

New York State 2018.19 School Report Card



Cold Spring Harbor Central School District
Board of Education Meeting
Tuesday, October 15, 2019



NYS Next Generation LEARNING STANDARDS

Next Gen Roadmap & Implementation Timeline

September 2017: Adoption of NYS Next Generation Learning Standards by the Board of Regents

Phase 1: Raise Awareness (Spring 2019)

Phase 2: Build Capacity (Summer 2020)



Phase 3: Full Implementation (beginning September 2020)

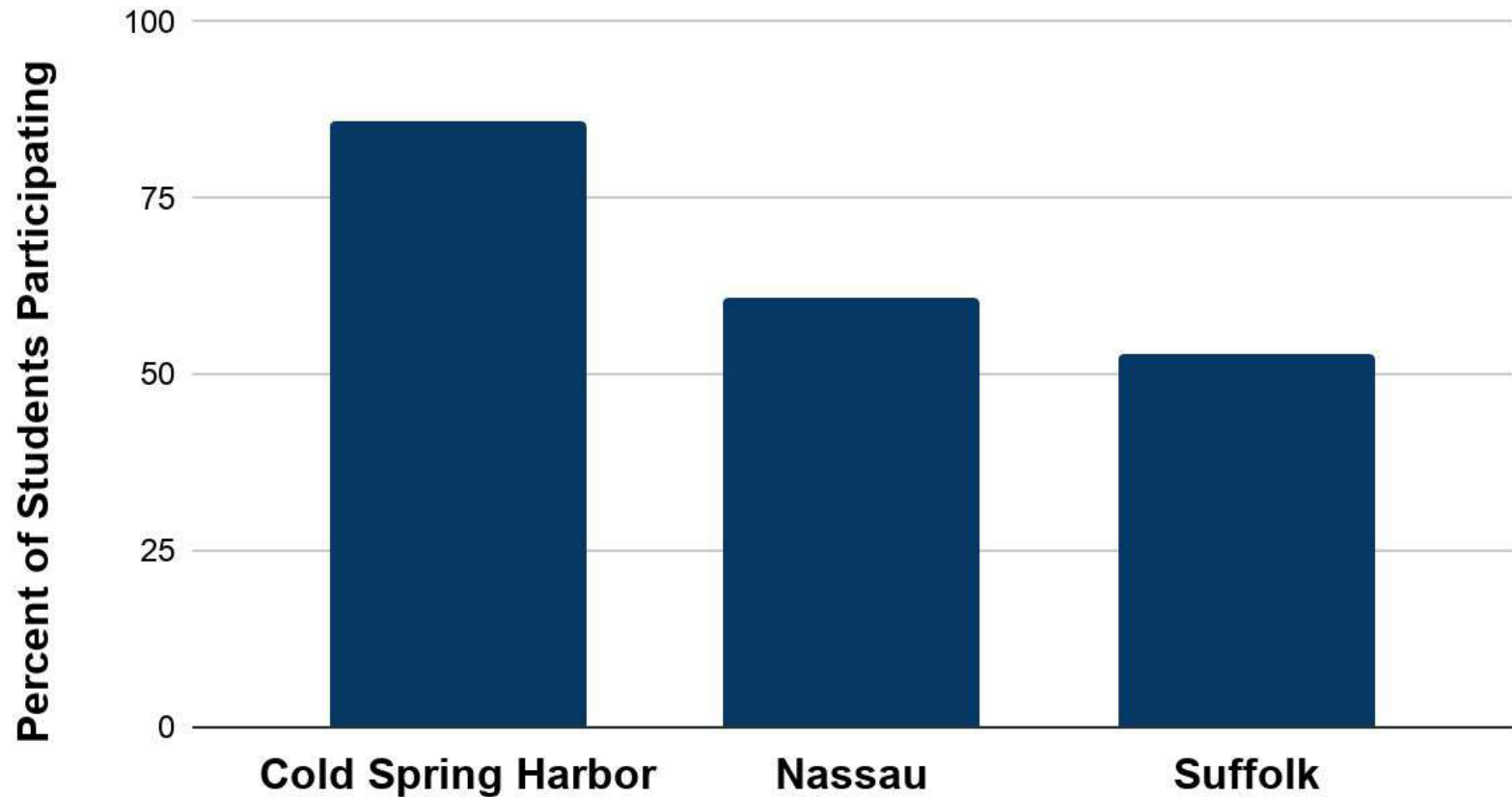
Spring 2021: New grade 3-8 tests measuring the NYS Next Generation Learning Standards

CSH Historical Proficiency Rates
NYS 3-8 ELA and Math Assessments

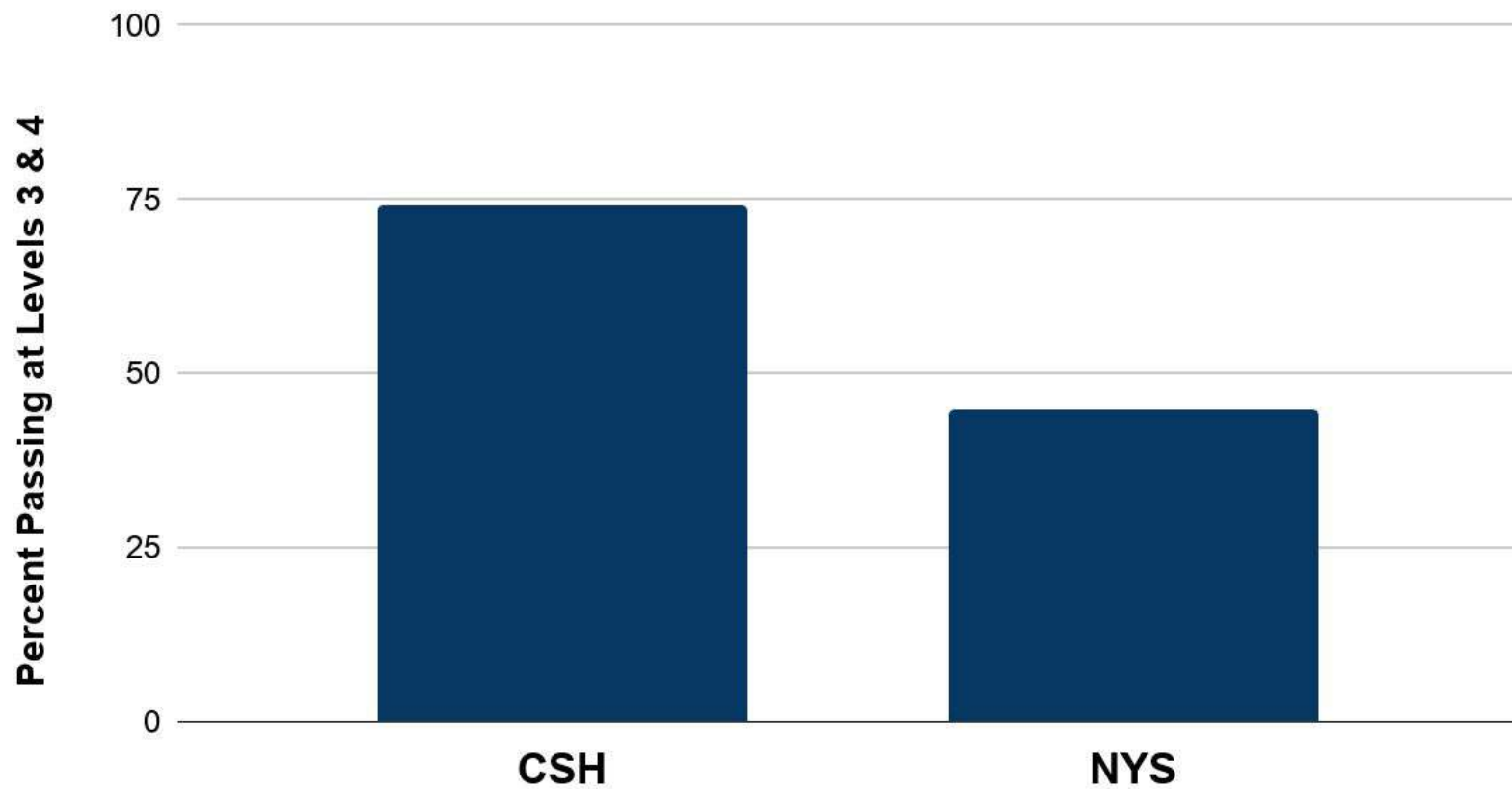
	NYS ELA Proficiency	NYS Math Proficiency
2016	63%	72%
2017	66%	74%
2018	71%	76%
2019	74%	82%

NYS ELA

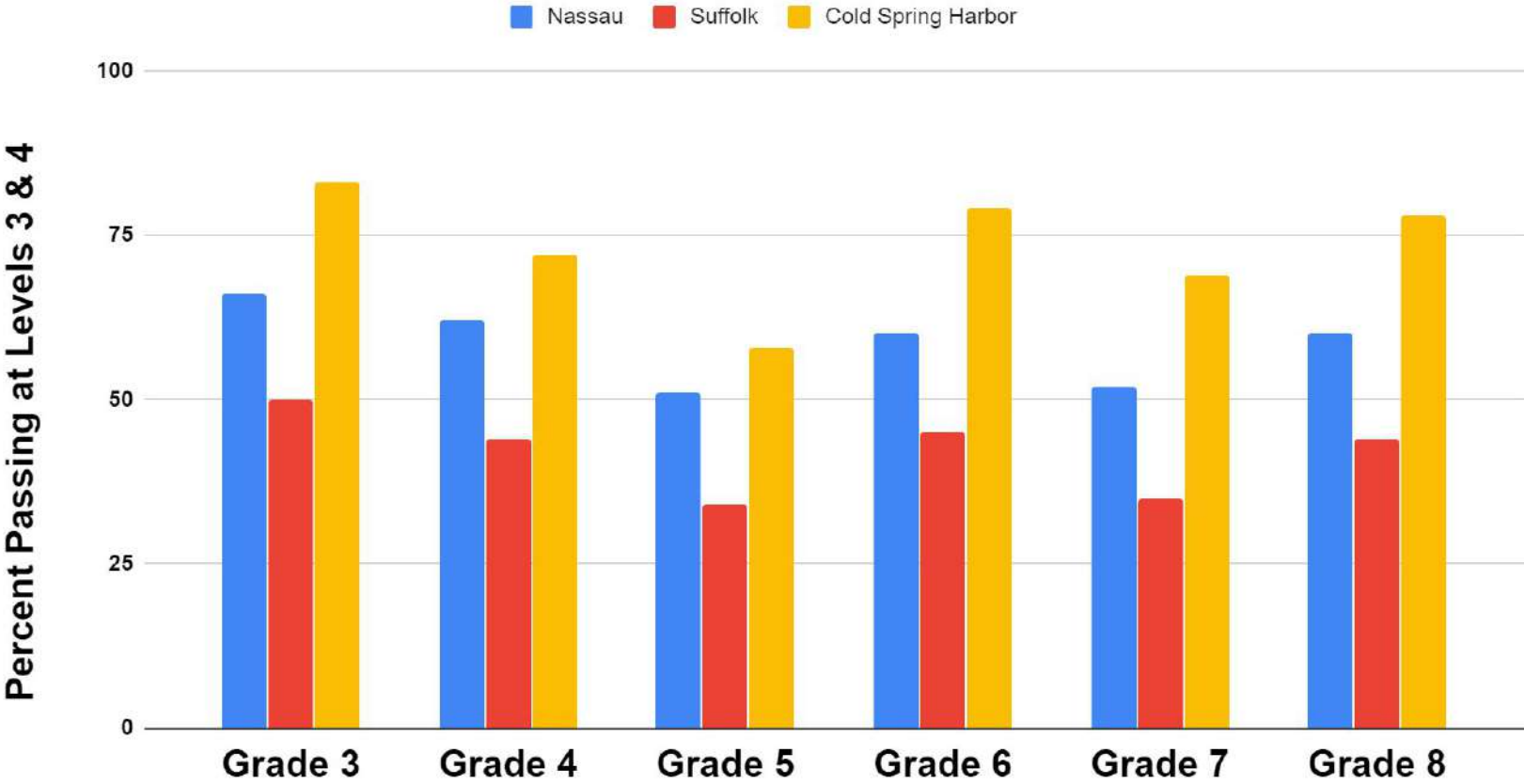
2019 NYS 3-8 ELA Participation Rates on Long Island



2019 NYS 3-8 ELA Proficiency Rates:



2019 Long Island Comparison of NYS Grades 3-8 ELA Assessments



ELA Data Trends for CSH Cohorts from 2016-2019

Cohort	2016	2017	2018	2019
3rd Grade (Class of 2028)	-	-	-	83%
4th Grade (Class of 2027)	-	-	78%	72%
5th Grade (Class of 2026)	-	75%	75%	58%
6th Grade (Class of 2024)	67%	68%	60%	79%
7th Grade (Class of 2024)	67%	58%	78%	69%
8th Grade (Class of 2023)	45%	59%	69%	78%

Understanding Movement by Level in ELA

	2017-18					2018-19			
	Level 1	Level 2	Level 3	Level 4		Level 1	Level 2	Level 3	Level 4
Grade 3	5%	18%	66%	12%	Grade 4	4%	23%	55%	17%
Grade 4	3%	22%	55%	20%	Grade 5	15%	26%	29%	30%
Grade 5	10%	30%	35%	25%	Grade 6	4%	17%	26%	53%
Grade 6	7%	15%	37%	41%	Grade 7	11%	19%	43%	27%
Grade 7	9%	21%	51%	18%	Grade 8	3%	19%	36%	42%

Unpacking the Data in ELA - Insights and Action

Insights

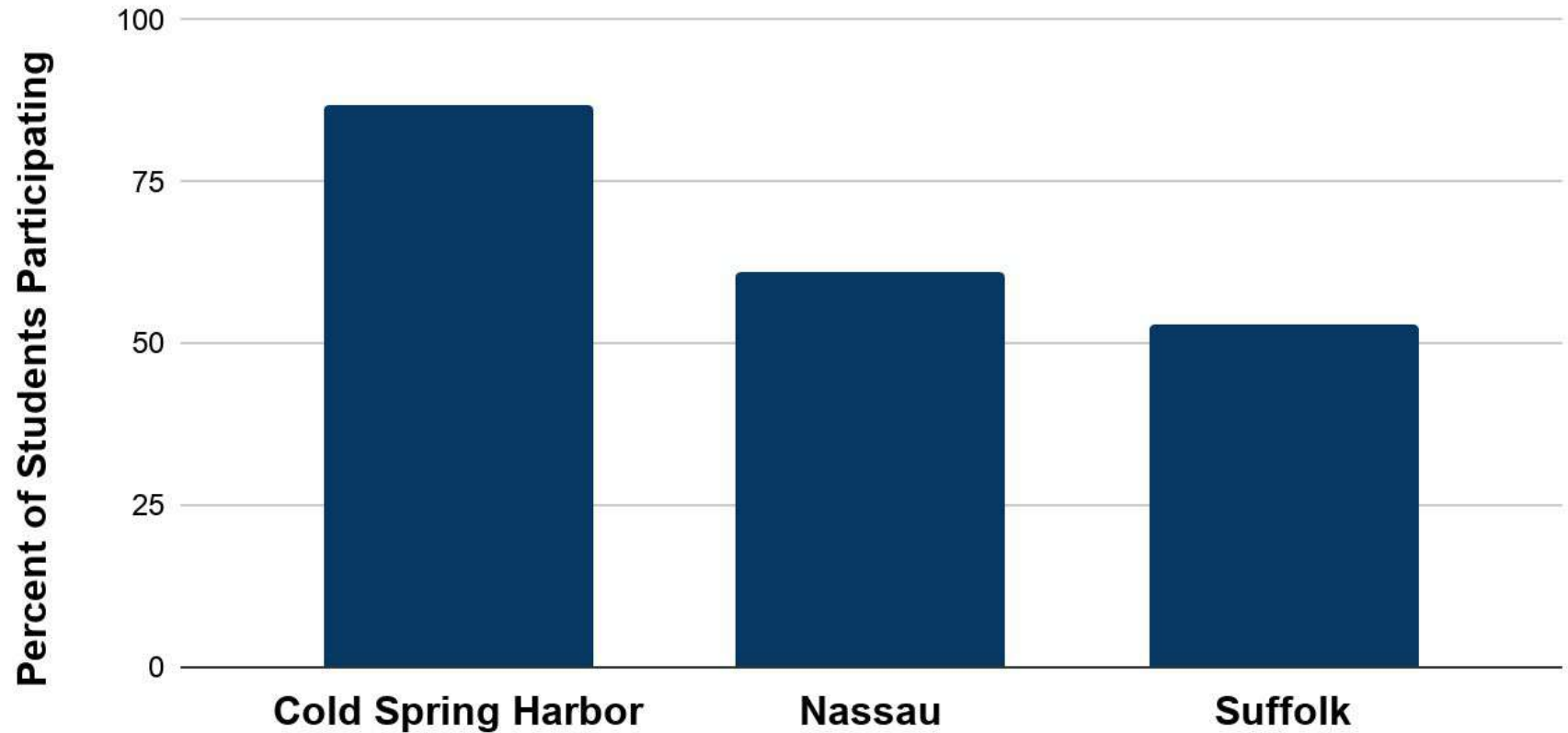
- Improvements noted in reading informational texts.
- Synthesizing information from multiple sources.
- Writing about our reading and explaining our thinking needs bolstering.

Action

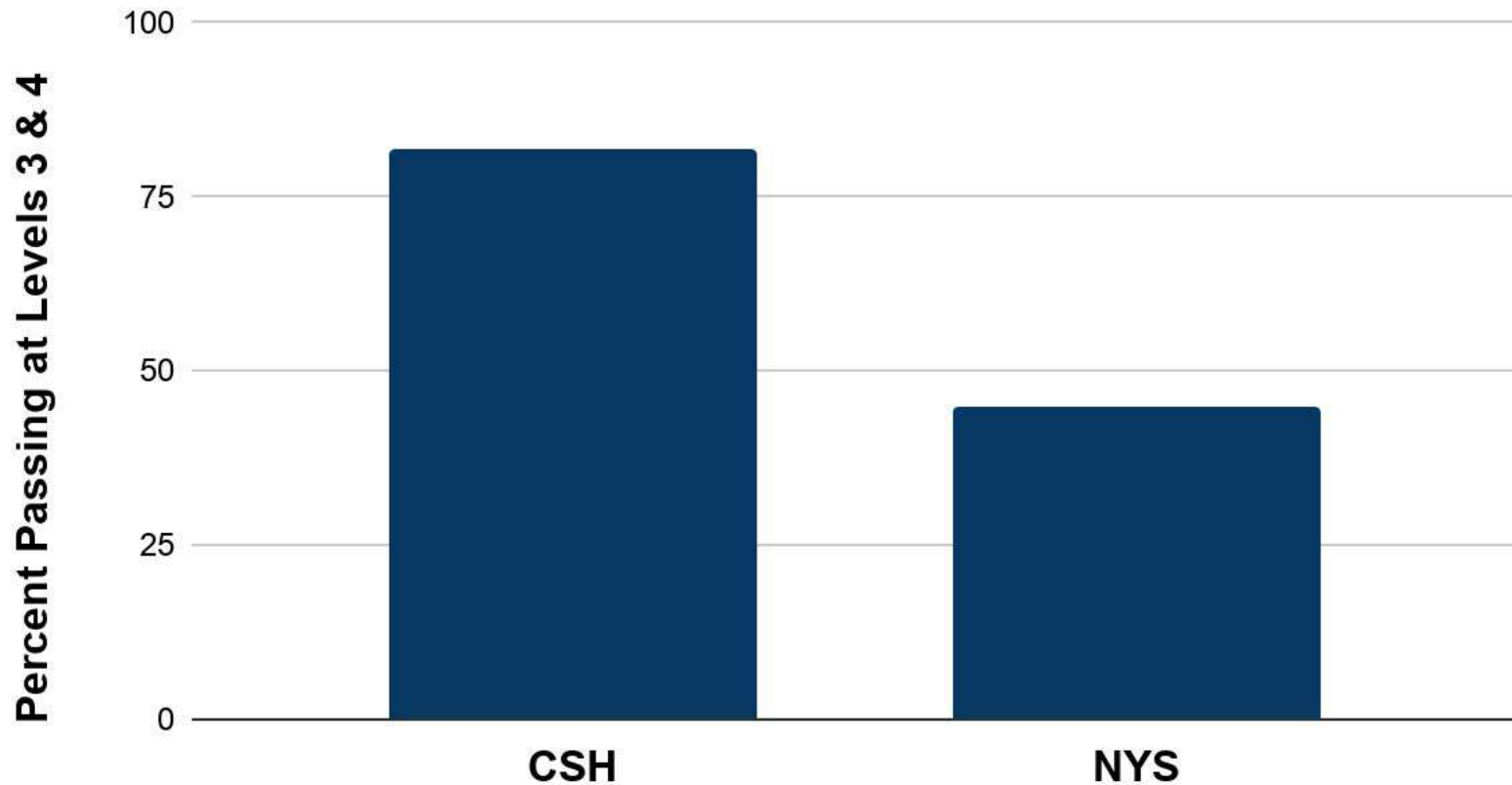
- Major focus, supported by leadership and staff developers to confer with students more meaningfully.
- Emphasis on writing about reading. Explain your thinking!
- Investing in teacher leadership
- Increased, sustained literacy block

NYS Math

2019 NYS 3-8 Math Participation Rates on Long Island

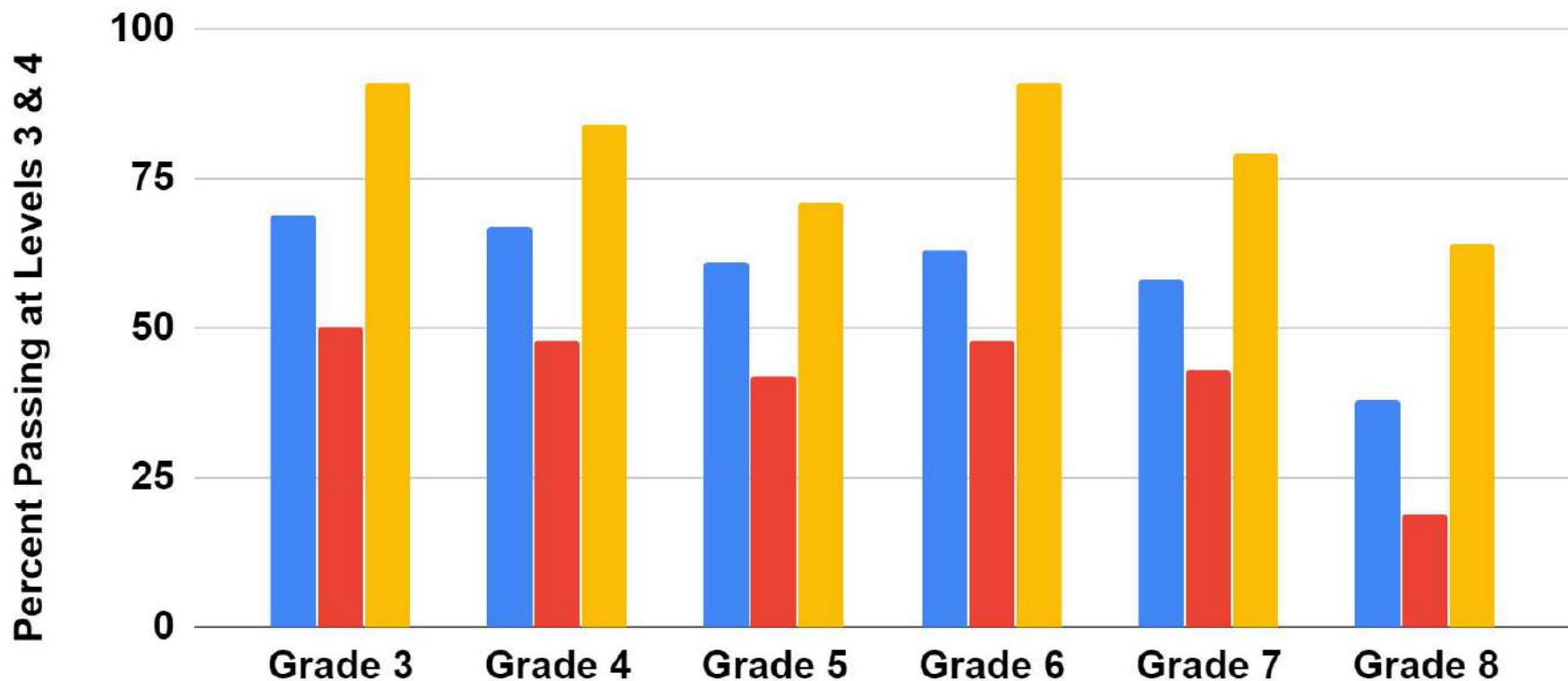


2019 NYS 3-8 Math Proficiency Rates:



2019 Long Island Comparison of NYS Grades 3-8 Math Assessments

Nassau Suffolk Cold Spring Harbor



Math Data Trends for CSH Cohorts

Cohort	2016	2017	2018	2019
3rd Grade (Class of 2028)	-	-	-	91%
4th Grade (Class of 2027)	-	-	87%	84%
5th Grade (Class of 2026)	-	77%	80%	71%
6th Grade (Class of 2025)	78%	79%	67%	91%
7th Grade (Class of 2024)	76%	75%	80%	79%
8th Grade (Class of 2023)	67%	81%	79%	64%*

Understanding Movement by Level in Math

	2017-18				2018-19				
	Level				Level				
	Level 1	Level 2	Level 3	Level 4		Level 1	Level 2	Level 3	Level 4
Grade 3	3%	10%	34%	53%	Grade 4	5%	12%	32%	52%
Grade 4	8%	13%	33%	47%	Grade 5	8%	21%	31%	40%
Grade 5	7%	25%	33%	35%	Grade 6	4%	5%	32%	59%
Grade 6	7%	13%	27%	53%	Grade 7	3%	18%	36%	43%
Grade 7	4%	17%	34%	44%	Grade 8*	17 %	19%	42%	22%

Unpacking the Data in Math - Insights and Action

Insights

- Constructed response questions
- Learning Gaps
- Visual Models
- Next Generation Standards

Actions

- Focus on literacy
- Provide increased opportunities for students to express mathematics in written and verbal form.
- Alignment of instructional materials
- Implementation of common manipulatives
- Articulation between grade levels
- Extensive professional development in-house and outside PD

NYS Science

Grade 4 NYS Science Assessment

	Level 1	Level 2	Level 3	Level 4	Percent Proficient
2016	0%	4%	20%	76%	96%
2017	0%	3%	17%	80%	97%
2018	0%	3%	16%	81%	97%
2019 n=113	0%	2%	22%	76%	98%

CSHHS Graduation Rate = 99%

#1 in Suffolk County



#7 on Long Island

#44 in NYS

#420 in the US

Regents Diploma with Advanced Designation = 88%

NYS Regents

Regents Results - English

	2016-17	2017-18	2018-19
Common Core ELA	98% Proficiency 85% Mastery	98% Proficiency 86% Mastery	99% Proficiency 89% Mastery

Regents Results - Social Studies

	2016-17	2017-18	2018-19
Global Studies	98% Proficiency 73% Mastery		
Transitional Global Studies		97% Proficiency 80% Mastery	98% Proficiency 65% Mastery
U.S. History & Government	99% Proficiency 84% Mastery	98% Proficiency 85% Mastery	99% Proficiency 79% Mastery

Regents Results - Mathematics

	2016-17	2017-18	2018-19
Algebra I	100% Proficiency 60% Mastery	99% Proficiency 73% Mastery n=154	99% Proficiency 54% Mastery n=140
Geometry	94% Proficiency 31% Mastery	99% Proficiency 46% Mastery	95% Proficiency 56% Mastery
Algebra II	93% Proficiency 32% Mastery	97% Proficiency 51% Mastery n=175	97% Proficiency 54% Mastery n=145

Regents Results - Science

	2016-17	2017-18	2018-19
Living Environment	97% Proficiency 66% Mastery	99% Proficiency 76% Mastery	99% Proficiency 60% Mastery
Earth Science	97% Proficiency 86% Mastery	97% Proficiency 78% Mastery	95% Proficiency 73% Mastery
Chemistry	99% Proficiency 50% Mastery	95% Proficiency 39% Mastery	98% Proficiency 52% Mastery
Physics	88% Proficiency 23% Mastery	93% Proficiency 33% Mastery	93% Proficiency 23 %Mastery

World Language - FLACS Exam

	2016-17	2017-18	2018-19
French A (8th)	98% Passing 55% Mastery	100% Passing 83% Mastery	100% Passing 75% Mastery
French B (10th)	100% Passing 70% Mastery	100% Passing 66% Mastery	100% Passing 59% Mastery
Spanish A (8th)	100% Passing 78% Mastery	100% Passing 87% Mastery	99% Passing 83% Mastery
Spanish B (10th)	99% Passing 77% Mastery	100% Passing 69% Mastery	96% Passing 62% Mastery

AP Results

399 students took 1005 AP exams

Percentage of Students Scoring 3 or Higher on AP Exams

	2017	2018	2019
Cold Spring Harbor	66%	71%	65%
New York State	64%	64%	N/A
Global	60%	61%	N/A

AP Fine Arts - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Art History	25%	21%	9%
n=	16	14	11
Studio Art	89%	90%	90%
n=	9	10	10
Music Theory	50%	75%	80%
n=	6	8	5

AP World Languages - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
French	46%	67%	53%
n=	15	6	21
Spanish	54%	35%	53%
n=	35	45	45

AP English - Students Scoring 3 or Higher

	2016-17	2017-18	2018- 19
English Language & Composition	88%	92%	91%
n=	58	73	53
English Literature	79%	67%	73%
n=	52	30	52

AP Social Studies - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Economics-Macro	41%	37%	46%
n=	121	113	106
Government & Politics	57%	39%	62%
n=	30	28	42
US History	84%	89%	77%
n=	41	44	53

AP Social Studies - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
European History	58%	57%	37%
n=	39	42	35
World History	92%	96%	86%
n=	39	28	43

AP Social Studies - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Human Geography	39%	47%	43%
n=	96	69	63
Psychology	84%	82%	67%
n=	13	38	18

AP Mathematics - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Calculus AB	63%	50%	46%
n=	49	56	71
Calculus BC	100%	87%	100%
n=	19	23	21
Calculus BC -AB subscore	100%	96%	100%
n=	30	23	21

AP Mathematics - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Statistics	59%	94%	64%
n=	46	36	31
Computer Science Principles	93%	97%	94%
n=	29	34	36
Computer Science A	89%	85%	80%
n=	28	26	21

AP Science - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Biology	70%	44%	55%
n=	37	62	63
Chemistry	31%	61%	85%
n=	13	18	32
Environmental Science	50%	51%	43%
n=	26	53	48

AP Science - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Physics 1	40%	63%	66%
n=	50	52	56
Physics 2	35%	42%	57%
n=	20	12	16

AP Science - Students Scoring 3 or Higher

	2016-17	2017-18	2018-19
Physics CE	69%	82%	60%
n=	13	11	15
Physics CM	85%	82%	100%
n=	13	11	15