

2018-19 MCAS Accountability Results Overview

Rockland Public Schools
Rockland, Massachusetts 02370

2019 MCAS Context

- ▶ All grades, all tests on computer
- ▶ MCAS 2.0 in all subjects (except hs science)
 - Different types of items (i.e. long comp to short essays, math tools)
 - More rigorous items / ELA Essays
 - Achievement Levels: E, M, PM, NM (except hs science)
- ▶ Accountability system changes
 - Targets for 2019 based on 2018
 - “Lowest Performing” students subgroup – lowest 20%
 - Still “compare to self” and “compare to others” measures

GRADE 3

% Students exceeding or meeting expectations

- ELA: +10%
- MATH: +4%

School Highlights

- **Esten:** ELA: +5% Math: no change
- **MP:** ELA: +10% Math: no change
- **Jefferson:** ELA: +15% Math: +11%

Grade 4

% Students exceeding or meeting expectations:

- ▶ ELA: +8.6%
- ▶ MATH: +1%

School highlights:

- ▶ **Esten:** ELA: +9% Math +1%
- ▶ **MP:** ELA: +8% Math -8%
- ▶ **Jefferson:** ELA: +9% Math +11%

Grade 5 – Rogers Middle School

Exceeding or meeting expectations:

Grade 5 saw a decrease in ELA scores and an increase in math scores

- ▶ ELA: -6%
- ▶ Math: +10%

Grade 6 – Rogers Middle School

Exceeding or meeting expectations:

Grade 6 saw an increase in ELA and math scores

- ▶ ELA +11%
- ▶ Math +14%

GRADE 7

Exceeding or meeting expectations:

Students in grade 7 saw a decrease in MATH scores and an increase in ELA scores

- ▶ ELA +1%
- ▶ MATH -6%

GRADE 8

Exceeding or meeting expectations:

Students in grade 8 improved in both ELA and MATH





▶ ELA +1%

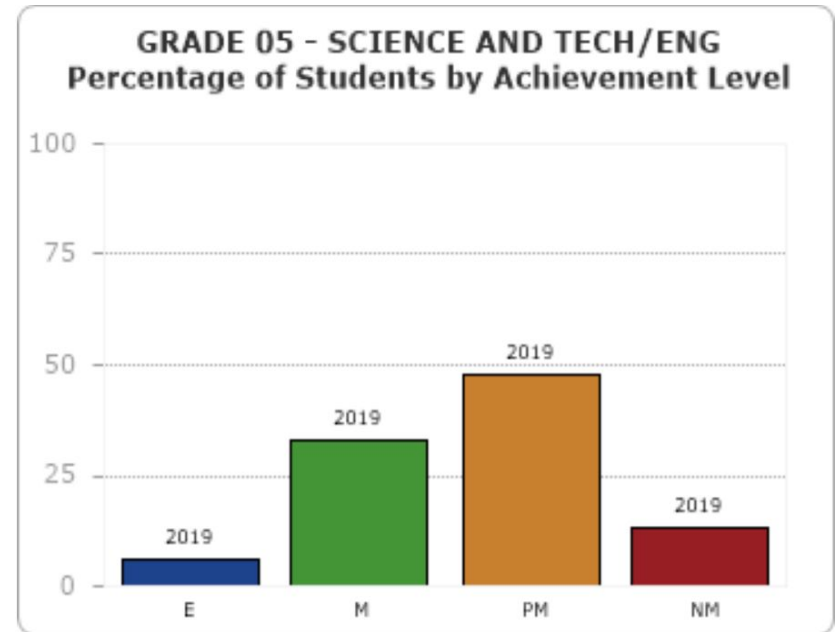
▶ MATH +1%

Science

- ▶ The Science MCAS is given in grades 5, 8 and 10.
- ▶ “Next Generation” test given for first time in grades 5 and 8

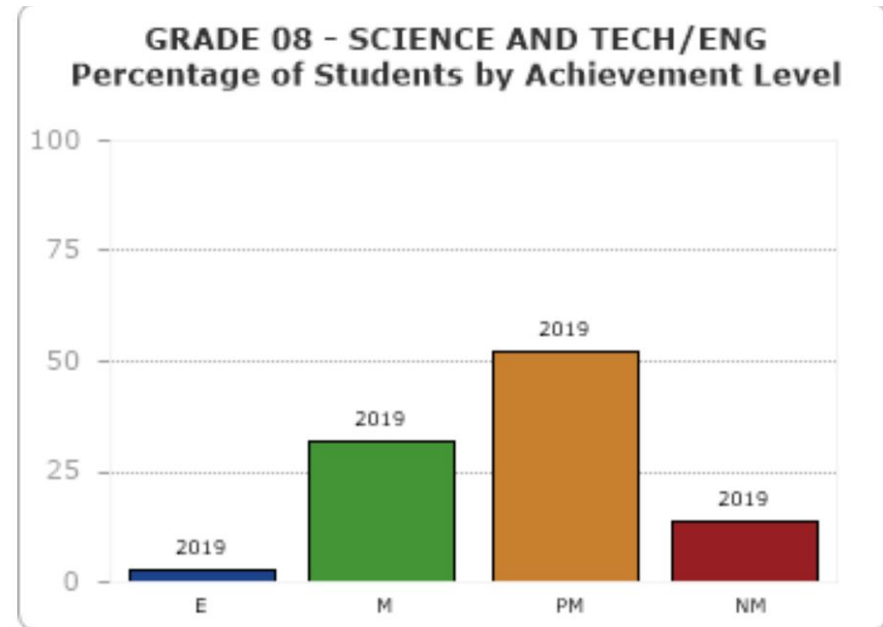
SCIENCE GRADE 5

GRADE 05 - SCIENCE AND TECH/ENG		2019
ACHIEVEMENT LEVEL		
	Exceeding Expectations (E)	6
	Meeting Expectations (M)	33
	Partially Meeting Expectations (PM)	48
	Not Meeting Expectations (NM)	13



SCIENCE GRADE 8

GRADE 08 - SCIENCE AND TECH/ENG	
ACHIEVEMENT LEVEL	2019
Exceeding Expectations (E)	3
Meeting Expectations (M)	32
Partially Meeting Expectations (PM)	52
Not Meeting Expectations (NM)	14



HIGH SCHOOL CONTEXT

1. **Cannot compare results to last year.**

- a. Different test – 1st year “Next Generation MCAS” math and ELA only, Science “legacy/paper”
- b. Computer-based vs. paper

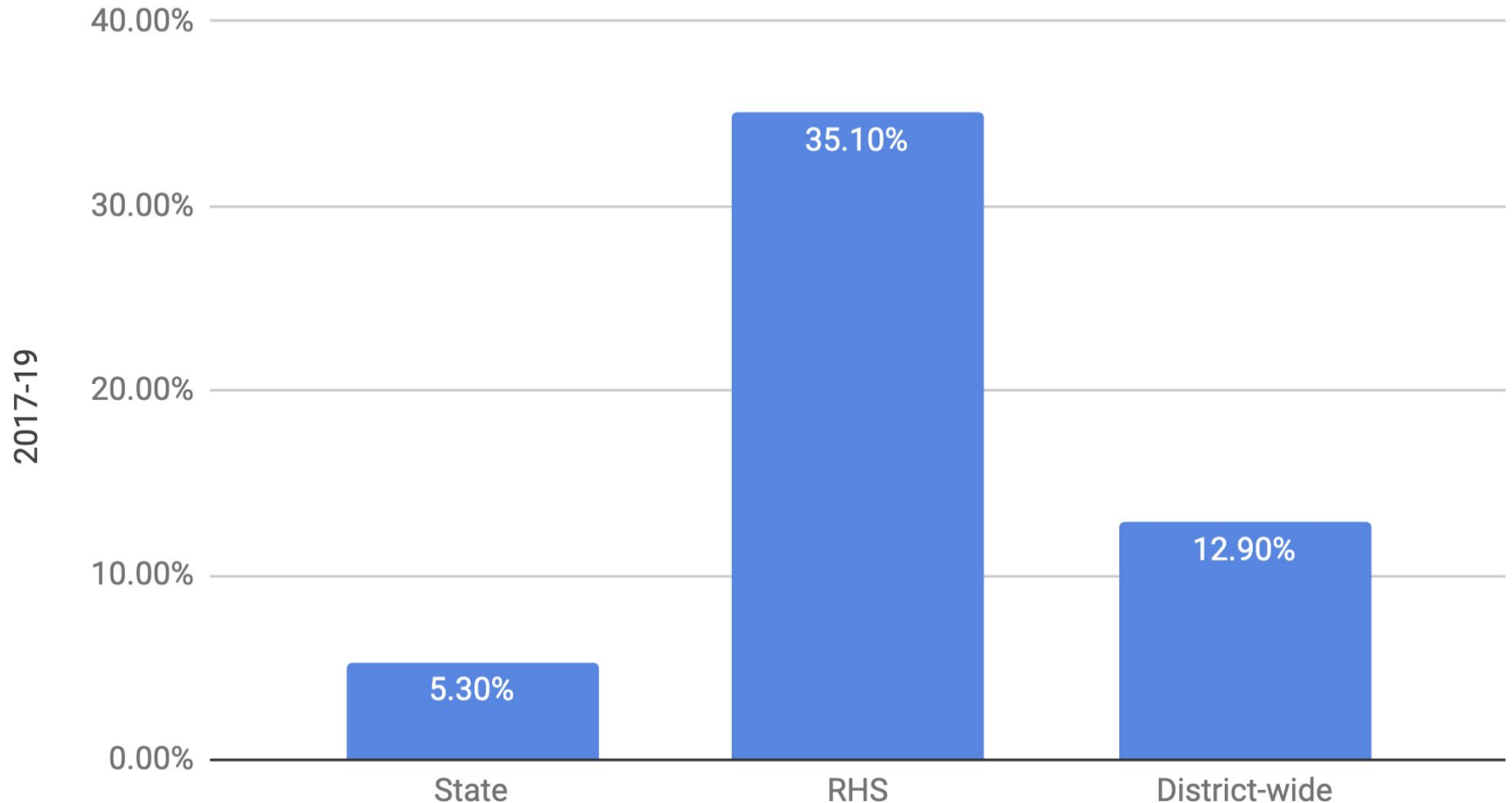
2. **Significant increase in % of high-needs students**

- a. A student is considered “high-needs” if they are:
 - ▶ Economically disadvantaged
 - ▶ English Language Learner (ELL)
 - ▶ Former ELL (FELL)
 - ▶ Individual Education Plan (IEP)

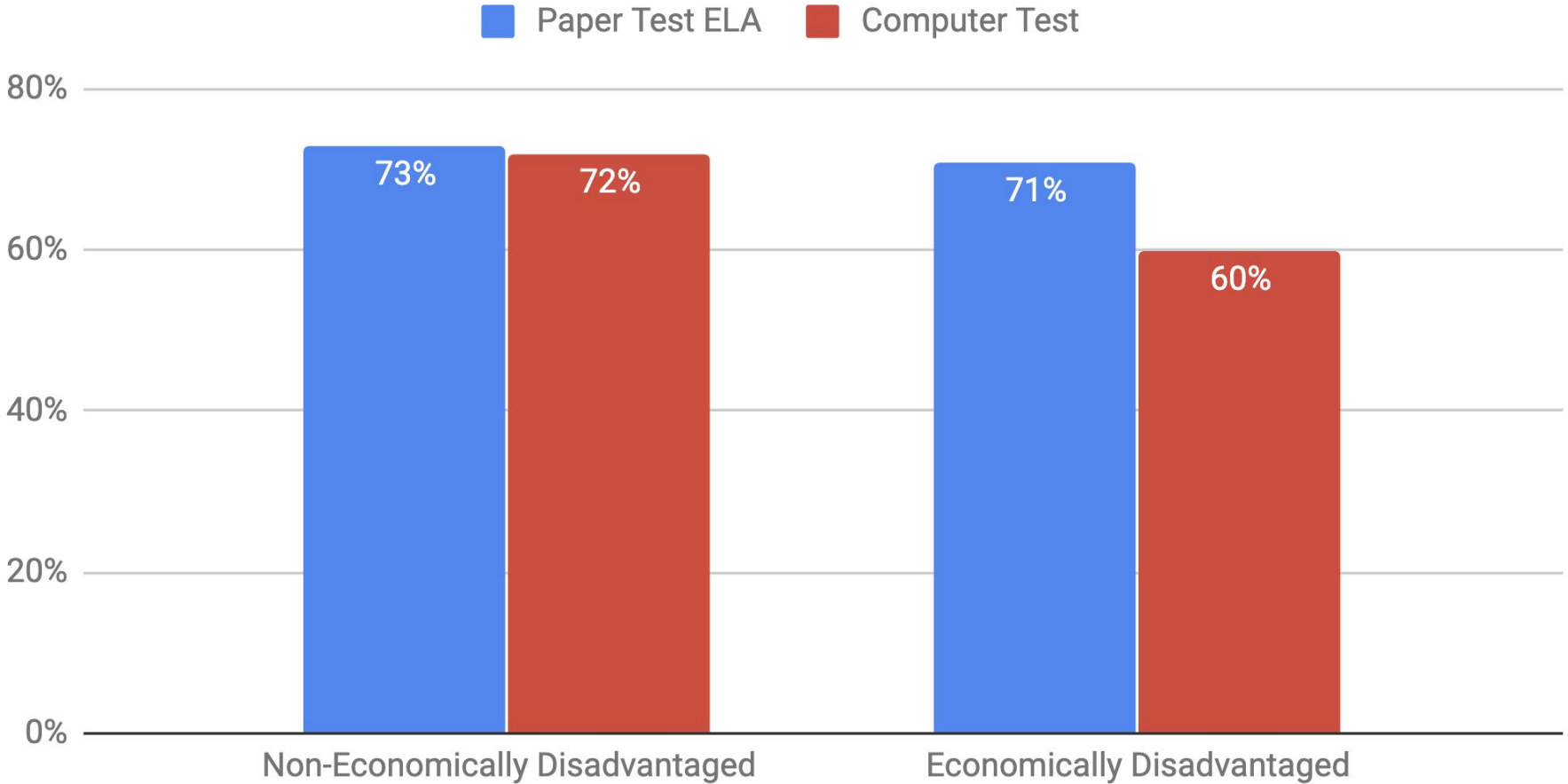
3. **Currently 39.6% of all RHS students are considered “High-Needs” (45.3% district-wide)**

Rockland's Changing Demographics

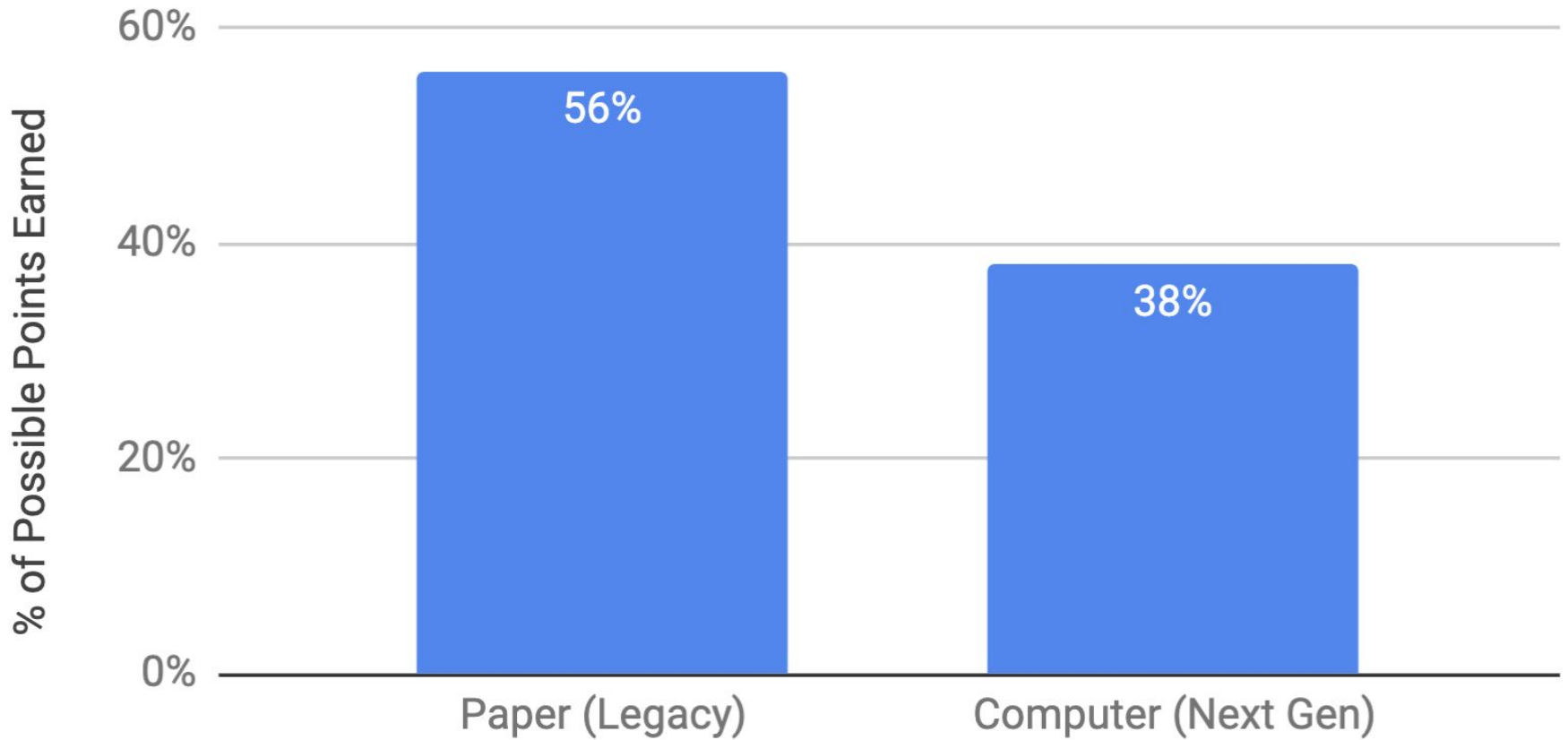
2017-19 Growth Percentage "High-Needs" Students



Paper vs. Computer ELA % of Possible Points Scored ED vs. Non-ED Test Takers at RHS



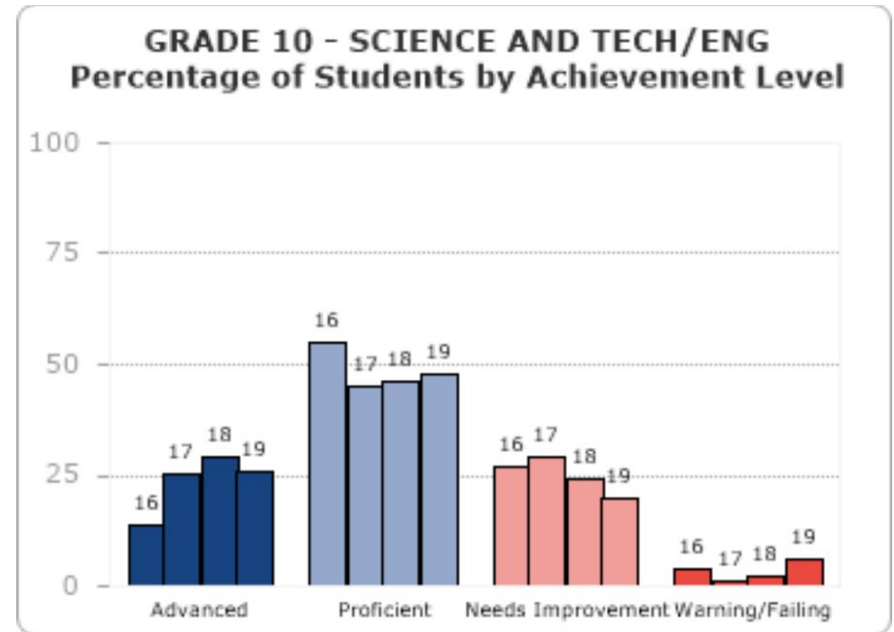
RHS IEP Students % of Possible Points Earned



BIOLOGY GRADE 9/10

(-1)

GRADE 10 - SCIENCE AND TECH/ENG				
ACHIEVEMENT LEVEL	2016	2017	2018	2019
ADVANCED	14	25	29	26
PROFICIENT	55	45	46	48
NEEDS IMPROVEMENT	27	29	24	20
FAILING	4	1	2	6



ELA GRADE 10

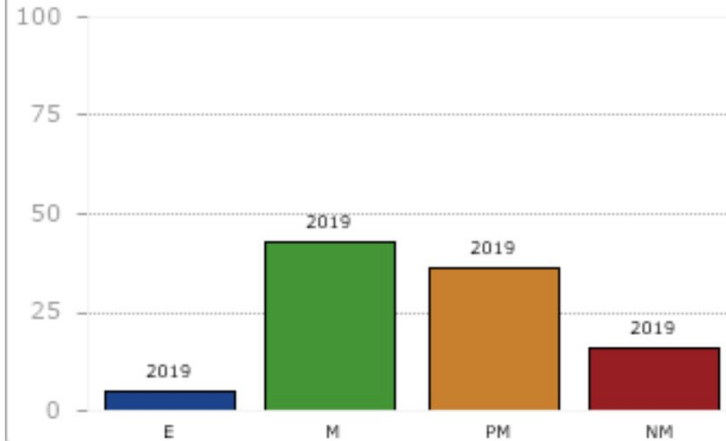
GRADE 10 - ENGLISH LANGUAGE ARTS

ACHIEVEMENT LEVEL

2019

Exceeding Expectations (E)	5
Meeting Expectations (M)	43
Partially Meeting Expectations (PM)	36
Not Meeting Expectations (NM)	16

GRADE 10 - ENGLISH LANGUAGE ARTS Percentage of Students by Achievement Level



MCAS Annual Comparisons

GRADE 10 - ENGLISH LANGUAGE ARTS

ACHIEVEMENT LEVEL

2016

2017

2018

ADVANCED

40

48

51

PROFICIENT

50

47

41

NEEDS IMPROVEMENT

7

4

6

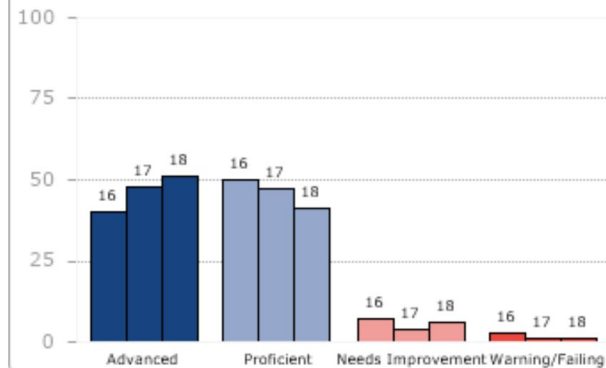
FAILING

3

1

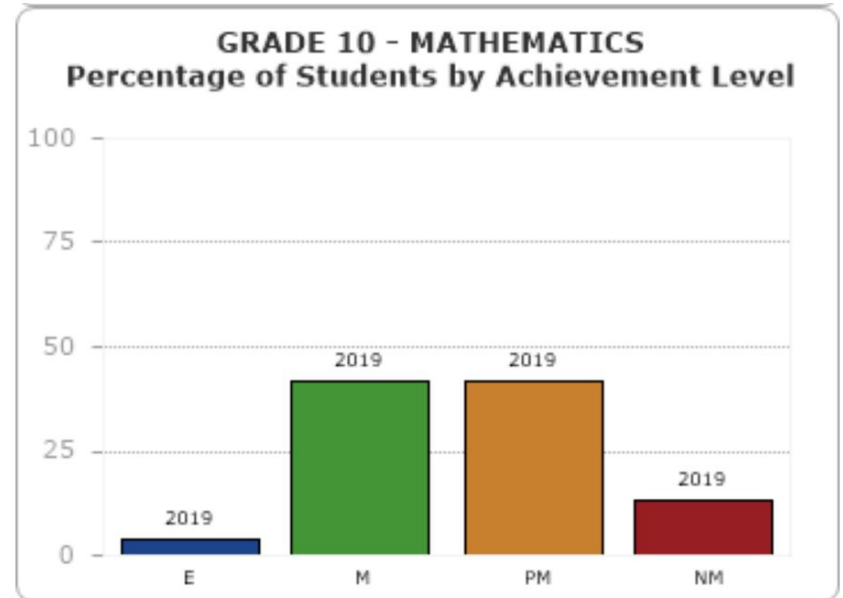
1

GRADE 10 - ENGLISH LANGUAGE ARTS Percentage of Students by Achievement Level

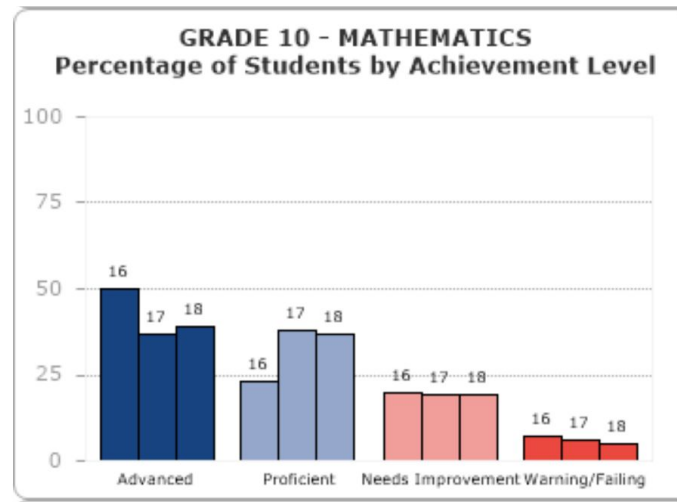


MATH GRADE 10

GRADE 10 - MATHEMATICS		2019
ACHIEVEMENT LEVEL		
Exceeding Expectations (E)		4
Meeting Expectations (M)		42
Partially Meeting Expectations (PM)		42
Not Meeting Expectations (NM)		13



GRADE 10 - MATHEMATICS			
ACHIEVEMENT LEVEL	2016	2017	2018
ADVANCED	50	37	39
PROFICIENT	23	38	37
NEEDS IMPROVEMENT	20	19	19
FAILING	7	6	5

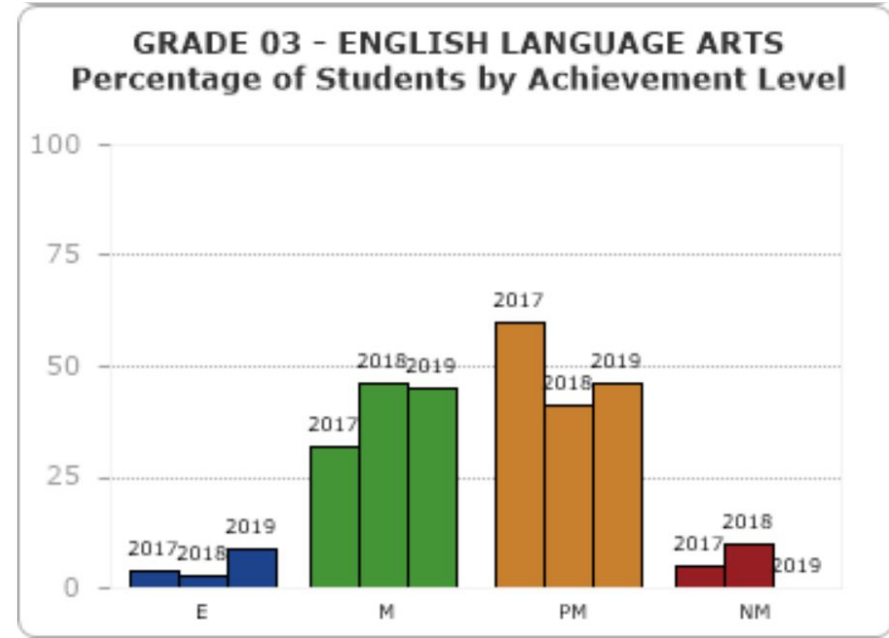


HIGHLIGHTS: ACHIEVEMENT

ESTEN GRADE 3 ELA

(+5%)

GRADE 03 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	4	3	9
■	Meeting Expectations (M)	32	46	45
■	Partially Meeting Expectations (PM)	60	41	46
■	Not Meeting Expectations (NM)	5	10	0



HIGHLIGHTS: ACHIEVEMENT

ESTEN GRADE 4 ELA AND MATH

Overall Achievement: Grade 4 (Meeting or Exceeding Expectations)

ELA

2018: 45%

2019: 55 % **(+10%)**

Math

2018: 62 %

2019: 62 %



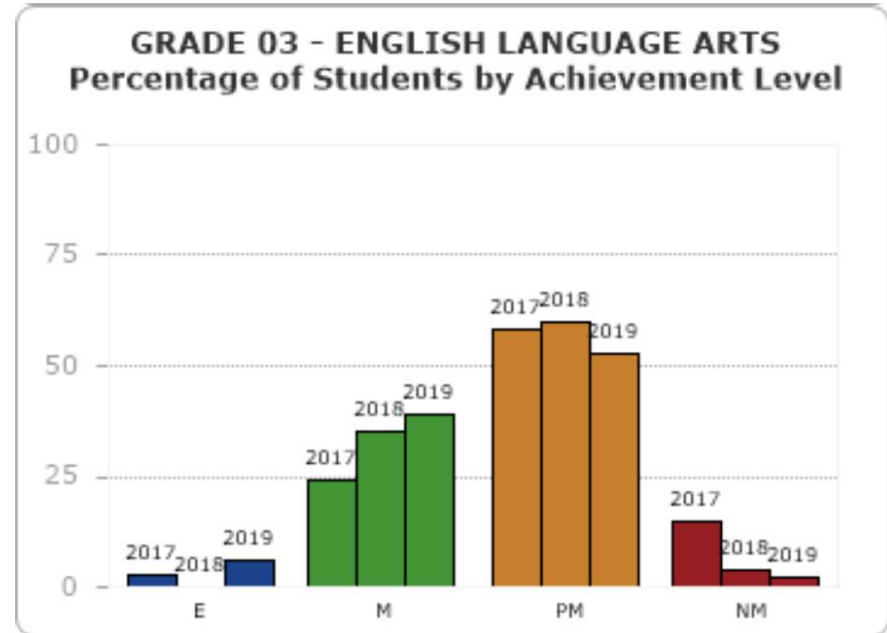
Math achievement is 12% higher than the state average for two consecutive years

HIGHLIGHTS: ACHIEVEMENT

MEMORIAL PARK GRADE 3 ELA

GRADE 03 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	3	0	6
■	Meeting Expectations (M)	24	35	39
■	Partially Meeting Expectations (PM)	58	60	53
■	Not Meeting Expectations (NM)	15	4	2

+10%

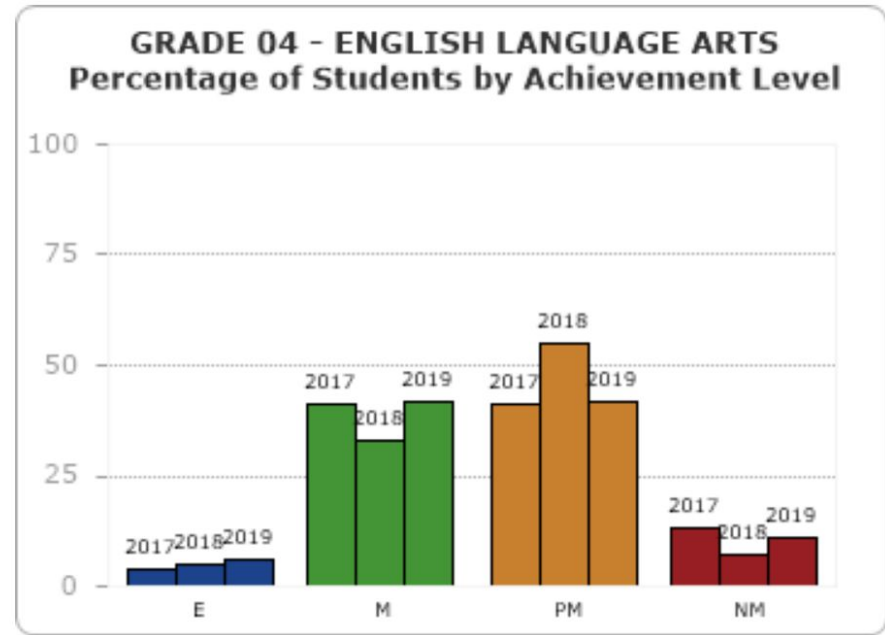


HIGHLIGHTS: ACHIEVEMENT

MEMORIAL PARK GRADE 4 ELA

GRADE 04 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	4	5	6
■	Meeting Expectations (M)	41	33	42
■	Partially Meeting Expectations (PM)	41	55	42
■	Not Meeting Expectations (NM)	13	7	11

+10%



HIGHLIGHTS: ACHIEVEMENT GRADE 3

JEFFERSON ELA

Overall Achievement: Grade 3
(Meeting or Exceeding Expectations)

ELA

2017: 19%

2018: 35%

2019: 50%

+31% since '17

Math

2017: 29%

2018: 33%

2019: 44%

+15% since '17

HIGHLIGHTS: COHORT ACHIEVEMENT

JEFFERSON

Grade 3/4 Cohort
2018-2019
Achievement Levels
(Meeting or
Exceeding
Expectations)

ELA

2018: 35%

2019: 56%

Math:

2018: 33%

2019: 56%

HIGHLIGHTS: JEFFERSON

2019 Official Accountability Report - Jefferson Elementary School

Organization Information

DISTRICT NAME

Rockland (02510000)

SCHOOL

Jefferson Elementary School (02510060)

REGION

Coastal

Accountability Information

Overall classification Not requiring assistance or intervention

Reason for classification





School of Recognition: High Growth - Exceeding Targets

Progress toward improvement targets

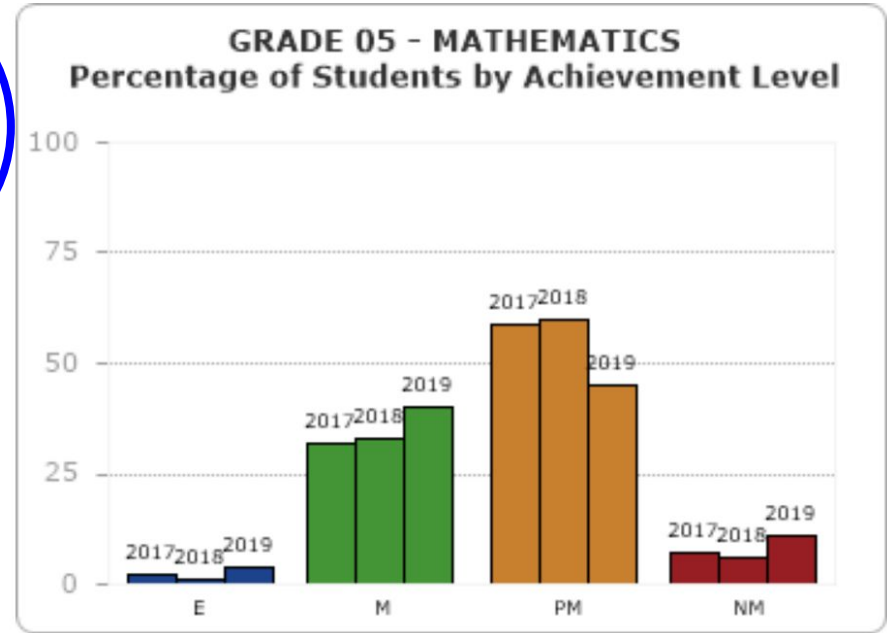
98% - Meeting or exceeding targets

HIGHLIGHTS: ACHIEVEMENT

RMS MATH GRADE 5

GRADE 05 - MATHEMATICS		2017	2018	2019
ACHIEVEMENT LEVEL				
	Exceeding Expectations (E)	2	1	4
	Meeting Expectations (M)	32	33	40
	Partially Meeting Expectations (PM)	59	60	45
	Not Meeting Expectations (NM)	7	6	11

(+10)

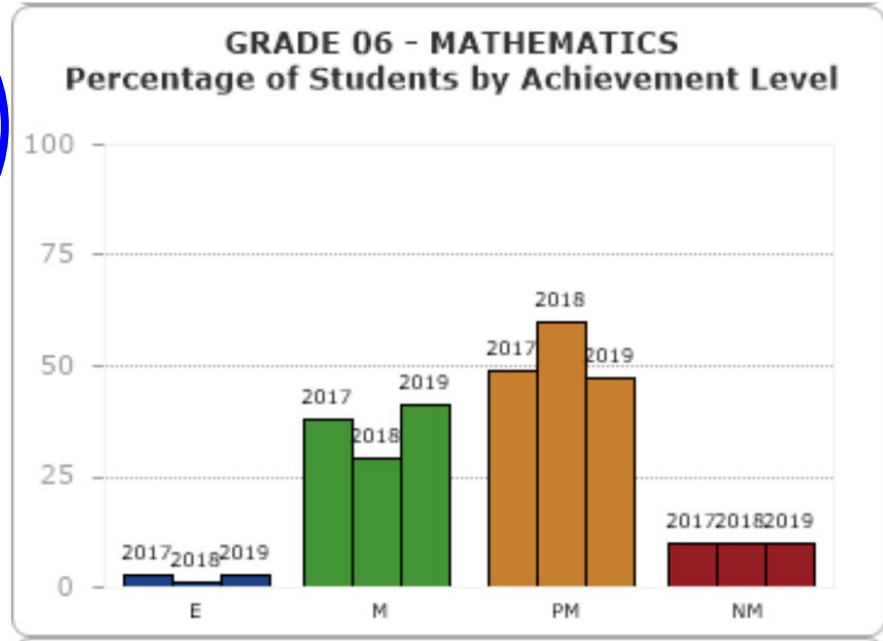


HIGHLIGHTS: ACHIEVEMENT

RMS GRADE 6 MATH

GRADE 06 - MATHEMATICS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	3	1	3
■	Meeting Expectations (M)	38	29	41
■	Partially Meeting Expectations (PM)	49	60	47
■	Not Meeting Expectations (NM)	10	10	10

(+14)

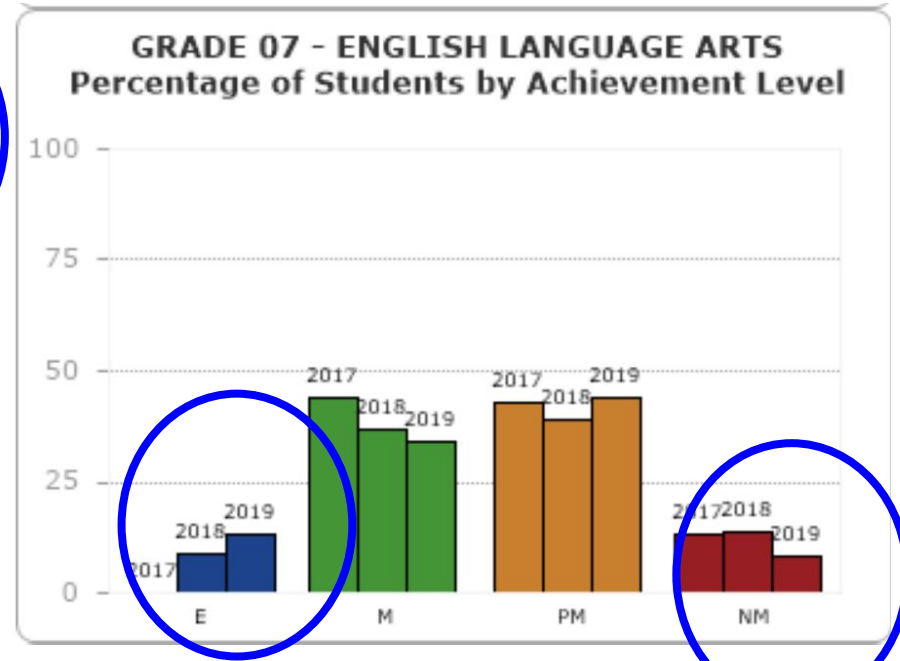


HIGHLIGHTS: ACHIEVEMENT

RMS GRADE 7 ELA

GRADE 07 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	0	9	13
■	Meeting Expectations (M)	44	37	34
■	Partially Meeting Expectations (PM)	43	39	44
■	Not Meeting Expectations (NM)	13	14	8

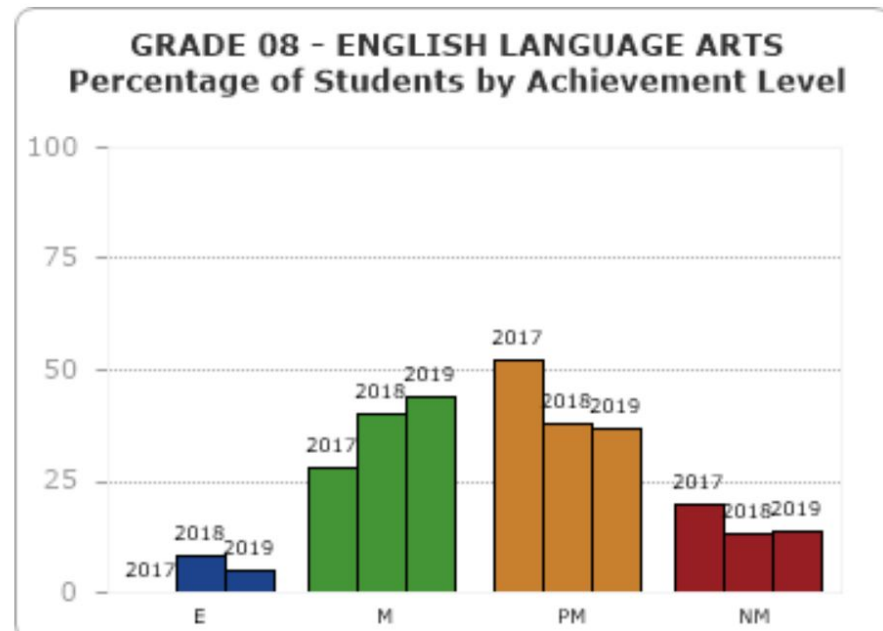
(+1)



HIGHLIGHTS: ACHIEVEMENT

RMS GRADE 8 ELA

GRADE 08 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
■	Exceeding Expectations (E)	0	8	5
■	Meeting Expectations (M)	28	40	44
■	Partially Meeting Expectations (PM)	52	38	37
■	Not Meeting Expectations (NM)	20	13	14



HIGHLIGHTS: HIGH SCHOOL AP SCORES

Advanced Placement Testing

	2009-2010	2015-2016	2016-2017	2017-2018	2018-2019
# of Advanced Placement Courses	6	12	12	12	12
# of Test Takers	69	135	146	119	132
# of Tests Administered	129	232	243	206	263
Passing Rate	46.5%	41.4%	32.5%	46.6%	52%
% of Senior Class that Passed AP Exam	19.3%	21.5%	20.9%	26.5%	27.1%

Conclusions

- ▶ At the elementary level, ELA and Math growth and achievement improved substantially over the previous year, suggesting that our current course is on point
- ▶ When compared to the state, Rockland (especially RHS) is experiencing a sharp increase in the number of “high needs” students, especially in the area of English Language Learners. More needs to be done to address the needs of these students (technology and staffing)
- ▶ The “new” MCAS exam and the computer-based format in which it was administered, was a challenge to the high school, especially for our high needs students
- ▶ This year's results demonstrate a pattern of continuous growth which can be credited to our incredibly supportive town, our hard-working and talented teaching staff, administration and our great Rockland kids and families

2019 MCAS Accountability Results Overview

Rockland Public Schools
Rockland, Massachusetts 02370