

# West Perry School District PA Future Ready Index Update Achievement Report

December 11, 2023



# Key Questions



- What is the Future Ready PA Index?
- What is the status of WPSD student achievement?

# FUTURE READY PA INDEX

<https://futurereadypa.org/>



*The Future Ready PA Index is a collection of school progress measures related to school and student success. The Index includes a range of assessment, on-track, and readiness indicators, to more accurately report student learning, growth, and success in the classroom and beyond.*

# FUTURE READY PA INDEX

## What data is available?

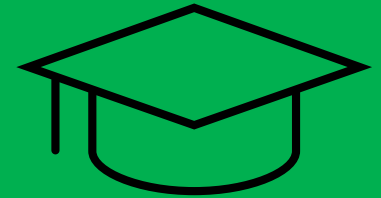
*(by district and by school)*



- ***Demographics***
- ***Student Groups***
- ***Student Performance***
  - ***State Assessment Measures*** *(Achievement and Growth)*
  - ***On-Track Measures*** *(EL, Attendance, Early Indicators of Success)*
  - ***College and Career Measures*** *(Career Standards Benchmarks)*

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## How is Progress Measured?



--Achievement and Growth

--By current and previous performance comparison

--Progress towards goal/standard

- meets or exceeds statewide goal
- meets or exceeds interim target
- not meeting goal/target
- (insufficient info or not applicable)

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## What is proficiency rate (achievement)?

% students scoring a proficient or advanced achievement level on their state assessments

Grades 3-8

ELA, Math

Grades 4, 8

Science

Grades 8-11

Keystone Algebra

Keystone Biology

Keystone Literature

\*student group breakdown & participation rates included

# FUTURE READY PA INDEX



## What is Growth?

The PVAAS Growth Index is converted to a 50-100 point scale. PA Value-Added Assessment System is a statistical analysis used to measure LEA/districts', schools' and teachers' influence on the academic progress rates of groups of students from year to year.

PVAAS also provides indicators of success on future assessments for individual students.

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## What is Growth?

A value-added growth measure is calculated in the following manner:

**GROWTH=CURRENT ACHIEVEMENT** compared to all prior achievement (on PSSA and/or Keystones Exams)

Grades 3-8

ELA, Math

Grades 4, 8

Science

Grades 8-11

Keystone Algebra

Keystone Biology

Keystone Literature



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## Achievement vs. Growth

- **Achievement is about location—Growth is about direction**
- **Achievement measures a student's performance at one single point in time and compares student performance to a standard (often highly correlated to a student's demographics)**
- **Growth measures student's academic performance across time and compares to their own prior performance**

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

## Math Proficiency Rate (& Growth)

<b>Blain</b>	<b>46.8% (81)</b>
<b>Carroll</b>	<b>48.4% (71)</b>
<b>New Bloomfield</b>	<b>41.8% (52)</b>
<b>WPMS</b>	<b>33.4% (73.75)</b>
<b>WPHS</b>	<b>25.5% (54)</b>



## ELA Proficiency Rate (& Growth)

<b>Blain</b>	<b>55.6% (71)</b>
<b>Carroll</b>	<b>54.3% (71)</b>
<b>New Bloomfield</b>	<b>47.1% (63)</b>
<b>WPMS</b>	<b>61.8% (73)</b>
<b>WPHS</b>	<b>81.3% (100)</b>

# Science Proficiency Rate (& Growth)

<b>Blain</b>	<b>69.8% (75)</b>
<b>Carroll</b>	<b>84.9% (52)</b>
<b>New Bloomfield</b>	<b>70.4% (50)</b>
<b>WPMS</b>	<b>64.2% (73)</b>
<b>WPHS</b>	<b>59.7% (69)</b>



# Attendance Rate (lagging data 2021-2022)

**Blain 85.4%**

**Carroll 67.8%**

**New Bloomfield 67.2%**

**WPMS 75.3%**

**WPHS 75.9%**

**Graduation Rate 89.6%**

# 2022-2023 Building Level Scores

<b>Blain</b>	<b>74</b>
<b>Carroll</b>	<b>70.7</b>
<b>New Bloomfield</b>	<b>63.1</b>
<b>WPMS</b>	<b>70.7</b>
<b>WPHS</b>	<b>72.2</b>

# Questions?

