

### Accountability Still Matters

MCAS will continue in 2025 and beyond - it fulfills both state and federal mandates, testing remains in

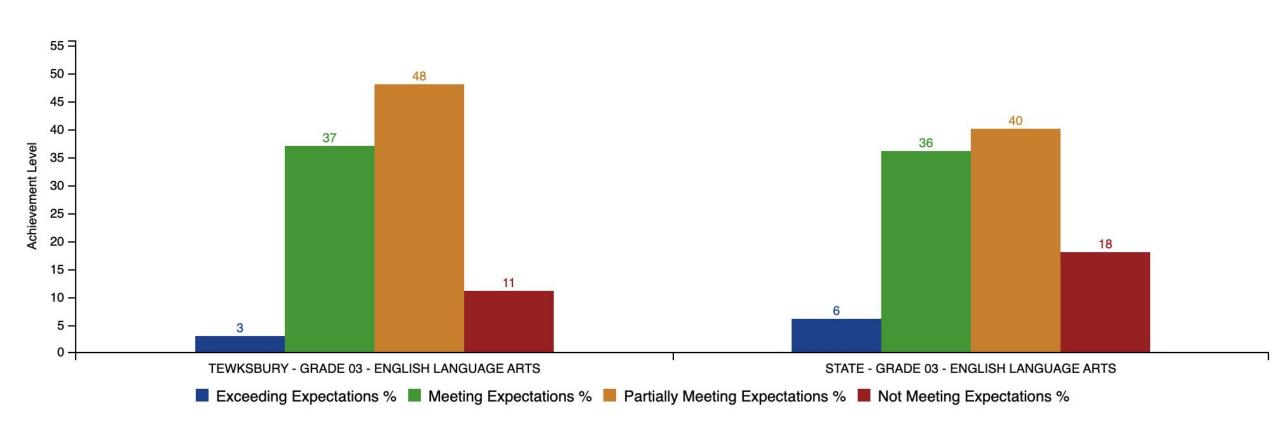
- **ELA grades 3-8, grade 10**
- Math grades 3-8, grade 10
- Science grades 5, 8, and 10 for MA

Grade 8 Civics for all students begins in 2025 (previously a pilot)

#### **Overall State Results 2024**

	% NM	%PM	% ME	% EE	% M or E	2023	2019
Grade 3	18	40	36	6	42	-2	-14
Grade 4	19	45	32	4	37	-3	-15
Grade 5	16	46	32	6	38	-6	-14
Grade 6	25	35	29	11	40	-2	-13
Grade 7	22	42	30	6	36	-4	-12
Grade 8	24	34	32	11	43	-1	-9
Grades 3-8	21	40	32	7	39	-3	-13
Grade 10	12	31	43	14	57	-1	-4

### MCAS Accountability



### MCAS Accountability

2024 school year was the first year since 2019 that the accountability measures included both an Accountability Percentile (comparative measure with other schools in the state-normative) and Progress Towards Targets (individual school performance-criterion) measure, as well as a back-to-back year growth comparison.

All data can be located on the DESE Profile Pages (profiles.doe.mass.edu/accountability)

### 2024 MCAS Accountability

#### **Overall Classification:**

Not requiring assistance or intervention currently based on a two year weighted average.

#### **All schools:**

Not requiring assistance or intervention currently based on a two year weighted average.

### School Group Percentiles

- Normative indicator ranging from 1-99
  - Showing a school or student group's standing as compared to other schools or groups in schools serving comparable grade spans
- Divided into three basic groupings
  - Schools serving only grades K-8
  - Schools serving a combination of K-8 and 9-12
  - Schools serving only 9-12



## School Accountability Percentile 2018-2024

SCHOOL	2018	2019	2020	2022	2023	2024
CENTER					46	44
RYAN	49	51	No	47	50	45
WYNN	51	59	Data	68	67	62
TMHS	34	43		48	48	53

### **Progress Towards Targets**

- Measures a district's or school's performance towards improvement targets
- Reported as a percentage
- Indicators
  - Achievement (ELA, Math, Science)
  - Growth (ELA and Math)
  - EL Proficiency (only at District level for NM)
  - Chronic Absenteeism
  - Advanced Coursework Completion
  - High School only indicators "High School Completion"
    - 4 Year Graduation Rate
    - Extended Engagement (5 year rate)
    - Annual Dropout Rate

### Scale of Point Accountability

Points assigned based on progress toward target for each indicator for the all students group and each student group with sufficient data:

Category	Declined	No change	Improved below target	Met target	Exceeded target
Points	0	1	2	3	4

Target %	0%	25%	50%	75%	100%
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#### Overall progress toward improvement targets

	2023	2024				
Annual criterion-referenced target percentage	51%	39%				
Weight	40%	60%				
Cumulative Criterion-referenced target percentage	44%					
(2023 x 40%) + (2024 x 60%)	Moderate progress toward targets					

Indica	itor		All students igh school g			performing s igh school g			All students n school gra			performing s n school gra	
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weigh %
	English language arts achievement	0	4	-	2	4	-	2	4	-	2	4	-
Achievement	Mathematics achievement	0	4	-	2	4	-	0	4	-	2	4	-
	Science achievement	0	4	-	-	-		0	4	-	-	-	-
	Achievement total	0	12	60.0	4	8	67.5	2	12	47.5	4	8	67.5
	English language arts growth	3	4	-	3	4	:-	2	4	-	2	4	-
Growth	Mathematics growth	2	4	-	2	4	-	2	4	-	3	4	-
	Growth total	5	8	20.0	5	8	22.5	4	8	22.5	5	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	1-	2	4	-	-	-	-
High school	Extended engagement rate	12	-	-	-	-	72	4	4	-	=	-	-
completion	Annual dropout rate	-	-	-	-	-	-	0	4	-	-	-	-
	High school completion total	-		-	-	-	-	6	12	20.0	-	•	-
Progress toward attaining English language proficiency	English language proficiency total	4	4	10.0	-	-	-	-	-	-	-	-	-
	Chronic absenteeism	4	4	-	3	4	1-	4	4	-	4	4	-
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	4	4	-	-	-	-
	Additional indicators total	4	4	10.0	3	4	10.0	8	8	10.0	4	4	10.0
Weighted total		1.8	9.6	-	4.1	7.6	-	3.9	10.7	-	4.2	7.6	-
Percentage of possible points			19%	-	5	54%	-	3	86%	-	ţ	55%	-
Percentage of possible p	points by gradespan		Weight of		5% school res	sults:74%	46% Weight of high school results:26%						
2024 Annual criterion-r	eferenced target						39%						

#### MCAS Data Overview

#### What is this data telling us?

- MCAS achievement results tell us how each student is achieving relative to state standards.
  - Is the student demonstrating proficiency in 6th grade mathematics?
- **Student growth percentile (SGP)** measures change in an individual student's performance over time.
  - How much did the student improve in mathematics from 5th grade to 6th grade?
  - Did the student improve more or less than their academic peers?

#### Student Growth Percentiles

Growth scores are a reflection of the level of improvement (or loss) for each student compared to other students that had similar scores from the previous school year.

- Reported in percentiles (0 99)
- 'Typical' growth is considered to be within a range of **40 60**
- Elementary scores are only reflective of student performance in grade 4

	ELA	Math
CES	42	34
Ryan	44	50
Wynn	62	50
TMHS	44	48

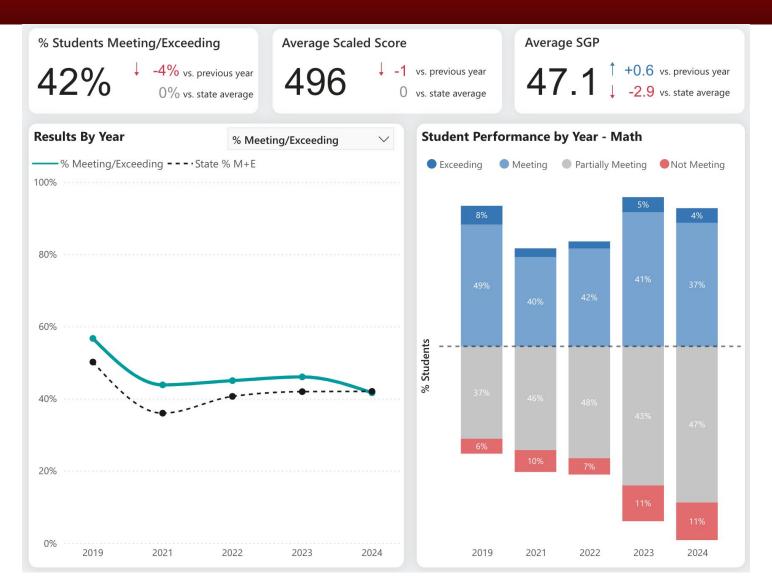
## District Overview of Performance English Language Arts



### School Performance- English Language Arts



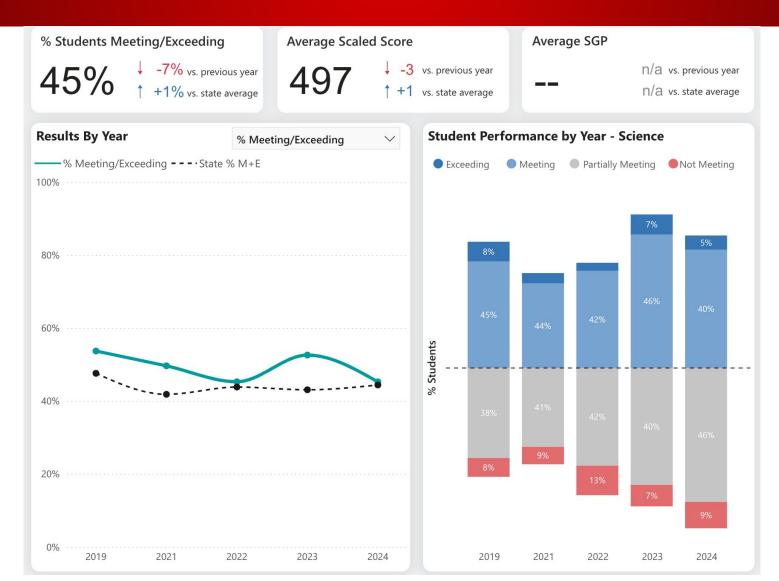
## District Overview of Performance Mathematics



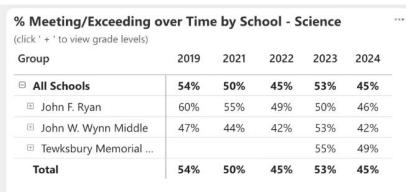
#### School Performance- Mathematics

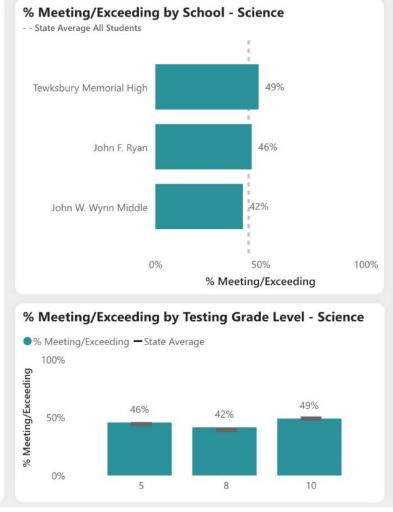


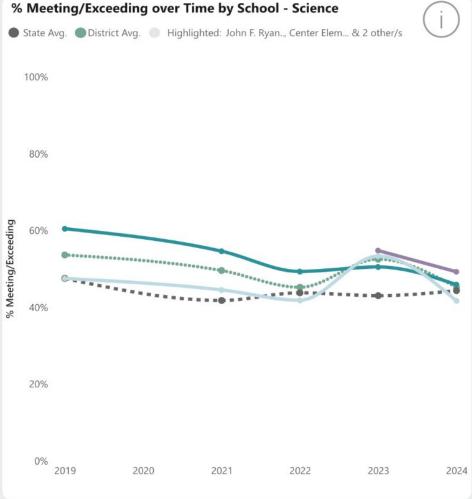
## District Overview of Performance Science



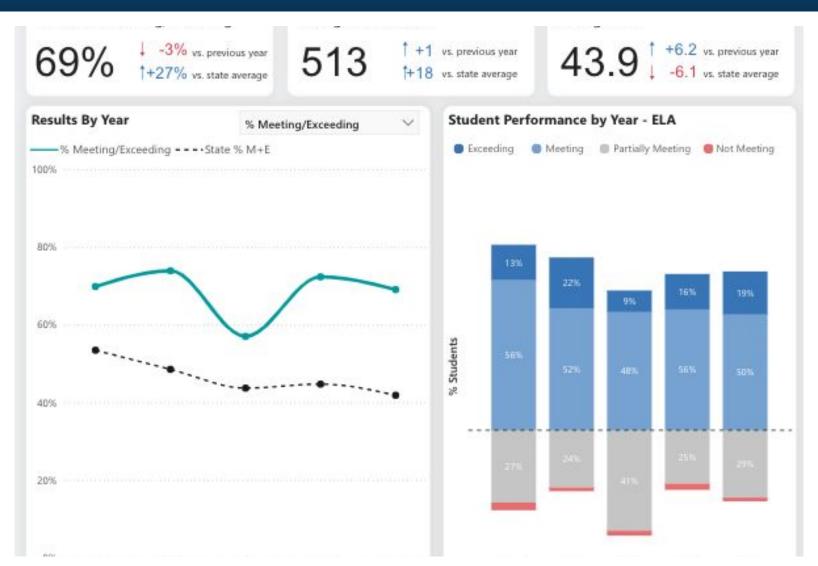
#### School Level Performance - Science



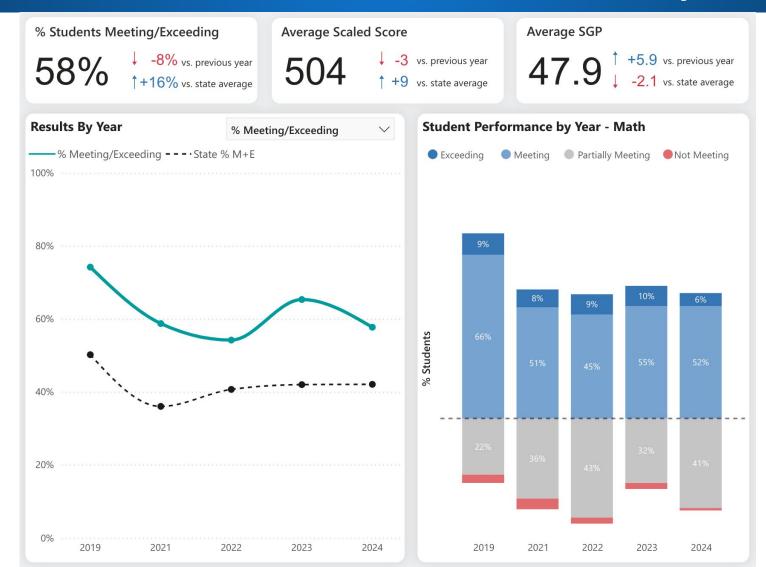




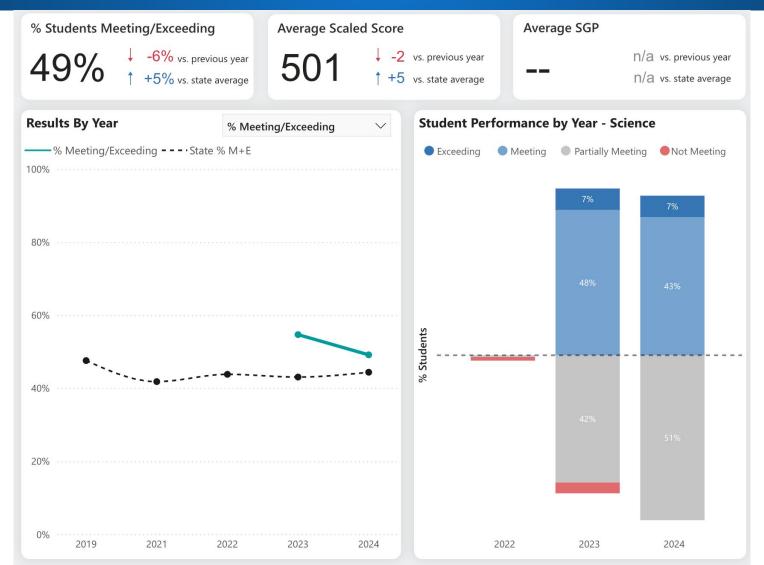
# TMHS English Language Arts Proficiency



# TMHS Mathematics Proficiency



## TMHS Science Proficiency



## Chronic Absenteeism Non-High School

Chronic absenteeism - Non-high schoo	Ī						About the Data
Group	2023 Rate (%)	2024 Rate (%)	Change	Target	N	Points	Reason
All Students	16.6	14.8	-1.8	15.3	528	3	Met Target
Lowest Performing	33.9	21.2	-12.7	30.4	52	4	Exceeded Target
High needs	25.0	24.0	-1.0	22.4	225	2	Improved Below Target
Low income	28.5	27.4	-1.1	24.8	146	2	Improved Below Target
EL and Former EL	18.9	10.5	-8.4	15.9	38	4	Exceeded Target
Students w/ disabilities	29.7	27.4	-2.3	26.4	113	2	Improved Below Target
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-
Asian	-	-	-	-	23	-	-
Afr. Amer./Black	3.7	8.0	4.3	1.0	25	3	Met Target
Hispanic/Latino	26.9	13.2	-13.7	23.2	53	4	Exceeded Target
Multi-race, Non-Hisp./Lat.	-	-	-	-	9	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-
White	16.1	15.8	-0.3	14.7	418	2	Improved Below Target

## Chronic Absenteeism High School

Chronic absenteeism - High school							About the D
Group	2023 Rate (%)	2024 Rate (%)	Change	Target	N	Points	Reason
All Students	18.5	13.1	-5.4	16.2	732	4	Exceeded Target
Lowest Performing	28.6	18.6	-10.0	22.8	43	4	Exceeded Target
High needs	34.8	26.6	-8.2	31.0	214	4	Exceeded Target
Low income	37.7	25.8	-11.9	32.6	163	4	Exceeded Target
EL and Former EL	-	-	-	-	32	-	-
Students w/ disabilities	43.0	32.5	-10.5	38.6	80	4	Exceeded Target
Amer. Ind. or Alaska Nat.	-	) <b>-</b>	-	-	1	-	-
Asian	-	-	-	-	39	-	-
Afr. Amer./Black	-	-	-	-	44	-	-
Hispanic/Latino	-	-	-	-	72	-	-
Multi-race, Non-Hisp./Lat.	-	1-	-	-	9	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-		-	-
White	17.3	12.7	-4.6	14.8	567	4	Exceeded Target

### District Takeaways

- Accountability percentiles remained consistent
- Student growth percentiles are mostly typical (non-HS)
- Achievement and SGP gaps still exist (SWD, HN, LI)
- Achievement levels need to improve
- HS Achievement levels and SGP improved
- Chronic Absenteeism is improving

#### **Actions Needed**

#### **In Progress**

- Refine implementation of SST within the MTSS, starting with strong Tier I instruction with provide interventions
- Continued focus on Early Literacy
  - Heggerty
  - Fundations
- K-6 Implementation of EL Education
- Continue implementation of new math curriculum units K-4
  - Instructional Coaching Model in math training our teachers to use the concrete, pictorial abstract to support students within the classroom.

#### **Next Steps**

- Further examine math domains and clusters for student success
  - Implement and analyze Aimsweb and IXL math data
- Common Formative assessments in OTUS to track student progress toward the standards and reporting
- Utilizing data more effectively to Increase opportunities for inclusive practices in the classrooms

### Appendix

- English Language Arts Achievement Grades 3-8
- Mathematics Achievement Grades 3-8
- Science Achievement Grades 5 & 8
- English Language Arts Achievement TMHS
- Mathematics Achievement TMHS
- Science Achievement TMHS
- Student Growth Percentiles
- English Language Arts SGP Grades 4-8 Subgroups
- Mathematics SGP Grades 4-8 Subgroups
- English Language Arts SGP TMHS
- Mathematics SGP TMHS

## Questions



## English Language Arts Achievement Grades 3-8

English language arts achiev	vement - MCAS average co	omposite scaled score	- Non-high s	chool			About the Dat
Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason
All Students	497.4	496.6	-0.8	500.2	1,539	0	Recovery Path: Declined
Lowest Performing	472.5	473.3	0.8	477.6	288	2	Path Forward: Improved Below Target
High needs	486.8	484.6	-2.2	489.1	640	0	Recovery Path: Declined
Low income	490.0	487.4	-2.6	492.2	404	0	Recovery Path: Declined
EL and Former EL	-	-	-	-	109	-	•
Students w/ disabilities	475.8	473.2	-2.6	478.2	341	0	Recovery Path: Declined
Amer. Ind. or Alaska Nat.	-	-	-	-	3	-	<u>.</u>
Asian	-	-	-	-	53	-	•
Afr. Amer./Black	-	-	-	-	81	-	•
Hispanic/Latino	-	-	-	Ť	136	-	•
Multi-race, Non-Hisp./Lat.	-	-	-		28	-	
Nat. Haw. or Pacif. Isl.	1=	-	-	-	-	-	
White	497.6	497.2	-0.4	500.2	1,238	1	Recovery Path: No Change

#### Mathematics Achievement Grades 3-8

Mathematics achievement - N	MCAS average composite	scaled score - Non-hig	h school				About the Dat
Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason
All Students	495.4	494.9	-0.5	497.4	1,540	1	Recovery Path: No Change
Lowest Performing	472.4	475.8	3.4	476.8	288	2	Recovery Path: Improved Below Target
High needs	485.6	484.3	-1.3	487.4	643	0	Recovery Path: Declined
Low income	488.1	486.3	-1.8	490.1	406	0	Recovery Path: Declined
EL and Former EL	-	-	-	-	110	-	-
Students w/ disabilities	476.6	474.6	-2.0	478.8	343	0	Path Forward: Declined
Amer. Ind. or Alaska Nat.	÷)	-	-	-	3	-	-
Asian	-	-	-	-	53	-	-
Afr. Amer./Black	-	-	-	-	81	-	-
Hispanic/Latino	-	-	-	-	137	-	•
Multi-race, Non-Hisp./Lat.	-	-		-	28	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	
White	495.9	495.5	-0.4	497.8	1,238	1	Recovery Path: No Change

#### Science Achievement Grades 5 & 8

Science achievement - MCAS	ience achievement - MCAS average composite scaled score - Non-high school										
Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason				
All Students	495.8	499.0	3.2	498.5	507	3	Path Forward: Met Target				
Lowest Performing	-	-	-	-	-	-	-				
High needs	485.8	487.8	2.0	488.8	195	2	Path Forward: Improved Below Target				
Low income	490.1	488.4	-1.7	493.4	130	0	Path Forward: Declined				
EL and Former EL	229	-	-	y=	33	-	-				
Students w/ disabilities	476.4	478.4	2.0	479.8	94	2	Path Forward: Improved Below Target				
Amer. Ind. or Alaska Nat.	-	-		i=	-	-	-				
Asian	-	-	-	-	17	-	-				
Afr. Amer./Black	-	=	-	-	26	-	-				
Hispanic/Latino	-	-	1.00	-	45	-					
Multi-race, Non-Hisp./Lat.	-	-	( <b>-</b> )	-	9	-	-				
Nat. Haw. or Pacif. Isl.	-	-	141	-	-	-	-				
White	495.7	500.6	4.9	497.4	410	4	Recovery Path: Exceeded Target				

## English Language Arts Achievement TMHS

English language arts achieve	About the Da						
Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason
All Students	502.3	511.2	8.9	504.1	175	4	Recovery Path: Exceeded Target
Lowest Performing	-	-	=	-	-	-	-
High needs	493.8	498.3	4.5	497.1	49	4	Path Forward: Exceeded Target
Low income	495.4	501.7	6.3	499.3	34	4	Path Forward: Exceeded Target
EL and Former EL	-	-	-	-	2	-	-
Students w/ disabilities	487.5	486.3	-1.2	490.2	23	0	Path Forward: Declined
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-
Asian	-	-	-	-	14	-	-
Afr. Amer./Black	-	-	-	-	8	-	-
Hispanic/Latino	-	-	-	-	10		-
Multi-race, Non-Hisp./Lat.	(=.	-	-	-	2	-	-
Nat. Haw. or Pacif. Isl.	-	-	<u>-</u> -	-	-	-	-
White	503.0	510.2	7.2	505.2	141	4	Recovery Path: Exceeded Target

#### Mathematics Achievement – TMHS

Mathematics achievement - N	ICAS average composite sc	aled score - High school					About the Da
Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason
All Students	504.3	506.9	2.6	505.8	175	4	Recovery Path: Exceeded Target
Lowest Performing	-	-	-	-	-	-	-
High needs	495.4	494.2	-1.2	499.2	49	0	Path Forward: Declined
Low income	496.5	496.5	0.0	501.0	34	1	Path Forward: No Change
EL and Former EL	-	-		-	2	-	-
Students w/ disabilities	491.5	486.3	-5.2	494.9	23	0	Path Forward: Declined
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-
Asian	-	=	-	-	14	-	-
Afr. Amer./Black	-	-	-	-	8		-
Hispanic/Latino	-	-	-	8-8	10	-	-
Multi-race, Non-Hisp./Lat.	-	-	-	=	2	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	+
White	504.6	506.8	2.2	506.1	141	4	Recovery Path: Exceeded Target

#### Science Achievement – TMHS

Group	2022 Achievement	2023 Achievement	Change	2023 Target	N	Points	Reason
All Students	504.6	503.2	-1.4	507.6	163	0	Recovery Path: Declined
Lowest Performing	-20	-	-	-	-	-	-
High needs	493.2	490.3	-2.9	494.5	43	0	Recovery Path: Declined
_ow income	495.3	490.5	-4.8	497.4	31	0	Recovery Path: Declined
EL and Former EL	-	-	-	-	2	-	-
Students w/ disabilities	-	-	-	=	19	-	<u>+</u>
Amer. Ind. or Alaska Nat.	-	-		-			-
Asian	-	-	-	-	13	-	-
Afr. Amer./Black		-	-	-	7	-	<u>-</u>
Hispanic/Latino	-	-	-	-	10	-	-
/lulti-race, Non-Hisp./Lat.		-	-	-	2	-	-
lat. Haw. or Pacif. Isl.	-	-	-	-	-	-	
White	504.9	503.1	-1.8	507.1	131	0	Recovery Path: Declined

# English Language Arts SGP Grades 4-8 Subgroups

English language arts growth - Non-high school				About the Data
Group	2023 Mean SGP	N	Points	Reason
All Students	50.6	1,196	3	Typical Growth - High
Lowest Performing	48.2	288	2	Typical Growth - Low
High needs	48.4	469	2	Typical Growth - Low
Low income	48.0	291	2	Typical Growth - Low
EL and Former EL	-	69	-	-
Students w/ disabilities	44.2	245	2	Typical Growth - Low
Amer. Ind. or Alaska Nat.		-	-	-
Asian		38	-	-
Afr. Amer./Black		55	-	
Hispanic/Latino	-1	101	-	-
Multi-race, Non-Hisp./Lat.	-	19	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	•
White	49.9	983	2	Typical Growth - Low

## Mathematics SGP Grades 4-8 Subgroups

Mathematics growth - Non-high school				About the Data
Group	2023 Mean SGP	N	Points	Reason
All Students	46.9	1,196	2	Typical Growth - Low
Lowest Performing	48.7	288	2	Typical Growth - Low
High needs	45.8	470	2	Typical Growth - Low
Low income	46.3	293	2	Typical Growth - Low
EL and Former EL		70	-	-
Students w/ disabilities	41.6	245	2	Typical Growth - Low
Amer. Ind. or Alaska Nat.	H	-	-	-
Asian	-0	38	-	-
Afr. Amer./Black	-	55	-	-
Hispanic/Latino	-	103	-	-
Multi-race, Non-Hisp./Lat.		19	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-
White	45.7	981	2	Typical Growth - Low

## English Language Arts SGP – TMHS

English language arts growth - High school				About the Data
Group	2023 Mean SGP	N	Points	Reason
All Students	37.6	161	1	Low Growth
Lowest Performing	-	-	-	-
High needs	34.7	43	1	Low Growth
Low income	33.6	33	1	Low Growth
EL and Former EL	-	2	-	-
Students w/ disabilities	-	17	-	-
Amer. Ind. or Alaska Nat.	·	-	-	
Asian	-	14	-	
Afr. Amer./Black	-	8	-	-
Hispanic/Latino	-	10	_	-
Multi-race, Non-Hisp./Lat.	÷	2	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-
White	34.8	127	1	Low Growth

#### Mathematics SGP – TMHS

Mathematics growth - High school				About the Da
Group	2023 Mean SGP	N	Points	Reason
All Students	42.0	161	2	Typical Growth - Low
Lowest Performing	-	-	-	-
High needs	38.5	43	1	Low Growth
Low income	38.8	33	1	Low Growth
EL and Former EL	-	2	-	-
Students w/ disabilities	-	17	-	-
Amer. Ind. or Alaska Nat.	-	-	-	-/
Asian	-	14	-	-
Afr. Amer./Black	-	8	-	-
Hispanic/Latino	-	10	-	-
Multi-race, Non-Hisp./Lat.	-	2	E=:	-
Nat. Haw. or Pacif. Isl.	-	<u>-</u>	72	20
White	42.5	127	2	Typical Growth - Low

## Detailed Data by Grade Level

	Meeting or Exceeding Expectations %		Exceeding Expectations %				Partially Meeting Expectations %		Not Meeting Expectations %			Part.	Avg. Scaled	Avg.	Included in Avg.
Grade and Subject	District	State	District	State	District	State	District	State	District	State	Included		Score		SGP
GRADE 03 - ENGLISH LANGUAGE ARTS	48	44	5	7	43	37	39	40	13	16	269	100	496	N/A	N/A
GRADE 03 - MATHEMATICS	46	41	6	8	40	33	38	39	16	20	269	100	496	N/A	N/A
GRADE 04 - ENGLISH LANGUAGE ARTS	35	40	1	5	34	34	48	43	17	17	239	100	492	43	227
GRADE 04 - MATHEMATICS	39	45	1	8	38	37	42	37	19	18	239	100	492	36	227
GRADE 05 - ENGLISH LANGUAGE ARTS	50	44	5	5	45	39	42	40	8	16	247	100	499	49	233
GRADE 05 - MATHEMATICS	44	41	5	5	39	36	49	46	7	13	247	100	497	50	233
GRADE 05 - SCIENCE AND TECH/ENG	49	42	9	8	41	33	40	40	11	19	247	100	500	N/A	N/A
GRADE 06 - ENGLISH LANGUAGE ARTS	38	42	5	8	33	34	44	34	19	24	280	100	492	49	261
GRADE 06 - MATHEMATICS	39	41	2	7	36	34	45	42	16	17	281	100	492	46	261
GRADE 07 - ENGLISH LANGUAGE ARTS	39	40	5	8	34	33	47	40	14	19	244	99	494	53	230
GRADE 07 - MATHEMATICS	32	38	3	8	29	31	51	40	16	22	244	99	492	40	231
GRADE 08 - ENGLISH LANGUAGE ARTS	65	44	18	10	46	34	24	34	11	22	260	100	508	59	245
GRADE 08 - MATHEMATICS	56	38	5	7	50	30	36	42	8	20	260	99	501	61	244
GRADE 08 - SCIENCE AND TECH/ENG	52	41	5	6	47	35	38	40	10	19	260	99	498	N/A	N/A
GRADE 10 - ENGLISH LANGUAGE ARTS	72	58	17	15	55	43	25	30	3	11	175	99	511	38	161
GRADE 10 - MATHEMATICS	65	50	10	10	55	40	31	42	3	9	175	99	507	42	161
GRADE 10 - SCIENCE AND TECH/ENG	55	47	7	11	48	36	41	42	4	11	163	99	503	N/A	N/A
<b>GRADES 03 - 08 - ENGLISH LANGUAGE ARTS</b>	46	42	7	7	39	35	40	39	14	19	1,539	100	497	51	1,196
GRADES 03 - 08 - MATHEMATICS	43	41	4	7	39	33	43	41	14	18	1,540	100	495	47	1,196
GRADES 05 & 08 - SCIENCE AND TECH/ENG	51	41	7	7	44	34	39	40	10	19	507	100	499	N/A	N/A

# Proficiency Levels: High School ELA, Math & Science

English Langu	age Arts Interim (	CD Standard	Mathema	atics Interim CD St	tandard	Science – Biology Interim CD Standard				
NextGen Scaled Score Range	Next Gen Achievement Level	CD Status	NextGen Scaled Score Range	Next Gen Achievement Level	CD Status	NextGen Scaled Score Range	Next Gen Achievement Level	CD Status		
440 - 454	Not Meeting Expectations	Did not pass	440 - 468	Not Meeting Expectations	Did not pass	440 - 466	Not Meeting Expectations	Did not pass		
455 - 469	Not Meeting Expectations	Passed,	469	Not Meeting Expectations	Passed,	467 - 469	Not Meeting Expectations	Passed		
470 - 471	Partially Meeting Expectations	requires EPP	470 - 485	Partially Meeting Expectations	requires EPP	470 - 490	Partially Meeting Expectations			
472 - 499	Partially Meeting Expectations	Passed	486 - 499	Partially Meeting Expectations	Passed	491 - 499	Partially Meeting Expectations	Passed		
500	Meeting Expectations	Passeu	500 - 503	Meeting Expectations	Passeu	500 - 521	Meeting Expectations			
501 - 529	Meeting Expectations	Passed	504 - 529	Meeting Expectations	Passed	522 - 529	Meeting Expectations	Daniel		
530 - 560	Exceeding Expectations	rasseu	530 - 560	Exceeding Expectations	rasscu	530 - 560	Exceeding Expectations	Passed		