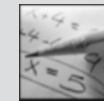


State Content Area Summary Report

Test Date: Spring 2016

Content Areas:



Algebra I



Biology



Literature

This report provides valuable information about performance on the Pennsylvania Keystone Exams. It displays information about how Commonwealth students performed by content area.

The Commonwealth's goal is to enable all students to become lifelong learners and reach their full potential.

About the Keystone Exams

The Keystone Exams are end-of-course assessments designed to evaluate student performance on academic content. The purpose of the Algebra I, Biology, and Literature Keystone Exams is to measure student, educator, and school accountability. Keystone Exams are designed to be administered to students at or near the end of a Keystone-related course. Students' results are banked until their junior year for accountability purposes. Keystone Exams are one component of Pennsylvania's system of high school graduation requirements affecting students in the class of 2019 and beyond.

These tests were developed by Pennsylvania educators and were aligned to the standards adopted by the Pennsylvania State Board of Education. The results help students, parents, and educators understand how well rigorous expectations for student achievement in core subject areas are being met.

www.pdesas.org

All Content Areas



pennsylvania
DEPARTMENT OF EDUCATION

KEYSTONE EXAMS ITEMS

Common items within a content area are administered to all eligible students regardless of the exam form they are assigned. Only the common items are used in determining students' scores and their corresponding performance levels. This practice ensures all students are evaluated using the same set of items.

Field Test items vary between forms. These items are included only as a means for gathering statistical information about an item that might be used in a future assessment. Field Test items are not included in the results of students, schools, or the district.

KEYSTONE EXAMS SCORES

The Keystone Exam score is a scale score computed from the number of points a student receives on the exam (i.e., raw score). For every possible raw score on an exam form, there is a corresponding scale score. Most state testing programs use scale scores for reporting purposes. A given scale score has the same interpretation regardless of the length or difficulty of the exam. For example, a scale score of 1300 always implies the same level of student performance and always falls in the same performance level. The student's Keystone Exam scale score is used to identify the student's performance level. The items on the Keystone Exams change with each administration, but they continue to measure the same Assessment Anchors and Eligible Content.

KEYSTONE EXAMS PERFORMANCE LEVELS



Advanced: Superior academic performance indicating an in-depth understanding and exemplary display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content.



Proficient: Satisfactory academic performance indicating a solid understanding and adequate display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content.



Basic: Marginal academic performance indicating work approaching, but not yet reaching, satisfactory performance. Performance indicates a partial understanding and limited display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content. The student may need additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.



Below Basic: Inadequate academic performance indicating little understanding and minimal display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content. There is a major need for additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

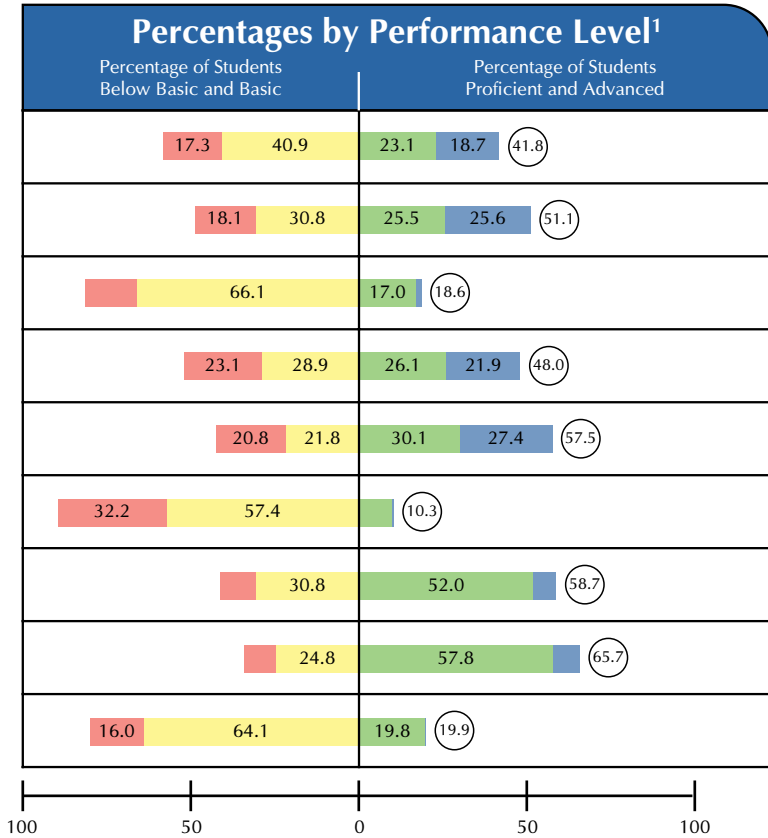
KEYSTONE EXAMS ASSESSMENT ANCHORS AND ELIGIBLE CONTENT

The Keystone Exams Assessment Anchors and Eligible Content are designed to clarify the Academic Standards that may be assessed in the Keystone Exams. An Assessment Anchor is reported only if five or more possible points come from items aligned with the Assessment Anchor. Results based on fewer than five points are not considered statistically reliable.



Performance Level Summary by Content Area

Test Groups	Total Tested	Below Basic		Basic		Proficient		Advanced	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Algebra I State: All Testers	165,414	28,599	17.3	67,701	40.9	38,144	23.1	30,970	18.7
State: First-Time Testers	117,963	21,302	18.1	36,354	30.8	30,099	25.5	30,208	25.6
State: Retesters	47,451	7,297	15.4	31,347	66.1	8,045	17.0	762	1.6
Biology State: All Testers	143,278	33,043	23.1	41,399	28.9	37,392	26.1	31,444	21.9
State: First-Time Testers	114,598	23,805	20.8	24,928	21.8	34,521	30.1	31,344	27.4
State: Retesters	28,680	9,238	32.2	16,471	57.4	2,871	10.0	100	0.3
Literature State: All Testers	130,570	13,688	10.5	40,256	30.8	67,838	52.0	8,788	6.7
State: First-Time Testers	110,580	10,499	9.5	27,449	24.8	63,873	57.8	8,759	7.9
State: Retesters	19,990	3,189	16.0	12,807	64.1	3,965	19.8	29	0.1



¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.
 Summaries are based on students' highest scores to date.
 Please note that the percentages in the tables may not add up to 100% due to rounding.