
WCASD 2017 PSSA & Keystone Data

EDUCATION COMMITTEE PRESENTATION

STEVE WERNER, SUPERVISOR OF ASSESSMENT & SPECIAL EDUCATION REEVALUATIONS

SUMMER 2017



BY TEST:
PSSA

Pennsylvania System of School Assessment

(PSSA)



English Language Arts PSSA

WCASD

By Test: PSSA

P+A Comparison to County & State 15-16 & 16-17

Grade	State ELA 2015-16	WCASD ELA 2015-16	County Rank 2015-16	State ELA 2016-17	WCASD ELA 2016-17	County Rank 2016-17
3	60.9	80.9	5 th	n/a	83.5	5 th
4	58.7	82.4	6 th	n/a	86.8	4 th
5	61.5	84.8	5 th	n/a	83.7	6 th
6	61.7	82.4	4 th	n/a	83.3	6 th
7	61.5	86.9	4 th	n/a	80.2	6 th
8	58.4	80.1	5 th	n/a	81.4	4 th

By Test: PSSA

Math PSSA

P+A Comparison to County & State 15-16 & 16-17

Grade	State Math 2015-16	WCASD Math 2015-16	County Rank 2015-16	State Math 2016-17	WCASD Math 2016-17	County Rank 2016-17
3	54.4	73.3	5 th	n/a	72.9	6 th
4	46.6	73.6	4 th	n/a	73.2	5 th
5	44.4	72.9	3 rd	n/a	71.5	3 rd
6	41.1	64.5	5 th	n/a	59.4	7 th
7	37.0	64.9	4 th	n/a	61.3	6 th
8	31.2	52.9	4 th	n/a	56.9	6 th

By Test: PSSA

Science PSSA

P+A Comparison to County 15-16 & 16-17

Grade	State Science 2015-16	WCASD Science 2015-16	County Rank 2015-16	State Science 2016-17	WCASD Science 2016-17	County Rank 2016-17
4	76.2	93.3	4 th	n/a	92.6	4 th
8	57.7	78.8	5 th	n/a	77.3	4 th

By Test: PSSA

3 Year Ethnicity Analysis ELA Grades 3-8

Gap between White and Ethnicity Group Averages

	14-15 P&A	15-16 P&A	16-17 P&A	14-15 Gap	# of stu	15 -16 Gap	# of stu	16-17 Gap	# of stu	3yr Gap Diff
ELA	82.85%	82.85%	83.12%		5,376		5,131		5,088	
Amer Ind	100.00%	100.00%	100.00%		2		3		3	
Asian/Pacific Islander	94.40%	93.72%	91.80%		429		430		439	
Afr American	61.09%	62.45%	69.68%	-25.01%	275	-23.90%	237	-16.38%	221	8.63%
Hispanic	49.18%	47.85%	50.53%	-36.92%	368	-32.59%	395	-35.53%	376	1.39%
White	86.10%	86.34%	86.06%		4,267		4,020		3,953	
Multiracial	68.57%	80.43%	80.41%		35		46		97	

By Test: PSSA

3 Year Ethnicity Analysis Math Grades 3-8

Gap between White and Ethnicity Group Averages

	14-15 P&A	15-16 P&A	16-17 P&A	14-15 Gap	# of stu	15 -16 Gap	# of stu	16-17 Gap	# of stu	3yr Gap Diff
MATH	64.41%	66.92%	65.86%		5,384		5,162		5,064	
Amer Ind	33.33%	66.67%	66.67%		3		3		3	
Asian/Pacific Islander	85.26%	86.61%	83.94%		434		440		442	
Afr American	31.64%	38.30%	38.29%	-35.69%	275	-31.94%	238	-30.63%	222	5.05%
Hispanic	31.81%	30.33%	31.68%	-35.52%	371	-39.05%	405	-37.25%	382	-1.73%
White	67.32%	70.24%	68.92%		4,266		4,029		3,919	
Multiracial	57.14%	57.78%	56.70%		35		47		97	

By Test: PSSA

3 Year Ethnicity Analysis Science Grades 3-8

Gap between White and Ethnicity Group Averages

	14-15 P&A	15-16 P&A	16-17 P&A	14-15 Gap	# of stu	15 -16 Gap	# of stu	16-17 Gap	# of stu	3yr Gap Diff
SCIENCE	88.25%	86.21%	85.03%		1,779		1,639		1,650	
Amer Ind	100.00%		100.00%		2				1	
Asian/Pacific Islander	97.91%	89.86%	95.07%		144		146		142	
Afr American	67.05%	75.00%	66.20%	-23.44%	88	-14.05%	76	-21.20%	71	2.24%
Hispanic	63.46%	60.15%	60.66%	-27.02%	104	-28.90%	133	-26.74%	122	0.28%
White	90.48%	89.05%	87.39%		1,429		1,278		1,285	
Multiracial	75.00%	100.00%	79.31%		12		14		29	

BY TEST:
KEYSTONE

KEYSTONE



By Test: KEYSTONE

GRADUATION REQUIREMENT?

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
	KEYSTONES ARRIVE	SPECIALISTS	DELAY?	2 YEAR MORATORIUM	CTE Exemption	DELAY?
Class of						
2013	GRAD					
2014	No (11th)	GRAD				
2015	No (10th)	No (11th)	GRAD			
2016	No (9th)	No (10th)	No (11th)	GRAD		
2017	Yes (8th)	Yes (9th)	Yes (10th)	Yes/No (11th)	GRAD	
2018	Yes (7th)	Yes (8th)	Yes (9th)	Yes/No (10th)	No (11th)	GRAD
2019	Yes (6th)	Yes (7th)	Yes (8th)	Yes (9th)	Yes (10th)	Yes (11th)
2020	Yes (5th)	Yes (6th)	Yes (7th)	Yes (8th)	Yes (9th)	Yes (10th)
2021	Yes (4th)	Yes (5th)	Yes (6th)	Yes (7th)	Yes (8th)	Yes (9th)

By Test: KEYSTONE

Cohort Comparison

Class of 2017 & Class of 2018
(Only 12th Graders)

	Algebra		Biology		Literature	
	'17	'18	'17	'18	'17	'18
East HS	91.8%	91.3	88.2%	84.2	93.7%	82.5
Henderson HS	94.5%	89.4	91.2%	86.5	95.2%	87.3
Rustin HS	90.8%	90.5	90.5%	87	93.3%	86.5

By Test: KEYSTONE

WCASD

Cohort Comparison by Test & School

Class of 2016, 17, & 18 (with '16-'18 difference)

	Class of '16	Class of '17	Class of '18	3 year Difference
East				
Algebra	89.67%	92.40%	91.17%	1.50%
Biology	71.43%	88.99%	84.43%	13.00%
Literature	87.80%	94.21%	82.41%	-5.38%

By Test: KEYSTONE

WCASD

Cohort Comparison by Test & School

Class of 2016, 17, & 18 (with '16-'18 difference)

	Class of '16	Class of '17	Class of '18	3 year Difference
Henderson				
Algebra	88.92%	93.14%	89.96%	1.04%
Biology	82.91%	88.96%	87.46%	4.54%
Literature	88.57%	93.46%	88.21%	-0.36%

By Test: KEYSTONE

WCASD

Cohort Comparison by Test & School

Class of 2016, 17, & 18 (with '16-'18 difference)

	Class of '16	Class of '17	Class of '18	3 year Difference
Rustin				
Algebra	87.79%	91.05%	90.13%	2.34%
Biology	83.00%	90.42%	85.76%	2.76%
Literature	95.02%	93.61%	86.41%	-8.61%

3 Year Ethnicity Analysis Algebra

Gap between White and Ethnicity Group Averages

	Class of '16	Class of '17	Class of '18	Class of '16 Gap	# of Students	Class of '17 Gap	# of Students	Class of '18 Gap	# of Students
Algebra	88.79%	92.19%	90.42%		919		948		866
Afr Amer	71.64%	78.57%	57.14%	-19.16%	67	-15.32%	56	-35.95%	49
Asian/Pacific Isl	92.86%	96.23%	98.51%		56		53		67
Hispanic	67.74%	68.57%	71.79%	-23.06%	31	-25.32%	35	-21.29%	39
Multiracial	100.00%	100.00%	50.00%		4		2		2
White	90.80%	93.89%	93.09%		761		802		709

By Test: KEYSTONE

3 Year Ethnicity Analysis Biology

Gap between White and Ethnicity Group Averages

	Class of '16	Class of '17	Class of '18	Class of '16 Gap	# of Students	Class of '17 Gap	# of Students	Class of '18 Gap	# of Students
Biology	79.17%	89.45%	85.86%		917		948		877
Afr Amer	57.58%	63.64%	50.00%	-24.53%	66	-28.77%	55	-39.89%	50
Asian/Pacific Isl	78.18%	92.45%	92.65%		55		53		68
Hispanic	53.13%	57.14%	51.11%	-28.98%	32	-35.26%	35	-38.78%	45
Multiracial	100.00%	100.00%	100.00%		4		2		2
White	82.11%	92.40%	89.89%		760		803		712

By Test: KEYSTONE

3 Year Ethnicity Analysis Literature

Gap between White and Ethnicity Group Averages

	Class of '16	Class of '17	Class of '18	Class of '16 Gap	# of Students	Class of '17 Gap	# of Students	Class of '18 Gap	# of Students
Literature	90.45%	93.77%	85.67%		911		947		879
Afr Amer	75.76%	78.57%	68.00%	-16.84%	66	-16.82%	56	-20.39%	50
Asian/Pacific Isl	90.57%	94.23%	92.65%		53		52		68
Hispanic	67.74%	80.00%	50.00%	-24.86%	31	-15.39%	35	-38.39%	44
Multiracial	100.00%	100.00%	100.00%		4		2		2
White	92.60%	95.39%	88.39%		757		802		715

SAT



By Test: SAT

SAT

Average Scores & Participation by Student Count 16-17

	WCASD	East HS	Henderson HS	Rustin HS	State Average	National Average
2015	1081	1057	1089	1098	1003	1006
<i>Test Takers</i>	<i>870</i>	<i>325</i>	<i>246</i>	<i>299</i>	<i>98,826</i>	<i>1,698,521</i>
2017	1168	1170	1162	1172	1073	1070
<i>Test Takers</i>	<i>857</i>	<i>295</i>	<i>283</i>	<i>279</i>	<i>82,003</i>	<i>1,837,772</i>

By Test: SAT

SAT

2017	WCASD	State Average	National Average
Reading	583	540	538
Math	585	533	533

By Test: ACT

ACT



By Test: ACT

5 Year Trends Average ACT Scores

2013 to 2017

Graduation Year	Total Tested		Composite	
	District	State	District	State
2013	328	26,171	23.8	22.7
2014	340	27,136	23.6	22.7
2015	425	29,776	24.5	22.9
2016	436	31,342	24.5	23.1
2017	457	30,987	24.9	23.7

By Test: ACT

5 Year Trends Average ACT Scores

2013 to 2017

Graduation Year	English		Mathematics		Reading	
	District	State	District	State	District	State
2013	23.4	22.2	24.3	23.0	23.9	23.0
2014	23.0	22.1	23.9	22.8	23.8	23.0
2015	24.3	22.5	24.8	22.8	24.4	23.2
2016	23.8	22.6	24.6	23.0	24.9	23.6
2017	24.3	23.4	25.2	23.4	25.1	24.2