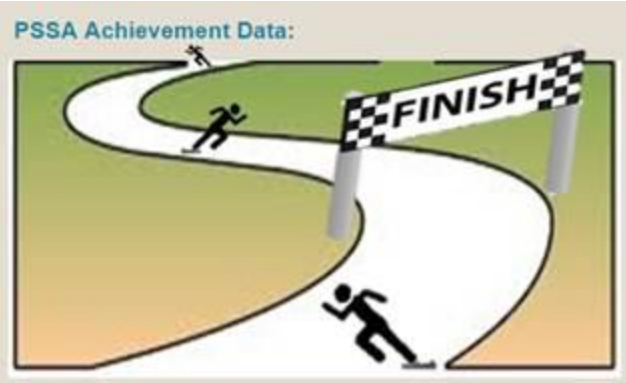
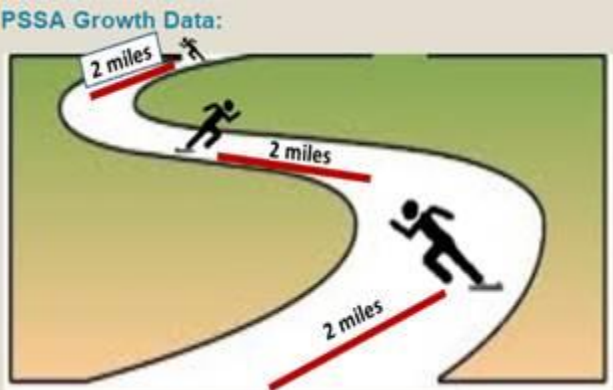


Central Dauphin School District PVAAS Average Growth Index

Algebra I Keystone			Biology Keystone			Literature Keystone		
2016	2017	2018	2016	2017	2018	2016	2017	2018
-9.75	-7.84	-0.77	-7.77	-7.61	-6.27	-3.80	2.51	4.20
2017: Bottom 5% of PA Districts 2018: Bottom 40% of PA Districts			2017: Bottom 3% of PA Districts 2018: Bottom 7% of PA Districts			2017: Top 20% of PA Districts 2018: Top 11% of PA Districts		
2017 13 th out of 14 Dauphin County Districts 2018 11 th out of 14 Dauphin County Districts			2017 12 th out of 13 Dauphin County Districts 2018 12 th out of 14 Dauphin County Districts			2017 3 rd out of 13 Dauphin County Districts 2018 2 nd out of 14 Dauphin County Districts		

PSSA Math						PSSA ELA		
2016	2017	2018				2016	2017	2018
-9.42	-2.29	2.24				-6.71	3.29	2.55
2017: Bottom 28% of PA Districts 2018: Top 24% of PA Districts						2017: Top 12% of PA Districts 2018: Top 20% of PA Districts		
2017 9 th out of 13 Dauphin County Districts 2018 2 nd out of 13 Dauphin County Districts						2017 3 rd out of 13 Dauphin County Districts 2018 7 th out of 13 Dauphin County Districts		

	= Exceeded growth goal: grew much more than a year in one year's time		= Failed to meet growth goal: grew less than one year in one year's time
	= Exceeded growth goal: grew more than a year in one year's time		= Failed to meet growth goal: grew much less than one year in one year's time
	= Met growth goal: grew one year in one year's time		

Achievement Data – PSSA and Keystone Assessments	Growth Data – PVAAS
 <p>PSSA Achievement Data: A runner is shown on a track, approaching a checkered banner that says "FINISH". This represents a single point in time where a student's performance is measured against a standard.</p>	 <p>PSSA Growth Data: A runner is shown on a track, with three red lines and arrows labeled "2 miles" indicating the distance covered over time. This represents measuring growth over a period.</p>
<ul style="list-style-type: none"> • Compares students to grade-level standards. Did the student demonstrate mastery of grade-level skills? How many students showed mastery of grade-level skills? • Compares this year's students to last year's students (apples to oranges). 	<ul style="list-style-type: none"> • Compares a student's performance to her prior performance on PSSA/Keystone assessments. Did the student demonstrate one year's worth of growth in one year? • Compares the same student over time (apples to apples).
<p>Achievement Levels</p> <ul style="list-style-type: none"> ○ Advanced ○ Proficient ○ Basic ○ Below Basic 	<p>Key to Reporting Colors</p> <ul style="list-style-type: none"> ○ Light Blue/Dark Blue: Exceeded growth goal – grew more than a year in one year's time ○ Green: Met growth goal – grew one year in one year's time ○ Yellow/Red: Failed to meet growth goal – grew less than one year in one year's time
<ul style="list-style-type: none"> • Measures students' performance at a single point in time. 	<ul style="list-style-type: none"> • Measures students' progress across time and years.
<ul style="list-style-type: none"> • Results are tied to demographic variables, such as socioeconomic status. Affected by factors outside the control of the district or school. (The playing field is not level because all students and groups of students are measured against the same grade-level standards, even though some students begin the school year many grade-levels below the standard and some students begin the school year many grade-levels above the standard.) 	<ul style="list-style-type: none"> • Results are NOT tied to demographic variables, such as socioeconomic factors. Typically dependent upon quality of curriculum and instruction. (Levels the playing field because each student or group of students is measured against a growth goal that is determined by past performance on PSSA/Keystones.)
<ul style="list-style-type: none"> • Educators cannot influence entering achievement. 	<ul style="list-style-type: none"> • Educators can influence the progress, or growth students make.
<ul style="list-style-type: none"> • Not as sensitive to showing incremental improvement of districts and schools – Groups of students may be making great improvement – moving from the bottom of the Basic category to the top of the Basic category. 	<ul style="list-style-type: none"> • More sensitive in showing incremental improvement of districts and schools. Districts and schools that have multiple years of groups of students that are exceeding the growth goal (growing more than a year in one year's time) will eventually show improved achievement scores.

CDSD ACHIEVEMENT DATA	CDSD GROWTH DATA
<p>Achievement data is reported by the percentage of students who score within the advanced and proficient ranges based on grade level standards.</p>	<p>The Average Growth Index (AGI) is the measure of student growth that takes into account the standard error. This enables a fair comparison of districts and schools.</p>
<p>When PSSA began assessing PA Core Standards in 2015, not only did Central Dauphin's scores drop, so did the vast majority of schools in the state.</p> <p style="text-align: center;"><u>CDSD achievement compared with State average</u></p> <p>ELA PSSA ACHEIVEMENT DATA:</p> <ul style="list-style-type: none"> • Grades 3 – 5 Reading/Writing (ELA): Above the state average for the past 6 years. • Grades 6 – 8 Reading/Writing (ELA): Below the state average for the past 6 years, but closing the gap. • High School Literature: Below the state average for the past 4 years. <p>MATH PSSA ACHEIVEMENT DATA:</p> <ul style="list-style-type: none"> • Grades 3 – 5 Math: Above the state average for 5 of the past 6 years. • Grades 6 – 8 Math: Below the state average for the past 6 years. • Middle School & High School Algebra I: Below the state average for the past 4 years, but closing the gap. <p>SCIENCE PSSA ACHEIVEMENT DATA:</p> <ul style="list-style-type: none"> • Grade 4 Science: Above the state average for 4 of the past 6 years. • Grade 8 Science: Below the state average for the past 6 years. • High School Biology: Below the state average for the last 4 years, but maintaining the gap. 	<ul style="list-style-type: none"> • ELA GROWTH DATA: CDSD's AGI value has increased by 9.26 over the last 3 years. The growth data includes 4th – 8th grade students. • Grades 4 – 5 Reading/Writing (ELA): 12 of the 13 elementary schools met or exceeded the growth goal in 2017. 10 of the 13 elementary schools met or exceeded the growth goal in 2018. • Grades 6 – 8 Reading/Writing (ELA): 2 of 4 middle schools met or exceeded the growth goal in 2017 and 2018. • High School Literature: CDSD's AGI value has increased by 8.00 over the last 3 years. Both high schools met or exceeded the growth goals in 2017 and 2018. <ul style="list-style-type: none"> • MATH GROWTH DATA: CDSD's AGI value has increased by 11.66 over the last 3 years. The growth data includes 4th – 8th grade students. • Grades 4 – 5 Math: 8 of 13 elementary schools met or exceeded the growth goal in 2017. 12 of the 13 elementary schools met or exceeded the growth goal for 2018. • Grades 6 – 8 Math: 1 of 4 middle schools met or exceeded the growth goal in 2017. 2 of 4 middle schools met or exceeded the growth goal in 2018. • Middle School & High School Algebra I: CDSD's AGI value has increased by 8.98 over the last 3 years. 2 of 6 school's that administer the Algebra I Keystone met or exceeded the growth goal in 2017. 4 of 6 school's that administer the Algebra 1 Keystone met or exceeded the growth goal in 2018. <ul style="list-style-type: none"> • SCIENCE GROWTH DATA: • Grade 4 Science: 10 of the 13 elementary schools met or exceeded the growth goal for 2018. • Grade 8 Science: 2 of the 4 middle schools met or exceeded the growth goal for 2018. • High School Biology: CDSD's AGI value has increased by 1.50 over the last 3 years. 0 of the 2 high schools met or exceeded the growth goal for 2018.

Even though CD's achievement scores are not at the level they need to be, the PVAAS data (growth) is showing that CD is moving in the right direction. If this trend continues, results will eventually be reflected in achievement data, PSSA scores.