

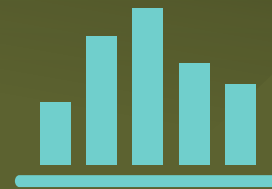
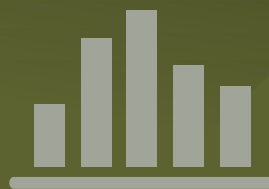
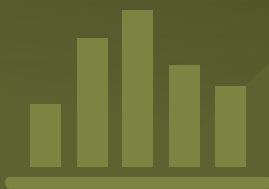
M
P
S | Teaching
& Learning

Mansfield Public Schools

2022 District MCAS Assessment Overview

MCAS Test Administration 2019-2022

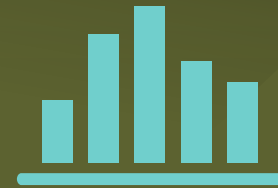
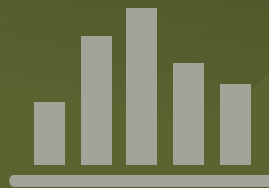
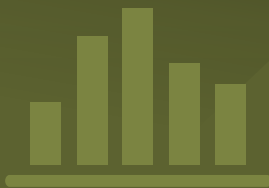
Year	Grades 3-8	Grade 10
2019	Full Test Administered	Full Test Administered
2020	No Test Administered	No Test Administered
2021	Half-Test Administered	Full Test Administered
2022	Full Test Administered	Full Test Administered



English Language Arts MCAS Results by Grade

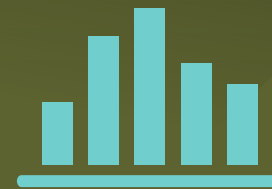
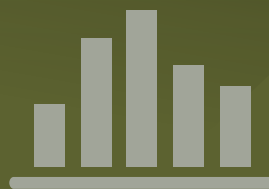
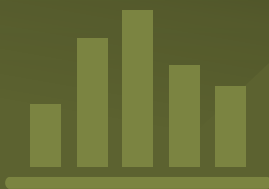
2019-2022

Grade	2019 % M/E	2021 % M/E	2022 % M/E	MPS Change M/E 19-21	MPS Change M/E 21-22	MPS Change M/E 19-22	STATE Change M/E 19-22
3-8	59	60	50	+1	-10	-9	-11
3	61	68	53	+7	-15	-8	-12
4	57	66	45	+9	-21	-12	-14
5	58	63	59	+5	-4	+1	-11
6	53	53	46	0	-7	-7	-12
7	59	59	40	0	-19	-19	-7
8	63	49	57	-14	+8	-6	-10
10	78	78	76	0	-2	-2	-3

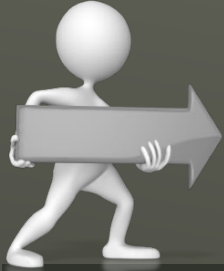


English Language Arts – Writing MCAS Results by Grade

Grade	MPS 2022 Average % Correct Writing	State 2022 Average % Correct Writing	Difference from State
3	26	24	+2
4	38	34	+4
5	36	32	+4
6	37	36	+1
7	40	41	-1
8	61	46	+15
10	74	61	+13



MCAS Results by Achievement Level



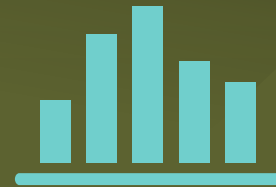
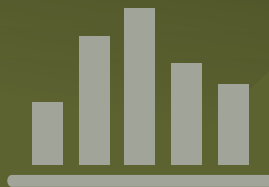
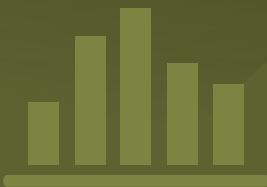
Grade 3-8, ELA (Overall & Student Groups)

		MPS 22- MPS 19 % Change	State 22- State 19 % Change
Overall (number of students=1,530)	50% of our students scored M/E as compared with 41% at the state level. In 2021, 60% of our students scored M/E. In 2019, 59% scored M/E.	-9% ↓	-11% ↓
EL Students English Learners (number of students=32)	6% of our ELs scored M/E as compared to 6% at the state level. In 2021, 30% of our ELs scored M/E. In 2019, 8% of our ELs scored M/E.	-2% ↓	-9% ↓
SWD Students with Disabilities (number of students=227)	12% of our SWD scored M/E compared to 12% at the state level. In 2021, 15% of our SWD scored M/E. In 2019, 14% of our SWD scored M/E.	-2% ↓	-4% ↓
Low Income (number of student=369)	28% of our Low Income student group scored M/E as compared with 24% at the state level. In 2021, 37% of our Economically Disadvantaged student group scored M/E. In 2019, 36% of our Economically Disadvantaged student group scored M/E.	-8% ↓	-6% ↓
High Needs (number of students=556)	25% of our High Needs student group scored M/E as compared with 24% at the state level. In 2021, 32% of our High Needs student group scored M/E. In 2019, 30% of our High Needs student group scored M/E.	-5% ↓	-9% ↓

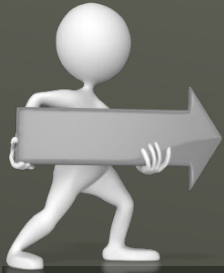
Math MCAS Results by Grade

2019-2022

Grade	2019 % M/E	2021 % M/E	2022 % M/E	MPS Change M/E 19-21	MPS Change M/E 21-22	MPS Change M/E 19-22	STATE Change M/E 19-22
3-8	60	51	55	-9	+4	-5	-10
3	67	58	54	-9	-15	-8	-8
4	60	51	50	-9	-21	-12	-8
5	56	51	56	-5	-4	+1	-12
6	62	54	63	-8	-7	-7	-10
7	61	51	47	-10	-19	-19	-11
8	63	49	57	-14	+8	-6	-10
10	78	65	71	-13	+6	-7	-9



MCAS Results by Achievement Level



Grade 3-8, Math (Overall & Student Groups)

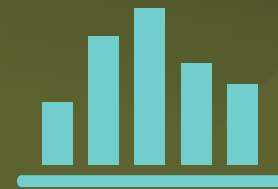
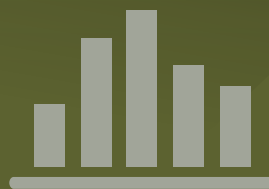
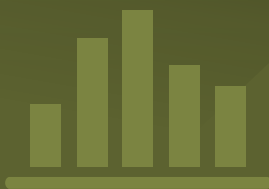
		MPS 22- MPS 19 % Change	State 22- State 19 % Change
Overall (number of students=1,530)	55% of our students scored M/E as compared with 39% at the state level. In 2021, 51% of our students scored M/E. In 2019, 60% scored M/E.	-5% ↓	-10% ↓
EL Students English Learners (number of students=32)	6% of our ELs scored M/E as compared to 9% at the state level. In 2021, 32% of our ELs scored M/E as In 2019, 16% of our ELs scored M/E.	-10% ↓	-8% ↓
SWD Students with Disabilities (number of students=227)	18% of our SWD scored M/E compared to 12% at the state level. In 2021, 13% of our SWD scored M/E. In 2019, 19% of our SWD scored M/E.	-1% ↓	-3% ↓
Low Income (number of student=369)	36% of our Low Income student group scored M/E as compared with 20% at the state level. In 2021, 25% of our Economically Disadvantaged student group scored M/E. In 2019, 38% of our Economically Disadvantaged student group scored M/E.	-2% ↓	-9% ↓
High Needs (number of students=556)	32% of our High Needs student group scored M/E as compared with 22% at the state level. In 2021, 25% of our High Needs student group scored M/E. In 2019, 34% of our High Needs student group scored M/E.	-2% ↓	-7% ↓

Science MCAS Results by Grade

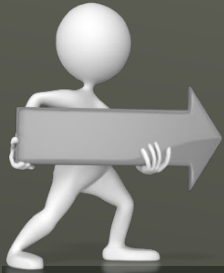
2019-2022

Grade	2019 % M/E	2021 % M/E	2022 % M/E	MPS Change M/E 19-21	MPS Change M/E 21-22	MPS Change M/E 19-22	STATE Change M/E 19-22
3-8	54	50	51	-4	+1	-3	-10
5	56	54	54	-2	0	-2	-5
8	52	47	48	-5	+1	-4	-4
10* Bio	---	---	61	---	---	---	---

*First administration of the Next-Generation Science MCAS in grade 10 Biology and not comparable to prior years.



MCAS Results by Achievement Level



Grade 3-8, Science (Overall & Student Groups)

		MPS 22- MPS 19 % Change	State 22- State 19 % Change
Overall (number of students=542)	51% of our students scored M/E as compared with 42% at the state level. In 2021, 50% of our students scored M/E. In 2019, 54% scored M/E.	-3%	-5%
EL Students English Learners (number of students=10)	20% of our ELs scored M/E as compared with 4% at the state level. In 2021 and 2019, we had an insufficient number of students for a group.	---	-13%
SWD Students with Disabilities (number of students=75)	17% of our SWD scored M/E compared to 14% at the state level. In 2021, 14% of our SWD scored M/E. In 2019, 17% of our SWD scored M/E.	0%	-3%
Low Income (number of student=128)	38% of our Low Income student group scored M/E as compared with 23% at the state level. In 2021, 30% of our Economically Disadvantaged student group scored M/E. In 2019, 31% of our Economically Disadvantaged student group scored M/E.	+7%	-3%
High Needs (number of students=188)	32% of our High Needs student group scored M/E as compared with 24% at the state level. In 2021, 25% of our High Needs student group scored M/E. In 2019, 28% of our High Needs student group scored M/E.	+4%	-4%

Jordan/Jackson School

MCAS

Observations

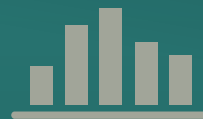
- ELA and Math Scores are in line with our internal assessments
- Continued analysis of Geometry instructional pacing will improve performance
- Math Interventionists support is impactful
- In Science, a variety of student groups are outperforming State averages

Areas of Strength

- Grade 5 Math and ELA - Achievement and Growth
- Grade 3 Students w/Disabilities ELA
- Grades 3 & 5 Low Income Math and ELA
- Student performance on Evidence, Reasoning & Modeling Science items

Areas of Opportunity - Actions being Taken

- Writing Needs Assessment being completed at all grade levels
- Robinson and Jordan/Jackson Item Analysis
- Grade-Level writing exemplar sharing and grading calibration
- MTSS Team - Data Analysis and Intervention Planning
- Community partnerships related to STEM initiatives



Qualters Middle School

MCAS

Observations

School Accountability Percentile went from 52% (2019) to 61% (2022)

ELA and Math Performance in line with Internal Assessments (STAR)

Moving Forward - Science Curriculum Now Fully Re-Aligned

Key Driver for Growth - Dedicated Tier III Interventionists

Learned from Participating in Civics Pilot

Chronic Absenteeism is a concern - Actually About 14% v 2.7% reported

Areas of Strength

Increased Performance overall in Reading

Grade 8 Writing (Content and Grammar)

Students / Disabilities Achievement in Science & Technology

Low Income Students Growth

Areas of Opportunity - Actions being Taken

Grade 6-8 Writing - Implementing Common Assessments

Grades 6-8 Geometry Standards - Accelerating Curriculum

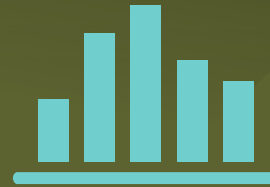
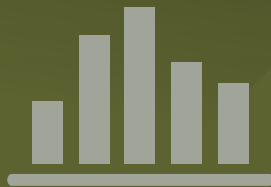
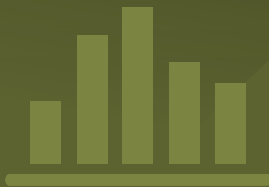
Growth Rates for Students w/ Disabilities - Focus on Co-Teaching



MCAS ELA Results Grade 10

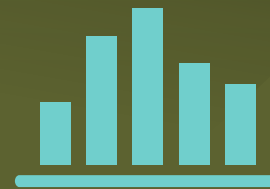
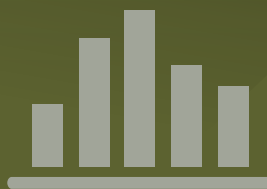
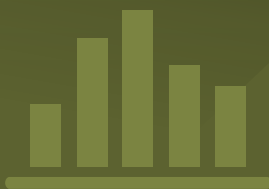
2019-2022

Grade	2019 % M/E	2021 % M/E	2022 % M/E	MPS Change M/E 19-21	MPS Change M/E 21-22	MPS Change M/E 19-22	STATE Change M/E 19-22
10	78	78	76	0	-2	-2	-3

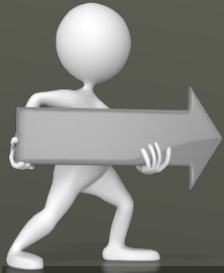


English Language Arts - Writing MCAS Results Grade 10

Grade	MPS 2022 Average % Correct Writing	State 2022 Average % Correct Writing	Difference from State
10	74	61	+13



MCAS Results by Achievement Level



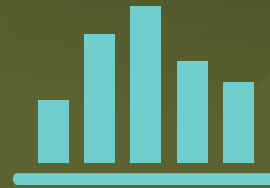
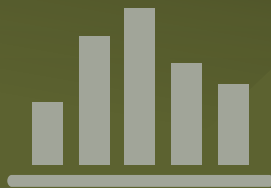
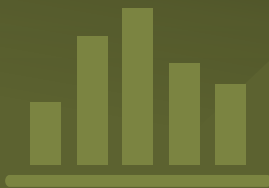
Grade 10, ELA (Overall & Student Groups)

		MPS 22- MPS 19 % Change	State 22- State 19 % Change
Overall (number of students=278)	76% of our students scored M/E as compared with 58% at the state level. In 2021, 78% of our students scored M/E. In 2019, 78% scored M/E.	-2%	-3%
EL Students * English Learners	Insufficient number of students for a group.	---	---
SWD Students with Disabilities (number of students=39)	18% of our SWD scored M/E compared to 20% at the state level. In 2021, 24% of our SWD scored M/E. In 2019, 14% of our SWD scored M/E.	+4%	-2%
Low Income (number of student=52)	54% of our Low Income student group scored M/E as compared with 39% at the state level. In 2021, 58% of our Economically Disadvantaged student group scored M/E. In 2019, 56% of our Economically Disadvantaged student group scored M/E.	-2%	-0%
High Needs (number of students=76)	43% of our High Needs student group scored M/E as compared with 38% at the state level. In 2021, 49% of our High Needs student group scored M/E. In 2019, 41% of our High Needs student group scored M/E	+2%	+2%

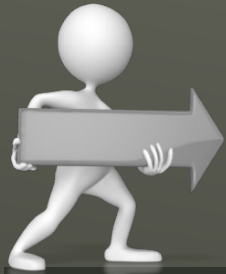
Math MCAS Results Grade 10

2019-2022

Grade	2019 % M/E	2021 % M/E	2022 % M/E	MPS Change M/E 19-21	MPS Change M/E 21-22	MPS Change M/E 19-22	STATE Change M/E 19-22
10	78	65	71	-13	+6	-7	-9



MCAS Results by Achievement Level



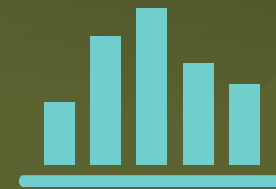
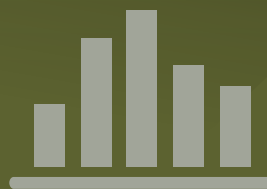
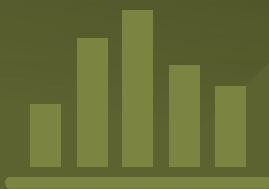
Grade 10, Math (Overall & Student Groups)

		MPS 22- MPS 19 % Change	State 22- State 19 % Change
Overall (number of students=279)	71% of our students scored M/E as compared with 58% at the state level. In 2021, 65% of our students scored M/E. In 2019, 78% scored M/E.	-7%	-9%
EL Students * English Learners	Insufficient number of students for a group.	---	---
SWD Students with Disabilities (number of students=39)	11% of our SWD scored M/E compared to 15% at the state level. In 2021, 14% of our SWD scored M/E. In 2019, 16% of our SWD scored M/E.	-5%	-4%
Low Income (number of student=52)	39% of our Low Income student group scored M/E as compared with 28% at the state level. In 2021, 38% of our Economically Disadvantaged student group scored M/E. In 2019, 53% of our Economically Disadvantaged student group scored M/E.	-14%	-7%
High Needs (number of students=76)	32% of our HN students scored M/E as compared with 29% at the state level. In 2021, 33% of our HN students scored M/E. In 2019, 41% of our HN students scored M/E.	-9%	-4%

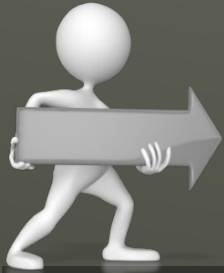
MHS Biology MCAS Results by Grade 2022

Grade	MPS 2022 % M/E	State 2022 % M/E	MPS to State +/-
10*	61	45	+16

*First administration of the Next-Generation Science MCAS in grade 10 Biology and not comparable to prior years.



MCAS Results by Achievement Level



MHS, Biology (Overall & Student Groups)

		MPS to State 2022
Overall (number of students=238)	61% of our students scored M/E as compared with 45% at the state level.	+16%
EL Students * English Learners	Insufficient number of students for a group.	---
SWD Students with Disabilities (number of students=39)	13% of our SWD scored M/E compared to 16% at the state level.	-3%
LI Low Income Students (number of student=57)	36% of our LI students scored M/E as compared with 26% at the state level.	+10%
HN High Needs Students (number of students=78)	33% of our HN students scored M/E as compared with 26% at the state level.	+7%

Mansfield High School

MCAS

Observations

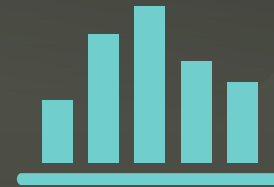
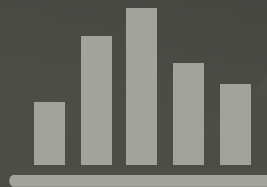
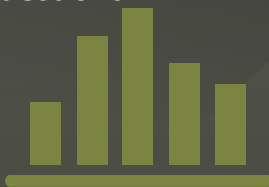
- All students from Class of 2024 who took the MCAS met the competency determination for ELA
- Our High Needs and Students with Disabilities groups have increased 2% and 4% since 2019
- Class of 2024 increased M/E by 10% from grade 7 MCAS Math (last exam taken)
- Science MCAS was 16% high than the state average for first administration of Next-Gen test

Areas of Strength

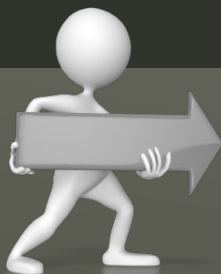
- ELA students scored 13% higher than state average on essay writing
- ELA students in High Needs student group achieved an SGP of 57 compared to state average of 45
- Analyzing priority standards in Math, student achievement exceeded state averages in priority areas
- In first year of Next-Gen test, Biology M/E% is 16% above state average

Areas of Opportunity

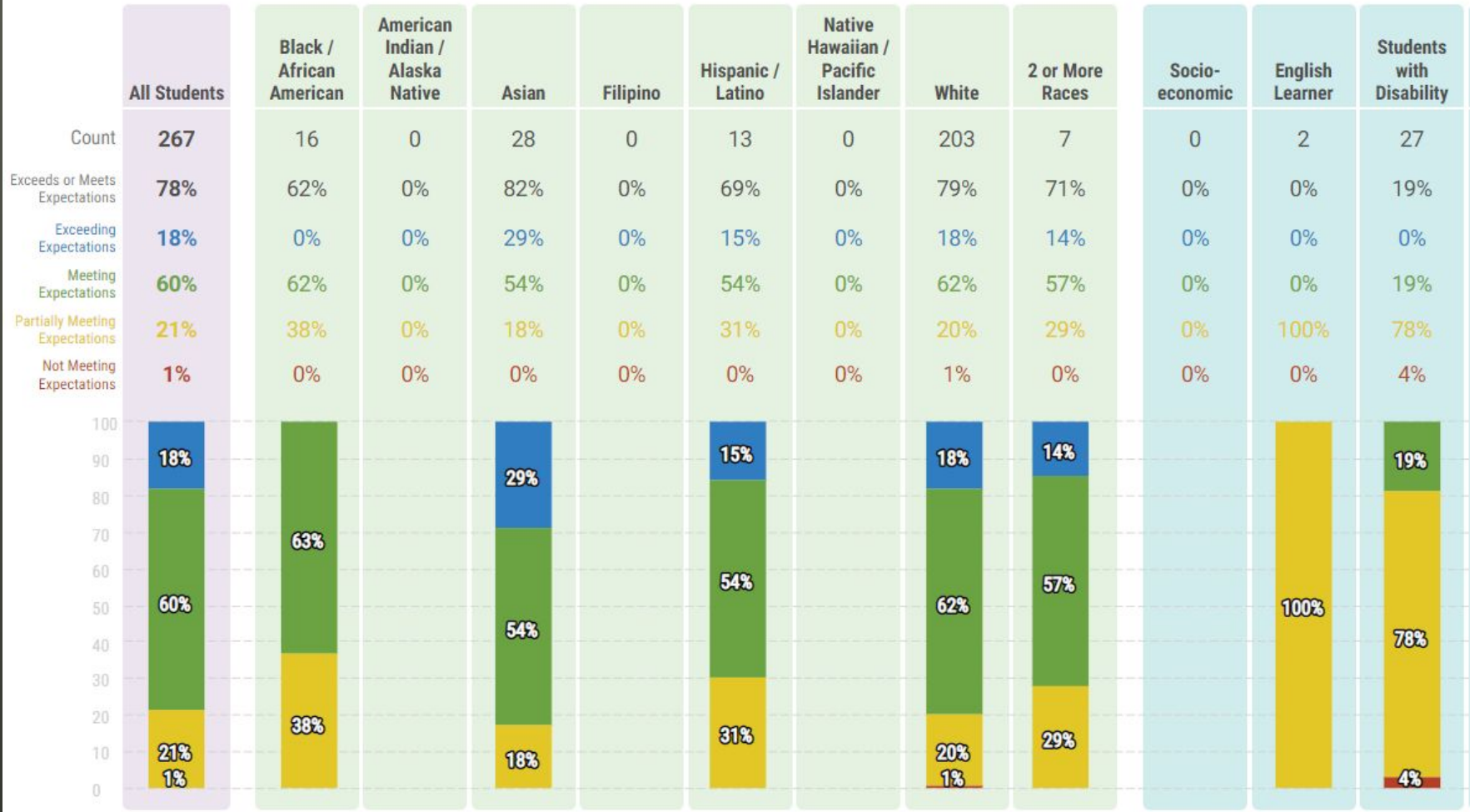
- Utilize Illuminate Ed with our ELA writing program as a means of tracking student achievement to more readily identify areas of for improvement and focus
- Continue to identify students for 1-1 MCAS support in ELA and Math
- Evaluate and improve use of co-teaching in MCAS areas
- Implementing instruction and support for constructed response (CR) questions in Math
- Claim Evidence Reasoning method of scientific explanation to support students in answering CR questions



MCAS Results Grade 10 ELA - Performance Levels



Percent of Students at Each Performance Level



Mansfield Public Schools

2022 District MCAS Assessment Overview

Questions...