



# Fox Chapel Area School District Student Academic Outcomes Presentation

Fox Chapel Area School District  
Board of Directors Meeting  
October 7, 2019



# AGENDA

- Fox Chapel Area School District Enrollment/Demographics
- PDE Assessment Requirement Review
  - Achievement Reporting Category Definitions
- 2018-2019 PSSA and Keystone Achievement Results



# AGENDA

- Longitudinal Data Analysis
  - 5-Year Trends in Student Achievement
- Advanced Placement (AP) Results
- Pittsburgh Business Times Rankings and other FCASD Accolades



# Fox Chapel Area School District Enrollment and Demographics

<b>SCHOOL</b>	<b>Enrollment</b>	<b>Percent Economically Disadvantaged</b>	<b>Percent Students with Disabilities</b>
<b>Fox Chapel Area HS</b>	1,328	22.0%	11.7%
<b>Dorseyville Middle</b>	937	22.2%	12.6%
<b>Fairview Elementary</b>	374	5.9%	10.9%
<b>Hartwood Elementary</b>	365	23.4%	11.7%
<b>Kerr Elementary</b>	414	41.9%	12.1%
<b>O'Hara Elementary</b>	672	13.1%	9.7%
<b>District Total</b>	4,090	21.5%	11.8%





# Fox Chapel Area School District Enrollment and Demographics

Percent Enrollment by Race/Ethnicity		Additional Information	
American Indian/Alaskan Native	0.1%	Number of Schools	6
Asian	7.8%	Percent of Gifted Students	7%
Black	3.8%	Career and Tech Enrollment	53 Students
Native Hawaiian/Pacific Islander	0.0%	Charter School Enrollment	29 Students
Hispanic	3.6%	Percent Male	52.6%
White	80.3%	Percent Female	47.4%
2 or More Races	4.4%	Geographic Size	34.3 sq miles



# PDE Assessment Requirements

## PSSA– Pennsylvania System of School Assessment

- Grades 3-8 - English Language Arts and Mathematics
- Grades 4 and 8 – Science

“The annual Pennsylvania System School Assessment is a standards-based, criterion-referenced assessment which provides students, parents, educators and citizens with an understanding of student and school performance related to the attainment of proficiency of the academic standards. These standards in English Language Arts, Mathematics, and Science and Technology identify what a student should know and be able to do at varying grade levels. School districts possess the freedom to design curriculum and instruction to ensure that students meet or exceed the standards' expectations.” Source: PDE



# PDE Assessment Requirements

## Keystone Exams

- Algebra, Biology, Literature Exams
- Completed by Grades 9-11 (7-11 for Algebra) but reported in 11<sup>th</sup> Grade

“The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra I, Biology, and Literature. The Keystone Exams are one component of Pennsylvania's new system of high school graduation requirements. Keystone Exams will help school districts guide students toward meeting state standards.” Source: PDE



## PDE Assessment Achievement Reporting Categories

Performance Level	Performance Level Description
<b>Advanced</b>	Reflects superior academic performance. Advanced work indicates an in-depth understanding and exemplary display of the skills included in the PA Core Standards for a student's grade level.
<b>Proficient</b>	Reflects satisfactory academic performance. Proficient work indicates an understanding and adequate display of skills included in the PA Core Standards for a student's grade level.
<b>Basic</b>	Reflects marginal academic performance. Basic work indicates a partial understanding and limited display of the skills included in the PA Core Standards for a student's grade level.
<b>Below Basic</b>	Reflects inadequate academic performance. Below Basic work indicates little understanding and minimal display of the skills included in the PA Core Standards for a student's grade level.



# 2018-2019 PSSA Results

<b>GRADE LEVEL</b>	<b>English Language Arts Percent Pro/Adv</b>	<b>Mathematics Percent Pro/Adv</b>	<b>Science Percent Pro/Adv</b>
<b>3rd</b>	<b>92.0%</b>	<b>92.0%</b>	
<b>4th</b>	<b>92.1%</b>	<b>85.0%</b>	<b>97.0%</b>
<b>5th</b>	<b>87.9%</b>	<b>82.8%</b>	
<b>6th</b>	<b>88.7%</b>	<b>68.4%</b>	
<b>7th</b>	<b>82.9%</b>	<b>69.4%</b>	
<b>8th</b>	<b>83.0%</b>	<b>62.1%</b>	<b>76.6%</b>



# 2018-2019 Keystone Results

SUBJECT AREA	Algebra	Biology	Literature
Percent Proficient/Advanced	89.6%	90.1%	90.4%



## 5-Year Longitudinal Analysis - PSSA

- The PSSA was first aligned with the Pennsylvania Common Core Standards for the 2014-2015 school year.
- The alignment resulted in significant decreases in student achievement across the state.
- Fox Chapel has made consistent incremental achievement gains since the newly aligned assessments.



## 5-Year Longitudinal Analysis - PSSA

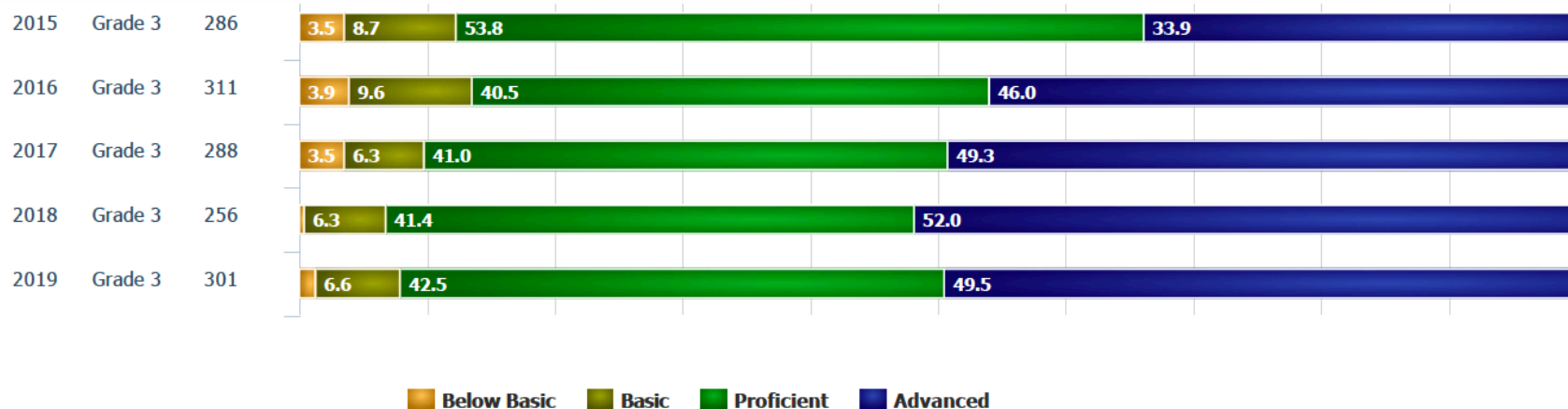
Key data points to review include:

- The overall increase in students who are able to demonstrate grade level skills at a Proficient or Advanced level.
- The significant decrease in students performing at the Below Basic level.
- The increase in students who demonstrate grade level skills at the Advanced level.



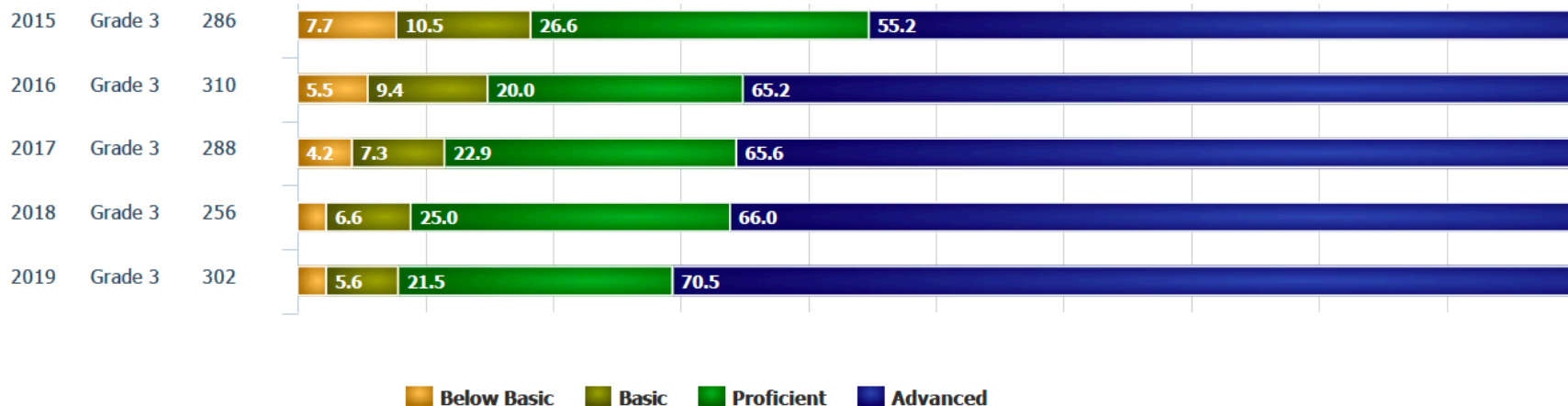


# 5-Year Longitudinal Analysis – Grade 3 English Language Arts



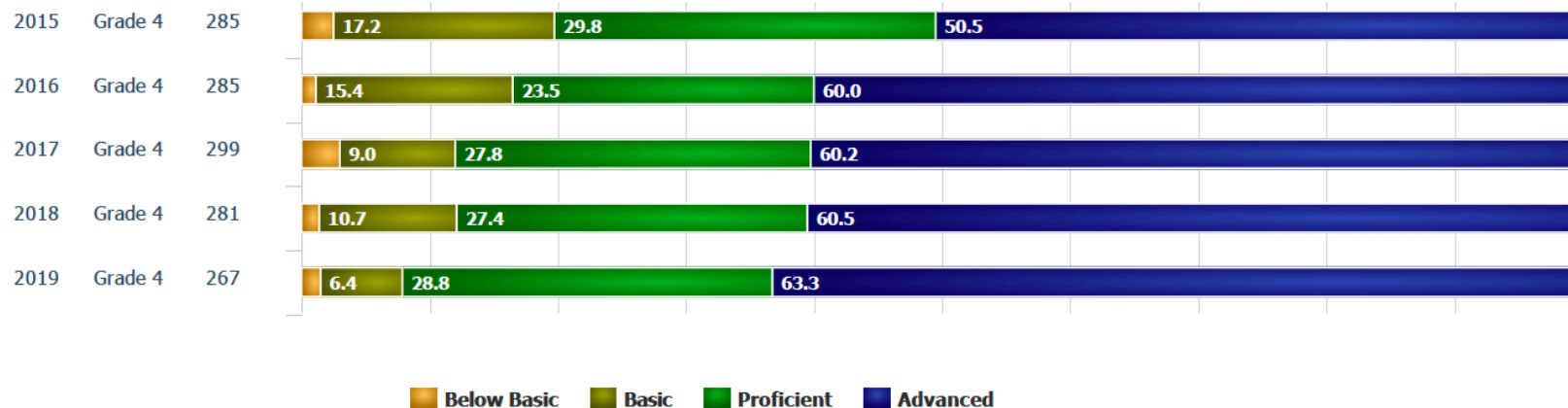


# 5-Year Longitudinal Analysis – Grade 3 Mathematics



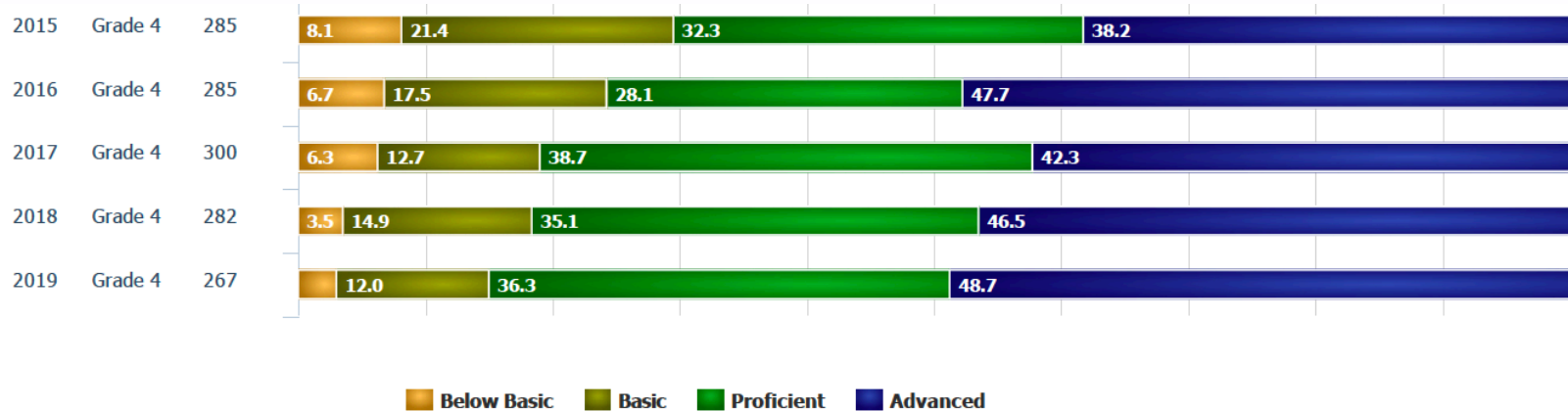


# 5-Year Longitudinal Analysis – Grade 4 English Language Arts



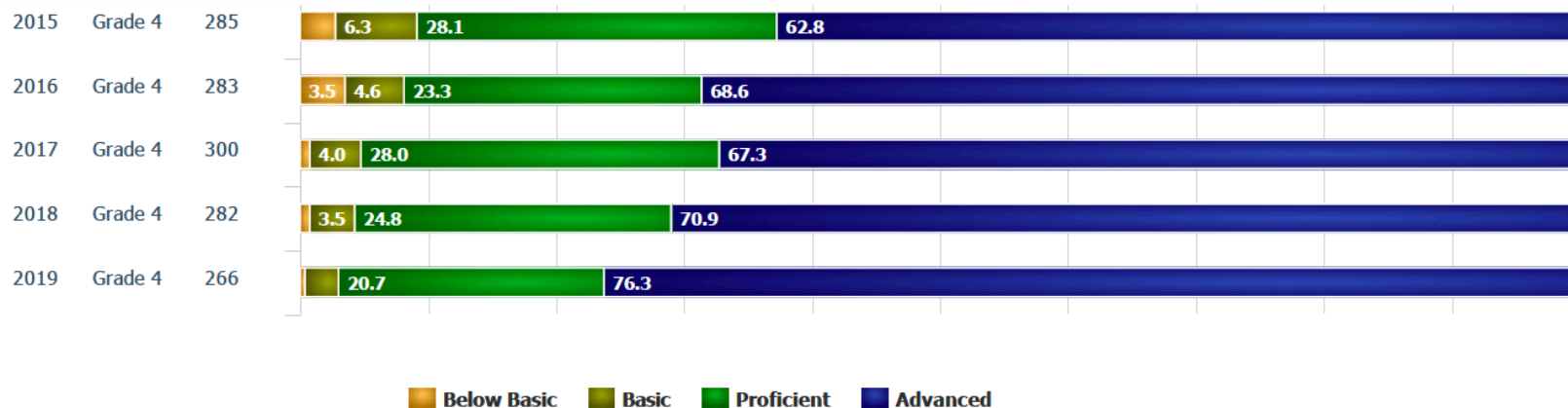


# 5-Year Longitudinal Analysis – Grade 4 Mathematics



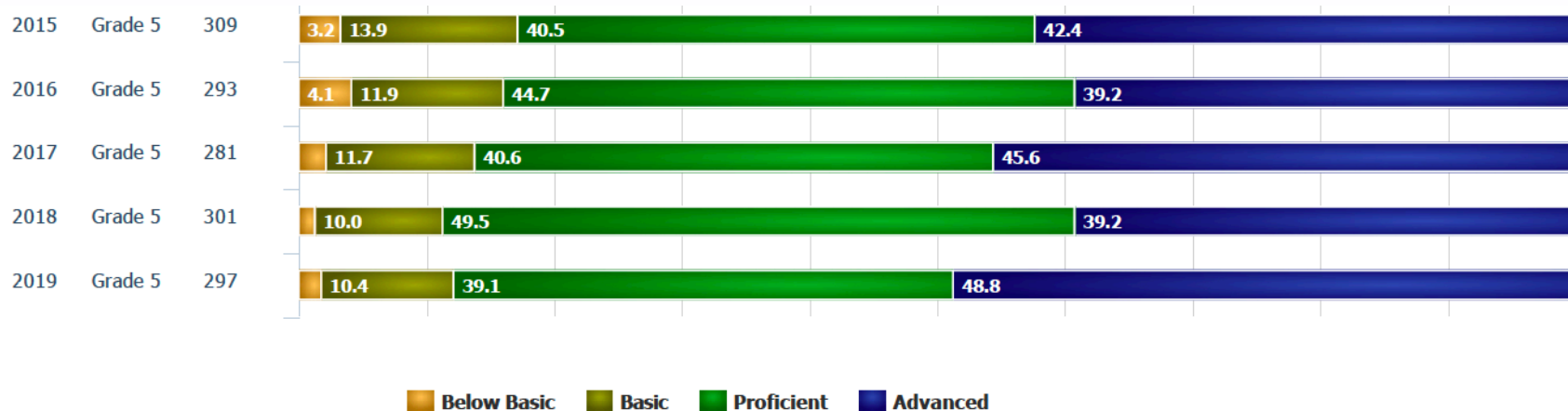


# 5-Year Longitudinal Analysis - Grade 4 Science



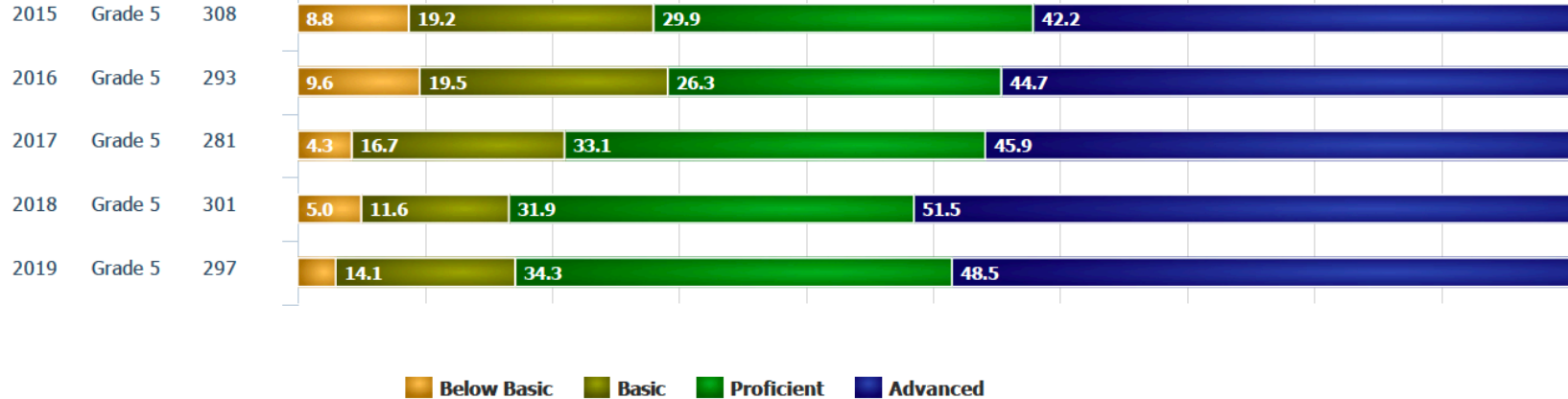


# 5-Year Longitudinal Analysis – Grade 5 English Language Arts



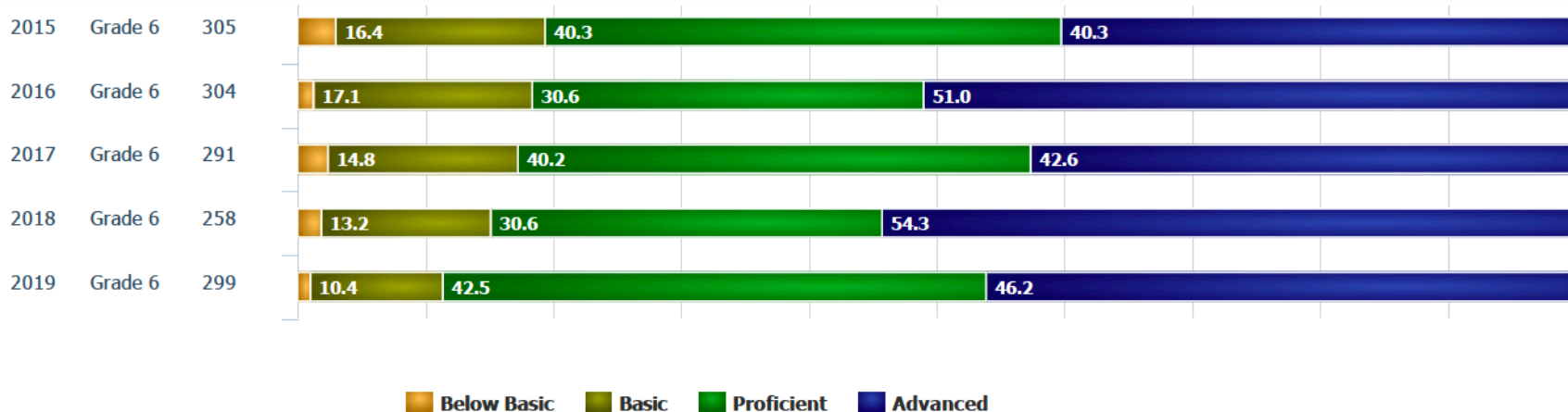


# 5-Year Longitudinal Analysis - Grade 5 Mathematics





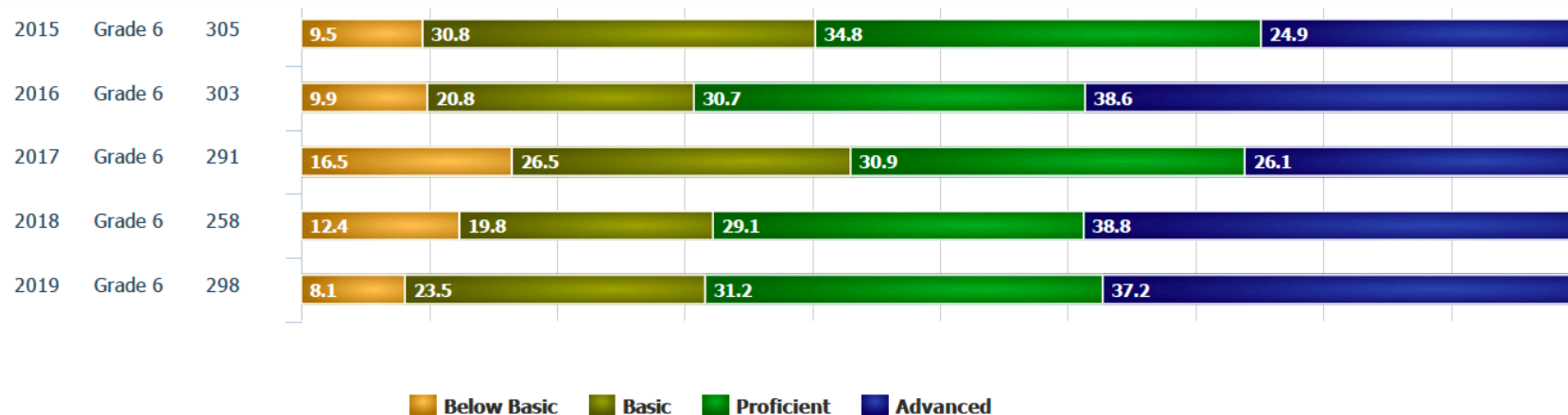
# 5-Year Longitudinal Analysis - Grade 6 English Language Arts





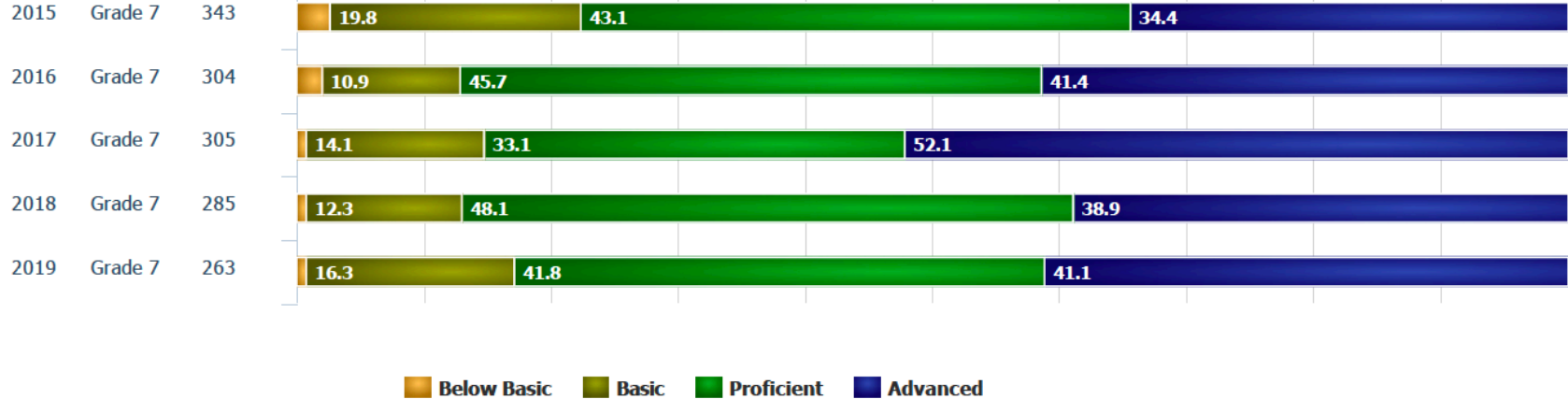


# 5-Year Longitudinal Analysis – Grade 6 Mathematics



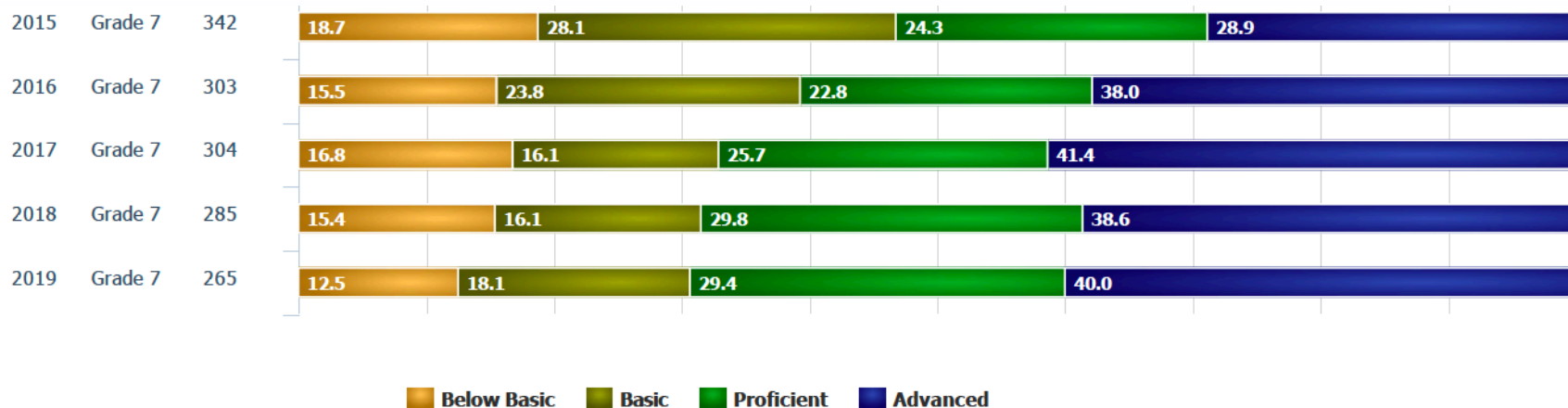


# 5-Year Longitudinal Analysis – Grade 7 English Language Arts



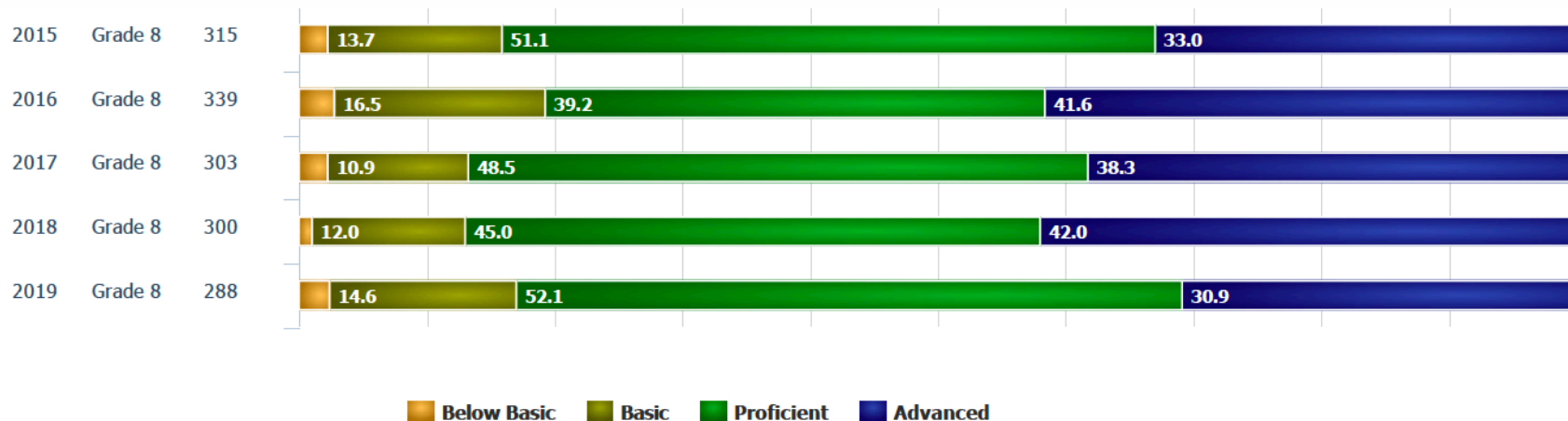


# 5-Year Longitudinal Analysis – Grade 7 Mathematics



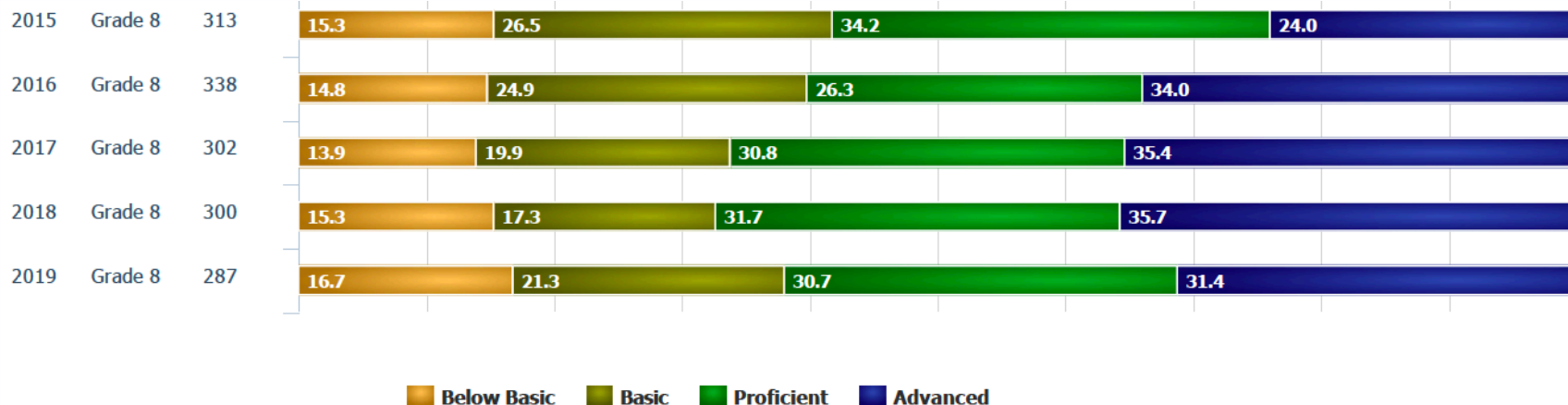


# 5-Year Longitudinal Analysis – Grade 8 English Language Arts



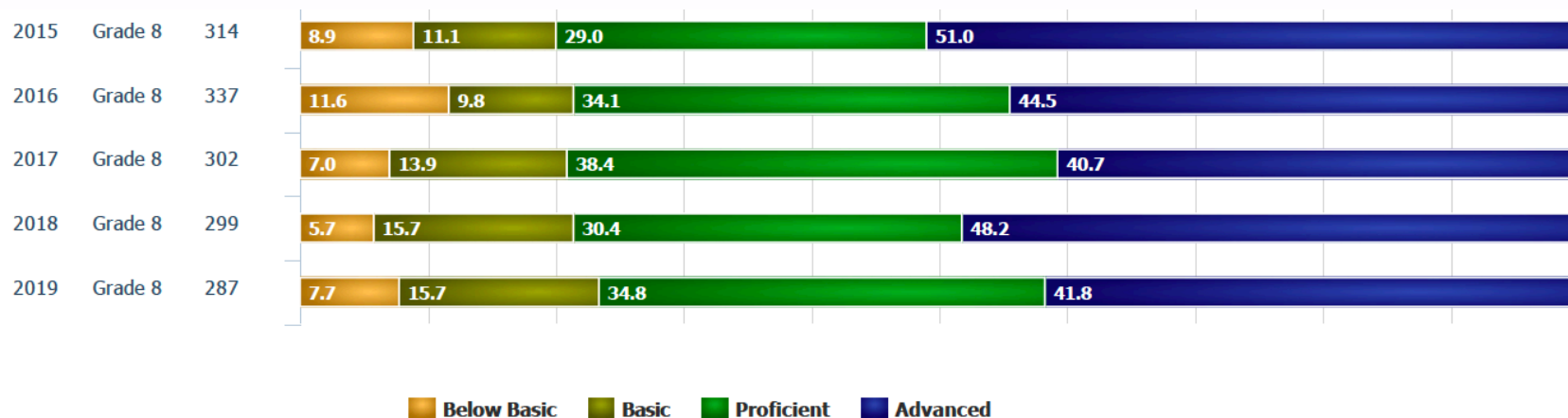


# 5-Year Longitudinal Analysis – Grade 8 Mathematics





# 5-Year Longitudinal Analysis – Grade 8 Science





## 6-Year Longitudinal Analysis – Keystone Exam Achievement Results

<b>FCAHS</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>ALGEBRA</b>	89.0%	89.2%	92.8%	89.9%	90.9%	<b>89.6%</b>
<b>BIOLOGY</b>	81.4%	79.6%	93.8%	90.4%	91.1%	<b>90.1%</b>
<b>LITERATURE</b>	90.0%	91.9%	95.9%	96.1%	93.4%	<b>90.4%</b>

Source: Pennsylvania School Performance Profile (SPP) – 2014-2018 includes all students who take the Keystone or PASA and were enrolled for a full academic year. 2019 not yet available from PDE, percentages listed are estimations based on raw data and do not include PASA and Attribution.



# Fox Chapel Area High School Advanced Placement (AP) Results

	2015	2016	2017	2018	2019
Total AP Students	309	338	299	338	339
Number of Exams	613	690	622	696	714
AP Students with Scores 3+	295	312	280	316	321
% of Total AP Students with Scores 3+	95.5	92.3	93.6	93.5	94.7





# Fox Chapel Area High School 2019 SAT Results

	Fox Chapel Area SAT Average	National SAT Average
<b>EBRW</b>	608	536
<b>Math</b>	616	531

*EBRW = Evidence-Based Reading & Writing*

*A total of 258 members (78 percent) of the 329 students in the Class of 2019 took the SAT during their junior or senior year.*



Spring 2019

## Pittsburgh Business Times Rankings

Rankings were compiled using a proprietary formula based on three years of standardized test scores from the Pennsylvania Department of Education.

Fox Chapel Area  
School District –  
Pittsburgh Area School  
District Rank Change

2018  
rank:  
4

2019  
rank:  
2



# Spring 2019 Pittsburgh Business Times Regional Rankings

1. Upper Saint Clair	7. North Allegheny
2. Fox Chapel Area	8. Pine-Richland
3. South Fayette Township	9. Franklin Regional
4. Mt. Lebanon	10. Mars Area
5. Peters Township	11. Quaker Valley
6. Hampton Township	12. North Hills

# 2019 HONOR ROLL RANK

## STATEWIDE PUBLIC DISTRICTS

**5**

**FOX CHAPEL AREA  
SCHOOL DISTRICT**



ALLEGHENY COUNTY

2018 RANK  
(PRIOR YEAR)

**8**

2017 RANK  
(TWO-YEARS  
PRIOR)

**13**

AVERAGE  
14-YEAR RANK  
(2006-2019)

**12.43**

**2018:** First time  
Fox Chapel  
Area School  
District broke  
into top 10

**2019:** Rank  
increase to 5th  
in the State



# 11 Year Pittsburgh Business Times Rankings for Fox Chapel Area SD

YEAR	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	<b>2019</b>
STATE RANK	14	14	11	12	12	13	13	16	13	8	<b>5</b>

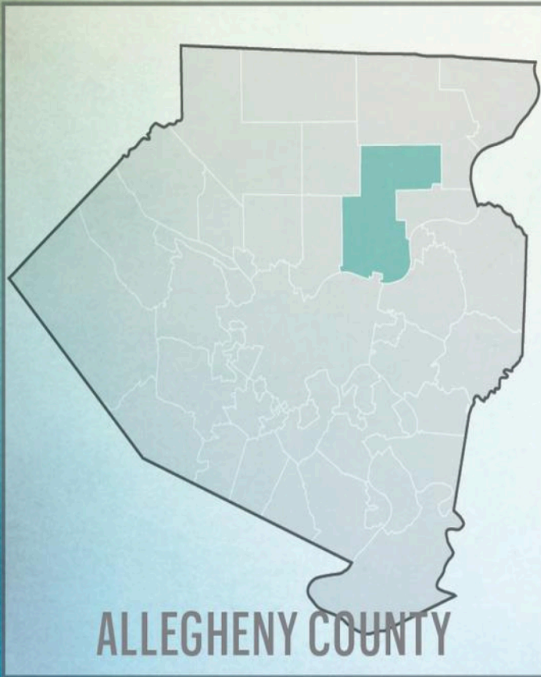
Rank represents Fox Chapel Area School District's achievement ranking out of almost 500 Pennsylvania public school districts

# 2019 OVERACHIEVER RANK

## LOCAL PUBLIC DISTRICTS

**4**

**FOX CHAPEL AREA  
SCHOOL DISTRICT**



2019 LOCAL  
HONOR ROLL RANK

**2**

RANK  
DISADVANTAGED

**15**

PERCENT  
DISADVANTAGED

**20%**

2019 STATE  
RANK

**5**

2019 STATE  
OVERACHIEVER RANK

**11**

Since economics has one of the strongest correlations with student academic performance, this formula and its ranking answers the basic question: “Which districts are outperforming expectations?”

The gap between the Honor Roll and Overachiever ranks indicates that FCASD supports ALL students in their achievement goals.



# Thank You

The Fox Chapel Area School District Board of Directors has been and continues to be dedicated to meeting the Mission and Vision for the district to ensure that our students are well-prepared for their future endeavors.

The administration would like to thank the board for their tireless support of our educational programs.