

Middle & High School NYS Assessments & Regents Exams



Board of Education Presentation
October 2023

VITAL SIGNS

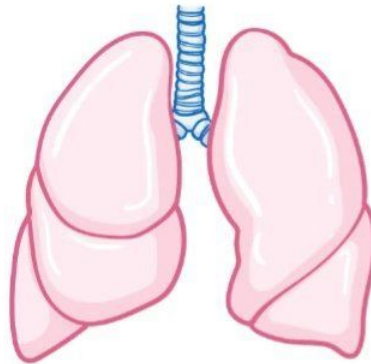
OBJECTIVE MEASUREMENTS of BODY'S ESSENTIAL FUNCTIONS



TEMPERATURE



PULSE



RESPIRATORY
RATE



BLOOD
PRESSURE

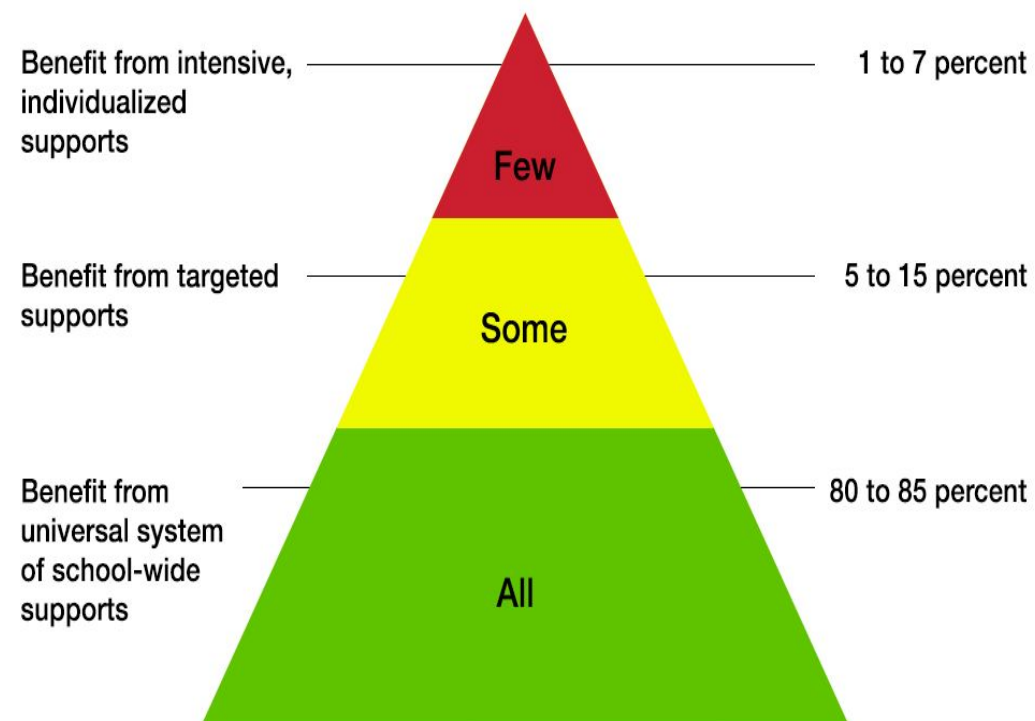


OXYGEN
SATURATION

Middle School

By the Numbers

Who Needs Only Tier 1 in Fall 2023?



<https://www.pinterest.com/pin/23010648081628992/>

	Reading	Math
6	87%	78%
7	99%	88%
8	92%	83%

Green Cells=Within the theoretical range for RTI Tier 1

Red Cells=Below the theoretical range for RTI Tier 1

aimswEBPlus

Fall 2023

General Education Students Compared
With Students With Disabilities

General Education Students Compared to SWDs Needing Only Tier 1

Reading				
	GEN ED		SWDs	
	# of Students	% of Total Ss	# of Students	% of Total Ss
6	117/125	94%	11/22	50%
7	122/123	99%	20/21	95%
8	119/127	94%	12/16	75%

KEY

Green Cells=Within the theoretical range for RTI Tier 1
Red Cells=Below the theoretical range for RTI Tier 1

General Education Students Compared to SWDs Needing Only Than Tier 1

Math				
	GEN ED		SWDs	
	# of Students	% of Total Ss	# of Students	% of Total Ss
6	110/133	83%	4/13	31%
7	115/123	93%	13/22	59%
8	116/130	89%	6/17	35%

KEY

Green Cells=Within the theoretical range for RTI Tier 1
Red Cells=Below the theoretical range for RTI Tier 1

Gen Ed Students Who Need Only Tier 1 in Fall 2023?

	Reading		Math	
	Gen Ed Only	All Students	Gen Ed Only	All Students
6	94%	87%	83%	78%
7	99%	99%	93%	88%
8	94%	92%	89%	83%

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

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Fall Historical Data

Fall to Fall Reading Side-By-Side Comparison

	Needing Tier 1 Only					
	Fall 19/20	Fall 20/21	Fall 21/22	Fall 22/23	Fall 23/24	2-Year Difference
6	94%	90%	94%	85%	87%	+2
7	93%	95%	94%	92%	99%	+7
8	89%	92%	95%	85%	92%	+7

KEY

Green Cells=Within the theoretical range for RTI Tier 1
Red Cells=Below the theoretical range for RTI Tier 1

Green Numbers=
Positive Growth
Red Numbers=
Negative Growth

Fall to Fall Math Side-By-Side Comparison

	Needing Tier 1 Only					
	Fall 19/20	Fall 20/21	Fall 21/22	Fall 22/23	Fall 23/24	2-Year Difference
6	89%	77%	83%	75%	78%	+3
7	88%	83%	81%	84%	88%	+4
8	79%	71%	82%	77%	83%	+6

KEY

Green Cells=Within the theoretical range for RTI Tier 1
Red Cells=Below the theoretical range for RTI Tier 1

Green Numbers=
Positive Growth
Red Numbers=
Negative Growth

New York State

Assessment Data

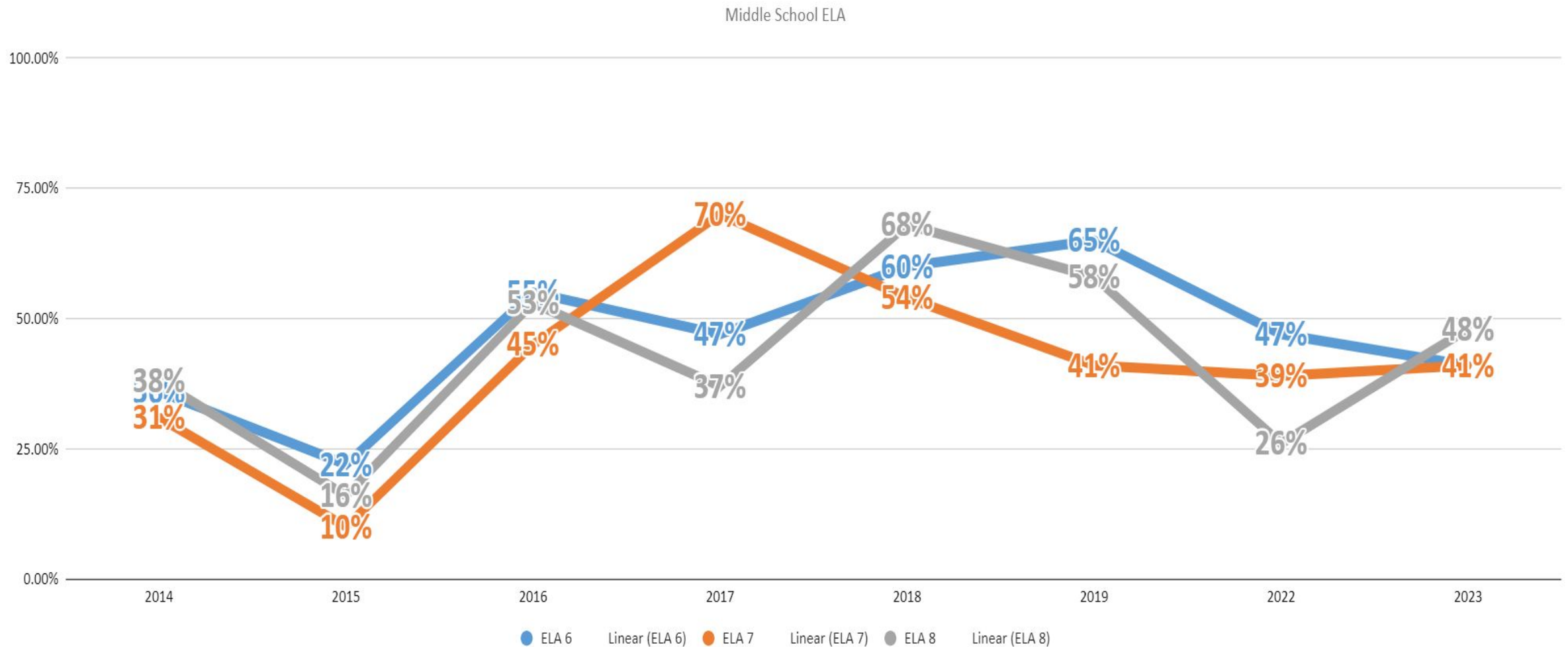
Student Refusal Data

	Grade 6		Grade 7		Grade 8		Regents
	ELA	Math	ELA	Math	ELA	Math	% of Ss
2014	3%	3%	2%	5%	4%	8%	-
2015	19%	29%	25%	33%	24%	36%	-
2016	17%	21%	44%	51%	37%	61%	-
2017	28%	32%	26%	33%	56%	43%	28%
2018	16%	18%	30%	30%	30%	22%	40%
2019	15%	19%	16%	25%	34%	29%	46%
2020-21							
2022	23%	41%	17%	36%	38%	61%	32%
2023	22%	35%	47%	50%	50%	58%	29%

Comparison ELA Data

	Lew-Port	
2023 Proficiency Rates	% of Tested	% of Eligible
Grade 6	41%	32%
Grade 7	41%	21%
Grade 8	48%	24%

Historical MS ELA Results



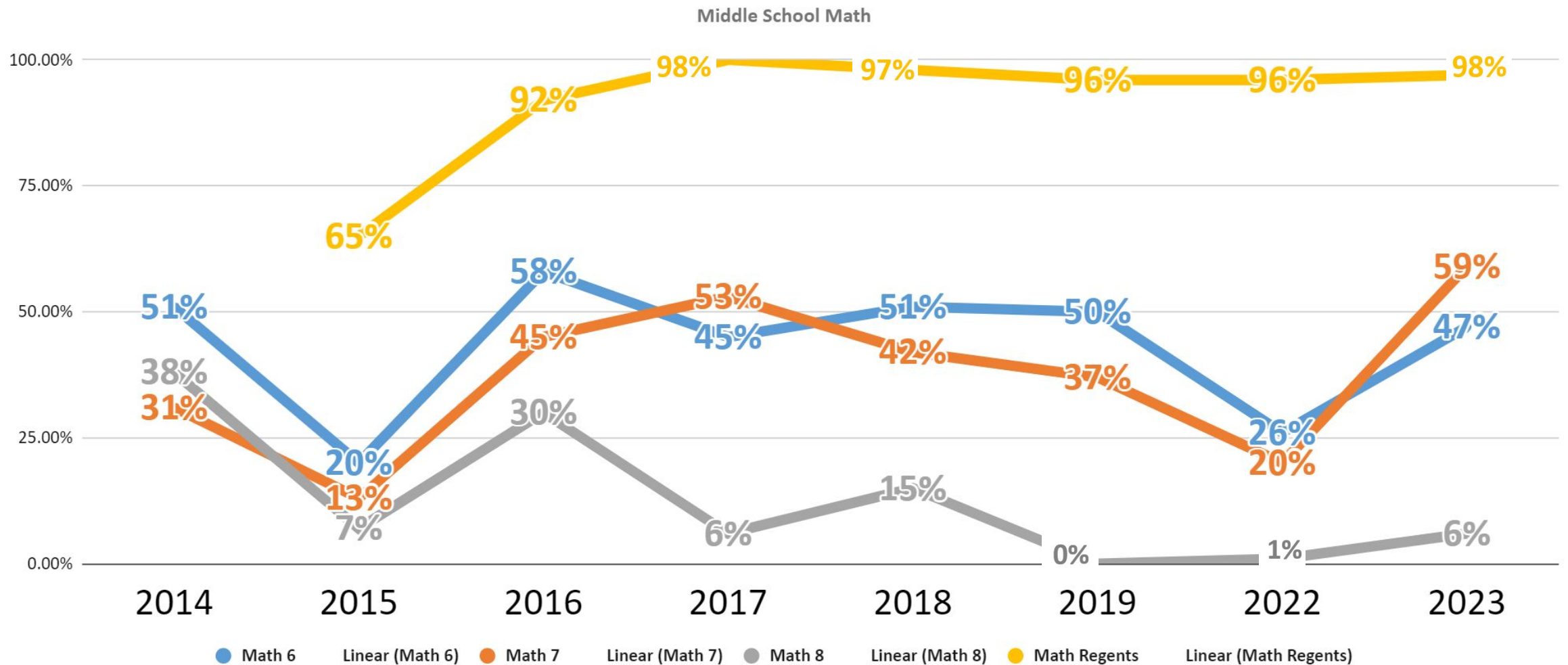
Middle School ELA Cohort Proficiency Data

	Grade 6	Grade 7	Grade 8
2014	36%	31%	38%
2015	22%	10%	16%
2016	55%	45%	53%
2017	47%	70%	37%
2018	60%	54%	68%
2019	65%	41%	59%
2020-2021			
2022	47%	39%	26%
2023	41%	41%	48%

Comparison Math Data

	Lew-Port	
2023 Proficiency Rates	% of Tested	% of Eligible
Grade 6	47%	31%
Grade 7	59%	30%
Grade 8	6%	3%

Historical MS Math Results



Middle School Math Cohort Data

	Grade 6	Grade 7	Grade 8	Regents
2014	51%	31%	38%	
2015	20%	13%	7%	65%
2016	58%	45%	30%	92%
2017	45%	53%	6%	100%
2018	51%	42%	15%	98%
2019	50%	38%	0%	100%
2020 + 2021				
2022	26%	20%	1%	96%
2023	47%	59%	6%	97%

High School

By the Numbers

Fall 2022 Reading Plus Results

Grade	Enrolled	Assessed	Avg Comp	Avg Vocab	Avg Rate	Avg Proficiency
9th	157	149	8.2	10.3	188	8.3
10th	154	128	9.6	11.5	204	9.7
11th	159	140	10.8	11.5	196	9.6
12th	154	94	11	12.3	195	10.7

Fall 2023 Reading Plus Results

Grade	Enrolled	Assessed	Avg Comp	Avg Vocab	Avg Rate	Avg Proficiency
9th	176	172	8.6	10.5	177	8.5
10th	161	149	9.7	11.4	195	9.6
11th	156	118	10.1	11.8	204	10.1
12th	159	77	10.7	12.2	190	10.5

Fall 2022 Reading Plus Results - All Students

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	50	34%	54	42%	46	33%	10	11%	160	31%
at grade	15	10%	16	13%	12	9%	28	30%	71	14%
Below 1	15	10%	14	11%	19	14%	12	13%	60	12%
Below 2	18	12%	13	10%	13	9%	17	18%	61	12%
Below 3	11	7%	7	5%	9	6%	12	13%	39	8%
Below 4	19	13%	9	7%	15	11%	6	6%	49	10%
Below 5+	21	14%	15	12%	26	19%	9	10%	71	14%
Total	149	100%	128	100%	140	100%	94	100%	511	100%
% Needing only Tier 1	66%		76%		64%		71%		69%	

Fall 2023 Reading Plus Results - All Students

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	65	38%	57	38%	36	31%	11	14%	169	33%
at grade	27	16%	13	9%	22	19%	23	30%	85	16%
Below 1	14	8%	26	17%	11	9%	8	10%	59	11%
Below 2	13	8%	14	9%	16	14%	6	8%	49	9%
Below 3	12	7%	11	7%	8	7%	8	10%	39	8%
Below 4	12	7%	10	7%	10	8%	8	10%	40	8%
Below 5+	29	17%	18	12%	15	13%	13	17%	75	15%
Total	172	100%	149	100%	118	100%	77	100%	516	100%
% Needing only Tier 1	69%		74%		72%		62%		69%	

Fall 2022 Reading Plus Results - SWDs Only

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	2	12%	3	20%	1	5%	0	0%	6	10%
at grade	1	6%	1	7%	2	9%	1	14%	5	8%
Below 1	1	6%	0	0%	1	5%	1	14%	3	5%
Below 2	3	18%	1	7%	0	0%	0	0%	4	7%
Below 3	0	0%	0	0%	1	5%	0	0%	1	2%
Below 4	4	24%	2	13%	4	18%	0	0%	10	16%
Below 5+	6	35%	8	53%	13	59%	5	71%	32	52%
Total	17	100%	15	100%	22	101%	7	100%	61	100%
% Needing only Tier 1	41%		34%		19%		28%		31%	

Fall 2023 Reading Plus Results - SWDs Only

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	4	13%	2	11%	1	7%	0	0%	7	10%
at grade	4	13%	5	26%	2	13%	0	0%	11	16%
Below 1	1	3%	1	5%	0	0%	0	0%	2	3%
Below 2	2	6%	2	11%	2	13%	1	20%	7	10%
Below 3	1	3%	0	0%	1	7%	1	20%	3	4%
Below 4	3	10%	1	5%	0	0%	0	0%	4	6%
Below 5+	16	52%	8	42%	9	60%	3	60%	36	51%
Total	31	100%	19	100%	15	100%	5	100%	70	100%
% Needing only Tier 1	35%		53%		33%		20%		35%	

Fall 2022 Reading Plus Results - Gen Ed Only

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	48	36%	51	45%	45	38%	10	11%	154	34%
at grade	14	11%	15	5%	10	8%	27	31%	66	15%
Below 1	14	11%	14	12%	18	15%	11	13%	57	13%
Below 2	15	11%	12	11%	13	11%	17	20%	57	13%
Below 3	11	8%	7	6%	8	7%	12	14%	38	8%
Below 4	15	11%	7	6%	11	9%	6	7%	39	9%
Below 5+	15	11%	7	6%	13	11%	4	5%	39	9%
Total	132	100%	113	92%	118	100%	87	100%	450	100%
% Needing only Tier 1	69%		73%		73%		75%		73%	

Fall 2023 Reading Plus Results - Gen Ed Only

	9		10		11		12		School-Wide	
	Ss	%	Ss	%	Ss	%	Ss	%	Ss	%
above	61	43%	55	42%	35	34%	11	15%	162	36%
at grade	23	16%	8	6%	20	19%	23	32%	74	17%
Below 1	13	9%	25	19%	11	11%	8	11%	57	13%
Below 2	11	8%	12	9%	14	14%	5	7%	42	9%
Below 3	11	8%	11	8%	7	7%	7	10%	36	8%
Below 4	9	6%	9	7%	10	10%	8	11%	36	8%
Below 5+	13	9%	10	8%	6	6%	10	14%	39	9%
Total	141	100%	130	100%	103	100%	72	100%	446	100%
% Needing only Tier 1	77%		77%		78%		65%		74%	

Summary of Students Needing Only Tier 1 Fall 2022

	9th	10th	11th	12th	Total
All Students	66%	76%	64%	71%	69%
Gen Ed Only	69%	73%	73%	75%	73%
SWDs Only	41%	34%	19%	28%	31%

Fall 2023

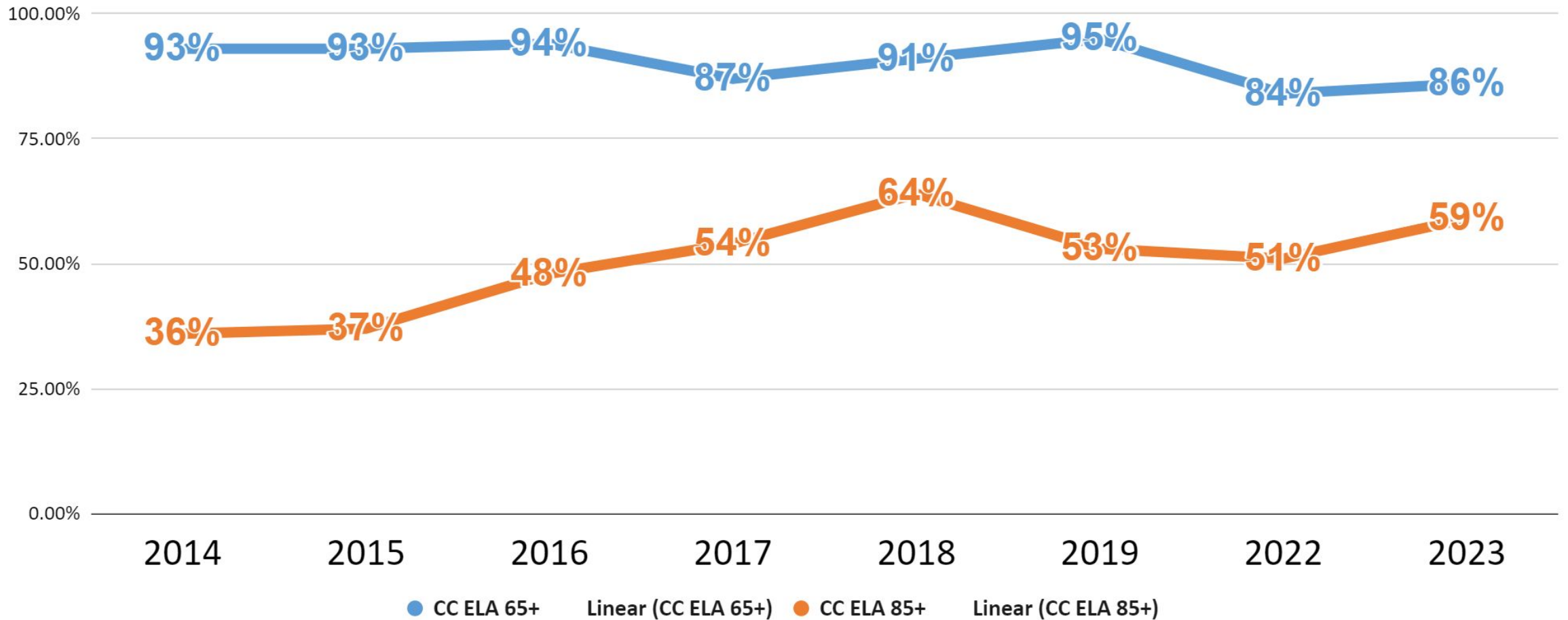
	9th	10th	11th	12th	Total
All Students	69%	74%	72%	62%	69%
Gen Ed Only	77%	77%	78%	65%	74%
SWDs Only	35%	53%	33%	20%	35%

New York State

Regents Data

Common Core ELA

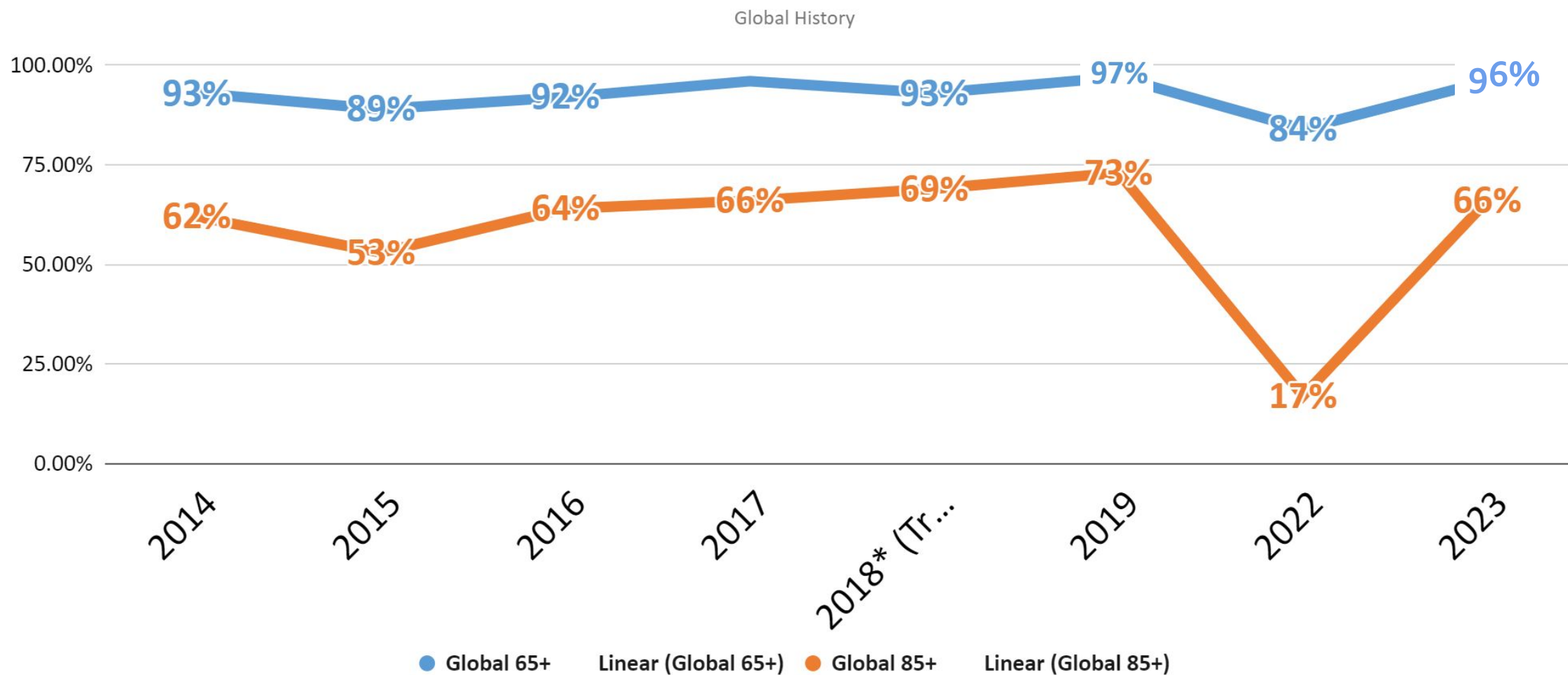
CC ELA



NYS Regents 2023 Results - ELA

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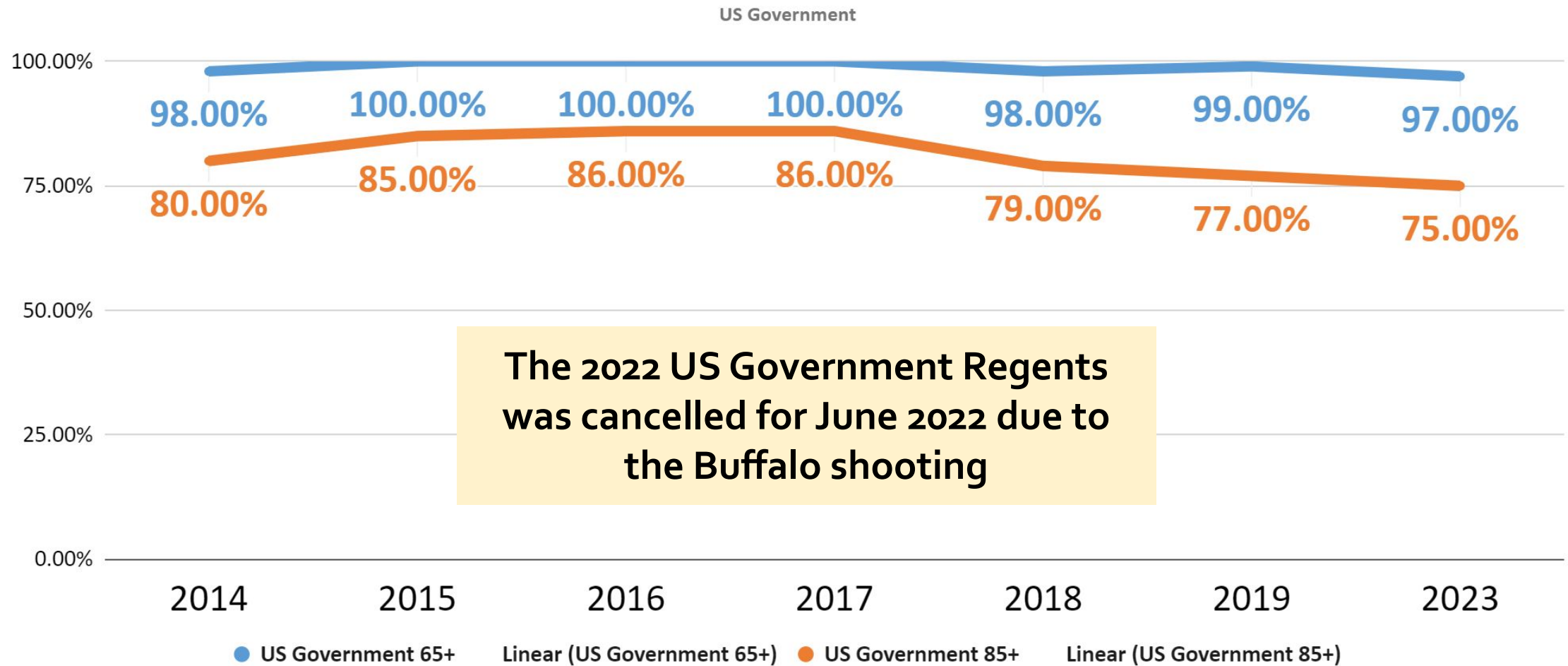
Global History



NYS Regents 2023 Results - Global 10

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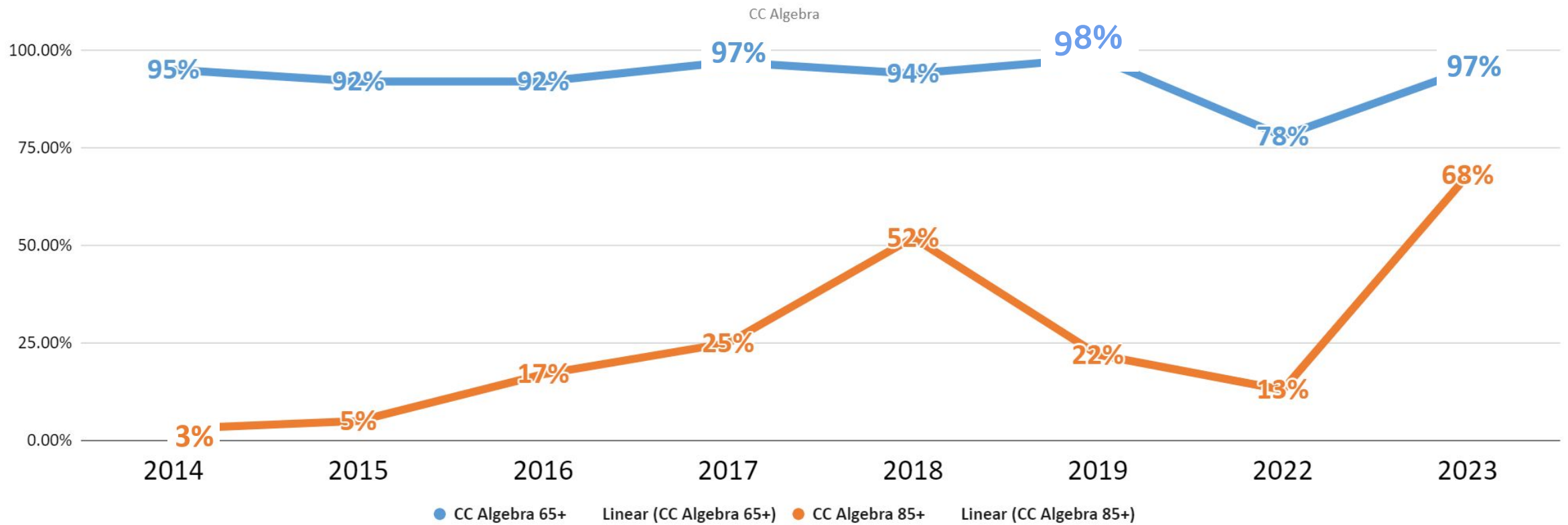
US Government



NYS Regents 2023 Results - U.S. History & Government

	# Students Passing	% Passing	# of Students Not Passing	% Not Passing	0% - 49%	50% - 64%	65% - 84%	85% - 100%		Total # of Students:
TOTAL:	145	100.00%	0	0.00%	0	4	85	56		145
					0.00%	2.76%	58.62%	38.62%		

Common Core Algebra



NYS Regents 2023 Results - Algebra 1

	# Students Passing	% Passing	# of Students Not Passing	% Not Passing	0% - 49%	50% - 64%	65% - 84%	85% - 100%		Total # of Students:
TOTAL:	108	98.18%	2	1.82%	2	4	69	35		110
					1.82%	3.64%	62.73%	31.82%		

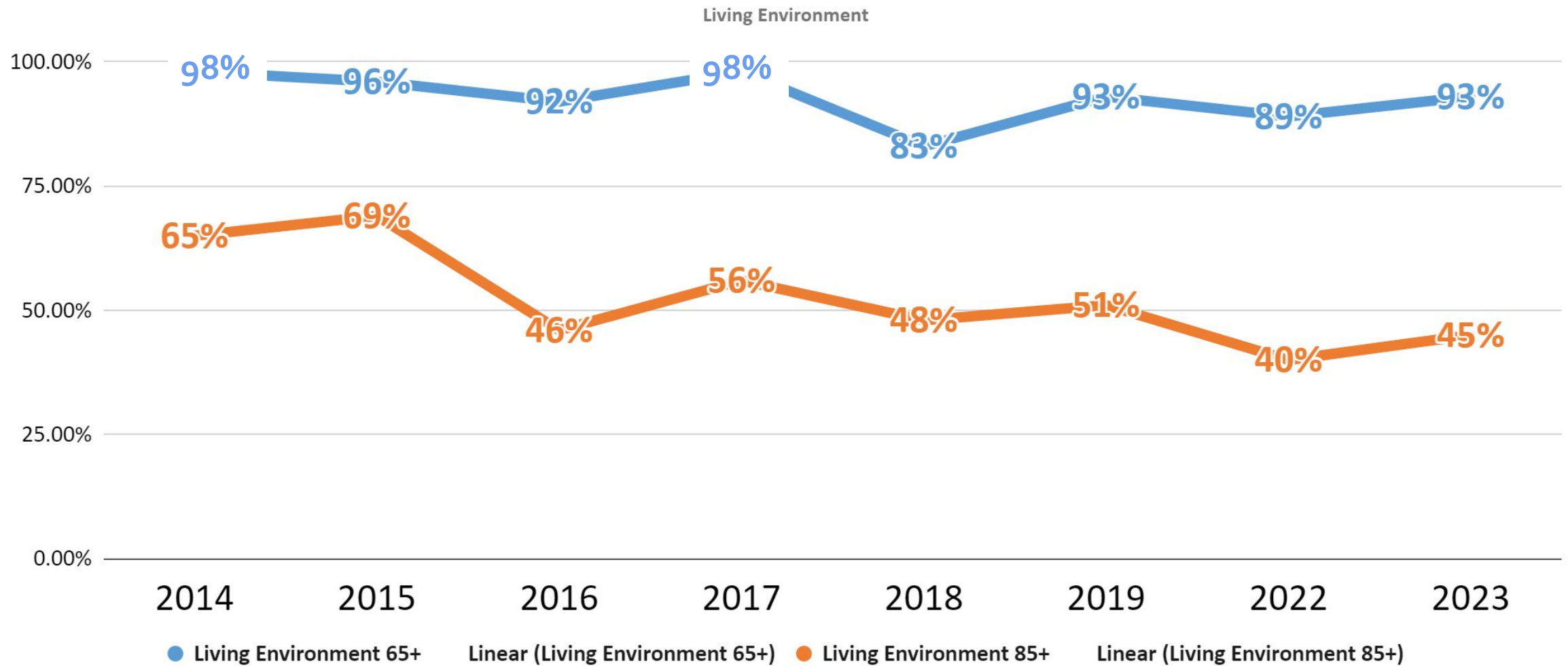
Geometry

	# Students Passing	% Passing	# of Students Not Passing	% Not Passing	0% - 49%	50% - 64%	65% - 84%	85% - 100%		Total # of Students:
TOTAL:	104	98.11%	2	1.89%	2	13	70	21		106
					1.89%	12.26%	66.04%	19.81%		

Algebra 2

	# Students Passing	% Passing	# of Students Not Passing	% Not Passing	0% - 49%	50% - 64%	65% - 84%	85% - 100%		Total # of Students:
TOTAL:	91	97.85%	2	2.15%	2	7	59	25		93
					2.15%	7.53%	63.44%	26.88%		

Living Environment



NYS Regents 2023 Results - Living Environment

	# Students Passing	% Passing	# of Students Not Passing	% Not Passing	0% - 49%	50% - 64%	65% - 84%	85% - 100%		Total # of Students:
TOTAL:	148	99.33%	1	0.67%	1	11	67	70		149
					0.67%	7.38%	44.97%	46.98%		

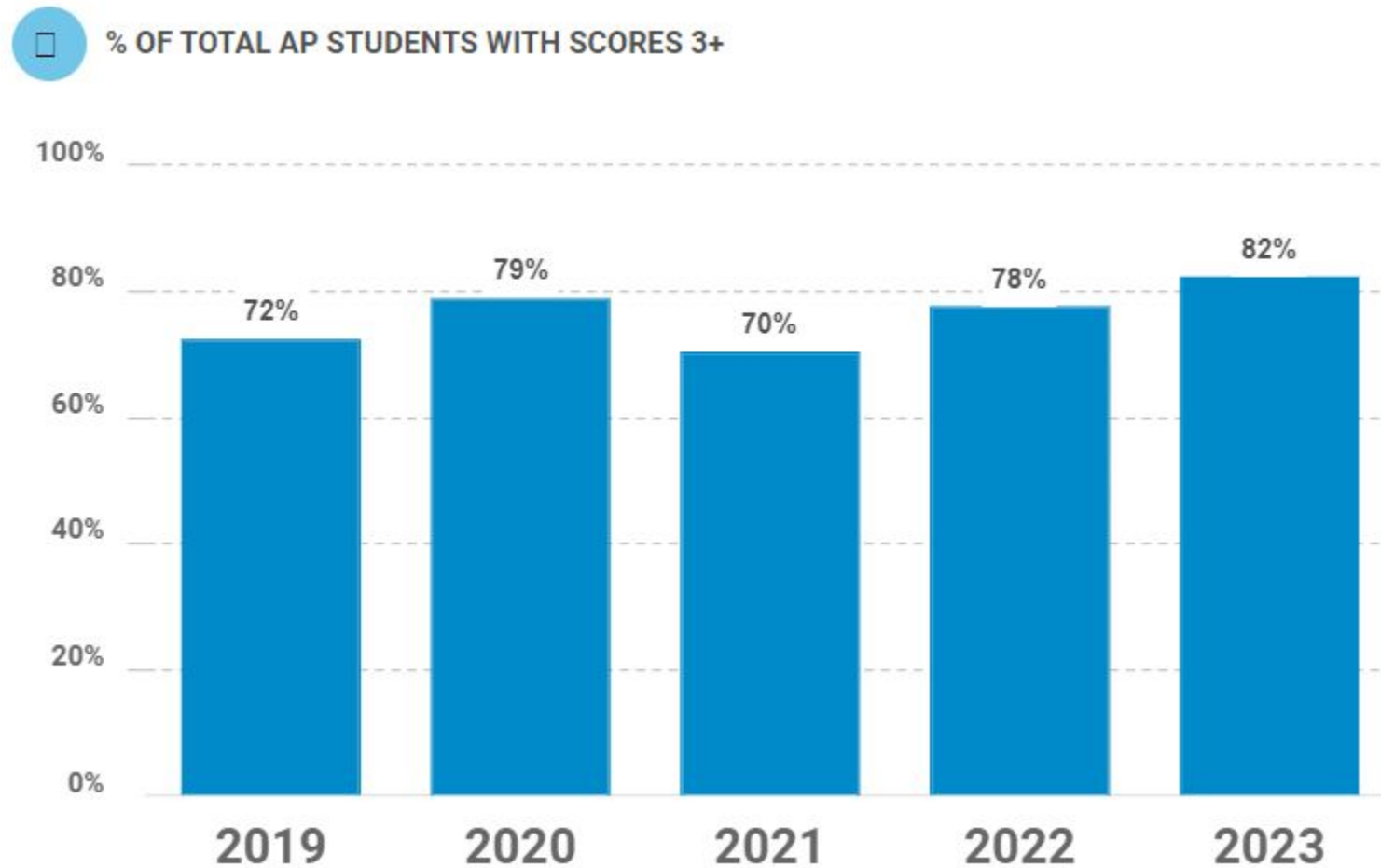
Physics

TOTAL:	36	100.00%	0	0.00%	0	2	10	24		36
					0.00%	5.56%	27.78%	66.67%		

Advanced Placement

Assessment Data

Historical Total Advanced Placement with Scores of 3+




Advanced Placement School Summary

SCHOOL SUMMARY

	2019	2020	2021	2022	2023
Total AP Students	225	208	213	152	136
Number of Exams	392	349	392	241	194
AP Students with Scores 3+	163	164	150	118	112
% of Total AP Students with Scores 3+	72.44	78.85	70.42	77.63	82.35

Advanced Placement by the Numbers

Total AP Students in Your School: 136

Totals for this view 	1	2	3	4	5	Total Exams
Number of Exams	10	23	69	58	34	194
Percentage of Total Exams	5%	12%	36%	30%	18%	100%
Number of AP Students	9	23	62	48	25	

Advanced Placement Organization Summary

Organization Summary (Total Students: 136)

	2D Art Dsgn	3D Art Dsgn	Biol	Calc AB	Chin Lang	Draw	Eng Lang Comp	Eng Lit Comp	Env Sci	Phys C: Mech	Psyc	Span Lang	Stat	US Gov Pol	US Hist	Worl Hist Mod	Total Exams
Number of Exams	30	7	13	17	1	11	6	3	5	10	6	2	2	6	32	43	194
Average Score	3.6	3.7	3.6	4.2	5.0	3.3	2.7	3.7	3.4	3.8	1.2	3.0	4.5	4.5	3.0	3.4	3.4
Percent of Exams with Scores of 3 or Higher	93%	100%	100%	100%	100%	100%	50%	100%	60%	100%	0%	100%	100%	100%	59%	84%	83%

More

Than the Numbers

Middle School Program Highlights

★ Climate Focus

- ✓ CREW - 20 minutes everyday
 - Restorative Circles at Tier 2
 - Crew Crew ERD focus
- ✓ WEB - Where Everyone Belongs - Connections
- ✓ Clubs and Activities - Builders Club, Student Counsel, Big Brother Big Sister, Etc.

★ Program implementation

- ✓ All 7th & 8th grade students receive a language (Spanish, French, Chinese) every day
 - 2 years = 1 HS language Credit
- ✓ Chromebooks assigned 1:1 in ALL grades
- ✓ Innovation Experience - Ms. Calarco retakes the lead.

Middle School Program Highlights

★ WHAT do we want students to KNOW?

- ✓ Continue the progress to get everyone speaking the same language in terms of curriculum that is being taught.
 - PLCs - Grade Level and vertical content.
 - Daily PC time during WINN
 - Monthly PC Meetings - 6-12
- ✓ Both horizontally and Vertically at EACH grade level.
- ✓ Common planning time by **grade *and* content area**.

★ HOW do we know they KNOW it?

- ✓ AIMSWeb Benchmark Assessments - Grades 6-8 - Fall, Winter, Spring
- ✓ Shift to eDoctrina - Common Quarter 1, MidTerm and Final - Correlation to the State Assessment Data

★ WHAT do we do when students don't KNOW it?

- After School Assistance Program (ASAP) - 3 days per week - Grade level specific
- Split by Grade level and assisted with HS tutors.

★ WHAT do we do when students do KNOW it?

- ✓ Two (2) sections of Earth Science (Buck)
- ✓ Three (3) sections of Regents Algebra 1 (Calarco)
- ✓ Five (5) students taking Geometry Honors at the HS
- ✓ Provide more opportunities for 8th graders to gain high school credit
 - 53 out of 153 take Algebra
 - 45 out of 153 take Earth Science
 - About 32% of 8th grade cohort are currently in a Regents Classes

High School Program Highlights

Program implementation:

- 9th grade ELA administering Reading Plus to ALL Freshman - will administer 2 more times this school year. Identify students with deficiencies and them remediation.
- SST and Green Teams: identify struggling student to get them help through Lancer Learning Center (LLC) and After School Assistance Program (ASAP).
- Common Summative Assessments at 10, 20, and 30 weeks - using the data/results to help know students understanding of standards.
- Homework Hall and Freshman Accountability Cards

High School Program Highlights

WHAT do we want students to KNOW?

- Courses update and review Curriculum Maps (identify Power/Super Standards).
- Peer Coordinators lead their department to have conversations about the 4 essential PLC questions.

HOW do we know they KNOW it?

- Common Summative Assessments at the 10, 20, 30, and 40 weeks (DataMate).
- Study data - To analyze current levels of achievement.
- Teachers share strategies to research best practices.

WHAT do we do when students don't KNOW it?

- Reteach, reteach, reteach.
- After School Assistant Program (ASAP) and Lancer Learning Center (LLC).
- Teachers scaffold their instruction to assist learners who are having difficulty.

WHAT do we do when students do KNOW it?

- AP and College Credit Courses.
- Teachers create enrichments within each lesson.

QUESTIONS

FEEDBACK