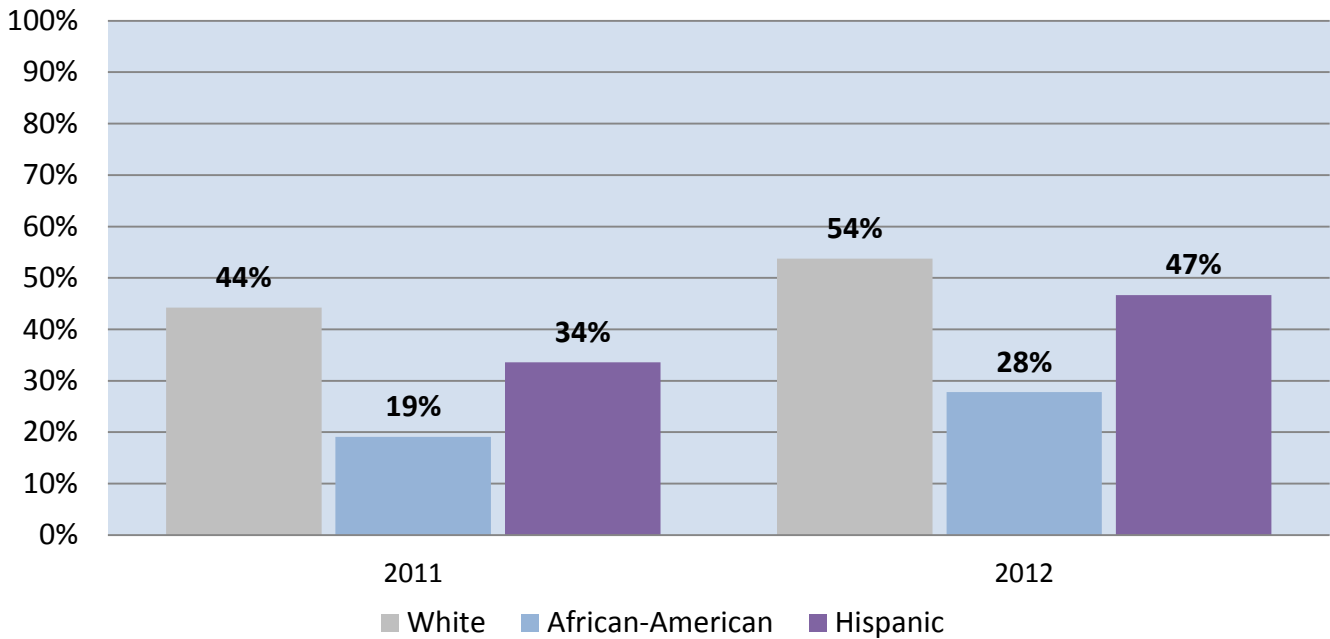


In 2012, 91 percent of White students in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 87 percent in 2011. In 2012, 73 percent of African-American students in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 64 percent in 2011. In 2012, 87 percent of Hispanic students in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 80 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
Achievement Level 4 and Above
(Potential to Meet College-Readiness Standards)
First-Time Testers**

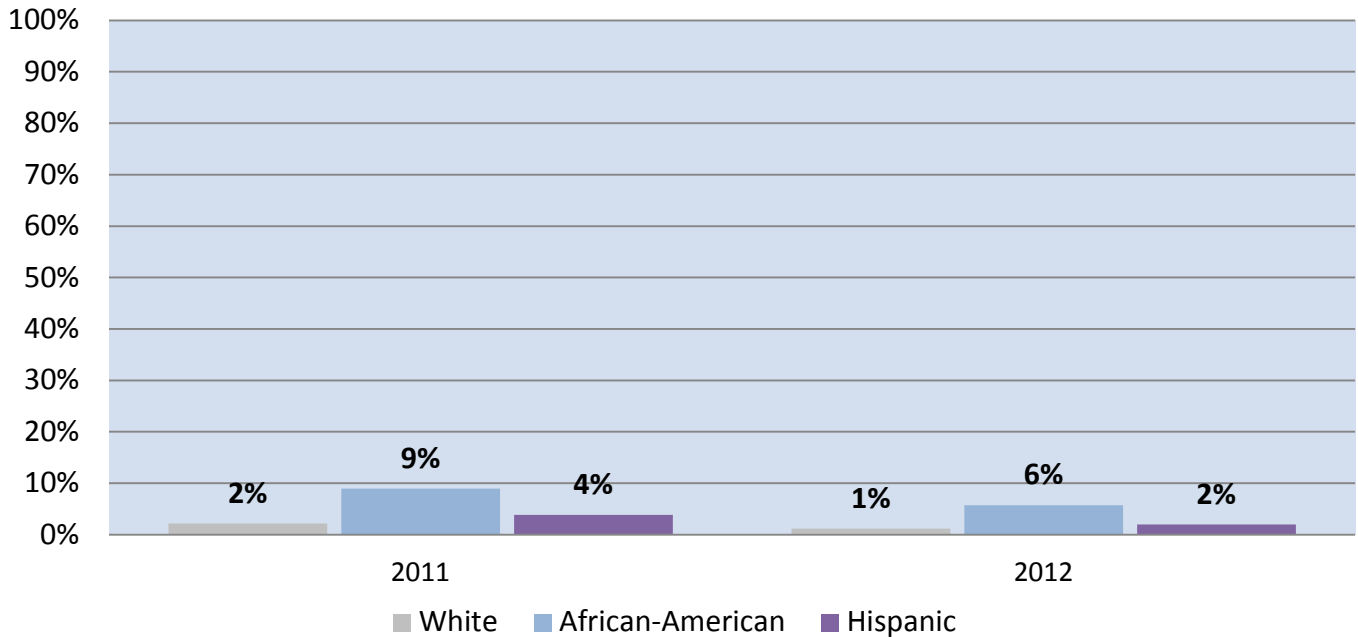


In 2012, 54 percent of White students in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 44 percent in 2011. In 2012, 28 percent of African-American students in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 19 percent in 2011. In 2012, 47 percent of Hispanic students in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 34 percent.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
Achievement Level 1
First-Time Testers**

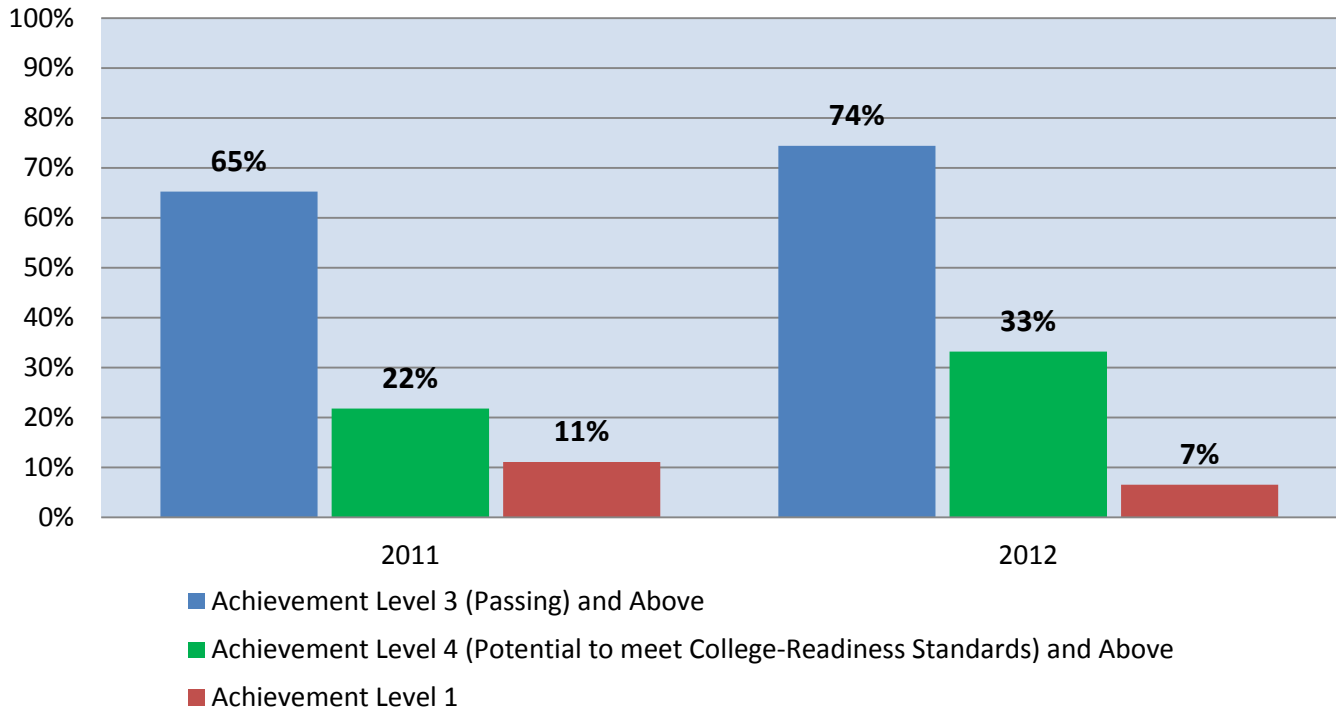


In 2012, 1 percent of White students in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 2 percent in 2011. In 2012, 6 percent of African-American students in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 9 percent in 2011. In 2012, 2 percent of Hispanic students in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 4 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
By Achievement Level
Students with Disabilities
First-Time Testers**

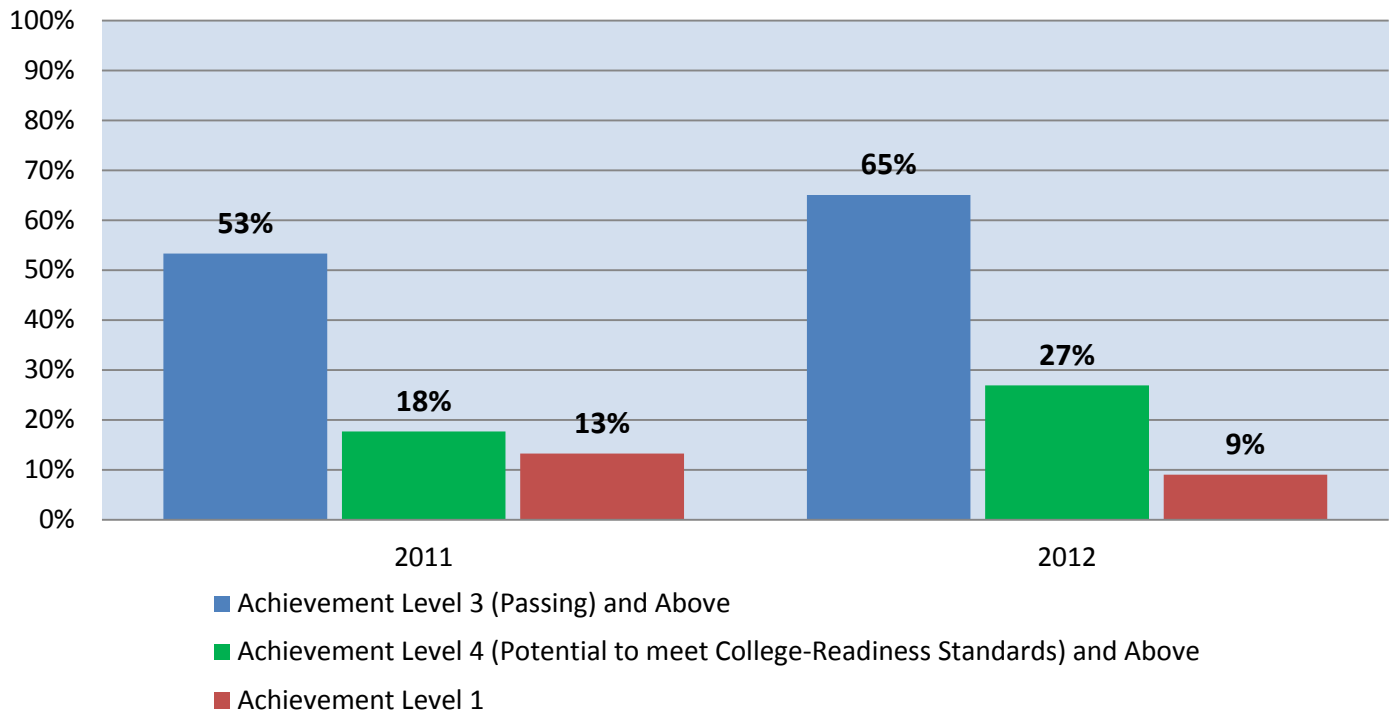


In 2012, 74 percent of Students with Disabilities in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 65 percent in 2011. In 2012, 33 percent of Students with Disabilities in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 22 percent in 2011. In 2012, 7 percent of Students with Disabilities in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 11 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 6, 7, and 8

**Algebra 1 EOC Assessment
By Achievement Level
English Language Learners
First-Time Testers**

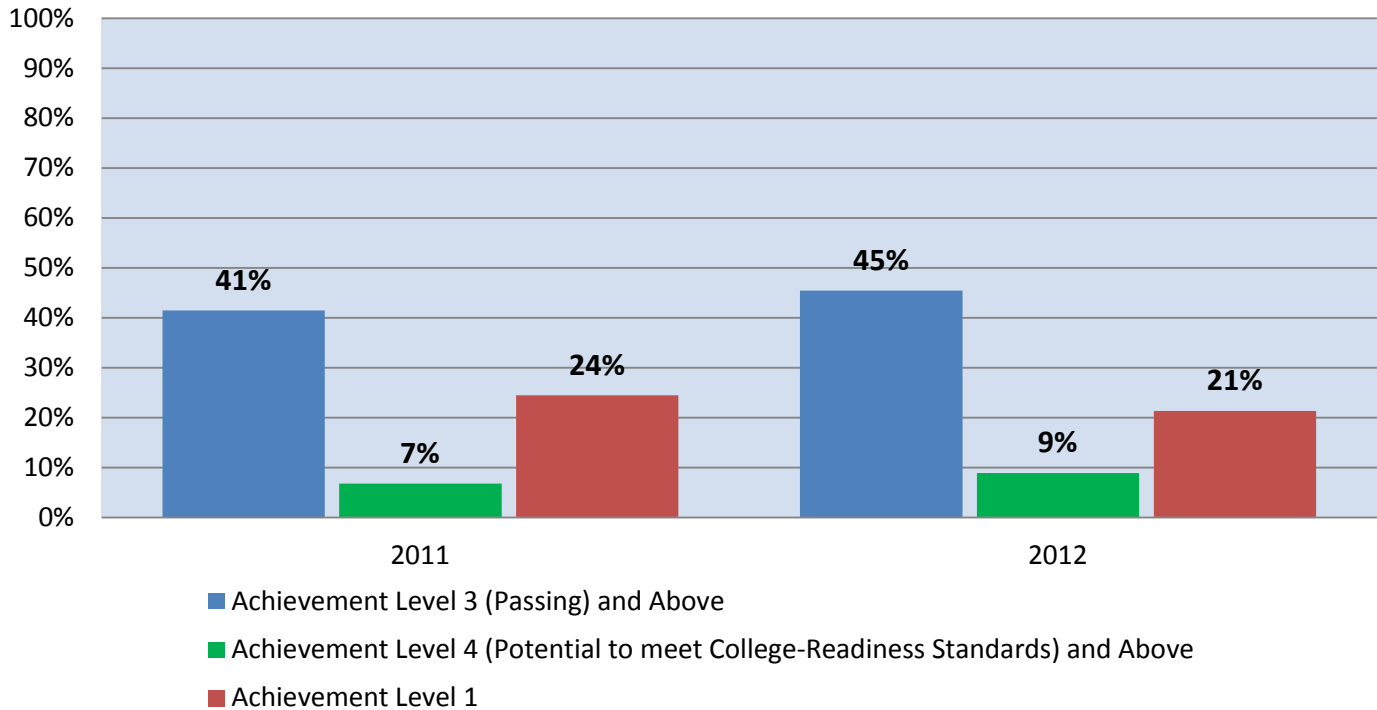


In 2012, 65 percent of English Language Learners in grades 6, 7, and 8 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 53 percent in 2011. In 2012, 27 percent of English Language Learners in grades 6, 7, and 8 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 18 percent in 2011. In 2012, 9 percent of English Language Learners in grades 6, 7, and 8 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 13 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
By Achievement Level
First-Time Testers**

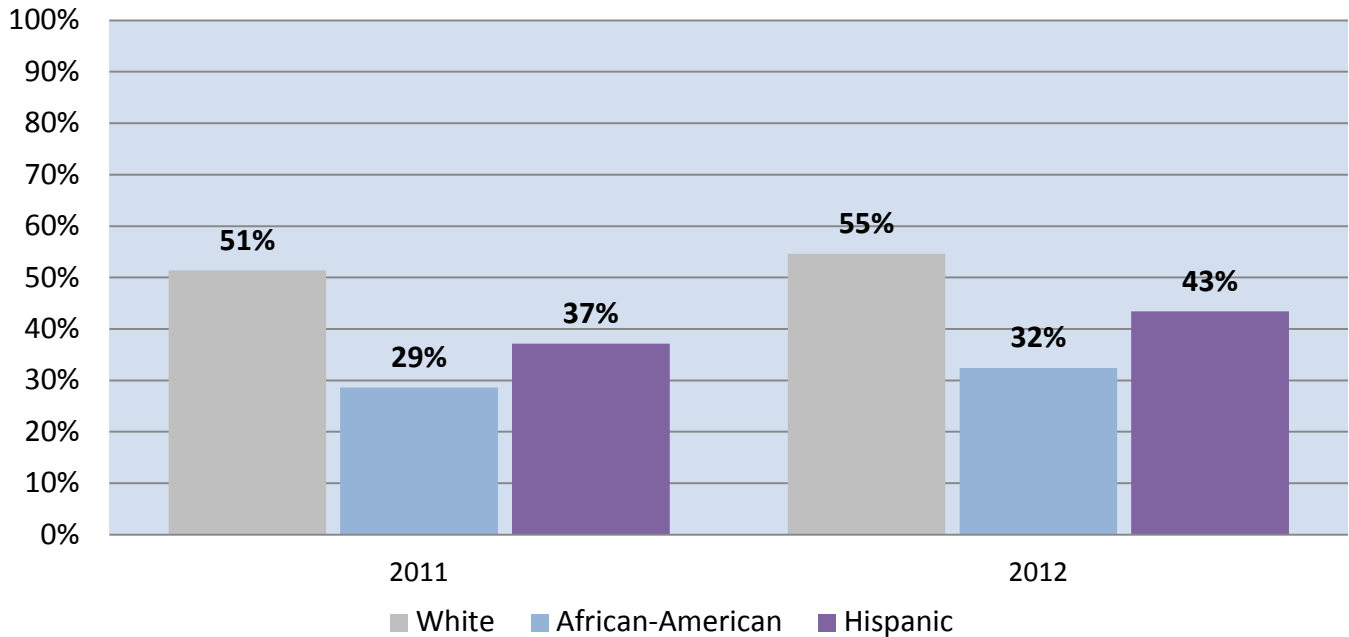


In 2012, 45 percent of students in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 41 percent in 2011. In 2012, 9 percent of students in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 7 percent in 2011. In 2012, 21 percent of students in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 24 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
Achievement Level 3 (Passing) and Above
First-Time Testers**

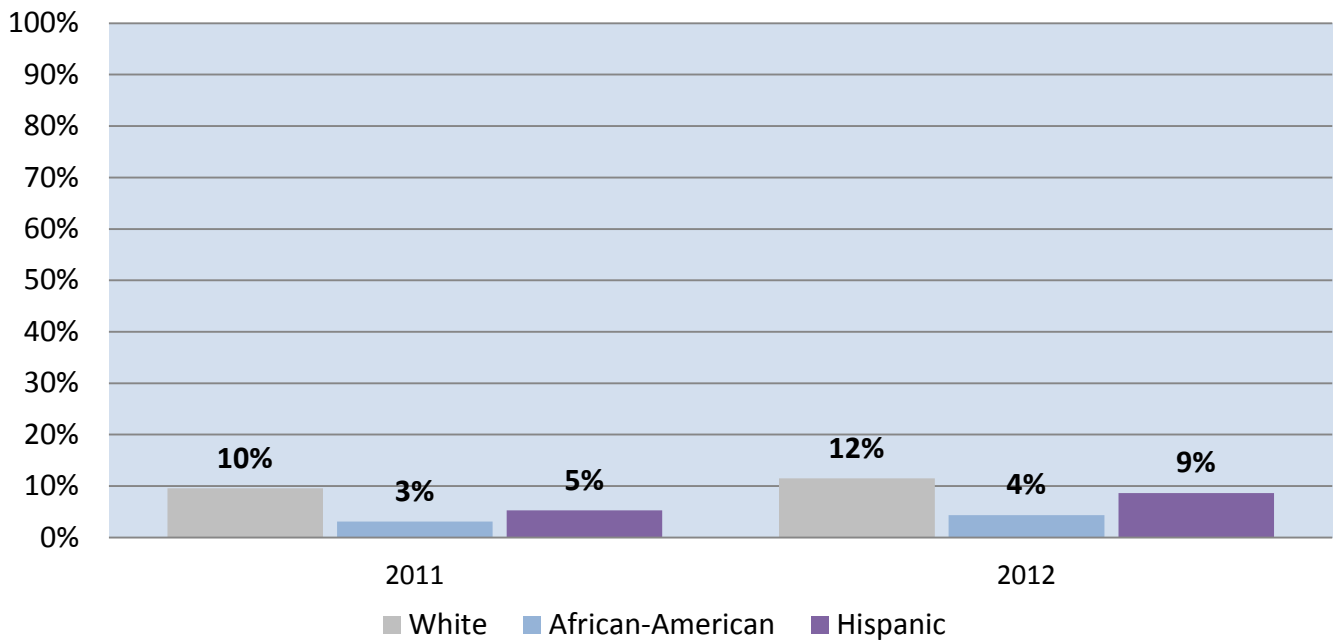


In 2012, 55 percent of White students in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 51 percent in 2011. In 2012, 32 percent of African-American students in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 29 percent in 2011. In 2012, 43 percent of Hispanic students in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 37 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
Achievement Level 4 and Above
(Potential to Meet College-Readiness Standards)
First-Time Testers**

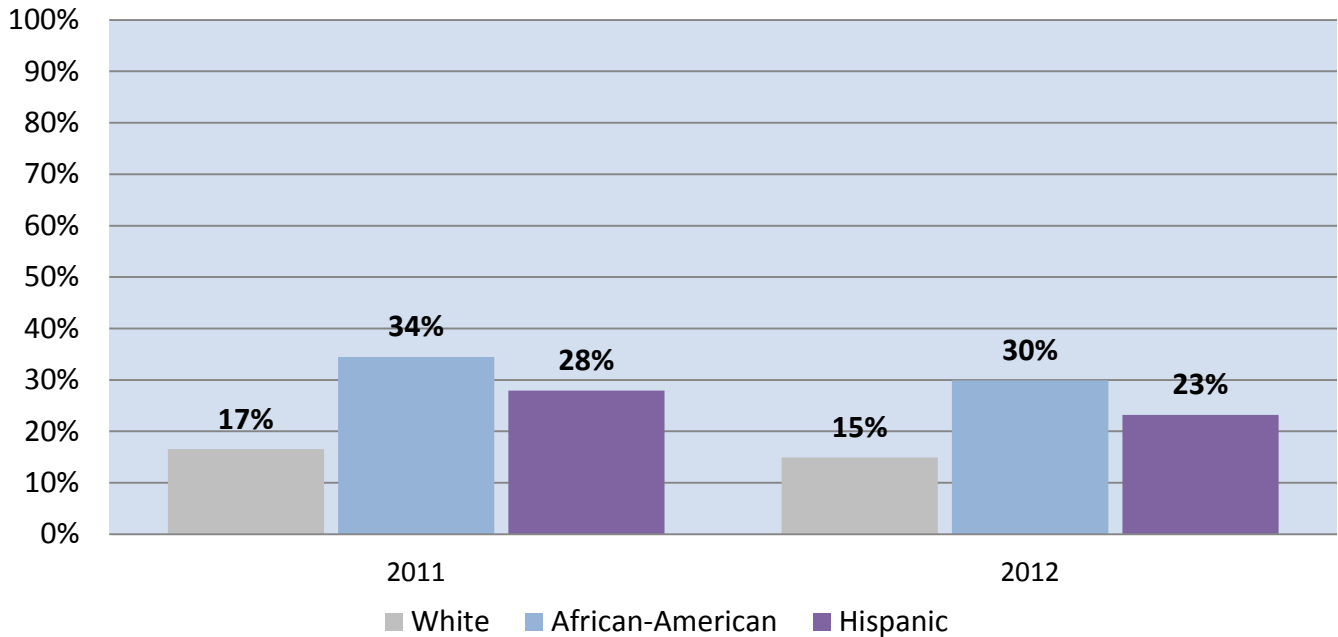


In 2012, 12 percent of White students in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 10 percent in 2011. In 2012, 4 percent of African-American students in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 3 percent in 2011. In 2012, 9 percent of Hispanic students in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 5 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
Achievement Level 1
First-Time Testers**

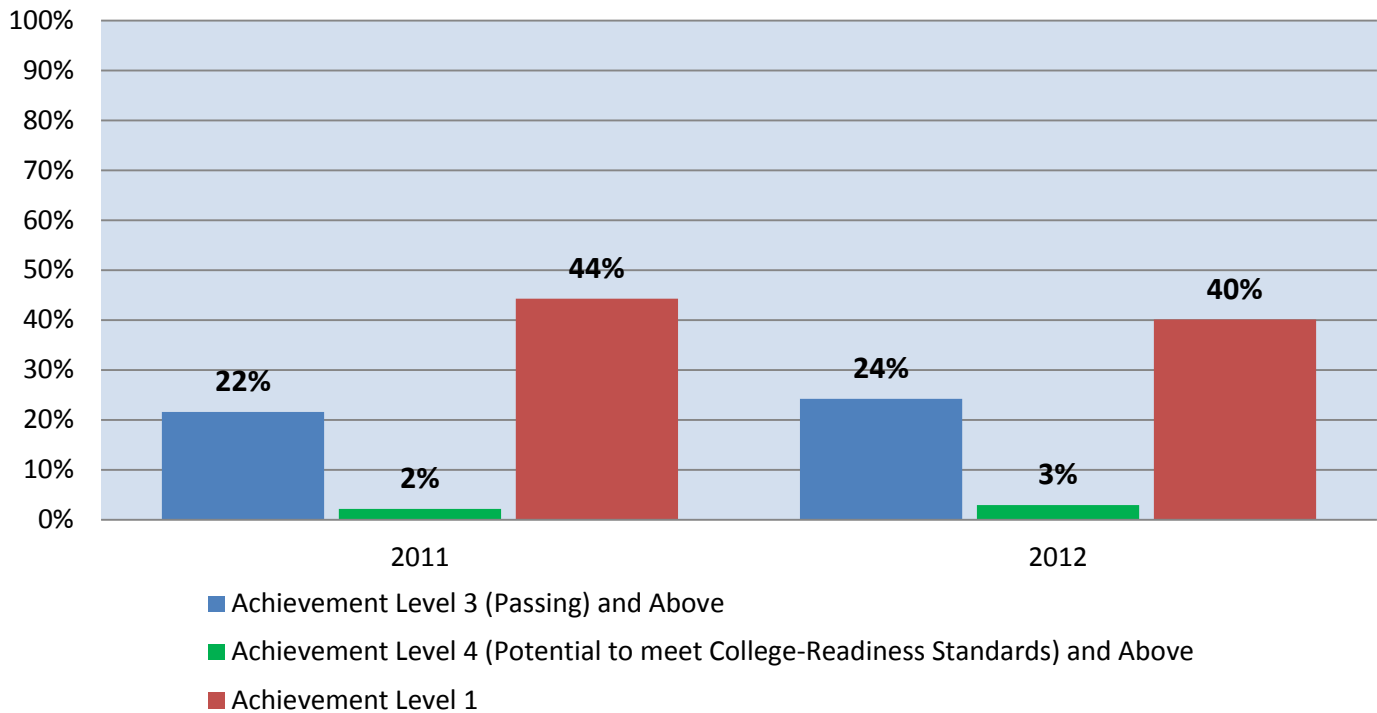


In 2012, 15 percent of White students in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 17 percent in 2011. In 2012, 30 percent of African-American students in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 34 percent in 2011. In 2012, 23 percent of Hispanic students in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 28 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
By Achievement Level
Students with Disabilities
First-Time Testers**

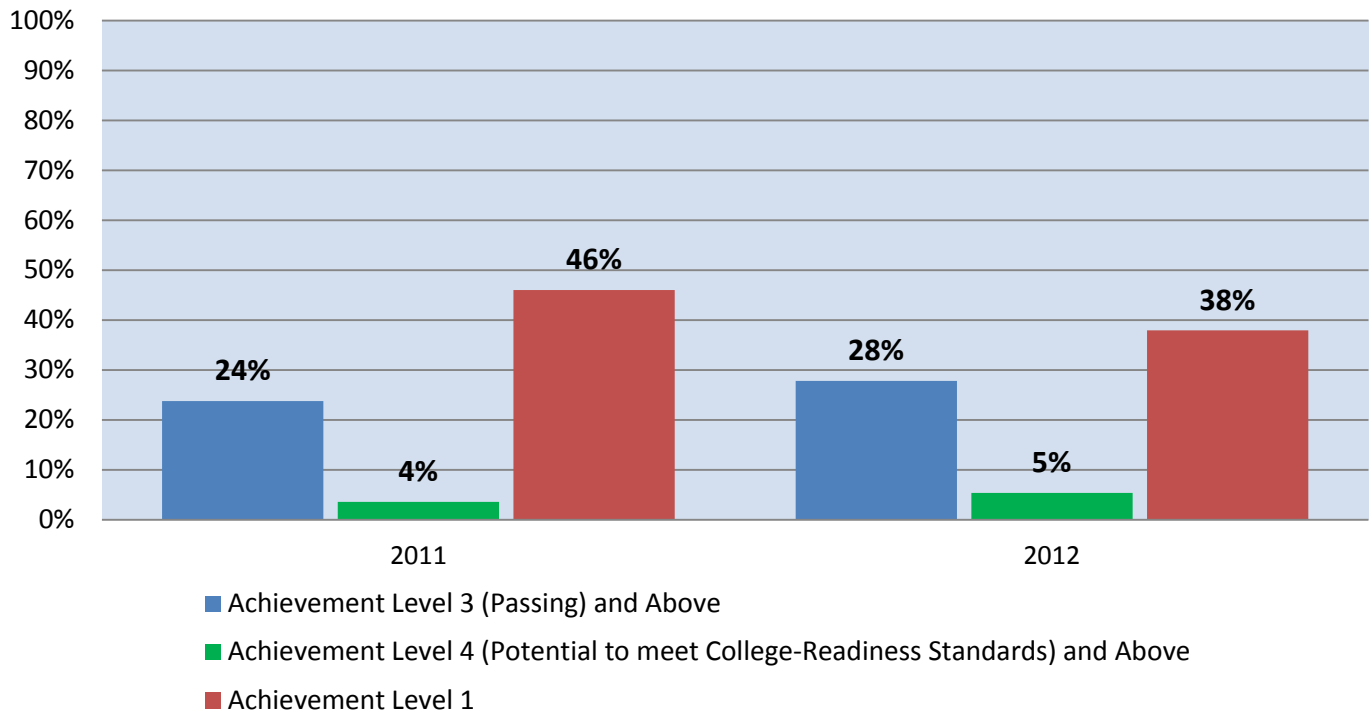


In 2012, 24 percent of Students with Disabilities in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 22 percent in 2011. In 2012, 3 percent of Students with Disabilities in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 2 percent in 2011. In 2012, 40 percent of Students with Disabilities in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 44 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

Grades 9-12

**Algebra 1 EOC Assessment
By Achievement Level
English Language Learners
First-Time Testers**



In 2012, 28 percent of English Language Learners in grades 9-12 were performing at or above Achievement Level 3 (Passing) on the Algebra 1 EOC Assessment. This is an increase from 24 percent in 2011. In 2012, 5 percent of English Language Learners in grades 9-12 were performing at or above Achievement Level 4 (Potential to Meet College-Readiness Standards) on the Algebra 1 EOC Assessment. This is an increase from 4 percent in 2011. In 2012, 38 percent of English Language Learners in grades 9-12 were performing at Achievement Level 1 on the Algebra 1 EOC Assessment. This is a decrease from 46 percent in 2011.

Source: K20 Education Data Warehouse
Florida Department of Education, June 2012

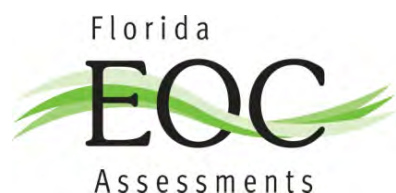
Grades 6-12

2012¹ Algebra 1 EOC Assessment Results
Percentage Comparison by District
First-Time Testers

District	Percentage of Students at Achievement Level 1	Percentage of Students at Achievement Level 3 and Above	Percentage of Students at Achievement Level 4 and Above
STATEWIDE TOTALS	15%	58%	22%
ALACHUA	13%	65%	31%
BAKER	13%	62%	22%
BAY	10%	66%	25%
BRADFORD	13%	57%	7%
BREVARD	8%	68%	23%
BROWARD	14%	63%	27%
CALHOUN	11%	65%	32%
CHARLOTTE	12%	65%	21%
CITRUS	11%	65%	23%
CLAY	10%	65%	23%
COLLIER	17%	60%	27%
COLUMBIA	14%	58%	16%
DADE	18%	56%	20%
DESOTO	19%	56%	15%
DIXIE	1%	71%	12%
DUVAL	17%	48%	11%
ESCAMBIA	11%	65%	23%
FLAGLER	8%	66%	20%
FRANKLIN	22%	48%	11%
GADSDEN	24%	39%	6%
GILCHRIST	4%	71%	20%
GLADES	8%	62%	18%
GULF	5%	73%	20%
HAMILTON	29%	34%	8%
HARDEE	15%	53%	13%
HENDRY	17%	50%	10%
HERNANDO	16%	56%	17%
HIGHLANDS	9%	66%	23%
HILLSBOROUGH	16%	57%	22%
HOLMES	15%	56%	17%
INDIAN RIVER	16%	52%	16%

¹ This table includes student results of first-time testers in both the Winter and Spring Algebra 1 EOC administrations

District	Percentage of Students at Achievement Level 1	Percentage of Students at Achievement Level 3 and Above	Percentage of Students at Achievement Level 4 and Above
STATEWIDE TOTALS	15%	58%	22%
JACKSON	11%	56%	20%
JEFFERSON	29%	29%	1%
LAFAYETTE	11%	67%	24%
LAKE	14%	57%	18%
LEE	17%	54%	18%
LEON	9%	70%	30%
LEVY	10%	68%	21%
LIBERTY	3%	65%	14%
MADISON	16%	46%	7%
MANATEE	13%	62%	24%
MARION	13%	59%	22%
MARTIN	9%	70%	28%
MONROE	9%	70%	28%
NASSAU	13%	64%	24%
OKALOOSA	6%	76%	33%
OKEECHOBEE	14%	60%	11%
ORANGE	17%	56%	21%
OSCEOLA	20%	51%	18%
PALM BEACH	17%	58%	26%
PASCO	15%	58%	22%
PINELLAS	20%	52%	16%
POLK	18%	53%	15%
PUTNAM	8%	66%	13%
SANTA ROSA	11%	64%	25%
SARASOTA	7%	75%	35%
SEMINOLE	10%	69%	27%
ST. JOHNS	4%	82%	41%
ST. LUCIE	20%	45%	11%
SUMTER	12%	65%	22%
SUWANNEE	19%	53%	14%
TAYLOR	11%	65%	17%
UNION	6%	72%	22%
VOLUSIA	19%	51%	14%
WAKULLA	13%	67%	30%
WALTON	12%	63%	22%
WASHINGTON	14%	62%	18%



Algebra 1 End-of-Course Assessment Statewide Comparison Report Spring 2011 to Spring 2012

Test Administration ¹	Grade	Number of Students (First-Time Testers)	Mean Scale Score (325-475)	Percentage Passing (Level 3 or Above)	Percentage of Students in Each Achievement Level ²				
					1	2	3	4	5
Spring 2012	All Grades	193,992	402	58	15	26	37	11	10
	6	60	447	95	2	3	2	15	78
	7	13,021	432	94	1	5	28	24	42
	8	49,490	421	86	2	12	41	22	22
	9	112,884	393	48	19	33	38	7	3
	10	13,504	379	25	36	39	23	2	1
	11	3,398	380	28	37	36	23	3	1
	12	1,593	381	33	35	33	25	5	2
	AD	42	386	38	24	38	31	5	2
Winter 2011-12	All Grades	7,811	397	53	19	28	36	10	6
	6	2	*	*	*	*	*	*	*
	7	7	*	*	*	*	*	*	*
	8	121	428	88	2	10	30	17	40
	9	3,865	408	71	9	20	44	17	10
	10	2,188	386	35	28	37	30	4	1
	11	1,017	383	31	33	37	26	2	2
	12	526	383	33	34	33	27	3	2
	AD	85	378	26	41	33	21	4	1
Spring 2011	All Grades	210,004	399	55	18	28	38	10	7
	6	56	427	71	11	18	11	11	50
	7	12,861	427	91	1	8	35	24	33
	8	56,405	415	80	4	16	45	20	15
	9	114,235	392	45	22	34	37	6	2
	10	18,900	380	26	36	38	24	2	0
	11	5,230	379	28	38	34	25	2	1
	12	2,238	382	34	37	29	27	5	2
	AD	76	377	16	33	51	16	0	0

¹ On December 19, 2011, the State Board of Education established new Achievement Level standards for the Algebra 1 End-of-Course Assessment. Spring 2012 is the first time results are being reported according to these new standards. Results from previous test administrations have been converted to the new score scale and are provided in this report so that stakeholders and the general public are able to see what the scores would have been if the new score scale and Achievement Levels had been approved and implemented at that time.

² Percentages may not add to 100 due to rounding.