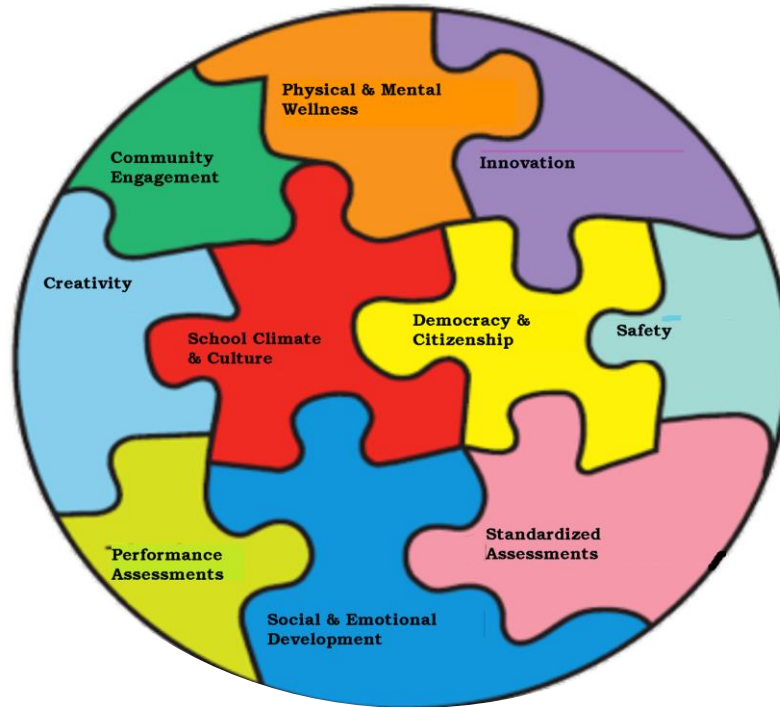




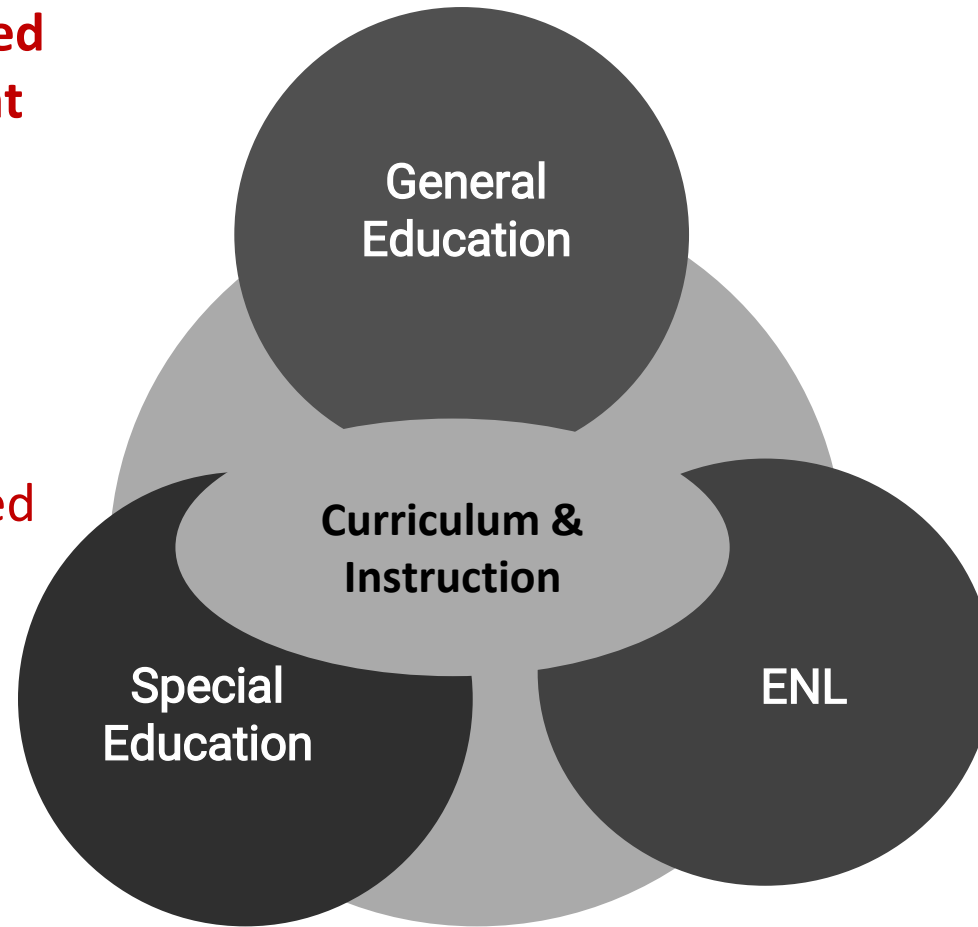
Sachem Central School



2018-2019 Assessment Data
September 18, 2019

Curriculum and Instruction ~Our Beliefs~

- Mastery vs. Coverage
- Teachers should have autonomy to teach their curriculum at a pace **based on the needs of the students in front of them.**
- Use data to make these instructional choices
“Sachem Norms”
- District-created curriculum vs. canned programs
- Collaboration is key
- Students unpack own learning
- Equal Access
- Students can show you what they know in many ways



Sample of Data Points We Use

- State Data
 - Regents
 - 3-8 ELA, Math & Science
 - NYSESLAT
 - Graduation Rate
- District Data
 - Finals
 - Midterms
 - Benchmarks (ELA/Math)
 - Anecdotal Notes
 - Unit Tests/Quizzes
- One measure that informs overall how a district, building or student progressed
- Informs the daily instruction to tailor to student needs

Grades 5/6 & 8/9 Transition & Data Team Meetings...



QUICK GUIDE TO NEW GRADE 6 STUDENT-AT-A-GLANCE DATA

Data Teams: Literacy and Math Dashboards Inform Instruction!

School: Sagamore Middle School

8/7/2018

Grade	Year	Teacher	School
K	2012 - 2013	MacMillan	Lynwood Elementary School
1	2013 - 2014	O'Connor	Lynwood Elementary School
2	2014 - 2015	Bleck	Lynwood Elementary School
3	2015 - 2016	Moscatiello	Lynwood Elementary School
4	2016 - 2017	Haines	Lynwood Elementary School
5	2017 - 2018	Trimboli	Lynwood Elementary School

Literacy Benchmarks		
Grade	Date	Score
1	10/31/2013	C
1	2/28/2014	G
1	5/31/2014	H
2	10/31/2014	H
2	2/28/2015	K
2	5/31/2015	L
3	10/31/2015	N
3	2/28/2016	O
3	5/31/2016	P
4	10/31/2016	P
4	2/28/2017	Q
4	5/31/2017	S
5	10/31/2017	S
5	2/28/2018	T

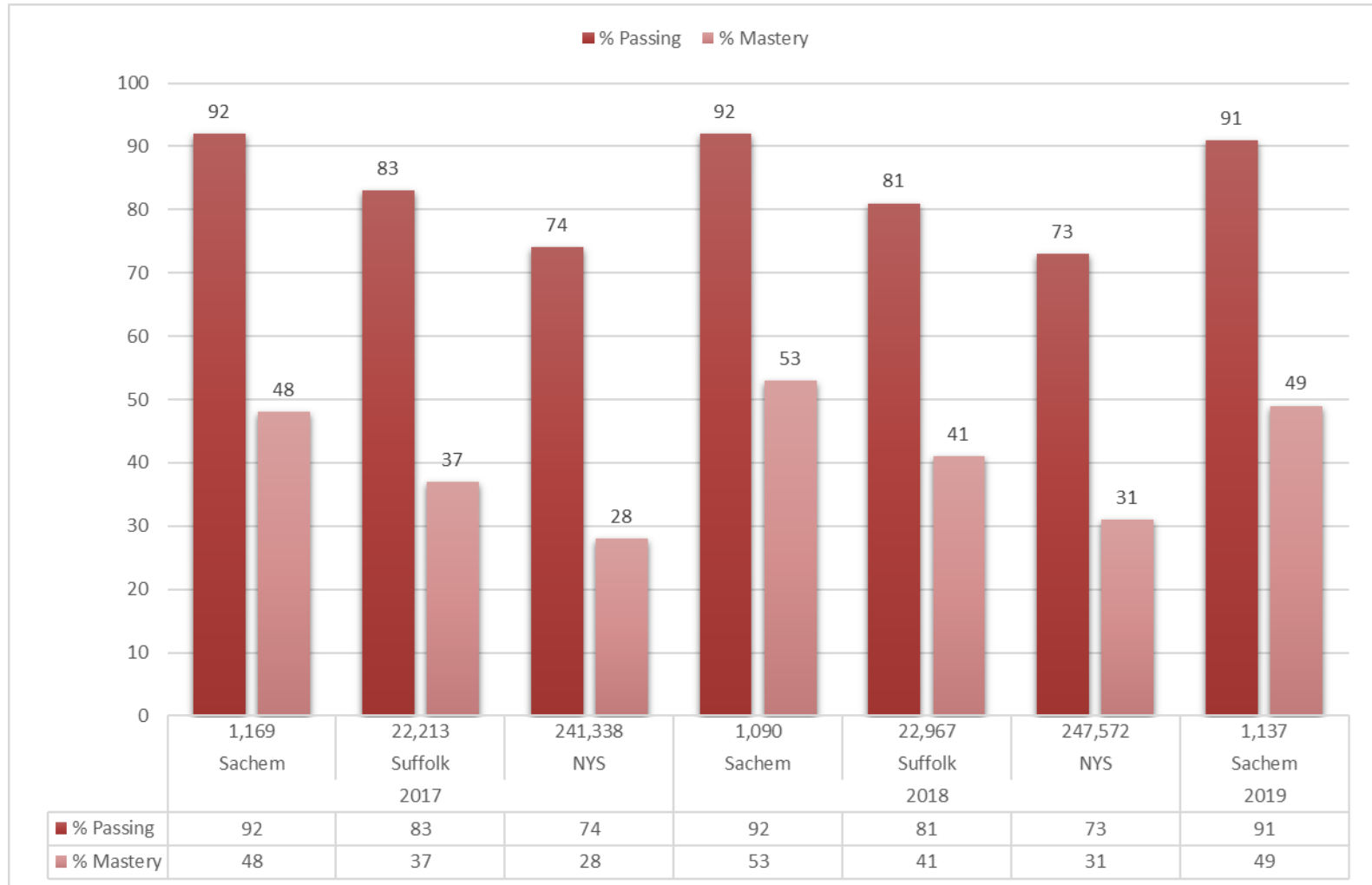
Mathematics Benchmarks		
Grade	Date	Score
5	9/1/2017	67
5	2/1/2018	F 84
5	6/30/2018	F 70

New York State Assessments		
Test	Level	Score
Grade 3 ELA	3	333
Grade 3 Math	2	298
Grade 4 ELA	2	311
Grade 4 Math	2	304
Grade 4 Sci: Scale	4	

Sachem 2019 Regents Results



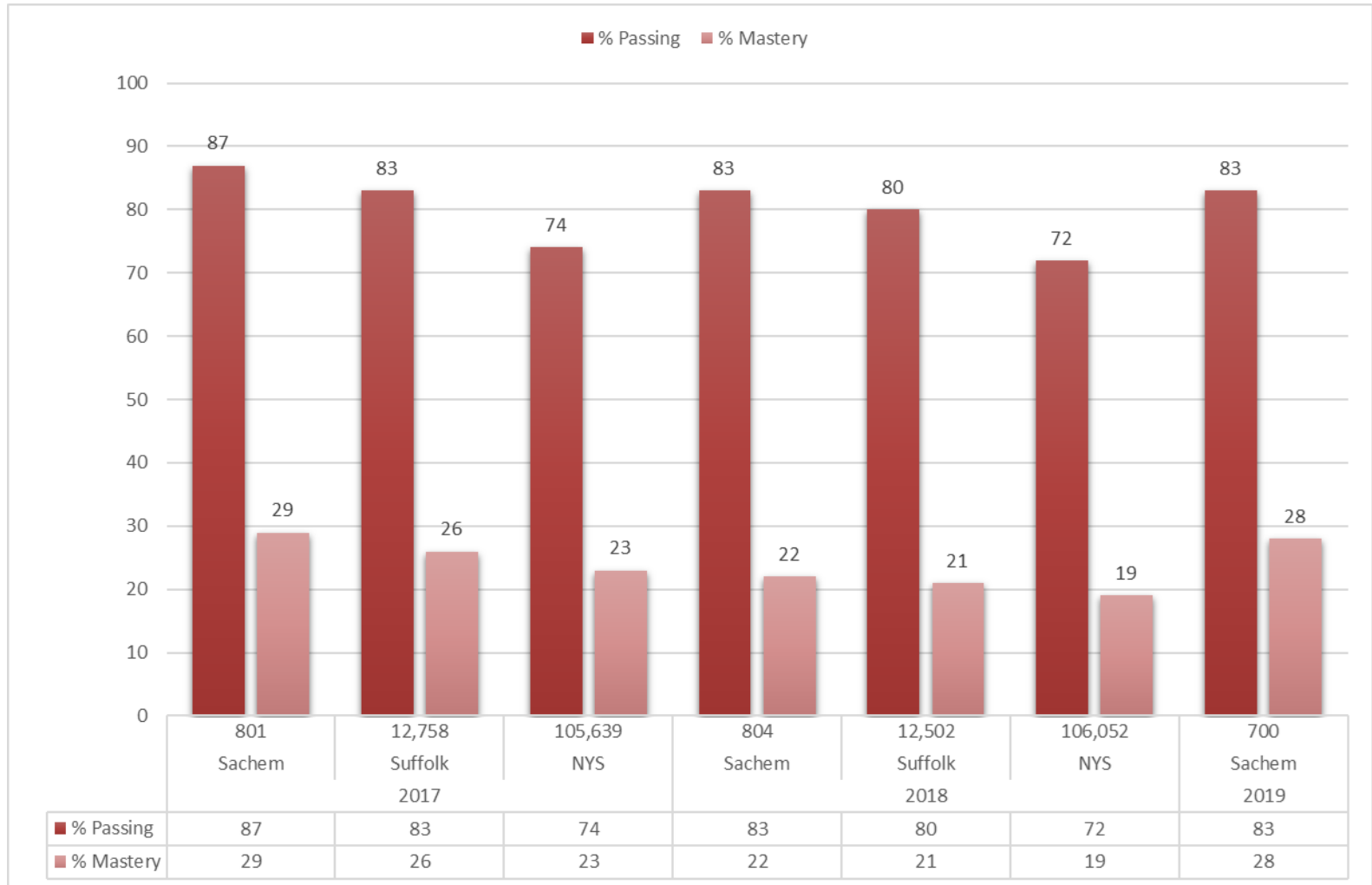
Living Environment Regents



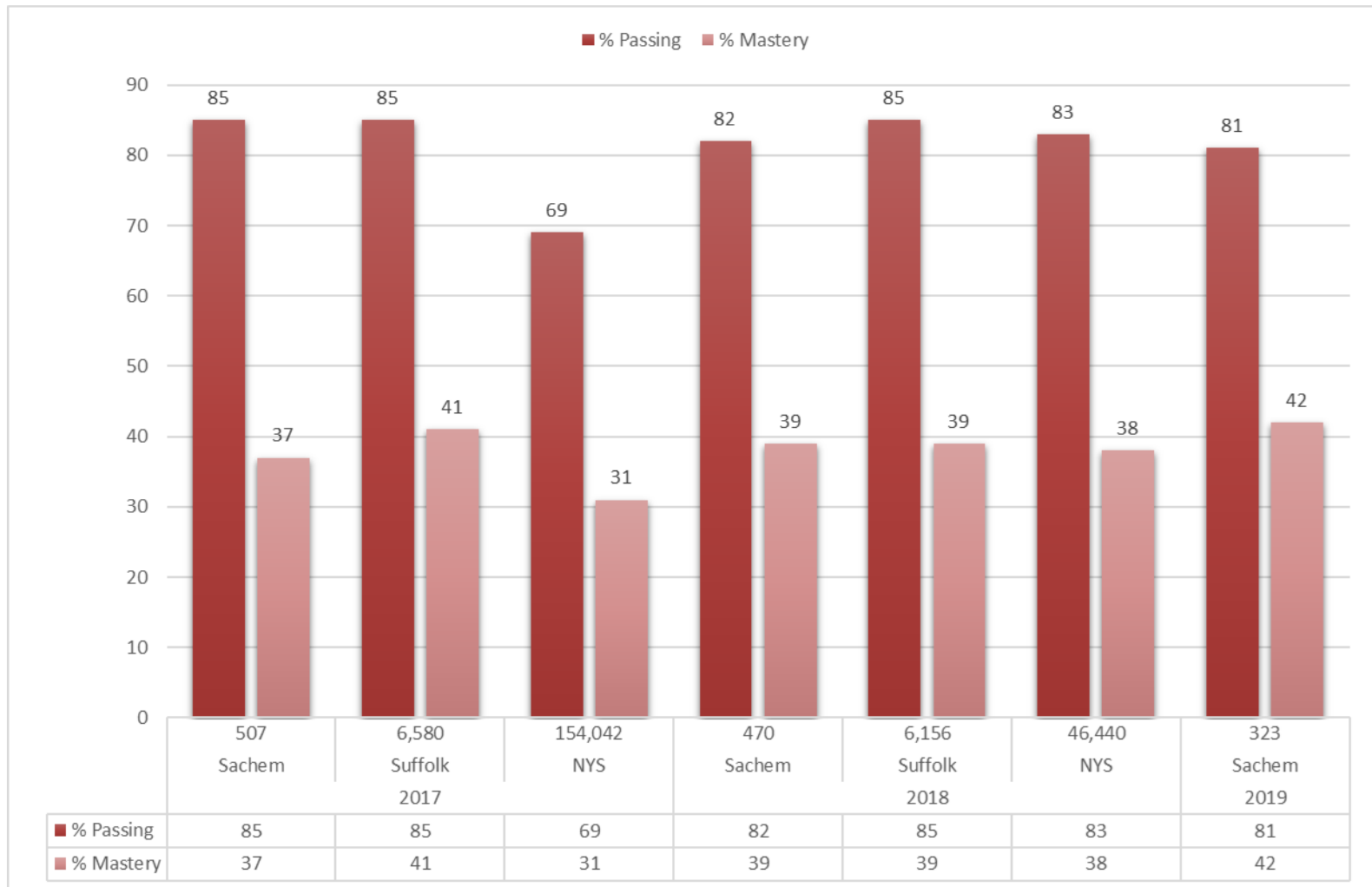
Earth Science Regents



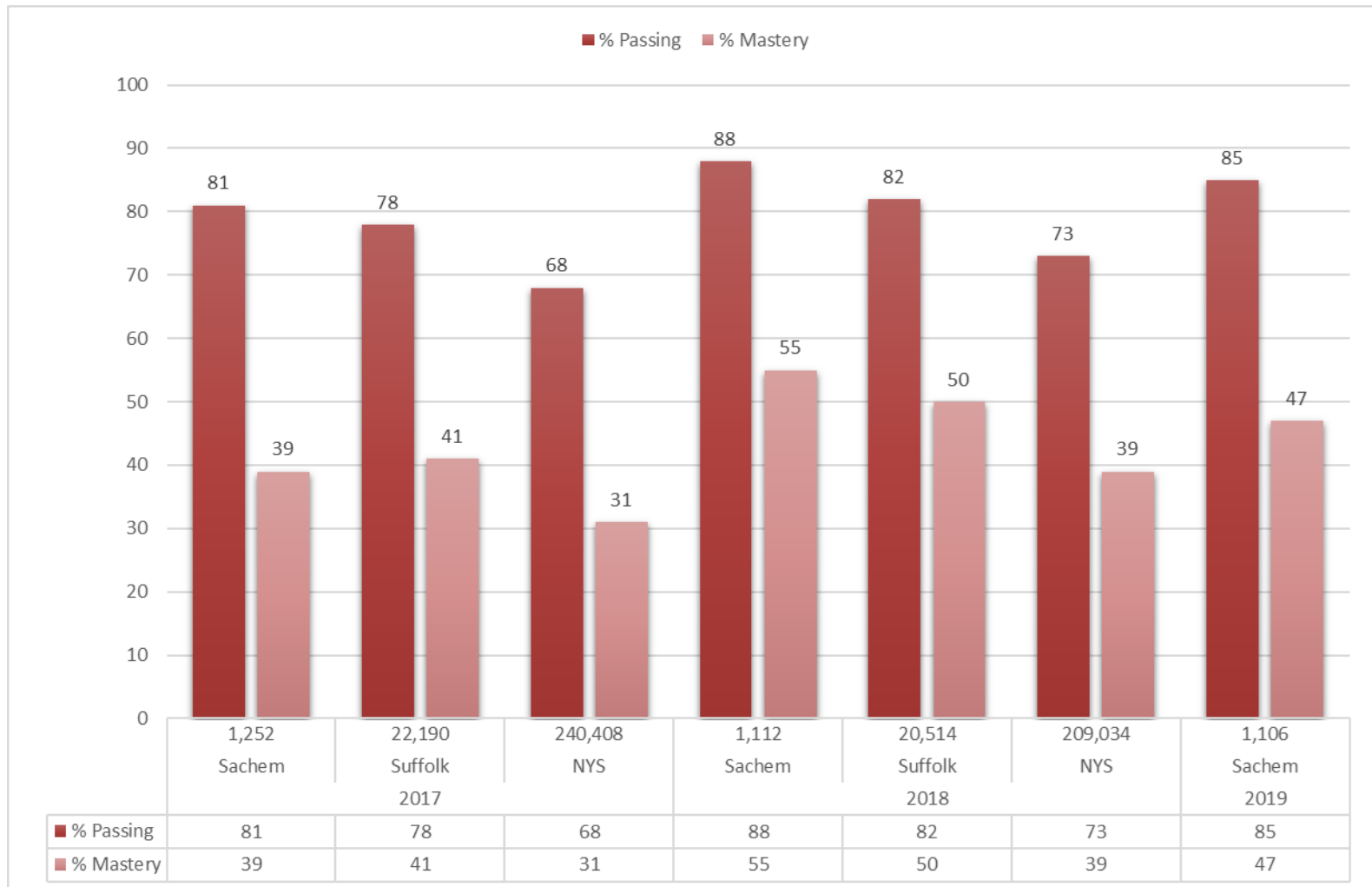
Chemistry Regents



Physics Regents

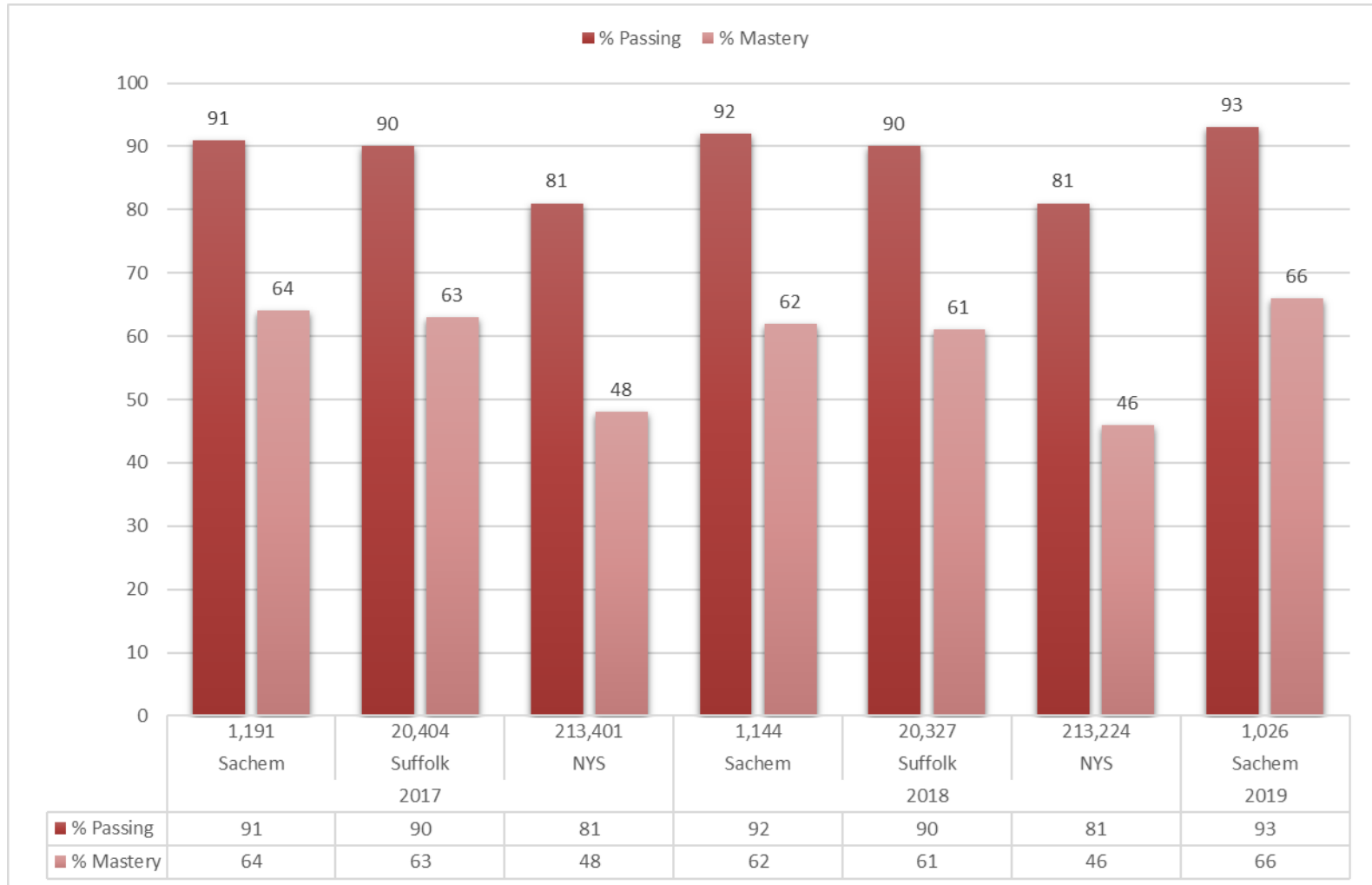


Global History Regents



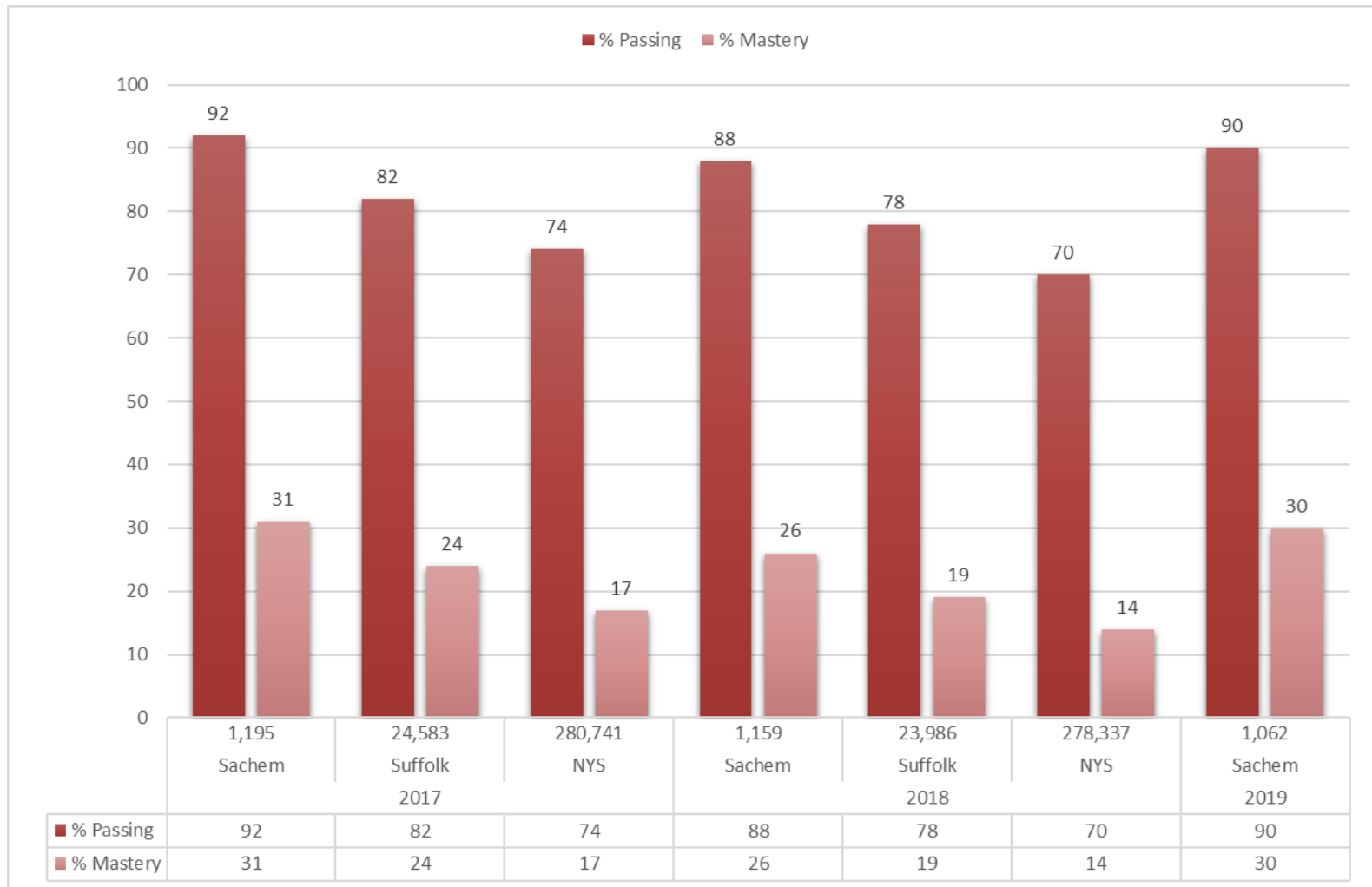
*** New for All based on Framework Standards**

U.S. History & Government Regents

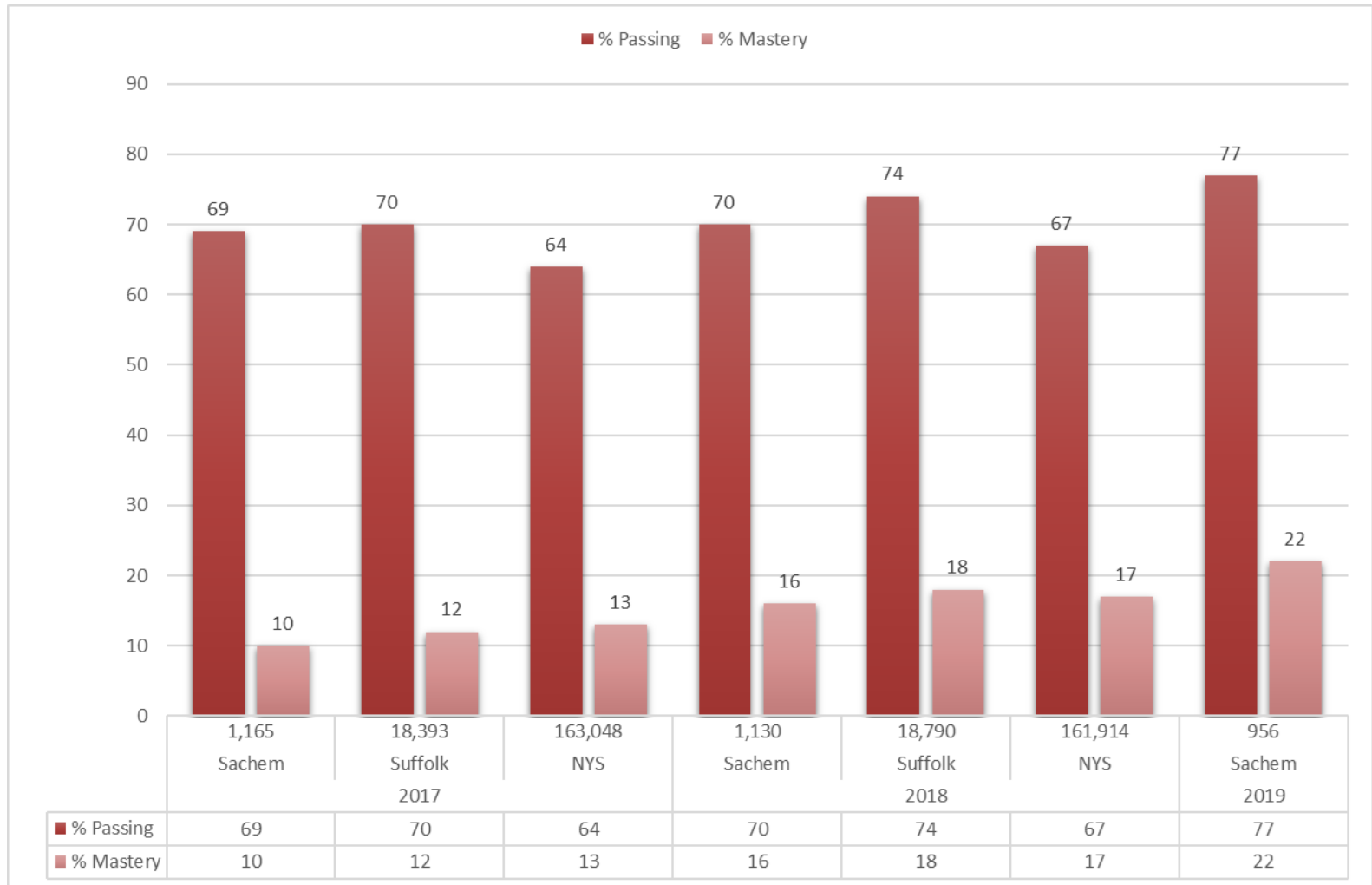


*** Transition year between Core Curriculum and new Framework Standards. To be fully implemented 2020-2021.**

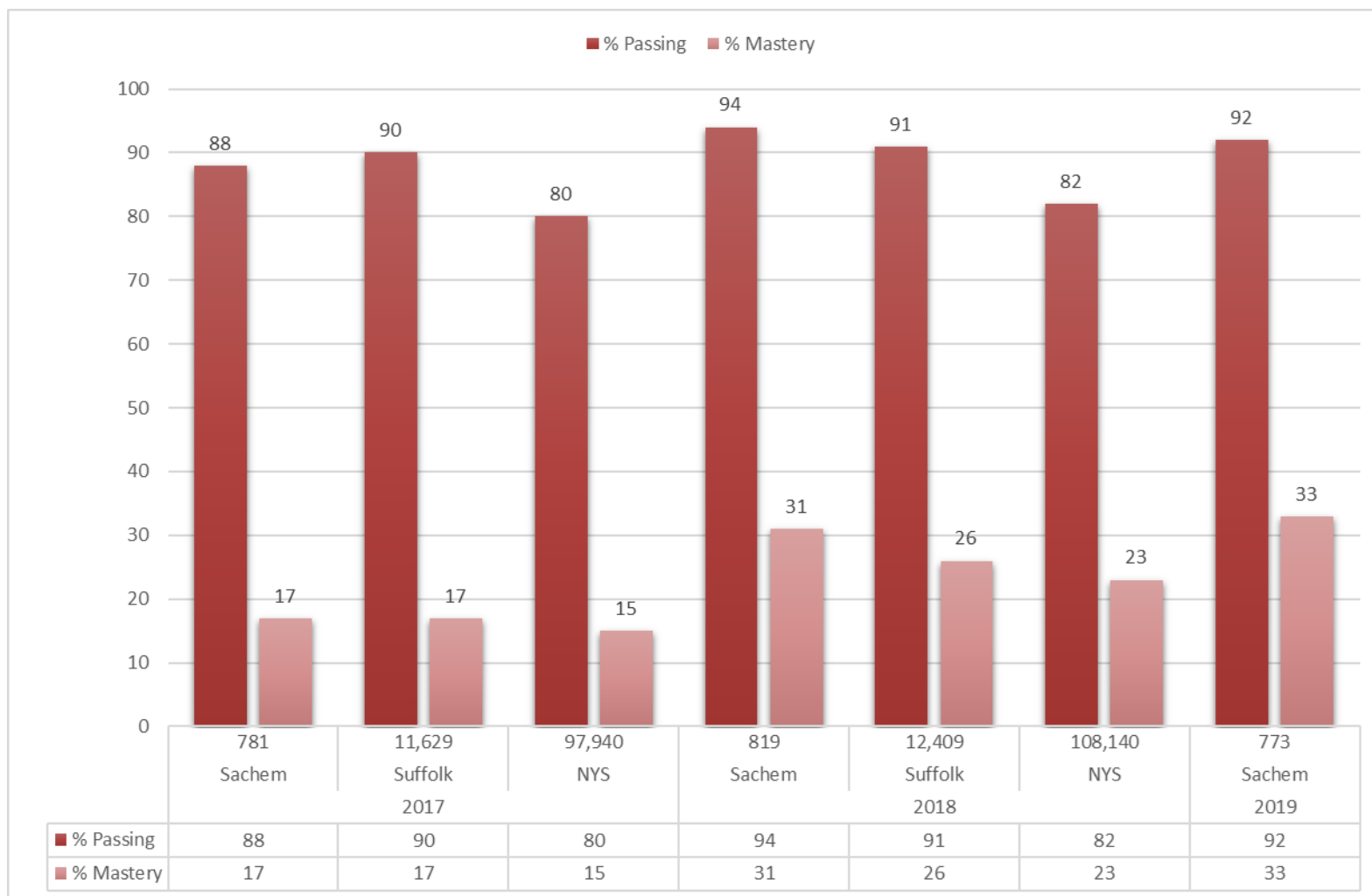
Algebra 1



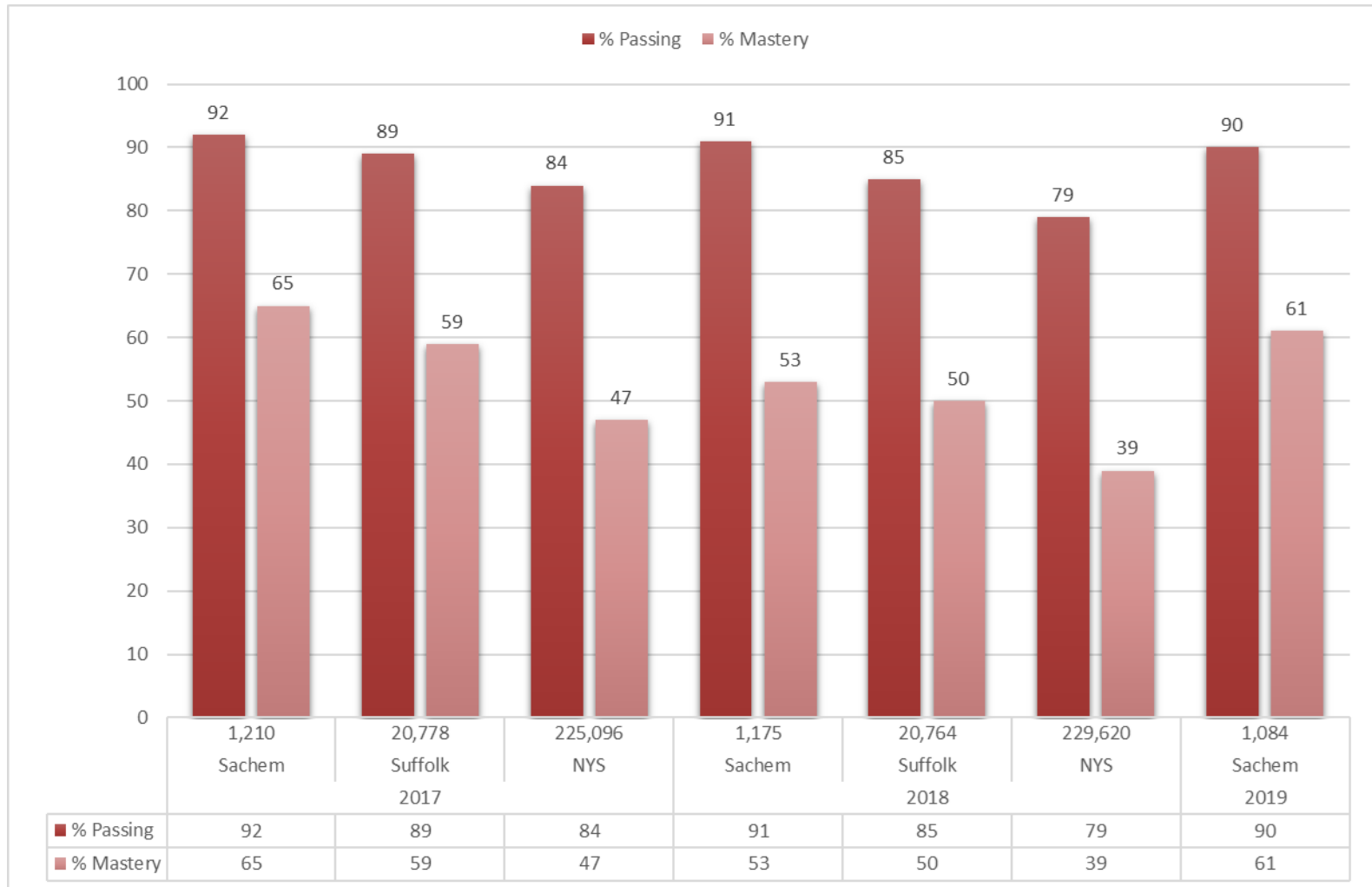
Geometry



Algebra 2



English



Accelerated Math Overview

- Across the middle schools 267 students in 8th grade took Algebra 1
- 100% of these students passed the exam
- 90% of these students achieved Mastery

		Total Tested	# Passing	% Passing	# Mastery	% Mastery
Sagamore	Algebra 1	95	95	100%	80	84%
Samoset	Algebra 1	74	74	100%	69	93%
Seneca	Algebra 1	98	98	100%	91	93%
Total Math		267	267	100%	240	90%

Accelerated Science Overview

- Both Earth Science and Living Environment were offered this year as accelerated 8th grade courses
- 153 8th graders across the district took Earth Science
- 249 8th graders across the district took Living Environment
- 100% of these students passed the associated exam
- 81% of these students achieved Mastery

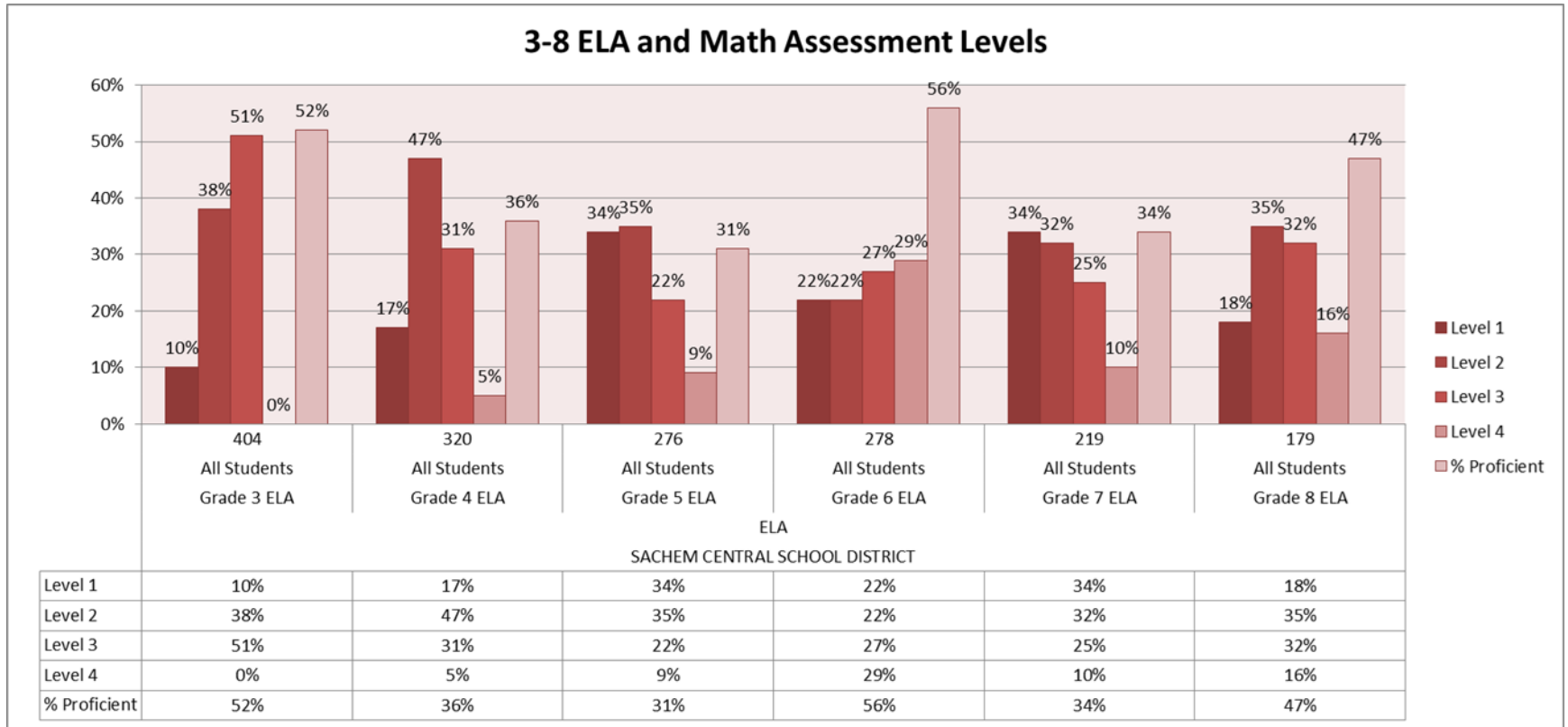
Accelerated Science Overview

		Total Tested	# Passing	% Passing	# Mastery	% Mastery
Sagamore	Earth Science	49	49	100%	32	65%
Samoset	Earth Science	56	56	100%	39	70%
Seneca	Earth Science	48	48	100%	48	98%
Total	Earth Science	153	153	100%	119	78%
Sagamore	Living Environment	95	95	100%	75	78%
Samoset	Living Environment	85	85	100%	66	78%
Seneca	Living Environment	69	69	100%	66	96%
Total	Living Environment	249	249	100%	206	83%
Total Science		402	402	100%	325	81%

Sachem 2019 3-8 Results

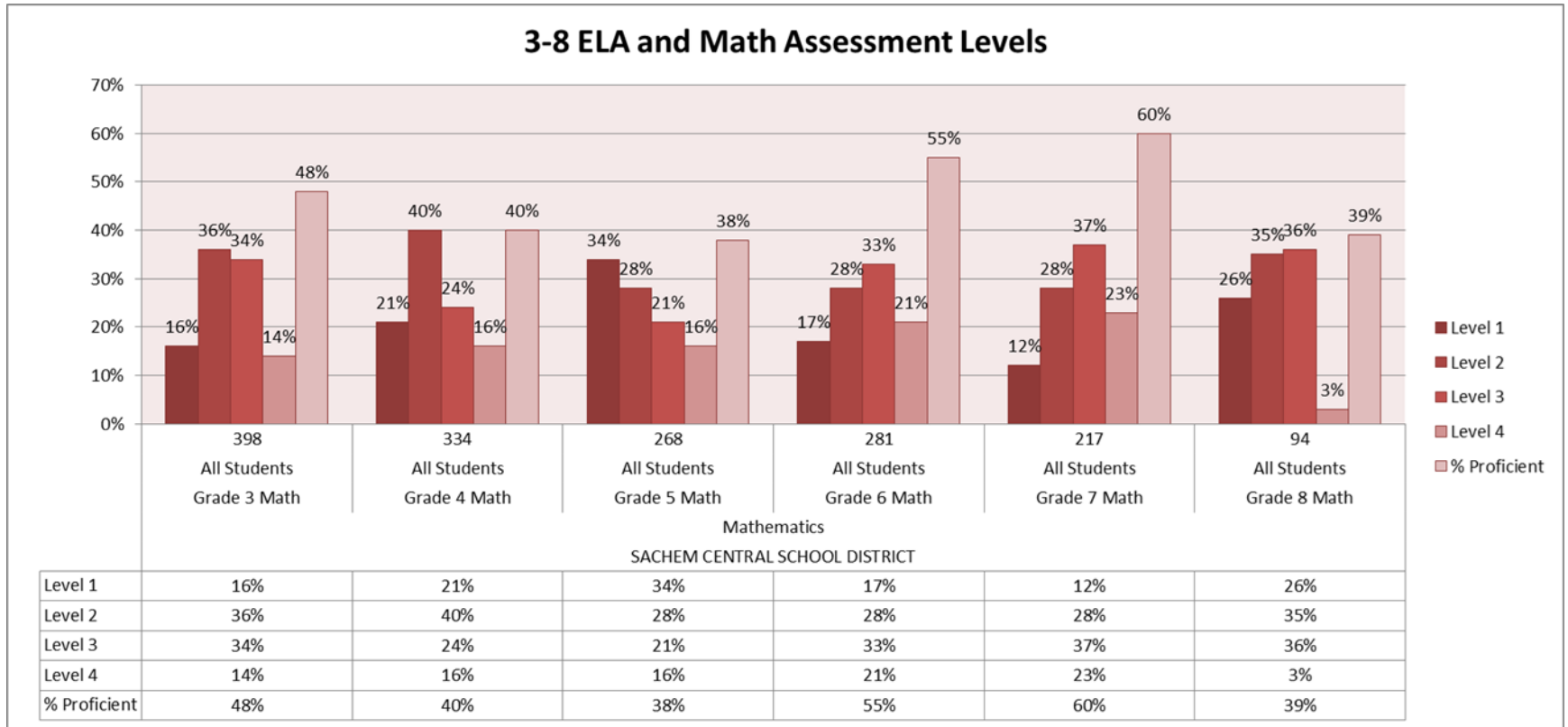


ELA



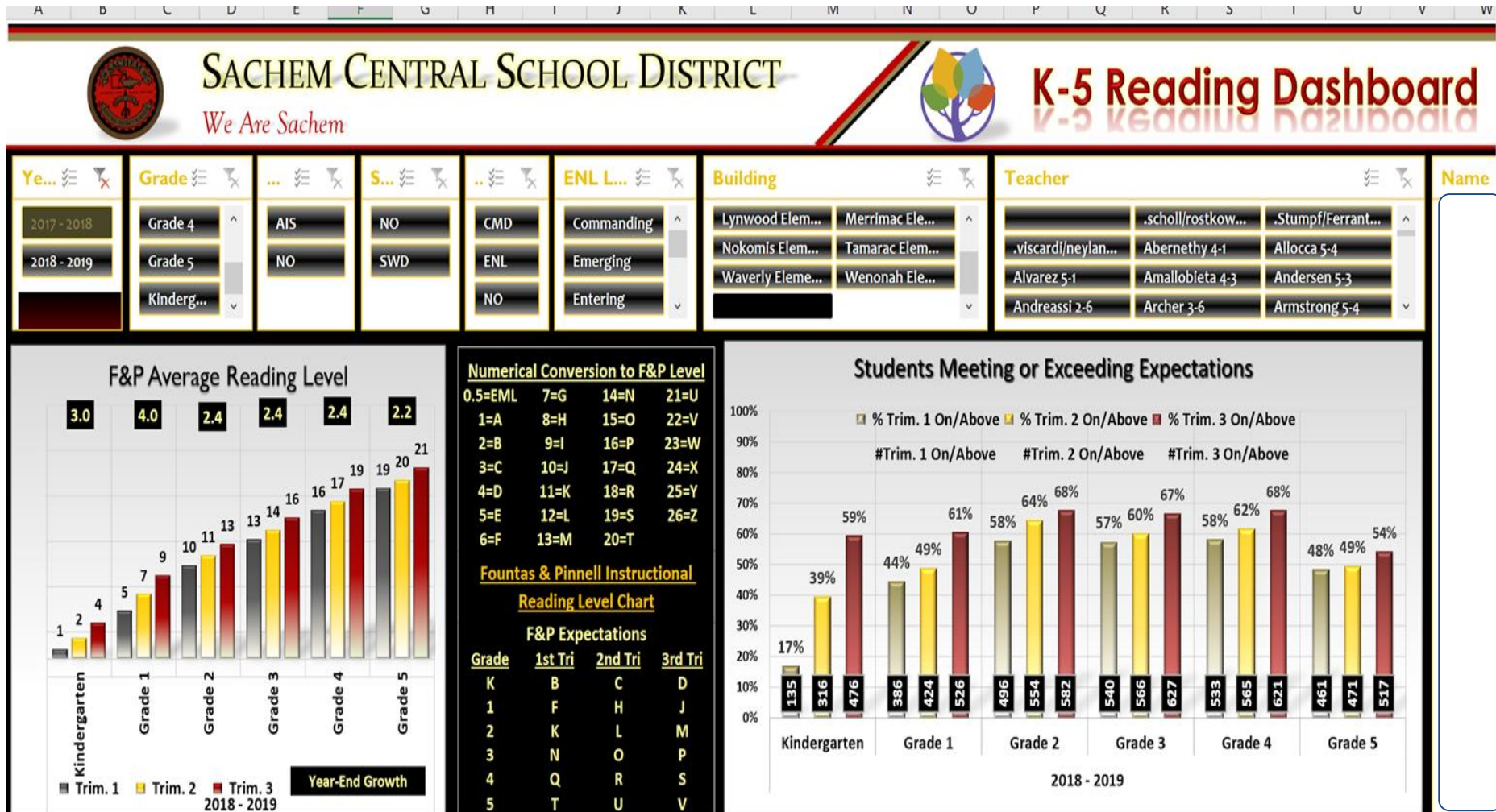
*** 70% District Opt Out Rate**

Math



*** 67% District Opt Out Rate**

K-5 Literacy & Math Dashboards



Sachem 2019 Advanced Placement Data



AP Course Offerings

Music Theory	Studio Art	English Language and Composition	Comparative Government and Politics	Macroeconomics
Microeconomics	Psychology	US Government and Politics	US History	World History
Calculus AB	English Literature and Composition	Calculus BC	Computer Science	Statistics
Biology	Chemistry	Physics I	Physics – Electricity & Magnetism	Physics - Mechanics

2019 AP Statistics

- Sachem administered AP Exams in 29 different subjects
- Sachem had a total of 932 students take at least 1 AP exam
- A total of 1,887 exams were taken by students

	% of Students Scoring 3 or Better	% of Population 9-12 Taking AP Exams
2019	79%	21%
2018	71%	21%

AP Scholars

	AP Scholar	AP Scholar w/Honors	AP Scholar w/Distinction	National AP Scholar	TOTAL	Average Score
Sachem East	38	38	65	13	140	3.87
Sachem North	74	40	53	9	176	3.61

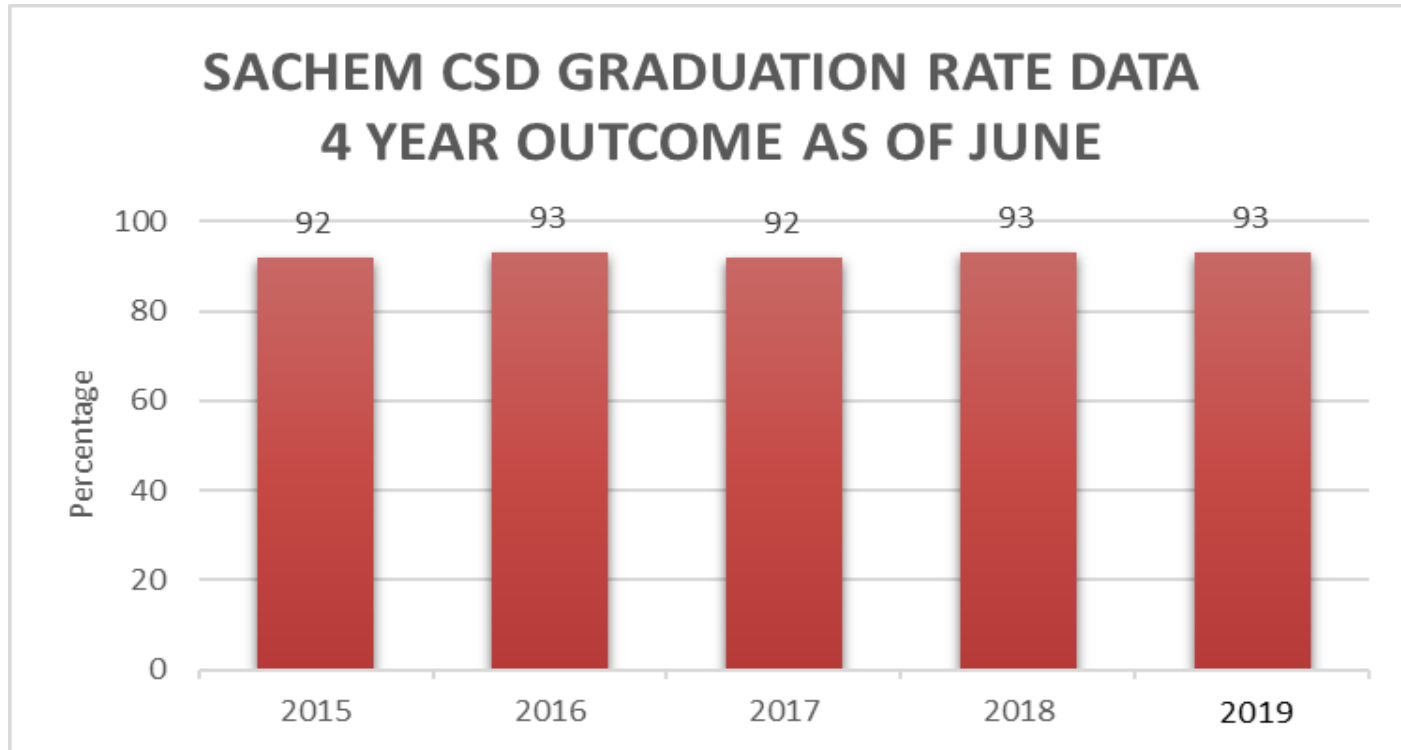
- Sachem had a total of 316 AP Scholars in 2019
 - **AP Scholar**-Granted to students who receive scores of 3 or higher on three or more AP Exams
 - **AP Scholar with Honor**-Granted to students who receive an average score of at least 3.25 on all AP Exams taken, **and** scores of 3 or higher on four or more of these exams
 - **AP Scholar with Distinction**-Granted to students who receive an average score of at least 3.5 on all AP Exams taken, **and** scores of 3 or higher on five or more of these exams
 - **National AP Scholar**-Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, **and** scores of 4 or higher on eight or more of these exams

Sachem 2019 Graduation Statistics

Multi Cohort



4 Year Graduation Rate



Sachem-93% Pop-13,017

Brentwood-69% Pop-18,300

Connetquot-93% Pop-5,800

Middle Country-92% Pop-9,500

Longwood-83% Pop-9,200

Patchogue Medford- 82% Pop-8,000

William Floyd-80% Pop-8,900

***Similar Size and/or Surrounding**

Diploma Types Across Student Groups

Diploma Type	# ALL Students	% ALL Students	# Economically Disadvantaged	% Economically Disadvantaged	# ENL	% ENL	# SWD	% SWD
Regents Diploma with AD&Honors&Career Ed	2	<1%						
Regents Diploma with Adv Des & Honors	133	12%	17	7%				
Regents Diploma with Adv Des & Career Ed	35	3%	8	3%			1	1%
Regents Diploma with Adv Designation	447	42%	76	30%			12	9%
Regents with Honors and CTE	1	<1%						
Regents with Honors	6	1%	2	1%				
Regents with CTE	76	7%	27	11%			22	17%
Regents	305	28%	93	36%	7	44%	38	29%
Local Diploma	72	7%	32	13%	9	56%	59	45%
Grand Total	1077	100%	255	100%	16	16	132	100%

Students are taking advantage of the ability to add onto their Regents Diploma!

Post Graduation Plans

Post Graduation Plans	# ALL Students	% ALL Students
4-year college	541	50%
2-year college	373	35%
Enlist in the military	16	1%
Seek employment	82	8%
Other postsecondary school	36	3%
Other/Unknown	29	3%
Grand Total	1077	100%

Informing Our Programing and Instruction

~ Disaggregating data yearly allows us to make enhancements to enrich our student's experiences!

