Lynchburg City Schools
Community Engagement Meetings
May 2023

MGT

Introductions

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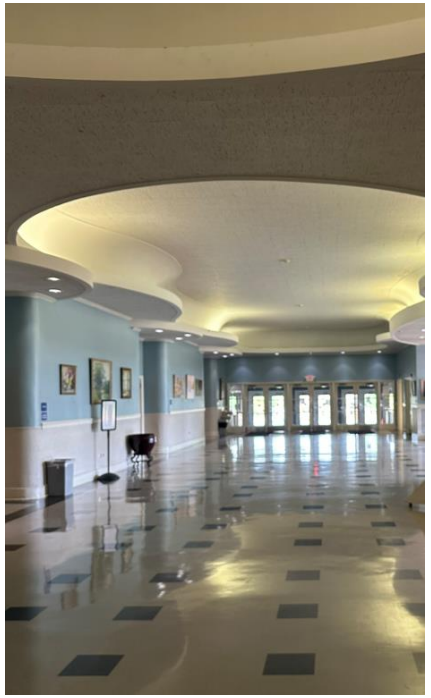
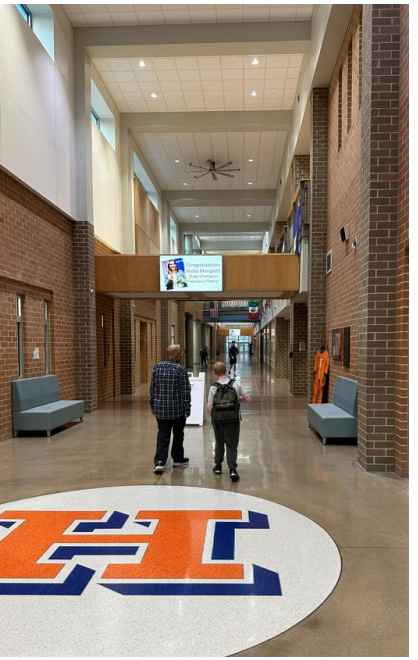


Community Input

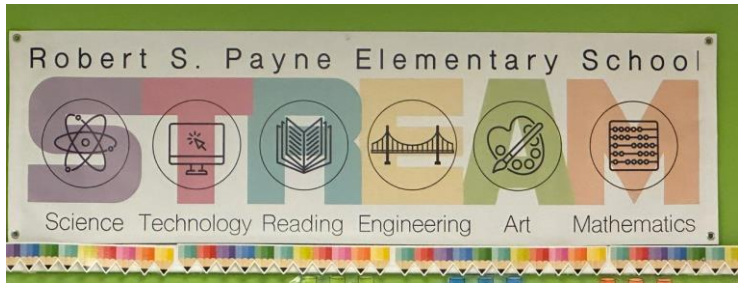
Poll Everywhere Participation

Please visit

PollEv.com/mgtconsulting4



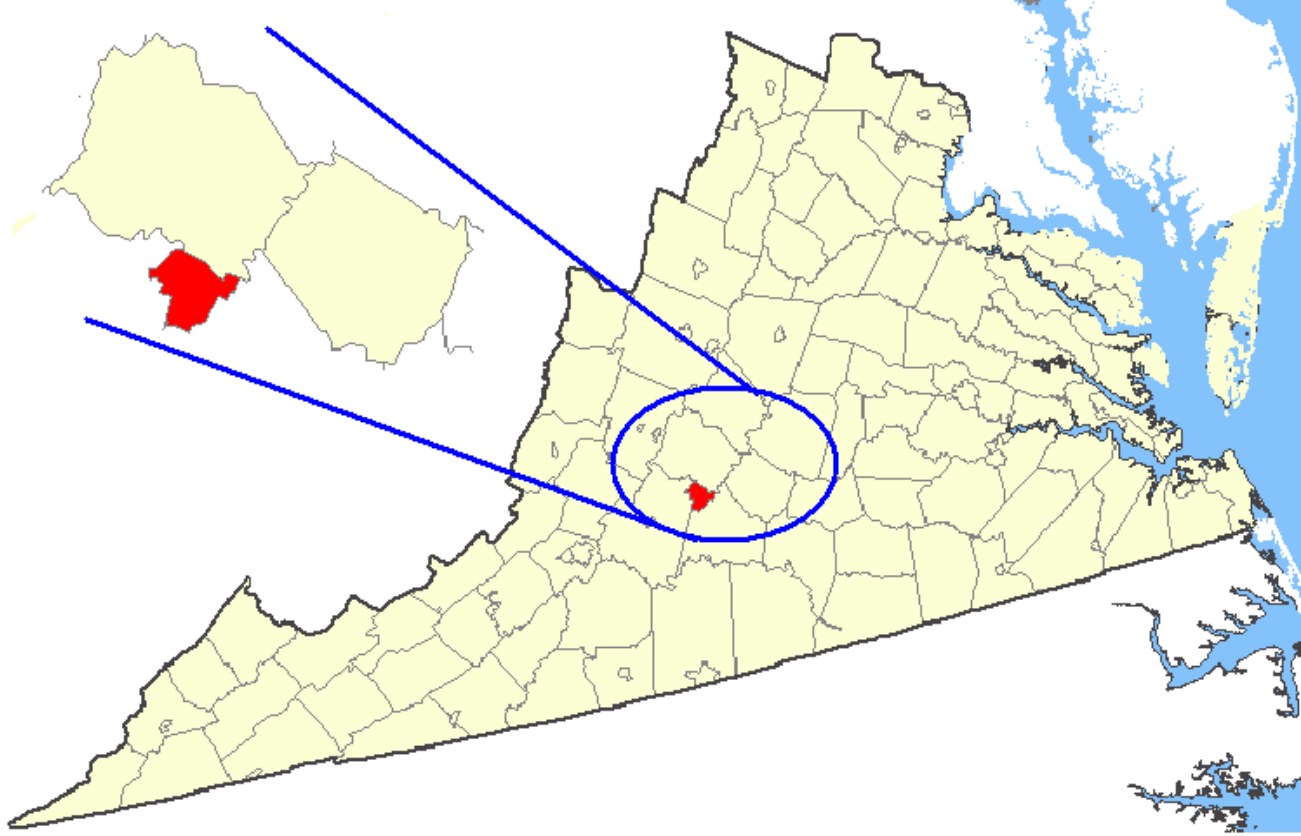
PLANNING PROCESS



- Meet with school community leadership
- Examine Inventory, Capacity, and Utilization
- Review School and Program Enrollment
- Assess Changes
- Determine Master Plan Drivers
- Community Engagement to gather community input
- Assess programmatic needs of the Division
- Develop Recommendations

MASTER PLAN DRIVERS

- Provide equitable programmatic and support service opportunities to the highest degree possible
- Optimization of occupancy and staffing
- Address schools with urgent needs based on educational suitability and physical condition data
- Examine programmatic needs
  - Career & Technical Education (CTE)
  - Early Childhood Education
  - Alternative Education Framework
  - STEM – Science, Technology, Engineering, and Math
  - Building level programs and initiatives
- Maintain fiscal responsibility
  - Operations/Transportation
- Hiring Challenges
- Student Recruitment



Map of Lynchburg Virginia

Locality	2011 Population	2021 Population	Change	% Change
Lynchburg City	77,369	80,127	2,758	4%
Virginia	8,201,507	8,696,955	495,448	6%

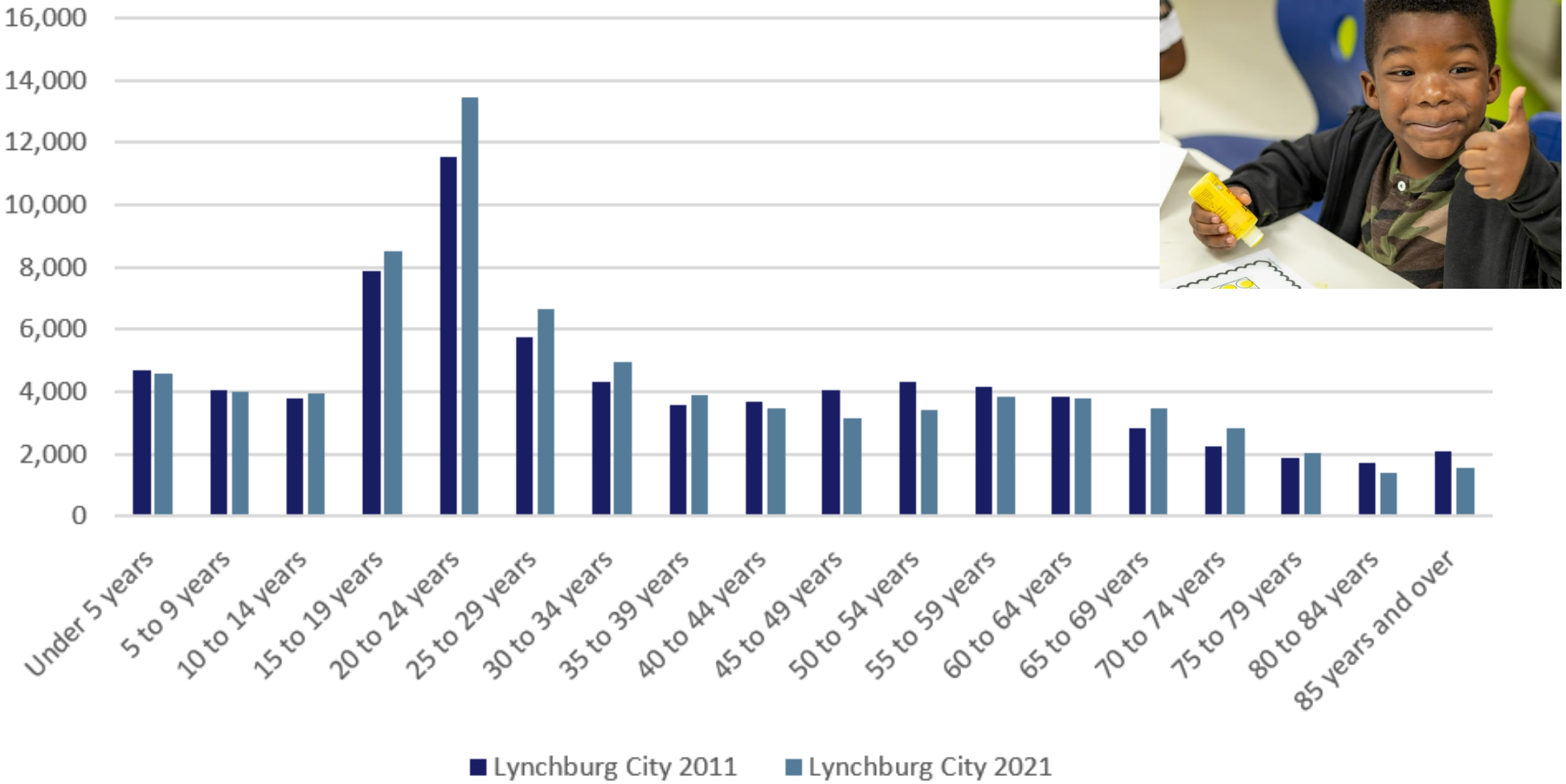
Source: Virginia Population Projections | Weldon Cooper Center for Public Service.

Population by Age

Locality	Lynchburg City 2011	Lynchburg City 2021	Change	% Change
Under 5 years	4,695	4,604	(91)	-2%
5 to 9 years	4,034	3,999	(35)	-1%
10 to 14 years	3,808	3,942	134	4%
15 to 19 years	7,887	8,520	633	8%
20 to 24 years	11,536	13,438	1,902	16%
25 to 29 years	5,742	6,643	901	16%
30 to 34 years	4,327	4,957	630	15%
35 to 39 years	3,589	3,874	285	8%
40 to 44 years	3,708	3,478	(230)	-6%
45 to 49 years	4,071	3,171	(900)	-22%
50 to 54 years	4,316	3,436	(880)	-20%
55 to 59 years	4,189	3,839	(350)	-8%
60 to 64 years	3,842	3,803	(39)	-1%
65 to 69 years	2,819	3,460	641	23%
70 to 74 years	2,229	2,857	628	28%
75 to 79 years	1,890	2,021	131	7%
80 to 84 years	1,737	1,427	(310)	-18%
85 years and over	2,085	1,540	(545)	-26%

Source: Population Estimates for Age & Sex, Race & Hispanic, and Towns | Weldon Cooper Center for Public Service.

Population by Age: Lynchburg City 2011-2021



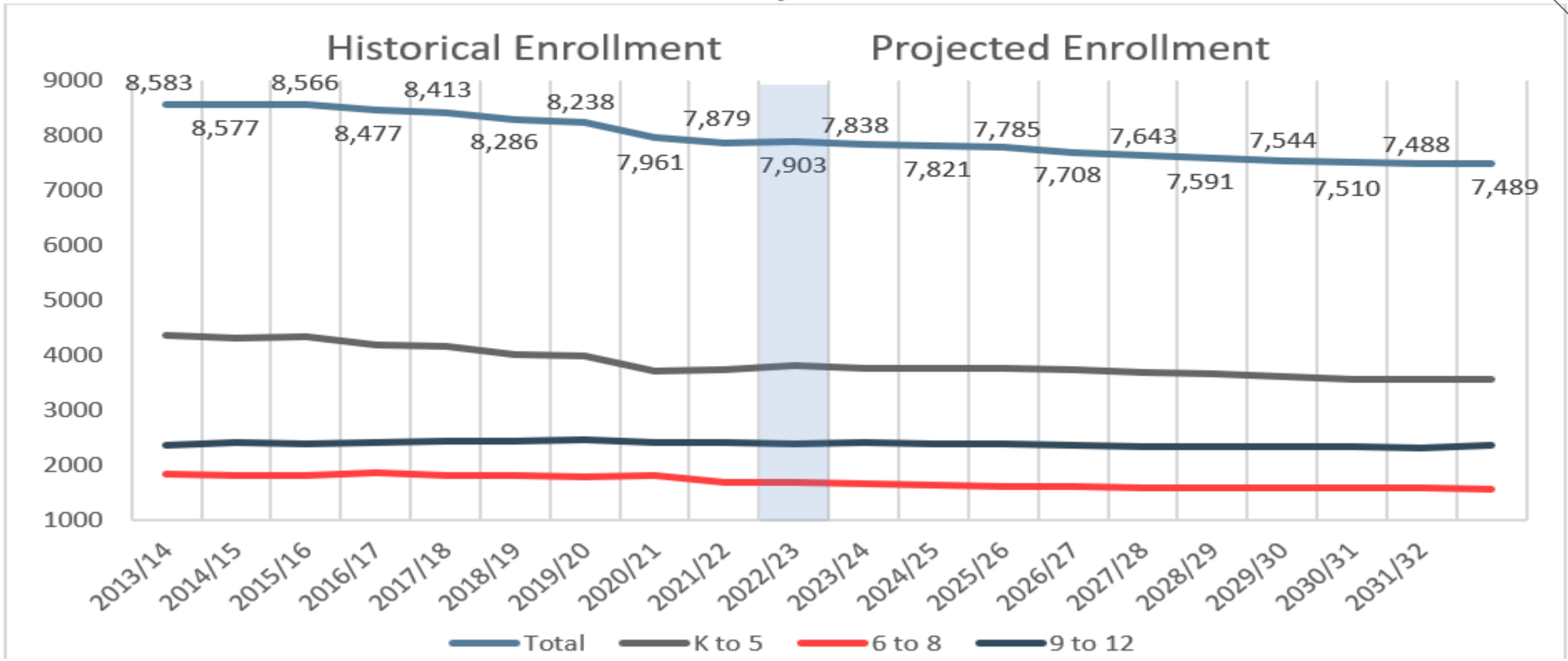
LCS Enrollment by Grade, Fall 2020-2022

Grade	2020-2021	2021-2022	2022-2023
Pre-kindergarten	297	320	343
Kindergarten	543	566	621
Grade 1	615	563	581
Grade 2	565	607	567
Grade 3	564	560	582
Grade 4	574	565	563
Grade 5	559	572	563
Grade 6	600	542	550
Grade 7	591	577	554
Grade 8	629	582	581
Grade 9	619	755	636
Grade 10	624	567	675
Grade 11	604	556	540
Grade 12	577	547	547
Post Graduate	2	1	6
Total Students	7,963	7,880	7,909

Source: Virginia Department of Education. Lynchburg City Public Schools.

Enrollment Projections

Historical and Projected Enrollment.



Methodology

Enrollment projections are an estimate of future activity.

Average Percentage Increase Model

Calculates future school enrollment growth based on the historical average growth from year to year

Linear Regression Model

Estimates by performing calculations on known historical values and to create future values to provide a trend line. MGT has chosen a “straight-line” model to estimate future enrollment values that finds the best fit based on the historical data.

Cohort Survival Model

This model calculates the growth or decline in a grade level over a period of five years based on the ratio of students who attend each of the previous years, or the “survival rate.”

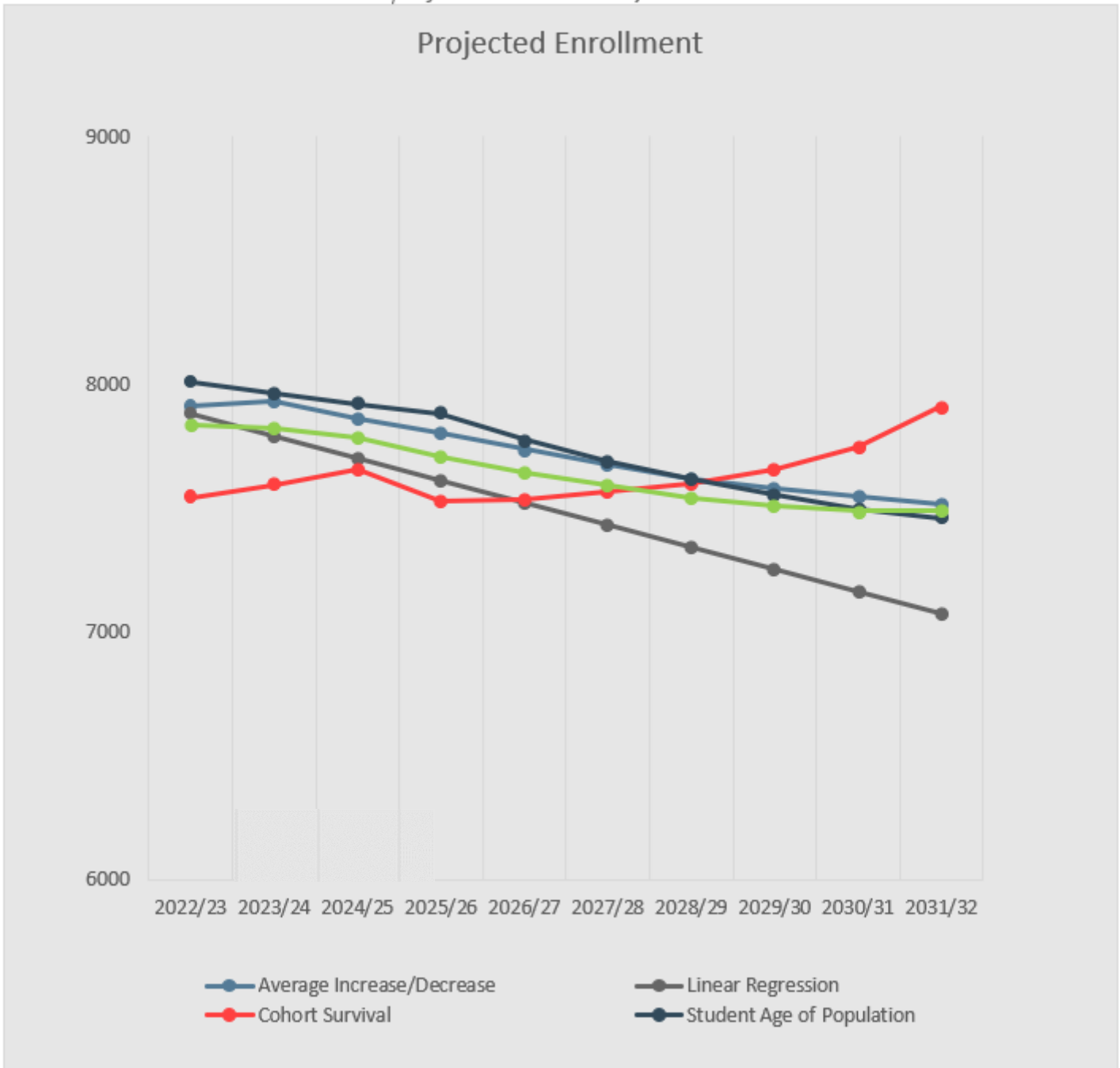
Student-Age of Population Model

Utilizes age related population data to indicate the number of students within each school level that can be expected based upon population projections to project future enrollment.

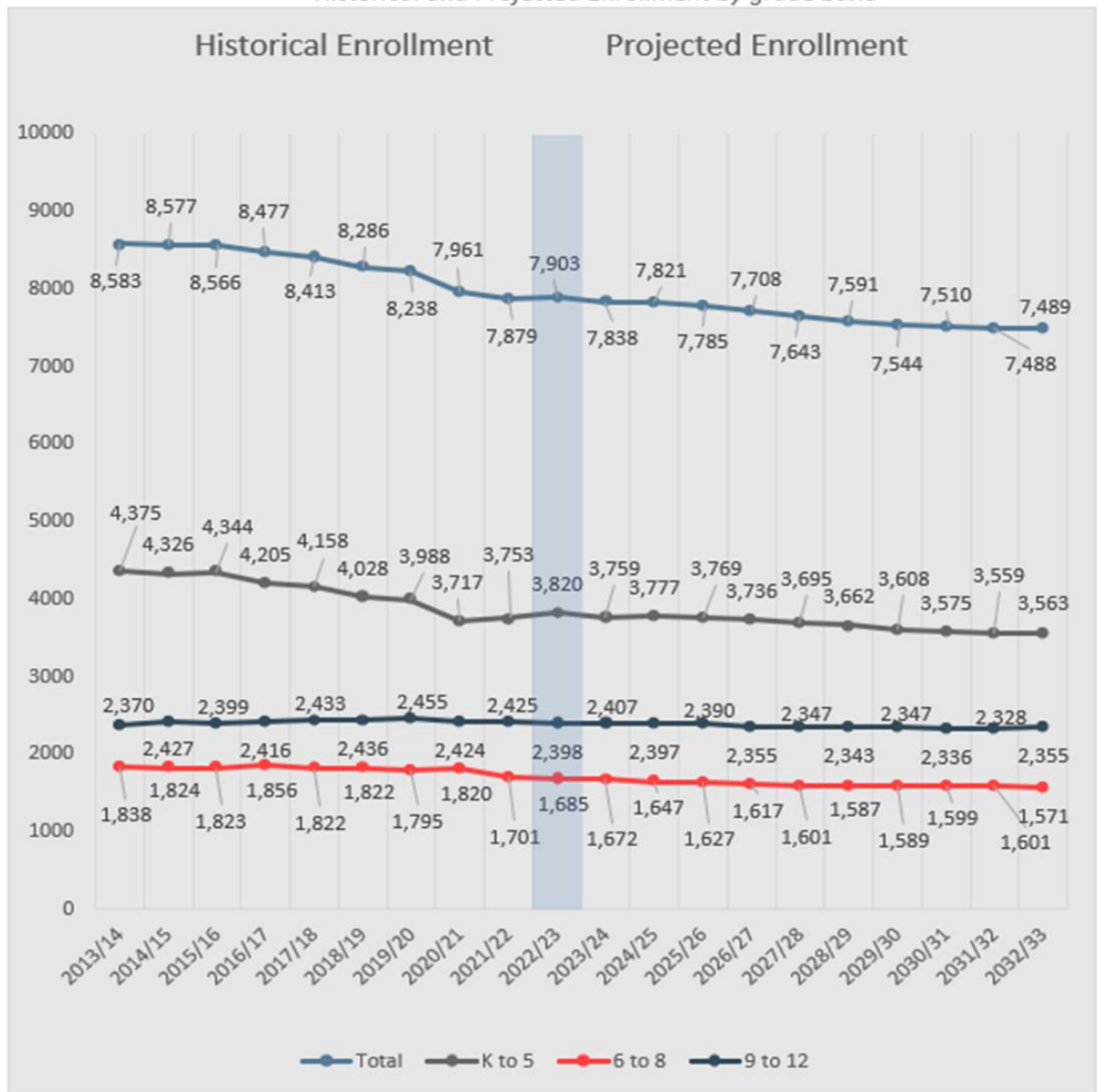
Weighted Average

Average of each of models to reflect the trends and the over-arching themes to maximize the strengths of each of the base models.

Projected Enrollment by Model.

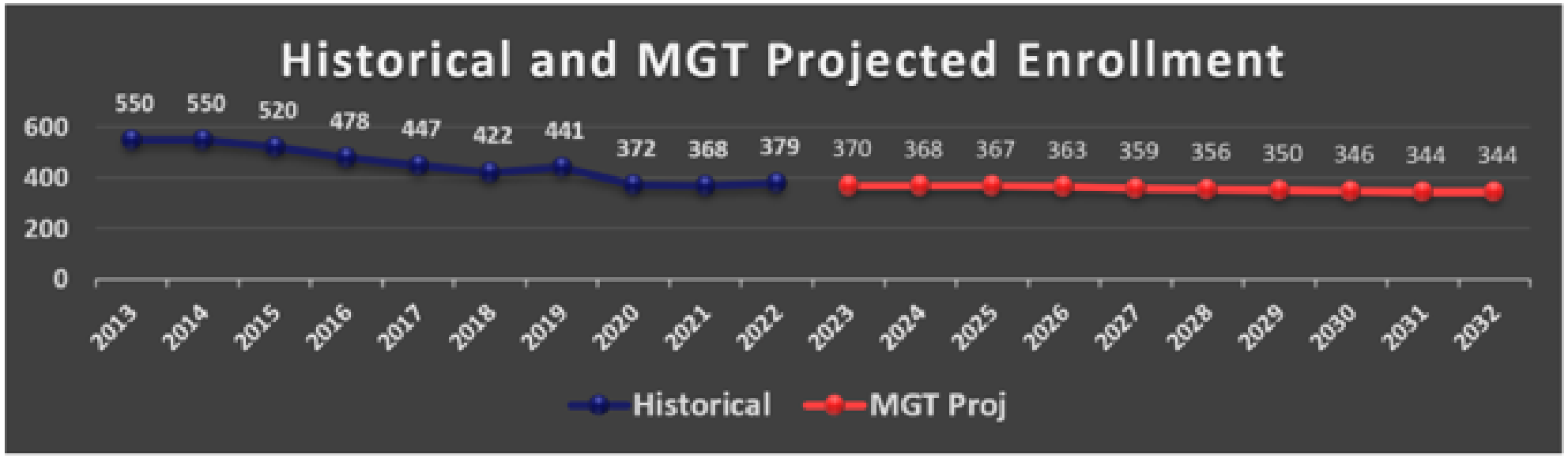


Historical and Projected Enrollment by grade band

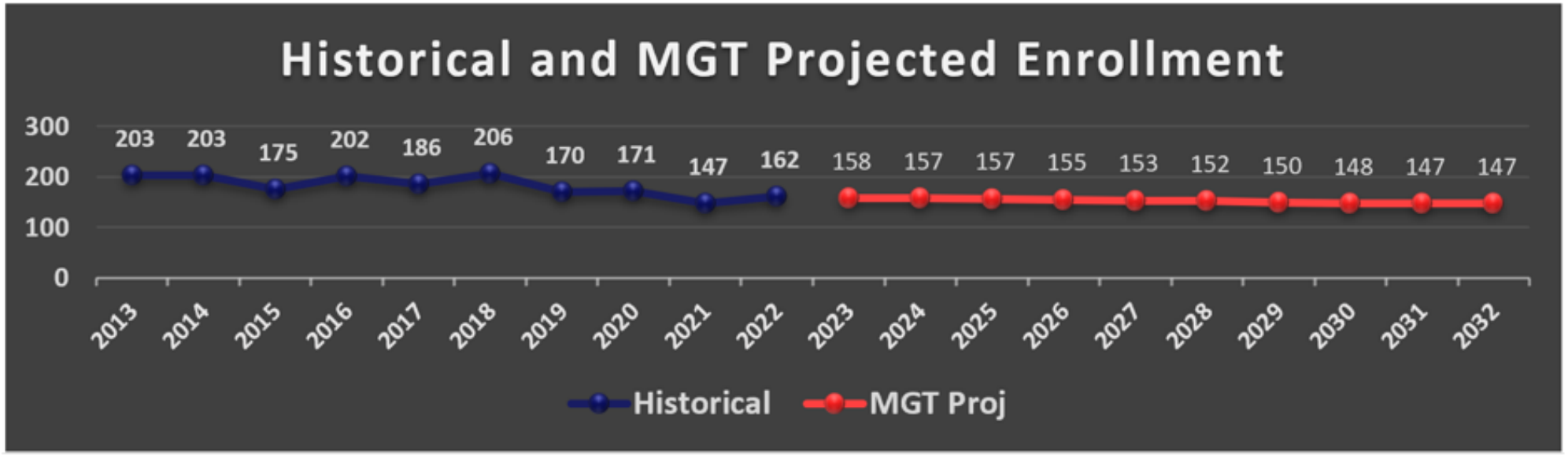


Historical and Projected Enrollment by individual schools

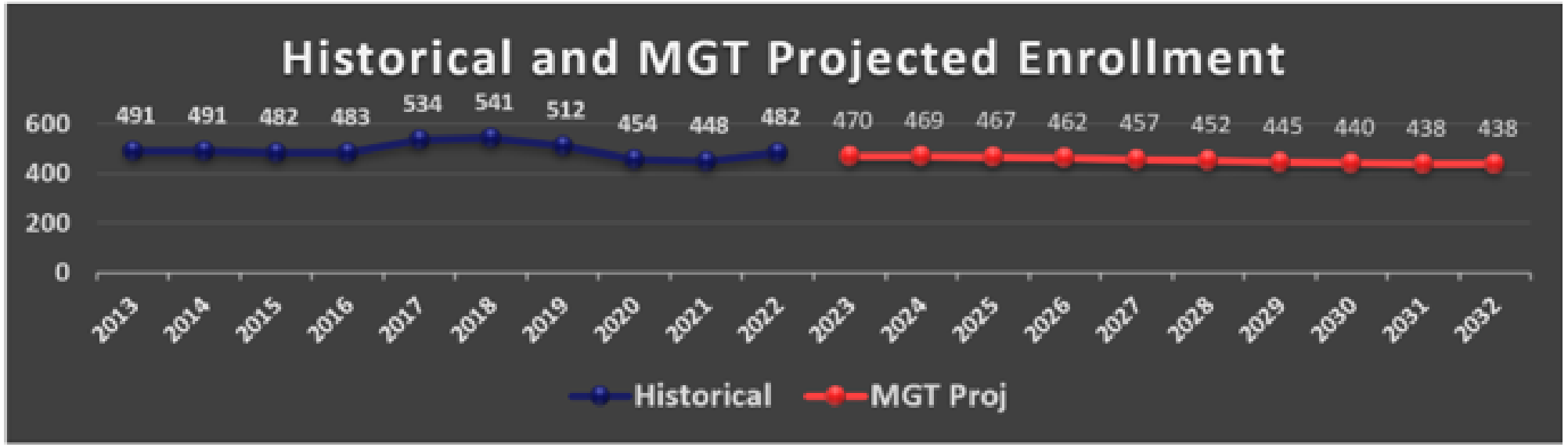
Bedford Hills Elementary School



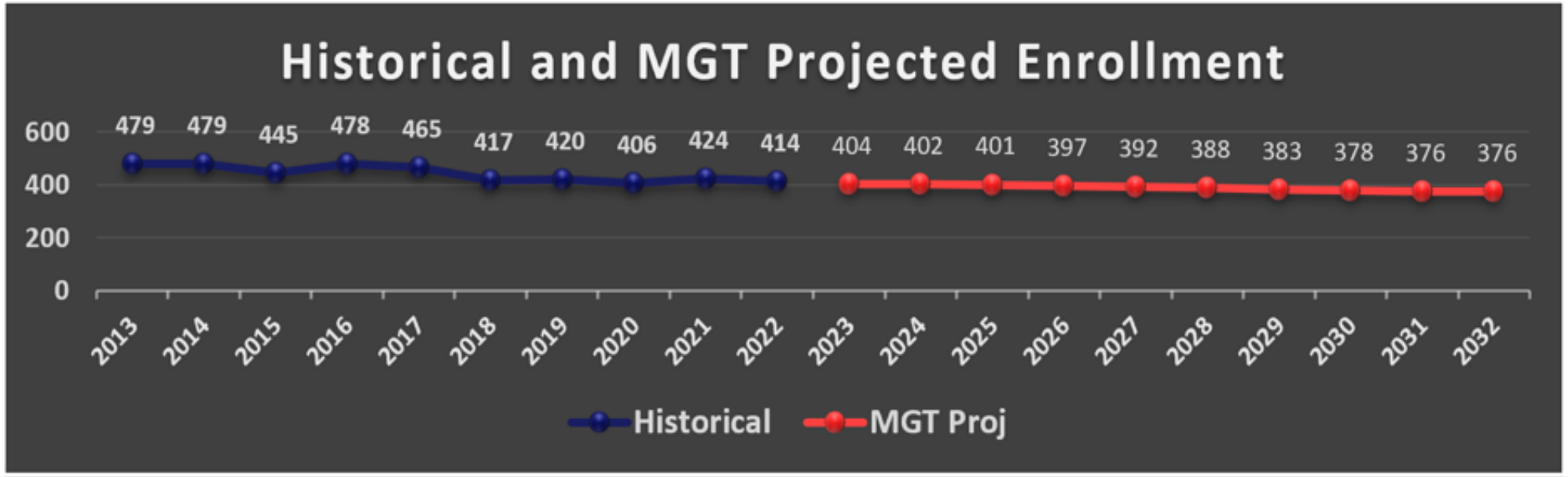
Dearington Elementary School



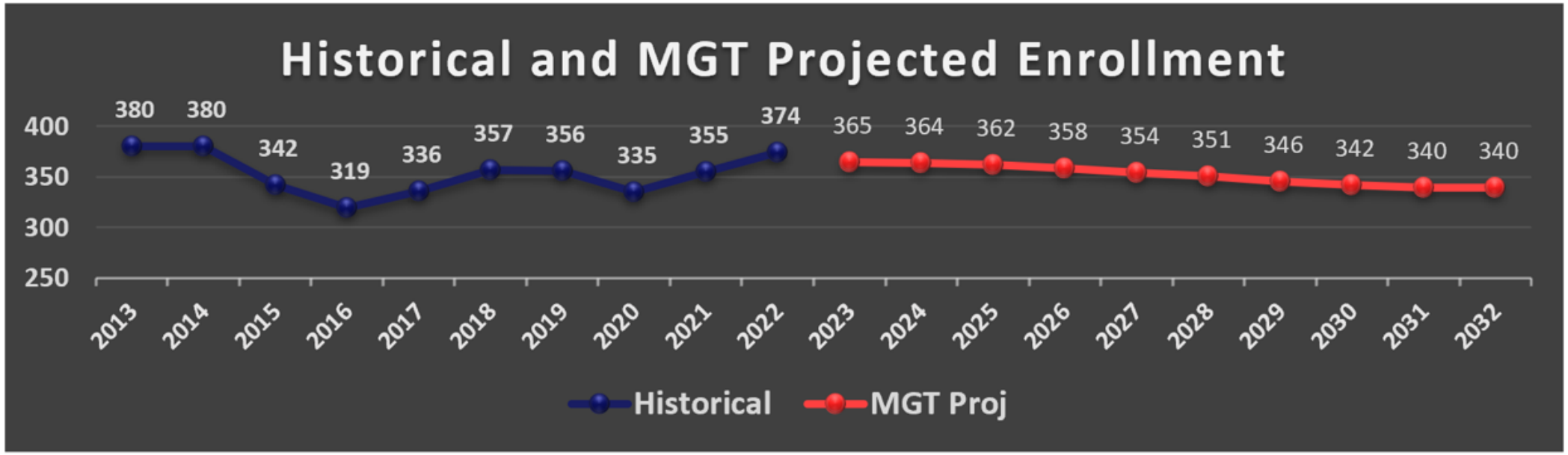
Heritage Elementary School



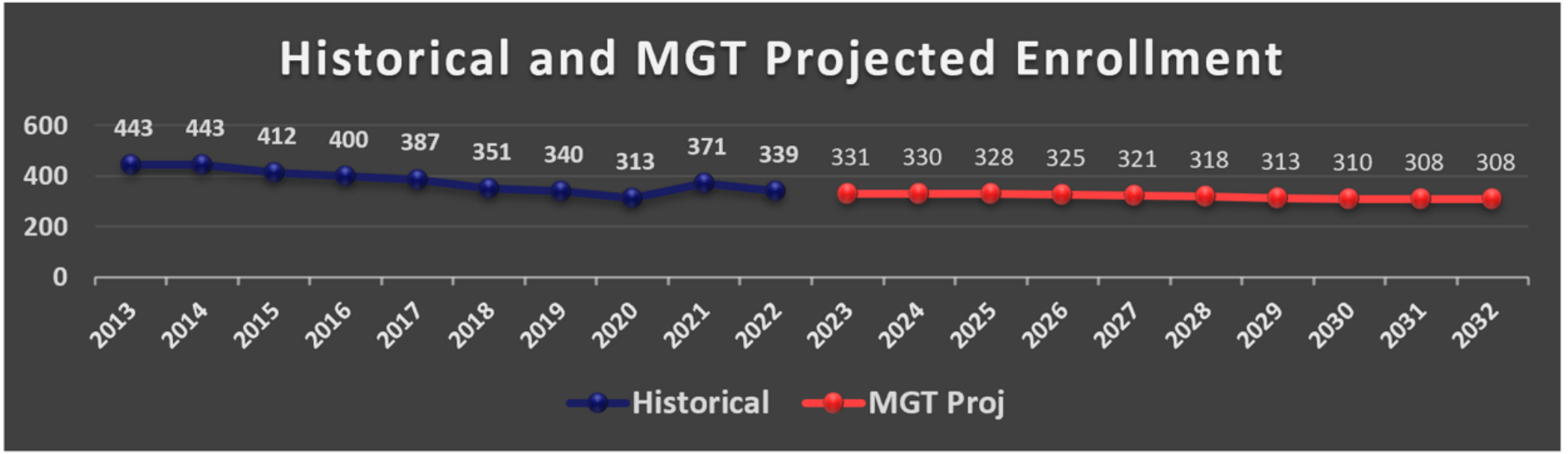
Linkhorne Elementary School



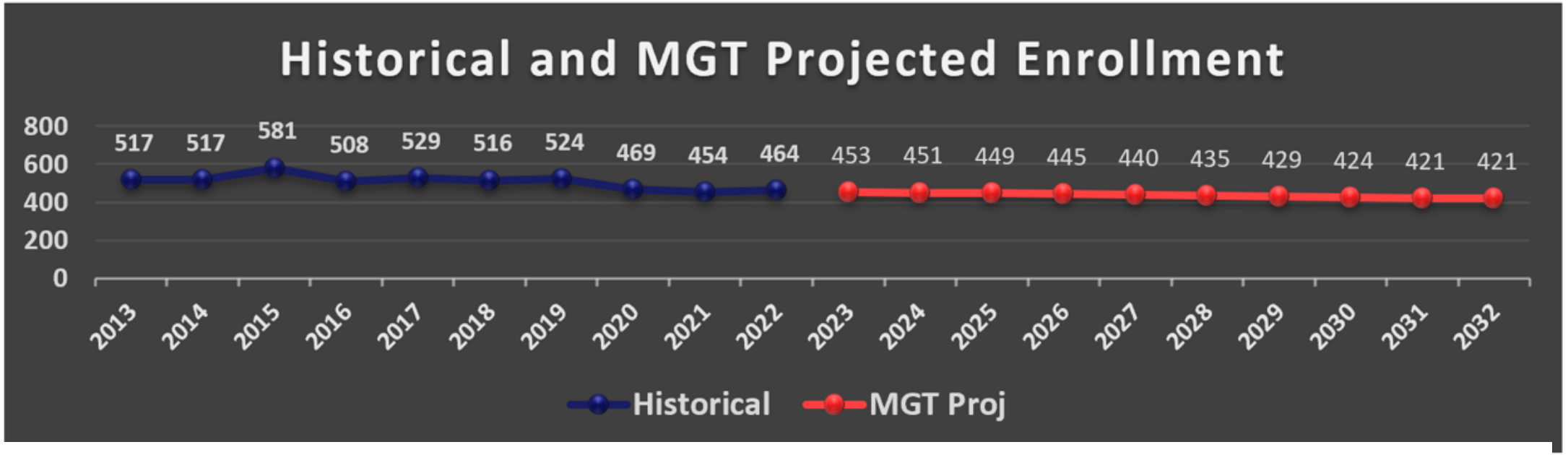
Paul Munro Elementary School



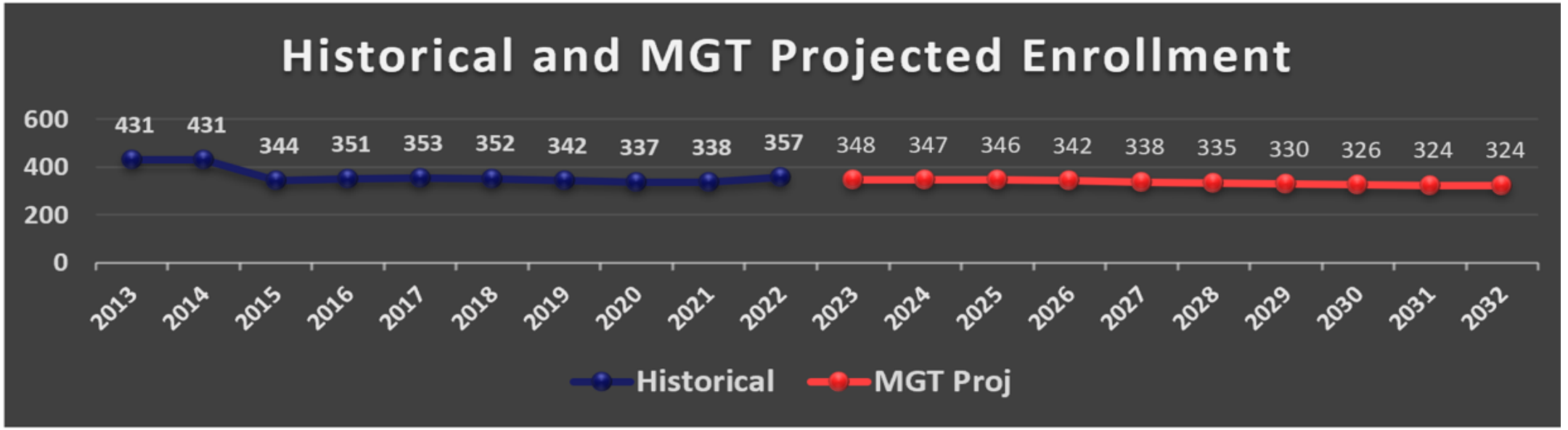
Perrymont Elementary School



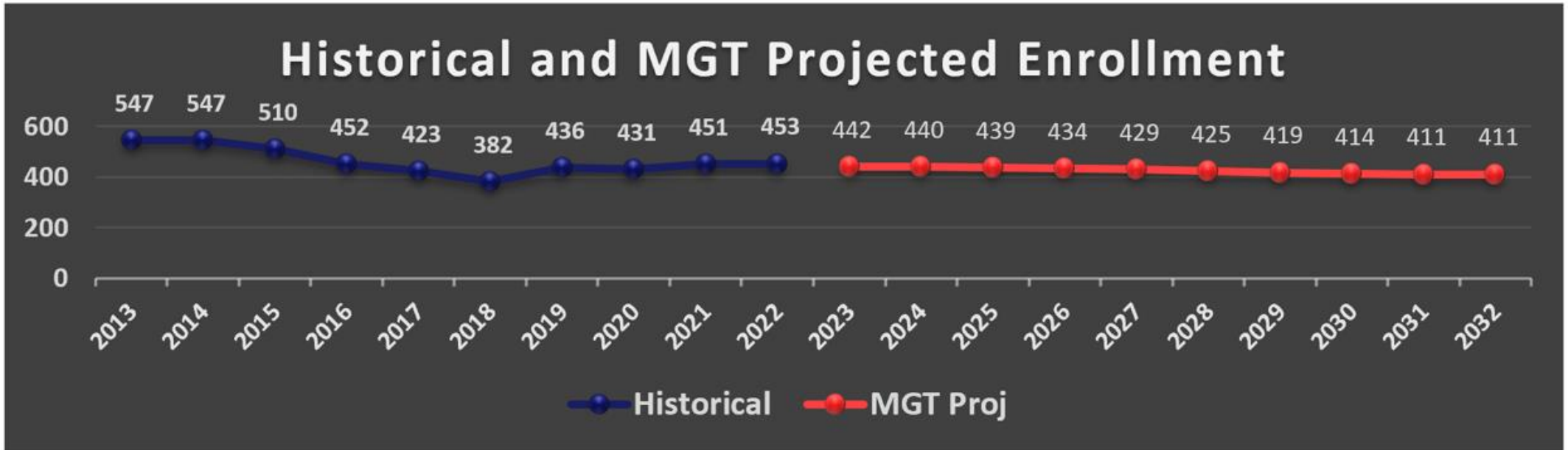
R.S. Payne Elementary School



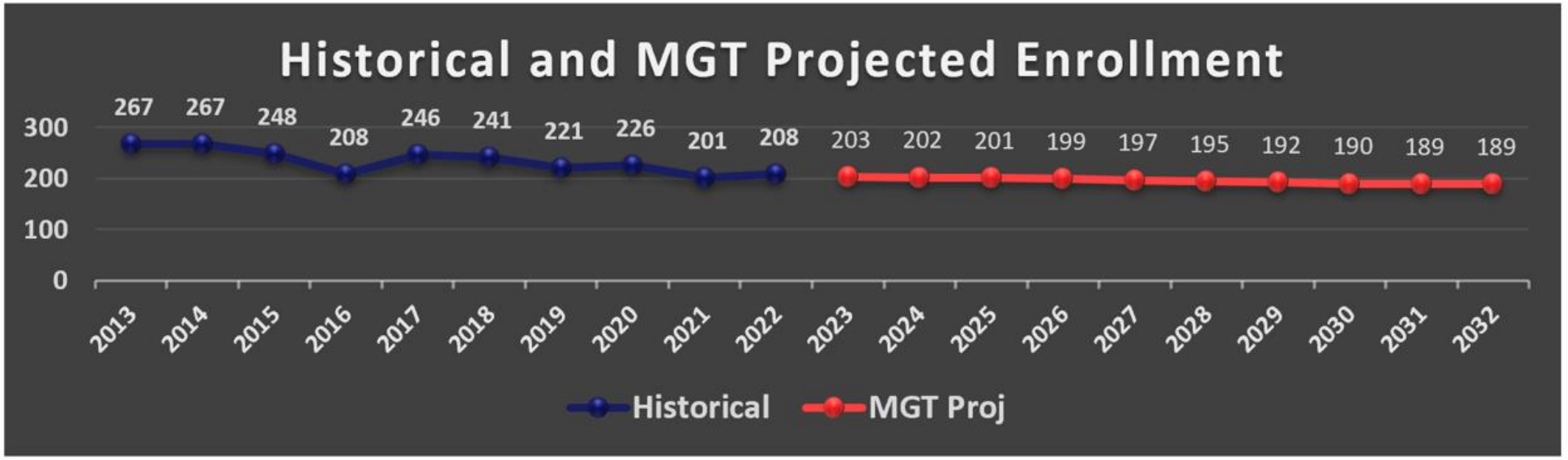
Sandusky Elementary School



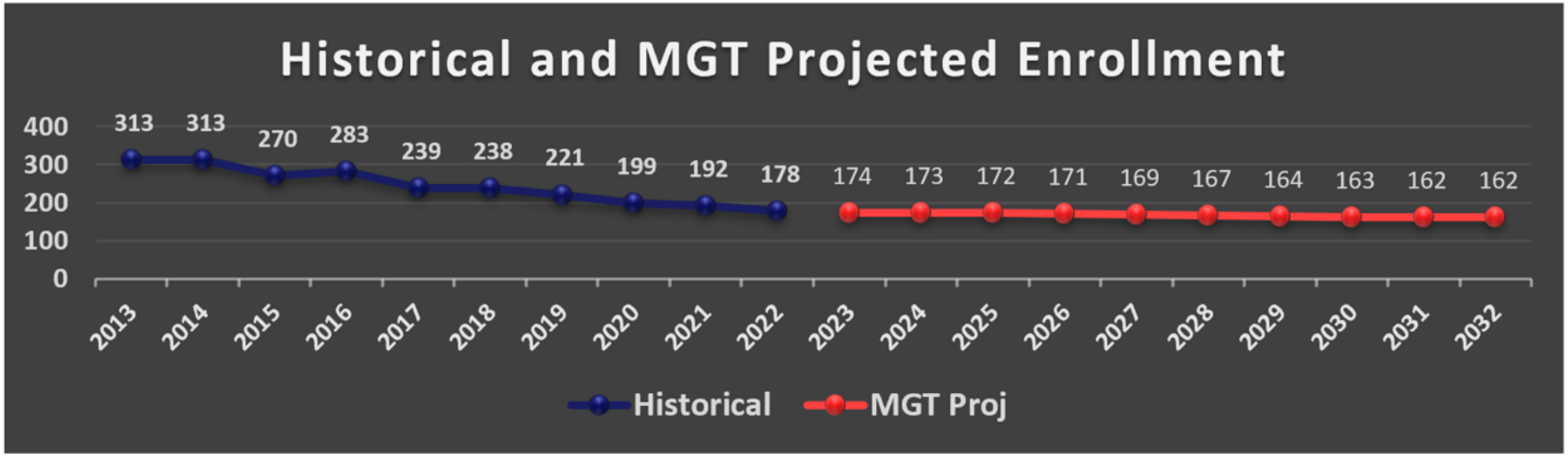
Sheffield Elementary School



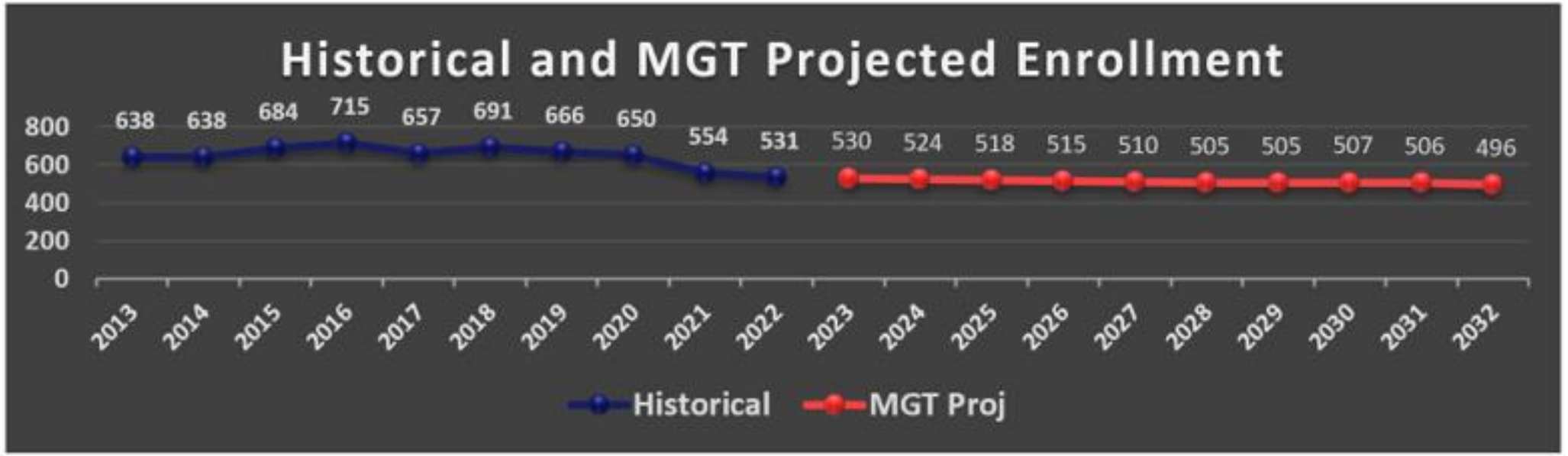
T.C. Miller Elementary School



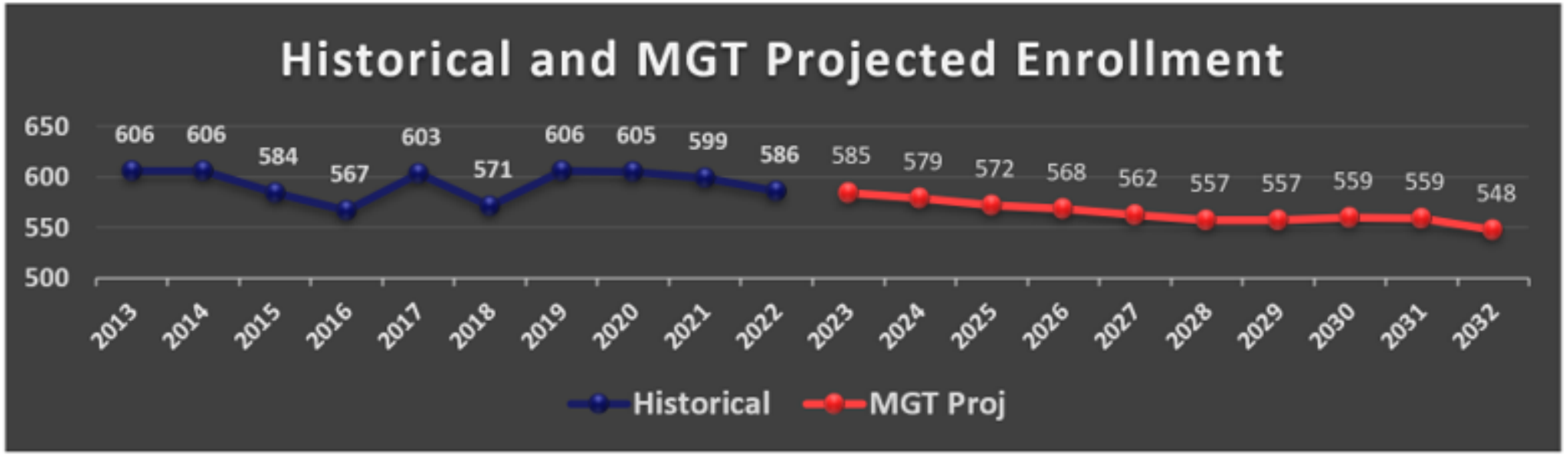
W.M. Bass Elementary School



Dunbar Middle School



Linkhorne Middle School



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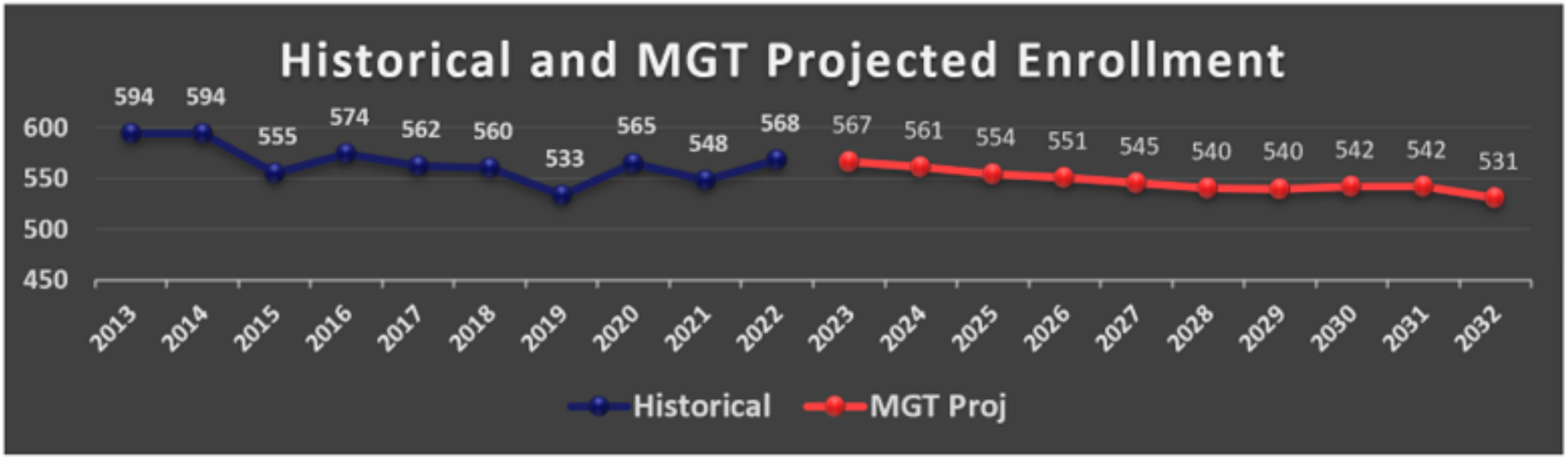
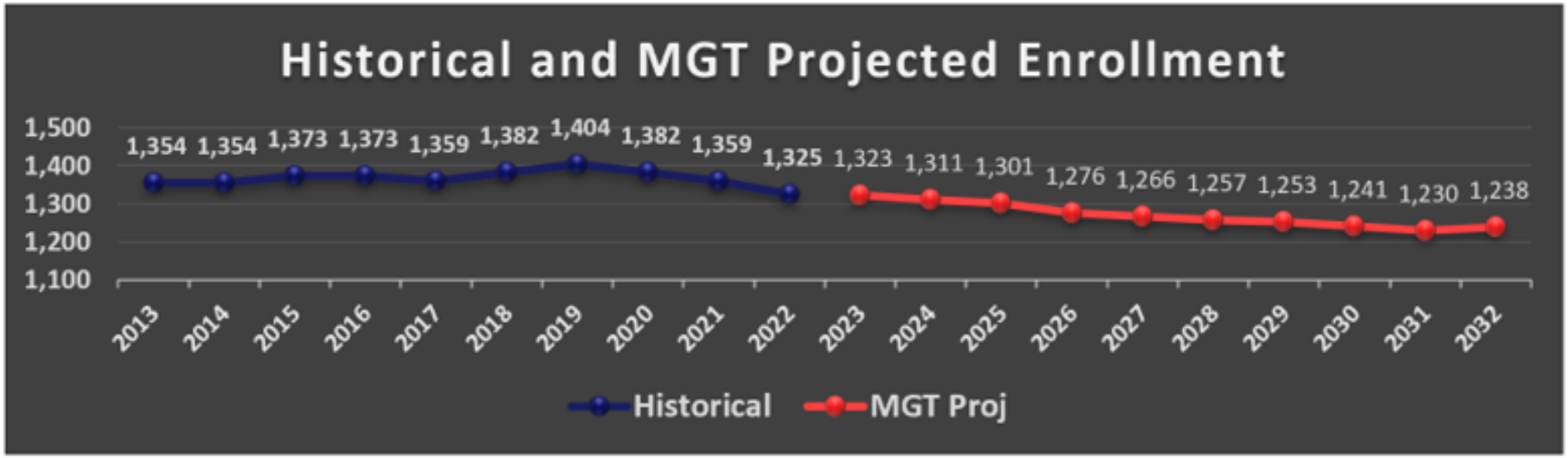
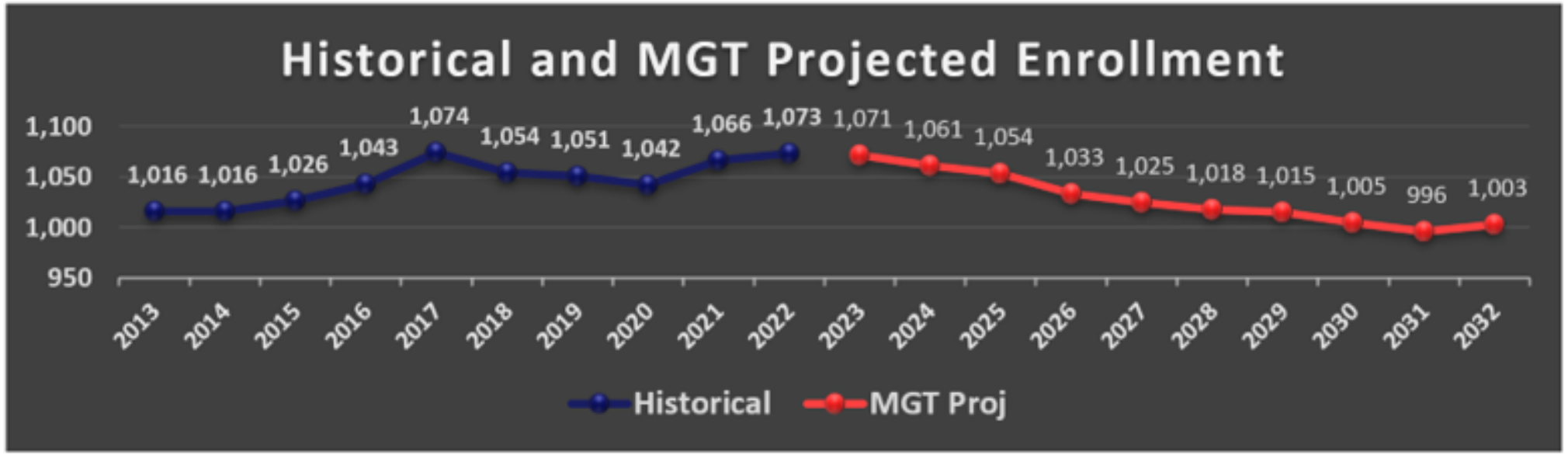


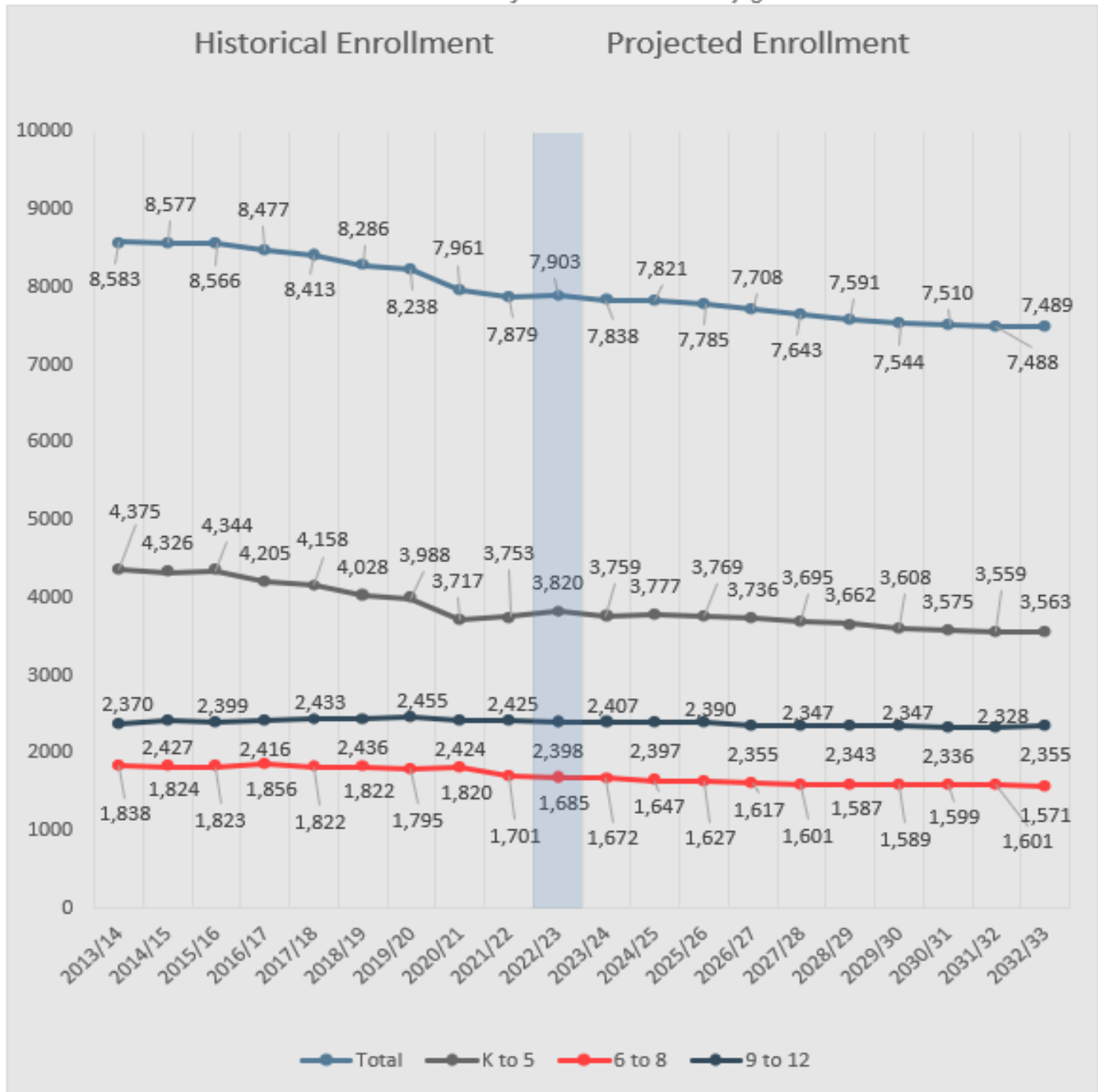
E.C. Glass High School



Heritage High School



Historical and Projected Enrollment by grade band



Facilities Overview

Synopsis of school buildings as reported in Lynchburg City Schools Facility Master Plan 2022.

Capacity and Utilization

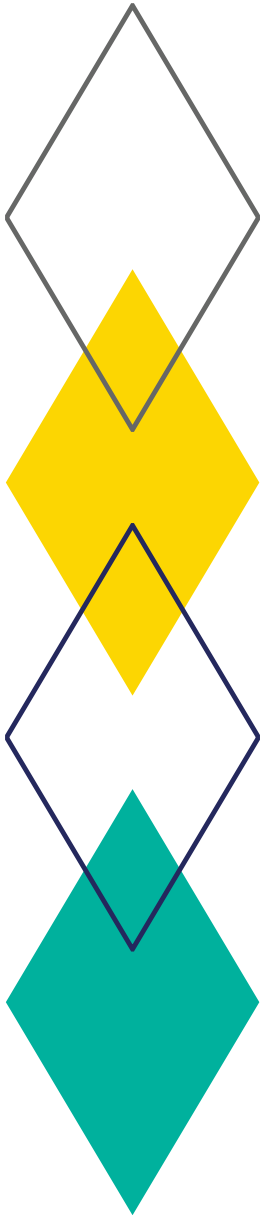
The functional capacity of a school is defined as the number of students a building can support based on the program of studies offered and educational standards.

Educational Suitability

This functionality assessment evaluates how well the facility supports the educational program that it houses. Each site receives one suitability score which applies to all the buildings at the facility.

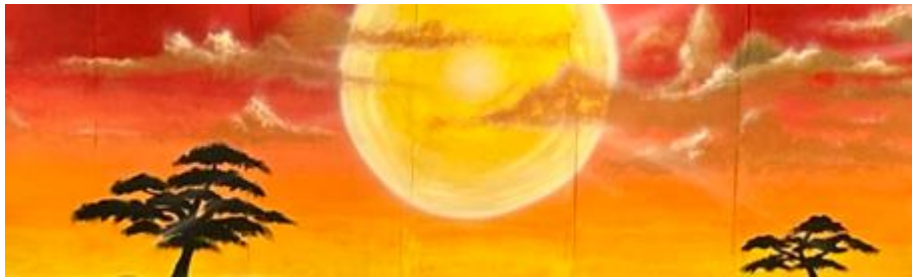
Building Condition

The building condition score measures the amount of deferred maintenance in the school building's major systems. The condition score of a facility is the average condition score of all the buildings at a site.



Lynchburg City Schools

- **Under-utilized schools**
  - **2 school < 70% utilized**
- **School size**
  - **4 school under 225 students**
- **Suitability**
  - **Condition score range of 66 to 95**
- **Facility Condition**
  - **Condition score range of 60 to 97**



Capacity and Utilization

The functional capacity of a school is defined as the number of students a building can support.

This is based on the program of studies offered and educational standards.

An “efficiency” score for each school using the building capacity data and enrollment.

EFFICIENCY RATE	DESCRIPTION
> 110	Inadequate Space
95 - 110	Approaching Inadequate Space
80 - 94	Adequate Space
70 - 79	Approaching Inefficient Use of Space
< 70	Inefficient Use of Space

Educational Suitability

The educational suitability or functionality assessment evaluates how well the facility supports the educational program that it houses. Each site receives one suitability score which applies to all the buildings at the facility.

90+	**Excellent:** The facility is designed to provide for and support the governmental/educational program offered. It may have a minor suitability/functionality issue but overall, it meets the needs of the educational/governmental program.
80-89	**Good:** The facility is designed to provide for and support a majority of the educational/governmental program offered. It may have minor suitability/functionality issues but generally meets the needs of the educational/governmental program.
70-79	**Fair:** The facility has some problems meeting the needs of the educational/governmental program and will require remodeling/renovation.
60-69	**Poor:** The facility has numerous problems meeting the needs of the educational/governmental program and needs significant remodeling, additions, or replacement.
BELOW 60	**Unsatisfactory:** The facility is unsuitable in support of the educational/governmental program.

Building Condition

The building condition score measures the amount of deferred maintenance in the school building's major systems. The condition score of a facility is the average condition score of all the buildings at a site. The scores are interpreted as follows:

90+	**New or Like New:** The building and/or a majority of its systems are in very good condition and only require preventive maintenance.
80-89	**Good:** The building and/or a majority of its systems are in good condition and only require routine maintenance.
70-79	**Fair:** The building and/or some of its systems are in fair condition based on age and operations.
60-69	**Poor:** The building and/or a significant number of its systems are in poor condition and require major repair, renovation, or replacement.
< 60	**Unsatisfactory:** The building and/or a majority of its systems should be replaced due to risk of system failure, inefficient operation, and increased maintenance requirements.

Overall Scores -- High Schools

School	Functional Capacity	Current Enrollment	Original Construction	Efficiency Rate	Suitability Score	Facility Assessment Score
E.C. Glass High	1,700	1,325	1955	78%	84	81
Heritage High	1,460	1073	2016	73%	95	96
CVGS	150	143		**	**	
High School Total	**3,310**	**2541**		**76%**	**89.5**	**89**

Overall Scores -- Middle Schools

School	Capacity	Current Enrollment	Original Construction	Utilization	Suitability Score	Facility Assessment Score
P.L. Dunbar MS	760	530	1940	70%	72	71.4
Linkhorne MS	760	585	1966	77%	75	80
Sandusky MS	653	568	2010	87%	90	93
Middle School Total	**2173**	**1683**		**78%**	**79**	**81.5**

Overall Scores -- Elementaries

School	Functional Capacity	Current Enrollment	Original Construction	Efficiency Rate	Suitability Score	Facility Assessment Score
Hutcherson	166	184	1960	111%	69	70
W.M. Bass	250	178	1949	71%	73	74
Bedford HIlls	547	379	1958	69%	81	73
Dearington	250	162	1927	65%	71	67
Heritage	499	482	1957	97%	75	72
LInkhorne	528	414	1966	78%	72	66
T.C. Miller	276	208	1932	75%	76	69
Paul Munro	434	374	1962	86%	68	70
R.S. Payne	625	464	1926	74%	66	67
Perrymont	427	339	1954	79%	75	68
Sandusky	386	357	1964	92%	72	62
Sheffield	480	442	1960	92%	85	80
Elementary Total	**4868**	**3885**		**82%**	**74**	**70**

Overall Scores

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