2024 MCAS

Data Presentation

Key Findings

- Continuation of overall high performance
- Strong Student Growth Percentiles
- Performance in comparison to like/nearby districts remains highly competitive
- An opportunity to examine subgroup performance, and identify strategic priorities for systemic improvement to close achievement gaps

Different Ways to Look at Data

- Looking at Westwood achievement over time
- Analyzing Student Growth data alongside achievement measures
- Comparisons to like/nearby districts

Different Ways to Look at Data

- Percent Meeting/Exceeding
  - The percentage of students whose scores are in the categories of "Meeting" or "Exceeding" Expectations, as opposed to "Partially Meeting" or "Not Meeting"
- Average Scaled Score
  - The average scaled score of all students who took the MCAS
- Student Growth Percentile (SGP)
  - A measure of student growth; for an individual student, their percentile rank compared to other students statewide with similar score histories
  - At the school/district level, SGP is the average of all students' SGPs
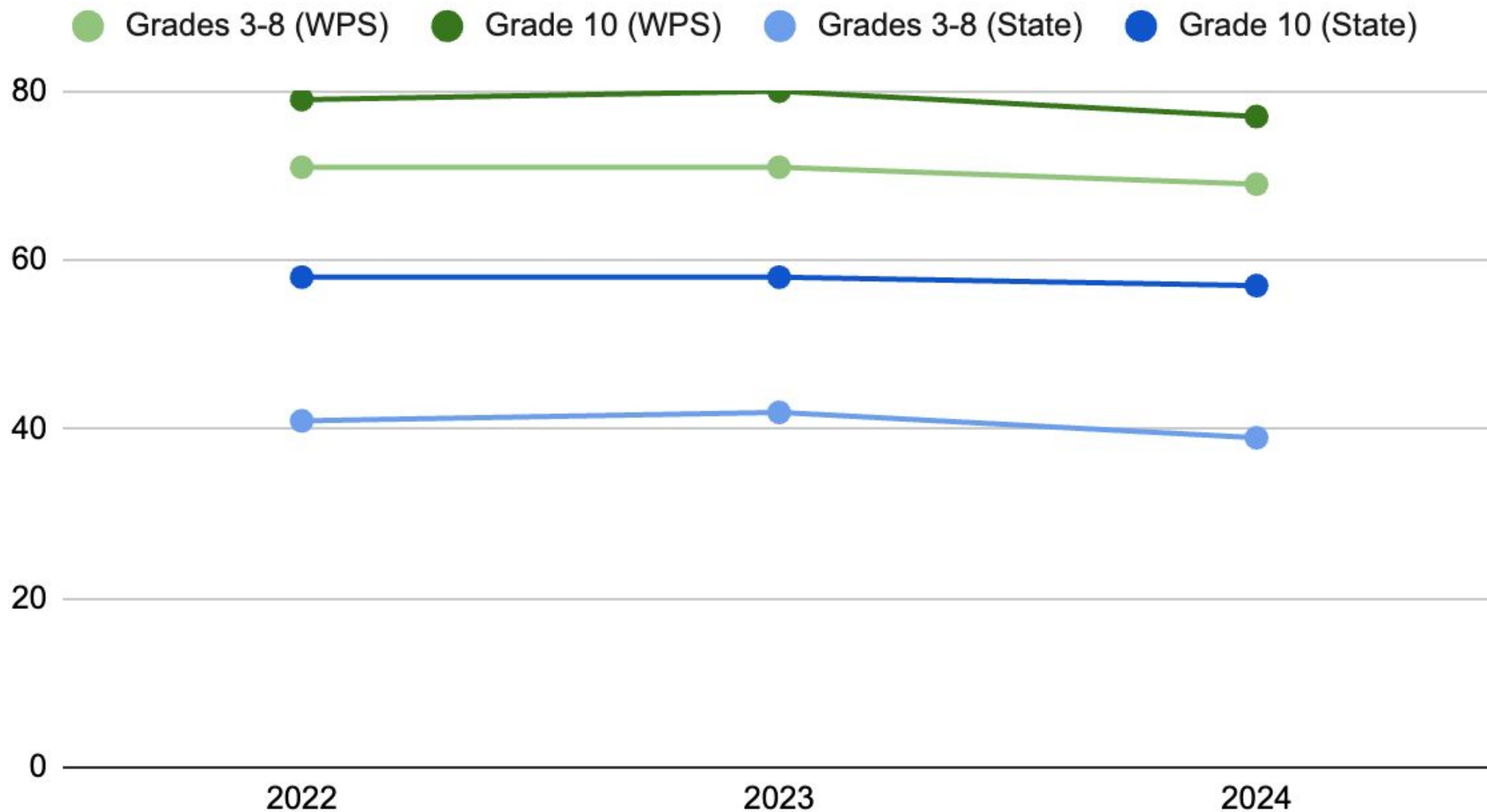
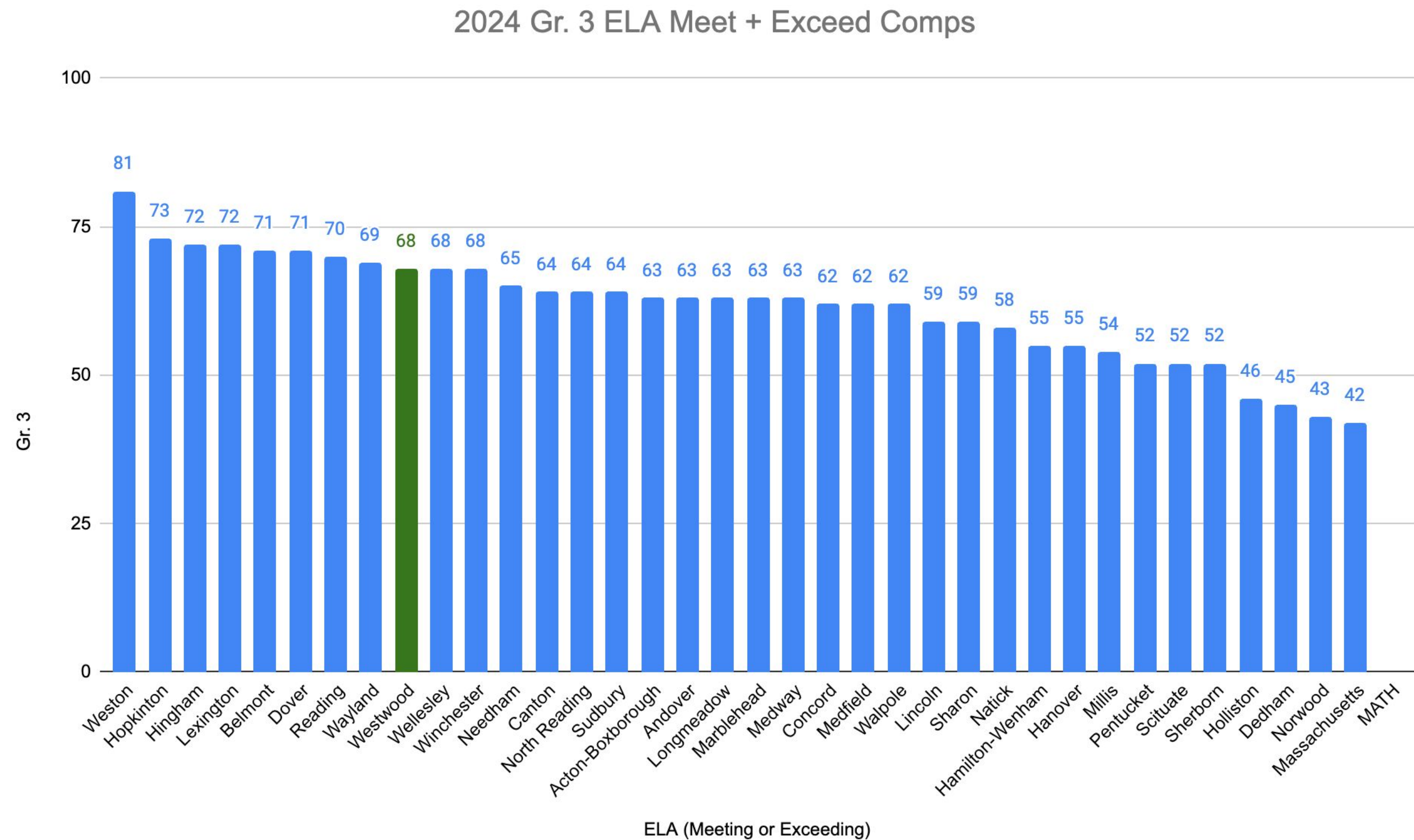| Districts Used for Comparison to Westwood Data		
The Education Collaborative (TEC) Districts	**High-Performing Districts**	**DART Districts (selected by DESE)**
Canton	Acton-Boxborough	Hamilton-Wenham
Dedham	Andover	Hanover
Dover-Sherborn	Belmont	Hingham
Holliston	Concord-Carlisle	Longmeadow
Hopkinton	Dover-Sherborn	Marblehead
Medfield	Hopkinton	Masconomet
Medway	Lexington	North Reading
Millis	Lincoln Sudbury	Pentucket
Natick	Needham	Reading
Needham	Sharon	Scituate
Norwood	Wayland	
Walpole	Wellesley	
Wayland	Weston	
	Winchester	

ELA

ELA Key Findings

- Continuation of overall high performance, despite small declines in most grade levels from 2023 that mirror statewide performance

- SGPs in the typical to high range; Grade 5 demonstrating high growth with an average SGP of 61%

- Grade 10 achievement very strong, with 77% Meeting and Exceeding Expectations

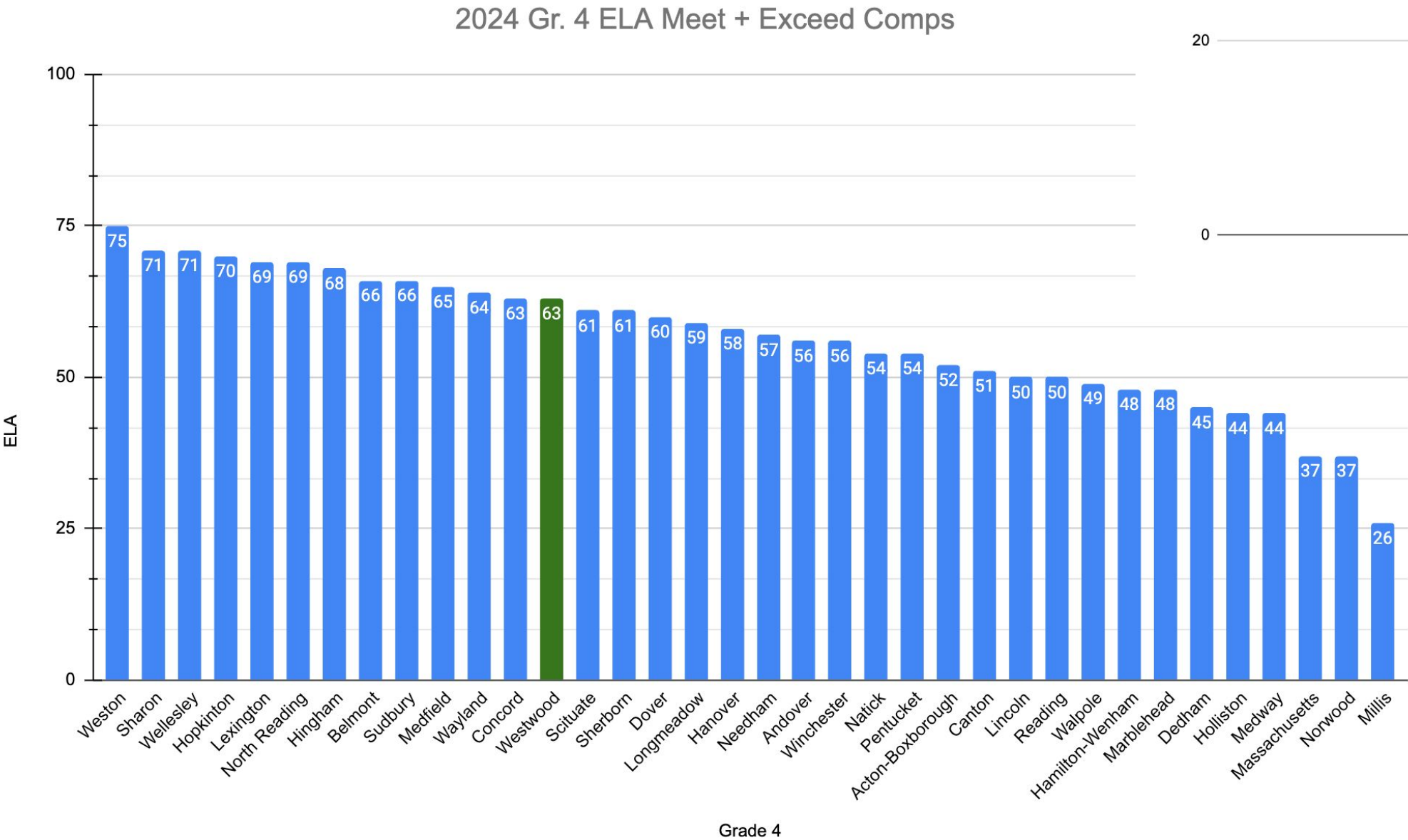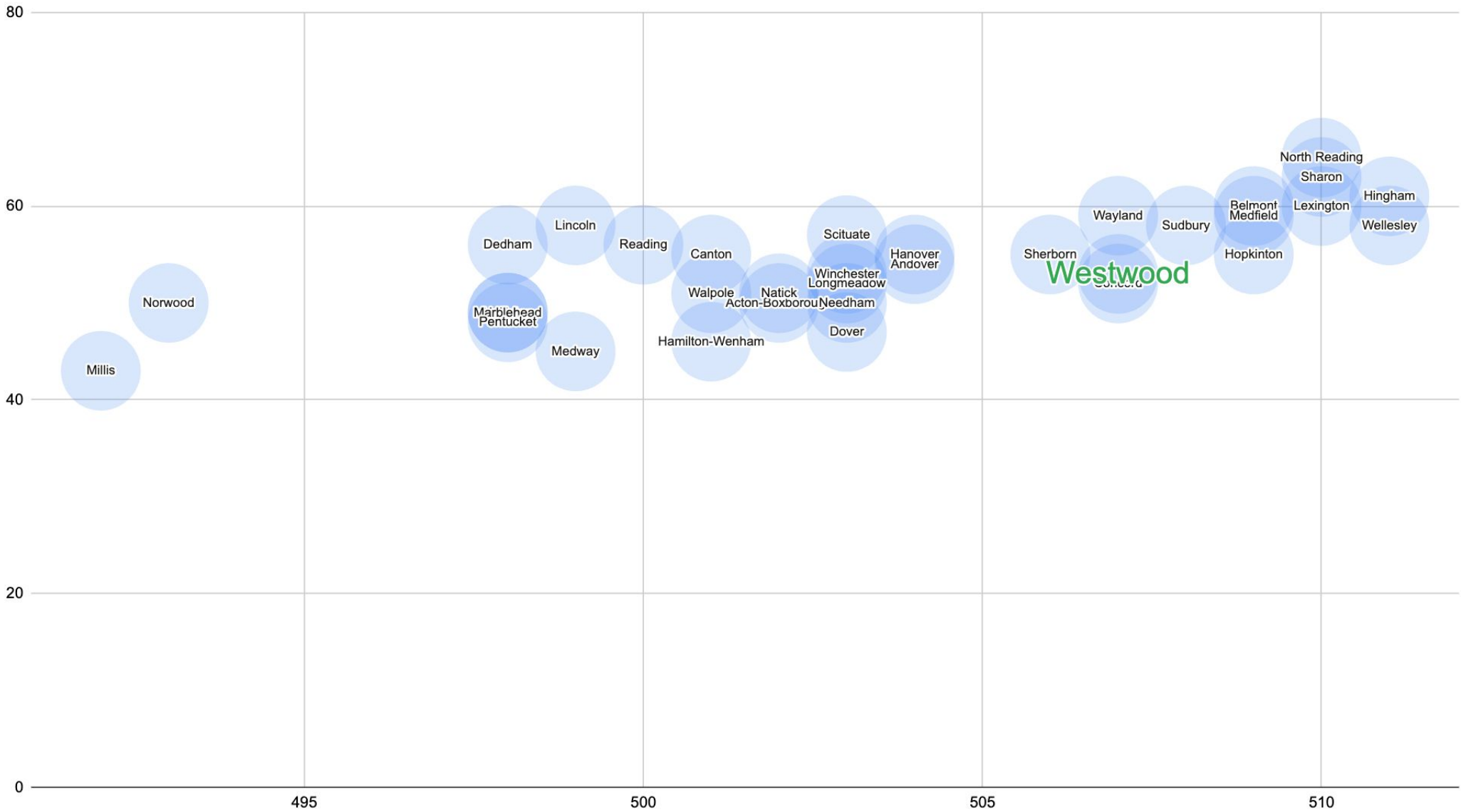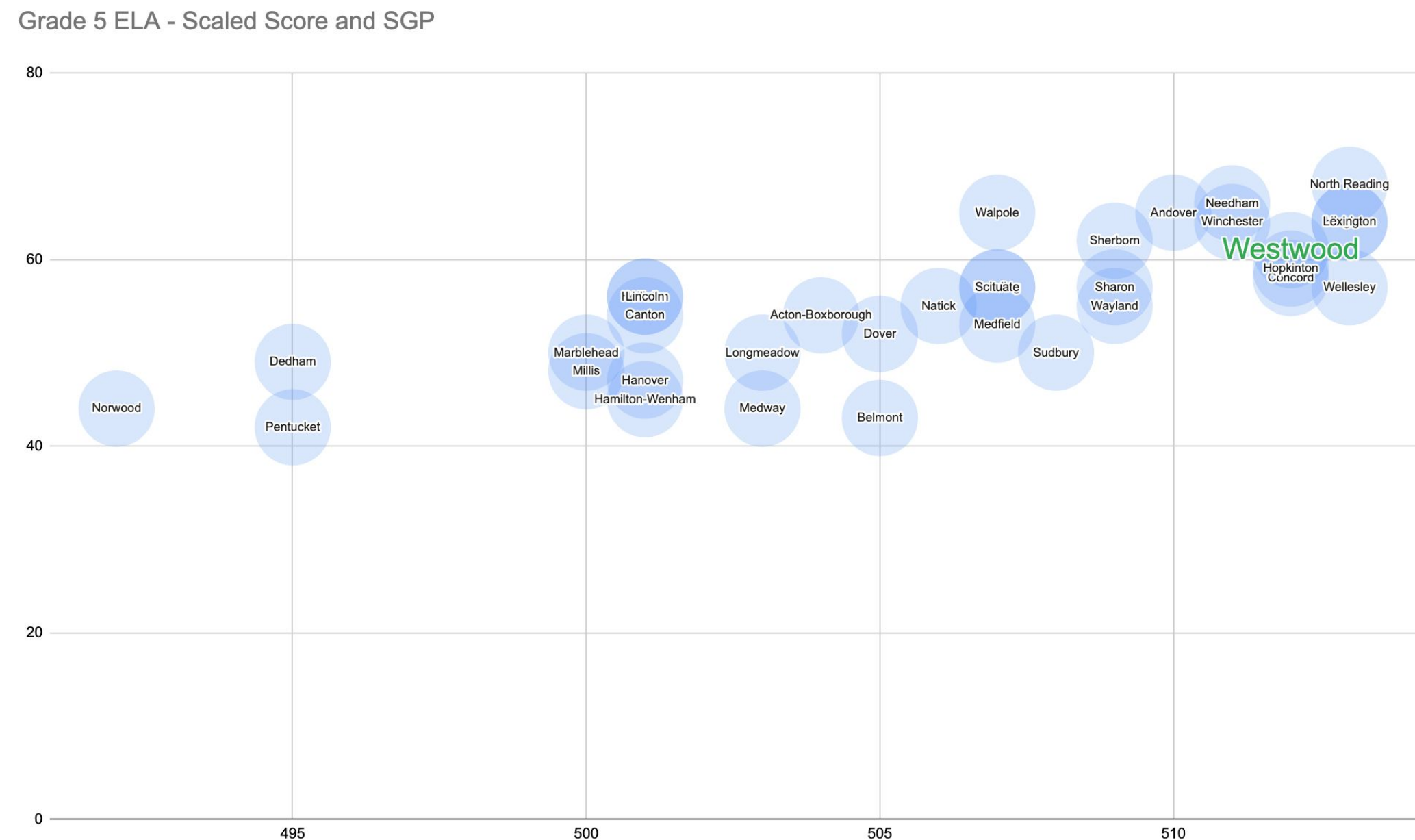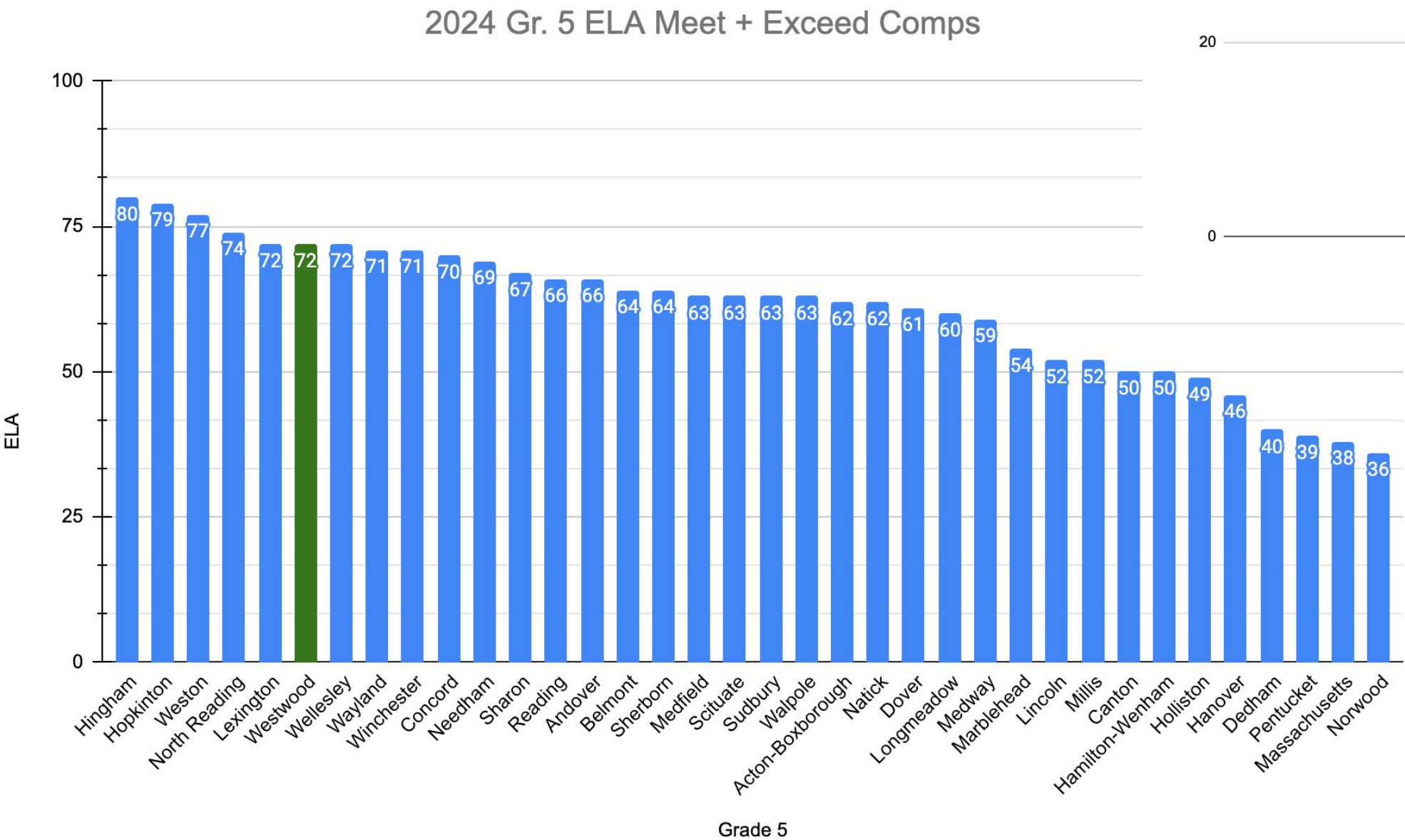# ELA Meeting & Exceeding Expectations Grades 3-8, 10

Grade 3 ELA

2024 Gr. 3 ELA Meet + Exceed Comps

Weston	81
Hopkinton	73
Hingham	72
Lexington	72
Belmont	71
Dover	71
Reading	70
Wayland	69
Westwood	68
Wellesley	68
Winchester	68
Needham	65
Canton	64
North Reading	64
Sudbury	64
Acton-Boxborough	63
Andover	63
Longmeadow	63
Marblehead	63
Medway	63
Concord	62
Medfield	62
Walpole	62
Lincoln	59
Sharon	59
Natick	58
Hamilton-Wenham	55
Hanover	55
Millis	54
Pentucket	52
Scituate	52
Sherborn	52
Holliston	46
Dedham	45
Norwood	43
Massachusetts	42
MATH	

ELA (Meeting or Exceeding)

Grade 4 ELA

Grade 4 ELA - Scaled Score and SGP

2024 Gr. 4 ELA Meet + Exceed Comps

Bar chart values (left to right): Weston 75, Sharon 71, Wellesley 71, Hopkinton 70, Lexington 69, North Reading 69, Hingham 68, Belmont 66, Sudbury 66, Medfield 65, Wayland 64, Concord 63, Westwood 63, Scituate 61, Sherborn 61, Dover 60, Longmeadow 59, Hanover 58, Needham 57, Andover 56, Winchester 56, Natick 54, Pentucket 54, Acton-Boxborough 52, Canton 51, Lincoln 50, Reading 50, Walpole 49, Hamilton-Wenham 48, Marblehead 48, Dedham 45, Holliston 44, Medway 44, Massachusetts 37, Norwood 37, Millis 26

Grade 5 ELA

Grade 5 ELA - Scaled Score and SGP

2024 Gr. 5 ELA Meet + Exceed Comps

Grade 6 ELA

Grade 6 ELA - Scaled Score and SGP

2024 Gr. 6 ELA Meet + Exceed Comps

Grade 7 ELA

Grade 7 ELA - Scaled Score and SGP

2024 Gr. 7 ELA Meet + Exceed Comps
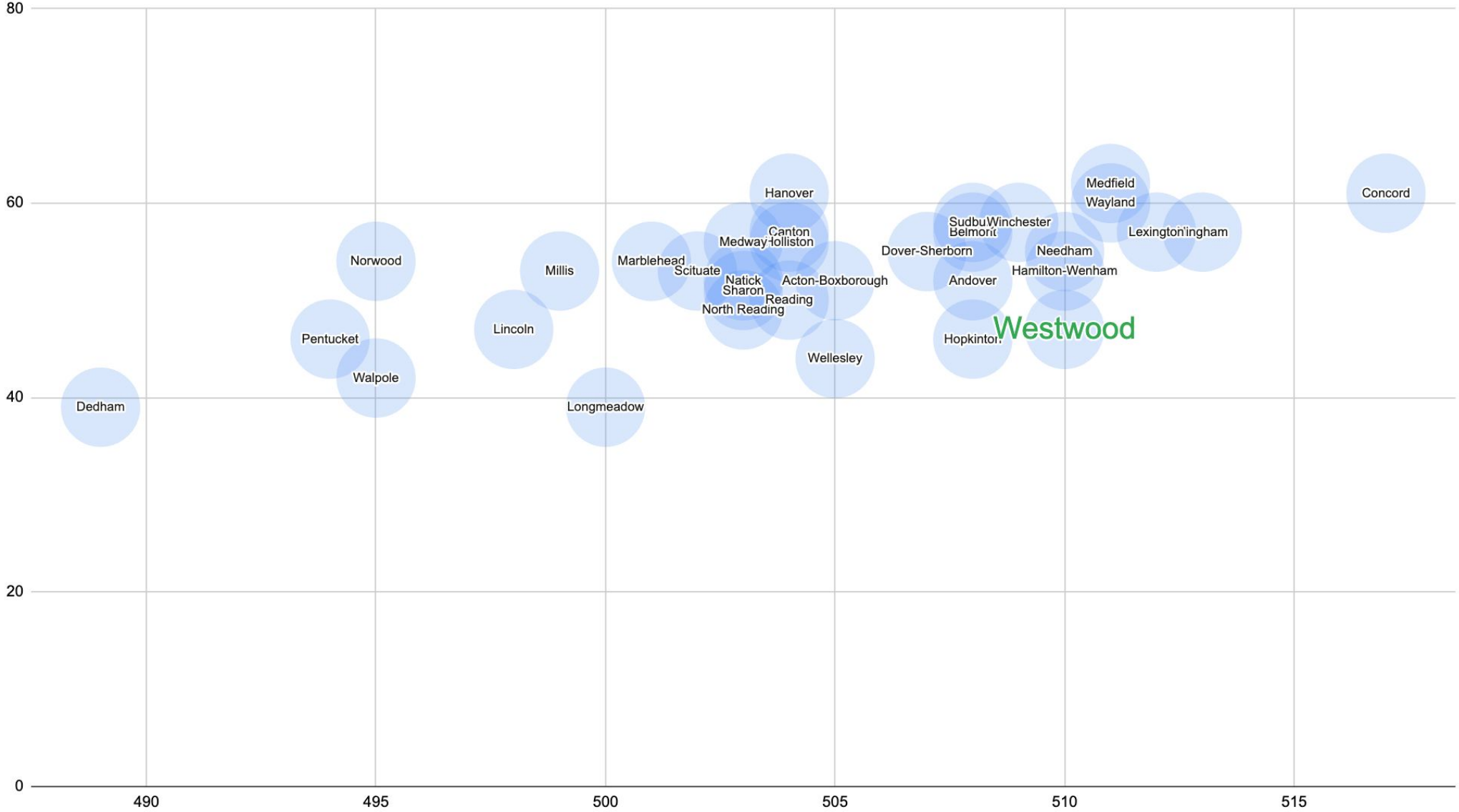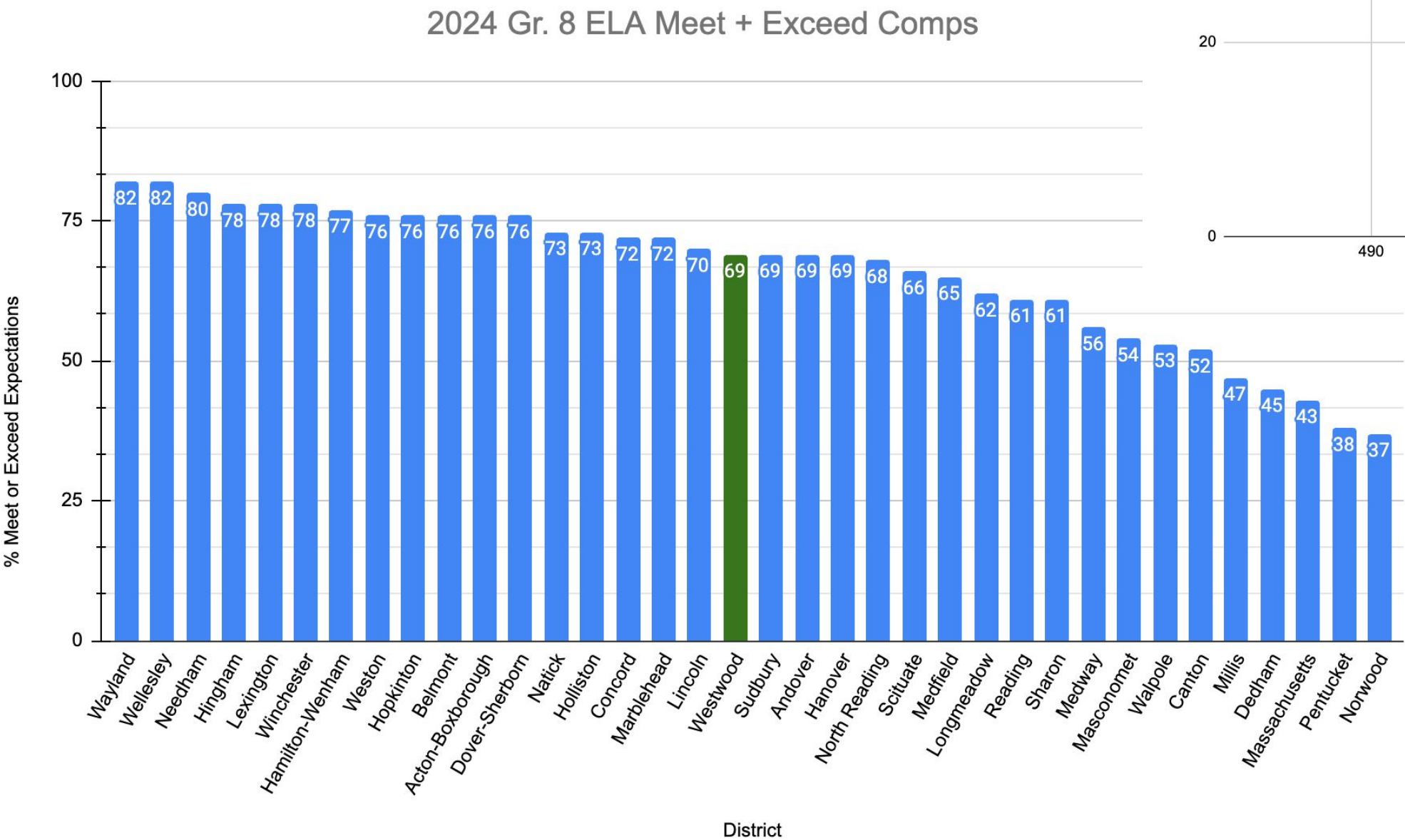
Grade 8 ELA

Grade 8 ELA - Scaled Score and SGP

2024 Gr. 8 ELA Meet + Exceed Comps

Grade 10 ELA

Grade 10 ELA - Scaled Score and SGP

2024 Gr. 10 ELA Meet + Exceed Comps
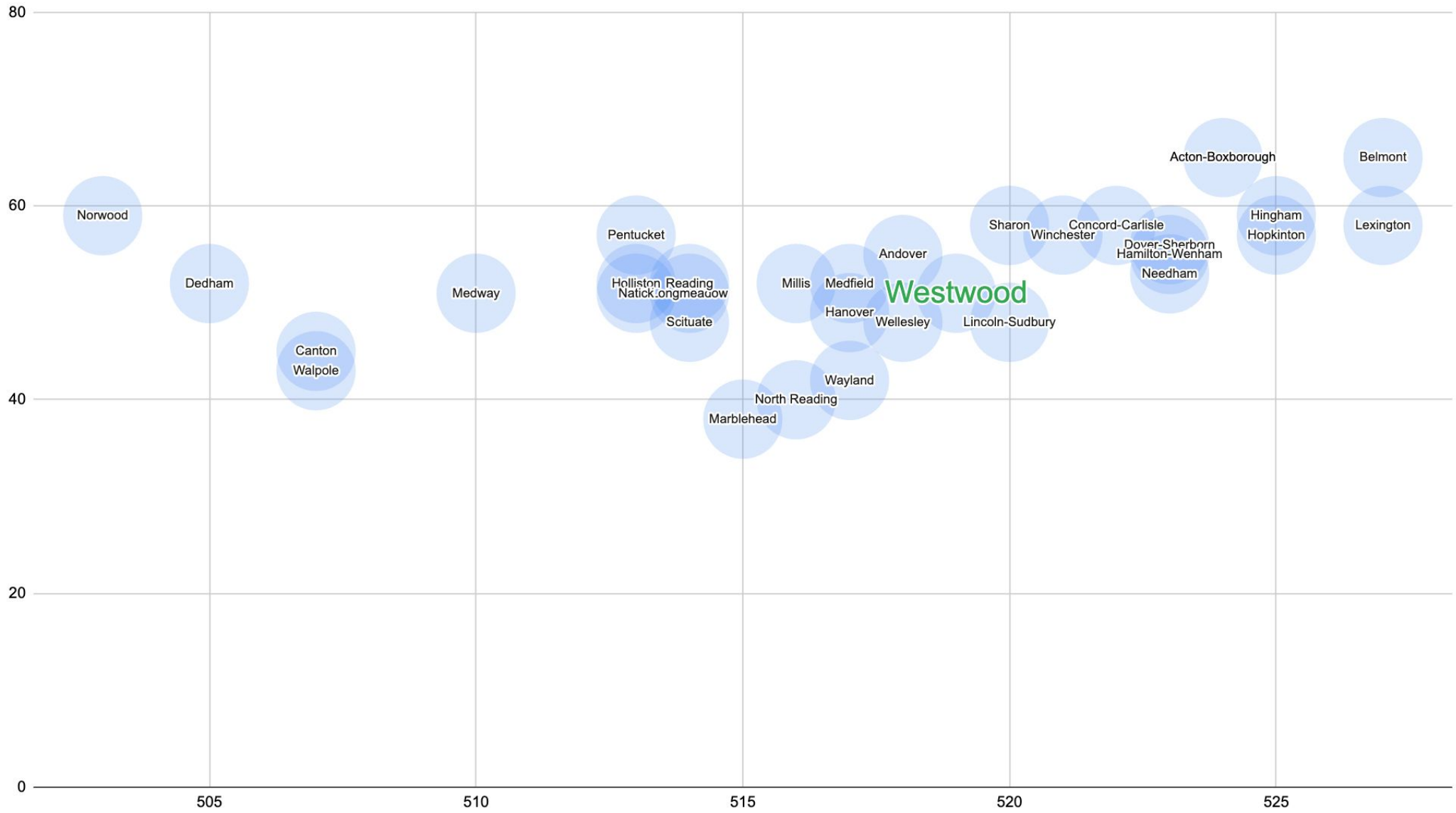
Math

Math Key Findings

- Significant gains in Grade 3, from 69% M&E to 77%

- Improvement from 2023 in Grades 4, 7, 8, with Grades 3, 4 and 5 demonstrating very high achievement (77%, 75%, 76% M&E, respectively)

- Strong Student Growth Percentiles, in the high-typical to high growth range; Grade 5 again demonstrating high growth at 65%
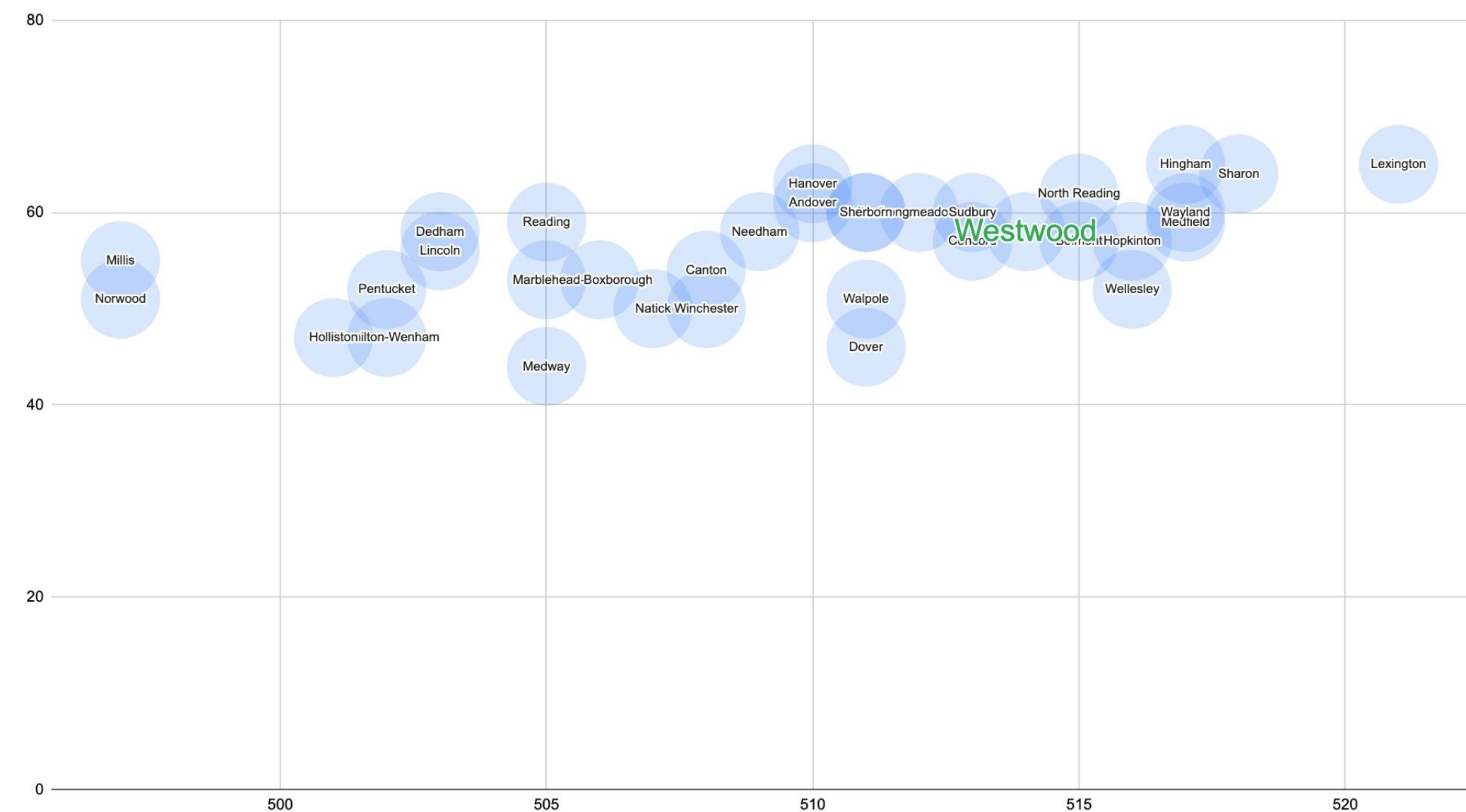
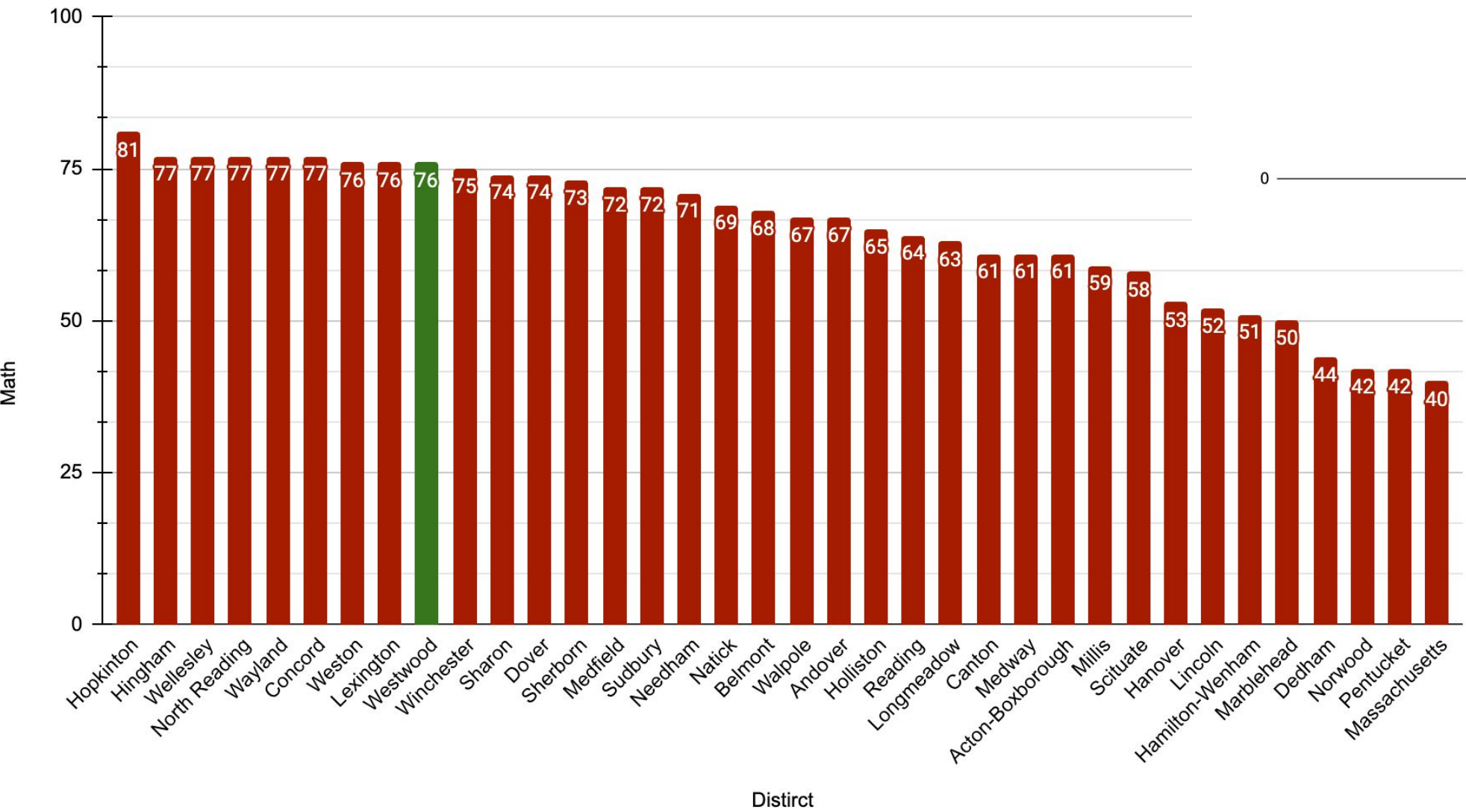Math Meeting and Exceeding Expectations, Grades 3-8, 10

Legend:
- Grades 3-8 (WPS)
- Grade 10 (WPS)
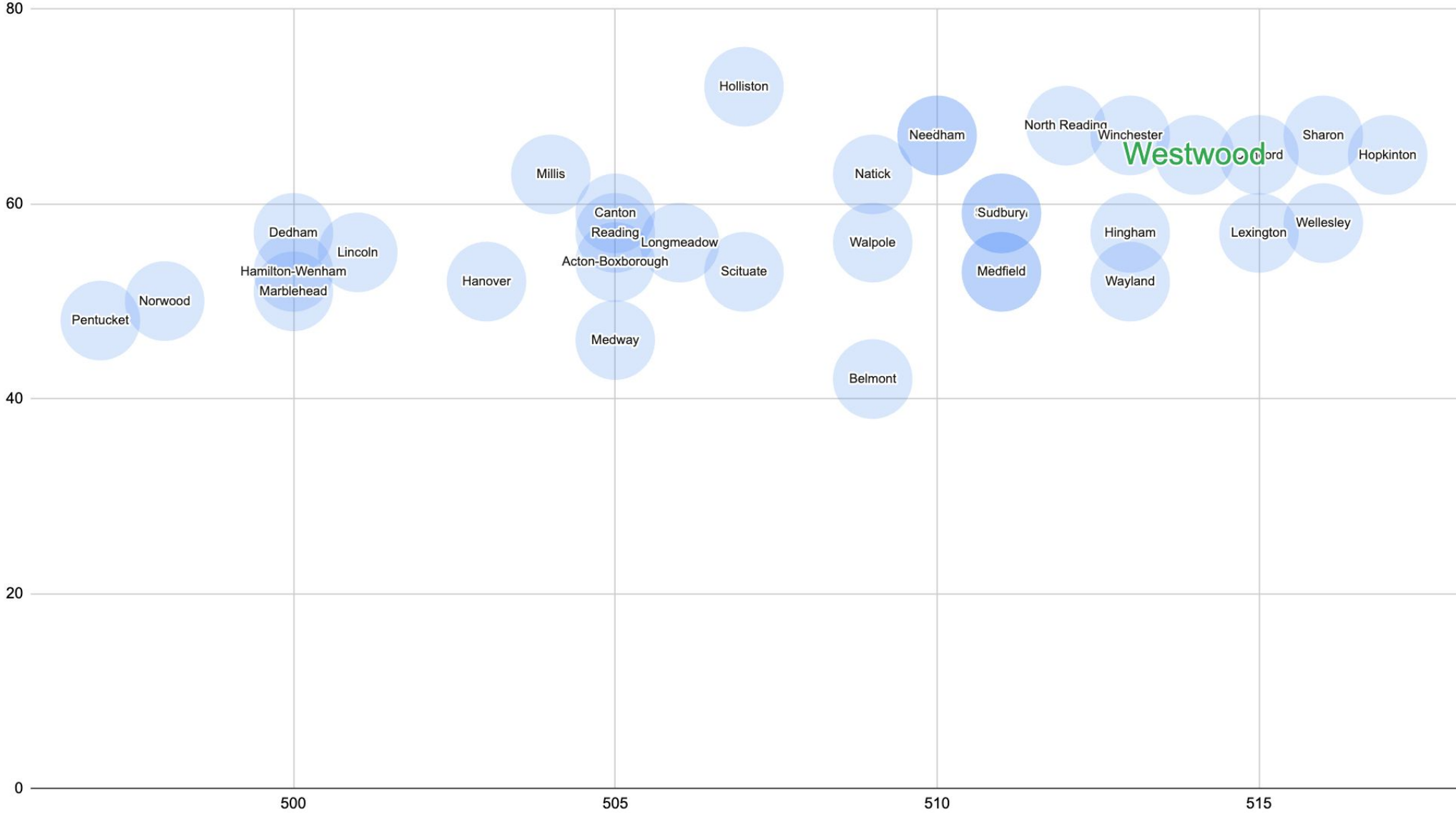- Grades 3-8 (State)
- Grade 10 (State)

Grade 3 Math
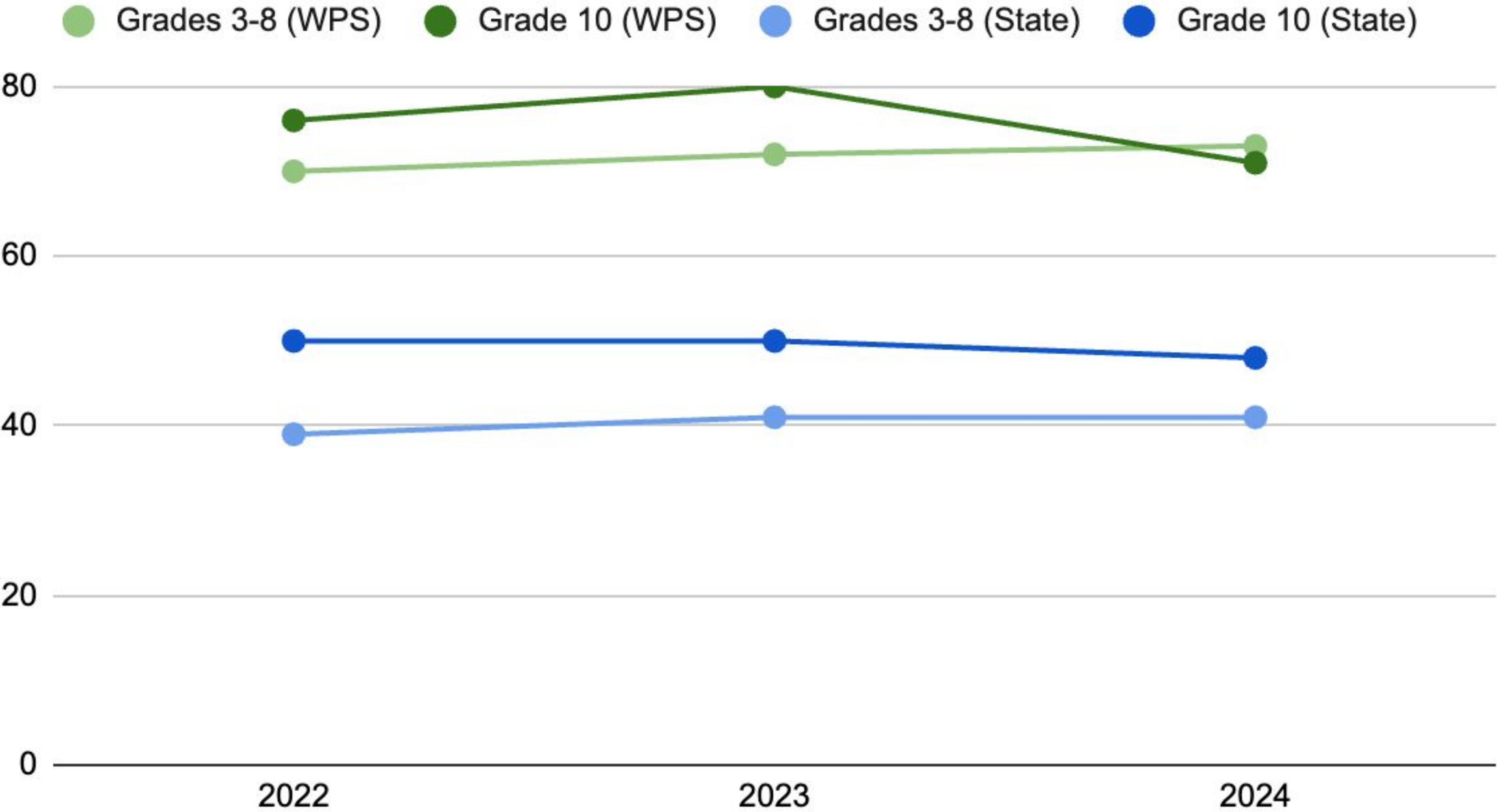
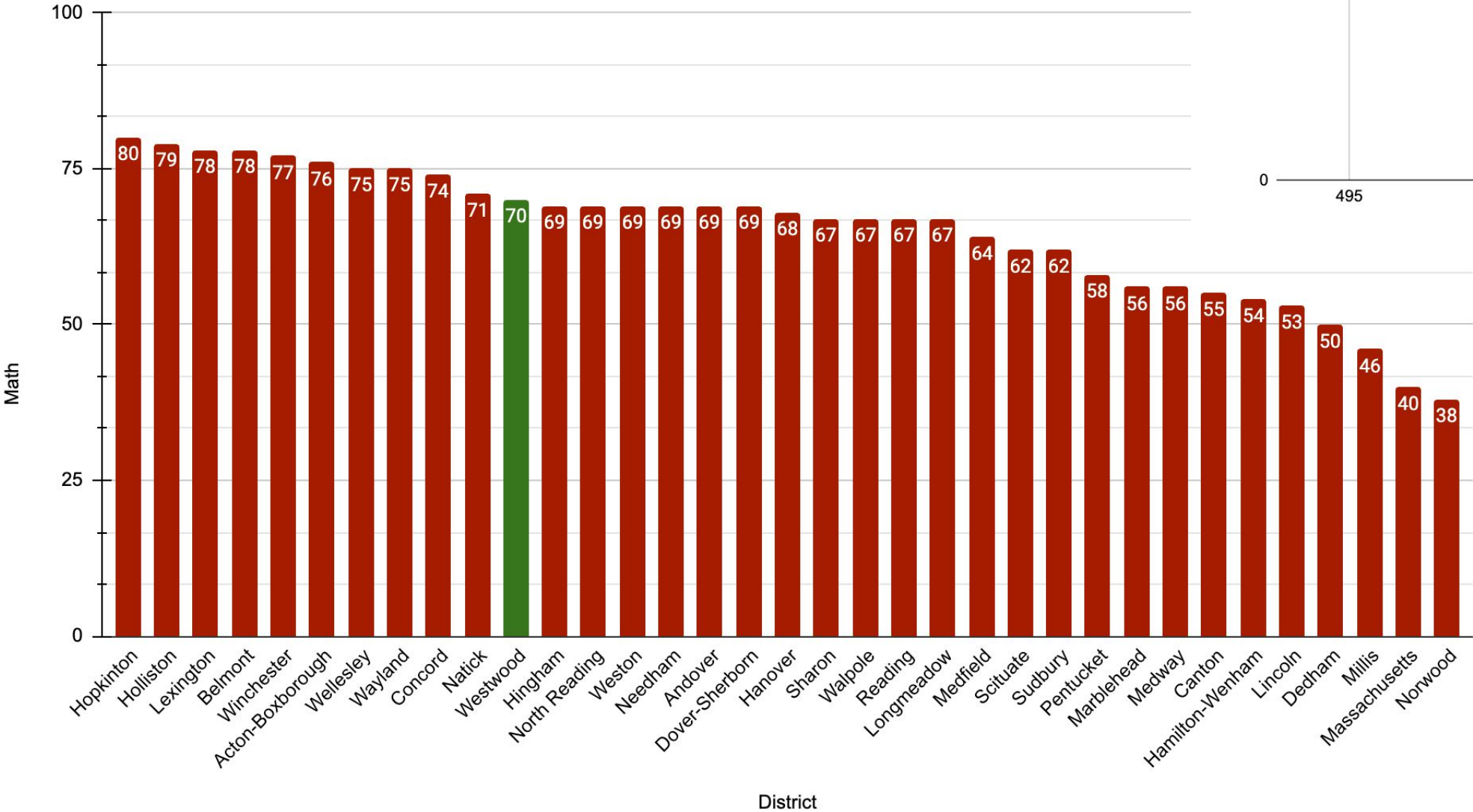2024 Gr. 3 Math Meet + Exceed Comps
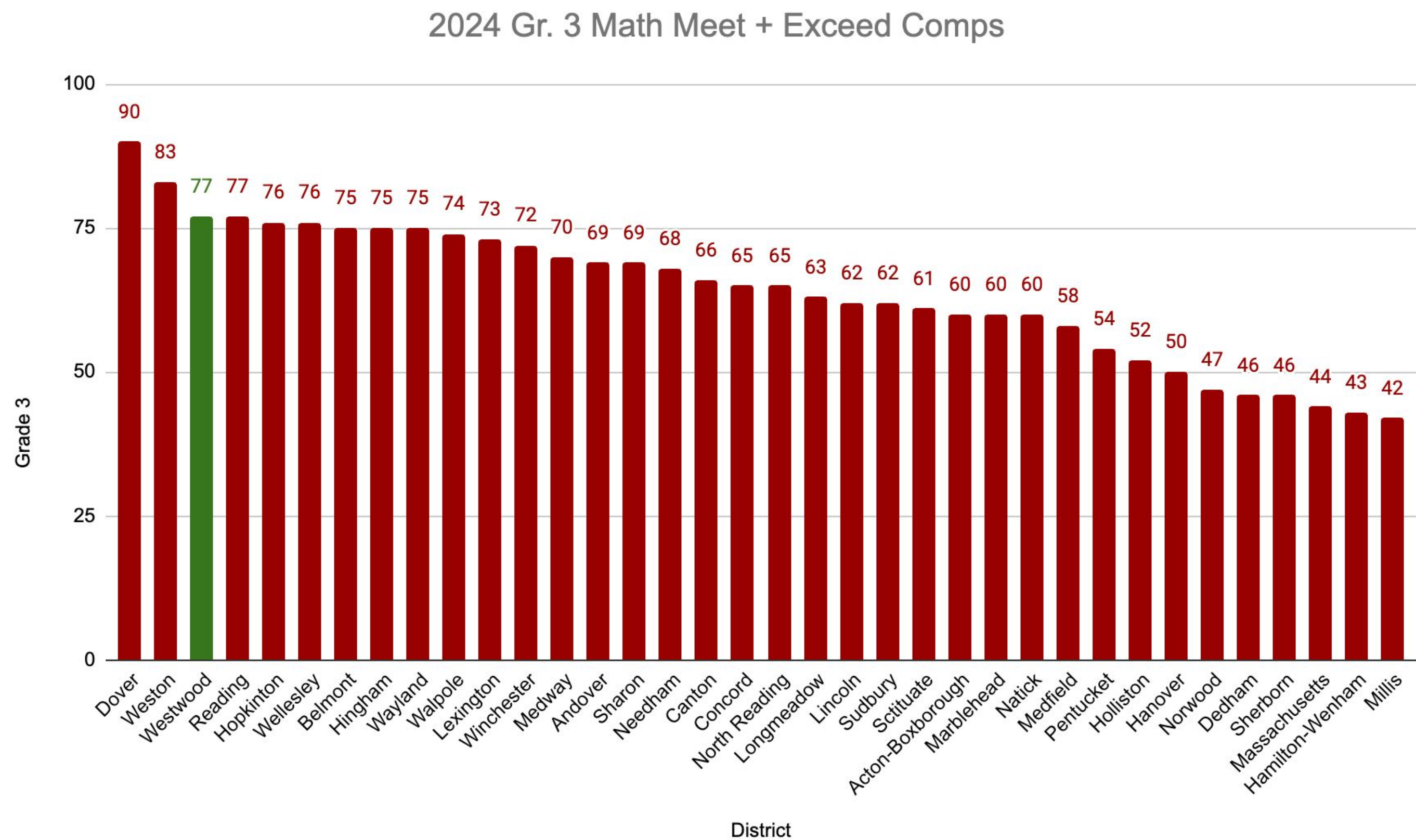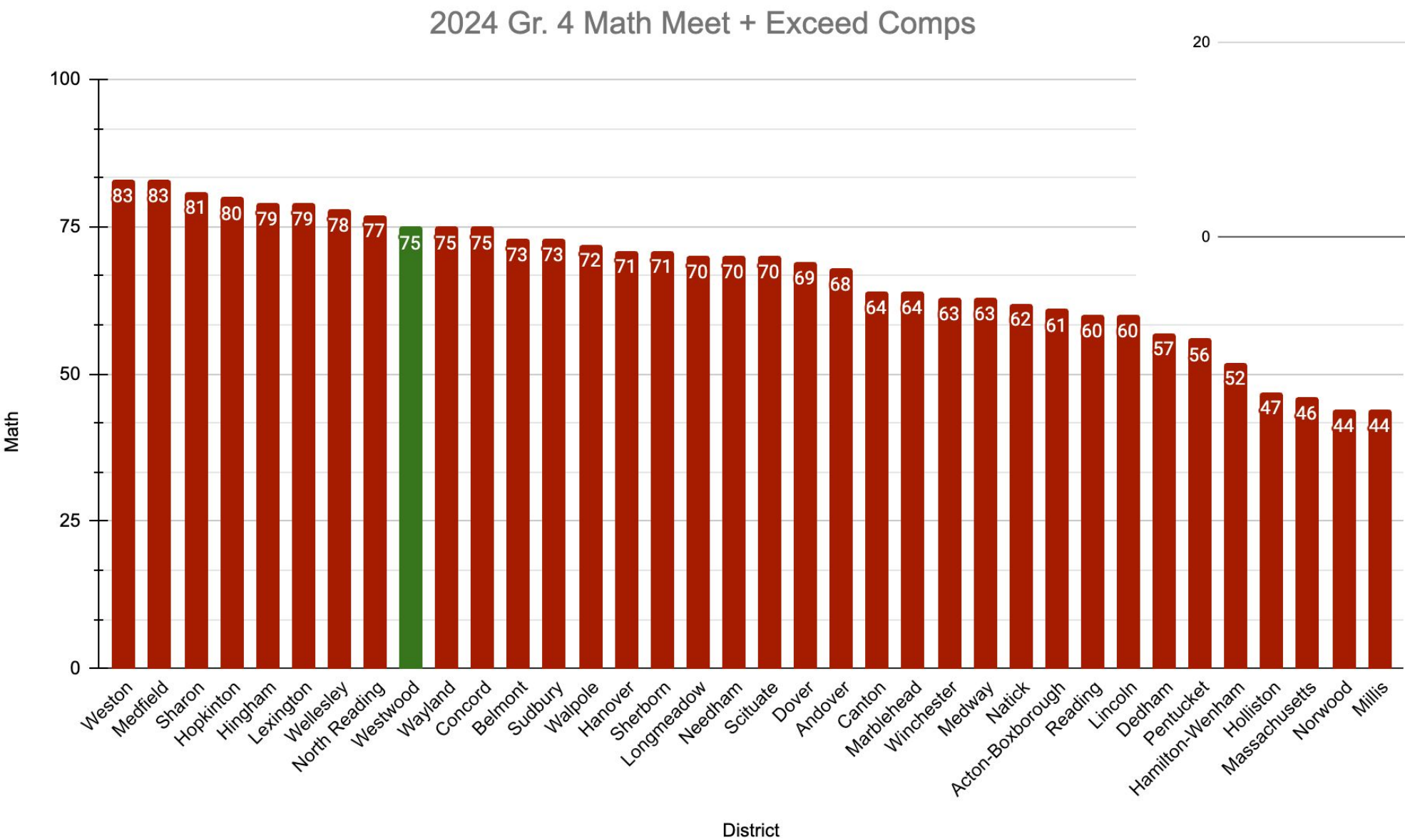
Grade 4 Math

Grade 4 Math - Scaled Score and SGP

2024 Gr. 4 Math Meet + Exceed Comps

Grade 5 Math

Grade 5 Math - Scaled Score and SGP

2024 Gr. 5 Math Meet + Exceed Comps

Grade 6 Math

Grade 6 Math - Scaled Score and SGP
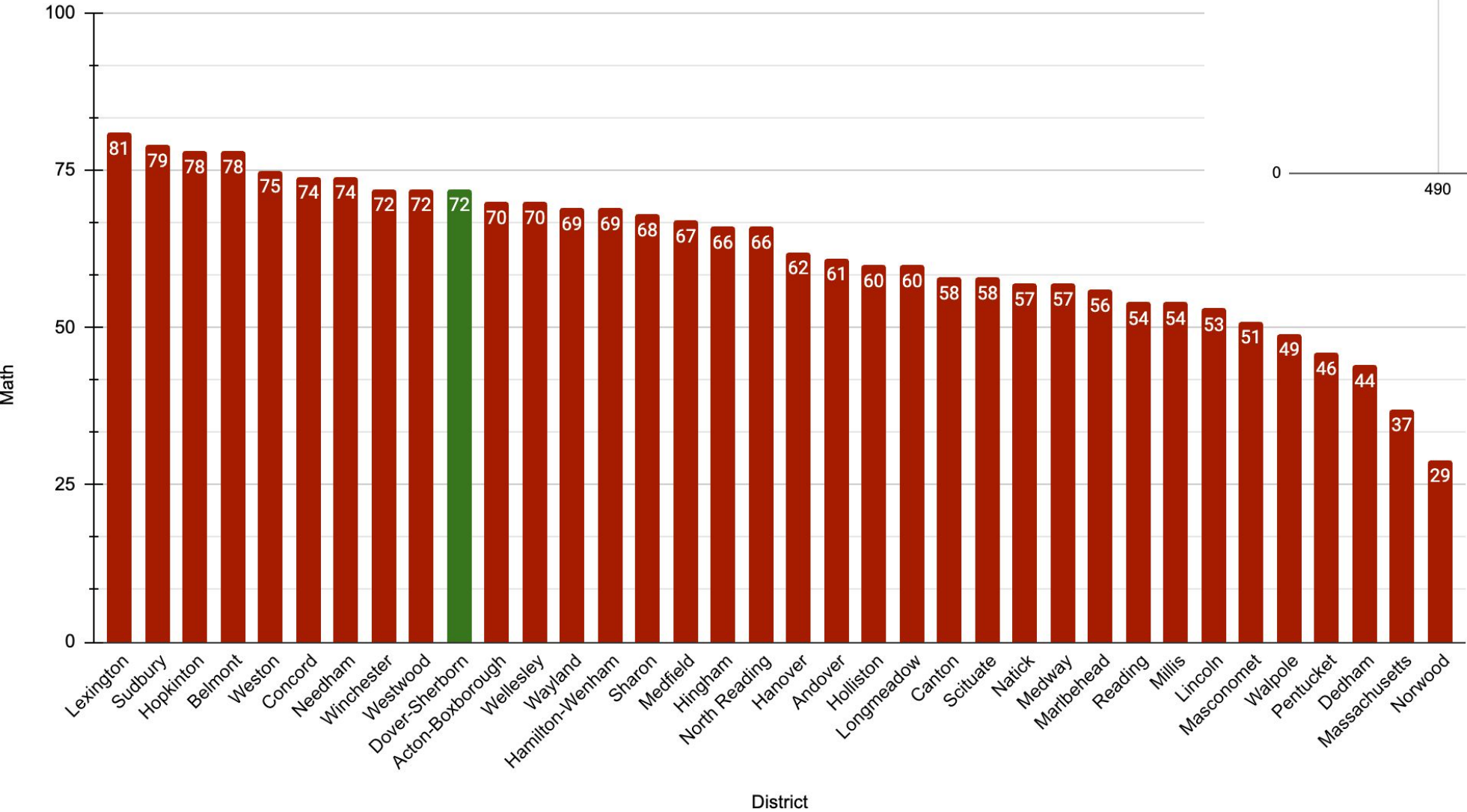

2024 Gr. 6 Math Meet + Exceed Comps

Grade 7 Math

Grade 7 Math - Scaled Score and SGP

2024 Gr. 7 Math Meet + Exceed Comps
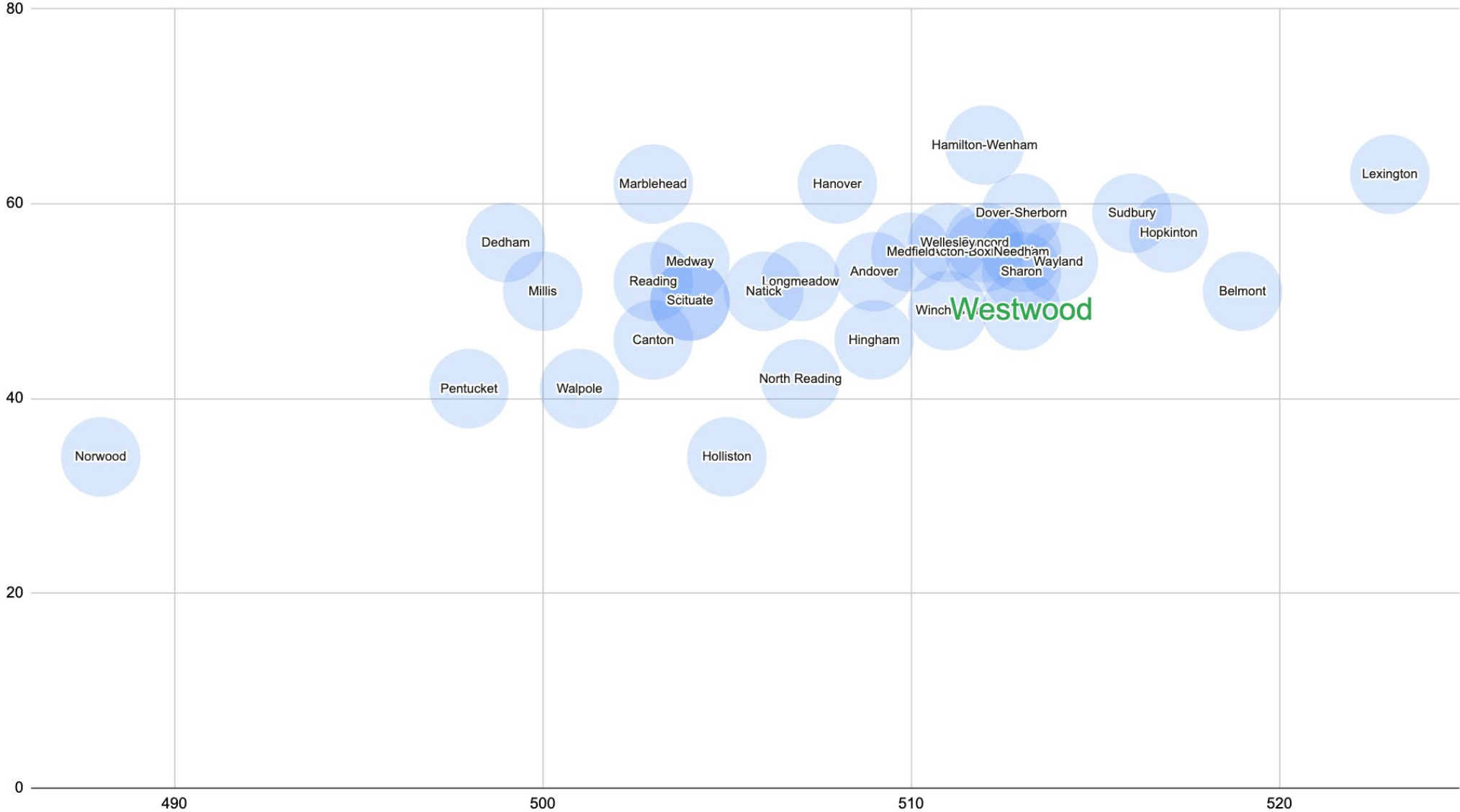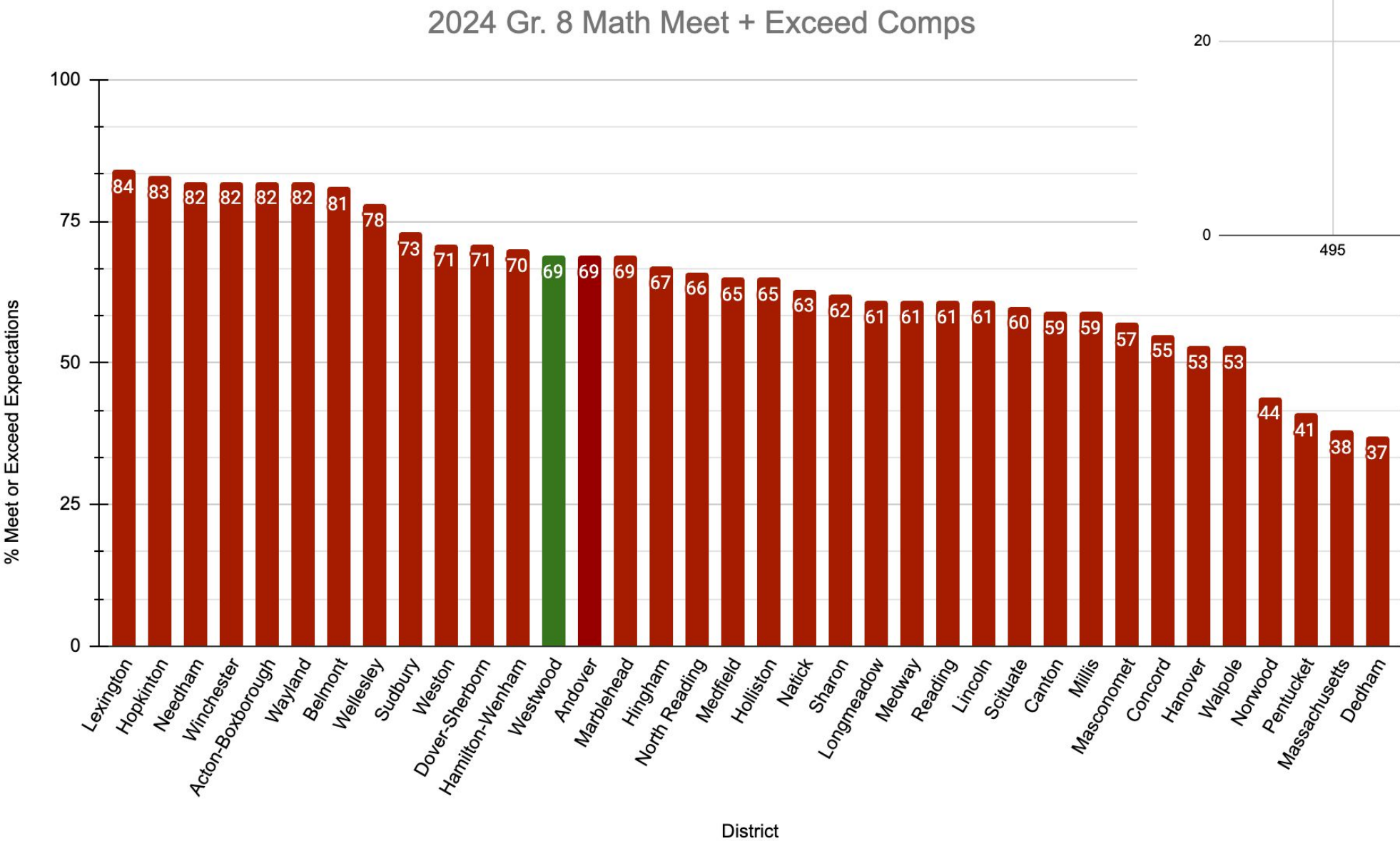
Grade 8 Math

Grade 8 Math - Scaled Score and SGP

2024 Gr. 8 Math Meet + Exceed Comps

Grade 10 Math
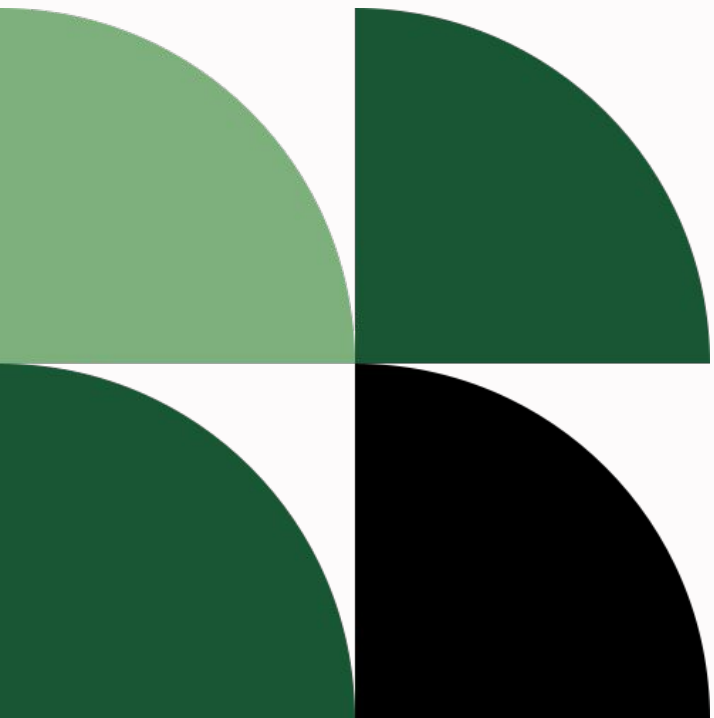
Grade 10 Math - Scaled Score and SGP

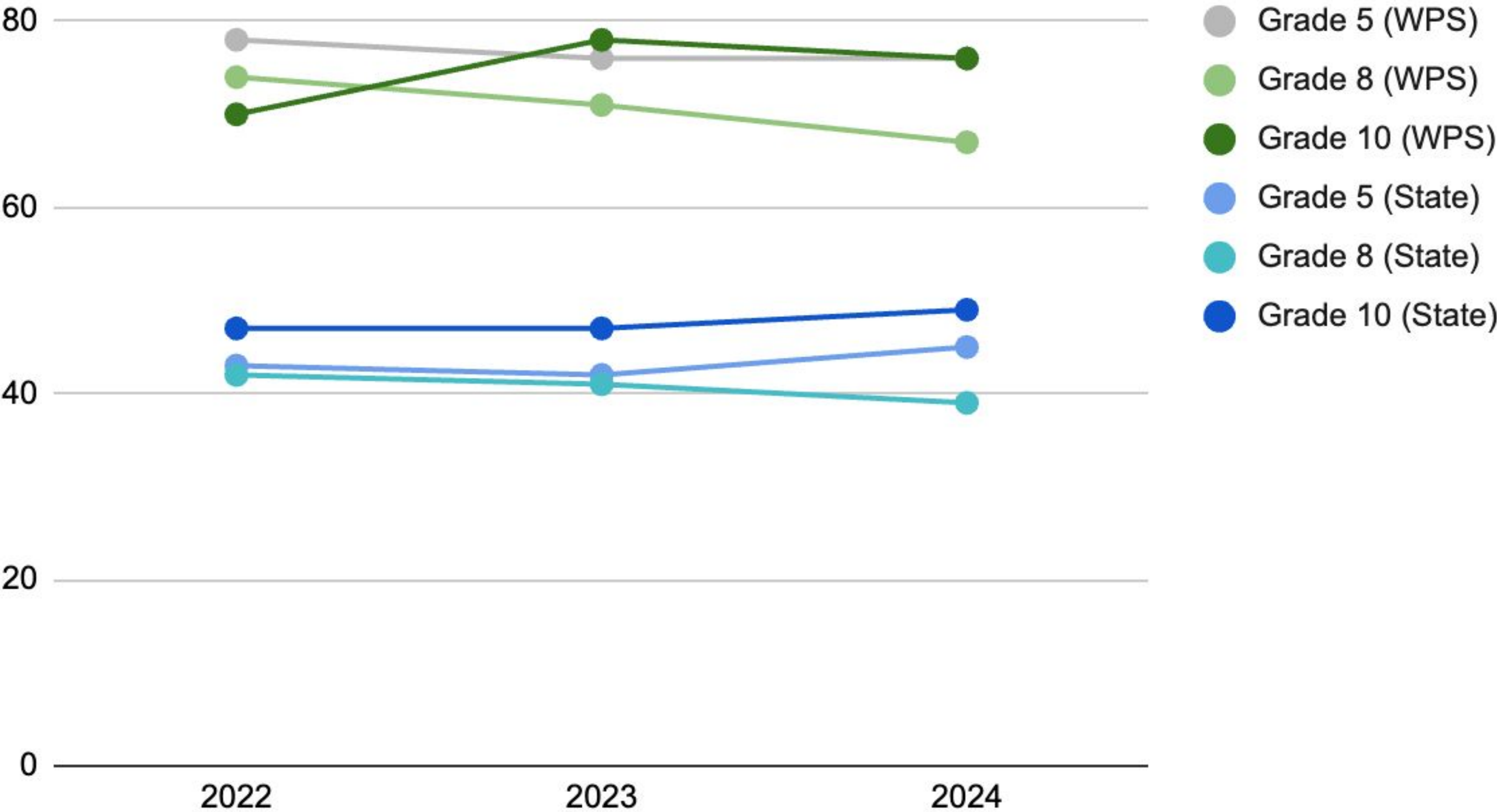## 2024 Gr. 10 Math Meet + Exceed Comps
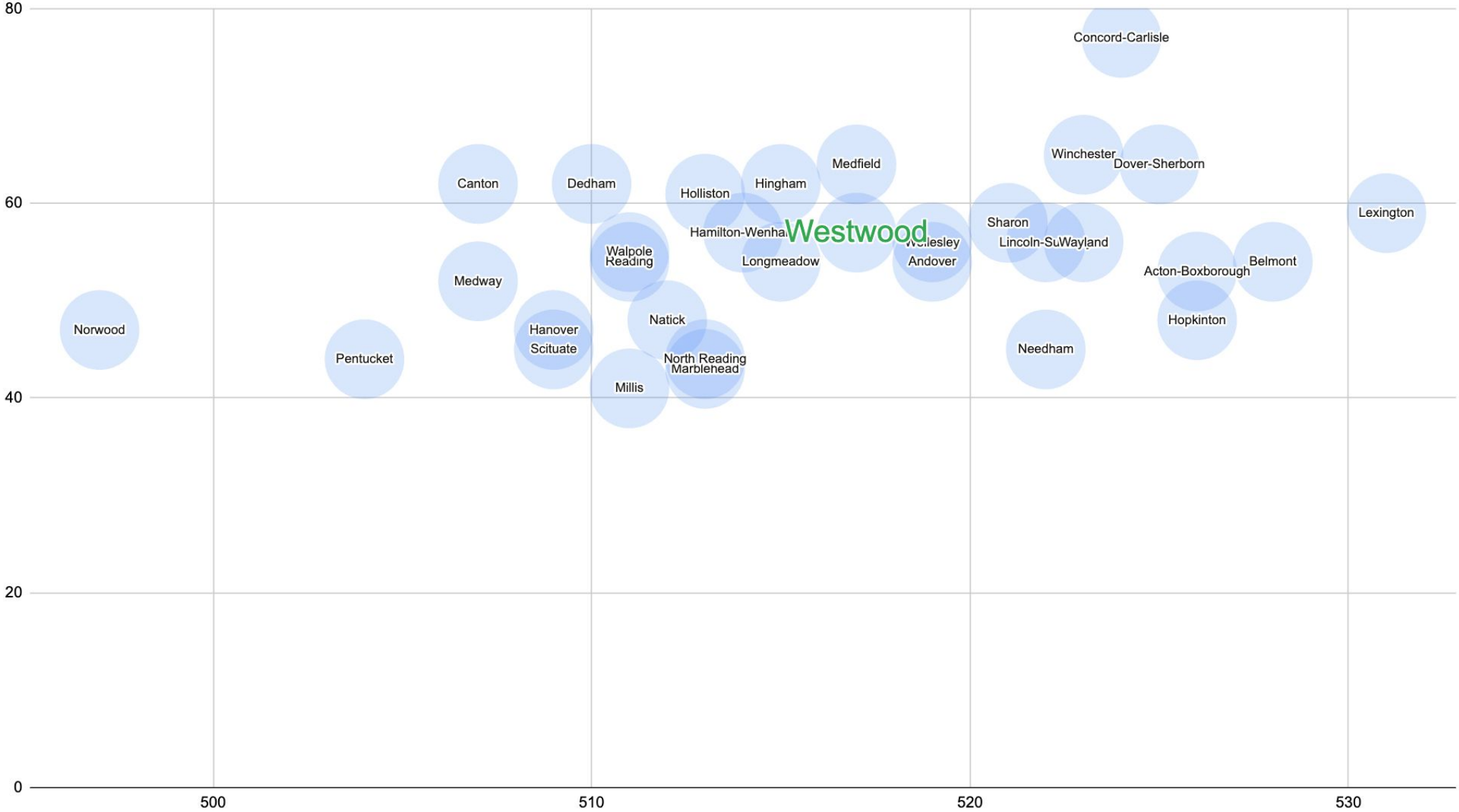
Science

Science Key Findings

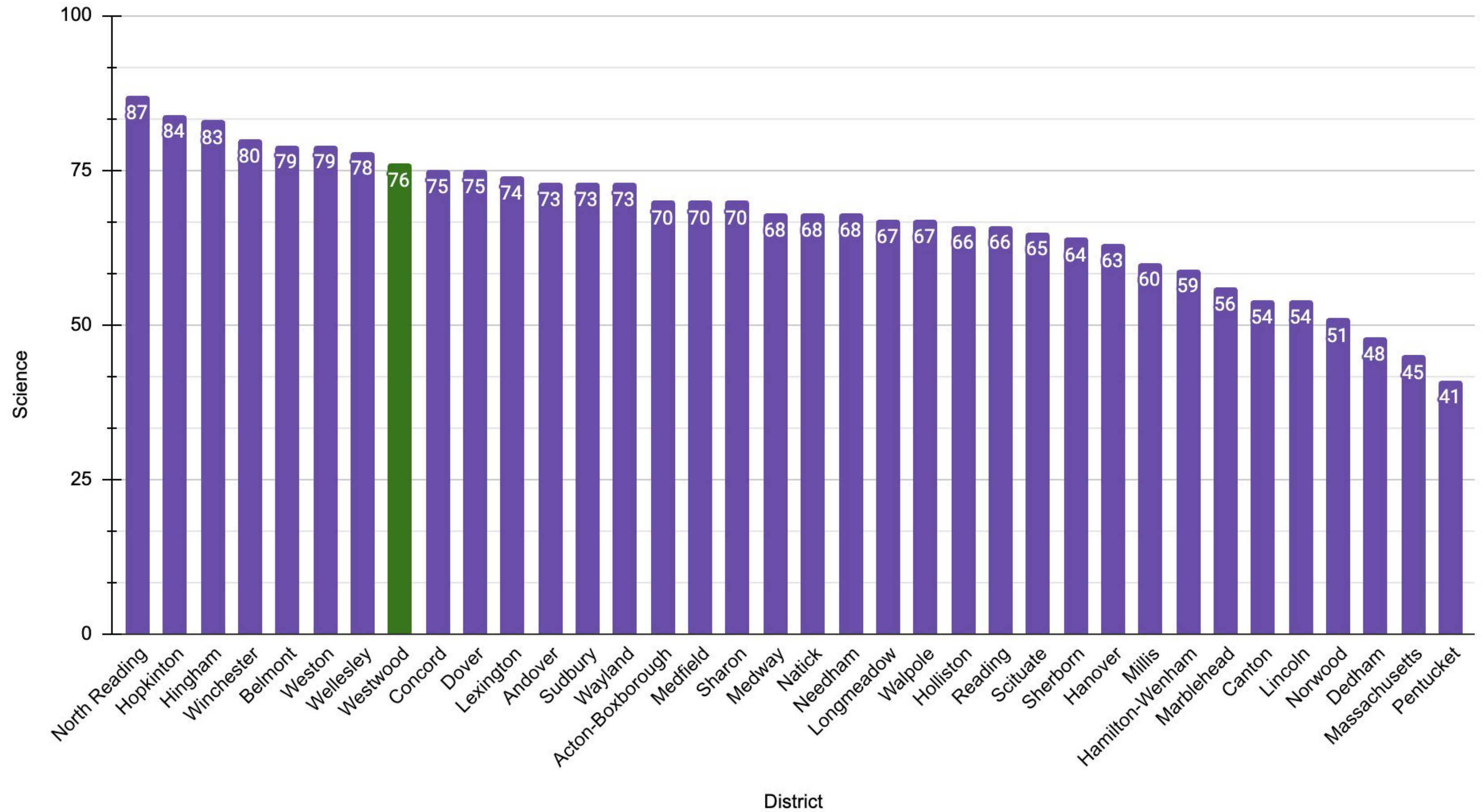- Grades 5 and 10 demonstrating very high achievement, with 76% of students M&E in each grade

- Decline in Grade 8 from previous years

- Performance in comparison to like/nearby districts remains competitive

Science Meeting & Exceeding Expectations, Grades 5, 8, 10

2024 Gr. 5 STE Meet + Exceed Comps

2024 Gr. 8 STE Meet + Exceed Comps
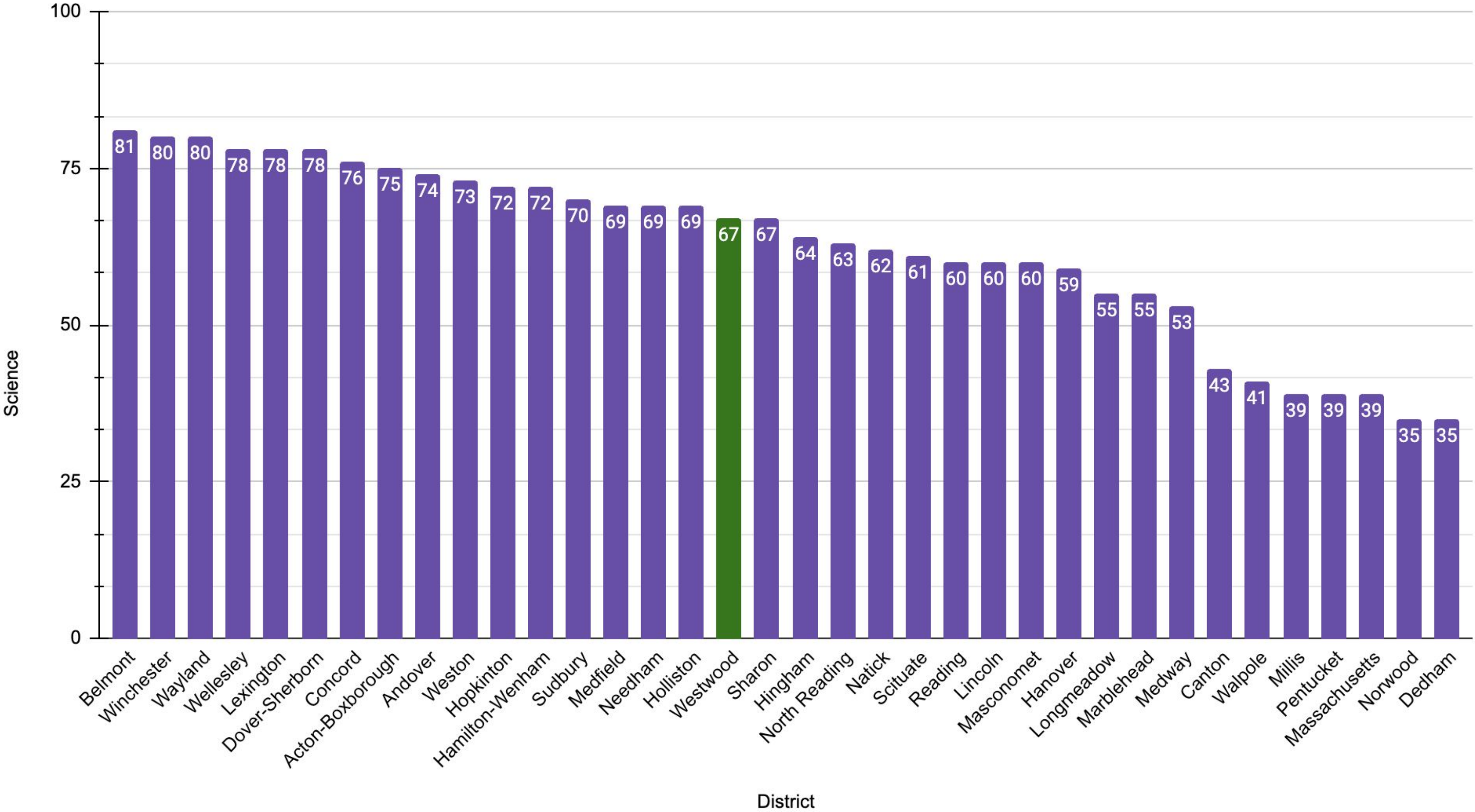
2024 HS Science Meet + Exceed Comps
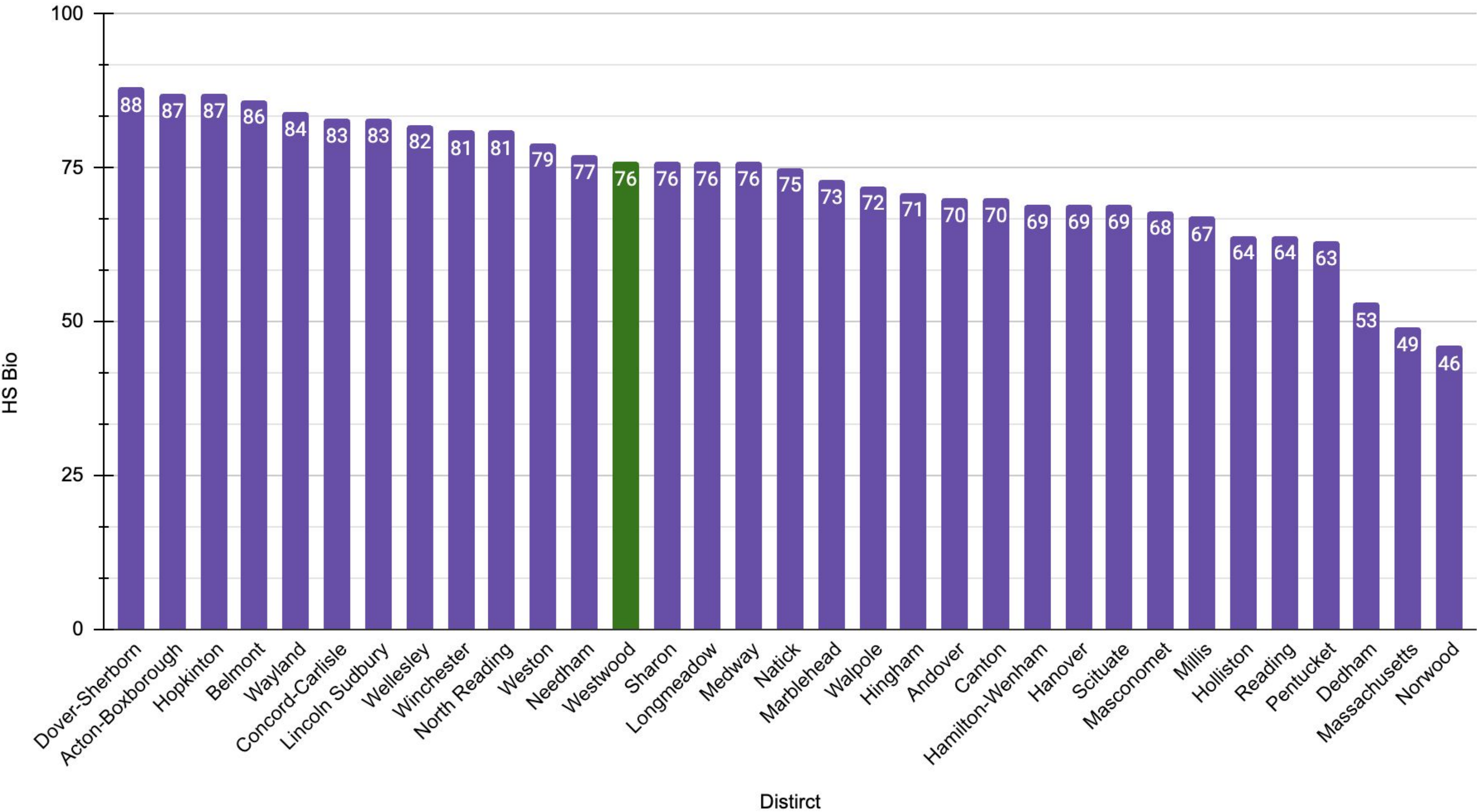
Disaggregating Data

Disaggregated Data Key Findings

- Achievement gaps persist over time, similar to gaps seen across the state
- High Needs subgroup, including low income, students with disabilities, and English language learners, performs significantly lower than the aggregate
- Strong SGP for Grade 10 High Needs subgroup in Math, surpassing the Grade 10 aggregate SGP

English Language Arts

	% Meet/ Exceed	Avg Scaled Score	Avg SGP
Grades 3-8 All	69	511	52
Grades 3-8 High Needs	37	494	49
Grade 10 All	76	519	51
Grade 10 High Needs	35	494	43

Math

	% Meet/ Exceed	Avg Scaled Score	Avg SGP
Grades 3-8 All	72	513	52
Grades 3-8 High Needs	43	497	49
Grade 10 All	71	517	57
Grade 10 High Needs	27	493	59

Science

	% Meet/ Exceed	Avg Scaled Score	Avg SGP
Grades 5,8 All	72	512	N/A
Grades 5, 8 High Needs	46	499	N/A
Grade 10 All	75	515	N/A
Grade 10 High Needs	23	488	N/A

Next Steps

- Department and Building leaders conduct standard and item analyses of MCAS assessments
- Triangulate with other data points - report cards, Star, attendance, Curriculum Review findings, etc.
- Determine next steps for curriculum and instruction:
  - If we see positive/intended outcomes - stay the course, sustain progress, and scale up
  - If we see positive signs but not there yet - stay the course, focus on quality of implementation
  - If our data is not matching our goals - investigate further, develop plan of action

Discussion