

**Education and Workforce Development Cabinet**

**Kentucky Board of Education**

**Department of Education**

**(Revised Administrative Regulation)**

**703 KAR 5:200. Next-Generation Learners.**

RELATES TO: KRS 158.6451, 158.6453, 158.6455, 158.860

STATUTORY AUTHORITY: KRS 158.6453; KRS 158.6455

**NECESSITY, FUNCTION, AND CONFORMITY:**

KRS 158.6453 requires the Kentucky Board of Education to create and implement a balanced statewide assessment program that measures the achievement of students, schools and districts, complies with the federal No Child Left Behind Act of 2001, 20 U.S.C. secs. 6301 et seq., or its successor, and ensures accountability. This administrative regulation establishes the assessment and accountability requirements for students.

Section 1. Definitions. (1) "Achievement" means student performance described with the student performance levels of novice, apprentice, proficient and distinguished on state-required content area tests.

(2) "College readiness" means the percentage of middle school students meeting [~~ACT established~~] benchmarks on the high school readiness [~~EXPLORE~~] test that is linked statistically to the ACT test in reading, English or mathematics.

(3) "College- and career-readiness" means a readiness percentage calculated by dividing the number of high school graduates who have successfully met an indicator of readiness for college or career with the total number of graduates.

(4) "Full Academic Year" means 100 or more instructional days of enrollment within the school year.

(5) "Gap" means the percentage of students in the non-duplicated student gap group scoring proficient or distinguished on state-required content area tests **and the reduction of students in the novice performance level in individual student gap groups.**

(6) "Growth" means the percentage of students that show typical yearly growth in reading or mathematics using the student growth percentile **and the individual movement of students from the performance level of novice to apprentice or apprentice to proficient/distinguished.**

(7) "Next-generation instructional programs and supports" means a component of the state-wide accountability system for Kentucky public schools and districts based on reviews of instructional programs.

(8) "Next-generation learners" means a component of the state-wide accountability system for Kentucky public schools and districts based on student data.

(9) "Next-generation professionals" means a component of the state-wide accountability system for Kentucky public schools and districts based on teacher and administrator data.

(10) "Next-generation schools and districts" means a component of the state-wide accountability system that reports performance data for schools and districts.

(11) "Student growth percentile" means each student's rate of change compared to other students with a similar test score history.

(12) "Typical yearly growth" means a student growth percentile at 40 or above.

Section 2. (1) Except as provided in subsections (2) or (3) of this section, Kentucky's accountability system to classify schools and districts shall consist of the following components:

(a) Next-generation learners, as established in this administrative regulation; and

(b) Next-generation instructional programs and support, as established in 703 KAR 5:230.

(2) Following the effective date of an administrative regulation promulgated by the Kentucky Board of Education to establish the requirements for next-generation schools and districts, Kentucky's accountability system to classify schools and districts shall consist of:

(a) The two (2) components included in subsection (1) of this section; and

(b) The next generation schools and districts component.

(3) Following the effective date of an administrative regulation promulgated by the Kentucky Board of Education to establish the requirements for next-generation professionals, Kentucky's accountability system to classify schools and districts shall consist of:

(a) The two (2) components included in subsection (1) of this section;

(b) The next-generation schools and district component, if the administrative regulation referenced in subsection (2) has become effective; and

(c) The next-generation-professionals component.

Section 3. Next-Generation Learners. (1) Data shall be reported for schools and districts in the following categories:

(a) Achievement;

(b) Gap;

(c) Individual student growth;

(d) Readiness for college or career; and

(e) Graduation rate.

(2) Data from individual student performance on state assessments administered as required in KRS 158.6451 and KRS 158.6453 shall be included in the next-generation learners component. This data shall include students with disabilities who participate in the alternate assessment program.

(3) Data in reporting categories shall be attributed to grade level spans for schools and districts as established in this subsection.

(a) Elementary schools shall receive data from achievement, gap, and individual student growth.

(b) Middle schools shall receive data from achievement, gap, individual student growth, and readiness for college.

(c) High schools shall receive data from achievement, gap, individual student growth, readiness for college or career, and graduation rate.

Section 4. Calculations for Reporting Categories. (1) Achievement shall be reported in next-generation learners as established in this subsection.

(a) In elementary, middle, and high schools, for each content area of reading, mathematics, science, social studies, and writing one (1) point for each percent of students scoring proficient or distinguished shall be awarded. One-half (.5) point shall be awarded for each percent of students scoring apprentice. Points shall not be awarded for novice students.

(b) A bonus for distinguished performance shall be calculated as required by this paragraph.

1. The bonus formula shall consider both the percent of students scoring at distinguished and at novice so that a bonus for distinguished student performance shall not overcompensate for novice student performance.

2. Each percent of students scoring distinguished shall receive an additional one-half (.5) point and each percent of students scoring novice shall receive a negative one-half (.5) point.

3. The value generated for novice shall be combined with the value generated for distinguished.

4. Except as provided in subparagraph 6. of this subsection, for schools and districts with a higher distinguished value, the difference between the two (2) values shall be added to the achievement calculation as a bonus for distinguished.

5. For schools and districts with a higher novice value, points shall not be added to the achievement calculation.

6. The distinguished bonus shall not allow the content area value for a school or district to exceed 100 percent.

(c) The following chart shall be used to calculate the points in accordance with paragraphs (a) and (b) of this subsection:

Proficiency Levels	Points Awarded for Each Percent of Students
Novice	0
Apprentice	.5
Proficient	1
Distinguished	1
Bonus for Distinguished (offset	.5 for each percentage of distinguished)

by Novice)	MINUS.5 for each percentage of novice)
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(d)1. In accordance with KRS 158.860(7) and KRS 158.6453(5)(e), a district or school council may determine that high school end-of-course examination results be used for a percentage of a student's final grade in the course.

2. Beginning in the 2011-2012 academic year, end-of-course examinations shall be administered in reading, mathematics, science, and social studies, in accordance with the vendors secured through the state procurement process.

3. If the district or school council's policies do not include end-of-course examination grades in the grading policy or if the end-of-course examination grade percentage is less than twenty (20) percent, the district shall submit an annual report to the Commissioner of Education that provides justification for not using end-of-course examinations for at least twenty (20) percent of a student's final grade in the course.

4. Beginning with the 2012-2013 academic year, the report shall be submitted to the Commissioner of Education on or before December 31.

(2) Gap shall be reported in next-generation learners as established in this subsection.

(a) Gap scores shall be computed based on points from the non-duplicated gap group and the reduction of students in the novice performance level in individual gap groups.

(b) **Non-duplicated gap group calculations:** A single gap group called the non-duplicated gap group shall be created. This group shall consist of an aggregate, non-duplicated count of students in the following demographic categories:

1. African American;

2. Hispanic;

3. American Indian or Native American;

4. Limited English proficiency;

5. Students in poverty based on qualification for free or reduced price lunch; and

6. Students with disabilities that have an Individualized Education Program (IEP).

(b)1. For each tested content area, students scoring proficient or higher in the non-duplicated gap group shall be summed.

2. The sum shall yield a single gap number of students [~~proficient or higher~~] with:

a. No student counting more than one (1) time; and

b. All students in the included groups counted once.

3. The individual content area gap percentages shall be averaged for an overall gap percentage.

(c) The non-duplicated gap group shall have a minimum of ten (10) students per content area in the school or district in order to report gap data.

(d) A maximum total of 500 points shall be awarded for non-duplicated gap calculation. The points shall be distributed equally among the content areas tested.

**(f)Reduction of novice student calculation: Annual novice reduction targets shall be calculated. Points shall be awarded based on the percentage of the annual goal met in the following categories:**

**1. African American;**

**2. Hispanic;**

**3. American Indian or Native American;**

**4. Limited English proficiency;**

1 **5. Students in poverty based on qualification for free or reduced price lunch; and**

2 **6. Students with disabilities that have an Individualized Education Program (IEP).**

3 **(g) The calculations shall be made using the novice reduction in reading and mathematics.**

4 **(h) The novice reduction gap groups shall have a minimum of ten (10) students per content**  
 5 **area in the school or district in order to report gap data.**

6 **(i) A minimum of ten (10) percent novice per content area in the school or district is**  
 7 **required to be included in calculations.**

8 **(j) A maximum of 500 points shall be awarded for the novice reduction calculation. The**  
 9 **points shall be distributed equally among the content areas tested.**

10 (3) Individual student growth shall be reported in next-generation learners as established in this  
 11 subsection.

12 (a) Individual student growth shall be computed based on **points from** a student growth  
 13 percentile model and a categorical growth model.

14 (b) At elementary and middle schools, calculations shall include scores from students with data  
 15 from reading assessments across two (2) years and mathematics assessments across two (2)  
 16 years.

17 (c) At high school, calculations shall include scores from students with data from college  
 18 readiness reading and mathematics assessments across two (2) years.

19 (d) **Student growth percentile calculations:** 1. One (1) point shall be awarded for each percent  
 20 of students that shows typical or high growth in reading and one (1) point shall be awarded for  
 21 each percent of students that shows typical or high growth in mathematics.

22 2. Typical yearly growth shall be at or above the fortieth (40<sup>th</sup>) student growth percentile.



3. Points shall not be awarded for students showing lower than typical growth.

(e) For elementary, middle, and high schools, total points shall be 50 [~~100~~] for each content area of reading and mathematics for a total of 100 [~~200~~].

**(f) Categorical growth model calculations: 1. One (1) point shall be awarded for each percent of students that shows movement from novice to apprentice, apprentice to proficient or distinguished or novice to proficient or distinguished in reading and one (1) point shall be awarded for each percent of students that shows movement from novice to apprentice, apprentice to proficient or distinguished, or novice to proficient or distinguished in mathematics.**

**2. One (1) point shall be awarded for each percent of students that remain proficient or distinguished in reading and one (1) point shall be awarded for each percent of students that remain proficient or distinguished in mathematics.**

**3. Points shall not be awarded for students who remain in the same performance levels of novice and apprentice.**

**4. One (1) point shall be subtracted for each percent of students that move from apprentice to novice, proficient or distinguished to apprentice or proficient or distinguished to novice.**

**5. For elementary, middle and high schools, total points shall be fifty (50) for each content area of reading and mathematics and a total of 100.**

(4) College-and-career-readiness shall be reported in next-generation learners as established in this subsection.

(a) A readiness percentage for each high school shall be calculated by dividing the number of high school graduates that have successfully met at least one (1) indicator of readiness, as listed

in paragraph (b) of this subsection, by the total number of graduates. An individual student shall only be attributed to the calculation one (1) time.

(b) The indicators of readiness shall include the percent of students meeting:

1. The Kentucky Council on Postsecondary Education's System-wide Benchmarks on the ACT in Reading, English and Mathematics established in "College Readiness Indicators", incorporated by reference in 13 KAR 2:020;

2. The Kentucky Council on Postsecondary Education's College Placement Test Benchmarks established in "College Readiness Indicators", incorporated by reference in 13 KAR 2:020; or

3. The career measures as recognized by the Kentucky Board of Education.

(c)1. An individual student shall earn a bonus of one-half (.5) point in the calculation of the readiness percentage if the student met:

a. Either the:

(i) System-wide Benchmarks on the ACT in Reading, English and Mathematics as established in 13 KAR 2:020; or

(ii) College Placement Test Benchmarks as established in 13 KAR 2:020; and

b. The career measures as recognized by the Kentucky Board of Education.

2. The bonus shall not allow the calculation of the readiness percentage for a school or district to exceed 100 percent.

(d) For middle schools, a readiness for college percentage shall be calculated by determining the percentage of students who meet the ~~[ACT-EXPLORE]~~ benchmarks for reading, English, and mathematics on the high school readiness test that is linked statistically to the ACT test [as

~~established by ACT, Inc. based on the data from the national administrations of the ACT EXPLORE].~~

(e) For middle schools, the percent of students in each tested area of reading, English, and mathematics meeting the benchmark score shall be averaged. This value shall be reported as the middle school college readiness percentage.

(5) Graduation rate shall be reported in next-generation learners as established in this subsection.

(a) The [In accordance with the requirements in "Briefing Packet: Graduation Rate Data 2010 State Trends", the] graduation rate shall be computed using the cohort graduation rate.

~~[1. Averaged freshman graduation rate for the years of 2011-2012 and 2012-2013; or~~

~~2. The cohort graduation rate beginning with the 2013-2014 year.]~~

(b) The graduation rate for each school and district shall be reported publicly by the Department of Education in the next-generation learners component. ~~[Graduation rate data shall be lagged one (1) year for reporting.]~~

(6) The total points for next-generation learners shall be awarded as follows:

(a) The total number of points earned in each category of achievement, gap, individual student growth, readiness for college or career, and graduation rate shall be weighted in the following manner:

Grade Range	Achievement	Gap	Growth	Readiness for College for Career	Graduation Rate	Total

Elementary	<del>40</del> [30]	30	<del>30</del> [40]	n/a	n/a	100
Middle	28	28	28	16	n/a	100
High	20	20	20	20	20	100

(b) The total number of points in next-generation learners shall classify schools and districts into one (1) of three (3) classifications:

1. Distinguished;
2. Proficient; and
3. Needs improvement.

(c) Within each of the three (3) classifications, public reports by the Department shall indicate the direction in which school and district performance is moving compared to the prior year report.

(d) In accordance with KRS 158.6455, the Kentucky Board of Education shall amend this administrative regulation or promulgate a new administrative regulation to determine the placement of schools and districts into one (1) of three (3) classifications and the establishment of goals using a standard-setting process utilizing results from the first operational administration of new assessments in 2011-2012. The process shall:

1. Be advised by the National Technical Advisory Panel on Assessment and Accountability; School Curriculum, Assessment and Accountability Council; and the Office of Education Accountability;
2. Use accepted technical procedures and involve Kentucky school and district administrators and teachers; and

3. Be reviewed by the Kentucky Board of Education. Following its review, the Kentucky Board of Education shall approve the final cut scores and goals that determine placement in one (1) of the three (3) classifications by administrative regulation.

(e) If data cannot be calculated for any category of next-generation learners, the weights shall be redistributed using an equal proportion to categories that shall be reported for the school or district.

(7)(a) Students enrolled for a full academic year shall be included in the calculations for achievement, gap, individual student growth, and readiness for college or career for a school and district.

(b) Graduation rate calculations shall include both students enrolled and students earning diplomas.

~~[Section 5. Incorporation by Reference. (1) "Briefing Packet: Graduation Rate Data 2010 State Trends", August 2, 2011, is incorporated by reference.~~

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~~Ky.R. 627; 1329; eff. 2-3-2012.)~~