

2017 District Performance Results

PSSA/PASA and Keystone

Expect great things.



2016-17 State Accountability Data for PPS

Today's presentation

PSSA/PASA Performance

Keystone Accountability Results

Information provided later

PVAAS Growth Results

Graduation and Attendance Rates

School Performance Profiles
(Future Ready PA Index, Fall 2020)

PSSA: Pennsylvania System of School Assessment; most students take these exams

PASA: Pennsylvania Alternate System of Assessment; for students with severe cognitive disabilities

Expect great things. 

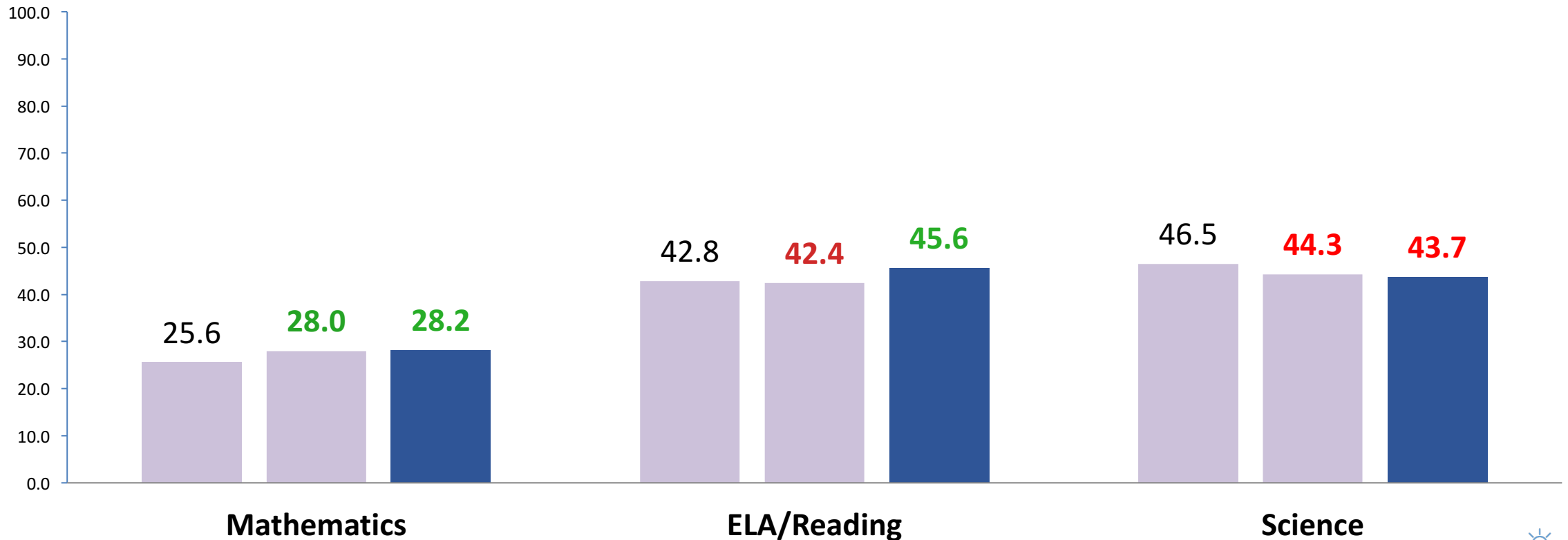
PSSA/PASA Facts

- Public school students in Pennsylvania take annual state assessments each Spring.
 - Grades 3 through 8: Math and English Language Arts
 - Grades 4 and 8: Science
- Most students take PSSA exams, while students with severe cognitive disabilities take PASA exams. (This represents about 3.5% of tested students in our district.)
- The PSSA Math and English Language Arts exams were aligned to PA Core for first time during the 2014-15 school year. Therefore, 2014-15 represents our benchmark year, and we now have three years of comparable data in these subjects.
- Within our District, we administered over 24,000 PSSA and PASA exams in 2017 as part of our state accountability system.
- The state is planning to reduce the amount of time scheduled for PSSA testing across all grades and subjects beginning in 2018.

The combined results for 2017 show a small increase in English Language Arts and similar performance in Math and Science, compared to last year.

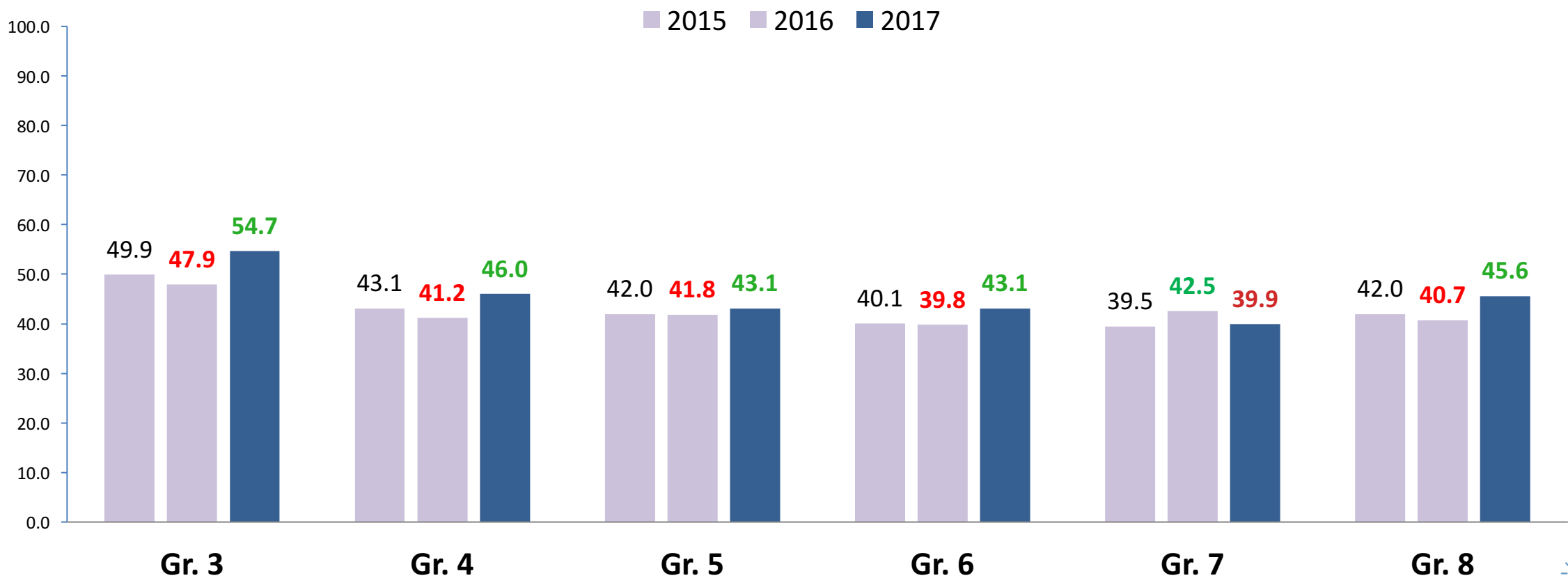
District Accountability - Percent of Proficient and Advanced Students PSSA/PASA: Grades 3 to 8 Combined

■ 2015 ■ 2016 ■ 2017

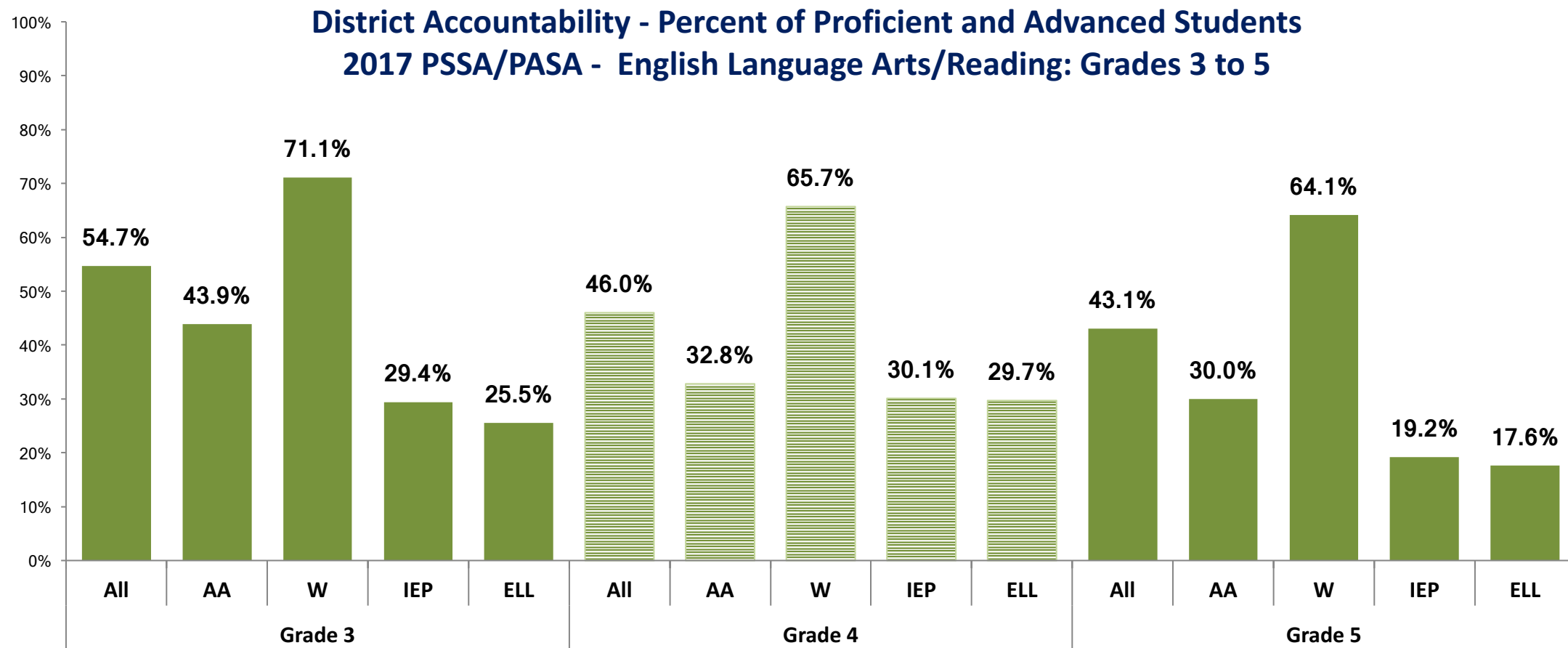


English Language Arts By Grade: Five out of six grades showed small increases from last year. All six grades show small improvements from our baseline year.

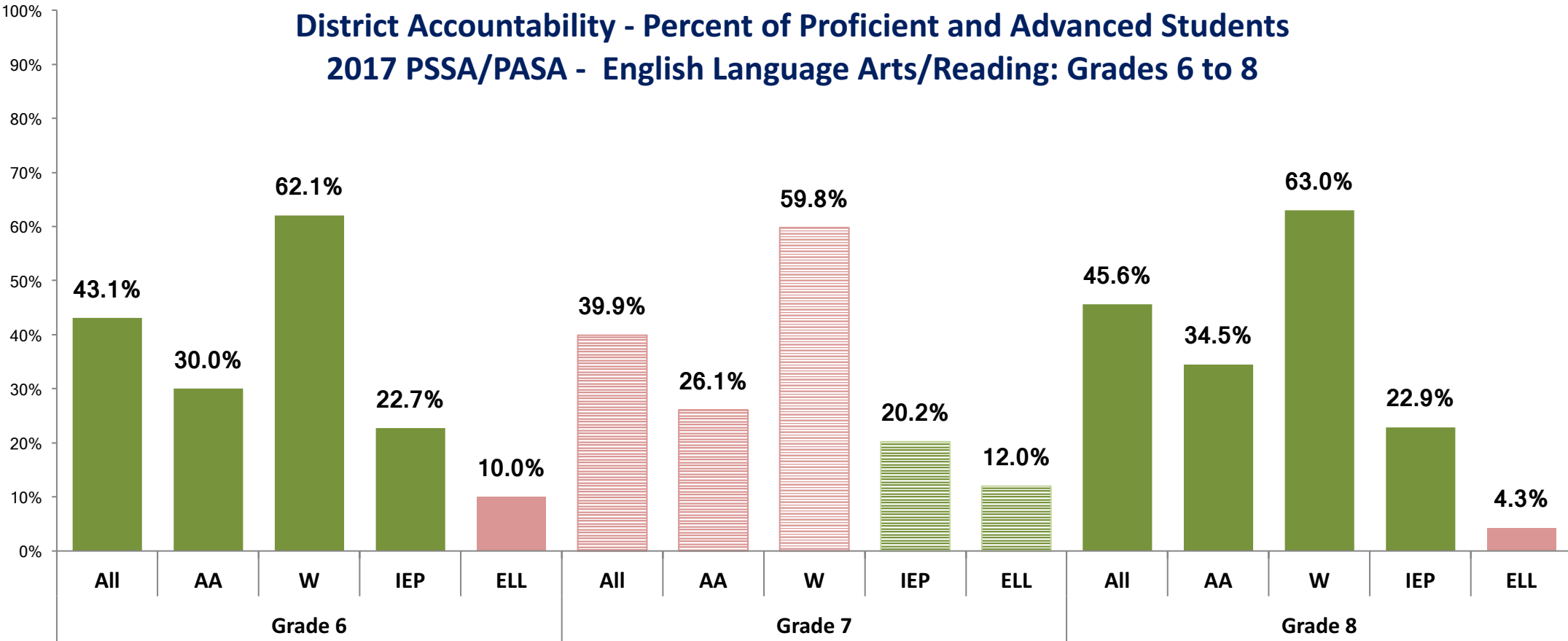
District Accountability - Percent of Proficient and Advanced Students
PSSA/PASA: Grades 3 to 8 ELA/Reading



English Language Arts by Subgroup: In Grades 3 to 5, there were increases in proficiency across all subgroups and all grades, compared to last year.



English Language Arts by Subgroup: In Grades 6 to 8, there were increases in performance for most subgroups in both Grades 6 and 8.

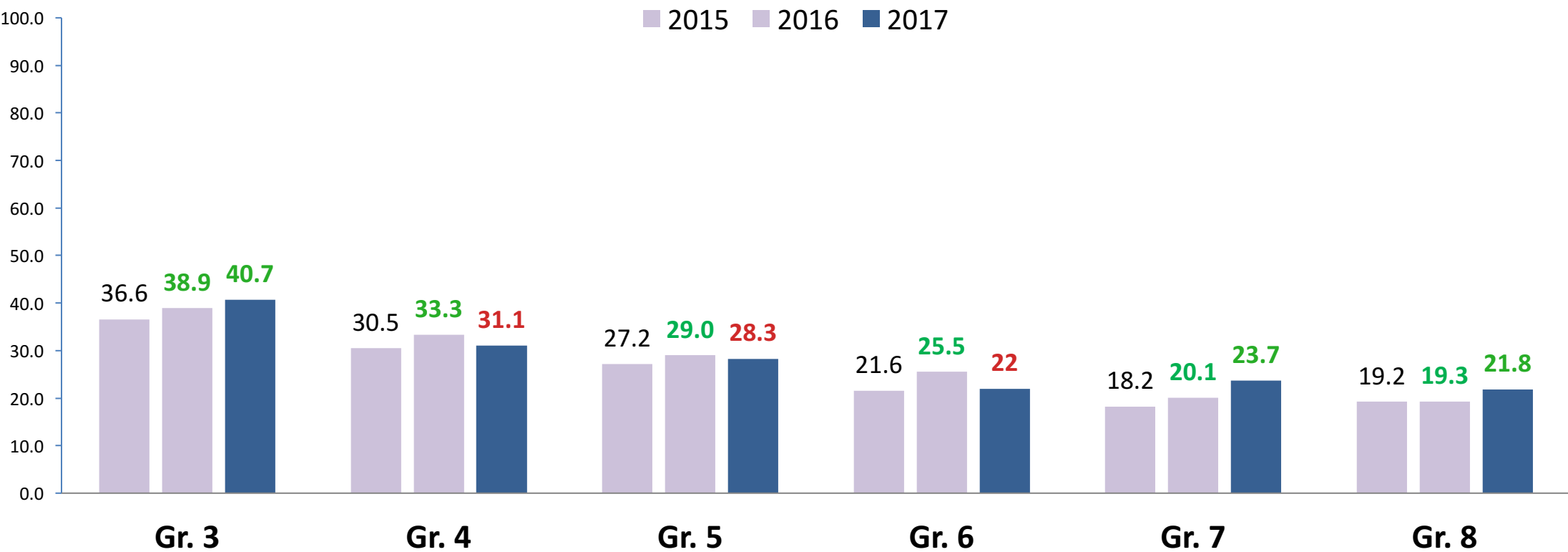


From 2016 to 2017, English Language Arts proficiency (%P+A) showed significant improvements across grades and subgroups.

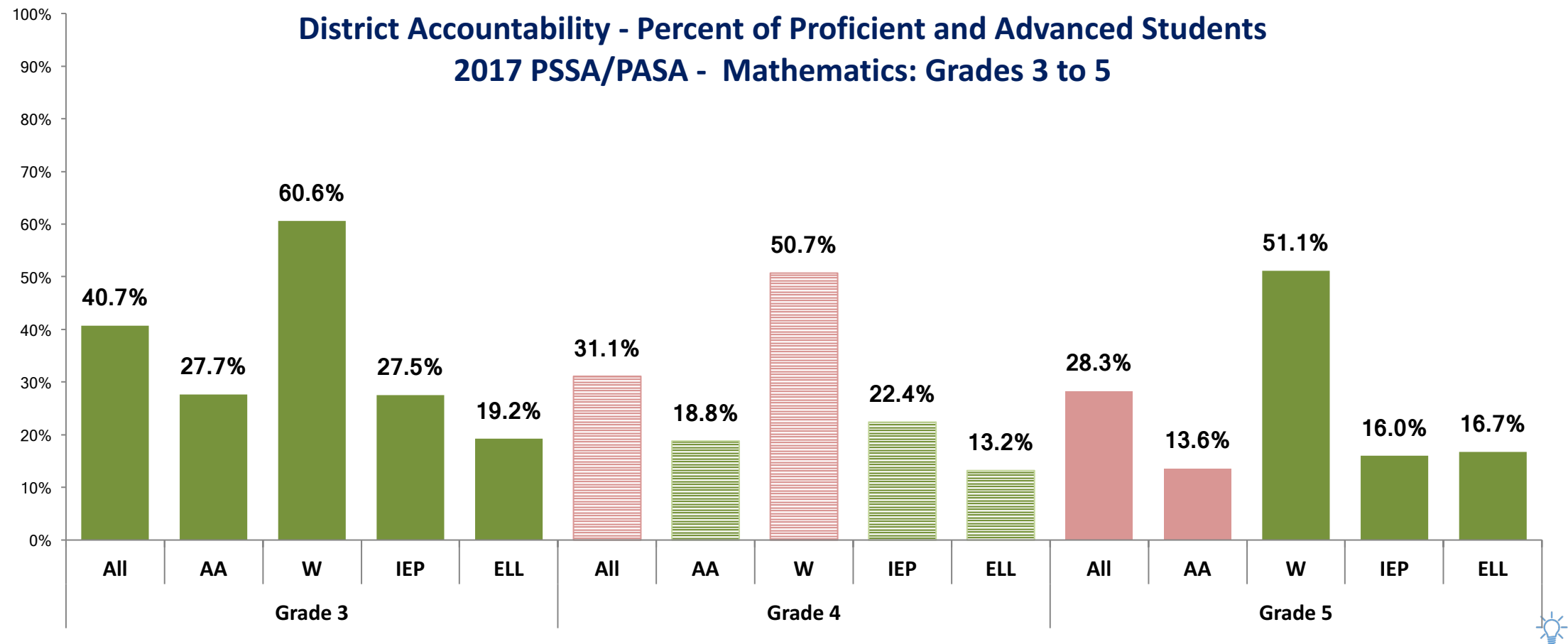
ELA Grade and Group	Change, 2016 to 2017
Grade 3 All	+ 6.8
Grade 3 African-American	+ 9.6
Grade 4 All	+ 4.8
Grade 4 African-American	+ 4.9
Grade 4 White	+ 5.3
Grade 4 Students with an IEP	+ 12
Grade 6 White	+ 5.5
Grade 6 Students with an IEP	+ 5.7
Grade 8 All	+ 5
Grade 8 African-American	+ 4.4
Grade 8 White	+ 5.7
Grade 8 Students with an IEP	+ 7.6

Mathematics By Grade: There were small increases at three grade levels, and small decreases at three others. All six grades showed improvement from our baseline year.

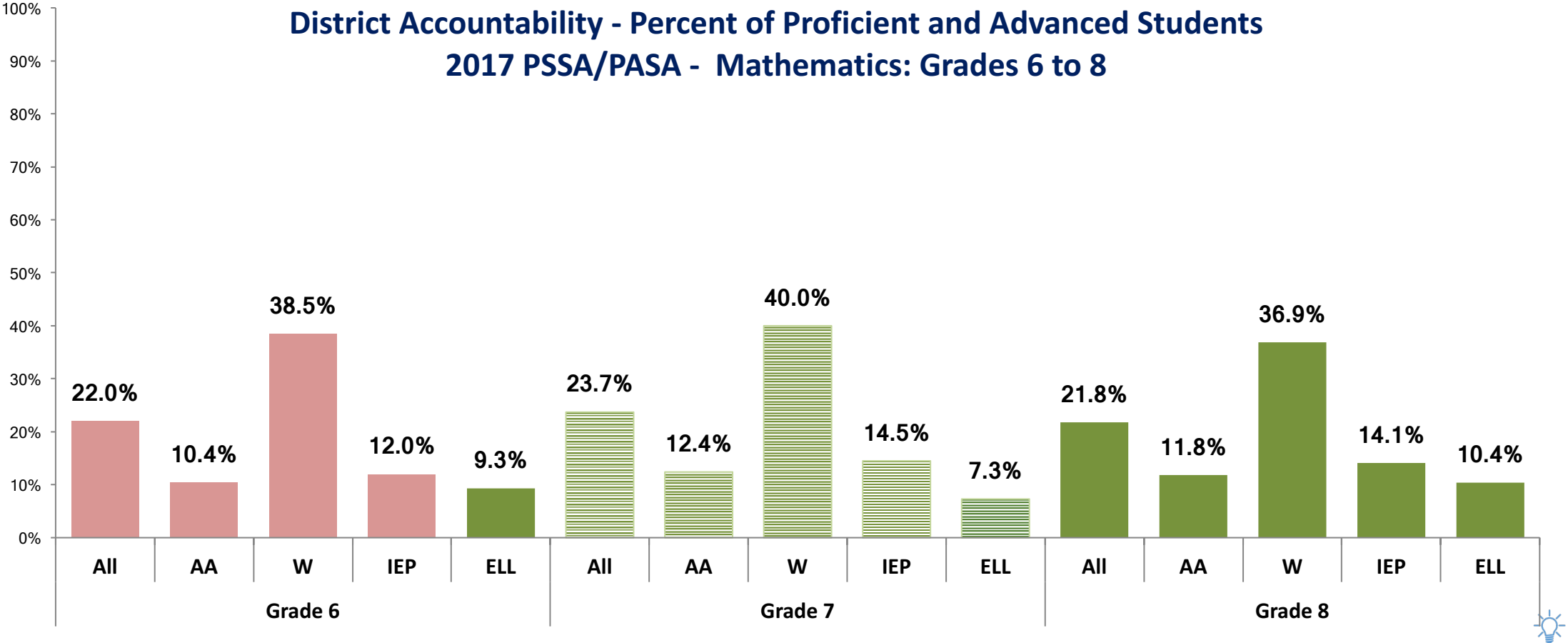
District Accountability - Percent of Proficient and Advanced Students
PSSA/PASA: Grades 3 to 8 Mathematics



Mathematics by subgroup: Within Grades 3 to 5, there were increases in Mathematics proficiency for all subgroups in Grade 3, and all but one subgroup in Grades 4 and 5.



Mathematics by subgroup: In both Grades 7 and 8, there were increases in proficiency across all subgroups. In Grade 6, most groups showed small decreases compared to previous year.



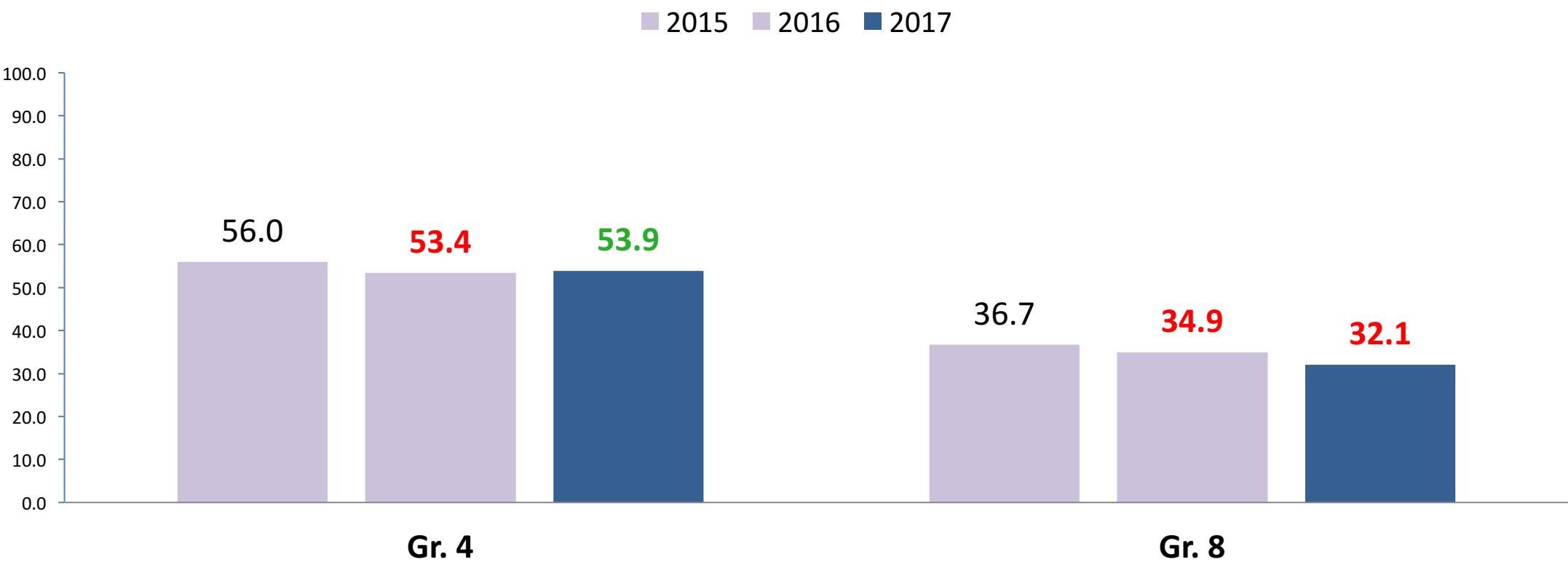
From 2016 to 2017, Math proficiency (%P+A) showed small improvements across some grades and subgroups. Decreases in performance were often very small.

Math Grade and Group	Change, 2016 to 2017
Grade 3 All	+ 1.8
Grade 3 African-American	+ 2.5
Grade 4 All	- 2.1
Grade 4 African-American	+ .8
Grade 4 Students with an IEP	+ 4.8
Grade 5 All	- .7
Grade 5 White	+ 1.7
Grade 7 All	+ 3.7
Grade 7 African-American	+ 2.7
Grade 7 Students with an IEP	+ 5.4
Grade 8 All	+ 2.5
Grade 8 African-American	+ 2.9

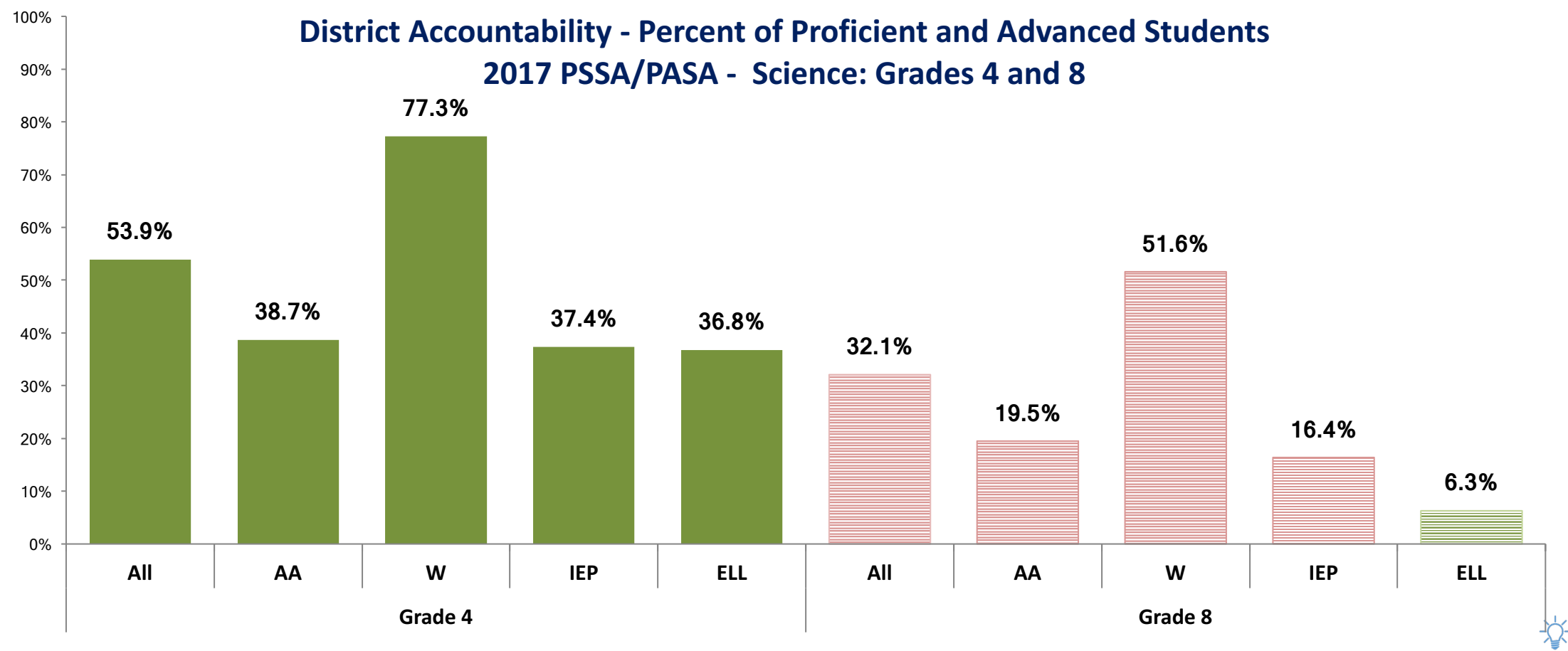
Data tables with 3 years of results are provided in the appendix.

Science by Grade: Grade 4 results were similar to last year, while there a small decrease in Grade 8 proficiency.

District Accountability - Percent of Proficient and Advanced Students
PSSA/PASA: Grades 4 and 8 Science



Science by subgroup: In Grade 4, there were increases across all subgroups, while the small decrease seen in Grade 8 was also seen in most subgroups.



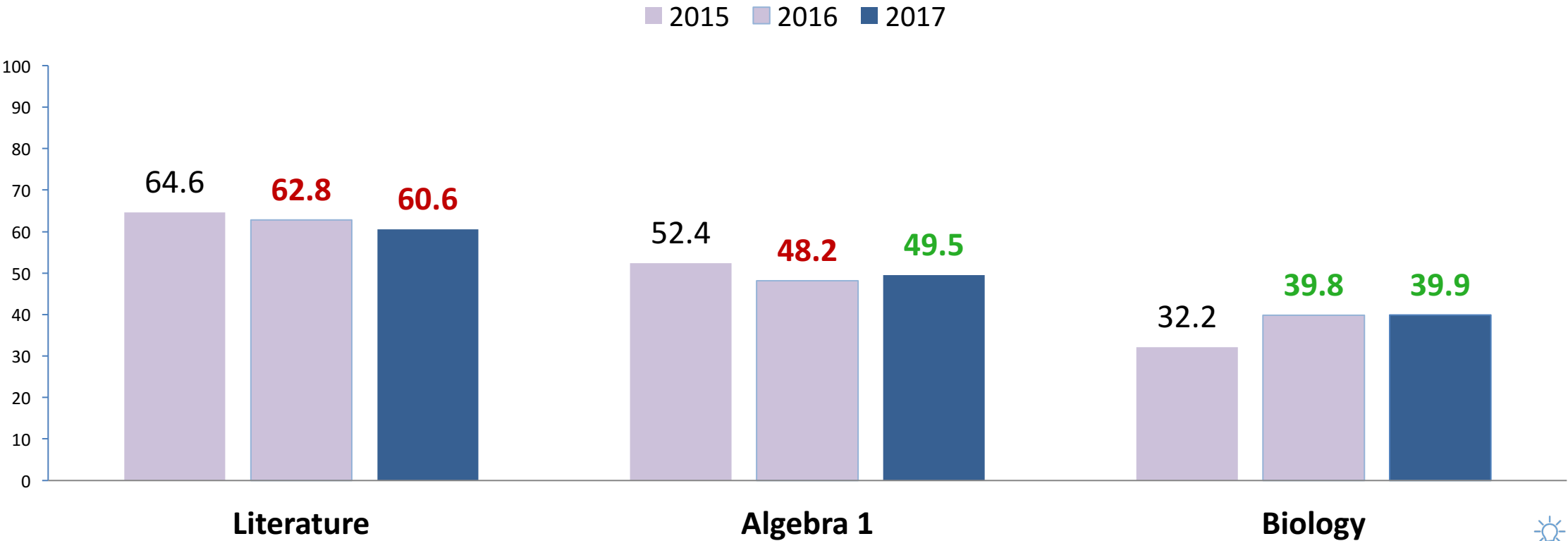
Keystone Facts

- Keystone Exams are given multiple times a year in Literature, Algebra 1, and Biology.
- Keystone exams are end of course exams that are mainly for high school students, although students who take Algebra in lower grades also take the exam.
- Students take the exam the first time they take the course. If they don't pass, they can re-take it multiple times or demonstrate content proficiency in other ways.
- For state accountability purposes, scores are reported for students as of Grade 11. Students who pass an exam in an earlier grade have their scores “banked” or saved until they are in Grade 11.
- As of now, the state requirement for proficiency in Literature, Algebra1 and Biology as requirement for graduation has been postponed again – now until the class of 2019.

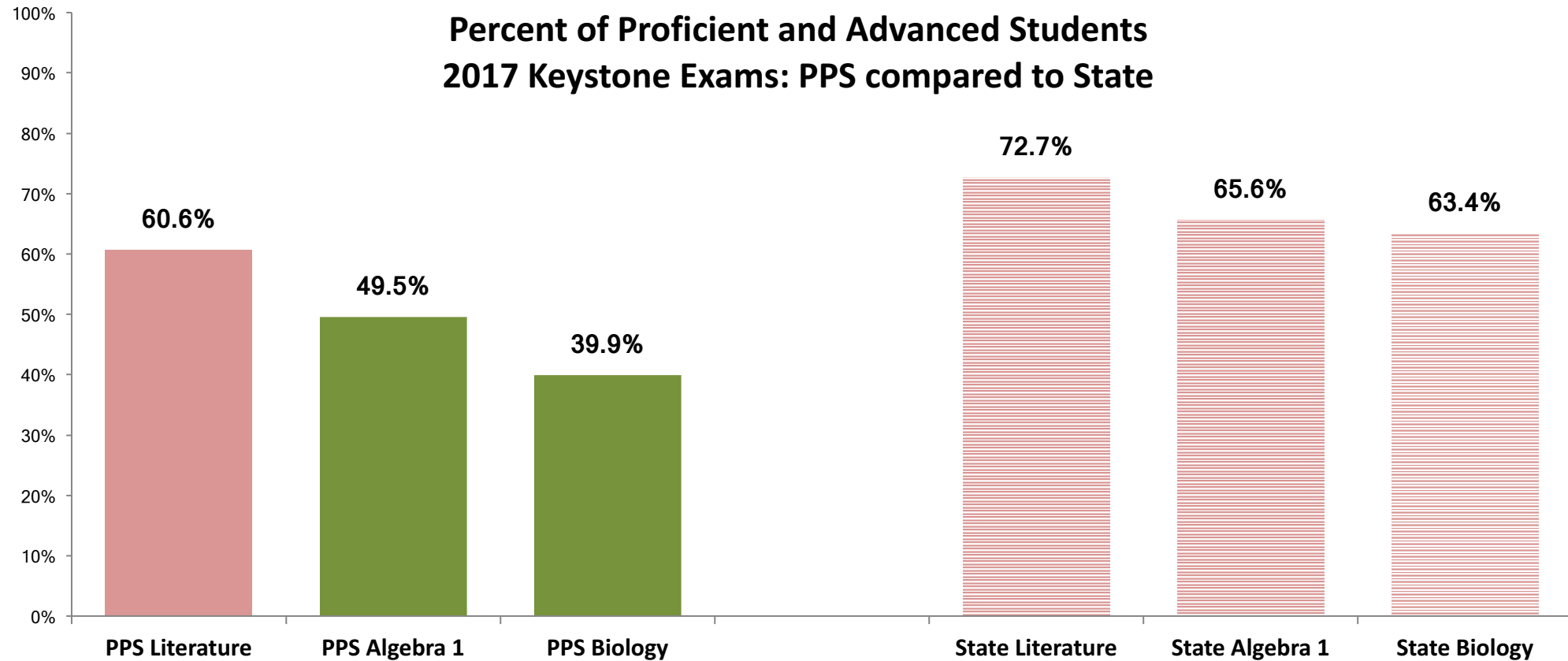
 Expect great things.

The 2017 Keystone Accountability results show increases or similar performance in Algebra 1 and Biology proficiency, but decreases in Literature proficiency.

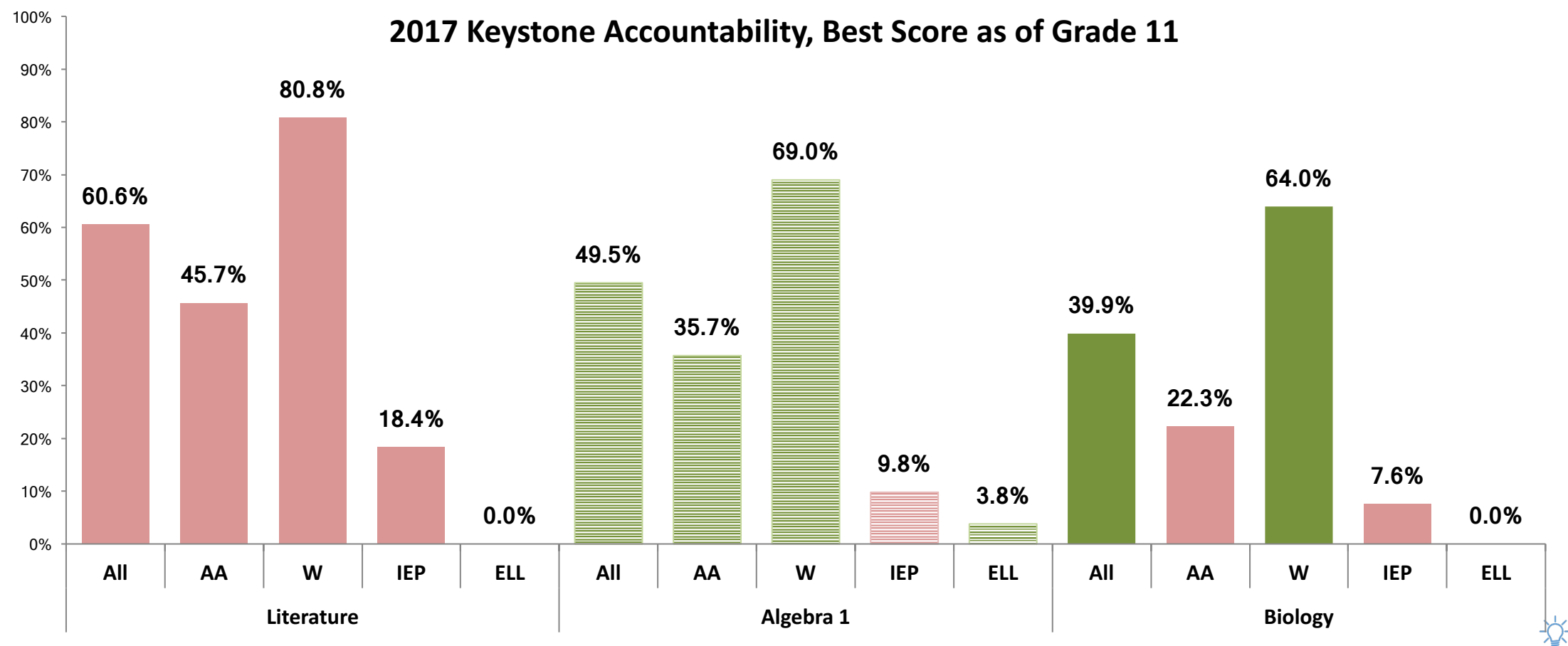
District Accountability - Percent of Proficient and Advanced Students
Keystone Exams, as of Grade 11



Keystone Exams, PPS compared to State: The 2017 Keystone results district increases in Algebra 1 and Biology, while at the state level there were decreases in all subjects compared to last year.



Keystone Exams by subgroup: Almost all subgroups showed improvement in Algebra compared to the previous year. In Literature and Biology, subgroup performance was mixed.



Additional Data Tables

- **3 years of PPS and State Results (where available, others will be updated when this information is released.)**
- **Results for**
 - ❖ **PSSA/PASA in English Language Arts/Reading, Mathematics, and Science**
 - ❖ **Keystone Accountability for Algebra 1, Literature, and Biology**
- **Results for**
 - ❖ **All**
 - ❖ **African-American**
 - ❖ **White**
 - ❖ **Students with an IEP**
 - ❖ **Students who are English Language Learners (ELL)**

PSSA and PASA Results in English Language Arts: All Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17* %P+A
Gr. 3	49.9	47.9	54.7		61.9	60.7	64.6
Gr. 4	43.1	41.2	46.0		58.6	58.5	60.9
Gr. 5	42.0	41.8	43.1		61.7	61.2	59.6
Gr. 6	40.1	39.8	43.1		60.6	61.4	63.6
Gr. 7	39.5	42.5	39.9		58.6	61.3	59.5
Gr. 8	42.0	40.7	45.6		57.9	58.2	58.9
Overall	42.8	42.4	45.6		59.9	60.2	61.2

Full Academic Year students, Includes PSSA and PASA

*State data for 2016-17 is based on PSSA only; state combined PSSA/PASA results have not been released yet.

Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in English Language Arts: African-American Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	37.0	34.3	43.9		37.5	33.7	
Gr. 4	30.1	28.0	32.8		32.0	31.5	
Gr. 5	31.3	28.2	30.0		34.3	32.5	
Gr. 6	27.8	28.6	30.0		32.5	34.6	
Gr. 7	28.9	30.7	26.1		32.7	33.6	
Gr. 8	29.9	30.1	34.5		33.3	33.1	
Overall	30.9	30.0	33.1		33.7	33.1	

Full Academic Year students, Includes PSSA and PASA
2017 State level subgroup results have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in English Language Arts: White Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	69.1	68.1	71.1		70.2	70.0	
Gr. 4	64.2	60.4	65.7		67.1	67.3	
Gr. 5	58.0	62.6	64.1		70.0	70.4	
Gr. 6	58.2	56.6	62.1		68.8	69.4	
Gr. 7	56.0	60.2	59.8		66.1	69.4	
Gr. 8	59.4	57.4	63.0		65.1	65.5	
Overall	60.8	60.9	64.3		67.8	68.7	

Full Academic Year students, Includes PSSA and PASA
2017 State level subgroup results have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in English Language Arts: Students with an IEP

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	26.9	27.7	29.4		30.5	28.9	
Gr. 4	23.8	18.1	30.1		26.3	26.0	
Gr. 5	18.2	18.9	19.2		25.4	24.7	
Gr. 6	18.9	17.0	22.7		23.6	23.2	
Gr. 7	16.4	18.0	20.2		20.9	22.4	
Gr. 8	16.4	15.2	22.9		20.1	19.9	
Overall	20.1	19.1	24.2		24.5	24.2	

Full Academic Year students, Includes PSSA and PASA
2017 State level subgroup results have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in English Language Arts: English Language Learners

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	10.5	12.5	25.5		21.4	20.6	
Gr. 4	8.6	3.6	29.7		11.1	11.5	
Gr. 5	7.7	12.5	17.6		10.3	8.8	
Gr. 6	0	11.4	10.0		7.8	9.2	
Gr. 7	5.1	2.6	12.8		8.4	7.6	
Gr. 8	2.7	5.1	4.3		2.7	7.7	
Overall	5.9	8.1	16.6		11.3	11.7	

Full Academic Year students, Includes PSSA and PASA
2017 State level subgroup results have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Mathematics: All Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17* %P+A
Gr. 3	36.6	38.9	40.7		48.4	54.1	54.5
Gr. 4	30.5	33.3	31.1		44.6	46.4	46.6
Gr. 5	27.2	29.0	28.3		43.0	44.4	43.8
Gr. 6	21.6	25.5	22.0		40.0	41.2	40.3
Gr. 7	18.2	20.1	23.7		33.1	36.8	37.8
Gr. 8	19.2	19.3	21.8		29.9	31.2	32.5
Overall	25.6	28.0	28.2		39.8	42.5	42.6

Full Academic Year students, Includes PSSA and PASA

*State data for 2016-17 is based on PSSA only; state combined PSSA/PASA results have not been released yet.

Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Mathematics: African-American Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	22.0	25.3	27.7		19.6	23.3	
Gr. 4	16.9	17.9	18.8		16.5	17.1	
Gr. 5	15.7	15.2	13.6		14.8	15.5	
Gr. 6	12.0	14.3	10.4		13.6	14.3	
Gr. 7	8.7	9.7	12.4		10.9	11.8	
Gr. 8	8.7	8.9	11.8		10.0	9.9	
Overall	14.1	15.5	16.0		14.2	15.3	

Full Academic Year students, Includes PSSA and PASA
 2017 State level subgroup results have not been released yet.
 Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Mathematics: White Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	58.8	60.0	60.6		57.6	64.2	
Gr. 4	51.2	55.9	50.7		53.0	55.6	
Gr. 5	45.7	49.4	51.1		50.9	53.1	
Gr. 6	37.0	41.8	38.5		47.4	49.0	
Gr. 7	33.4	36.5	40.0		39.0	43.7	
Gr. 8	34.7	33.9	36.9		34.9	36.8	
Overall	43.3	46.2	46.2		46.9	50.2	

Full Academic Year students, Includes PSSA and PASA
 2017 State level subgroup results have not been released yet.
 Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Mathematics: Students with an IEP

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	19.1	25.5	27.5		25.4	28.4	
Gr. 4	19.9	17.5	22.4		21.6	22.0	
Gr. 5	16.1	12.7	16.0		18.0	17.9	
Gr. 6	15.0	16.2	12.0		15.4	14.1	
Gr. 7	10.4	9.1	14.5		9.8	9.9	
Gr. 8	7.9	9.9	14.1		8.6	8.1	
Overall	14.9	15.2	18.0		16.5	16.8	

Full Academic Year students, Includes PSSA and PASA
 2017 State level subgroup results have not been released yet.
 Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Mathematics: English Language Learners

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 3	15.8	16.7	19.2		16.7	20.5	
Gr. 4	17.1	3.4	13.2		10.9	9.7	
Gr. 5	5.3	9.1	16.7		7.0	7.6	
Gr. 6	0	8.1	9.3		6.5	5.8	
Gr. 7	0	2.6	7.3		4.4	3.9	
Gr. 8	0	12.5	10.4		4.1	3.9	
Overall	6.4	9.3	12.8		9.1	9.6	

Full Academic Year students, Includes PSSA and PASA
 2017 State level subgroup results have not been released yet.
 Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Science: All Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 * %P+A
Gr. 4	56.0	53.4	53.9		77.1	76.0	74.5
Gr. 8	36.7	34.9	32.1		58.8	57.7	52.7
4 & 8	46.5	44.3	43.7		67.8	67.0	63.7

Full Academic Year students, Includes PSSA and PASA

*State data for 2016-17 is based on PSSA only; state PASA results have not been released yet.

Data source: PDE Accountability Files and PDE website

Expect great things. 

PSSA and PASA Results in Science: African-American Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 4	43.0	38.5	38.7		50.1	47.6	
Gr. 8	21.8	20.8	19.5		27.8	26.4	
4 & 8	32.8	29.9	29.7		38.9	37.0	

*Full Academic Year students, Includes PSSA and PASA
State subgroup data have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Science: White Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 4	77.1	75.9	77.3		85.8	85.1	
Gr. 8	59.9	56.8	51.6		68.1	66.9	
4 & 8	68.4	66.2	64.7		76.6	75.8	

**Full Academic Year students, Includes PSSA and PASA
State subgroup data have not been released yet.
Data source: PDE Accountability Files and PDE website

PSSA and PASA Results in Science: Students with IEPs

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 4	35.5	26.3	37.4		52.4	51.0	
Gr. 8	18.8	17.9	16.4		24.7	24.1	
4 & 8	27.6	22.3	27.5		38.7	38.1	

PSSA and PASA Results in Science: ELL Students

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Gr. 4	21.3	27.6	36.8		30.5	31.2	
Gr. 8	6.3	2.5	6.3		7.5	7.3	
4 & 8	13.7	13.0	19.8		20.1	20.7	

In general, there are fewer than 50 ELL students at each grade level who take these exams.

*Full Academic Year students, Includes PSSA and PASA
Data source: 2015/16 PDE Accountability File and PDE emails

Keystone Grade 11 Accountability Results

PPS All and State All

	Pittsburgh Public				Pennsylvania		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Algebra 1	52.4	48.2	49.5		64.5	68.2	65.6
Literature	64.6	62.8	60.6		72.8	76.8	72.7
Biology	32.2	39.8	39.9		59.0	65.8	63.4

*Full Academic Year students, as of Grade 11
Data source: PDE Accountability Files and PDE websites

Expect great things. 

Keystone Grade 11 Accountability Results

PPS African-American and White Students

	Pittsburgh Public AA Students				Pittsburgh Public W Students		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Algebra 1	40.6	32.1	35.7		72.9	68.3	69.0
Literature	56.5	49.2	45.7		82.1	81.0	80.8
Biology	18.0	22.7	22.3		53.8	60.4	64.0

*Full Academic Year students, as of Grade 11
 State subgroup data have not been released yet.
 Data source: PDE Accountability Files

Keystone Grade 11 Accountability Results

PPS IEP and ELL Students

	Pittsburgh Public Students with an IEP				Pittsburgh Public ELL Students*		
	2014-15 %P+A	2015-16 %P+A	2016-17 %P+A		2014-15 %P+A	2015-16 %P+A	2016-17 %P+A
Algebra 1	14.2	11.6	9.8		16.7	0	3.8
Literature	19.4	22.1	18.4		3.8	3.8	0
Biology	6.0	10.2	7.6		0	0	0

*The number of Gr. 11 English Language Learner (ELL) students is small – during these three testing years, the count ranged from 48 to 54 students.

Full Academic Year students, as of Grade 11
State subgroup data have not been released yet.
Data source: PDE Accountability Files