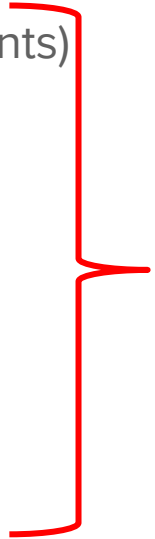
2018/19 Assessment Data

Part 1

Test Taken

- NWEA MAPs (K-10)
- WiDA ACCESS (all ELL students)
- CMAS ELA (3rd-8th)
- CMAS Math (3rd-8th)
- CMAS Science (5th, 8th, 11th)
- CMAS Social Studies (n/a)
- PSAT 9
- PSAT 10
- SAT (11th)



Embargoed by CDE until *August*

NWEA MAPs

- Used in house to inform instruction
- Focuses on content and skill retention
- Used in teacher evaluations
- Not state reported; not reported to public

NWEA MAPs

- Math (K-10)
- Reading (K-10)
- Language Usage (2-10)
- Science (4-10)

Data Handout

Overall District Wide Trends

Achievement - Average Compared to National Norm

Building	Grade	Tests*				Tests*			
EES	K	Math	Reading			Math	Reading		
	1	Math	Reading			Math	Reading		
	2	Math	Reading	Lang. Usage		Math	Reading	Lang. Usage	
	3	Math	Reading	Lang. Usage		Math	Reading	Lang. Usage	
	4	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
	5	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
EMS	6	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
	7	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
	8	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
EHS	9	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science
	10	Math	Reading	Lang. Usage	Science	Math	Reading	Lang. Usage	Science

*Green - above national norm; Red - below national norm; Gray - same as national norm; White - no national norm data

Science is above the national norm in **all** tested grade levels.

1st, 2nd, & 10th grades above the national norm in **all** tested contents.

Growth Compared to Expected Norm Growth

Building	Grade	Tests*			
EES	K	Math	Reading		
	1	Math	Reading		
	2	Math			
	3	Math			
	4				Science
	5	Math			
EMS	6				Science
	7				
	8				Science
EHS	9	Math		Lang. Usage	Science
	10	Math	Reading	Lang. Usage	Science

*Dark Green - met/exceeded norm growth; Light Green - did not meet norm growth; Red - dropped/did not grow; White - no national norm data

64% of all tests given showed growth equal to or greater than the norm!

Tests*			
Math	Reading		
Math	Reading		
Math	Reading	Lang. Usage	
Math	Reading	Lang. Usage	
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science

Every test at *every* grade level showed **raw growth** from the beginning of the year.

All grades of secondary math met/exceeded the national norm growth.

K, 1st, 8th, 9th, & 10th grades saw growth equal to or higher than the norm in **every** tested content.

% of Students that Met/Exceeded Their Individual Growth Goal

Building	Grade	Tests*			
EES	K	Math	Reading		
	1	Math	Reading		
	2	Math			
	3	Math			
	4				Science
	5	Math			
EMS	6				Science
	7				
	8				Science
EHS	9			Lang. Usage	Science
	10	Math	Reading	Lang. Usage	Science

*Blue - exceeds expectations (65%+); Green - meets expectations (50-64%); Yellow - approaching expectations (35-49%); Red - does not meet expectations (below 35%); White - no national norm data

For 63% of all tests given, students met/exceeded their projected growth goals!

Tests*			
Math	Reading		
Math	Reading		
Math	Reading	Lang. Usage	
Math	Reading	Lang. Usage	
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science
Math	Reading	Lang. Usage	Science

All grades of secondary math met/exceeded expectations for individual growth goals.

K & 8th grade met growth expectations in **all** tested areas.

1st grade exceeded growth expectations in **all** tested areas.

Where We Stand - Achievement

Above the National Norm (Fall 2018)

- 13/36 tests = 36%

Above the National Norm (Spring 2019)

- 14/36 tests = 39%

Where We Stand - Achievement

Above the National Norm (Spring 2018)

- 24/36 tests = 67%

Above the National Norm (Spring 2019)

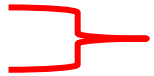
- 14/36 tests = 39%

Changes to MAPs Next Year

- We will only be testing in Winter and Spring.
  - New to district students only will test in Fall.
- We will use Spring to Spring data for student growth and teacher measures.
  - Hope to stabilize data analysis
- Testing will now go up from Kindergarten through 11th grade. (to 12th grade the following year)

Test Taken

- NWEA MAPs (K-10)
- WiDA ACCESS (all ELL students)
- CMAS ELA (3rd-8th)
- CMAS Math (3rd-8th)
- CMAS Science (5th, 8th, 11th)
- CMAS Social Studies (4th) - not in 2019
- PSAT 9
- PSAT 10
- SAT (11th)
- AP



Presented @ July Board Meeting

Measures

- Achievement
  - Met/Exceeded Expectations (often used in CMAS, PSAT/SAT)
  - Average raw score (often used in MAPs, PSAT/SAT)
  - % made adequate growth (often used in ACCESS)

Measures

- Growth
  - Measures the growth of the same student cohort from one year to the next.
  - **Median Growth Percentile** is a “ranking” of how much a group of students grew.
    - Ex) An MGP of 35% means you grew more than 35/100 districts
    - State usually has an MGP of 50% (since it’s basically an average of all districts)

WiDA ACCESS

WiDA ACCESS

- Federally mandated
- All English Language Learners (ELLs)
- Primarily measures growth (achievement measured by CMAS)

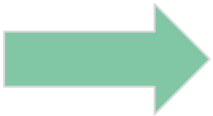
WiDA ACCESS

- ESD22 had 19th highest adequate growth percentile for the state.

2018 ACCESS Growth		
District Name	Reaching Adequate Growth (%)	Compared to previous year
CO State	**40**	up 9%
BAYFIELD 10 JT-R	62	
EDUCATION REENVISIONED BOCES	58	
DEER TRAIL 26J	55	
HANOVER 28	55	
ROCKY FORD R-2	52.5	
WEST GRAND 1-JT	51.5	
VALLEY RE-1	51	
BYERS 32J	50.5	
MONTEZUMA-CORTEZ RE-1	50	
MONTE VISTA C-8	49	
CANON CITY RE-1	48	
LAKE COUNTY R-1	48	
IDALIA RJ-3	48	
LIMON RE-4J	47.5	
WESTMINSTER PUBLIC SCHOOLS	47	
WELD COUNTY S/D RE-8	47	
DISTRICT 49	45	
LAMAR RE-2	44.5	
ELLICOTT 22	44	same
GREELEY 6	44	
SHERIDAN 2	44	
WINDSOR RE-4	44	
PUEBLO COUNTY 70	43.5	

WiDA ACCESS

Compared to nearby districts



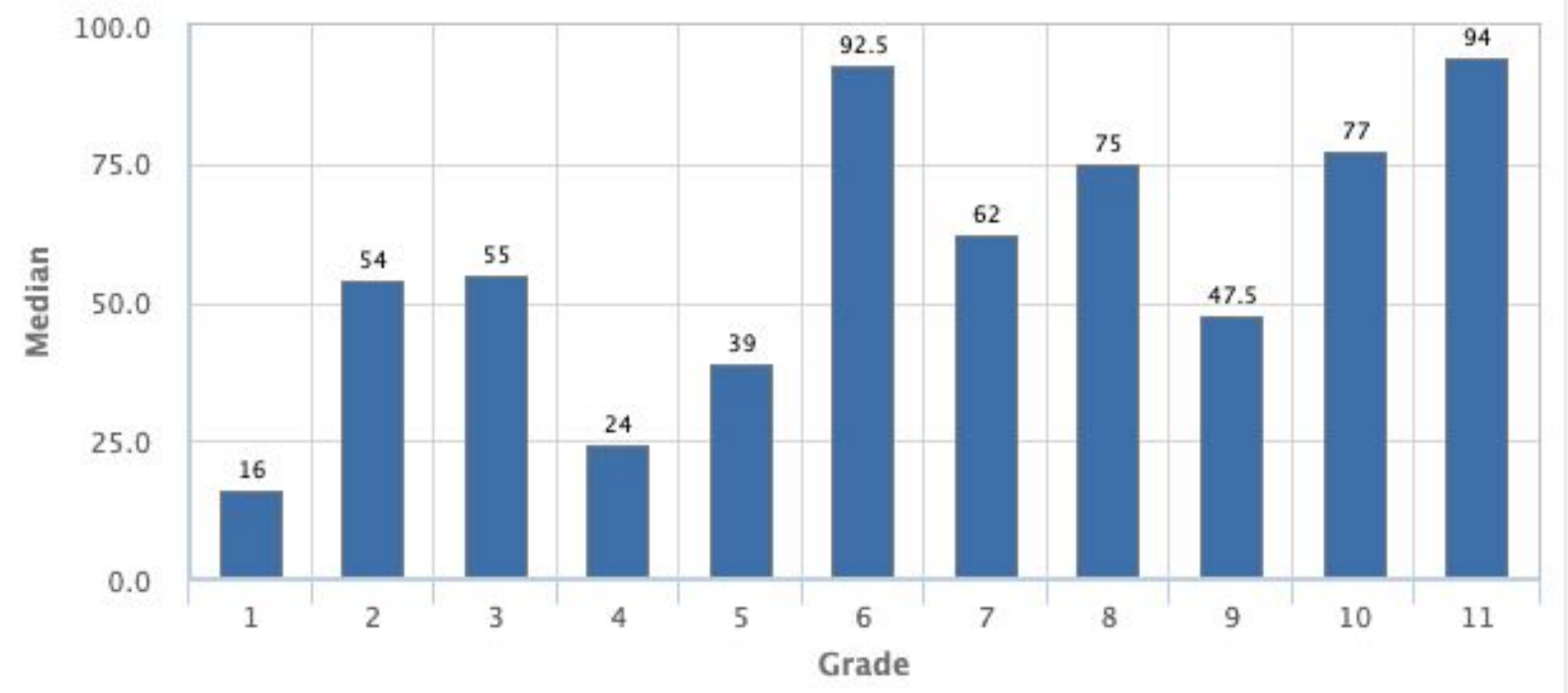
District Name	Reaching Adequate Growth (%)
CO State	40
Hanover - 28	55
Canon City - RE1	48
Falcon - 49	45
Ellicott - 22	44
Pueblo County - 70	43.5
CO Spgs - 11	41
Lewis Palmer - 38	40
Harrison - 2	39
Academy - 20	38
Woodland Park - RE2	38
Fountain - 8	37
Pueblo City - 60	36.5
Widefield - 3	34
Cheyenne - 12	24
Calhan - RJ1	n<20
Manitou - 14	n<20
Miami Yoder - 60JT	n<20
Peyton - 23JT	n<20

WiDA ACCESS

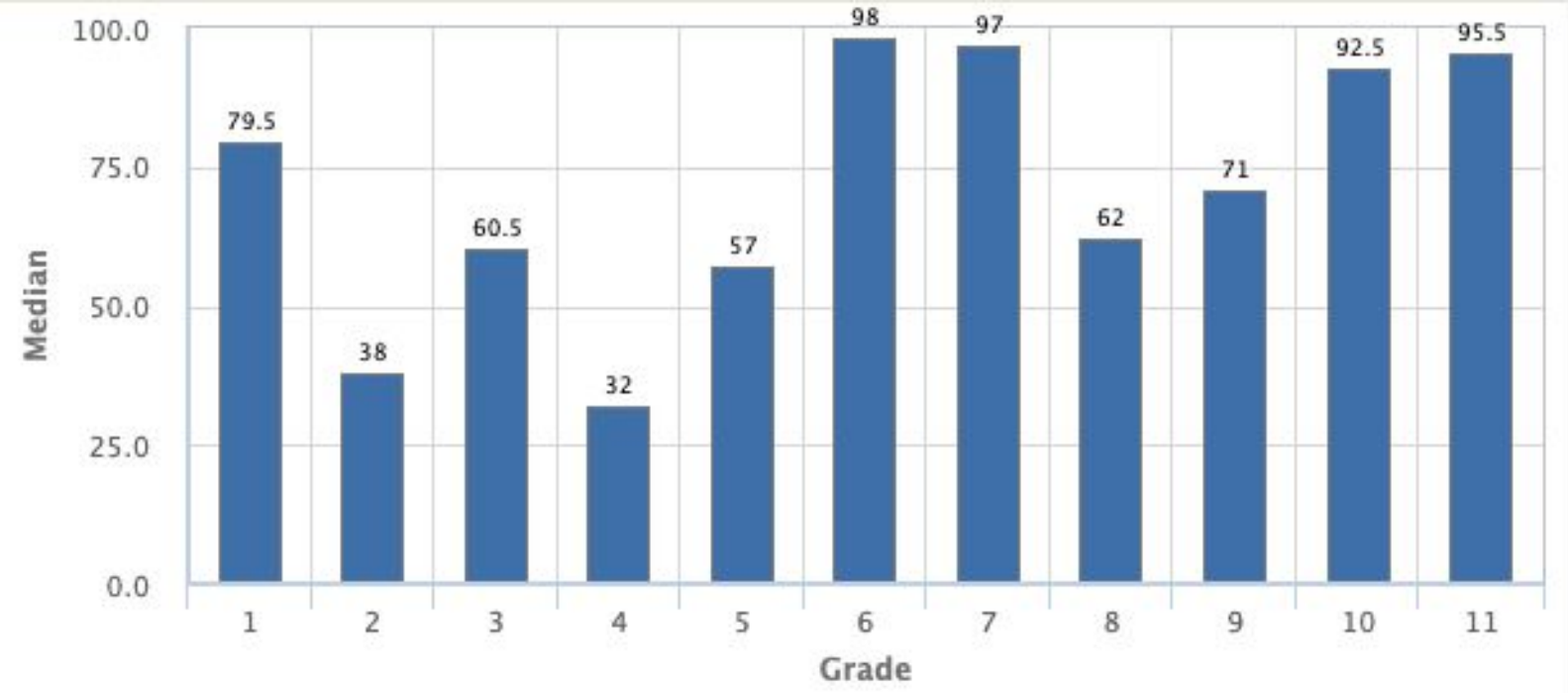
- ESD22 had the 9th highest Median Growth Percentile.

2018 ACCESS Growth		
District Name	Reaching Median Growth (%)	Compared to previous year
CO State	**51**	up 1%
IDALIA RJ-3	72	
ACADEMY 20	70.5	
JOHNSTOWN-MILLIKEN RE-5J	65	
STRASBURG 31J	64	
EAST GRAND 2	63.5	
MOFFAT COUNTY RE:NO 1	63	
CHEYENNE MOUNTAIN 12	63	
ARCHULETA COUNTY 50 JT	62.5	
ELLICOTT 22	62	up 3%
HARRISON 2	61	
THOMPSON R2-J	61	
STRATTON R-4	60	
FOUNTAIN 8	60	
BYERS 32J	58.5	
LEWIS-PALMER 38	58	

Median Growth Percentile by Grade 17/18



Median Growth Percentile by Grade 18/19



CMAS

CMAS

- State mandated
- Assesses student comprehension & application of the state standards.
- Measures achievement and growth in Math and ELA
- Measures achievement in Science and Social Studies*



CMAS ELA

Participation Rates 2018

- 3rd grade: 95.5%
- 4th grade: 95.9%
- 5th grade: 96.2%
- 6th grade: 94%
- 7th grade: 93.3%
- 8th grade: 93.7%

Participation Rates 2019

- 3rd grade: 98.7%
- 4th grade: 98.7%
- 5th grade: 98.8%
- 6th grade: 98.8%
- 7th grade: 97.6%
- 8th grade: 98.6%

ELA (Achievement)

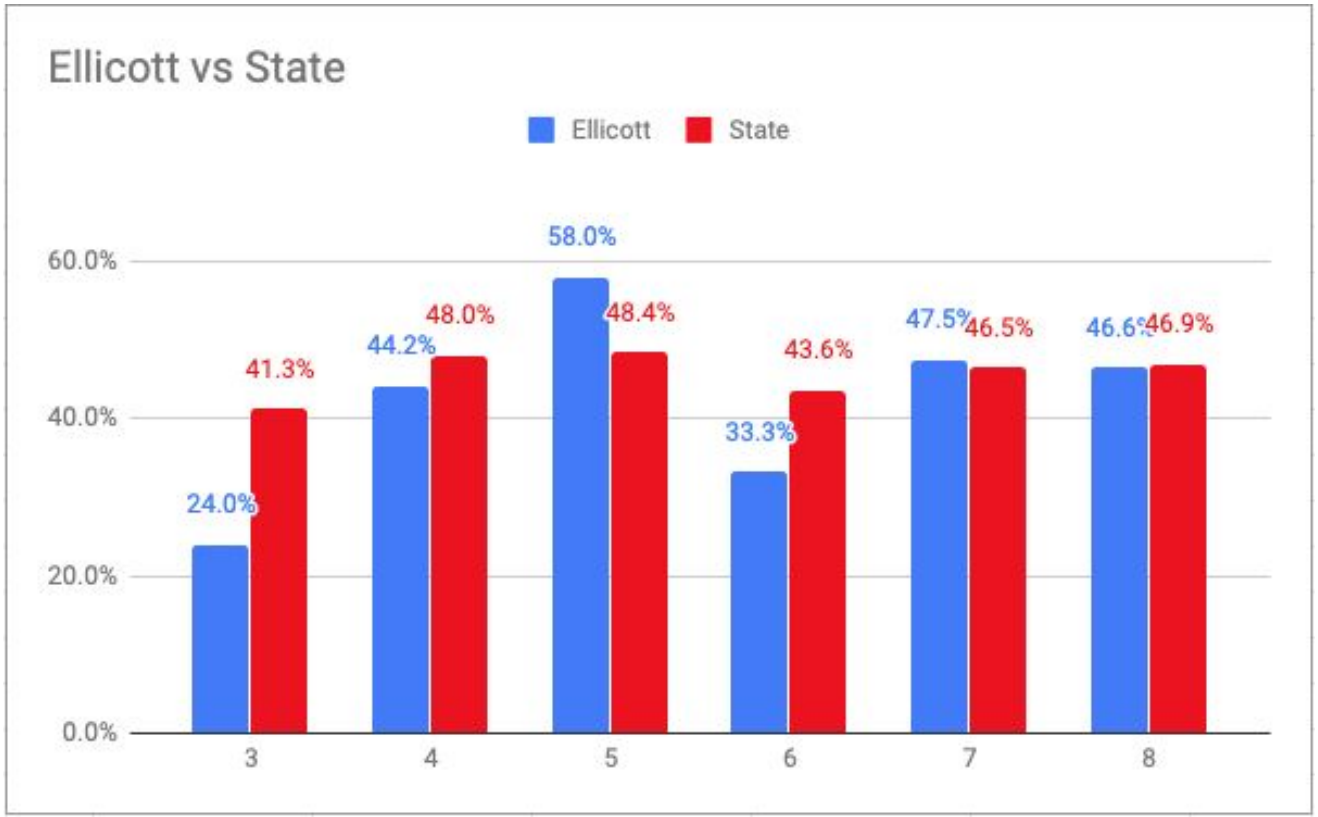
2018

	Ellicott			State		
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)
3	84	31	36.9%	63,016	25,430	40.4%
4	70	35	50.0%	64,789	29,848	46.1%
5	75	35	46.7%	65,359	30,965	47.4%
6	78	27	34.6%	63,647	27,269	42.8%
7	70	26	37.1%	60,907	28,367	46.6%
8	74	23	31.1%	58,684	25,676	43.8%

2019

	Ellicott			State
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	Met/Exceeded Expecations (%)
3	75	18	24.0%	41.3%
4	77	34	44.2%	48.0%
5	81	47	58.0%	48.4%
6	84	28	33.3%	43.6%
7	80	38	47.5%	46.5%
8	73	34	46.6%	46.9%

ELA (Achievement - Met/Exceeded Expect.)



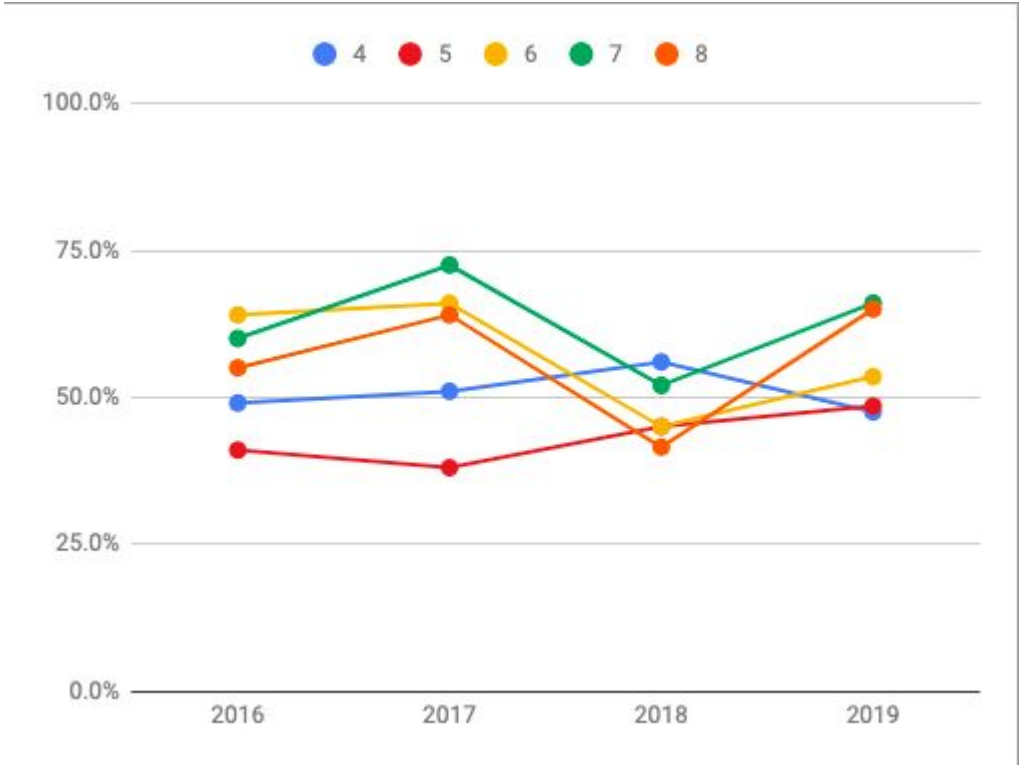
Overall

- 3rd grade - 112nd of 128 in the state.
- 4th grade - 64th of 130 in the state.
- 5th grade - 25th of 136 in the state.
- 6th grade - 85th of 127 in the state.
- 7th grade - 46th of 131 in the state.
- 8th grade - 54th of 129 in the state.

ELA (Growth - Median Growth Percentile)

	Ellicott			
	2016 Median Growth Percentile (%)	2017 Median Growth Percentile (%)	2018 Median Growth Percentile (%)	2019 Median Growth Percentile (%)
4	49.0%	51.0%	56.0%	47.5%
5	41.0%	38.0%	45.0%	48.5%
6	64.0%	66.0%	45.0%	53.5%
7	60.0%	72.5%	52.0%	66.0%
8	55.0%	64.0%	41.5%	65.0%

ELA (Growth - Median Growth Percentile)



CMAS Math

Participation Rates 2018

- 3rd grade: 95.5%
- 4th grade: 95.9%
- 5th grade: 98.7%
- 6th grade: 95.2%
- 7th grade: 93.3%
- 8th grade: 96.2%

Participation Rates 2019

- 3rd grade: 97.4%
- 4th grade: 98.7%
- 5th grade: 98.8%
- 6th grade: 98.8%
- 7th grade: 97.6%
- 8th grade: 98.6%

Math (Achievement)

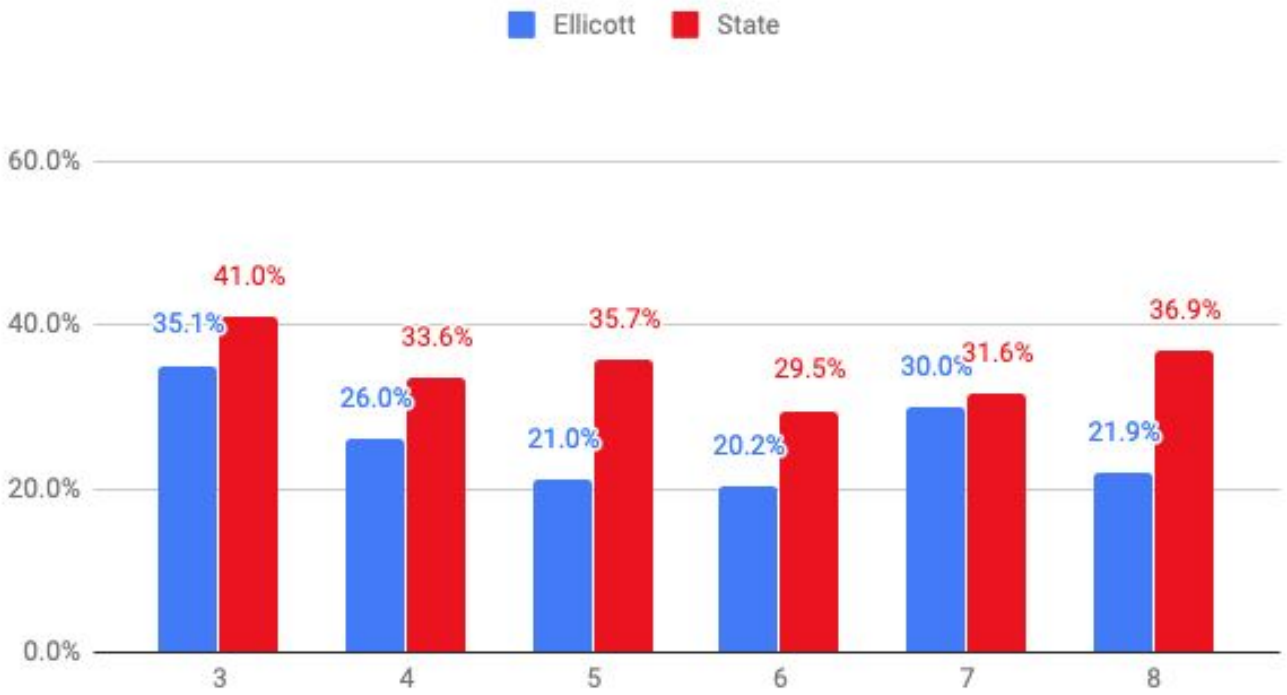
2018

	Ellicott			State		
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)
3	84	32	38.1%	64,714	25,307	39.1%
4	70	30	42.9%	65,995	22,342	33.9%
5	77	21	27.3%	65,516	23,288	35.5%
6	79	15	19.0%	63,765	19,354	30.4%
7	70	15	21.4%	59,983	17,281	28.8%
8	76	27	35.5%	49,189	13,854	28.2%

2019

	Ellicott			State
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	Met/Exceeded Expecations (%)
3	74	26	35.1%	41.0%
4	77	20	26.0%	33.6%
5	81	17	21.0%	35.7%
6	84	17	20.2%	29.5%
7	80	24	30.0%	31.6%
8	73	16	21.9%	36.9%

Math (Achievement - Met/Exceeded Expect.)



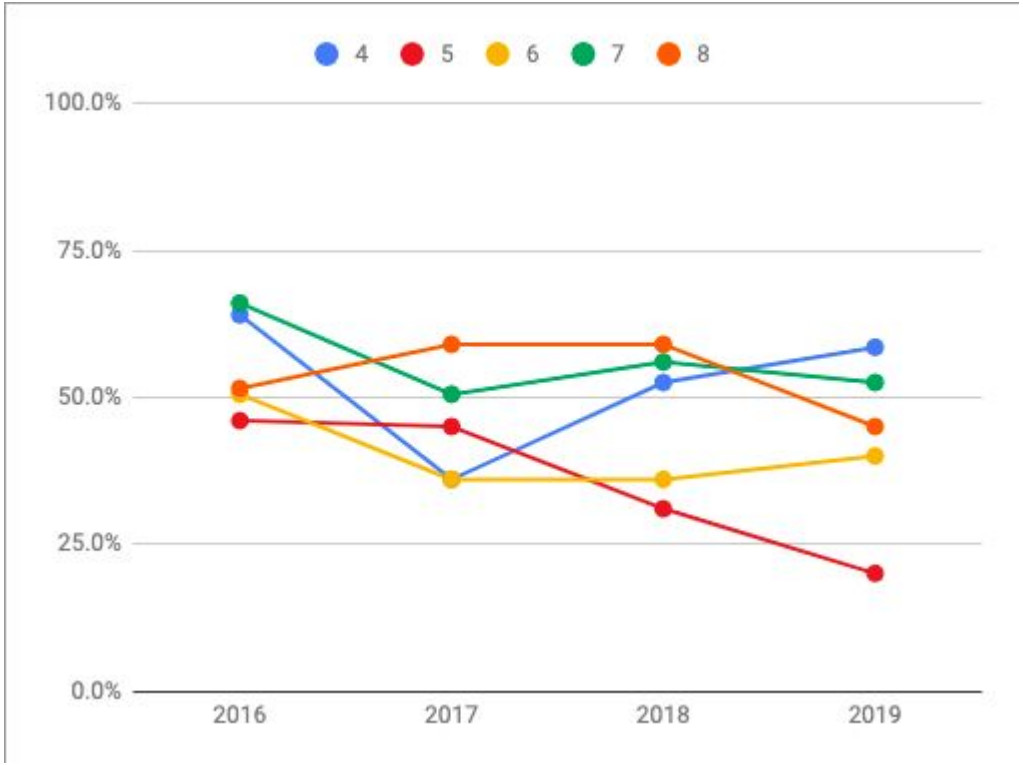
Overall

- 3rd grade - 67th of 128 in the state.
- 4th grade - 71st of 125 in the state.
- 5th grade - 98th of 129 in the state.
- 6th grade - 67th of 117 in the state.
- 7th grade - 38th of 122 in the state.
- 8th grade - 92nd of 123 in the state.

Math (Growth - Median Growth Percentile)

	Ellicott			
	2016 Median Growth Percentile (%)	2017 Median Growth Percentile (%)	2018 Median Growth Percentile (%)	2019 Median Growth Percentile (%)
4	64.0%	36.0%	52.5%	58.5%
5	46.0%	45.0%	31.0%	20.0%
6	50.5%	36.0%	36.0%	40.0%
7	66.0%	50.5%	56.0%	52.5%
8	51.5%	59.0%	59.0%	45.0%

Math (Growth - Median Growth Percentile)



CMAS Science

Participation Rates 2018

- 5th grade: 96.2%
- 8th grade: 93.8%
- 11th grade: 82.9%

Participation Rates 2019

- 5th grade: 97.6%
- 8th grade: 95.9%
- 11th grade: 98.3%

Science (Achievement)

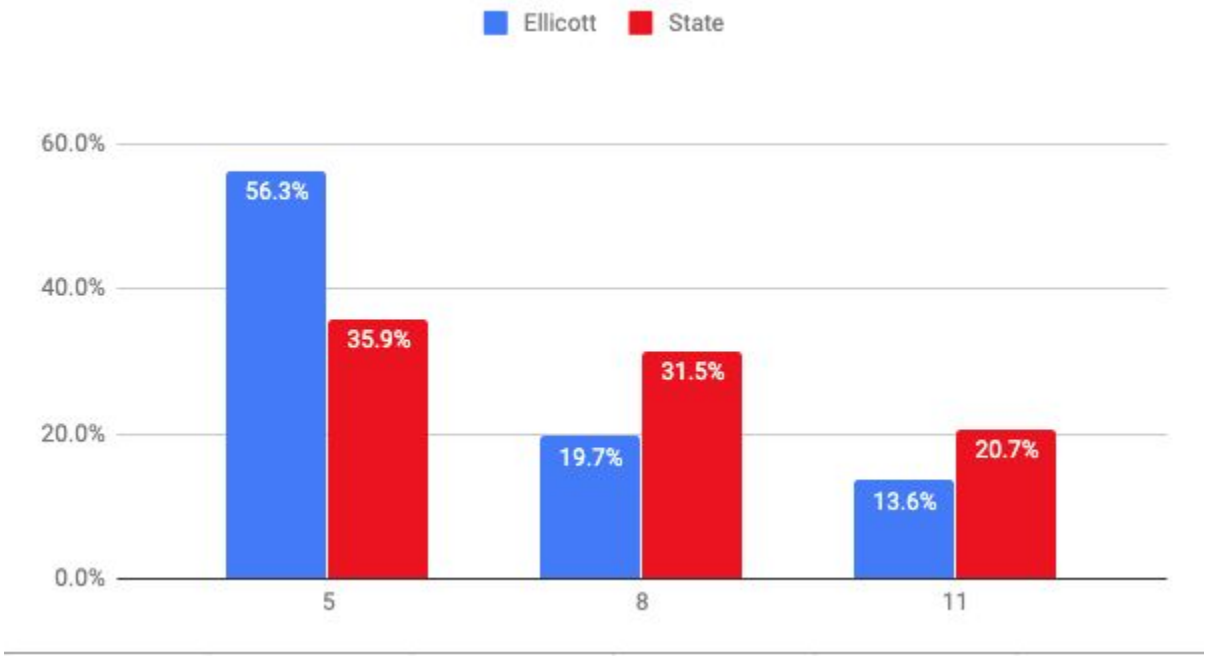
2018

	Ellicott			State		
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)
5	75	33	44.0%	65,228	23,138	35.5%
8	76	28	36.8%	58,136	18,130	31.2%
11	58	8	13.8%	38,910	9,388	24.1%

2019

	Ellicott			State
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	Met/Exceeded Expecations (%)
5	80	45	56.3%	35.9%
8	71	12	19.7%	31.5%
11	59	8	13.6%	20.7%

Science (Achievement - Met/Exceeded Expect)



Overall

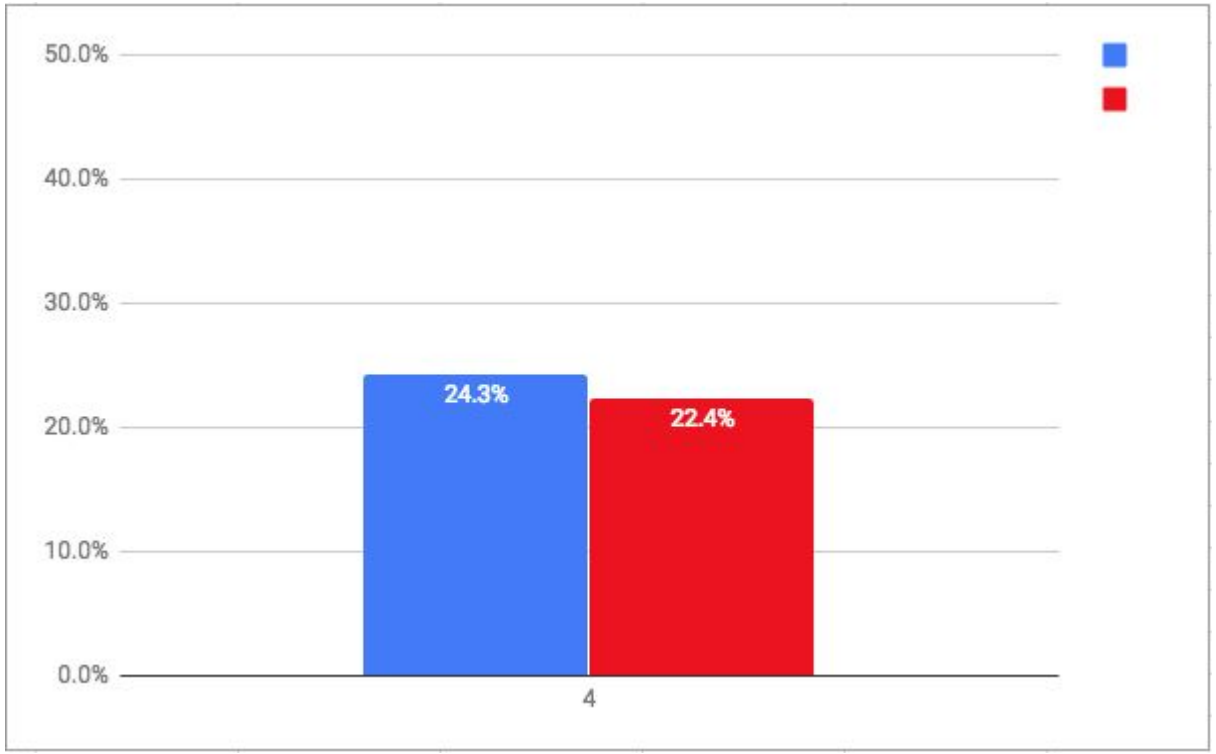
- 5th grade - 11th of 125 in the state.
- 8th grade - 80th of 113 in the state.
- 11th grade - 86th of 112 in the state.

CMAS Social Studies

Social Studies (Achievement)

	Ellicott			State		
	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)	# students w/valid tests	# Met/Exceeded Expectations	Met/Exceeded Expecations (%)
4	70	17	24.3%	21,441	4,809	22.4%

Social Studies (Achievement - Met/Exceeded Expect.)



CMAS Above State Norm

Achievement Data

6/15 tests = 40%

- 4th grade ELA
- 4th grade Math
- 4th grade Soc. Stud.
- 5th grade Science
- 8th grade Math
- 8th grade Science

Growth

Increased in Median Growth Percentile

- 4th grade ELA
- 5th grade ELA
- 4th grade Math
- 6th grade Math*
- 7th grade Math
- 8th grade Math*

Decreased in Median Growth Percentile

- 6th grade ELA
- 7th grade ELA
- 8th grade ELA
- 5th Math

*indicates same growth percentile from 2017 to 2018

PSAT/SAT

Participation Rates 2018

- 9th grade: 98.8%
- 10th grade: 100%
- 11th grade: 100%

Participation Rates 2019

- 9th grade: 100%
- 10th grade: 97.5%
- 11th grade: 98.3%

PSAT/SAT

- Mean score is calculated AND % met benchmark
- Each of the three grades have different cut scores (comparing % met benchmark more reliable)
- State average for Colorado is higher than the national average (national averages excluded from following data)

PSAT/SAT
Evidence-Based Reading & Writing

ERW (Achievement)

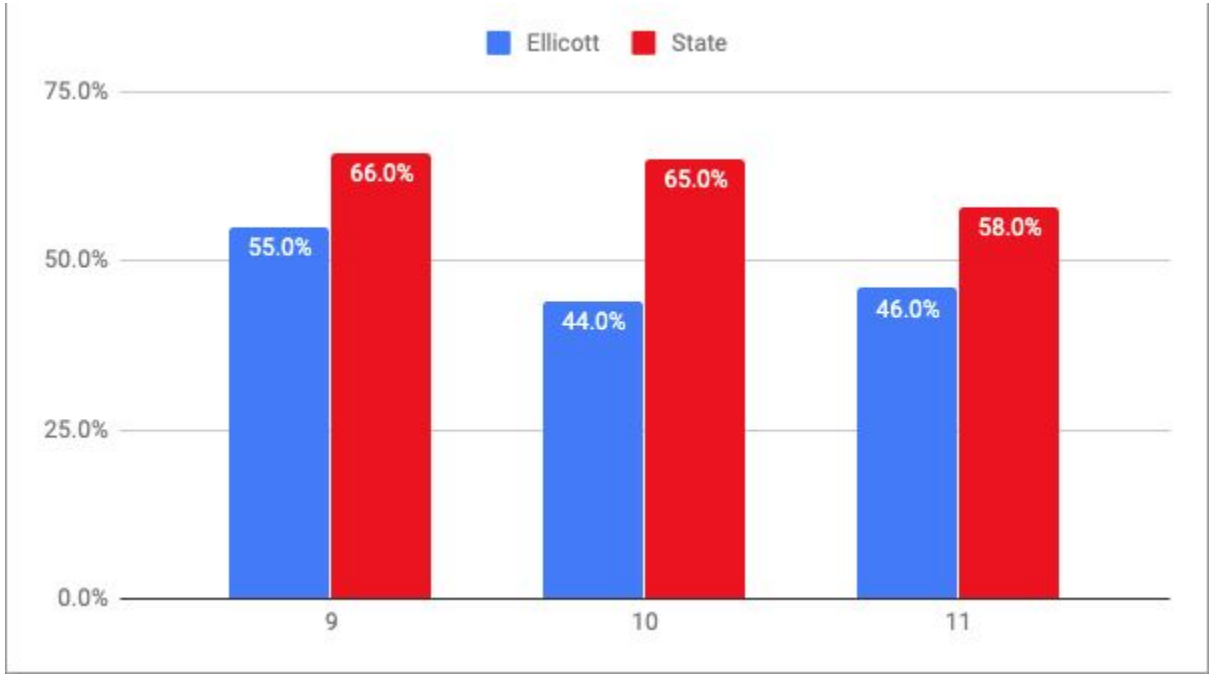
2018

	Ellicott		State	
	Mean Score	Met Benchmark (%)	Mean Score	Met Benchmark (%)
9	416	48.0%	454	66.0%
10	447	57.0%	479	66.0%
11	450	34.0%	515	61.0%

2019

	Ellicott		State	
	Mean Score	Met Benchmark (%)	Mean Score	Met Benchmark (%)
9	423	55.0%	457	66.0%
10	430	44.0%	476	65.0%
11	465	46.0%	504	58.0%

ERW (Achievement - % Met Benchmark)



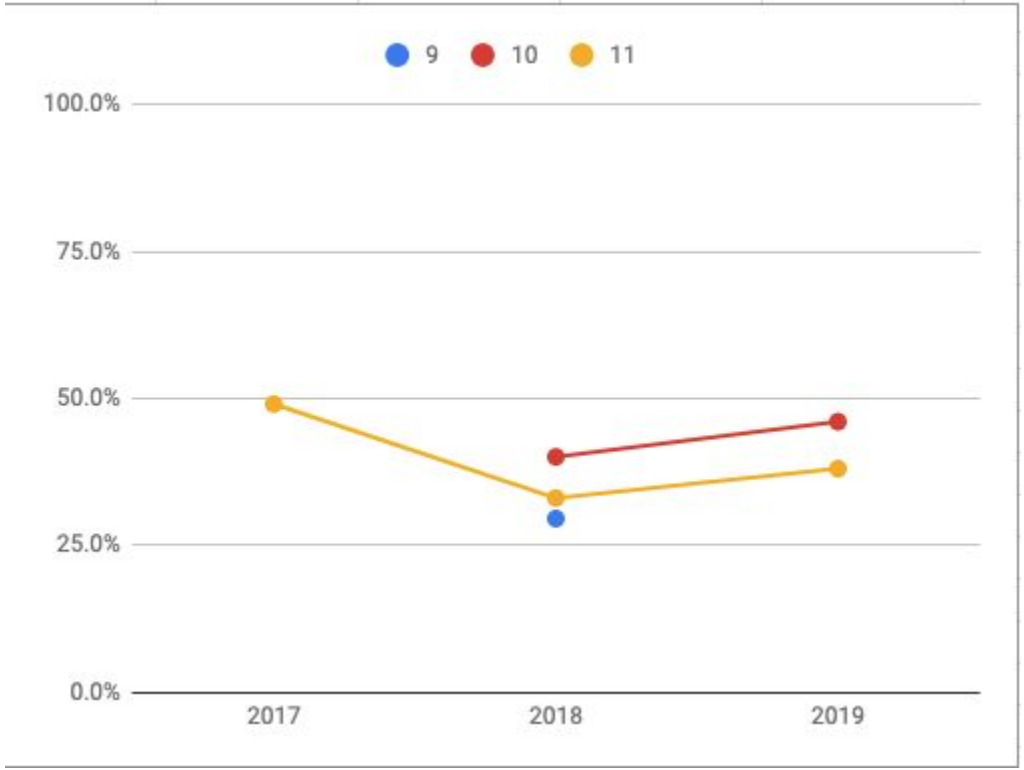
Overall

- 9th grade - 109th of 137 in the state.
- 10th grade - 116th of 134 in the state.
- 11th grade - 102nd of 133 in the state.

ERW (Growth - Median Growth Percentile)

	Ellicott		
	2017 Median Growth Percentile (%)	2018 Median Growth Percentile (%)	2019 Median Growth Percentile (%)
9		29.5%	-%
10		40.0%	46.0%
11	49.0%	33.0%	38.0%

ERW (Growth - Median Growth Percentile)



PSAT/SAT Math

Math (Achievement)

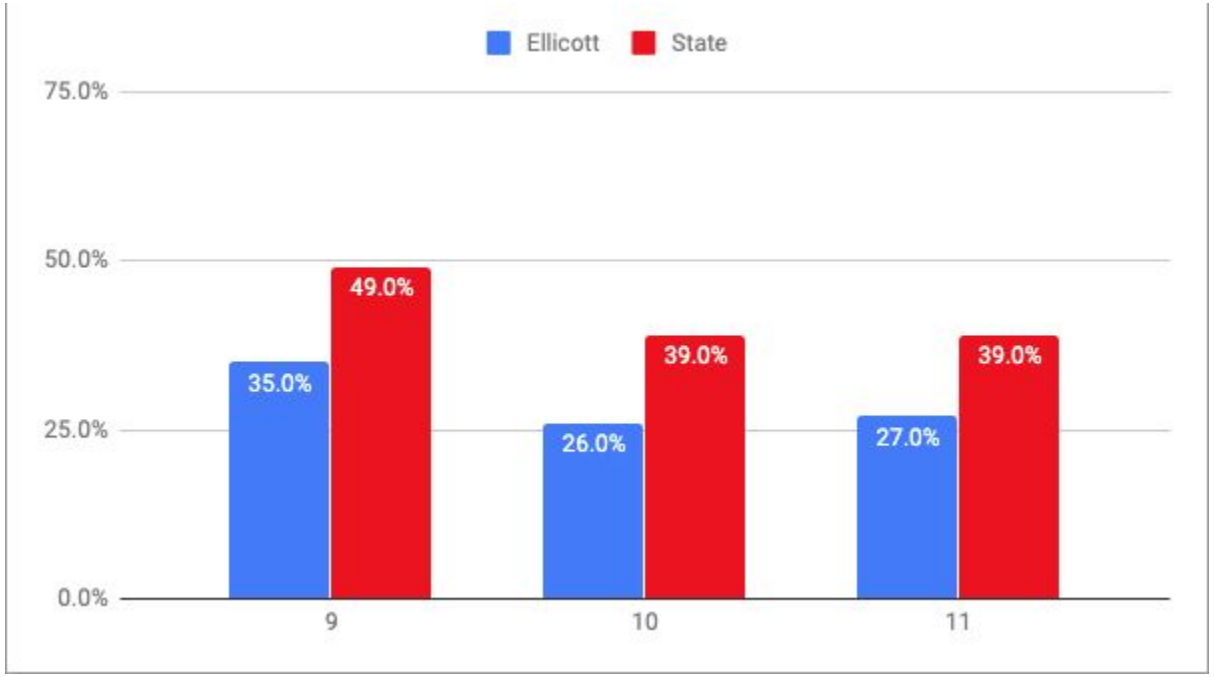
2018

	Ellicott		State	
	Mean Score	Met Benchmark (%)	Mean Score	Met Benchmark (%)
9	417	33.0%	448	50.0%
10	445	41.0%	465	44.0%
11	443	18.0%	503	40.0%

2019

	Ellicott		State	
	Mean Score	Met Benchmark (%)	Mean Score	Met Benchmark (%)
9	419	35.0%	448	49.0%
10	432	26.0%	462	39.0%
11	466	27.0%	496	39.0%

Math (Achievement - % Met Benchmark)



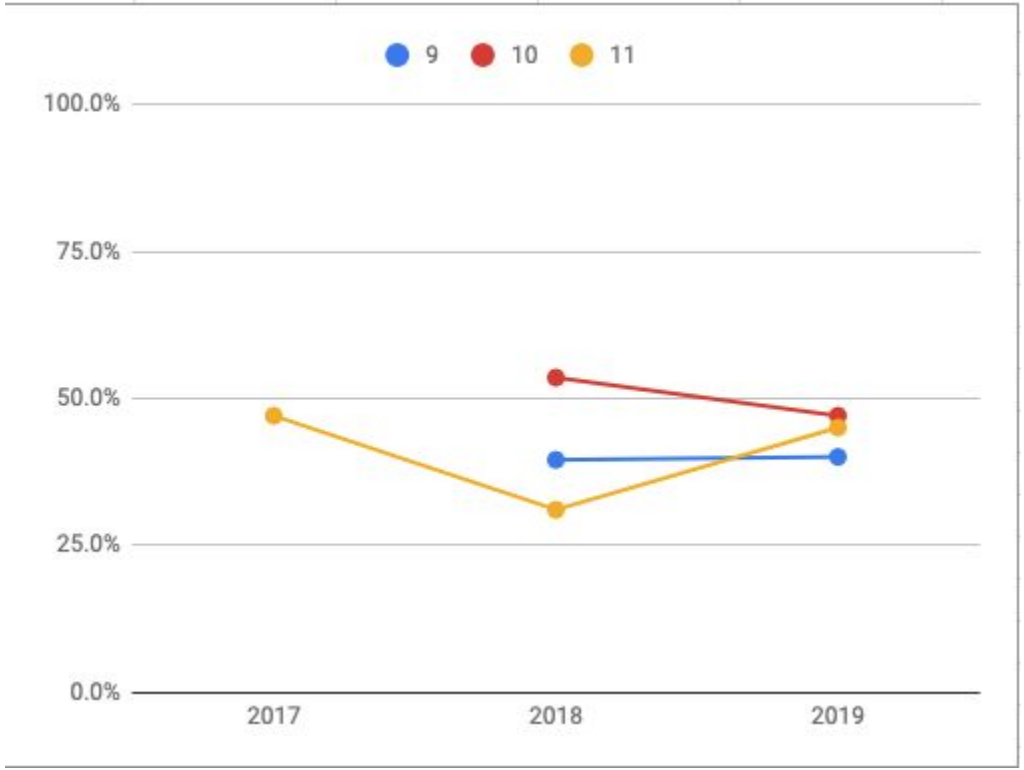
Overall

- 9th grade - 94th of 137 in the state.
- 10th grade - 92nd of 134 in the state.
- 11th grade - 75th of 133 in the state.

Math (Growth - Median Growth Percentile)

	Ellicott		
	2017 Median Growth Percentile (%)	2018 Median Growth Percentile (%)	2019 Median Growth Percentile (%)
9		39.5%	40.0%
10		53.5%	47.0%
11	47.0%	31.0%	45.0%

Math (Growth - Median Growth Percentile)



Advanced Placement

AP (Pass Rates)

	Ellicott								
Test	Students Taking Test	# passed	2017 Pass Rate	Students Taking Test	# passed	2018 Pass Rate	Students Taking Test	# passed	2019 Pass Rate
Biology	12	0	0.00%	5	0	0.00%			#DIV/0!
Calculus AB	2	0	0.00%	3	2	66.67%			#DIV/0!
Chemistry	13	0	0.00%	2	2	100.00%			#DIV/0!
Eng. Lit.	8	1	12.50%	12	1	8.33%	9	5	55.56%
Eng. Lang.	5	1	20.00%	19	6	31.58%	11	3	27.27%
Human Geo.	23	2	8.70%	17	12	70.59%			#DIV/0!
Physics	4	0	0.00%	4	0	0.00%			#DIV/0!
Psychology	8	0	0.00%	2	0	0.00%			#DIV/0!
Statistics	3	0	0.00%	2	1	50.00%			#DIV/0!
US History	1	1	100.00%			#DIV/0!			#DIV/0!
Comp. Science			#DIV/0!	5	3	60.00%			#DIV/0!
Average Total	79	5	6.33%	71	27	38.03%	20	8	40.00%

Moving Forward

Moving Forward

- Need to focus on:
  - increasing student achievement in ES and MS math.
  - increasing growth in early ES Math.
  - increasing student achievement in ES ELA.
  - increasing growth in ES ELA.
  - increasing 8th grade and HS science achievement.
  - increasing high school ERW and math student achievement.
  - increasing growth in high school ERW and math.
  - Offering more AP classes, encouraging correct placement of students, & continue teacher training.

Questions?