2022-2023 Accountability Data Report Middle School

Board of Education Meeting
January 23, 2024

Presented by:

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Aaron Grupka, Director of Curriculum, Instruction & Assessment

Current NYS Assessment Data (2022-2023)

The results of the 2022-2023 Grades 3-8 English Language Arts and Mathematics represent student achievement on the new Next Generation Learning Standards. Because the tests measure different learning standards, the results are not comparable to those from prior years.

For the purpose of tonight's presentation, we will look at the opportunity for us to use the 2022-2023 data as a baseline to evaluate the effectiveness of our District Comprehensive Improvement Plan, our Literacy Steering Committee, and all other curricular initiatives where data can be collected, reviewed and evaluated.

Subgroup Overview OPMS (23-24)

Female	Male	Total
528	530	1058

# Students Economically Disadvantaged	% Economically Disadvantaged
132	12.5%

Asian	Black	Hispanic	Indian	Multi-Racial	Pacific Islander	White	Total Students
14	15	36		33		960	1058

Subgroup Overview OPMS (23-24)

# Special Education Students	2023-2024 Enrollment	% Special Education Students
146	1058	13.8%

Current ELL Eligible	Former ELL Count	Ever ELL Count
2	7	13

2022-2023
Test Refusals

Test Refusals

	Eligible	Tested	Refused	% Refused
Grade 6 ELA	335	262	69	21%
Grade 7 ELA	346	235	98	28%
Grade 8 ELA	375	254	118	31%

	Eligible	Tested	Refused	% Refused
Grade 6 Math	334	261	72	22%
Grade 7 Math	345	243	100	29%
Grade 8 Math	375	172	102	27%

Overall District Refusal Rate

District	Refusal Rate
IROQUOIS CSD	38.55%
HAMBURG CSD	36.50%
FORESTVILLE CSD	36.45%
EDEN CSD	35.15%
FRONTIER CSD	34.10%
WEST SENECA CSD	29.50%
WILLIAMSVILLE CSD	28.70%
KENMORE-TONAWANDA UFSD	27.95%
DEPEW UFSD	26.75%
EVANS-BRANT CSD (LAKE SHORE)	23.45%
HOLLAND CSD	23.40%
LANCASTER CSD	23.35%
GRAND ISLAND CSD	23.10%
EAST AURORA UFSD	22.05%
FREDONIA CSD	20.40%
ORCHARD PARK CSD	19.35%
ALDEN CSD	18.40%
TONAWANDA CITY SD	18.20%
SWEET HOME CSD	17.00%
SPRINGVILLE-GRIFFITH INST CSD	16.50%
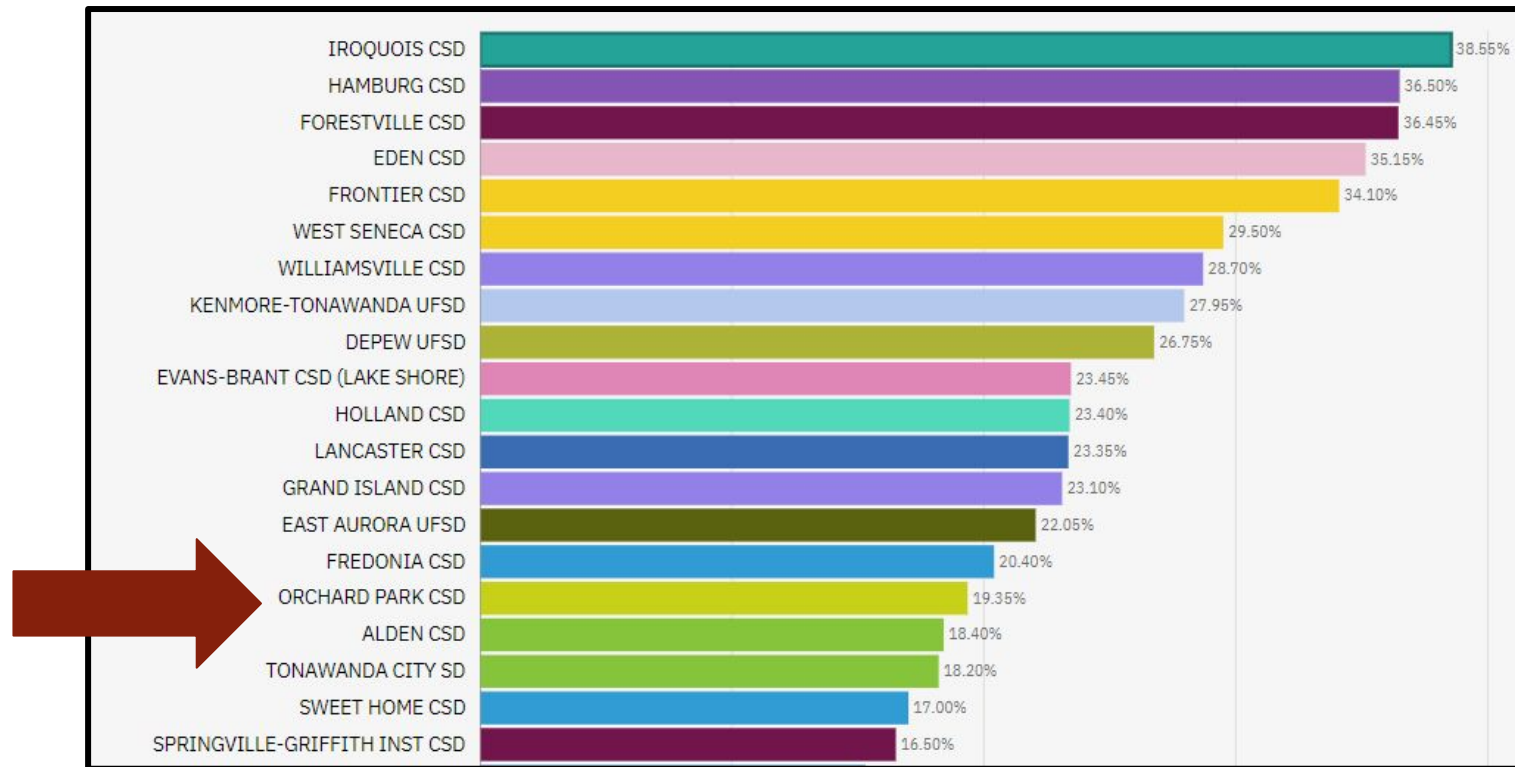
2022-2023
Proficiency Data
ELA, Math and Science

3 Year Comparison Data - ELA Exam

	2022-2023 Passing*	2021-2022 Passing*	2018-2019 Passing*
Grade 6 ELA	58%	81%	66%
Grade 7 ELA	58%	58%	51%
Grade 8 ELA	71%	64%	58%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.

Levels 1-4 - ELA Exam

	Level 1	Level 2	Level 3	Level 4	Total Passing
Grade 6 ELA	11%	31%	32%	26%	58%
Grade 7 ELA	14%	28%	40%	18%	58%
Grade 8 ELA	7%	22%	45%	26%	71%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.

3 Year Comparison Data - Math Exam

	2022-2023 Passing	2021-2022 Passing	2018-2019 Passing
Grade 6 Math	74%	56%	64%
Grade 7 Math	70%	39%	58%
Grade 8 Math	62%	21%	37%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.
*Excludes students taking Algebra in 8th grade. Roughly 90 students take Algebra in 8th grade each year.

Levels 1-4 Data - Math Exam

	Level 1	Level 2	Level 3	Level 4	Total Passing
Grade 6 Math	8%	19%	59%	15%	74%
Grade 7 Math	4%	27%	45%	25%	70%
Grade 8 Math	17%	20%	57%	5%	62%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.

3 Year Comparison Data - Science Exam

	2022-2023 Passing	2021-2022 Passing	2018-2019 Passing
Grade 8 Science	82%	70%	91%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.

*Excludes students taking Earth Science in 8th grade. Roughly 60-70 students take Earth Science in 8th grade each year.

Levels 1-4 Data - Science Exam

	Level 1	Level 2	Level 3	Level 4	Total Passing
Grade 8 Science	4%	14%	58%	24%	82%

*Passing percentages are the total students scoring a Level 3 or Level 4 combined.

*Excludes students taking Earth Science in 8th grade. Roughly 60-70 students take Earth Science in 8th grade each year.
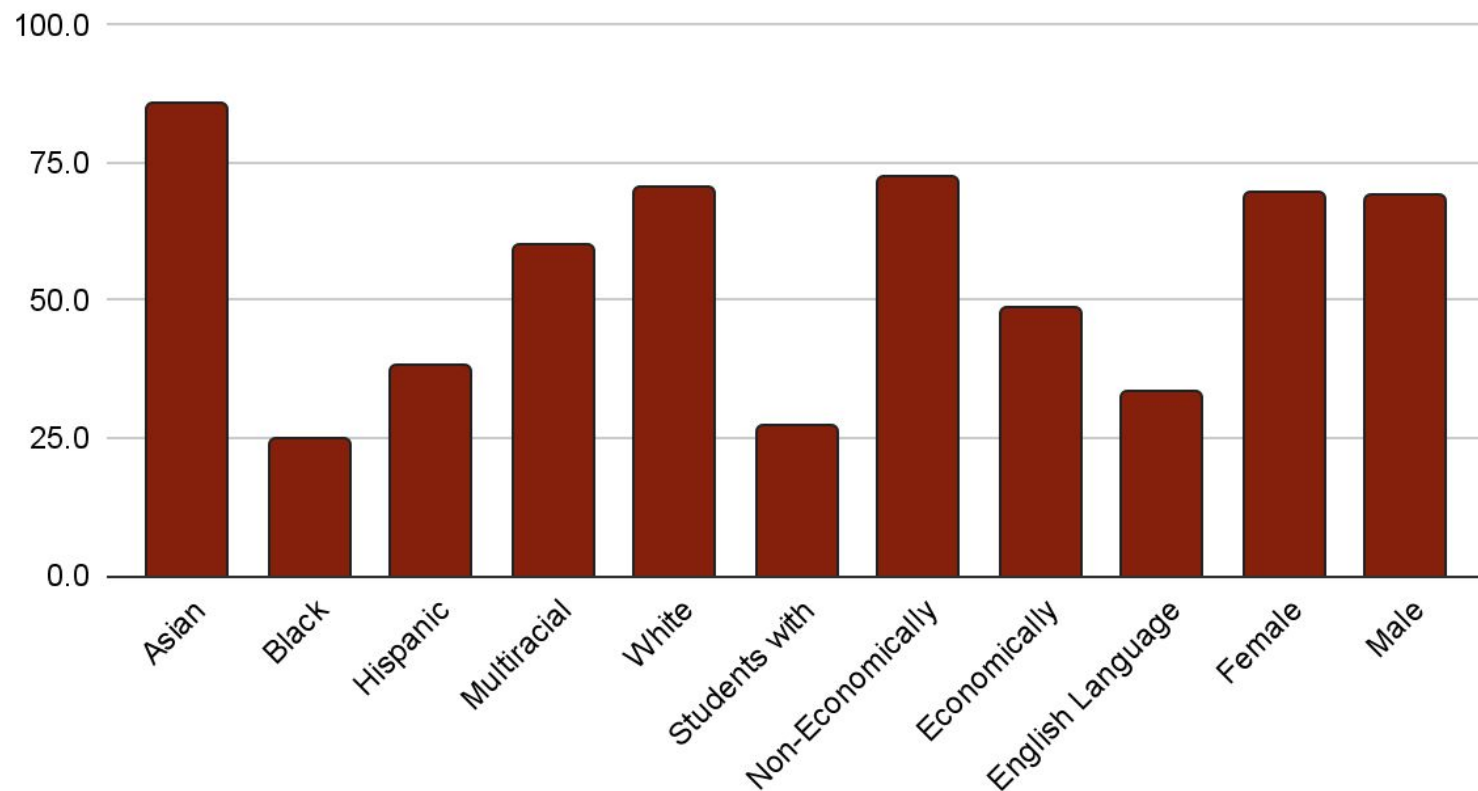
Math Grades 6-8 Subgroup Proficiency Levels 22-23

MATH 6-8	Proficient %	Total Tested	Total Eligible	Proficient	Not Proficient
Asian	85.7	7	15	6	1
Black	25.0	4	10	1	3
Hispanic	38.1	21	35	8	13
Multiracial	60.0	15	28	9	6
White	70.6	629	965	444	185
Students with Disabilities	27.4	84	160	23	61
Non-Economically Disadvantaged	72.6	583	876	423	160
Economically Disadvantaged	48.4	93	178	45	48
English Language Learners	33.3	3	3	1	2
Female	69.6	352	558	245	107
Male	68.8	324	496	223	101

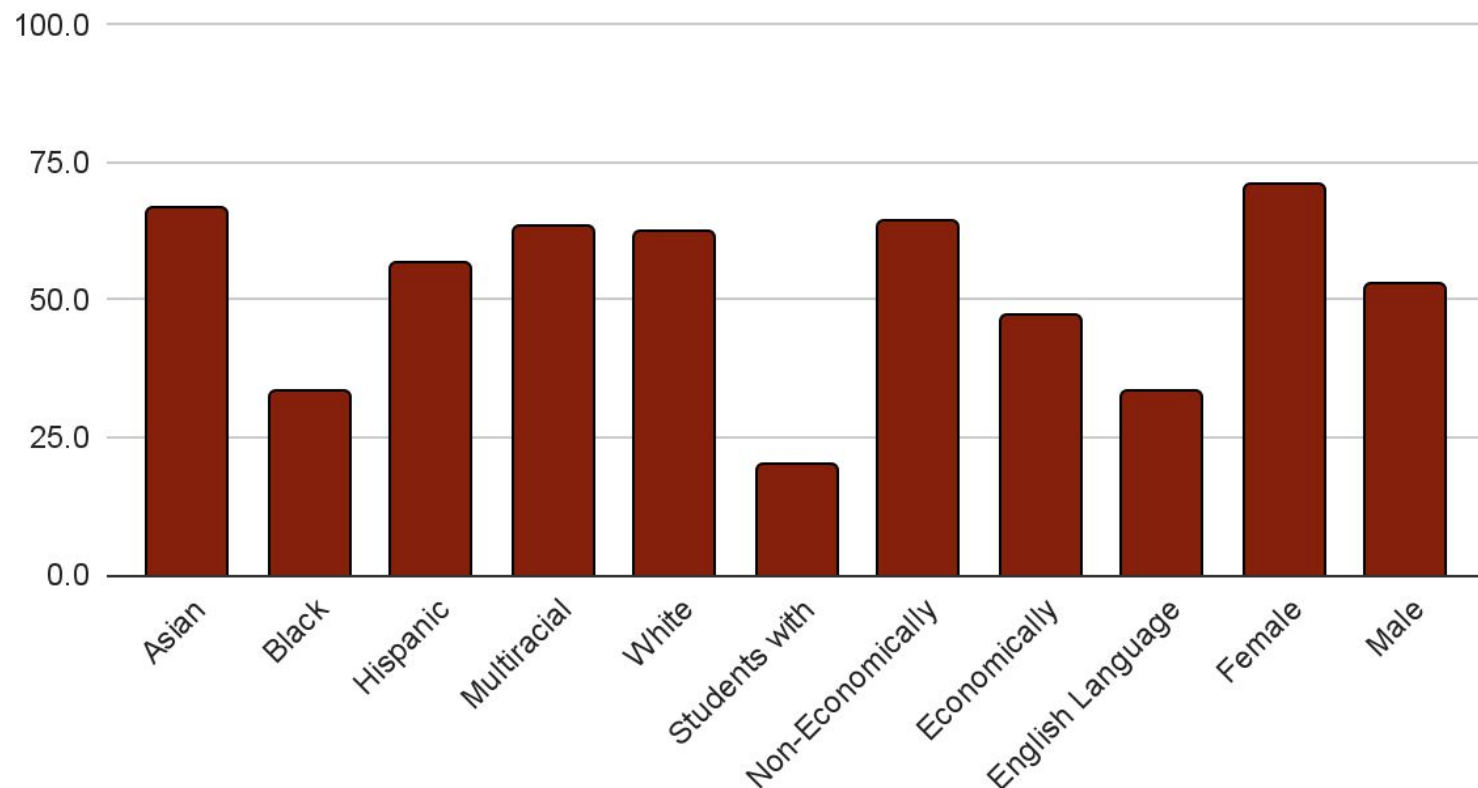Math 6- 8 Percent Proficient by subgroup

ORCHARD PARK CENTRAL SCHOOL DISTRICT

ELA Grades 6-8 Subgroup Proficiency Levels 22-23

ELA 6-8	Proficient %	Total Tested	Total Eligible	Proficient	Not Proficient
Asian	66.7	10	15	10	5
Black	33.3	6	10	2	4
Hispanic	56.5	23	35	13	10
Multiracial	63.2	19	29	12	7
White	62.3	692	966	431	261
Students with Disabilities	20.0	85	160	17	68
Non-Economically Disadvantaged	64.4	658	877	424	234
Economically Disadvantaged	47.3	93	179	44	49
English Language Learners	33.3	3	3	1	2
Female	71.0	393	559	279	114
Male	52.8	358	497	189	169

ORCHARD PARK CENTRAL SCHOOL DISTRICT

ELA 6-8 Percent Proficient by subgroup

ORCHARD PARK CENTRAL SCHOOL DISTRICT

Comparison Data 2022-2023

Comparison Math Proficiency Data
8th Grade Math, All Students

	Level 1% (Average)	Level 2% (Average)	Level 3% (Average)	Level 4% (Average)	Passing % (Average)
Clarence CSD	8.4	14.5	69.3	7.8	77.1
Akron CSD	7.6	16.5	46.8	29.1	75.9
East Aurora UFSD	16.7	14.3	53.6	15.5	69
Williamsville CSD	15.8	15.4	55.6	13.2	68.8
Amherst CSD	22.9	13.6	46.6	16.9	63.6
Orchard Park CSD	17.4	20.3	57	5.2	62.2
Eden CSD	25	14.3	57.1	3.6	60.7
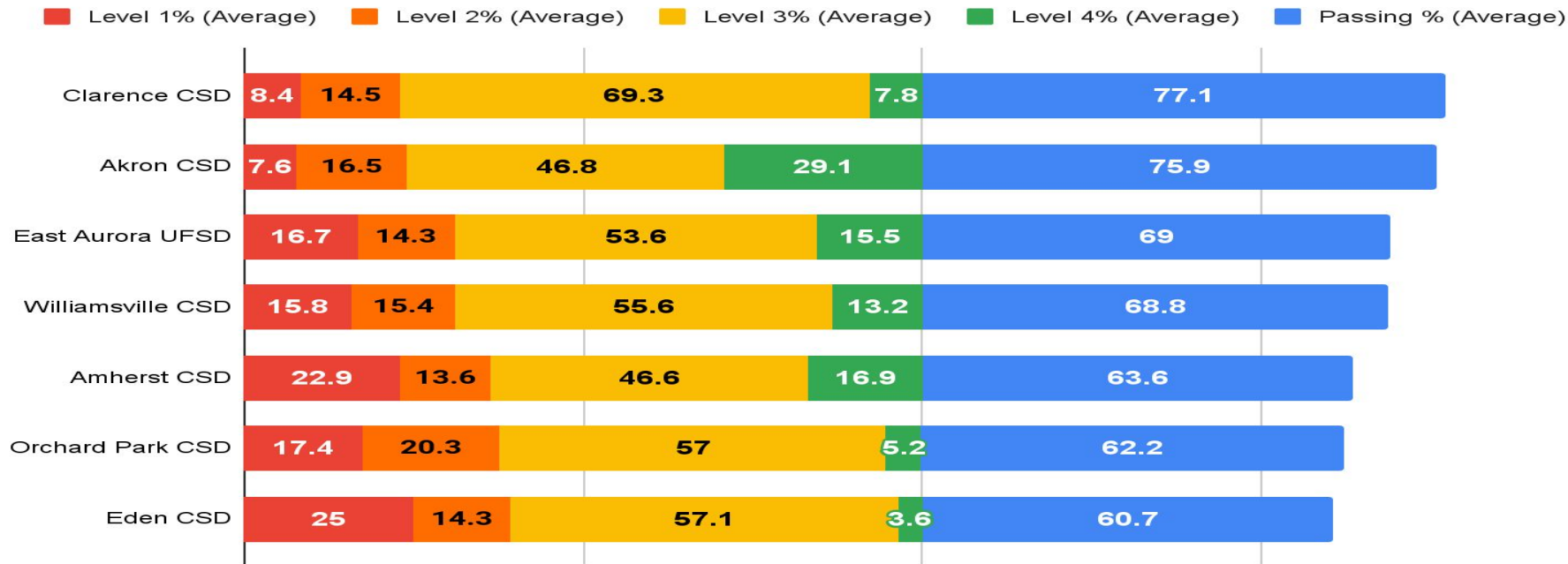
Comparison ELA Proficiency Data
8th Grade ELA, All Students

Legend: ■ Level 1% (Average) ■ Level 2% (Average) ■ Level 3% (Average) ■ Level 4% (Average) ■ Passing % (Average)

District	Level 1%	Level 2%	Level 3%	Level 4%	Passing %
Orchard Park CSD	7.5	21.7	45.3	25.6	70.9
Clarence CSD	5.7	24.4	48	21.9	69.9
Williamsville CSD	10.8	19.6	38.1	31.5	69.6
Amherst CSD	11.7	19.9	29.8	38.6	68.4
Akron CSD	3.3	29.3	47.8	19.6	67.4
Grand Island CSD	7.1	31	42.9	19	61.9
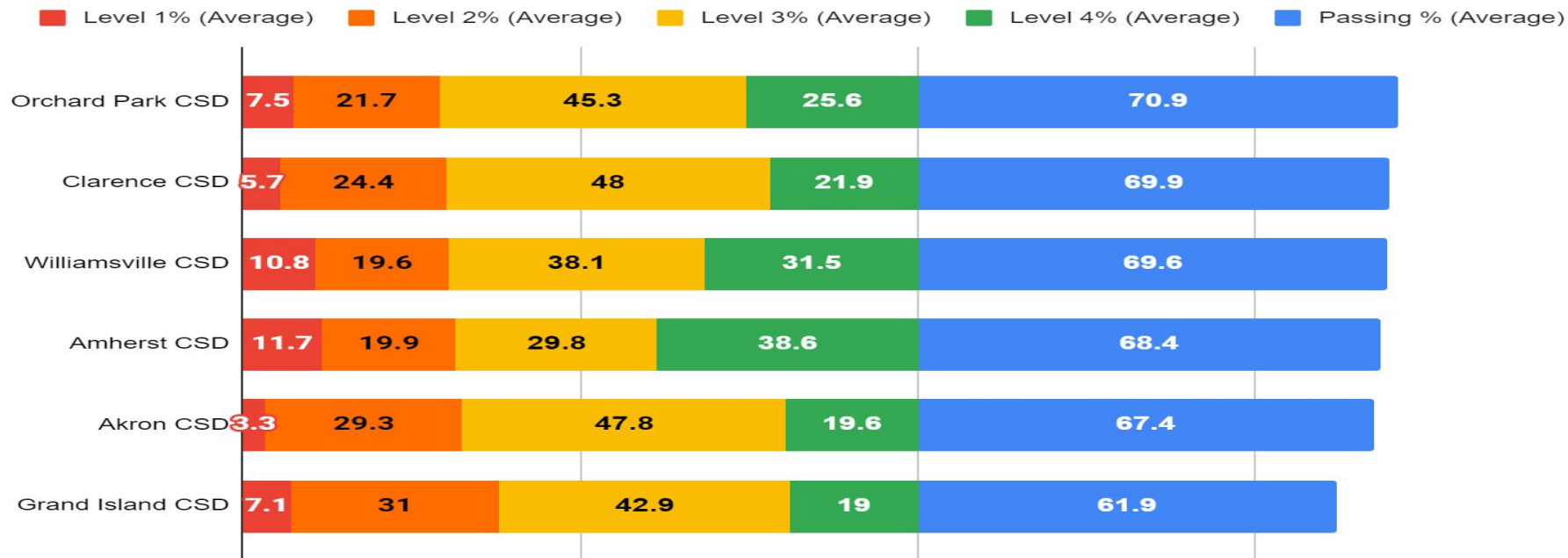
Similar District ELA Proficiency Data
Economically Disadvantaged, Grades 6-8

Legend: Level 1% (Average), Level 2% (Average), Level 3% (Average), Level 4% (Average), Passing % (Average)

District	Level 1%	Level 2%	Level 3%	Level 4%	Passing %
Williamsville CSD	20.3	31.2	30.4	18.1	48.5
Orchard Park CSD	19.2	33.2	30.6	17	47.6
Clarence CSD	21.8	33.4	31.5	13.3	44.9
Lancaster CSD	30.3	38.3	21.4	10	31.4
East Aurora UFSD	25.8	45.5	26	2.8	28.8
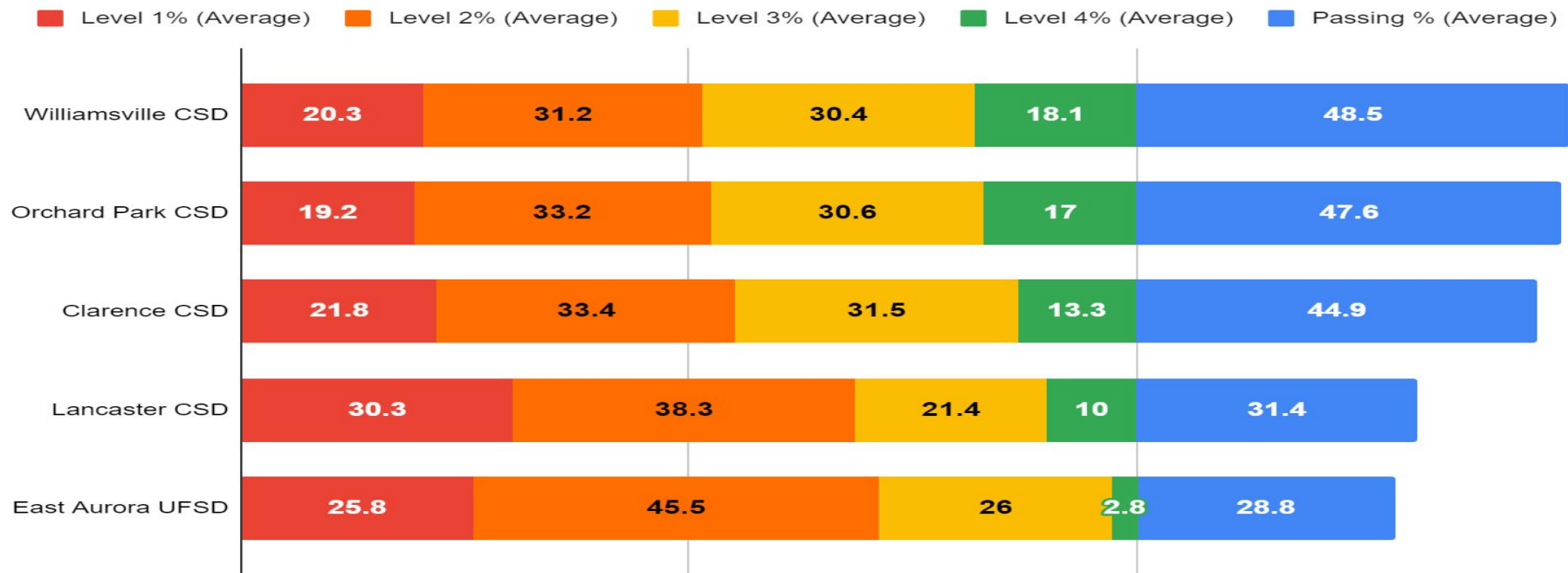
Similar District ELA Proficiency Data
Students with Disabilities, Grades 6-8

Legend: ■ Level 1% (Average)　■ Level 2% (Average)　■ Level 3% (Average)　■ Level 4% (Average)　■ Passing % (Average)

District	Level 1%	Level 2%	Level 3%	Level 4%	Passing %
Williamsville CSD	32.7	34.6	26.7	6	32.6
Clarence CSD	40.6	27.8	27.8	3.8	31.6
Orchard Park CSD	37.3	34	28.7		28.7
East Aurora UFSD	46.3	32.9	17.1	3.7	20.8
Lancaster CSD	65.6	21	12.7	0.6	13.3
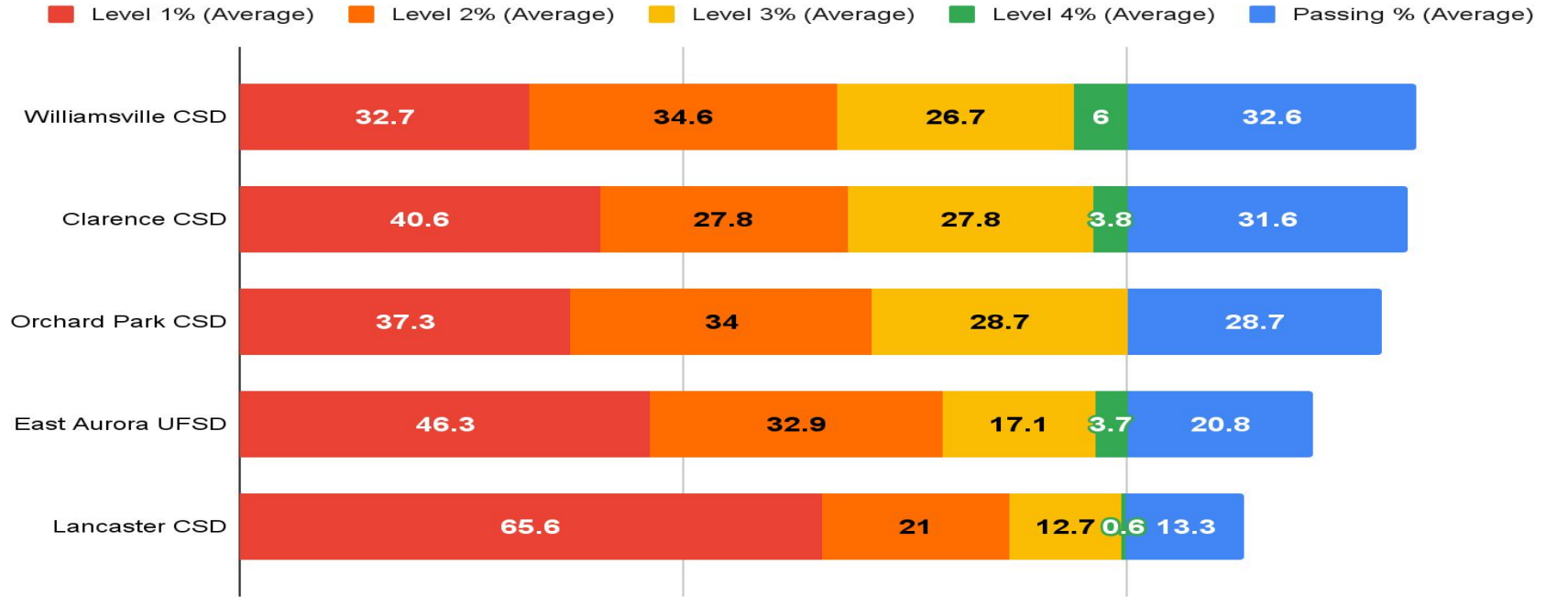
How do we discuss data at the Middle School?

- Data points considered
  - 6-8 NYS Assessment Data
  - Universal Screening Data in Math and ELA
    - STAR Math
    - aReading
  - Unit Assessments/Quarterly Report Card Grades
  - Running Records *as needed*
  - Attendance
- Determine areas of need by student
- Determine enrollment into AIS Math, AIS ELA, Tier 3 Reading Instruction
  - Beginning of the year
  - Throughout the year through our MTSS process
- Determine enrollment in our Learning Center and targeted after school support

All students are considered for additional services

- Of the current 4th and 5th graders,
    - 45% of the students who scored higher than 20th percentile on aReading and whose NYS ELA Assessment score identified them to be considered for AIS services are receiving additional supports.
- Of the current 6th through 8th graders,
    - 38% of the students who scored higher than 20th percentile on aReading and whose NYS ELA Assessment score identified them to be considered for AIS services are receiving additional supports.
    - 35% of the students who refused the NYS ELA Assessment are receiving additional supports.
    - 32% of the students who refused the NYS Math Assessment are receiving additional supports.

Questions?