

New York State 2017.18 School Report Card



Cold Spring Harbor Central School District
Board of Education Meeting
Tuesday, October 9, 2018

ESSA

Every Student Succeeds Act

New York State will use multiple measures of success to identify schools, beginning with the 2017.18 school year results

Student Academic Achievement	All schools - achievement in NYS ELA, math and science High Schools - achievement in social studies
Student Growth	Growth compared to students with similar scores in grades 4-8 ELA and math
Academic Progress	All schools - measures student progress on NYS ELA and math against long-term goals and measures of interim progress (MIPs)
Graduation Rates	High schools - measures 4, 5, and 6-year cohort graduation rates against long-term goals and MIPs
ELL Proficiency	All schools - measure the progress of ELL in meeting individual progress targets on NYSESLAT
Chronic Absenteeism	All schools - percentage of students who miss 10% or more of the school year against long-term goals and MIPs
College, Career and Civic Readiness	High schools - percentage of students leaving prepared: diplomas, credentials, advanced course credits and enrollment, career and technical ed certs, etc.

NextGen 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)

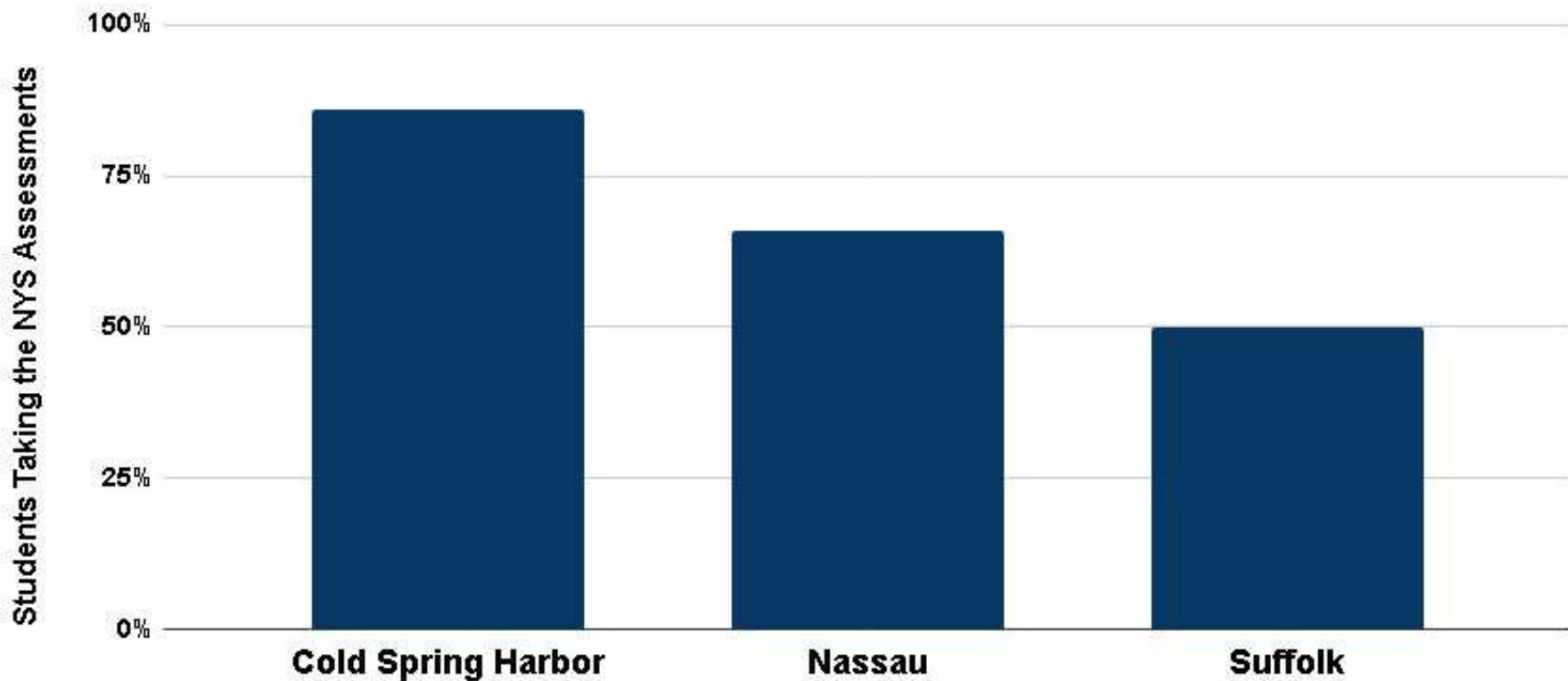
Spring 2021: New grade 3-8 tests measuring the NYS Next Generation Learning Standards

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

	NYS ELA Proficiency	NYS Math Proficiency
2015	55%	67%
2016	63%	72%
2017	66%	74%
2018	71%	76%

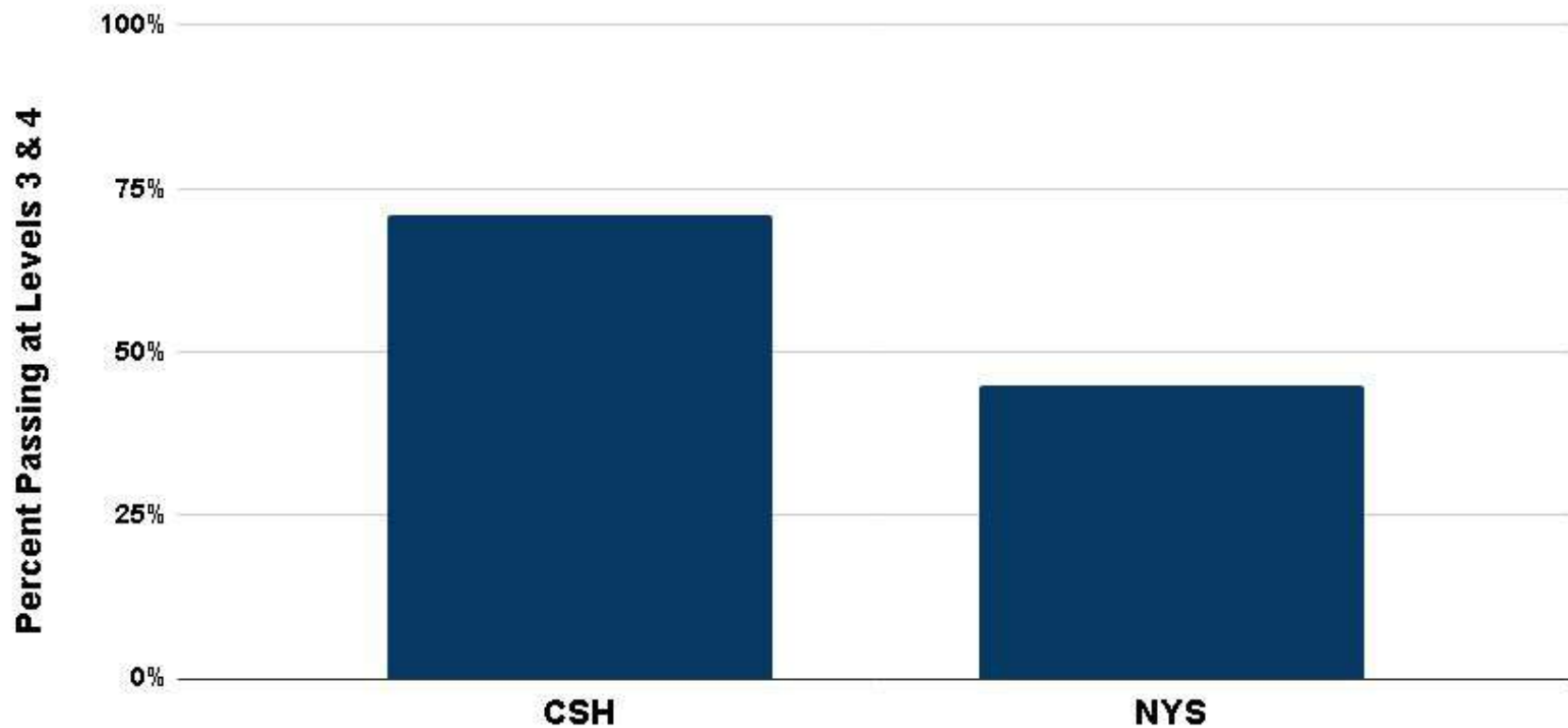
NYS ELA

2018 NYS 3-8 ELA Participation Rate on Long Island

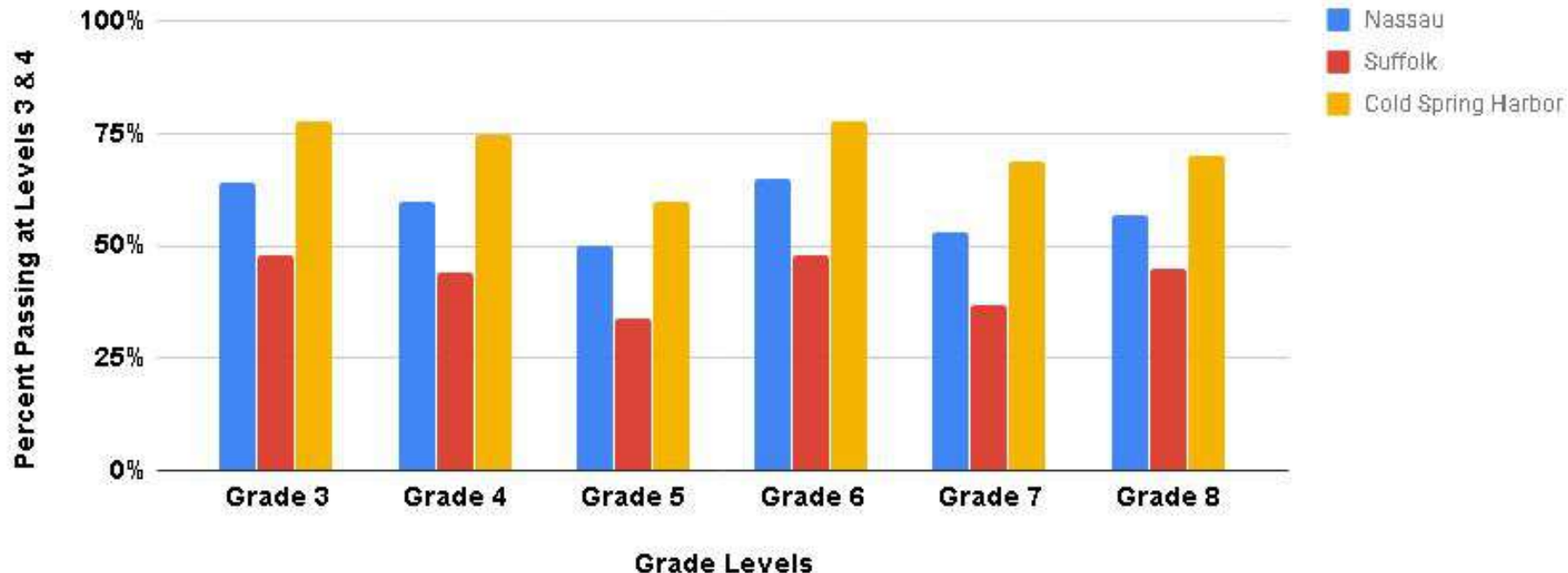


2018 NYS 3-8 ELA Proficiency Rates

Cold Spring Harbor and New York



2018 Long Island Comparison of Grades 3-8 ELA Assessments



ELA Data Trends for CSH Cohorts from 2015-2018

Cohort	2015	2016	2017	2018
3rd Grade (Class of 2027)	-	-	-	78%
4th Grade (Class of 2026)	-	-	75%	75%
5th Grade (Class of 2025)	-	67%	68%	60%
6th Grade (Class of 2024)	44%	67%	58%	78%
7th Grade (Class of 2023)	57%	45%	59%	69%
8th Grade (Class of 2022)	52%	65%	69%	71%

Moving into the 3-4 Range in ELA

	2016-17					2017-18			
	Level 1	Level 2	Level 3	Level 4		Level 1	Level 2	Level 3	Level 4
Grade 3	7%	17%	66%	9%	Grade 4	3%	22%	55%	20%
Grade 4	6%	26%	39%	27%	Grade 5	10%	30%	35%	25%
Grade 5	6%	35%	38%	20%	Grade 6	7%	15%	37%	41%
Grade 6	6%	35%	23%	35%	Grade 7	9%	21%	51%	18%
Grade 7	5%	26%	40%	29%	Grade 8	6%	24%	34%	36%

Unpacking the Data in ELA - Insights and Action

Insights

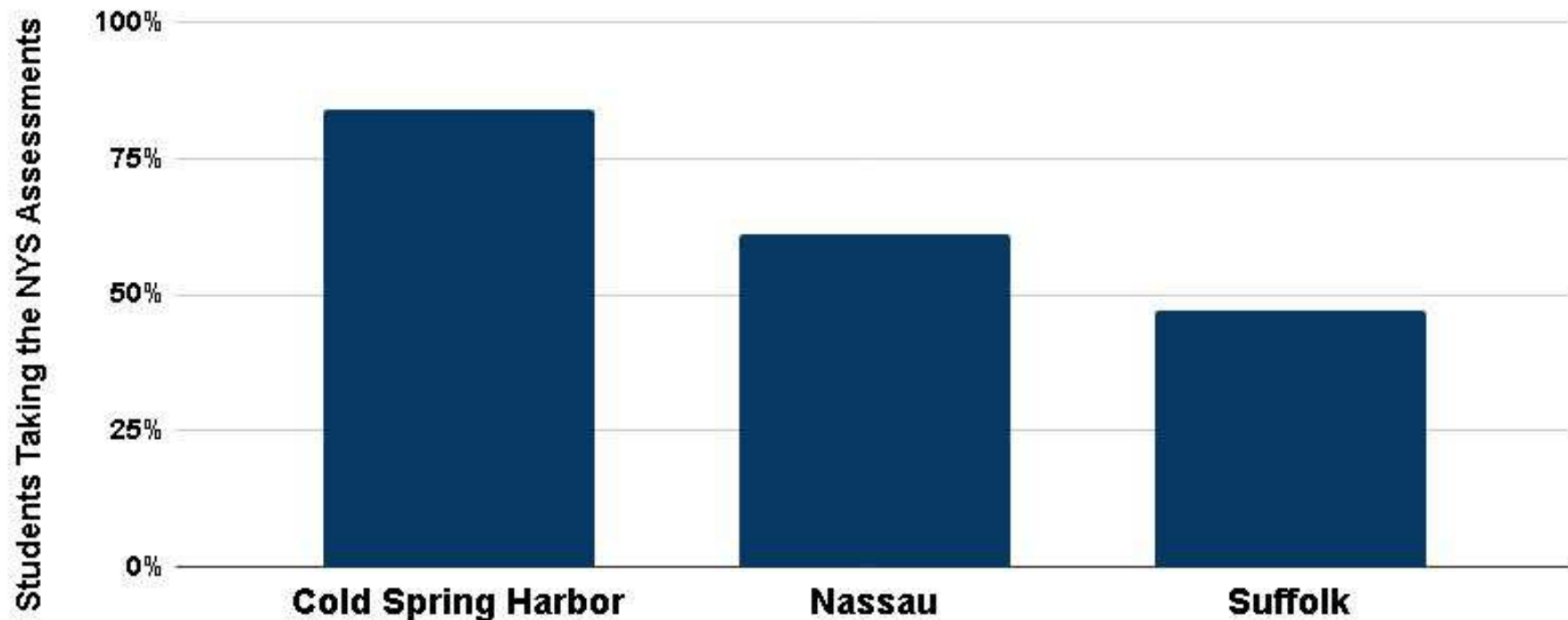
- Informational texts and using sufficient evidence to support claims
- Reading stamina & multi- step questions
- Partial credit on constructed response questions

Action

- Bolstering informational units of study in reading & writing
- Valuing independent reading time, providing choice, setting reading goals
- Aligning approach to answering constructed response questions

NYS Math

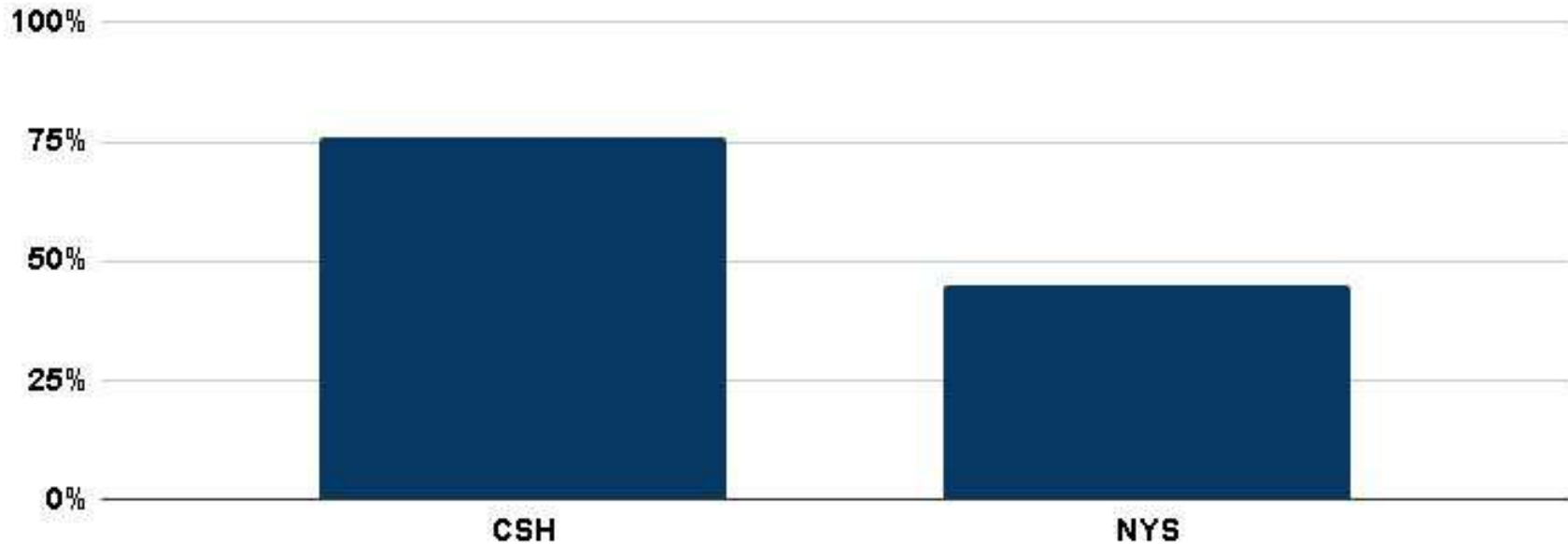
2018 NYS 3-8 Math Participation Rates on Long Island



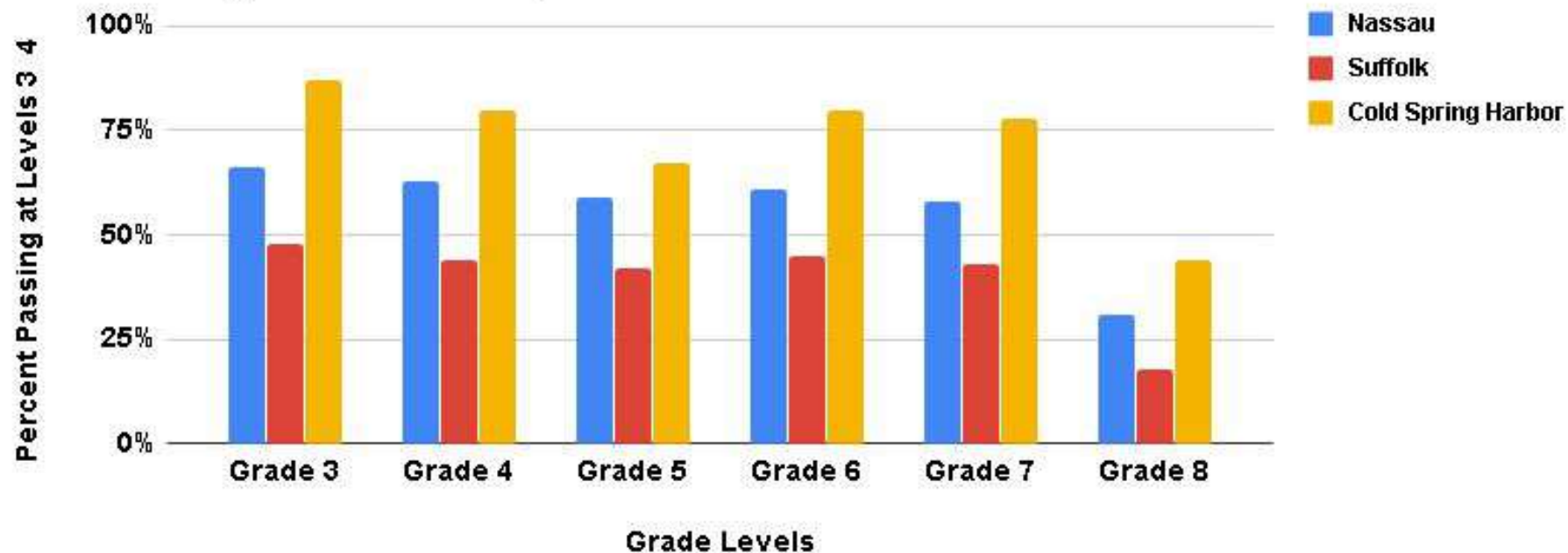
2018 NYS 3-8 Math Proficiency Rates

Cold Spring Harbor and New York

Percent Passing at Levels 3 & 4



2018 Long Island Comparison of 3-8 Math Assessments



Math Data Trends for CSH Cohorts

Cohort	2015	2016	2017	2018
3rd Grade (Class of 2027)	-	-	-	87%
4th Grade (Class of 2026)	-	-	77%	80%
5th Grade (Class of 2025)	-	78%	79%	67%
6th Grade (Class of 2024)	63%	76%	75%	80%
7th Grade (Class of 2023)	74%	67%	81%	79%
8th Grade (Class of 2022)	65%	84%	79%	44%

Moving into the 3-4 Range in Math

	2016-17					2017-18			
	Level 1	Level 2	Level 3	Level 4		Level 1	Level 2	Level 3	Level 4
Grade 3	6%	17%	32%	45%	Grade 4	8%	13%	33%	47%
Grade 4	5%	16%	34%	45%	Grade 5	7%	25%	33%	35%
Grade 5	11%	14%	47%	28%	Grade 6	7%	13%	27%	53%
Grade 6	3%	16%	22%	59%	Grade 7	4%	17%	34%	44%
Grade 7	9%	12%	49%	30%	Grade 8	20%	37%	41%	2%

Unpacking the Data in Math - Insights and Action

Insights

- Testing stamina - constructed response questions at the end of the exam
- Multi-Step questions and partial credit
- Visual Models - creating models of math concepts (i.e. fractions)
- Metacognition - explaining the process students are taking to complete their work.

Actions

- Opportunities for structured review of the data, the questions, and the anchor answer papers.
- Continued alignment of instructional materials with released questions from NYS.
- Leveraging technology to allow students the opportunity to explain their thinking (i.e. Flipgrid)

NYS Science

Grade 4 NYS Science Assessment

	Level 1	Level 2	Level 3	Level 4	Percent Proficient
2015	0%	2%	23%	75%	98%
2016	0%	4%	20%	76%	96%
2017	0%	3%	17%	80%	97%
2018	0%	3%	16%	81%	97%

CSHHS Graduation Rate = 99%

#1 in Suffolk County



#2 on Long Island

#21 in NYS

#143 in the US

Regents Diploma with Advanced Designation =
85%

NYS Regents

Regents Results - English

	2015-16	2016-17	2017-18
Common Core ELA	100% Proficient 88% Mastery	98% Proficient 85% Mastery	98% Proficient 86% Mastery

Regents Results - Social Studies

	2015-16	2016-17	2017-18
Global Studies	98% Proficient 69% Mastery	98% Proficient 73% Mastery	
Transitional Global Studies			97% Proficient 80% Mastery
U.S. History & Government	99% Proficient 87% Mastery	99% Proficient 84% Mastery	98% Proficient 85% Mastery

Regents Results - Mathematics

	2015-16	2016-17	2017-18
Algebra	99% Proficient 59% Mastery	100% Proficient 60% Mastery	99% Proficient 73% Mastery
Geometry	92% Proficient 33% Mastery	94% Proficient 31% Mastery	99% Proficient 46% Mastery
Algebra II	86% Proficient 1% Mastery	93% Proficient 32% Mastery	97% Proficient 51% Mastery

Regents Results - Science

	2015-16	2016-17	2017-18
Living Environment	99% Proficiency 66% Mastery	97% Proficiency 66% Mastery	99% Proficiency 76% Mastery
Earth Science	97% Proficiency 77% Mastery	97% Proficiency 86% Mastery	97% Proficiency 78% Mastery
Chemistry	98% Proficiency 43% Mastery	99% Proficiency 50% Mastery	95% Proficiency 39% Mastery
Physics	85% Proficiency 15% Mastery	88% Proficiency 23% Mastery	93% Proficiency 33% Mastery

World Language - FLACS Exam

	2015-16	2016-17	2017-18
French A	98% Passing 88% Mastery	98% Passing 55% Mastery	100% Passing 83% Mastery
French B	100% Passing 67% Mastery	100% Passing 70% Mastery	100% Passing 66% Mastery
Spanish A	99% Passing 79% Mastery	100% Passing 78% Mastery	100% Passing 87% Mastery
Spanish B	99% Passing 67% Mastery	99% Passing 77% Mastery	100% Passing 69% Mastery

AP Results

404 students took 942 AP exams

Percentage of Students Scoring 3 or Higher on AP Exams

	2016	2017	2018
Cold Spring Harbor	69%	66%	71%
New York State	65%	64%	64%
Global	60%	60%	61%

AP Fine Arts - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Art History	53%	25%	21%
n=	17	16	14
Studio Art	92%	89%	90%
n=	12	9	10
Music Theory	-	50%	75%
n=	-	6	8

AP World Languages - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
French	33%	47%	67%
n=	15	15	6
Spanish	38%	54%	36%
n=	37	35	45

AP English - Students Scoring 3 or Higher

	2015-16	2016-17	2017- 18
English Language & Composition	88%	88%	92%
n=	58	58	73
English Literature	68%	79%	67%
n=	72	52	30

AP Social Studies- Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Economics-Macro	59%	41%	37%
n=	110	121	113
Government & Politics	56%	57%	39%
n=	32	30	28
US History	78%	84%	89%
n=	51	41	44

AP Social Studies - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
European History	39%	58%	57%
n=	40	39	42
World History	81%	92%	96%
n=	35	39	28

AP Social Studies - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Human Geography	38%	39%	47%
n=	86	96	69
Psychology	81%	84%	82%
n=	30	13	38

AP Mathematics - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Calculus AB	57%	63%	50%
n=	51	49	56
Calculus BC	100%	100%	87%
n=	20	19	23
Calculus BC -AB subscore	100%	100%	96%
n=	20	30	23

AP Mathematics - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Statistics	62%	59%	94%
n=	50	46	36
Computer Science Principles	N/A	93%	97%
n=	N/A	29	34
Computer Science A	81%	89%	85%
n=	21	28	26

AP Science - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Biology	56%	70%	44%
n=	31	37	62
Chemistry	56%	31%	61%
n=	27	13	18
Environmental Science	38%	50%	51%
n=	29	26	53

AP Science - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Physics 1	66%	40%	63%
n=	35	50	52
Physics 2	75%	35%	42%
n=	8	20	12

AP Science - Students Scoring 3 or Higher

	2015-16	2016-17	2017-18
Physics CE	93%	69%	82%
n=	14	13	11
Physics CM	100%	85%	82%
n=	14	13	11

“Not everything that counts can be counted, and not everything that can be counted counts.”

- Albert Einstein