

# MCAS & Accountability Data

For the IPS School Committee

by Tracy Wagner, Director of Teaching & Learning

October 17, 2019

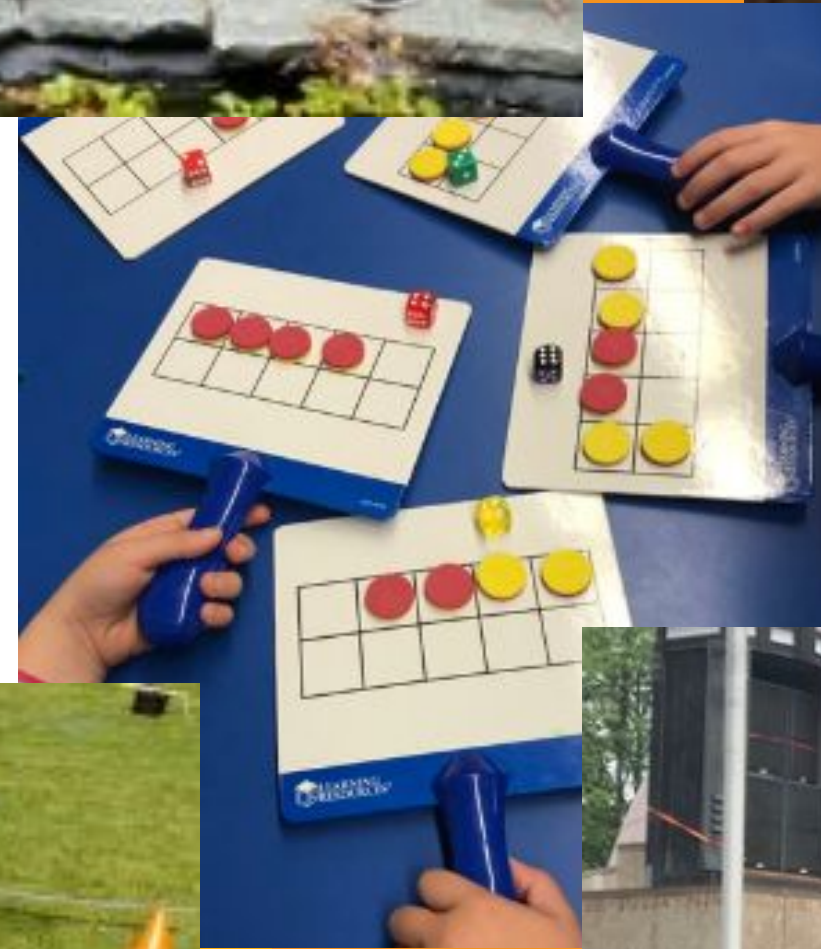
2019





# MCAS

is just one of many forms of assessment in Ipswich Public Schools by which students show us what they know and are able to do.





# “What standards is MCAS assessing?”

Grade 3: ELA & Math

Grade 4: ELA & Math

Grade 5: ELA; Math & Science, Technology & Engineering

**New! Next Gen in 2019**

Grade 6: ELA & Math

Grade 7: ELA & Math

Grade 8: ELA; Math & Science, Technology & Engineering

**New! Next Gen in 2019**

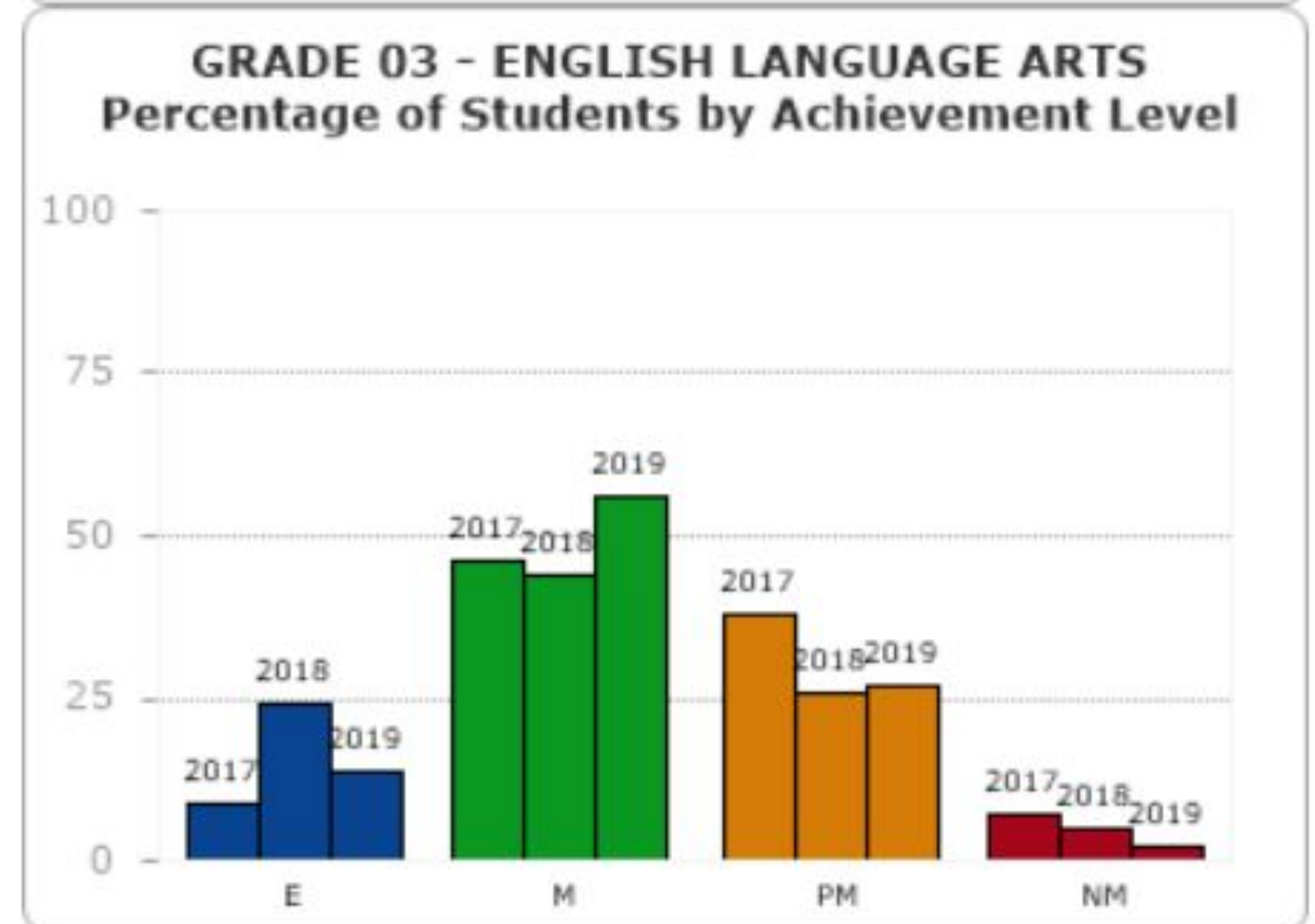
Grade 10: ELA; Math





Science, Technology & Engineering (Biology)

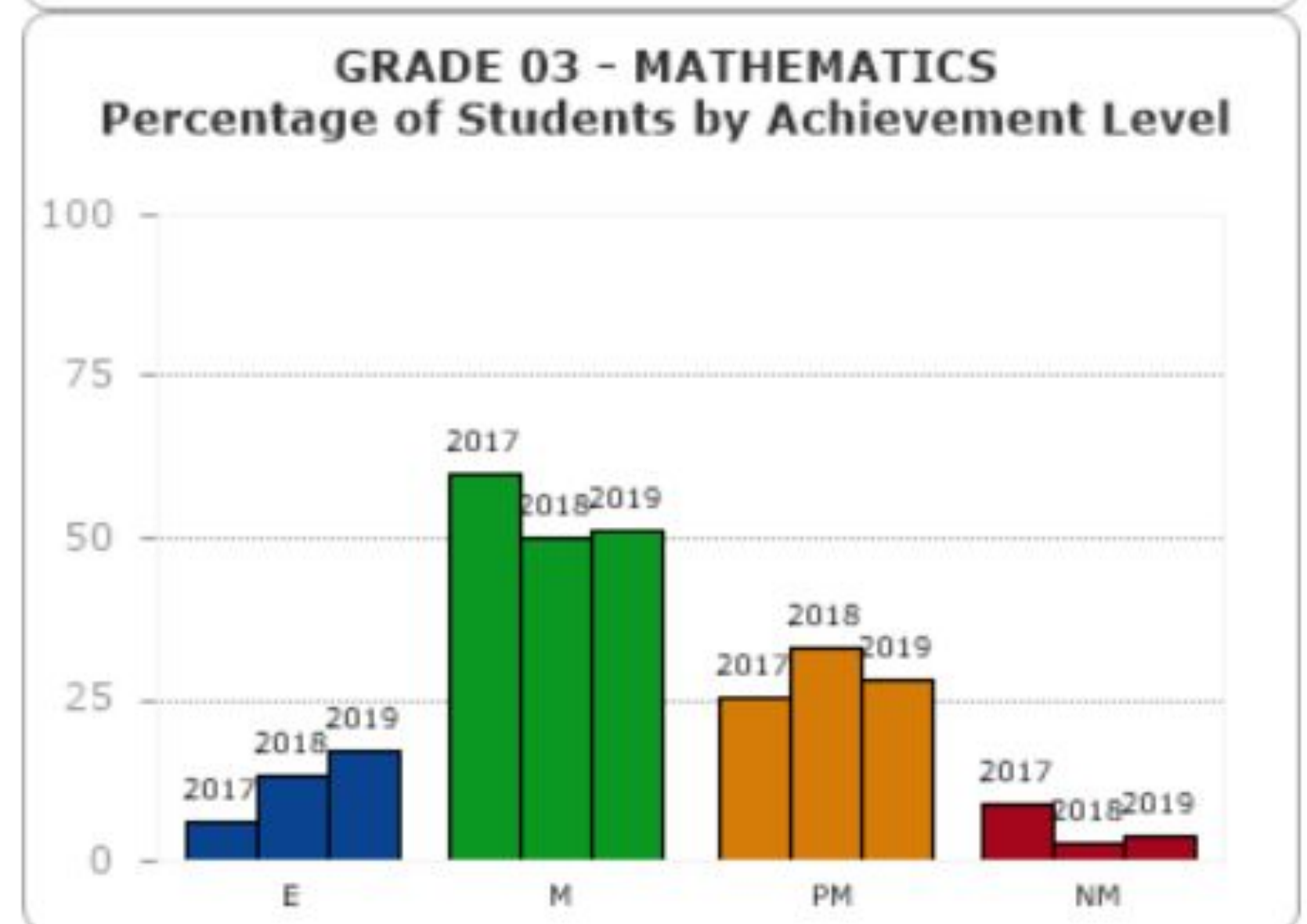
**Next Gen in 2020**

**New! Next Gen in 2019**

GRADE 03 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	9	24	14
	Meeting Expectations (M)	46	44	56
	Partially Meeting Expectations (PM)	38	26	27
	Not Meeting Expectations (NM)	7	5	2



GRADE 03 - MATHEMATICS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	6	13	17
	Meeting Expectations (M)	60	50	51
	Partially Meeting Expectations (PM)	25	33	28
	Not Meeting Expectations (NM)	9	3	4



# Grade 3 by School

Select a Subject

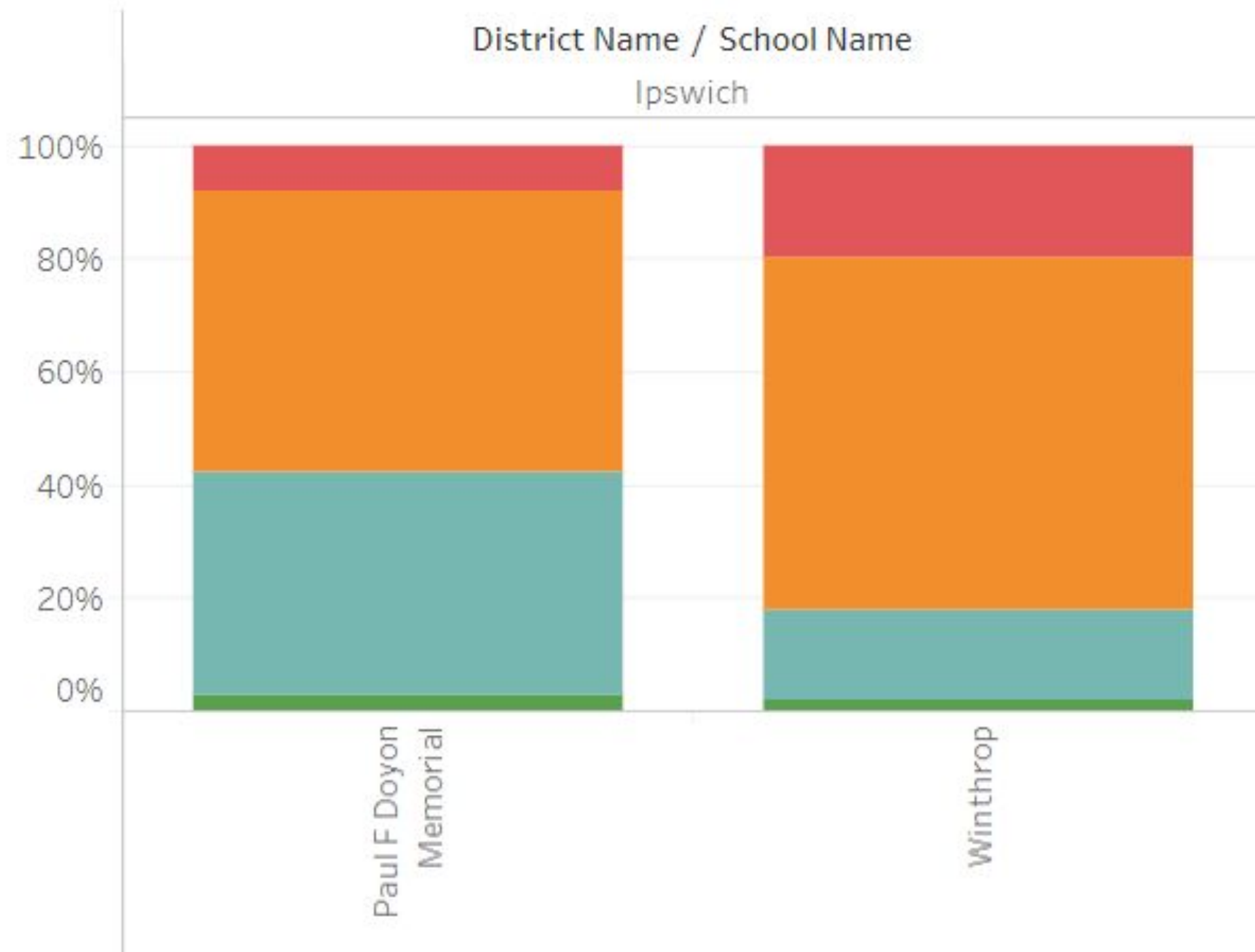
English/Language Arts

Select a Grade

3

Scores

- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations



Select a Subject

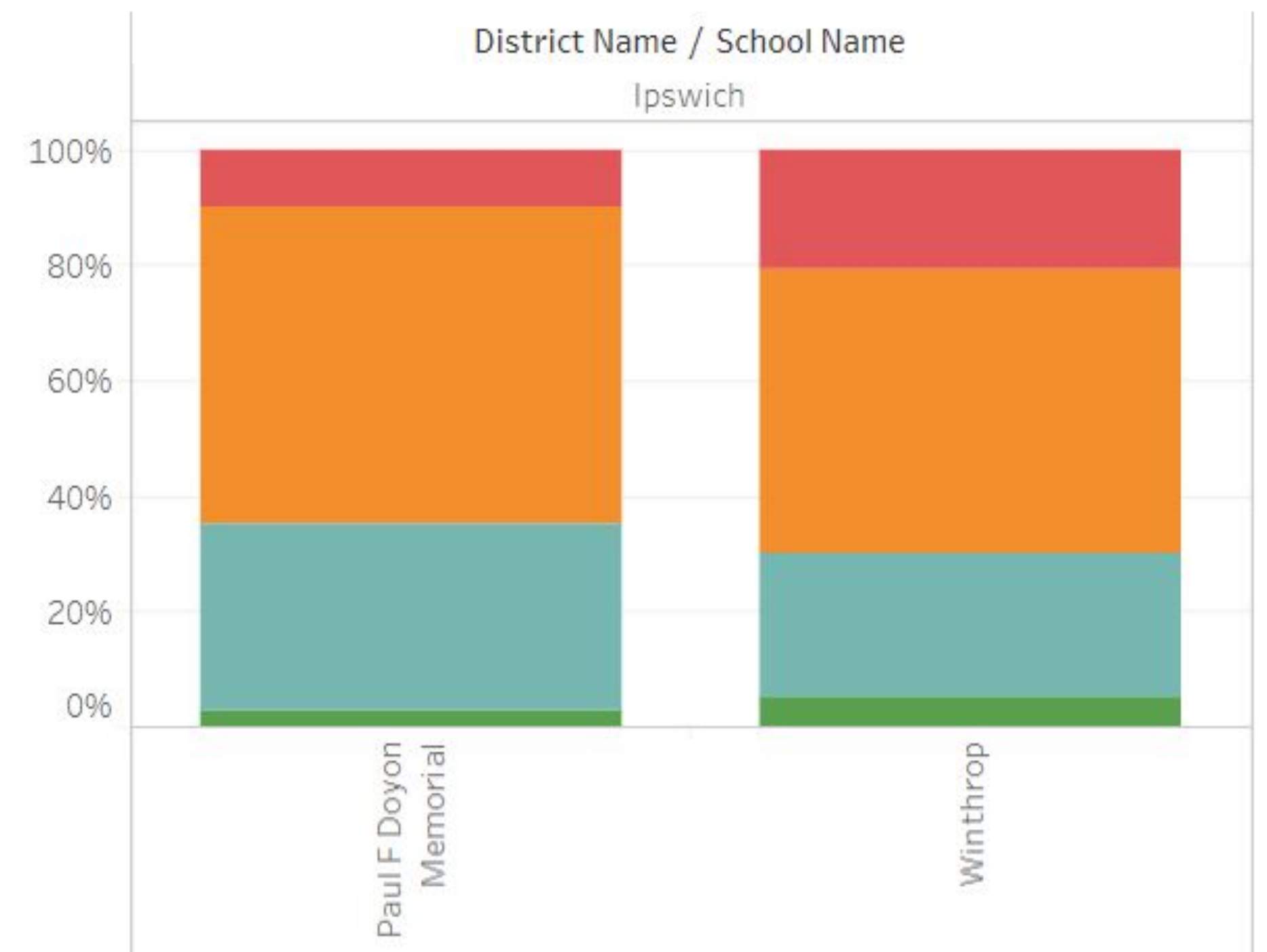
Math

Select a Grade

3

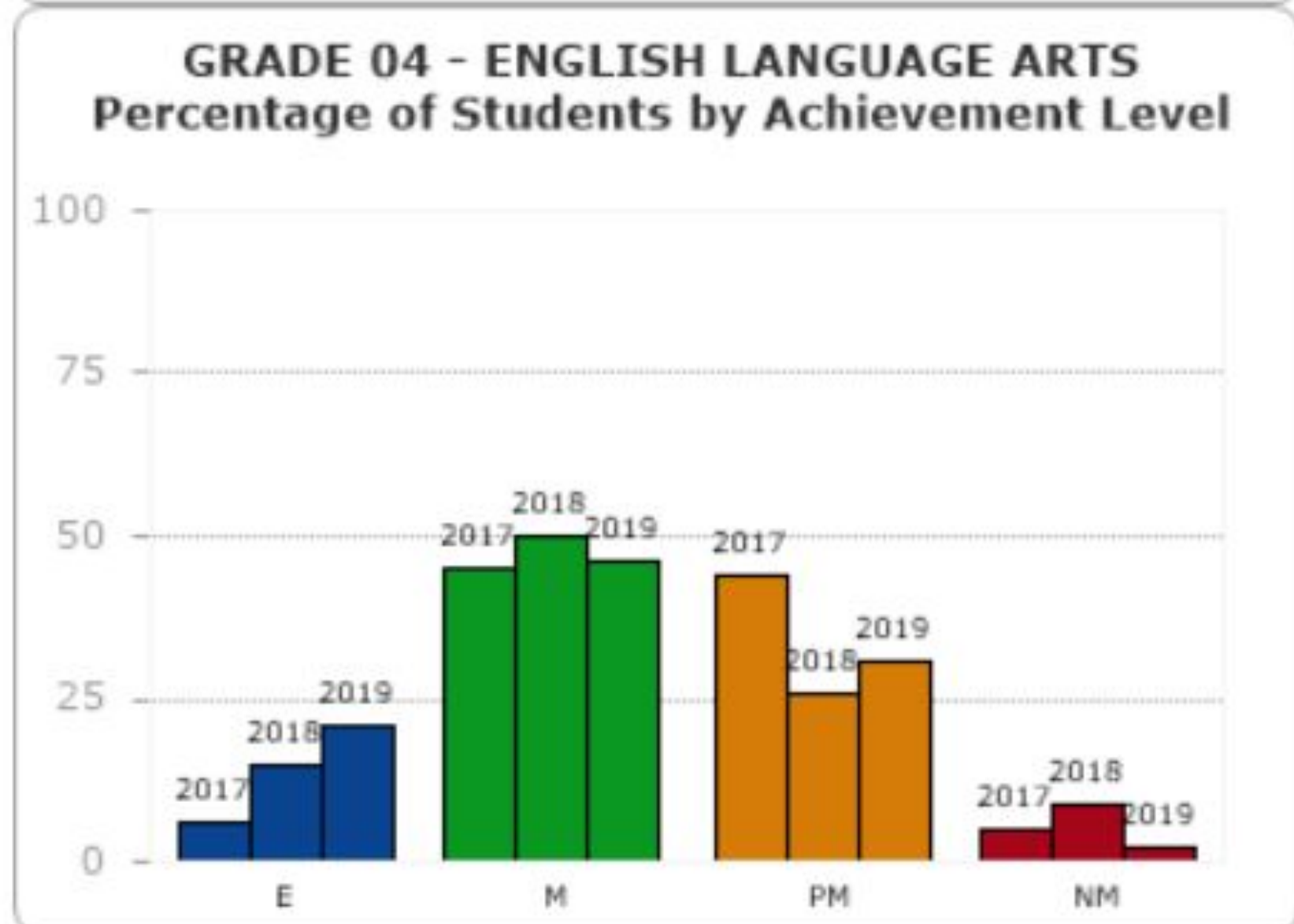
Scores





- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations

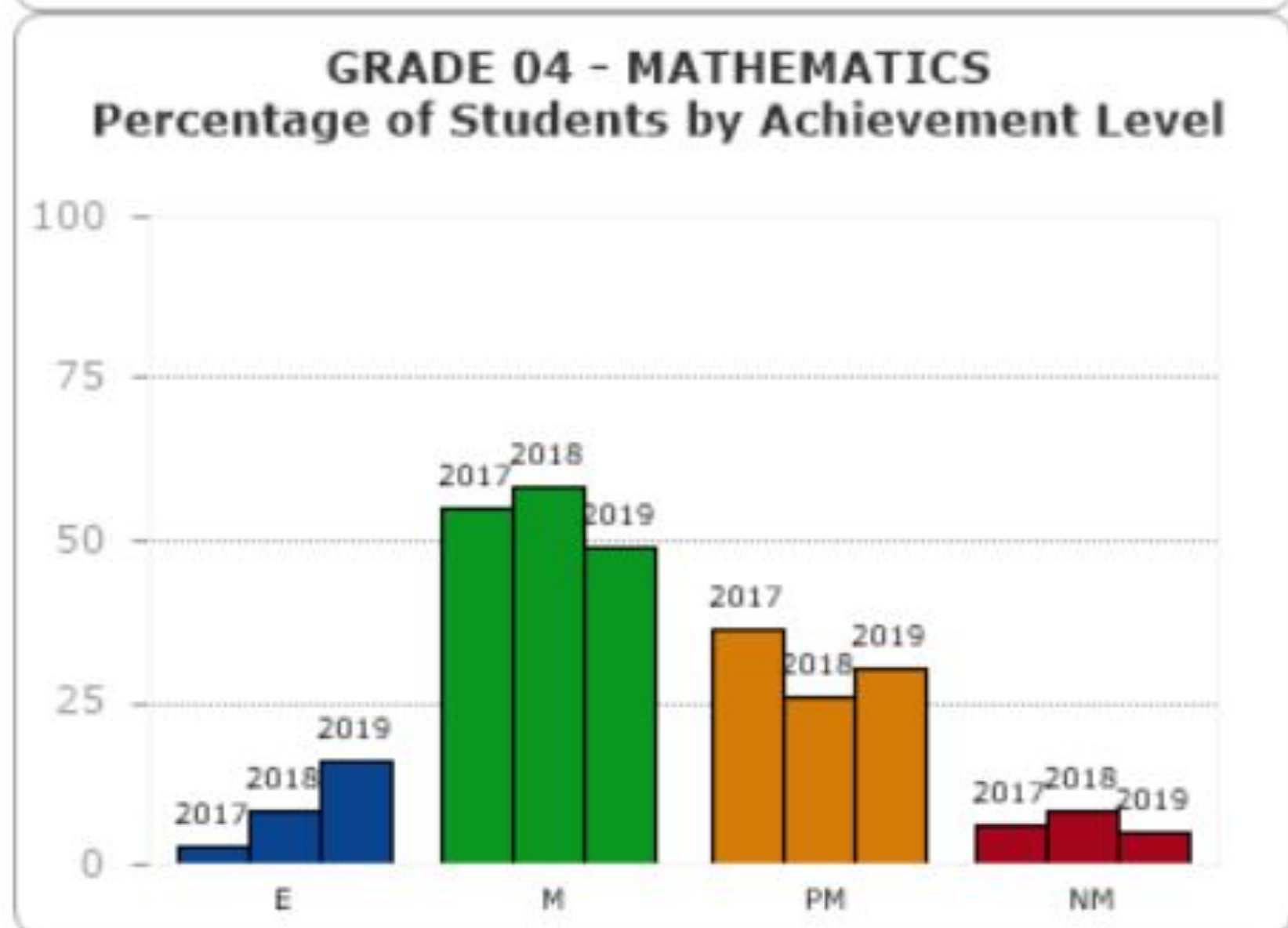




GRADE 04 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	6	15	21
	Meeting Expectations (M)	45	50	46
	Partially Meeting Expectations (PM)	44	26	31
	Not Meeting Expectations (NM)	5	9	2



GRADE 04 - MATHEMATICS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	3	8	16
	Meeting Expectations (M)	55	58	49
	Partially Meeting Expectations (PM)	36	26	30
	Not Meeting Expectations (NM)	6	8	5



# Grade 4 by School

## Select a Subject

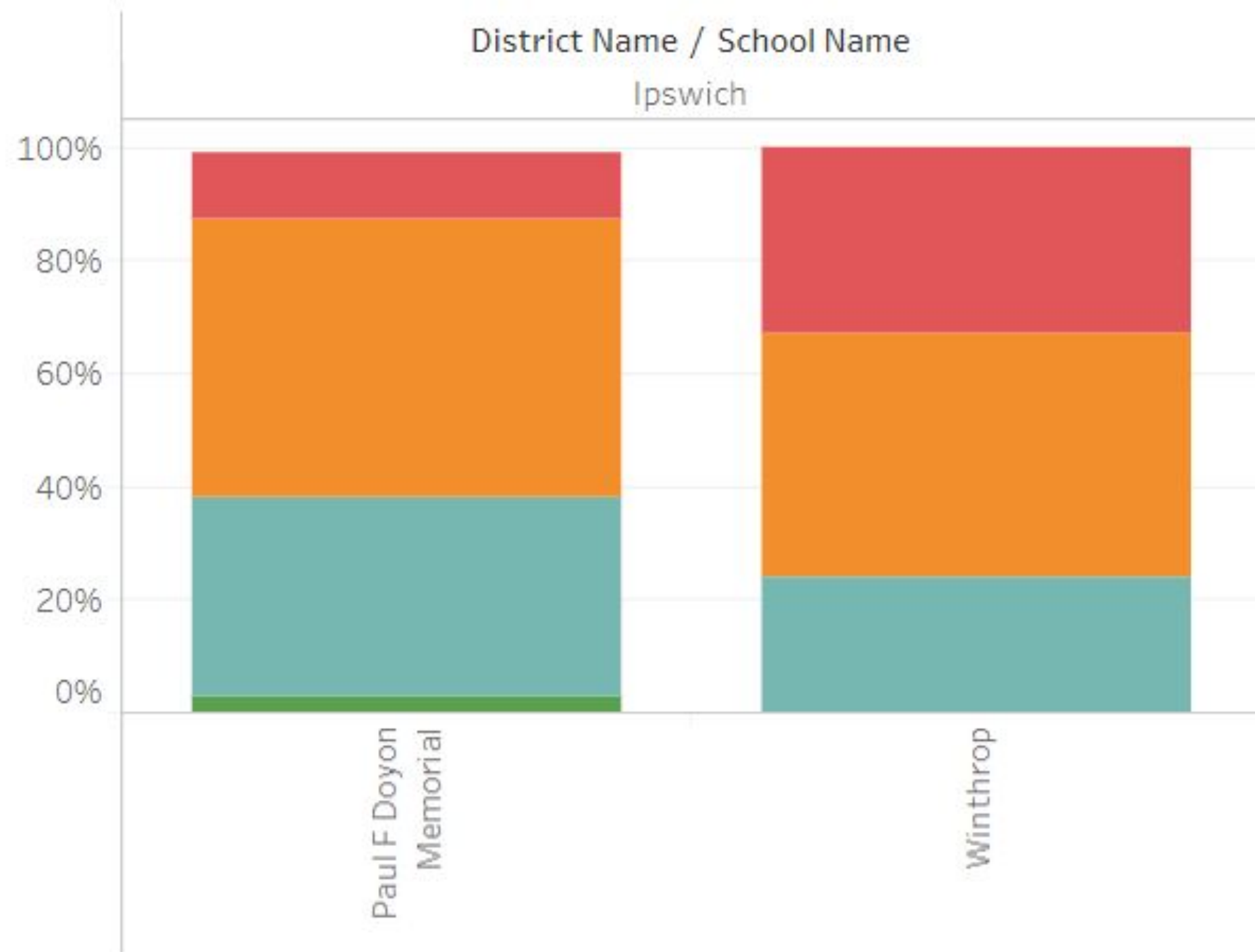
English/Language Arts

## Select a Grade

4

## Scores

- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations



## Select a Subject

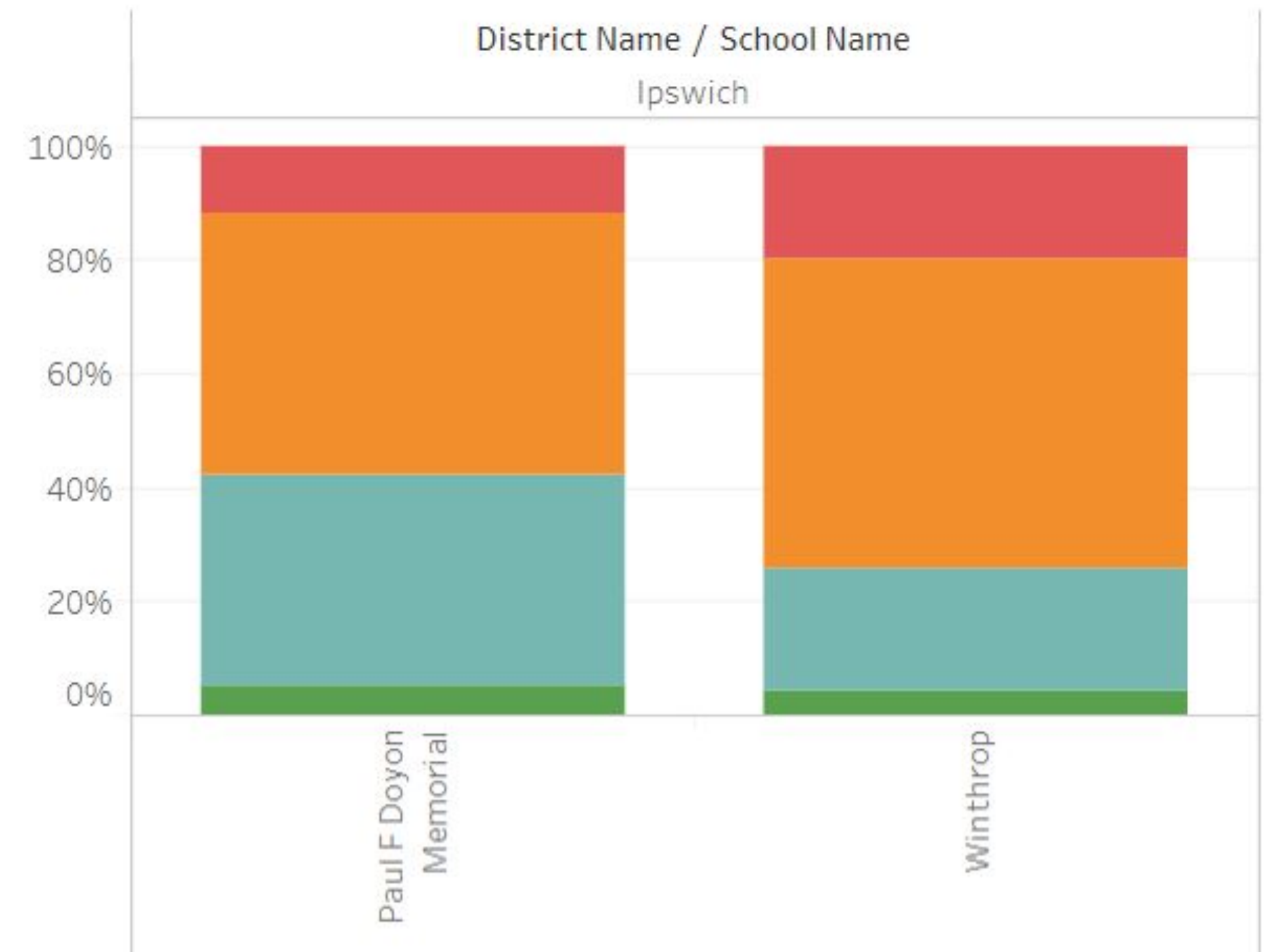
Math

## Select a Grade

4

## Scores

- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations





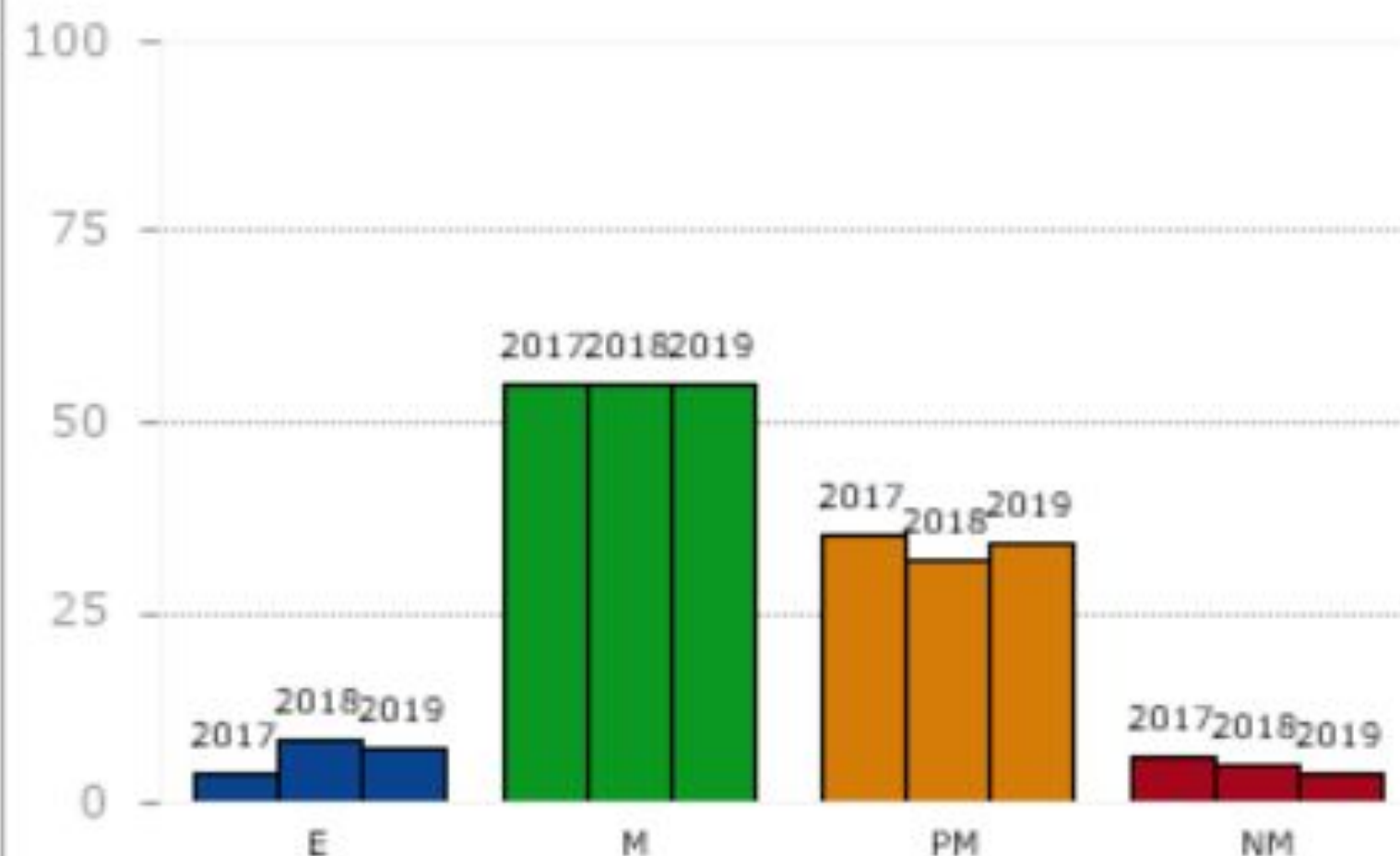
# GRADE 05 - ENGLISH LANGUAGE ARTS

## ACHIEVEMENT LEVEL

2017 2018 2019

Exceeding Expectations (E)	4	8	7
Meeting Expectations (M)	55	55	55
Partially Meeting Expectations (PM)	35	32	34
Not Meeting Expectations (NM)	6	5	4

# GRADE 05 - ENGLISH LANGUAGE ARTS Percentage of Students by Achievement Level



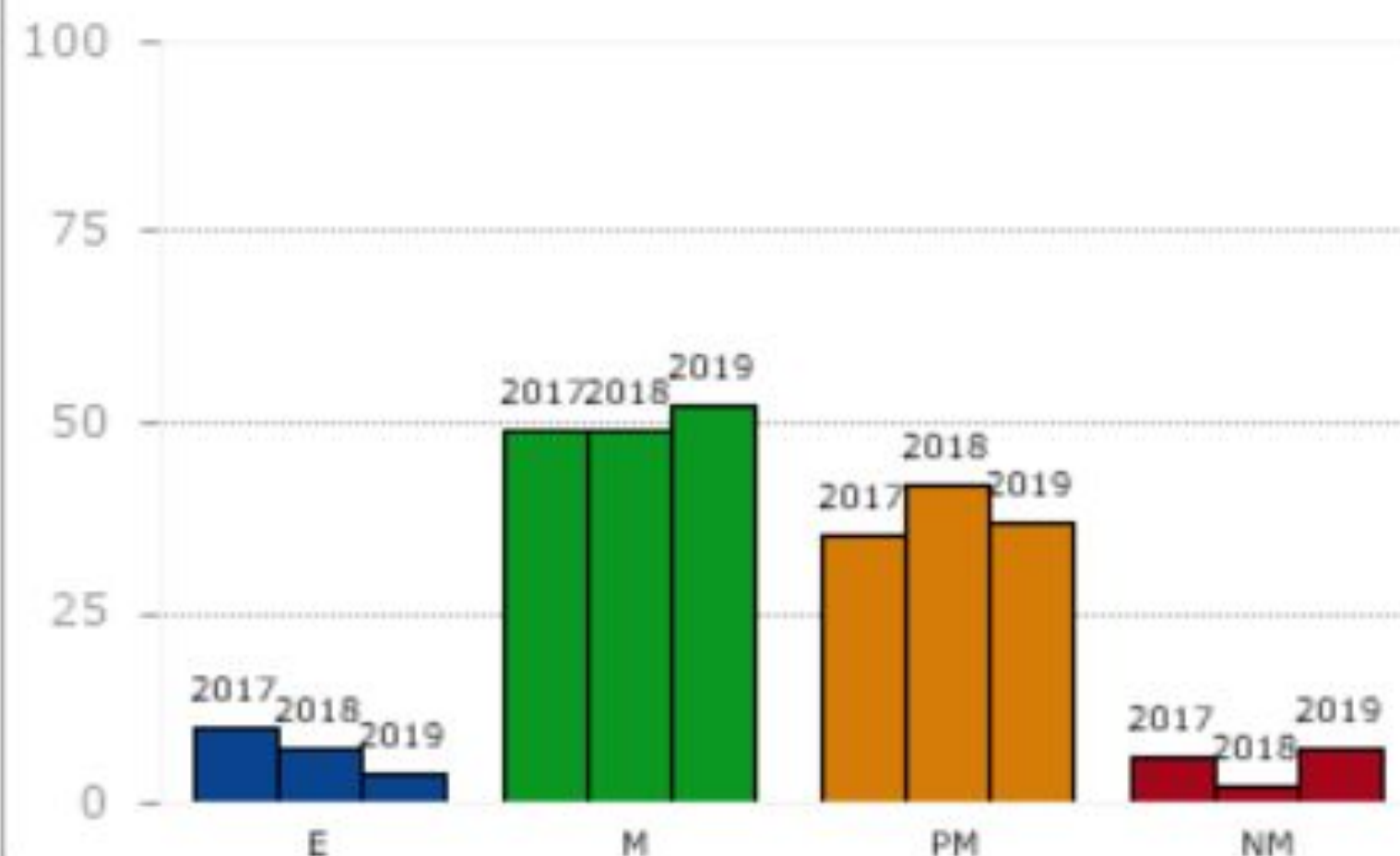
# GRADE 05 - MATHEMATICS

## ACHIEVEMENT LEVEL

2017 2018 2019

Exceeding Expectations (E)	10	7	4
Meeting Expectations (M)	49	49	52
Partially Meeting Expectations (PM)	35	42	37
Not Meeting Expectations (NM)	6	2	7

# GRADE 05 - MATHEMATICS Percentage of Students by Achievement Level





# Grade 5 ELA & Math by School

Select a Subject

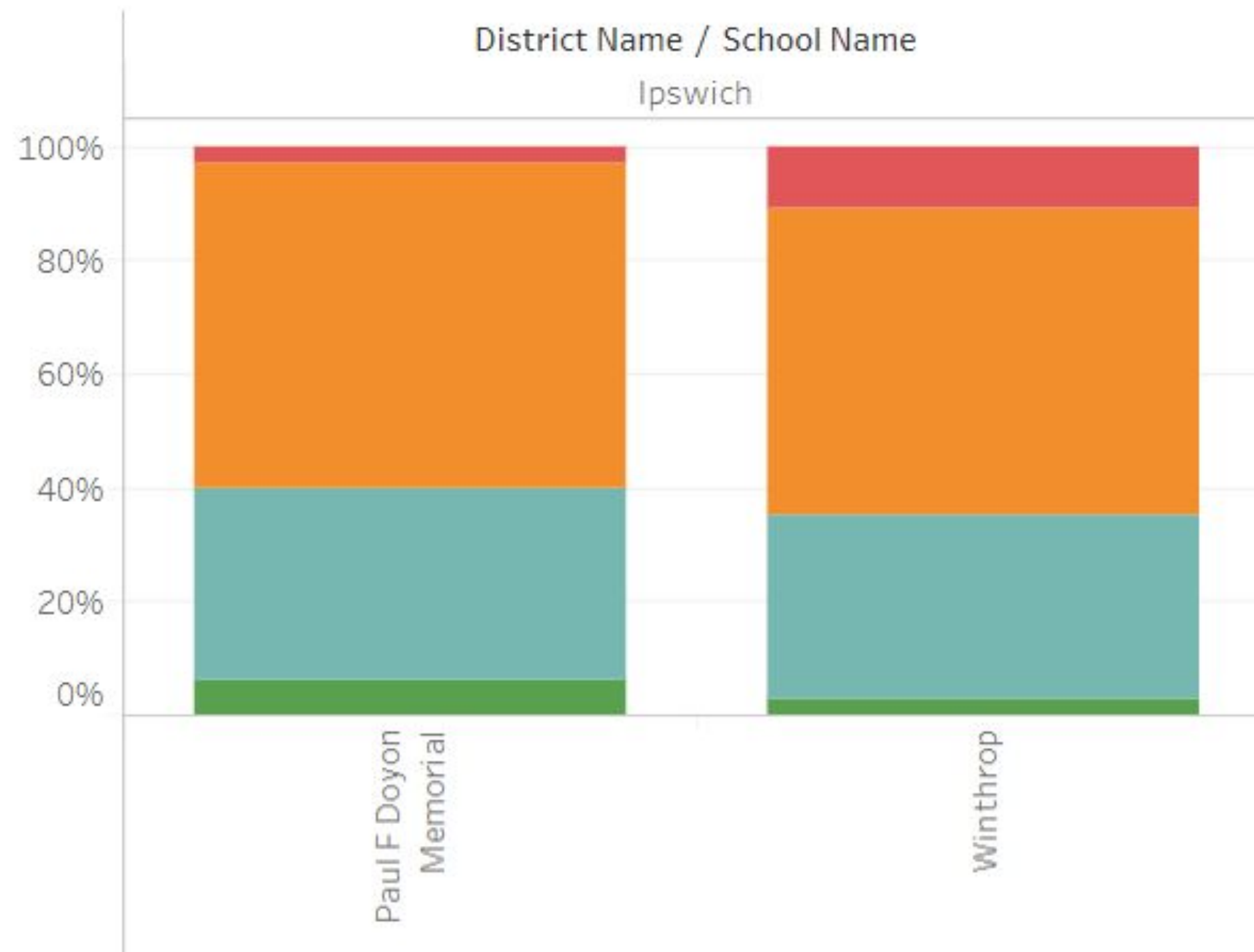
English/Language Arts

Select a Grade

5

Scores

- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations



Select a Subject

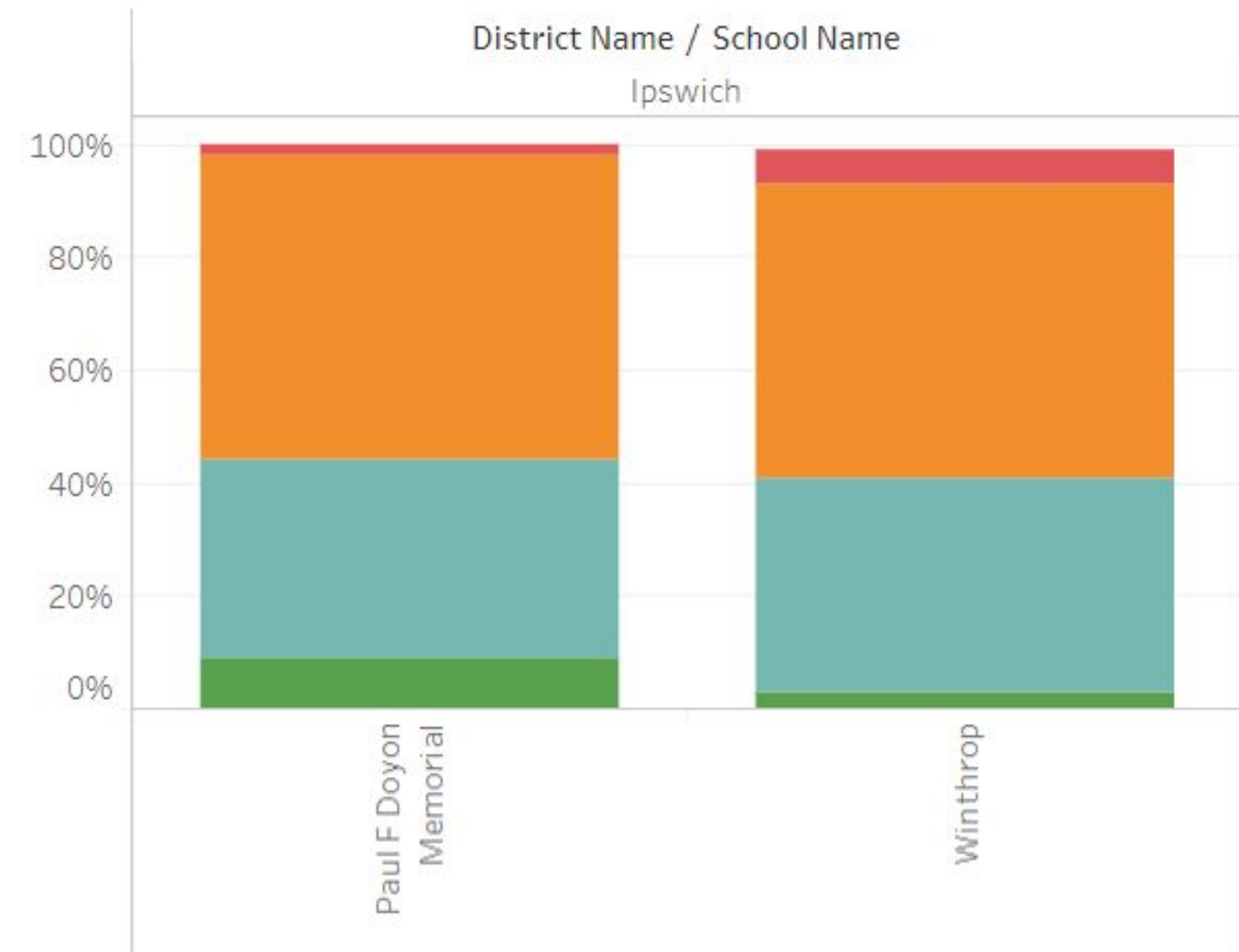
Math

Select a Grade

5

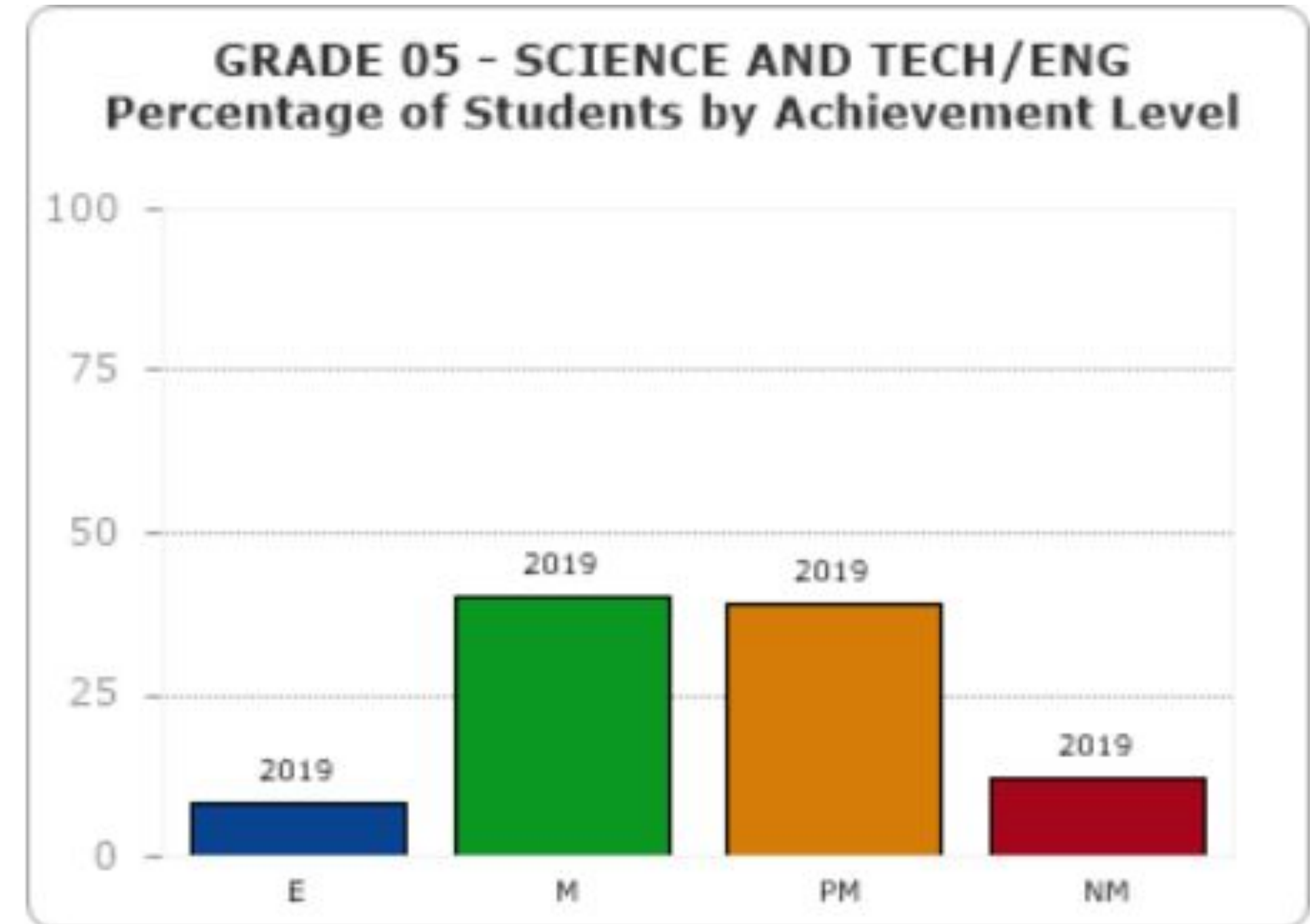
Scores

- Exceeding Expectations
- Meets Expectation
- Partially Meeting Expectations
- Not Meeting Expectations



# Grade 5 STE \*Next Generation\*

GRADE 05 - SCIENCE AND TECH/ENG		2019
ACHIEVEMENT LEVEL		
	Exceeding Expectations (E)	8
	Meeting Expectations (M)	40
	Partially Meeting Expectations (PM)	39
	Not Meeting Expectations (NM)	12





# Grade 5 STE by School

Select a Subject

Science and Technology ▼

Select a Grade

5 ▼

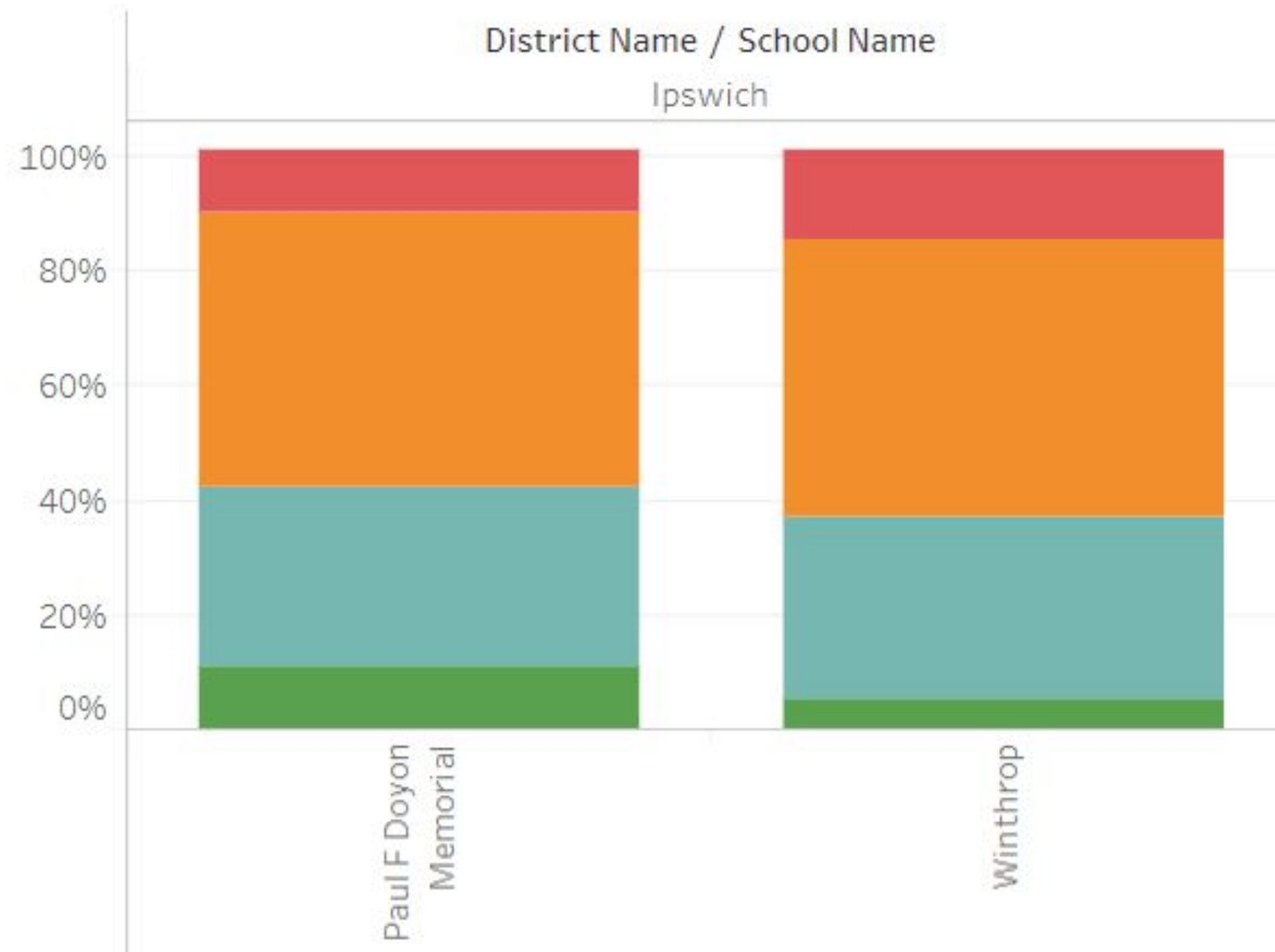
Scores

Exceeding Expectations

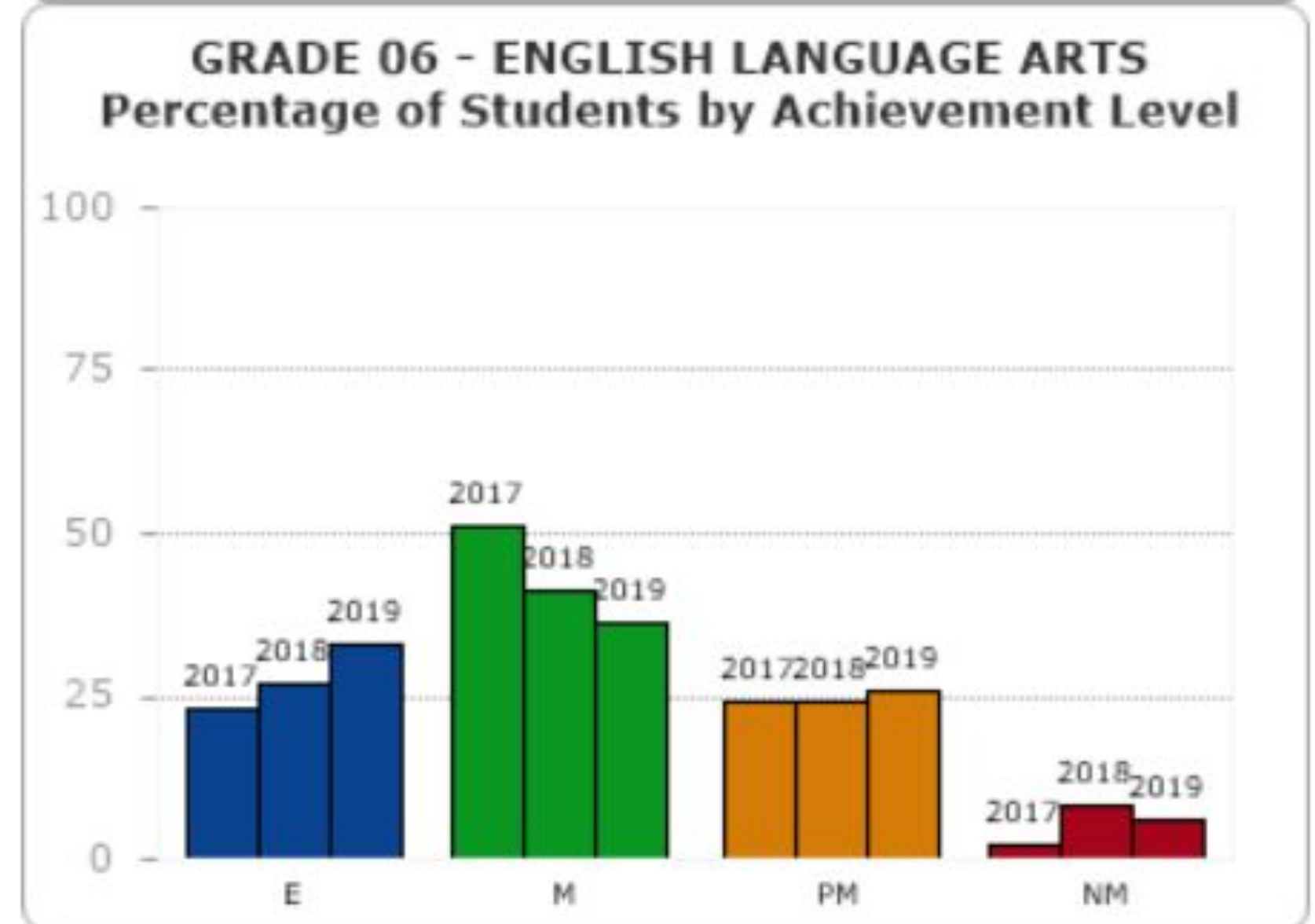
Meets Expectation





Partially Meeting Expectations

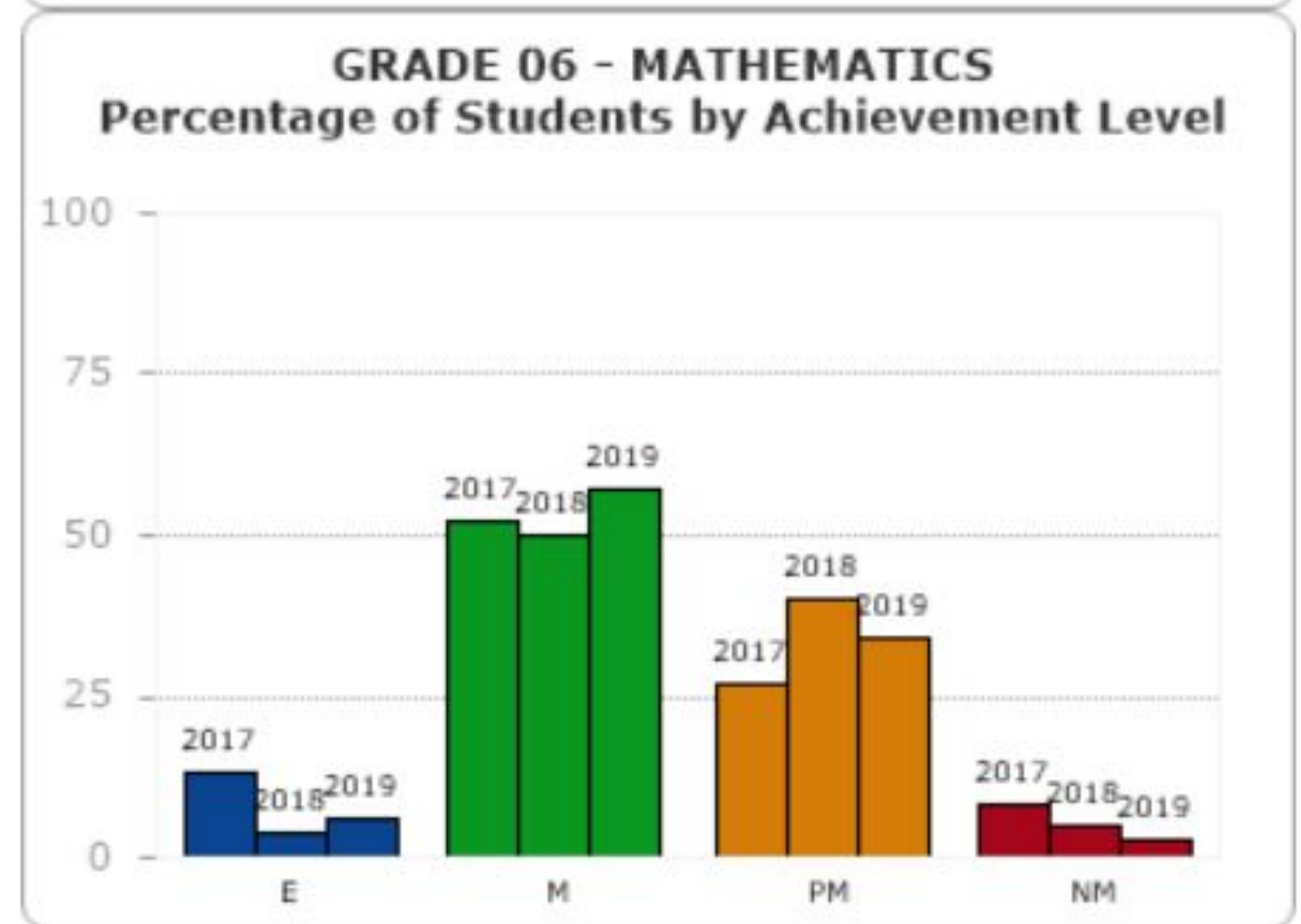
Not Meeting Expectations



GRADE 06 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	23	27	33
	Meeting Expectations (M)	51	41	36
	Partially Meeting Expectations (PM)	24	24	26
	Not Meeting Expectations (NM)	2	8	6



GRADE 06 - MATHEMATICS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	13	4	6
	Meeting Expectations (M)	52	50	57
	Partially Meeting Expectations (PM)	27	40	34
	Not Meeting Expectations (NM)	8	5	3

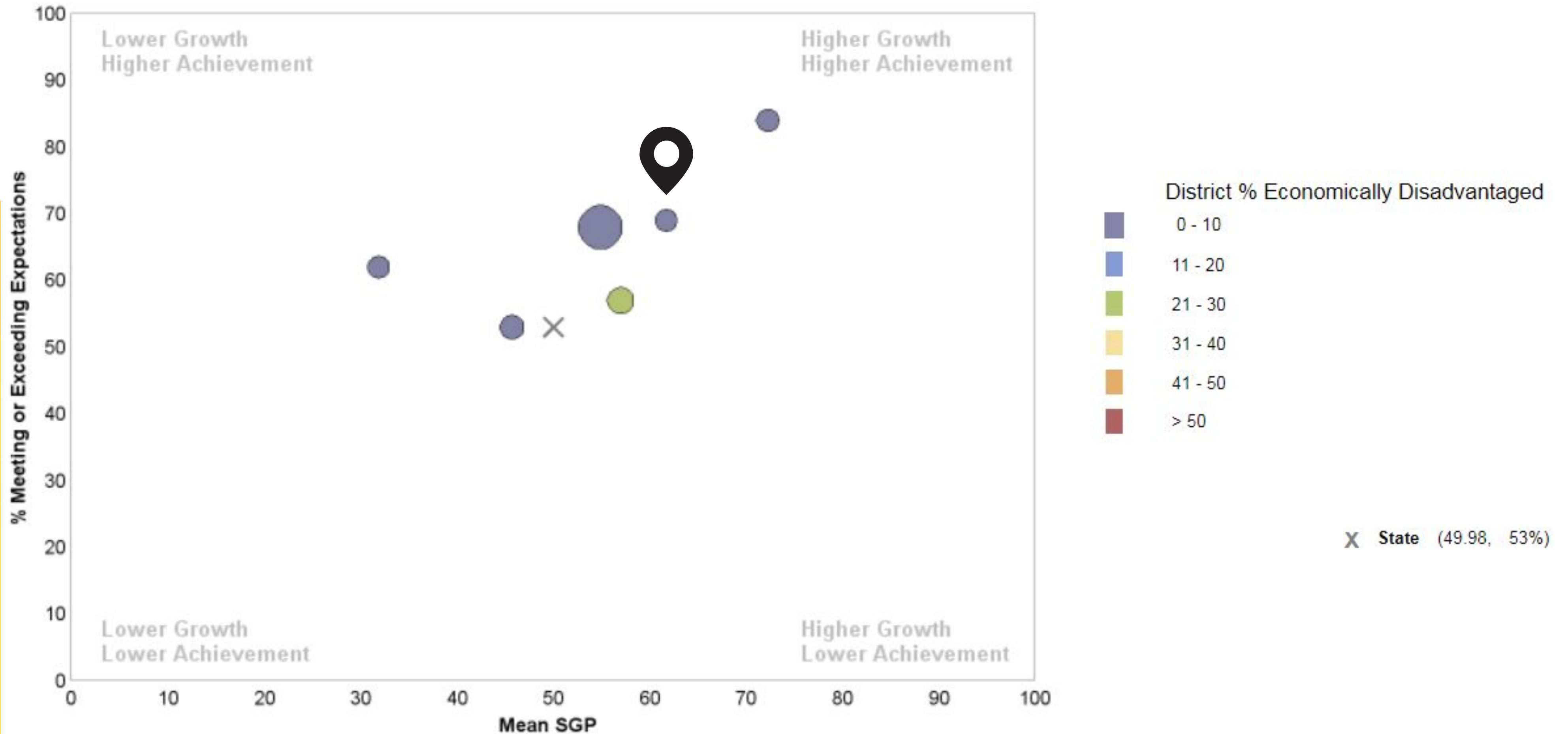




# Grade 6 MCAS Comparisons

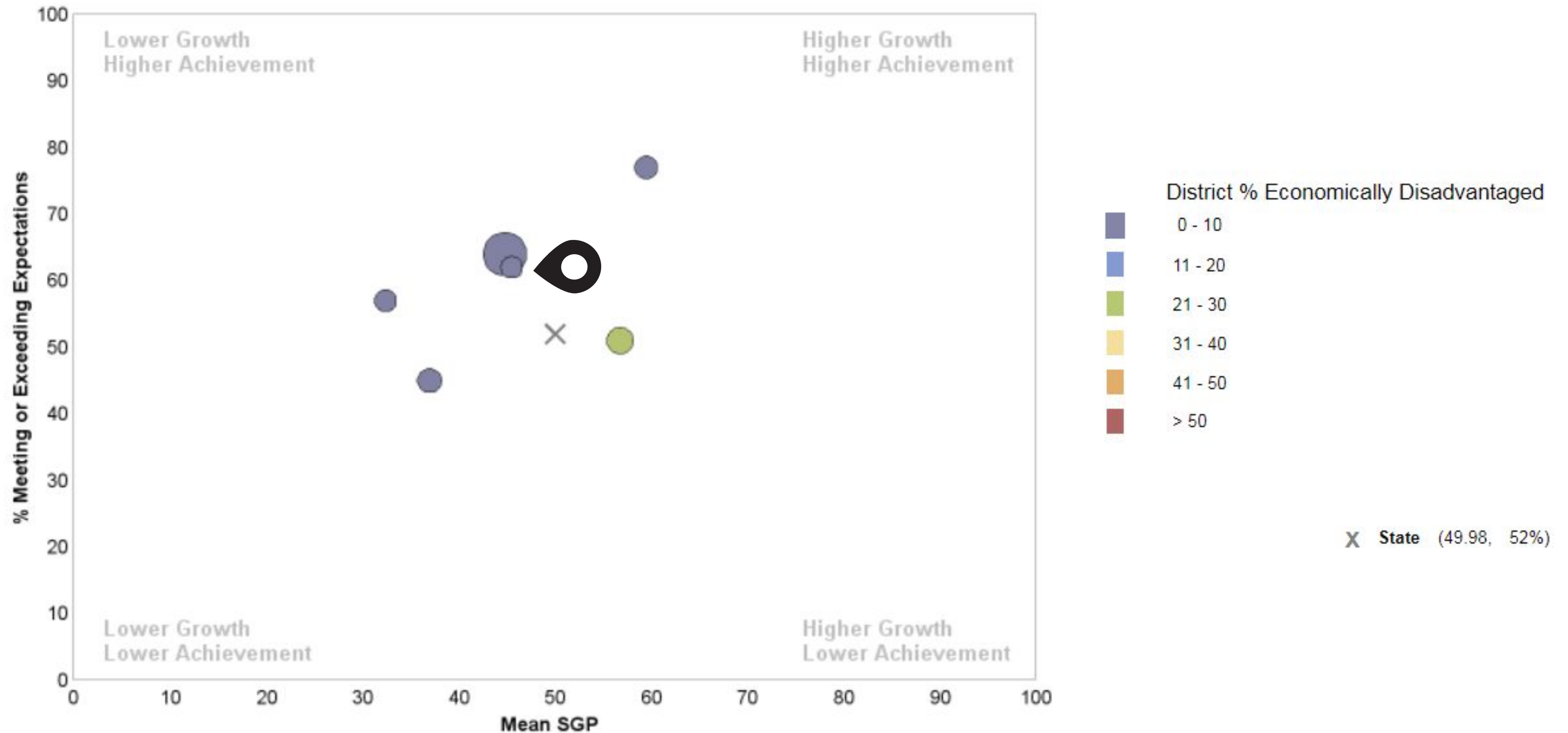
District Name <small>⬆️⬆️</small>	District Code <small>⬆️⬆️</small>	Subject <small>⬆️⬆️</small>	M+E # <small>⬆️⬆️</small>	M+E % <small>⬆️⬆️</small>	E # <small>⬆️⬆️</small>	E % <small>⬆️⬆️</small>	M # <small>⬆️⬆️</small>	M % <small>⬆️⬆️</small>	PM # <small>⬆️⬆️</small>	PM % <small>⬆️⬆️</small>	NM # <small>⬆️⬆️</small>	NM % <small>⬆️⬆️</small>	No. of Students Included <small>⬆️⬆️</small>	Avg. Scaled Score <small>⬆️⬆️</small>	Avg.SGP <small>⬆️⬆️</small>
Andover	00090000	ELA	386	84	115	25	271	59	66	14	7	2	459	518.7	54.9
Andover	00090000	MATH	376	81	132	29	244	53	77	17	10	2	463	518.8	61.7
Hamilton-Wenham	06750000	ELA	129	90	29	20	100	69	13	9	2	1	144	520.4	55.6
Hamilton-Wenham	06750000	MATH	126	88	25	17	101	70	15	10	3	2	144	515.2	62.9
Ipswich	01440000	ELA	95	68	17	12	78	56	40	29	5	4	140	508.6	54.3
Ipswich	01440000	MATH	89	64	24	17	65	47	41	29	9	6	139	509.1	54.0
Manchester Essex Regional	06980000	ELA	99	84	25	21	74	63	17	14	2	2	118	518.1	36.0
Manchester Essex Regional	06980000	MATH	98	81	25	21	73	60	22	18	1	1	121	515.9	65.7
Masconomet	07050000	ELA	219	75	48	16	171	59	70	24	2	1	291	511.9	53.1
Masconomet	07050000	MATH	227	78	70	24	157	54	52	18	12	4	291	515.2	57.2
Newburyport	02040000	ELA	175	83	50	24	125	59	29	14	8	4	212	517.9	51.3
Newburyport	02040000	MATH	171	81	37	18	134	64	31	15	9	4	211	515.2	54.1
Triton	07730000	ELA	102	66	22	14	80	52	43	28	10	6	155	508.4	53.4
Triton	07730000	MATH	93	61	17	11	76	50	51	33	9	6	153	506.9	60.4

# Grade 6 ELA Local Districts





# Grade 6 Math Local Districts



## GRADE 07 - ENGLISH LANGUAGE ARTS

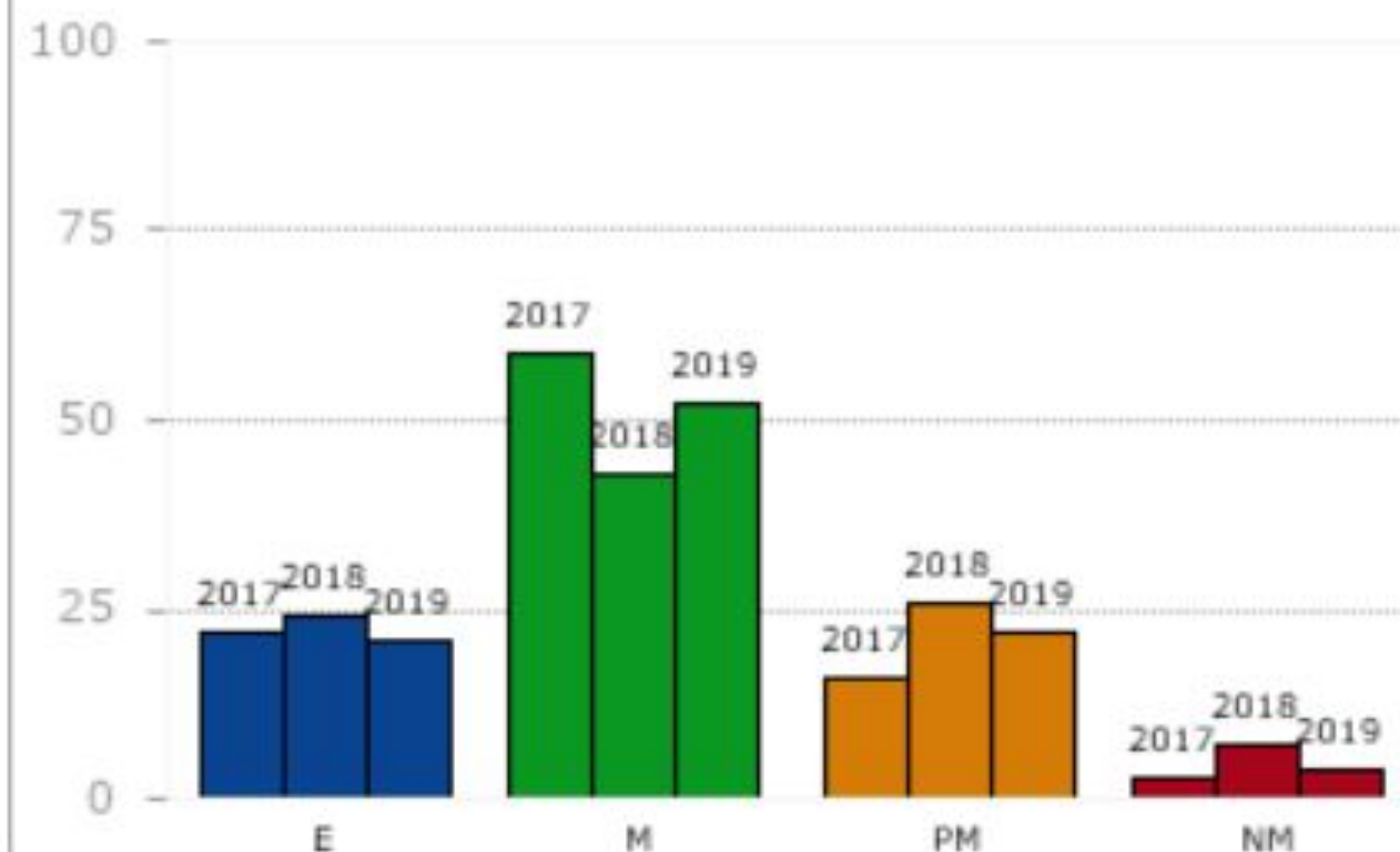
### ACHIEVEMENT LEVEL

2017 2018 2019

Exceeding Expectations (E)	22	24	21
Meeting Expectations (M)	59	43	52
Partially Meeting Expectations (PM)	16	26	22
Not Meeting Expectations (NM)	3	7	4

## GRADE 07 - ENGLISH LANGUAGE ARTS

### Percentage of Students by Achievement Level



## GRADE 07 - MATHEMATICS

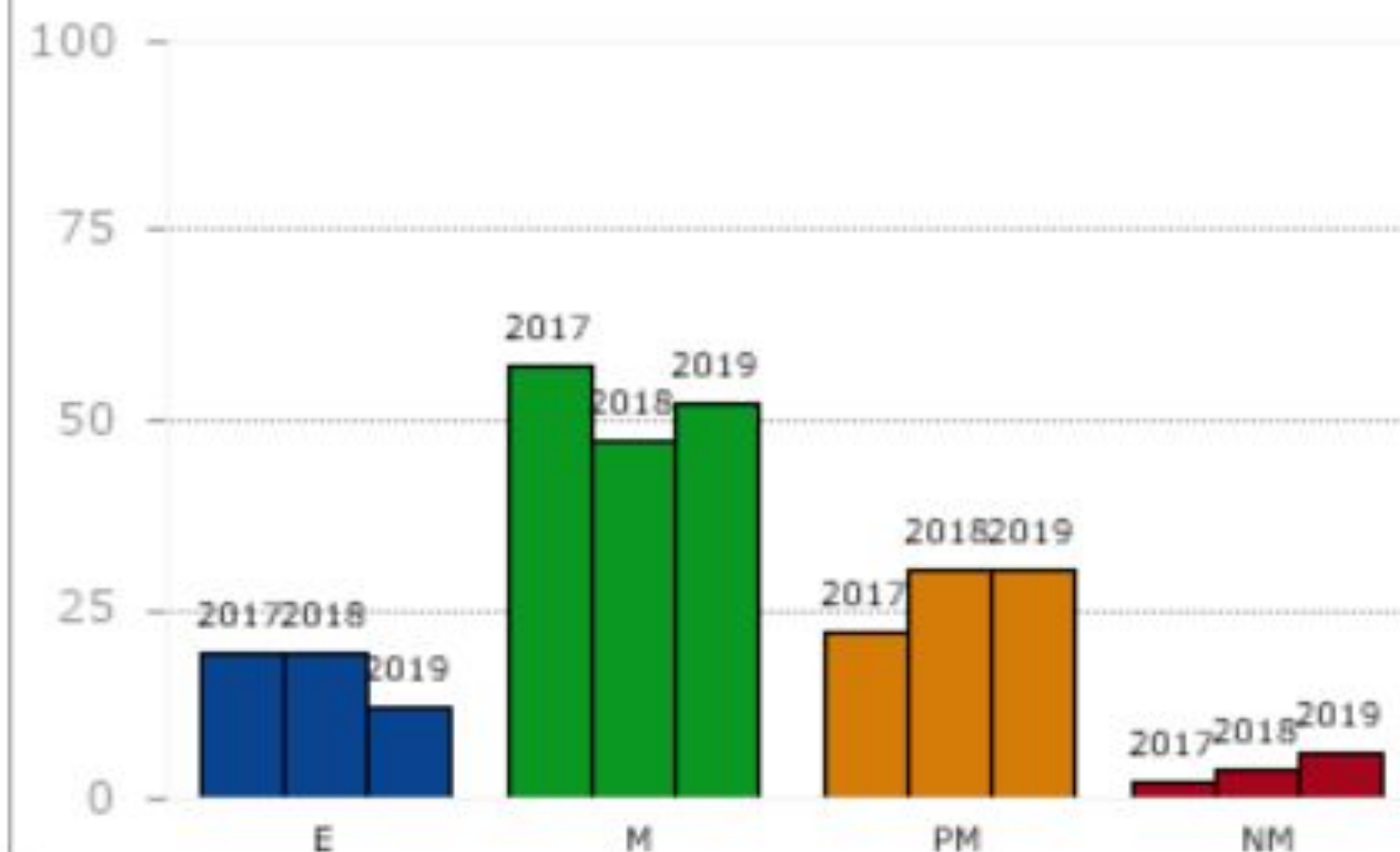
### ACHIEVEMENT LEVEL

2017 2018 2019

Exceeding Expectations (E)	19	19	12
Meeting Expectations (M)	57	47	52
Partially Meeting Expectations (PM)	22	30	30
Not Meeting Expectations (NM)	2	4	6

## GRADE 07 - MATHEMATICS

### Percentage of Students by Achievement Level

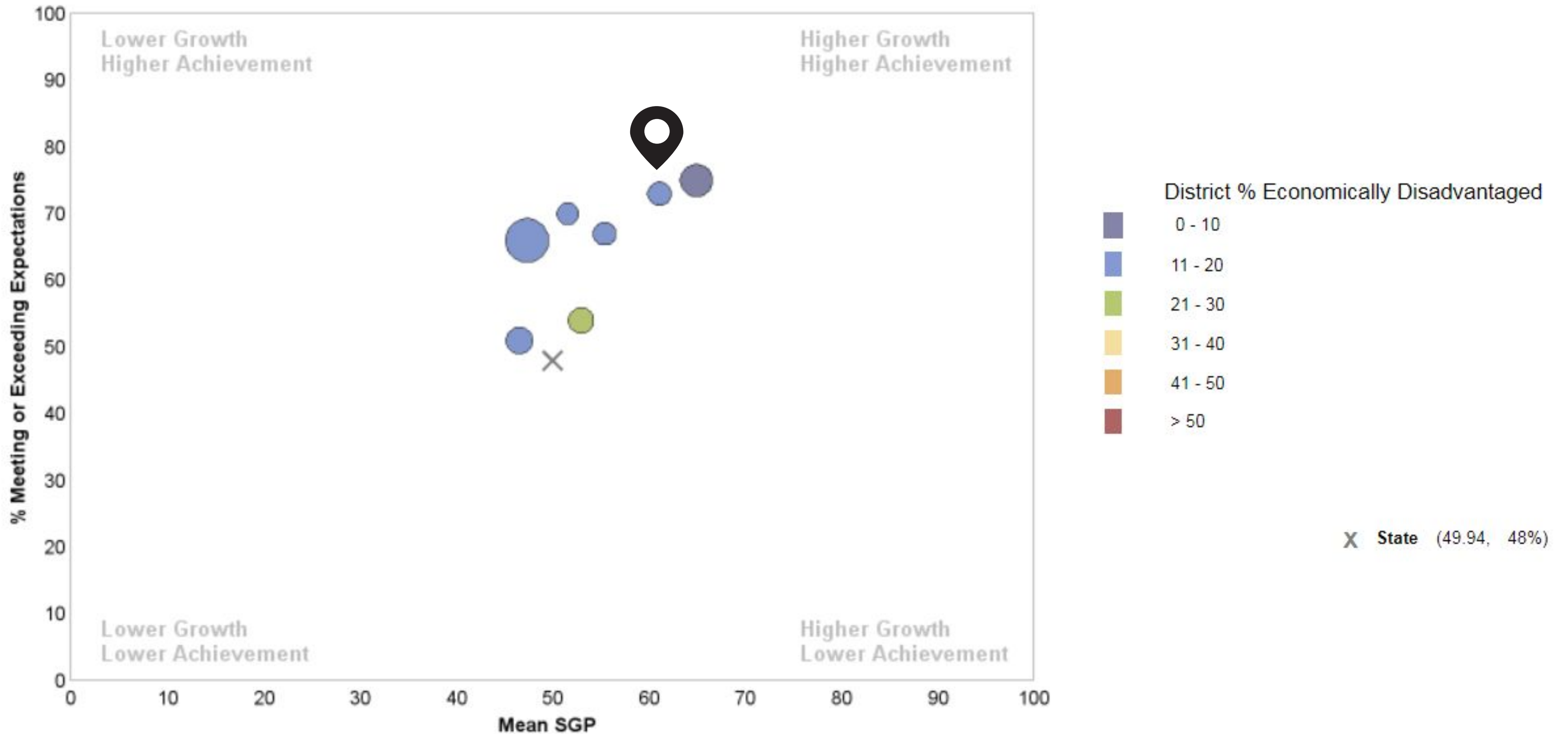




# Grade 7 MCAS Comparisons

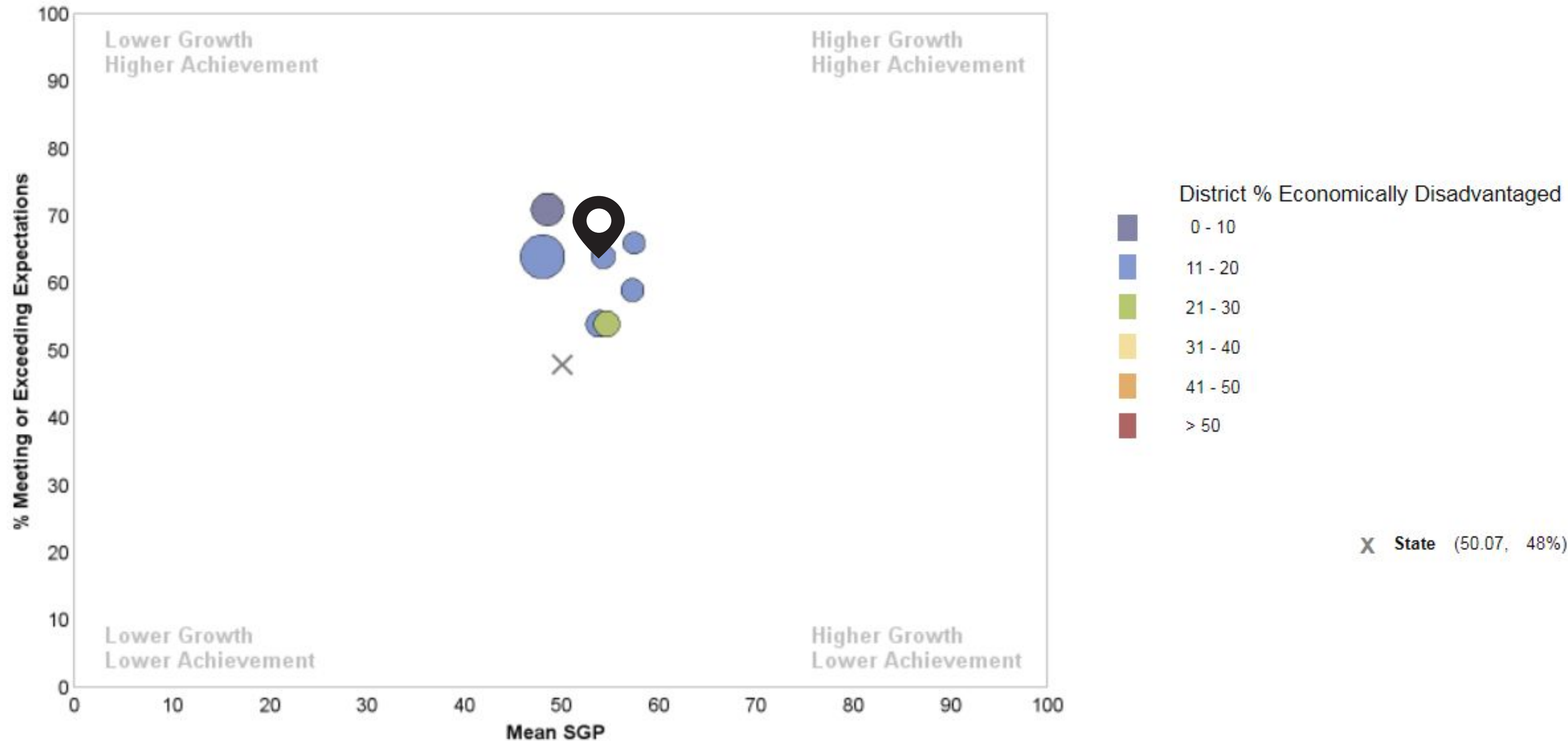
District Name ⬆⬆	District Code ⬆⬆	Subject ⬆⬆	M+E # ⬆⬆	M+E % ⬆⬆	E # ⬆⬆	E % ⬆⬆	M # ⬆⬆	M % ⬆⬆	PM # ⬆⬆	PM % ⬆⬆	NM # ⬆⬆	NM % ⬆⬆	No. of Students Included ⬆⬆	Avg. Scaled Score ⬆⬆	Avg.SGP ⬆⬆
Andover	00090000	ELA	334	66	76	15	258	51	145	28	30	6	509	508.1	47.3
Andover	00090000	MATH	326	64	109	21	217	43	151	30	32	6	509	508.2	48.1
Hamilton-Wenham	06750000	ELA	86	67	27	21	59	46	37	29	5	4	128	512.5	55.4
Hamilton-Wenham	06750000	MATH	76	59	17	13	59	46	45	35	8	6	129	507.0	57.3
Ipswich	01440000	ELA	105	73	30	21	75	52	32	22	6	4	143	514.4	61.1
Ipswich	01440000	MATH	91	64	17	12	74	52	43	30	9	6	143	505.6	54.3
Manchester Essex Regional	06980000	ELA	78	70	10	9	68	61	30	27	3	3	111	509.4	51.6
Manchester Essex Regional	06980000	MATH	74	66	18	16	56	50	32	29	6	5	112	507.8	57.5
Masconomet	07050000	ELA	230	75	60	20	170	56	65	21	11	4	306	514.3	64.9
Masconomet	07050000	MATH	216	71	63	21	153	50	79	26	8	3	303	511.3	48.6
Newburyport	02040000	ELA	101	51	9	5	92	46	83	42	14	7	198	500.3	46.5
Newburyport	02040000	MATH	106	54	17	9	89	45	76	38	16	8	198	500.7	53.9
Triton	07730000	ELA	97	54	16	9	81	45	71	39	13	7	181	502.8	52.9
Triton	07730000	MATH	97	54	22	12	75	41	66	36	18	10	181	501.0	54.7





# Grade 7 ELA Local Districts

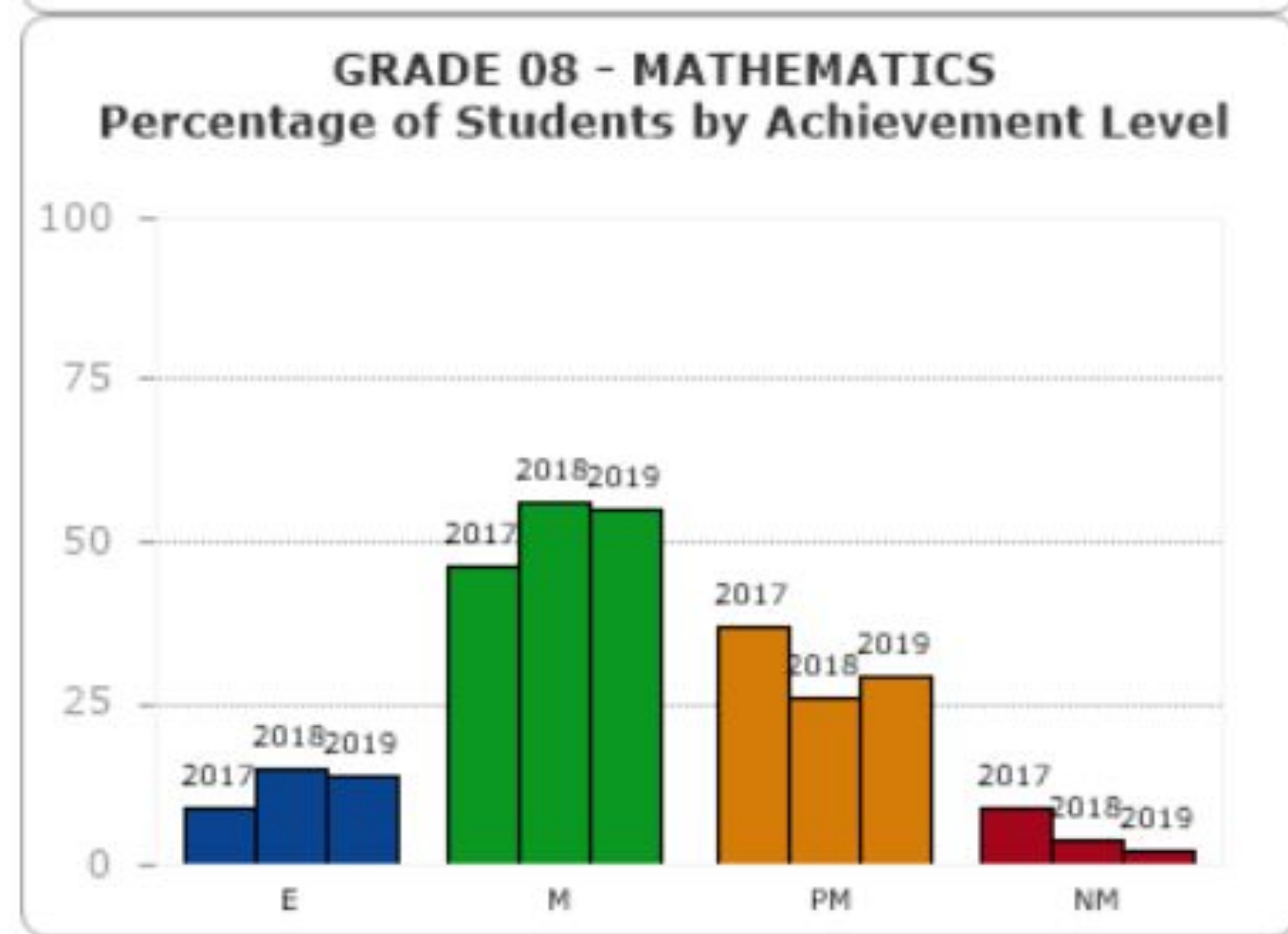





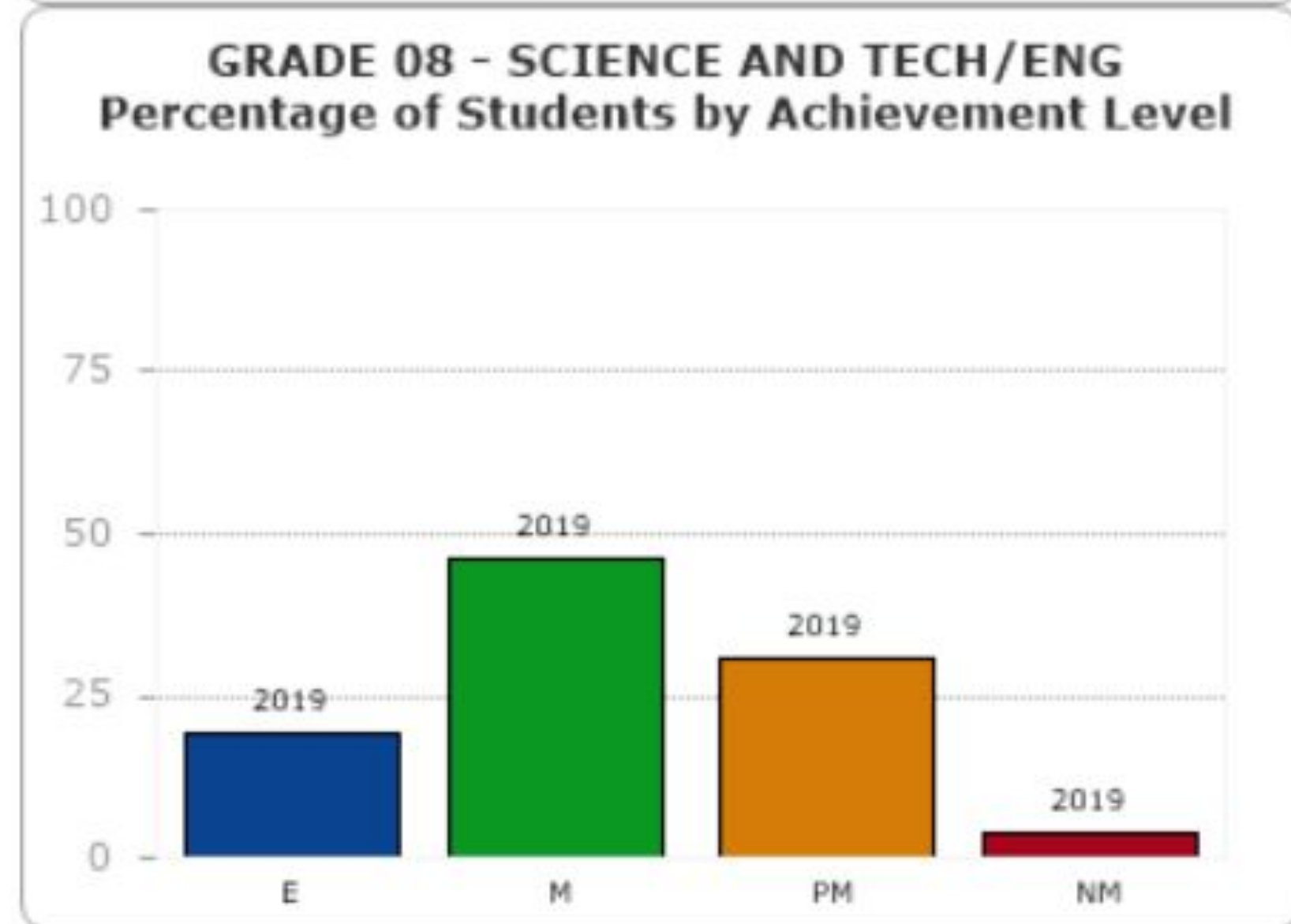
# Grade 7 Math Local Districts



GRADE 08 - MATHEMATICS				
ACHIEVEMENT LEVEL		2017	2018	2019
	Exceeding Expectations (E)	9	15	14
	Meeting Expectations (M)	46	56	55
	Partially Meeting Expectations (PM)	37	26	29
	Not Meeting Expectations (NM)	9	4	2



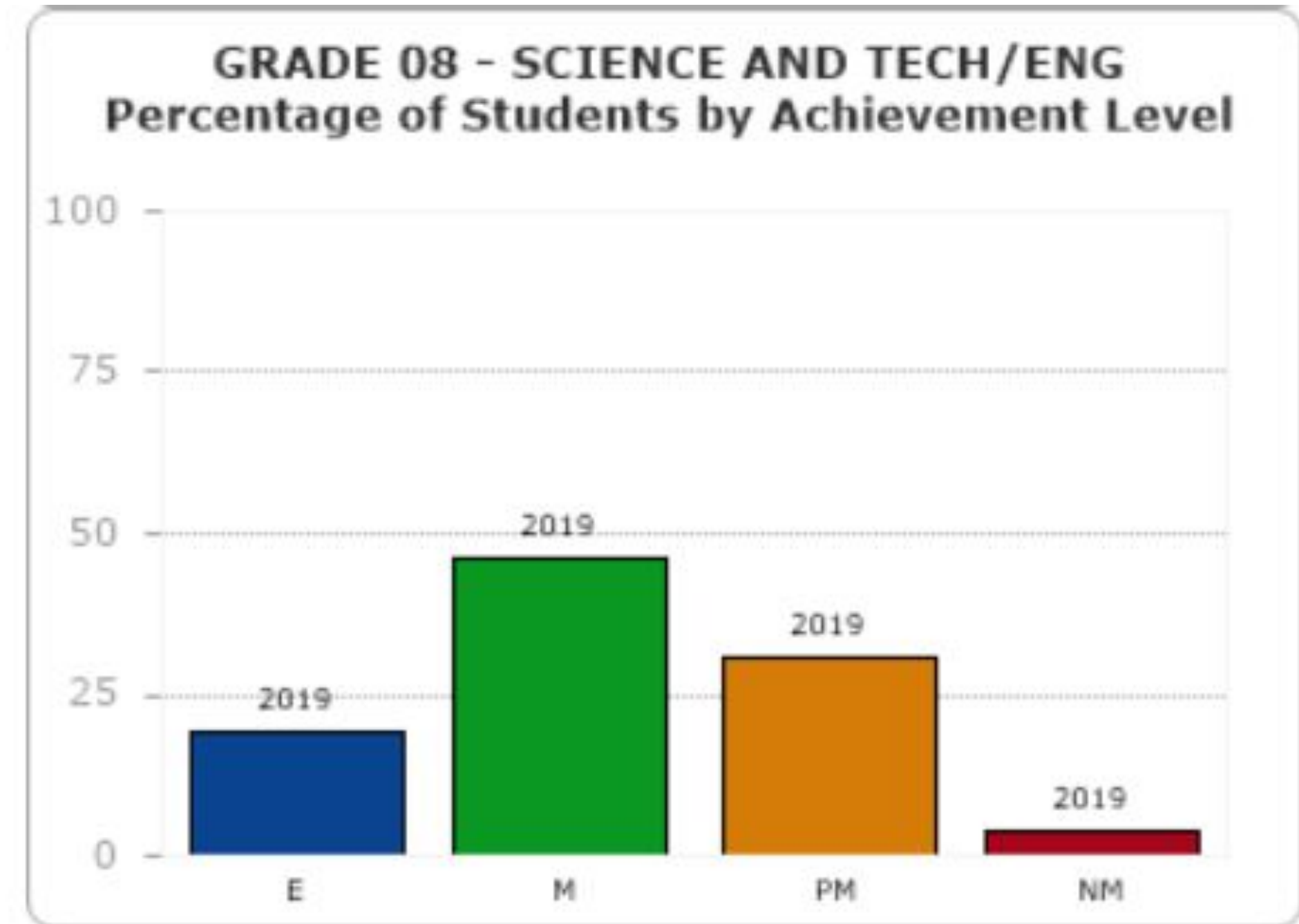
GRADE 08 - SCIENCE AND TECH/ENG		
ACHIEVEMENT LEVEL		2019
	Exceeding Expectations (E)	19
	Meeting Expectations (M)	46
	Partially Meeting Expectations (PM)	31
	Not Meeting Expectations (NM)	4





# Grade 8 STE: *Next Generation*

GRADE 08 - SCIENCE AND TECH/ENG	
ACHIEVEMENT LEVEL	2019
Exceeding Expectations (E)	19
Meeting Expectations (M)	46
Partially Meeting Expectations (PM)	31
Not Meeting Expectations (NM)	4



# Grade 8 MCAS Comparisons

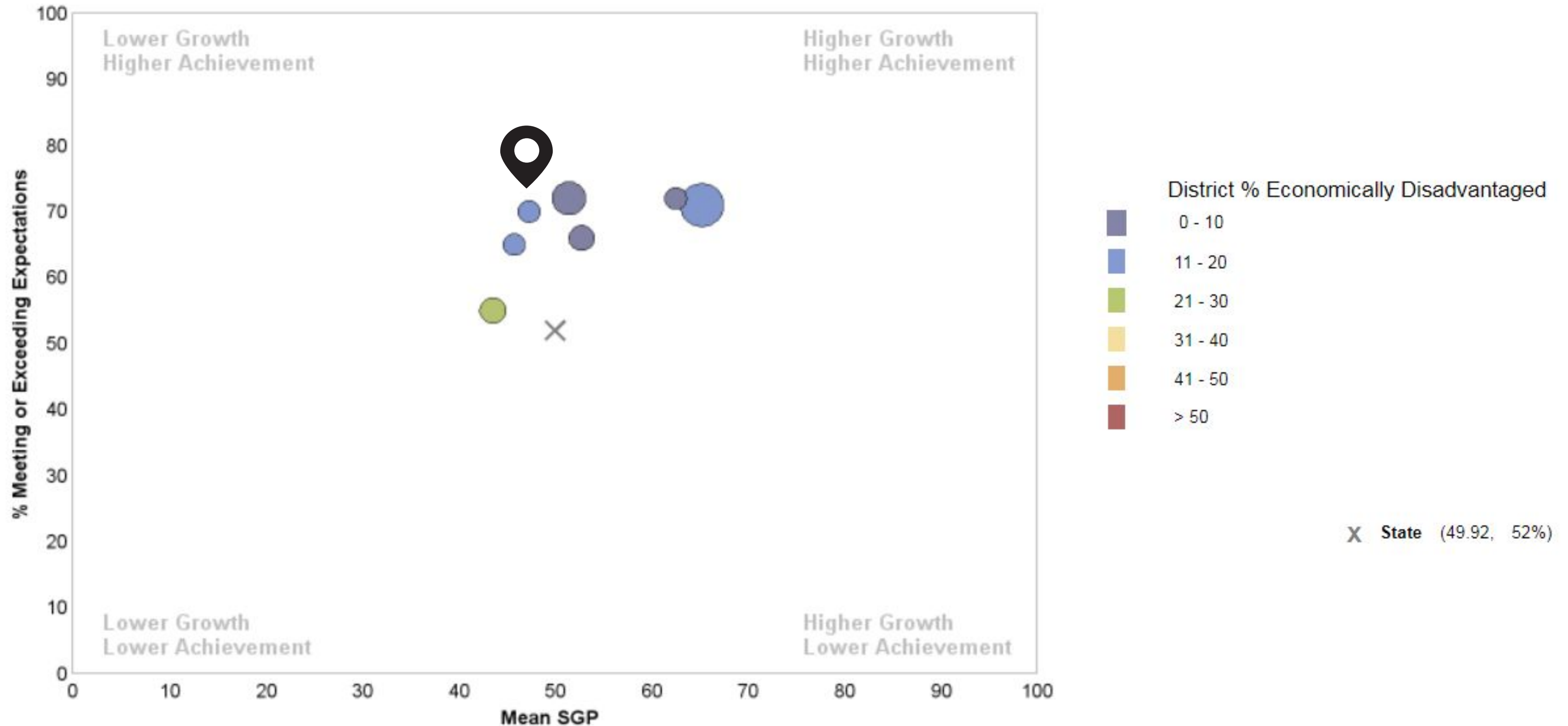
District Name ⬆⬆	District Code ⬆⬆	Subject ⬆⬆	M+E # ⬆⬆	M+E % ⬆⬆	E # ⬆⬆	E % ⬆⬆	M # ⬆⬆	M % ⬆⬆	PM # ⬆⬆	PM % ⬆⬆	NM # ⬆⬆	NM % ⬆⬆	No. of Students Included ⬆⬆	Avg. Scaled Score ⬆⬆	Avg.SGP ⬆⬆
Andover	00090000	ELA	363	71	102	20	261	51	125	25	20	4	508	511.1	65.2
Andover	00090000	MATH	322	64	111	22	211	42	154	30	29	6	505	509.8	57.9
Andover	00090000	SCI	357	71	87	17	270	53	134	27	14	3	505	510.5	
<a href="#">Hamilton-Wenham</a>	06750000	ELA	97	72	39	29	58	43	32	24	5	4	134	515.5	62.5
Hamilton-Wenham	06750000	MATH	95	71	14	10	81	60	33	25	6	4	134	510.3	60.4
Hamilton-Wenham	06750000	SCI	97	73	16	12	81	61	30	23	6	5	133	509.9	
Ipswich	01440000	ELA	95	70	33	24	62	46	35	26	6	4	136	512.4	47.3
Ipswich	01440000	MATH	94	69	19	14	75	55	39	29	3	2	136	508.5	48.8
Ipswich	01440000	SCI	87	64	25	19	62	46	42	31	6	4	135	508.8	
Manchester Essex Regional	06980000	ELA	85	65	13	10	72	55	42	32	4	3	131	504.9	45.7
Manchester Essex Regional	06980000	MATH	75	58	7	5	68	52	50	38	5	4	130	502.6	37.4
Manchester Essex Regional	06980000	SCI	75	58	9	7	66	51	53	41	2	2	130	504.5	



# Grade 8 ELA & Math MCAS Comparisons

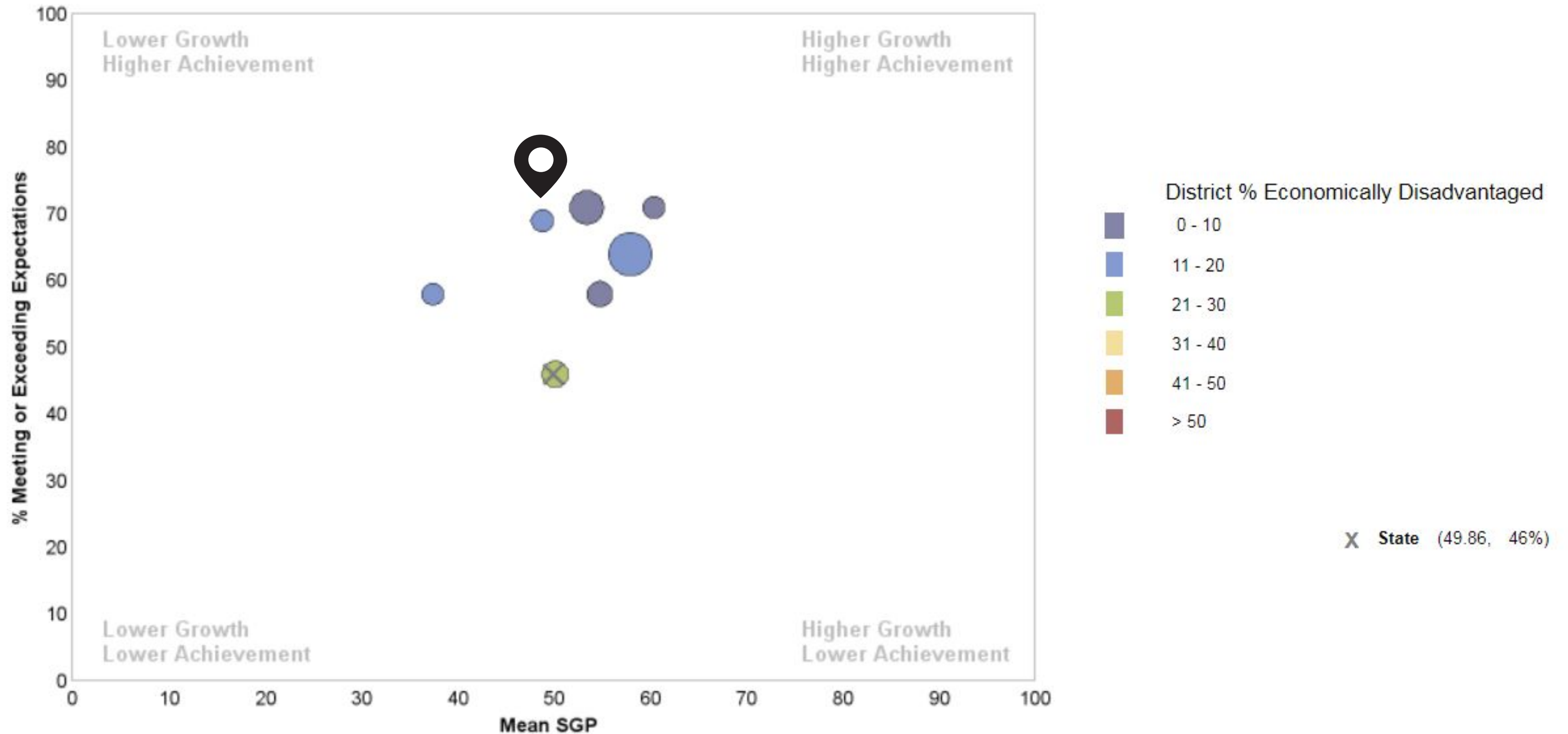
District Name ⬆⬆	District Code ⬆⬆	Subject ⬆⬆	M+E # ⬆⬆	M+E % ⬆⬆	E # ⬆⬆	E % ⬆⬆	M # ⬆⬆	M % ⬆⬆	PM # ⬆⬆	PM % ⬆⬆	NM # ⬆⬆	NM % ⬆⬆	No. of Students Included ⬆⬆	Avg. Scaled Score ⬆⬆	Avg.SGP ⬆⬆
Masconomet	07050000	ELA	243	72	61	18	182	54	82	24	11	3	336	511.3	51.4
Masconomet	07050000	MATH	239	71	41	12	198	59	88	26	9	3	336	509.4	53.4
Masconomet	07050000	SCI	269	80	95	28	174	52	59	18	7	2	335	517.3	
Newburyport	02040000	ELA	127	66	23	12	104	54	55	28	11	6	193	505.6	52.7
Newburyport	02040000	MATH	112	58	27	14	85	44	70	36	10	5	192	504.9	54.7
Newburyport	02040000	SCI	117	61	20	10	97	51	66	34	9	5	192	505.0	
Triton	07730000	ELA	112	55	12	6	100	49	75	37	16	8	203	501.1	43.5
Triton	07730000	MATH	94	46	7	3	87	42	96	47	15	7	205	498.8	50.1
Triton	07730000	SCI	126	61	16	8	110	54	70	34	9	4	205	504.0	

# Grade 8 ELA Local Districts





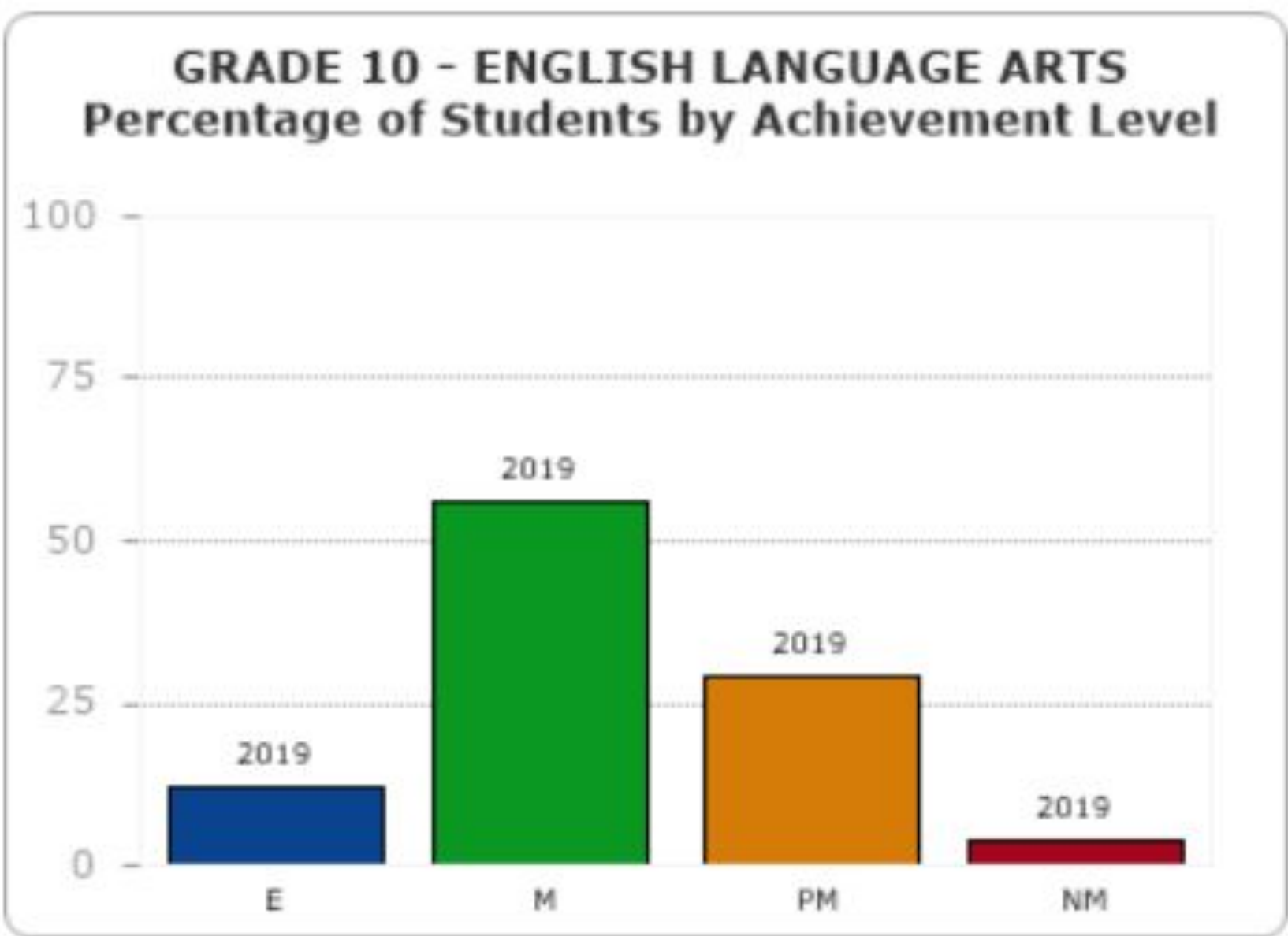
# Grade 8 Math Local Districts



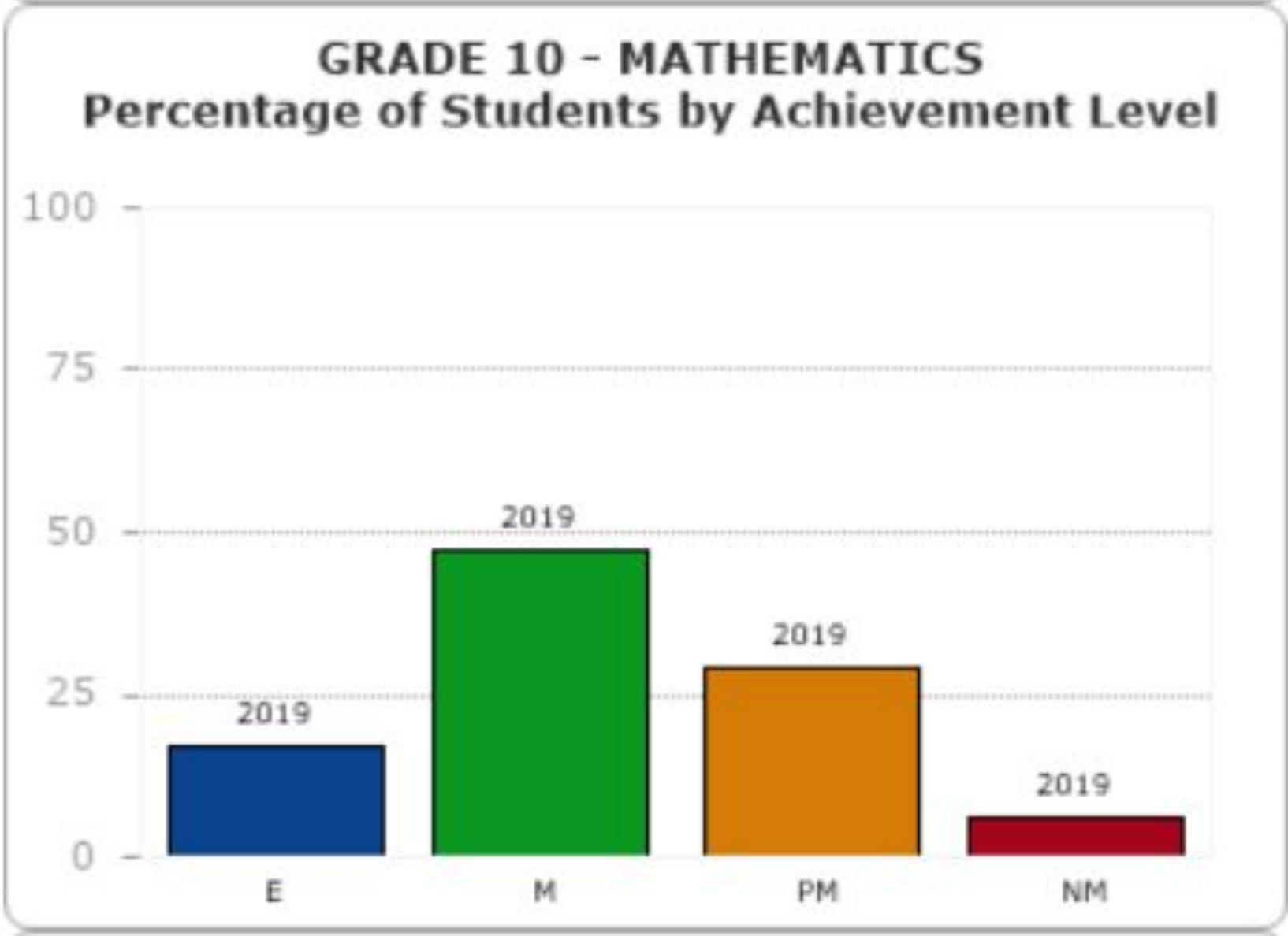
# Grade 10 ELA & Math

## Next Generation

GRADE 10 - ENGLISH LANGUAGE ARTS		2019
ACHIEVEMENT LEVEL		
Exceeding Expectations (E)		12
Meeting Expectations (M)		56
Partially Meeting Expectations (PM)		29
Not Meeting Expectations (NM)		4



GRADE 10 - MATHEMATICS		2019
ACHIEVEMENT LEVEL		
Exceeding Expectations (E)		17
Meeting Expectations (M)		47
Partially Meeting Expectations (PM)		29
Not Meeting Expectations (NM)		6

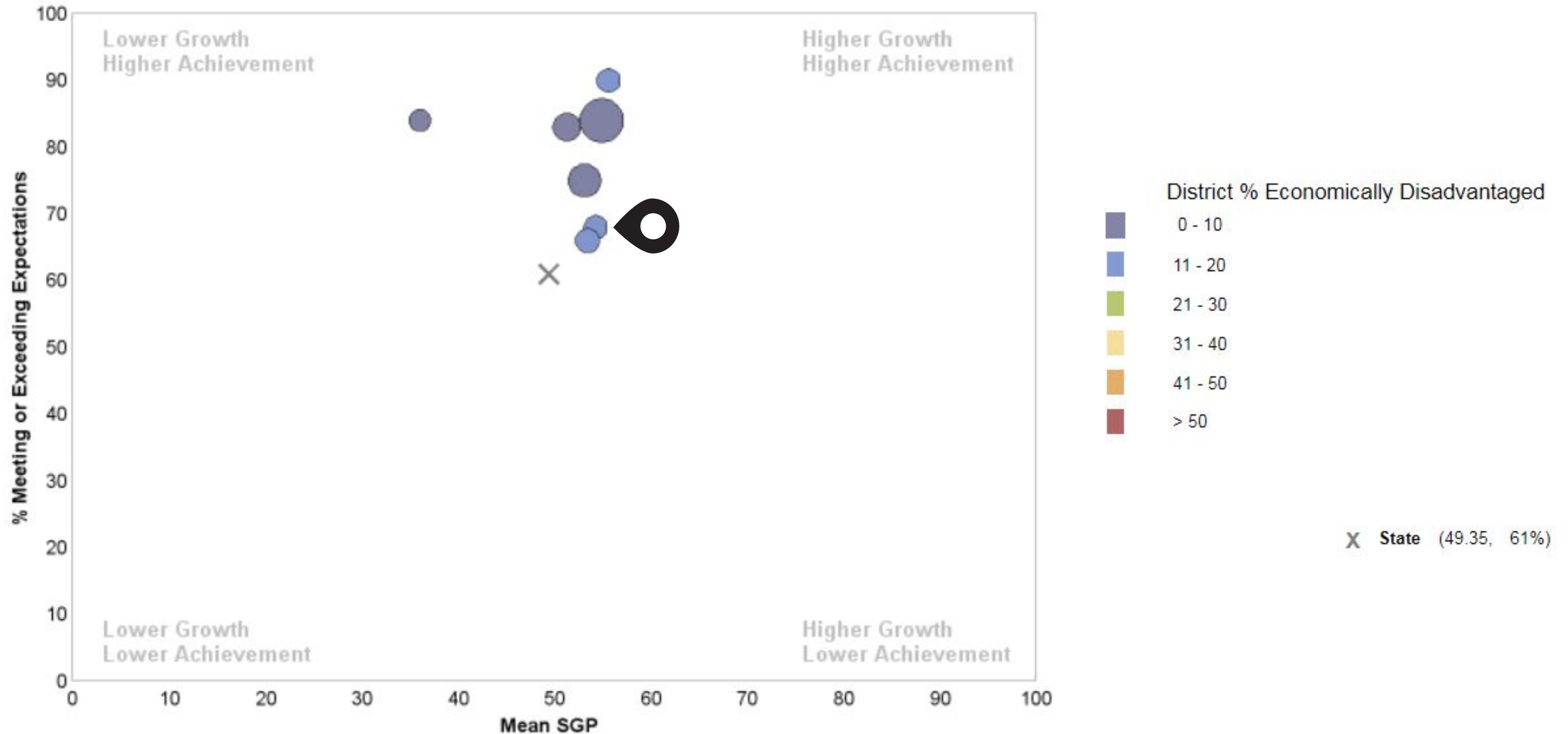




# Grade 10 ELA & Math MCAS Comparisons

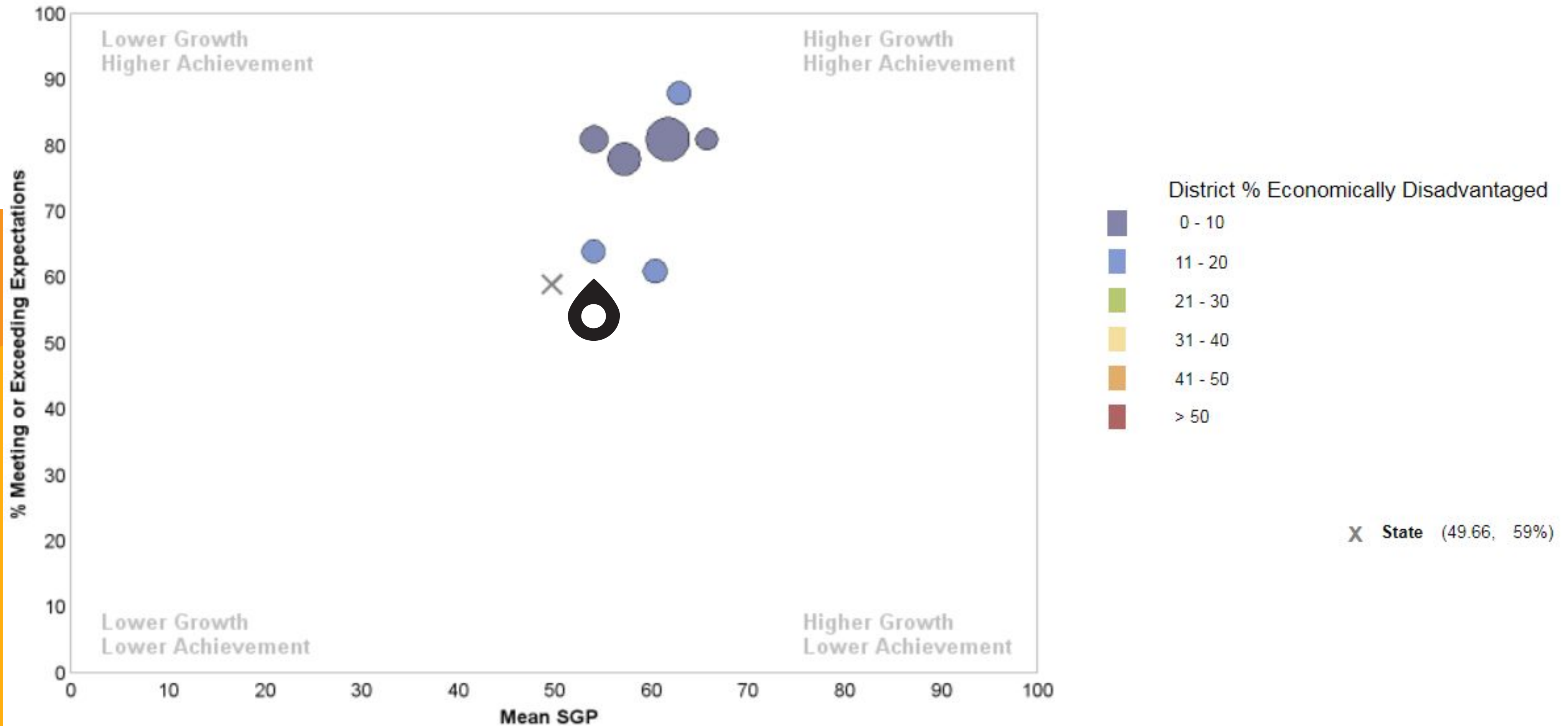
District Name ⬆️⬆️	District Code ⬆️⬆️	Subject ⬆️⬆️	M+E # ⬆️⬆️	M+E % ⬆️⬆️	E # ⬆️⬆️	E % ⬆️⬆️	M # ⬆️⬆️	M % ⬆️⬆️	PM # ⬆️⬆️	PM % ⬆️⬆️	NM # ⬆️⬆️	NM % ⬆️⬆️	No. of Students Included ⬆️⬆️	Avg. Scaled Score ⬆️⬆️	Avg.SGP ⬆️⬆️
Andover	00090000	ELA	386	84	115	25	271	59	66	14	7	2	459	518.7	54.9
Andover	00090000	MATH	376	81	132	29	244	53	77	17	10	2	463	518.8	61.7
Hamilton-Wenham	06750000	ELA	129	90	29	20	100	69	13	9	2	1	144	520.4	55.6
Hamilton-Wenham	06750000	MATH	126	88	25	17	101	70	15	10	3	2	144	515.2	62.9
Ipswich	01440000	ELA	95	68	17	12	78	56	40	29	5	4	140	508.6	54.3
Ipswich	01440000	MATH	89	64	24	17	65	47	41	29	9	6	139	509.1	54.0
Manchester Essex Regional	06980000	ELA	99	84	25	21	74	63	17	14	2	2	118	518.1	36.0
Manchester Essex Regional	06980000	MATH	98	81	25	21	73	60	22	18	1	1	121	515.9	65.7
Masconomet	07050000	ELA	219	75	48	16	171	59	70	24	2	1	291	511.9	53.1
Masconomet	07050000	MATH	227	78	70	24	157	54	52	18	12	4	291	515.2	57.2
Newburyport	02040000	ELA	175	83	50	24	125	59	29	14	8	4	212	517.9	51.3
Newburyport	02040000	MATH	171	81	37	18	134	64	31	15	9	4	211	515.2	54.1
Triton	07730000	ELA	102	66	22	14	80	52	43	28	10	6	155	508.4	53.4
Triton	07730000	MATH	93	61	17	11	76	50	51	33	9	6	153	506.9	60.4

# Grade 10 ELA Local Districts



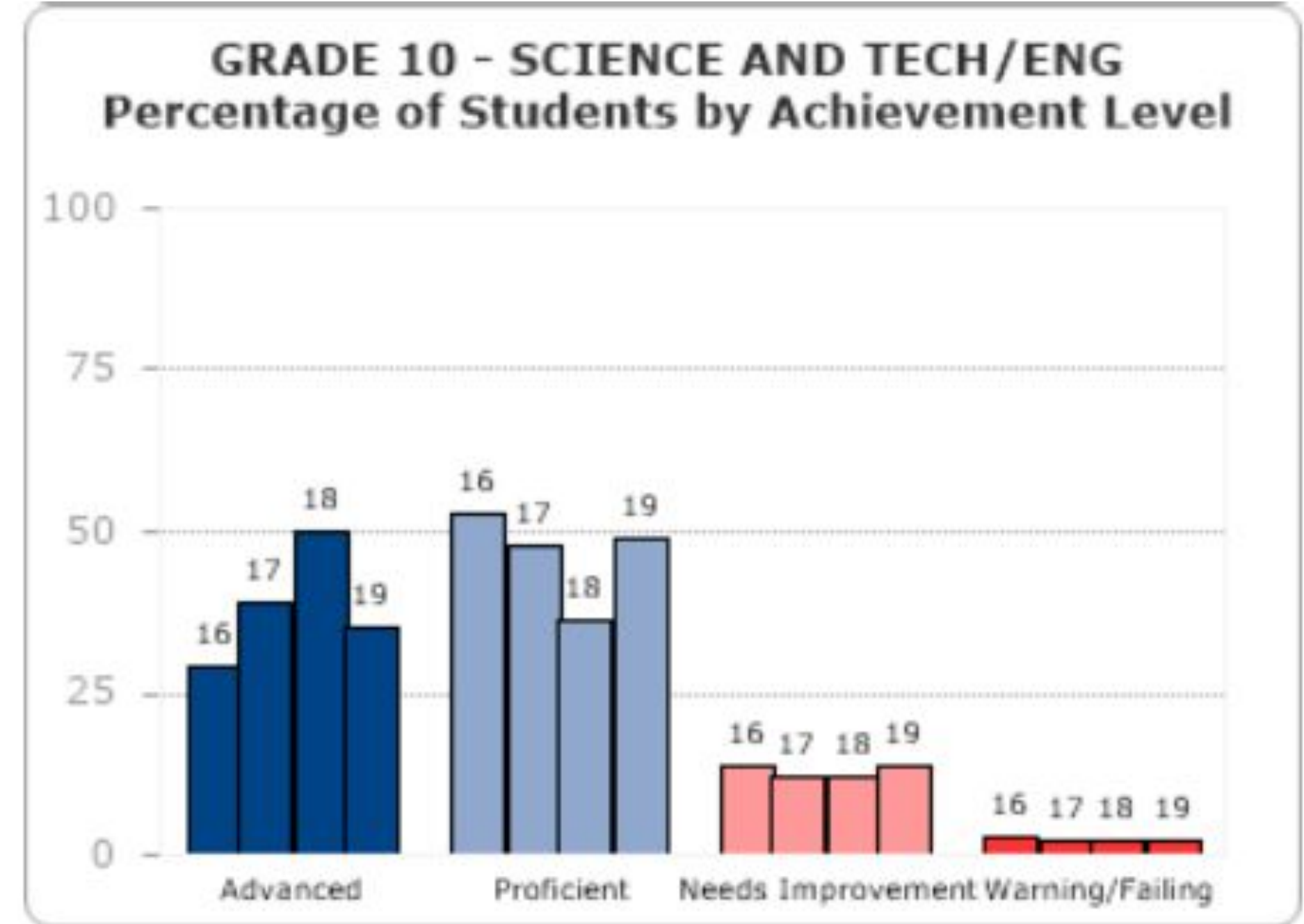


# Grade 10 Math Local Districts



# Grade 10 STE: Last *Legacy*

GRADE 10 - SCIENCE AND TECH/ENG				
ACHIEVEMENT LEVEL	2016	2017	2018	2019
ADVANCED	29	39	50	35
PROFICIENT	53	48	36	49
NEEDS IMPROVEMENT	14	12	12	14
FAILING	3	2	2	2





# Grade 10 STE MCAS Comparisons

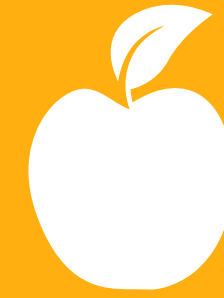
District Name <small>⬆⬆</small>	District Code <small>⬆⬆</small>	Subject <small>⬆⬆</small>	P+A # <small>⬆⬆</small>	P+A % <small>⬆⬆</small>	A # <small>⬆⬆</small>	A % <small>⬆⬆</small>	P # <small>⬆⬆</small>	P % <small>⬆⬆</small>	NI # <small>⬆⬆</small>	NI % <small>⬆⬆</small>	W/F # <small>⬆⬆</small>	W/F % <small>⬆⬆</small>	Student Included <small>⬆⬆</small>	CPI <small>⬆⬆</small>	Ave. SGP <small>⬆⬆</small>
Andover	00090000	SCI	393	88	240	54	153	34	45	10	7	2	445	95.6	N/A
Hamilton-Wenham	06750000	SCI	129	96	55	41	74	55	5	4	0	0	134	99.1	N/A
Ipswich	01440000	SCI	111	84	46	35	65	49	18	14	3	2	132	93.8	N/A
Manchester Essex Regional	06980000	SCI	109	93	47	40	62	53	7	6	1	1	117	97.0	N/A
Masconomet	07050000	SCI	259	91	134	47	125	44	24	8	2	1	285	96.1	N/A
Newburyport	02040000	SCI	178	89	107	53	71	35	18	9	5	2	201	96.1	N/A
Triton	07730000	SCI	113	76	26	18	87	59	32	22	3	2	148	92.1	N/A

# Accountability Report

First, Accountability Ratings include the district's MCAS achievement & growth:

Progress toward improvement targets	
Indicator	
Achievement	English language arts achievement
	Mathematics achievement
	Science achievement
	Achievement total
Growth	English language arts growth
	Mathematics growth
	Growth total





Next, Accountability Ratings include indicators that provide more information about school performance and student opportunity, including:

- Performance of lowest 25 percent
  - High school completion
  - Chronic absenteeism
- Advanced coursework completion
  - Annual dropout rate
- Progress towards attaining English Language Proficiency



# Massachusetts' school and district accountability system

## What is an accountability system?

An accountability system measures school and district performance. It helps schools improve the performance of all students, and helps communities and the state decide how to allocate resources. Accountability results answer two questions: *How is the school doing?* and *What kind of support does the school need?*

## What are some highlights of the system?

**Indicators** that provide more information about school performance and student opportunity:

- ✓ Achievement
- ✓ Student progress or growth
- ✓ High school completion
- ✓ Progress towards English proficiency for English learners
- ✓ Chronic absenteeism
- ✓ Advanced coursework completion

Information on each school's **progress toward improvement targets** and how it is doing **compared to other schools across the state**

An increased focus on raising the performance of each school's **lowest performing students**

## How are schools classified?

Schools are **placed into categories** that describe how they are doing and what kind of support they may receive from the state.



## What else should I know?

- ★ **Detailed performance data** are reported for all districts, schools, and subgroups.
- ★ Accountability results are used to **recognize schools that are demonstrating success** in addition to identifying schools in need of support.
- ★ Massachusetts is committed to **monitoring the system's effectiveness** in providing clear and actionable information to districts, schools, parents, and the public.

For more information, visit [www.doe.mass.edu/accountability](http://www.doe.mass.edu/accountability).







So, what does the  
Ipswich Public  
Schools  
Accountability Data  
look like for 2019?  
How can you access  
it?

<http://profiles.doe.mass.edu/accountability/report/district.aspx?linkid=30&orgcode=01440000&orgtypecode=5&>

## **What are some take-away's & next steps? Continue to:**

- support all our students, with a close eye on our lowest-performing students, students making progress towards English Language Proficiency, & students from vulnerable populations.
- look at chronic absenteeism.
- encourage more high school students to take advanced coursework -- & align curriculum to facilitate more students to be able to take this advanced coursework.
- support professional development, teacher leadership & standards-based curriculum development. It works!



# How can I find information?

Go to the state's "[School & District Profiles](#)" & search "IPS"

MCAS  
Scores

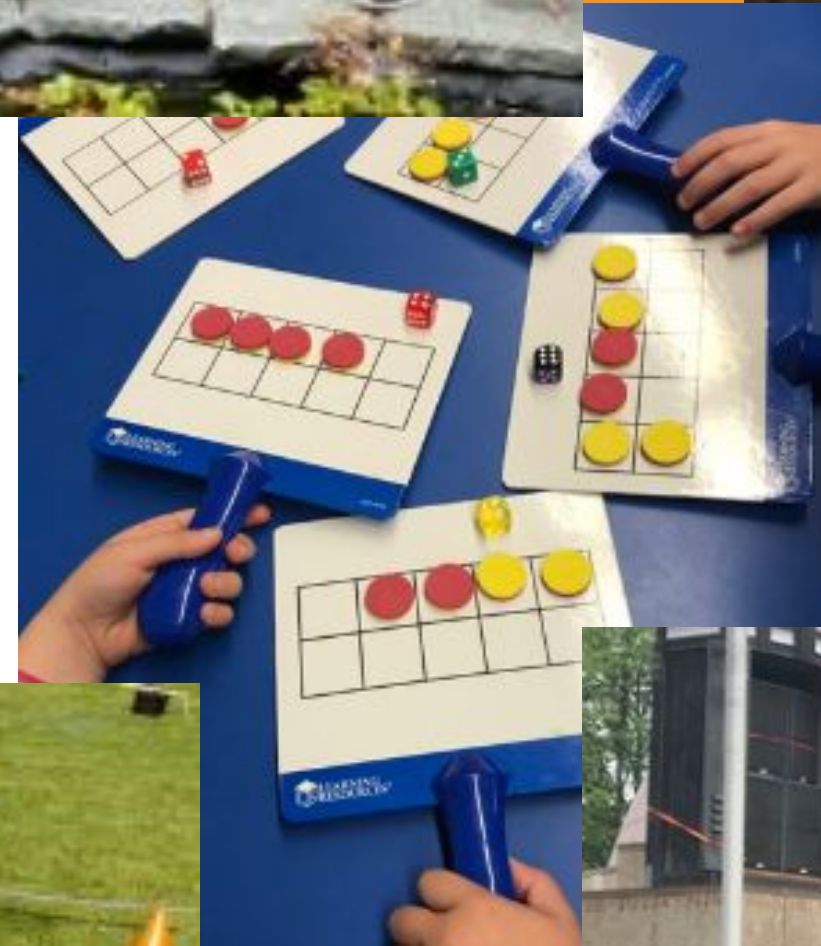
Report  
Card  
(Dec.)

Accountability  
Report




# MCAS

is just one of many forms of assessment in Ipswich Public Schools by which students show us what they know and are able to do.







**Thank you to the IPS School Committee,  
Leadership Team, educators, students,  
parents/guardians & community for your  
hard work & support!**