



NEEDHAM PUBLIC SCHOOLS

ASSISTANT SUPERINTENDENT FOR FINANCE & OPERATIONS

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December 19, 2023

To: Needham School Committee
From: Anne Gulati Director of Financial Operations
RE: FY 25-39 Enrollment Projection

Recently, McKibben Demographic Associates completed final enrollment projections for the fifteen-year period FY 2024/25 – 2038/39. These projections, which are discussed in greater detail below, incorporate the redistricting-level results of the 2020 Census and the results of the Town of Needham census of residents under the age of 18. This year, the projections also incorporate newly-available Census tract-level information that provides updated demographic information about each school attendance area.

Current Enrollment

Enrollment in the Needham Public Schools continues to return to Pre-Pandemic levels, similar to many other school districts around the country. As evident from the chart on the next page, Needham lost 221 students during the 2020/21 school year, primarily at the elementary level. The largest losses occurred at Preschool and Kindergarten, where parents opted to keep children home, home school, or send students to private school. The High School enrollment has remained relatively stable and consistent with prior year levels.

Since FY21, enrollment has increased by only 61 net students overall, to the current October 1, 2023 enrollment of 5,547 students. We estimate that only about 45% of the students who demitted in FY21 for COVID-related reasons returned to the District in FY22. (This statistic is based on the number of students who returned (58) as a percentage of the 130 incremental FY21 demits over the 238 historical average annual number of demits.) McKibben Demographics notes that return rates of 50-99% have been typical across the nation, with lower return rates experienced in communities that have, or have had, mask or vaccine mandates.

Needham Public Schools PreK-12 Total Enrollment by Level

McKibben Demographics Dec 2023 Best Series	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	Cum Change FY24-39	Cum Change FY19-39
Enrollment																							
PreK	83	72	50	74	85	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	-	(3)
Gr K-5	2,641	2,586	2,468	2,497	2,531	2,512	2,525	2,534	2,540	2,558	2,521	2,523	2,524	2,525	2,527	2,539	2,563	2,587	2,605	2,621	2,628	116	(13)
Gr 6-8	1,282	1,391	1,295	1,278	1,264	1,327	1,296	1,288	1,287	1,281	1,332	1,333	1,349	1,317	1,326	1,326	1,317	1,312	1,318	1,335	1,347	20	65
Gr 9-12	<u>1,722</u>	<u>1,658</u>	<u>1,673</u>	<u>1,677</u>	<u>1,653</u>	<u>1,628</u>	<u>1,641</u>	<u>1,638</u>	<u>1,647</u>	<u>1,682</u>	<u>1,654</u>	<u>1,655</u>	<u>1,638</u>	<u>1,689</u>	<u>1,703</u>	<u>1,704</u>	<u>1,725</u>	<u>1,700</u>	<u>1,702</u>	<u>1,692</u>	<u>1,691</u>	63	(31)
Total	5,728	5,707	5,486	5,526	5,533	5,547	5,542	5,540	5,554	5,601	5,587	5,591	5,591	5,611	5,636	5,649	5,685	5,679	5,705	5,728	5,746	199	18
Annual Inc/(Dec)																							
PreK	1	(11)	(22)	24	11	(5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gr K-5	48	(55)	(118)	29	34	(19)	13	9	6	18	(37)	2	1	1	2	12	24	24	18	16	7		
Gr 6-8	(22)	109	(96)	(17)	(14)	63	(31)	(8)	(1)	(6)	51	1	16	(32)	9	-	(9)	(5)	6	17	12		
Gr 9-12	<u>37</u>	<u>(64)</u>	<u>15</u>	<u>4</u>	<u>(24)</u>	<u>(25)</u>	<u>13</u>	<u>(3)</u>	<u>9</u>	<u>35</u>	<u>(28)</u>	<u>1</u>	<u>(17)</u>	<u>51</u>	<u>14</u>	<u>1</u>	<u>21</u>	<u>(25)</u>	<u>2</u>	<u>(10)</u>	<u>(1)</u>		
Total	64	(21)	(221)	40	7	14	(5)	(2)	14	47	(14)	4	-	20	25	13	36	(6)	26	23	18		

The returning students are not uniformly distributed across the grade levels. The Preschool and elementary populations have rebounded to nearly pre-Pandemic levels (as measured by the October 1, 2019 enrollment), while secondary enrollment is increasing more slowly. The current Preschool enrollment (of 80 students) now exceeds the FY20 enrollment of 72 students, while the K-5 current enrollment of 2,512 is 97.14% of the October 1, 2019 enrollment of 2,586. The secondary school enrollment of 2,955 is 96.9% of the FY20 enrollment of 3,049. This trend is projected to continue into FY25. In that year, elementary enrollment (of 2,525) will grow to 97.6% of the FY20 pre-Pandemic population of 2,586, while secondary enrollment will lag at 96.3% of the FY20 enrollment of 3,049 students.

FY 2024/25 Enrollment Forecast:

As noted in the above chart, the projected FY25 PreK-12 enrollment is 5,542, a reduction of five (5) students (or 0.1%) overall from the current enrollment of 5,547. The elementary population is projected to grow by 13 students, while the middle school population decreases by 31 students and the High School population increases by 13 students.

The projected student growth will vary by school attendance area. The elementary populations of Williams, Mitchell and Newman schools are projected to increase in FY25, while the student body at Eliot is expected to remain steady state and the Broadmeadow population is expected to decrease. McKibben projects slightly larger Kindergarten classes at all schools except Broadmeadow, where Kindergarten numbers are projected to decline slightly. Broadmeadow’s overall reduction is explained by the departure of the large fifth grade class (of 101 students) to High Rock. Secondary enrollment projections generally reflect the movement of classes through the system, as well as anticipated student loss at the middle school level.

FY 2024/25 – 2038/39 Fifteen-Year Forecast:

McKibben projects that District-wide enrollment will return to pre-Pandemic levels (of approximately 5,600 students) by the 2034-35 School Year. An average of 15 new students are anticipated per year over the next fifteen years, resulting in cumulative growth of 199 students, overall. Most of this growth is expected to occur at the elementary level, with associated secondary growth, as entering classes move through the system.

McKibben attributes this population growth both to the number of resident births, as well as to the ongoing in-migration of new families with children to Needham. Although Needham’s birth rate of 1.72 is below the replacement rate of 2.1 children per family, the number of births has exceeded the number of deaths in five of the past eight years, helping to stabilize Needham’s enrollment. In addition, the in-migration of new families brings an infusion of young people, which helps to counteract the sub-replacement birth rate.

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Births & Deaths								
Births to Residents	263	240	264	271	275	272	250	257
Resident Deaths	279	288	257	252	309	232	228	247

Source: Needham Annual Town Report (2019, 2020, 2021, 2022, Town Clerk 2023)

The underlying demographics of births and in-migration are illustrated in the population pyramids found in Attachment J. These charts are a graphical illustration of the distribution of Needham’s population by age and sex. Needham’s pyramids are typical of those found in areas with higher levels of socio-economic growth and plentiful access to education and health care, and where delayed childbearing and longevity are common. In these areas, a “constrictive” pyramid is the norm, in which there is a relatively smaller percentage of young children than older people in a community. This type of pyramid is characterized by a ‘top heavy’ shape and a tapered (smaller) base. Needham’s pyramids also reflect an attribute common to affluent suburban communities of a “constricted waist”, in which young adults (in the 25-35-year age group) leave the community to pursue educational opportunities or seek housing in lower-cost areas. The population picks back up again among 30-40-year-olds, as young families with children move into Needham. This in-migration brings an infusion of young people to counteract the smaller number of natively-born children aged 0-5, as is shown by the larger cohorts of children in older age groups.

The enrollment forecast also reflects the assumption of continued strong single family home sales in Needham. The current forecast assumes that 280 homes will be sold on average each year through 2028, increasing to 300/year between 2029 – 2030, and then growing to 330/year until 2038. (This compares to the prior year assumption of 300 single family homes sold annually through 2030, and then falling to 250/year after that.) This assumption models what McKibben sees as an emerging pattern of families leaving the Boston urban center for the suburbs, an expectation for generational turnover to occur in the Newman and Broadmeadow districts over the next 10-15 years, and a prediction that home prices will come down in the future, all of which are expected to bolster demand for Needham housing. Growth is expected to be tempered, however, by the projection for sustained high mortgage interest rates of between 5.5 - 7.5%.

The impact of this projected activity on class size is shown in the chart below. Kindergarten classes are expected to remain at approximately 400 students for most of the next fifteen years, with large class sizes rippling through the system to the upper grades.

Needham Public Schools Total Enrollment - FY 18/19 - 38/39 "Best" Projection																					
DISTRICT	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
McKibben "Best"																					
Dec 2023 Final																					
PK	83	72	50	74	85	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
K	412	390	333	369	418	376	392	395	400	396	391	394	396	400	403	407	409	413	414	416	410
1	430	436	401	411	389	443	405	407	410	414	410	405	408	410	414	416	420	424	428	429	431
2	434	441	426	415	433	403	455	415	417	420	424	419	414	417	419	424	426	428	432	437	438
3	460	434	438	430	421	425	411	462	422	425	428	433	428	422	426	428	433	436	437	441	446
4	413	463	428	439	434	422	433	417	469	429	432	435	438	433	427	432	436	442	445	446	450
5	492	422	442	433	436	443	429	438	422	474	436	437	440	443	438	432	439	444	449	452	453
6	450	499	394	450	446	447	428	435	445	428	481	443	444	447	452	445	438	446	451	456	459
7	440	460	461	383	443	437	440	422	428	438	422	476	439	440	443	447	441	434	442	446	451
8	392	432	440	445	375	443	428	431	414	415	429	414	466	430	431	434	438	432	425	433	437
9	450	380	424	431	417	373	439	424	427	410	411	425	410	461	426	427	430	431	426	417	427
10	428	453	377	420	428	414	371	435	420	423	406	407	421	406	456	422	425	428	429	424	415
11	404	421	445	377	421	417	410	367	431	416	419	402	403	417	402	451	418	421	424	425	420
12	436	401	423	441	379	418	415	406	363	427	412	415	398	399	413	398	446	414	417	420	423
SP	4	3	4	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total: K-12	5,645	5,635	5,436	5,452	5,448	5,467	5,462	5,460	5,474	5,521	5,507	5,511	5,511	5,531	5,556	5,569	5,605	5,599	5,625	5,648	5,666
Total PreK-12	5,728	5,707	5,486	5,526	5,533	5,547	5,542	5,540	5,554	5,601	5,587	5,591	5,591	5,611	5,636	5,649	5,685	5,679	5,705	5,728	5,746
Change	64	(21)	(221)	40	7	14	(5)	(2)	14	47	(14)	4	-	20	25	13	36	(6)	26	23	18
% Change	1.1%	-0.4%	-3.9%	0.7%	0.1%	0.3%	-0.1%	0.0%	0.3%	0.8%	-0.2%	0.1%	0.0%	0.4%	0.4%	0.2%	0.6%	-0.1%	0.5%	0.4%	0.3%

As noted above, the forecasted growth will not occur uniformly. McKibben projects that enrollment growth will vary by district, and may differ from the projection developed last year. The Broadmeadow and Newman schools are projected to have more students over the next fifteen years, than were forecast last year, while Eliot, Sunita Williams and Mitchell Schools are projected to have fewer students than before. (See Attachments B-F). These projections are driven by the underlying demographics of each district, as revealed by the newly-available 2020 Census tract-level data. The Broadmeadow and Newman districts, which have the largest populations of older residents, are expected to experience more generational turnover during the next ten to fifteen years, which, in turn, will enable more families with children to move into those districts. By contrast, the Eliot, Sunita Williams and Mitchell neighborhoods, which have relatively younger populations, will not experience the same volume of generational turnover, leading to lower levels of enrollment growth.

Variance from November 2023 Preliminary Estimates:

Needham Public Schools PreK-12 Total Enrollment by Level: Final (2023) v. Preliminary (2023) Projection																						Cum	Cum
McKibben Demographics																					Change	Change	
Dec 2023 Best Series	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	FY24-39	FY19-39
<u>Final (2023)</u>																							
PreK	83	72	50	74	85	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	-	(3)
Gr K-5	2,641	2,586	2,468	2,497	2,531	2,512	2,525	2,534	2,540	2,558	2,521	2,523	2,524	2,525	2,527	2,539	2,563	2,587	2,605	2,621	2,628	116	(13)
Gr 6-8	1,282	1,391	1,295	1,278	1,264	1,327	1,296	1,288	1,287	1,281	1,332	1,333	1,349	1,317	1,326	1,326	1,317	1,312	1,318	1,335	1,347	20	65
Gr 9-12	1,722	1,658	1,673	1,677	1,653	1,628	1,641	1,638	1,647	1,682	1,654	1,655	1,638	1,689	1,703	1,704	1,725	1,700	1,702	1,692	1,691	63	(31)
PreK-Total	5,728	5,707	5,486	5,526	5,533	5,547	5,542	5,540	5,554	5,601	5,587	5,591	5,591	5,611	5,636	5,649	5,685	5,679	5,705	5,728	5,746	199	18
<u>Prelim (2023)</u>																							
PreK	83	72	50	74	85	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	-	(3)
Gr K-5	2,641	2,586	2,468	2,497	2,531	2,512	2,535	2,553	2,561	2,580	2,542	2,544	2,537	2,528	2,527	2,539	2,563	2,587	2,605	2,621	2,628	116	(13)
Gr 6-8	1,282	1,391	1,295	1,278	1,264	1,327	1,298	1,290	1,287	1,284	1,337	1,339	1,363	1,339	1,351	1,344	1,325	1,316	1,322	1,340	1,353	26	71
Gr 9-12	1,722	1,658	1,673	1,677	1,653	1,628	1,647	1,643	1,653	1,686	1,659	1,662	1,643	1,698	1,713	1,722	1,755	1,734	1,735	1,716	1,704	76	(18)
PreK-Total	5,728	5,707	5,486	5,526	5,533	5,547	5,560	5,566	5,581	5,630	5,618	5,625	5,623	5,645	5,671	5,685	5,723	5,717	5,742	5,757	5,765	218	37
<u>Variance</u>																							
PreK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gr K-5	-	-	-	-	-	-	(10)	(19)	(21)	(22)	(21)	(21)	(13)	(3)	-	-	-	-	-	-	-	-	-
Gr 6-8	-	-	-	-	-	-	(2)	(2)	-	(3)	(5)	(6)	(14)	(22)	(25)	(18)	(8)	(4)	(4)	(5)	(6)	(6)	(6)
Gr 9-12	-	-	-	-	-	-	(6)	(5)	(6)	(4)	(5)	(7)	(5)	(9)	(10)	(18)	(30)	(34)	(33)	(24)	(13)	(13)	(13)
PreK-Total	-	-	-	-	-	-	(18)	(26)	(27)	(29)	(31)	(34)	(32)	(34)	(35)	(36)	(38)	(38)	(37)	(29)	(19)	(19)	(19)

The final projection represents a slight reduction from the November, 2023 preliminary estimates. The FY25 enrollment of 5,542 is projected to be 18 students less than the preliminary projection of 5,560, driven by 10 fewer students at the elementary level. The preliminary projection was used as the FY25 budget enrollment. The slightly smaller final FY25 population forecast does not change the anticipated number of elementary sections built into the FY25 budget, as the reduction is spread across schools and grade levels.

Forecast Assumptions:

The preliminary projections are based the following general assumptions:

1. Method of analysis remains cohort-component method of population forecasting.
2. The population forecast is calibrated to the total population results of the U.S. 2020 Decennial Census. In addition, the enrollment forecast incorporates Town census data for residents under the age of 18, and current home sales trends.
3. The following economic parameters are assumed over the life of the forecast:
 - a. The 30-year fixed mortgage interest rate stays between 5.5 and 7.5%. (This is an increase from last year's projection, where the interest rate was assumed to stay between 5-7%, and from pre-prior year projections of interest rates below 4.5%.)
 - b. Sales of existing, single-family homes will average 280 per year through 2028, after which annual sales will increase to 300 through 2030, and then to 330 until 2038. Last year's projection was based on 300 existing home sales per year through 2030, and then 250 per year after that. (Pre-prior year assumptions were much lower at 210 per year until 2030, and then rising to 240 by 2036.) The updated assumption of 280 is based on the combined impact of mortgage interest rates of 7% or more and limited supply having a depressing effect on the number of home sales in Needham. The subsequent year increases, however, reflect the generational turnover that is expected to occur in the Newman and Broadmeadow districts during the next 10-15 years and the expectation that home prices will come down in the future, all contributing to strong demand for Needham housing.
 - c. An average of 80 net new single family housing units are constructed each year, which is an increase from prior year assumptions of between 50-60 units per year.
 - d. The average annual unemployment rate stays below 7.5% (the same as last year, and up slightly from the 7% of prior years.)
4. The 'best' population estimates are based on existing and new development, which is either under construction or at the review/ permitting stage (permitted or about to be permitted.) The new development assumes the following student generation rates: 1-bedroom units: 0 students/ unit; 2-bedroom units: 0.07 students/unit; 3-bedroom units: 0.11 students/unit.
 - a. For the “**Best**” Enrollment Projections:
 - i. 1180 Great Plain Avenue ("Best") – Newman Elementary
 1. New proposed development currently under review - converts a retirement home to 16 units of rental housing: 8 1-bedroom, 8 2-bedroom, 25% of which are affordable.
 2. Assumed to open July, 2024.

- i. Heather Lane (764-768A Chestnut Street) - Newman Elementary
 - 1. New approved subdivision on approximately 13 acres.
 - 2. There will be a total of 11 new lots created by a series of applications (two subdivision applications and a residential compound.) Of these, seven will be new building lots for single family homes. According to the Building Commissioner, some lots are undeveloped, one is under construction, and four homes are completed.
 - 3. Assume 65% occupancy by 2024; 35% occupancy by 2025.
- ii. 400 Hunnewell - Eliot Elementary
 - 1. New, 8-unit condominium building with two bedrooms each.
 - 2. Permitted 2020, this building is now ready for occupancy.

5. For the “**High**” enrollment projections – prospective or conceptual development only:

At this time, there are no prospective or conceptual developments to model in a ‘high’ projection series. However, the State has just passed a law, which will require multi-family zoning by right in the areas of Needham served by commuter rail, with the potential to result in a significant number of children over the next ten to fifteen years. While some information is known about that the MBTA Communities Act, we will not have enough information to model an enrollment impact until at least this time next year. The following is provided for early information only, but not action, this year.

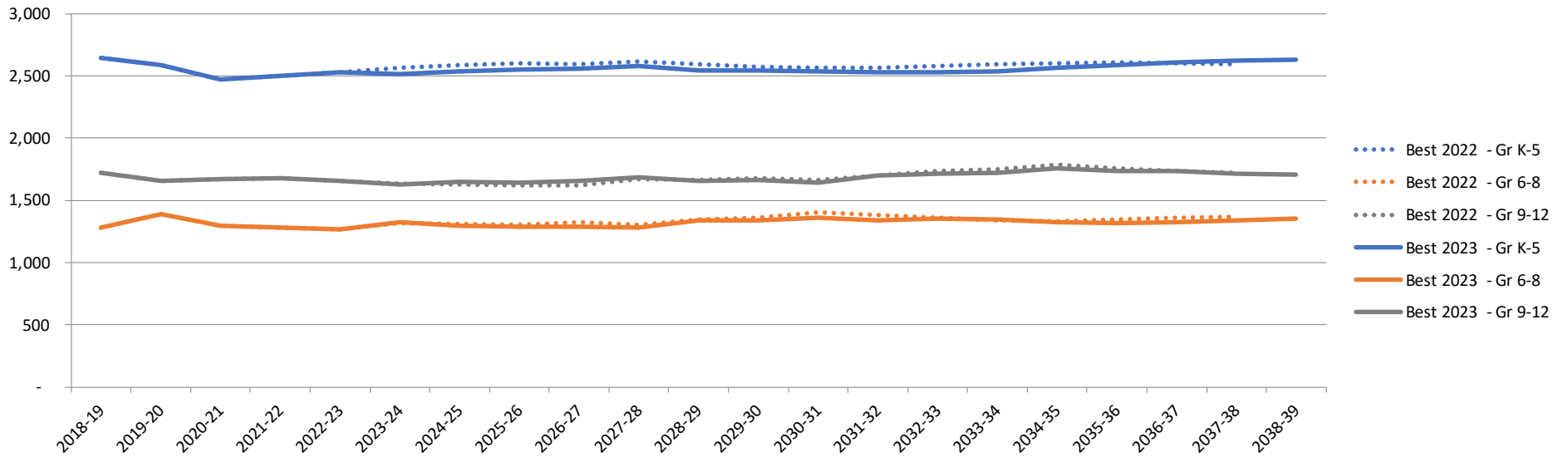
- i. MGL Ch. 40A s3A recently mandated a certain level of by-right multi-family housing zoning in each community within or adjacent to the Massachusetts Bay Transportation Authority (MBTA) service area. The [MBTA Communities Act](#) requires zoning of at least one district of reasonable size in which multifamily housing is permitted as of right. The district must be partly located within ½ mile of the commuter rail (or other public transit service), cannot have age restrictions, must be suitable for families with children, and must have a minimum gross density of 15 dwelling units per acre. The deadline for Needham to approve this zoning is December 31, 2024.
- ii. Needham’s unit capacity requirements under the law are:
 - 1. Minimum unit capacity: 1,784 units (2020 Census Housing Count x 15%)
 - 2. % Located Near Transit Station: 90% (1,606 Multi-Family Units)
 - 3. Minimum Density: 15 DU/AC
- iii. Under [Needham’s 2022 Housing Plan](#), the majority of this development could occur along the following high-density corridors: Highland Avenue (Sunita Williams and Eliot Districts) and Chestnut Street (Newman District.) We assume that 10% of units will be ‘affordable.’

ALG/alg
Attachment(s)

Attachment A: FY 18/19 – 38/39 Projected Total School Enrollment

Needham Public Schools Total Enrollment - FY 18/19 - 38/39 "Best" Projection																					
DISTRICT McKibben "Best" Dec 2023 Final	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
PK	83	72	50	74	85	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
K	412	390	333	369	418	376	392	395	400	396	391	394	396	400	403	407	409	413	414	416	410
1	430	436	401	411	389	443	405	407	410	414	410	405	408	410	414	416	420	424	428	429	431
2	434	441	426	415	433	403	455	415	417	420	424	419	414	417	419	424	426	428	432	437	438
3	460	434	438	430	421	425	411	462	422	425	428	433	428	422	426	428	433	436	437	441	446
4	413	463	428	439	434	422	433	417	469	429	432	435	438	433	427	432	436	442	445	446	450
5	492	422	442	433	436	443	429	438	422	474	436	437	440	443	438	432	439	444	449	452	453
Total: K-5	2,641	2,586	2,468	2,497	2,531	2,512	2,525	2,534	2,540	2,558	2,521	2,523	2,524	2,525	2,527	2,539	2,563	2,587	2,605	2,621	2,628
6	450	499	394	450	446	447	428	435	445	428	481	443	444	447	452	445	438	446	451	456	459
7	440	460	461	383	443	437	440	422	428	438	422	476	439	440	443	447	441	434	442	446	451
8	392	432	440	445	375	443	428	431	414	415	429	414	466	430	431	434	438	432	425	433	437
Total: 7-8	832	892	901	828	818	880	868	853	842	853	851	890	905	870	874	881	879	866	867	879	888
9	450	380	424	431	417	373	439	424	427	410	411	425	410	461	426	427	430	431	426	417	427
10	428	453	377	420	428	414	371	435	420	423	406	407	421	406	456	422	425	428	429	424	415
11	404	421	445	377	421	417	410	367	431	416	419	402	403	417	402	451	418	421	424	425	420
12	436	401	423	441	379	418	415	406	363	427	412	415	398	399	413	398	446	414	417	420	423
SP	4	3	4	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total: 9-12	1,722	1,658	1,673	1,677	1,653	1,628	1,641	1,638	1,647	1,682	1,654	1,655	1,638	1,689	1,703	1,704	1,725	1,700	1,702	1,692	1,691
Total: K-12	5,645	5,635	5,436	5,452	5,448	5,467	5,462	5,460	5,474	5,521	5,507	5,511	5,511	5,531	5,556	5,569	5,605	5,599	5,625	5,648	5,666
Total PreK-12	5,728	5,707	5,486	5,526	5,533	5,547	5,542	5,540	5,554	5,601	5,587	5,591	5,591	5,611	5,636	5,649	5,685	5,679	5,705	5,728	5,746
Change	64	(21)	(221)	40	7	14	(5)	(2)	14	47	(14)	4	-	20	25	13	36	(6)	26	23	18
% Change	1.1%	-0.4%	-3.9%	0.7%	0.1%	0.3%	-0.1%	0.0%	0.3%	0.8%	-0.2%	0.1%	0.0%	0.4%	0.4%	0.2%	0.6%	-0.1%	0.5%	0.4%	0.3%

FY19-39 Erollment by Level Compared to Prior Year Projections Current (2023) vs Prior (2022)

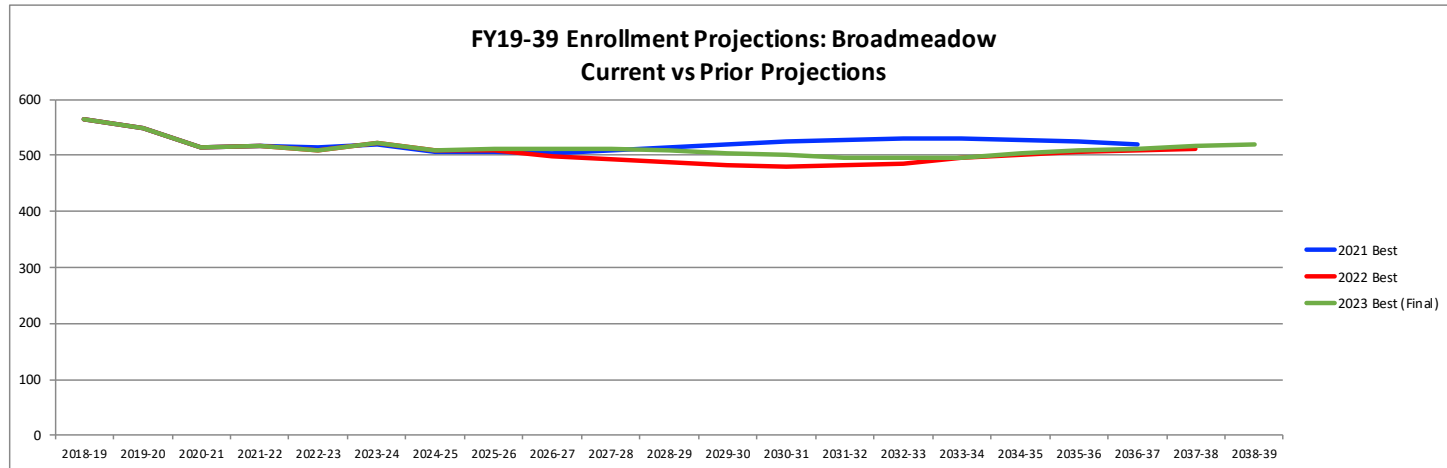


Attachment B: FY 18/19 – 38/39 Projected Broadmeadow Elementary Enrollment

BROADMEADOW
McKibben "Best"
Dec 2023 Final

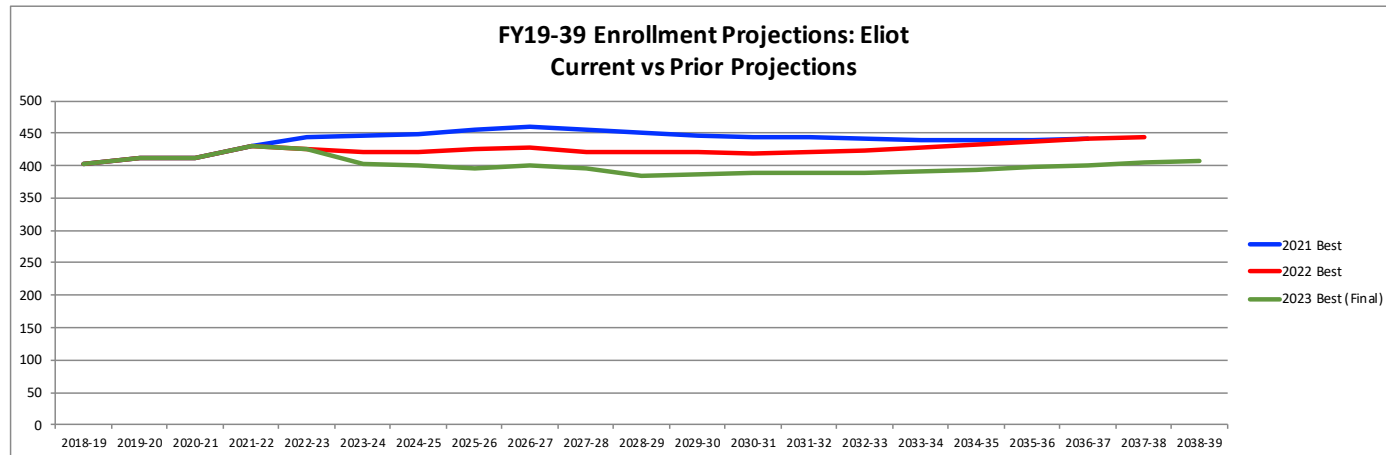
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
K	97	77	74	76	78	81	79	78	79	78	76	76	77	78	79	80	80	81	81	82	81
1	83	102	73	87	81	82	85	84	83	83	82	80	80	81	82	82	83	83	84	84	85
2	95	84	98	84	90	85	84	87	86	85	85	84	82	82	83	84	84	85	85	87	87
3	96	95	85	97	86	86	87	86	89	88	87	88	87	84	84	85	86	86	87	87	89
4	86	97	93	80	99	87	87	88	87	90	89	88	87	86	83	83	86	87	87	88	88
5	109	93	92	92	76	101	88	88	89	88	91	88	87	86	85	82	84	87	88	88	89
Total K-5	566	548	515	516	510	522	510	511	513	512	510	504	500	497	496	496	503	509	512	516	519
Change	23	-18	-33	1	-6	12	-12	1	2	-1	-2	-6	-4	-3	-1	0	7	6	3	4	3
% Change	4.2%	-3.2%	-6.0%	0.2%	-1.2%	2.4%	-2.3%	0.2%	0.4%	-0.2%	-0.4%	-1.2%	-0.8%	-0.6%	-0.2%	0.0%	1.4%	1.2%	0.6%	0.8%	0.6%

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
2023 Best (Final)	566	548	515	516	510	522	510	511	513	512	510	504	500	497	496	496	503	509	512	516	519
2023 Best (Preliminary)	566	548	515	516	510	522	510	512	514	513	511	505	501	497	496	496	503	509	512	516	519
2022 Best	566	548	515	516	510	523	510	509	498	494	488	483	481	482	486	495	502	506	509	511	
2021 Best	566	548	515	516	514	519	507	507	504	510	515	520	525	528	531	531	528	524	520		
2020 Best - COVID	566	548	515	496	477	477	466	492	506	516	521	519	516	513	509	503	498	495			
2020 Best - NO COVID	566	548	515	526	519	526	517	534	538	535	530	523	517	514	510	505	500	497			



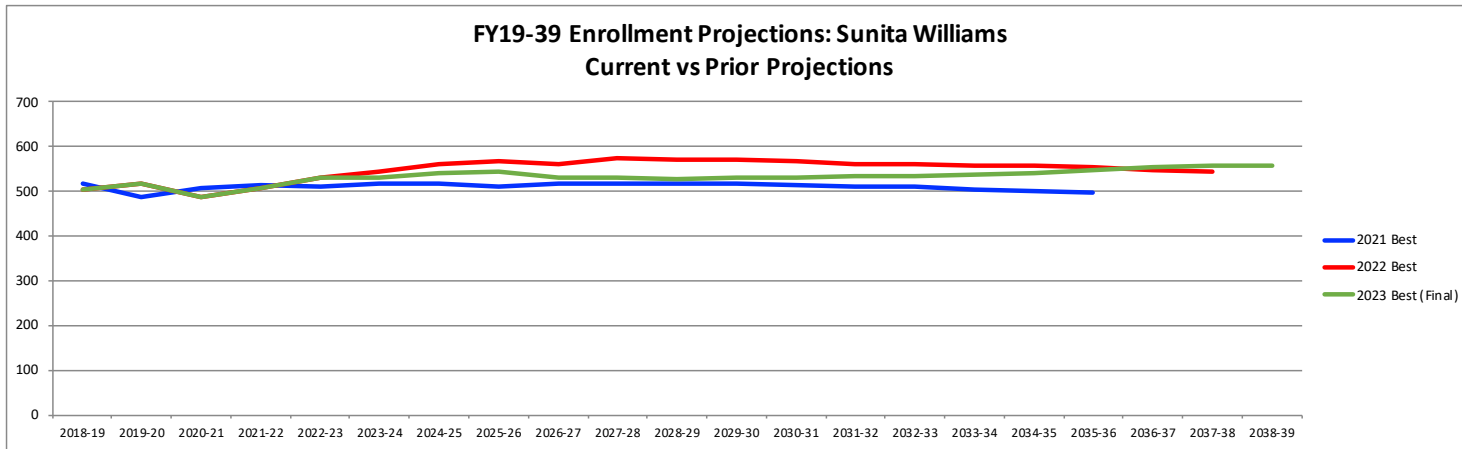
Attachment C: FY 18/19 – 38/39 Projected Eliot Elementary Enrollment

ELIOT McKibben "Best" Dec 2023 Final																					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
K	60	64	62	73	66	53	61	62	63	63	61	62	62	63	63	64	65	66	67	68	67
1	70	67	67	68	74	73	60	62	63	64	64	62	63	63	64	64	65	66	67	68	69
2	59	75	72	69	66	69	74	61	63	64	65	65	63	64	64	65	65	66	67	68	69
3	68	61	74	75	69	62	70	75	62	64	65	66	66	64	65	65	66	66	66	67	68
4	69	73	64	75	73	72	63	71	77	63	65	66	67	67	65	66	66	67	67	67	68
5	76	72	73	71	78	73	73	64	72	78	64	66	67	68	68	66	67	67	67	67	67
Total: K-5	402	412	412	431	426	402	401	395	400	396	384	387	388	389	389	390	394	398	401	405	408
Change	9	10	0	19	-5	-24	-1	-6	5	-4	-12	3	1	1	0	1	4	4	3	4	3
% Change	2.3%	2.5%	0.0%	4.6%	-1.2%	-5.6%	-0.2%	-1.5%	1.3%	-1.0%	-3.0%	0.8%	0.3%	0.3%	0.0%	0.3%	1.0%	1.0%	0.8%	1.0%	0.7%
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
2023 Best (Final)	402	412	412	431	426	402	401	395	400	396	384	387	388	389	389	390	394	398	401	405	408
2023 Best (Preliminary)	402	412	412	431	426	402	403	398	403	399	387	390	390	390	389	390	394	398	401	405	408
2022 Best	402	412	412	431	426	422	422	425	427	420	420	420	419	420	424	428	433	436	441	443	
2021 Best	402	412	412	431	443	446	448	455	460	455	451	447	444	444	442	440	440	439	441		
2020 Best - COVID	402	412	410	412	415	409	408	410	409	410	409	406	404	403	404	405	408	412			
2020 Best - NO COVID	402	412	410	421	430	427	424	423	420	415	410	406	408	410	413	415	418	422			



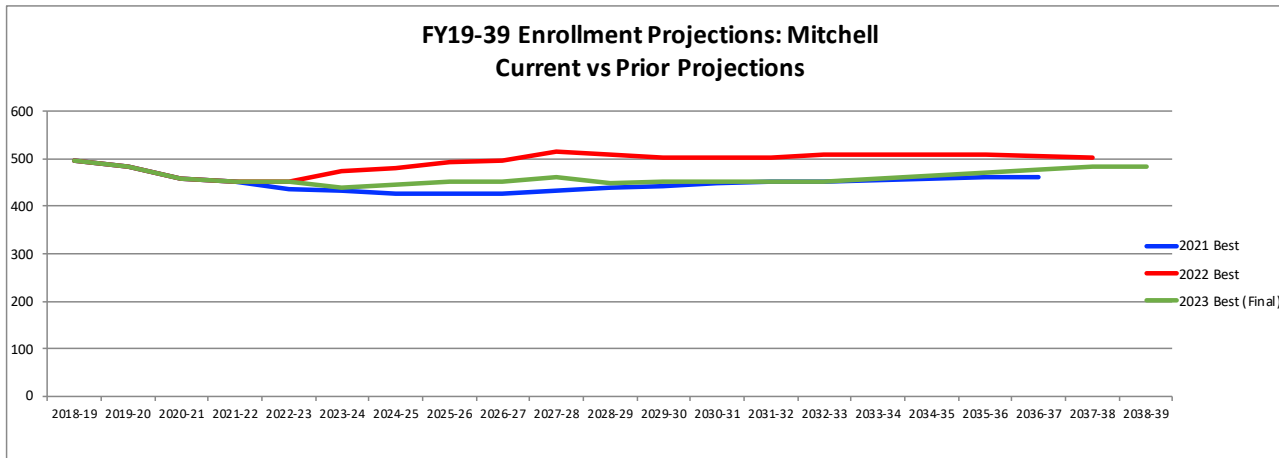
Attachment D: FY 18/19 – 38/39 Projected Sunita Williams Elementary Enrollment

WILLIAMS McKibben "Best" December 2023 Final																					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
K	76	83	59	76	88	78	81	82	83	84	82	83	83	84	84	85	85	86	87	87	86
1	86	80	84	89	79	90	82	83	84	85	86	84	85	85	86	86	87	87	88	89	89
2	90	92	78	86	99	87	93	85	86	87	88	89	87	88	88	89	89	90	90	91	92
3	88	93	90	79	89	102	90	95	87	88	89	90	91	89	90	90	91	92	93	93	94
4	76	92	89	90	84	88	105	92	97	89	90	91	92	93	91	93	93	95	96	97	97
5	87	78	88	86	90	86	90	106	93	98	91	92	93	94	95	93	95	96	98	99	100
Total: K-5	503	518	488	506	529	531	541	543	530	531	526	529	531	533	534	536	540	546	552	556	558
Total: K-5	503	518	488	506	529	531	541	543	530	531	526	529	531	533	534	536	540	546	552	556	558
Change	16	15	-30	18	23	2	10	2	-13	1	-5	3	2	2	1	2	4	6	6	4	2
% Change	3.3%	3.0%	-5.8%	3.7%	4.5%	0.4%	1.9%	0.4%	-2.4%	0.2%	-0.9%	0.6%	0.4%	0.4%	0.2%	0.4%	0.7%	1.1%	1.1%	0.7%	0.4%
2023 Best (Final)	503	518	488	506	529	531	541	543	530	531	526	529	531	533	534	536	540	546	552	556	558
2023 Best (Preliminary)	503	518	488	506	529	531	542	546	535	536	531	534	535	535	534	536	540	546	552	556	558
2022 Best	503	518	488	506	529	543	559	567	560	573	571	569	565	561	560	558	556	552	548	542	
2021 Best	503	518	488	506	514	510	516	515	511	515	518	517	516	514	511	509	504	499	495		
2020 Best - COVID	503	518	488	479	452	439	448	453	465	483	495	496	499	501	500	497	497	493			
2020 Best - NO COVID	503	518	488	518	516	515	525	523	530	523	515	508	503	501	500	497	497	495			



Attachment E: FY 18/19 – 38/39 Projected Mitchell Elementary Enrollment

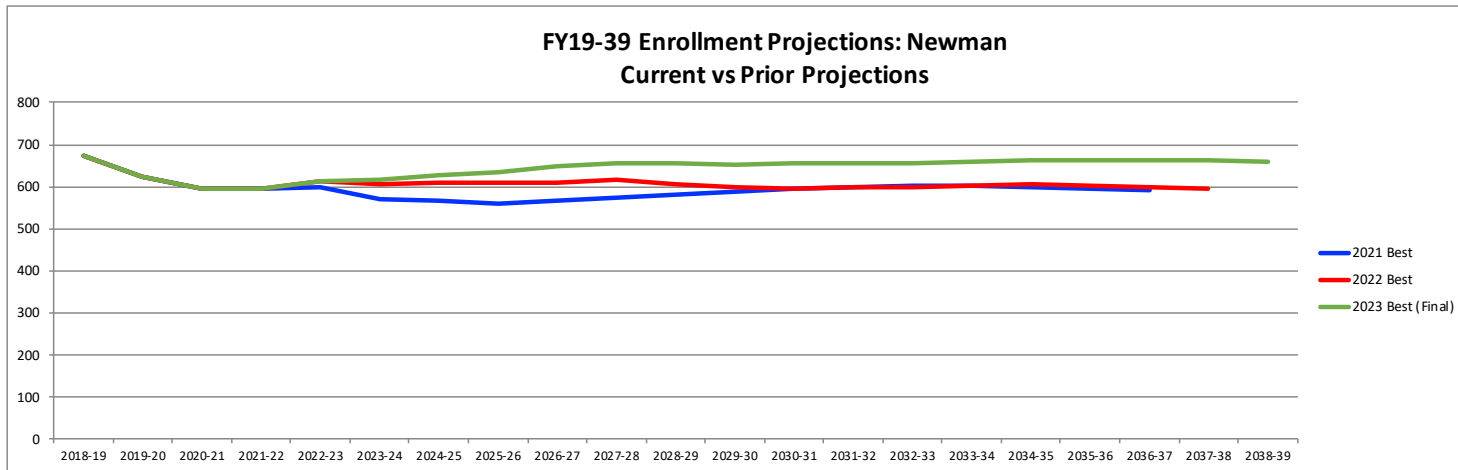
MITCHELL																					
McKibben "Best"																					
December 2023 Final	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
K	78	65	61	60	85	66	70	71	72	70	70	71	71	72	73	74	74	75	75	76	74
1	69	83	72	74	63	87	71	73	74	75	73	73	74	74	75	76	77	79	80	80	81
2	88	70	79	74	78	62	90	72	74	75	77	74	74	75	75	77	78	78	80	81	81
3	94	88	71	78	74	76	63	91	73	75	76	78	75	75	77	77	79	80	80	82	83
4	86	94	87	73	78	72	78	64	92	74	76	77	79	76	76	78	78	80	81	81	83
5	81	84	89	91	74	76	73	79	65	93	75	77	78	80	77	77	79	79	81	82	82
Total K-5	496	484	459	450	452	439	445	450	450	462	447	450	451	452	453	459	465	471	477	482	484
Total K-5	496	484	459	450	452	439	445	450	450	462	447	450	451	452	453	459	465	471	477	482	484
Change	-2	-12	-25	-9	2	-13	6	5	0	12	-15	3	1	1	1	6	6	6	6	5	2
% Change	-0.4%	-2.4%	-5.2%	-2.0%	0.4%	-2.9%	1.4%	1.1%	0.0%	2.7%	-3.2%	0.7%	0.2%	0.2%	0.2%	1.3%	1.3%	1.3%	1.3%	1.0%	0.4%
2023 Best (Final)	496	484	459	450	452	439	445	450	450	462	447	450	451	452	453	459	465	471	477	482	484
2023 Best (Preliminary)	496	484	459	450	452	439	448	455	455	468	453	456	454	452	453	459	465	471	477	482	484
2022 Best	496	484	459	450	452	472	481	492	496	514	507	503	502	503	507	508	509	508	506	502	
2021 Best	496	484	459	450	435	434	427	426	425	432	438	443	447	452	453	456	458	460	462		
2020 Best - COVID	496	484	458	437	414	412	409	415	421	429	432	428	427	425	421	419	416	412			
2020 Best - NO COVID	496	484	458	463	452	458	455	456	460	453	446	438	431	426	423	421	419	416			



Attachment F: FY 18/19 – 38/39 Projected Newman Elementary Enrollment

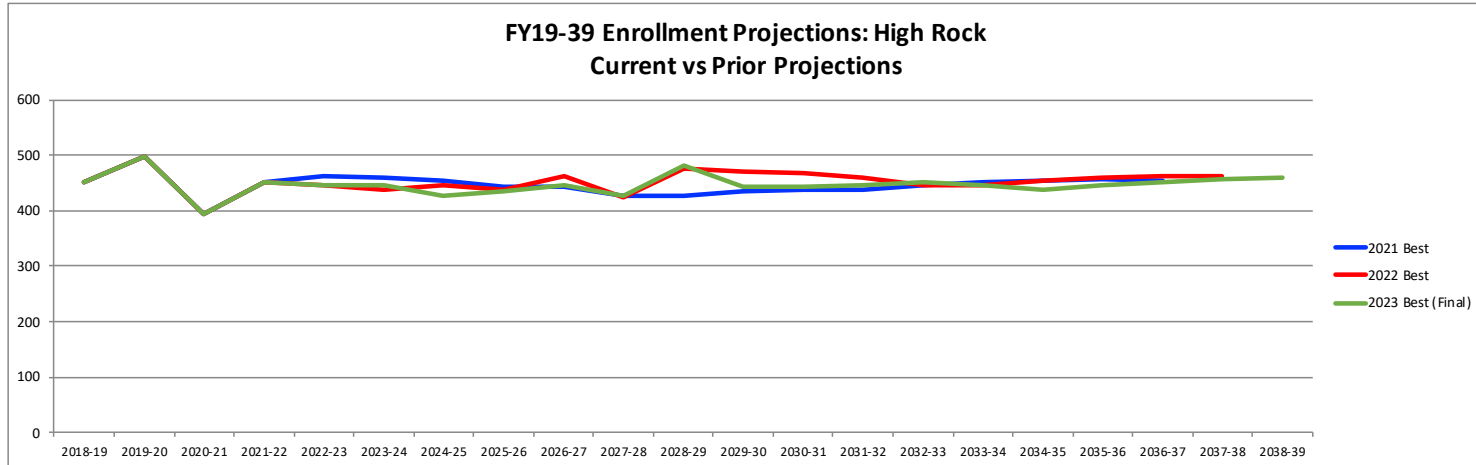
NEWMAN McKibben "Best" December 2023 Final																					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
K	101	101	78	84	101	98	101	102	103	101	102	102	103	103	104	104	105	105	104	103	102
1	122	104	105	93	92	111	107	105	106	107	105	106	106	107	107	108	108	109	109	108	107
2	102	120	99	102	100	100	114	110	108	109	109	107	108	108	109	109	110	109	110	110	109
3	114	97	118	101	103	99	101	115	111	110	111	111	109	110	110	111	111	112	111	112	112
4	96	107	95	121	100	103	100	102	116	113	112	113	113	111	112	112	113	113	114	113	114
5	139	95	101	93	118	107	105	101	103	117	115	114	115	115	113	114	114	115	115	116	115
Total K-5	674	624	596	594	614	618	628	635	647	657	654	653	654	654	655	658	661	663	663	662	659
Total K-5	674	624	596	594	614	618	628	635	647	657	654	653	654	654	655	658	661	663	663	662	659
Change	2	-50	-28	-2	20	4	10	7	12	10	-3	-1	1	0	1	3	3	2	0	-1	-3
% Change	0.3%	-7.4%	-4.5%	-0.3%	3.4%	0.7%	1.6%	1.1%	1.9%	1.5%	-0.5%	-0.2%	0.2%	0.0%	0.2%	0.5%	0.5%	0.3%	0.0%	-0.2%	-0.5%

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
2023 Best (Final)	674	624	596	594	614	618	628	635	647	657	654	653	654	654	655	658	661	663	663	662	659
2023 Best (Preliminary)	674	624	596	594	614	618	632	642	654	664	660	659	657	654	655	658	661	663	663	662	659
2022 Best	674	624	596	594	614	606	611	610	611	616	607	600	596	597	600	603	604	603	600	595	595
2021 Best	674	624	596	594	598	571	565	560	565	573	580	588	595	600	602	602	600	595	591	591	591
2020 Best - COVID	674	624	597	588	574	549	554	564	577	592	604	603	599	594	589	584	578	571	571	571	571
2020 Best - NO COVID	674	624	597	625	635	621	625	622	628	619	612	606	601	596	592	588	583	578	578	578	578



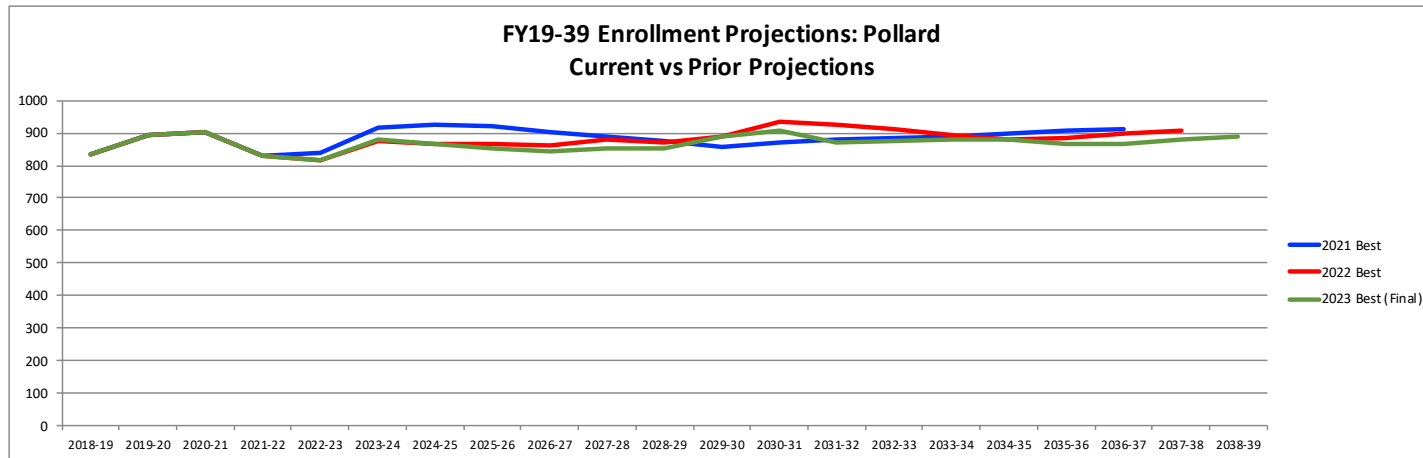
Attachment G: FY 18/19 – 38/39 Projected High Rock Middle School (Grade 6) Enrollment

HIGH ROCK McKibben "Best"																					
December 2023 Final	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
6	450	499	394	450	446	447	428	435	445	428	481	443	444	447	452	445	438	446	451	456	459
Total: 6	450	499	394	450	446	447	428	435	445	428	481	443	444	447	452	445	438	446	451	456	459
Change	0	49	-105	56	-4	1	-19	7	10	-17	53	-38	1	3	5	-7	-7	8	5	5	3
% Change	0.0%	10.9%	-21.0%	14.2%	-0.9%	0.2%	-4.3%	1.6%	2.3%	-3.8%	12.4%	-7.9%	0.2%	0.7%	1.1%	-1.5%	-1.6%	1.8%	1.1%	1.1%	0.7%
2023 Best (Final)	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
2023 Best (Final)	450	499	394	450	446	447	428	435	445	428	481	443	444	447	452	445	438	446	451	456	459
2023 Best (Preliminary)	450	499	394	450	446	447	426	433	444	428	482	443	452	457	455	445	438	446	451	456	459
2022 Best	450	499	394	450	446	438	446	438	461	424	476	471	467	459	447	446	453	460	461	463	
2021 Best	450	499	394	450	461	459	455	442	444	426	428	434	437	439	445	450	454	457	455		
2020 Best - COVID	450	499	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442			
2020 Best - NO COVID	450	499	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446			



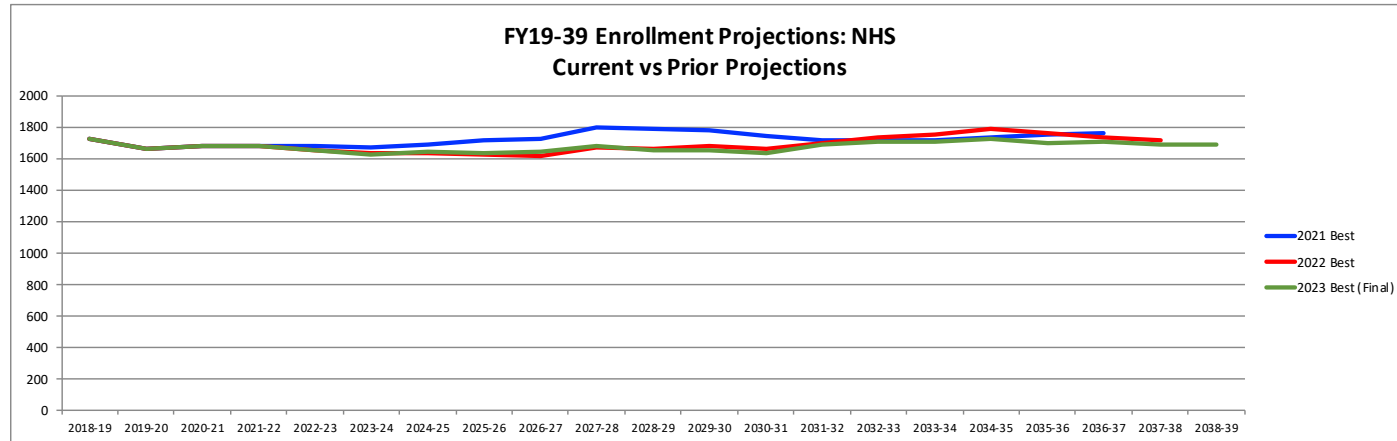
Attachment H: FY 18/19 – 38/39 Projected Pollard Middle School (Grades 7-8) Enrollment

POLLARD																					
McKibben "Best"																					
December 2023 Final																					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
7	440	460	462	383	443	437	440	422	428	438	422	476	439	440	443	447	441	434	442	446	451
8	392	432	441	445	375	443	428	431	414	415	429	414	466	430	431	434	438	432	425	433	437
Total: 7-8	832	892	903	828	818	880	868	853	842	853	851	890	905	870	874	881	879	866	867	879	888
Change	-22	60	11	-75	-10	62	-12	-15	-11	11	-2	39	15	-35	4	7	-2	-13	1	12	9
% Change	-2.6%	7.2%	1.2%	-8.3%	-1.2%	7.6%	-1.4%	-1.7%	-1.3%	1.3%	-0.2%	4.6%	1.7%	-3.9%	0.5%	0.8%	-0.2%	-1.5%	0.1%	1.4%	1.0%
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39
2023 Best (Final)	832	892	903	828	818	880	868	853	842	853	851	890	905	870	874	881	879	866	867	879	888
2023 Best (Preliminary)	832	892	903	828	818	880	872	857	843	856	855	896	911	882	896	899	887	870	871	884	894
2022 Best	832	892	903	828	818	876	867	867	863	881	869	888	934	925	913	893	880	886	900	908	
2021 Best	832	892	903	828	838	918	925	919	903	890	874	858	869	880	882	888	897	906	913		
2020 Best - COVID	832	892	901	842	824	852	835	832	796	774	760	763	818	858	875	895	901	894			
2020 Best - NO COVID	832	892	901	872	858	901	906	913	888	861	889	927	921	910	905	908	907	901			

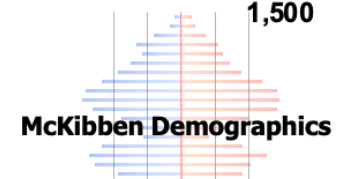
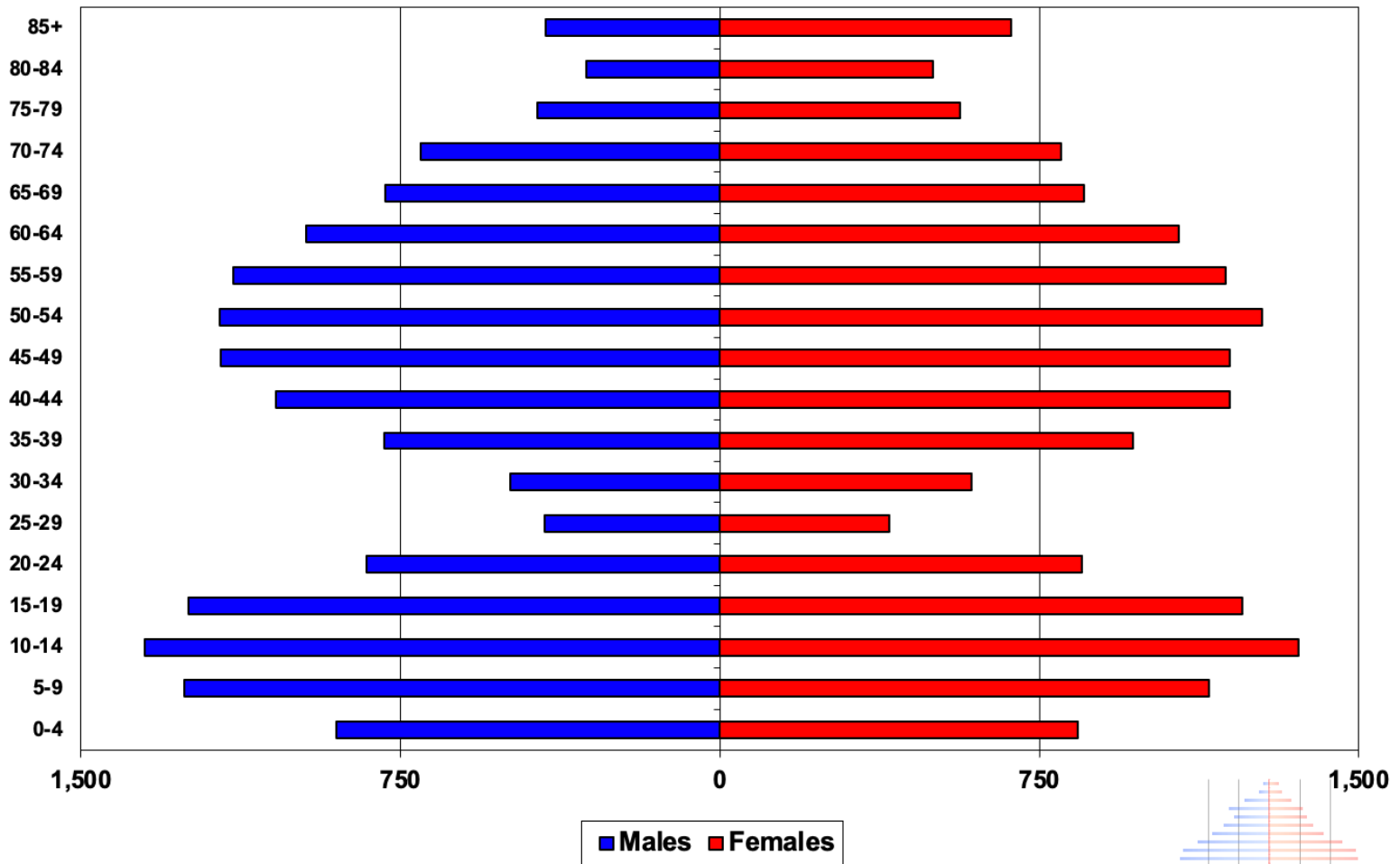


Attachment I: FY 18/19 – 38/39 Projected Needham High School Enrollment

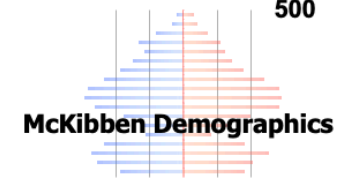
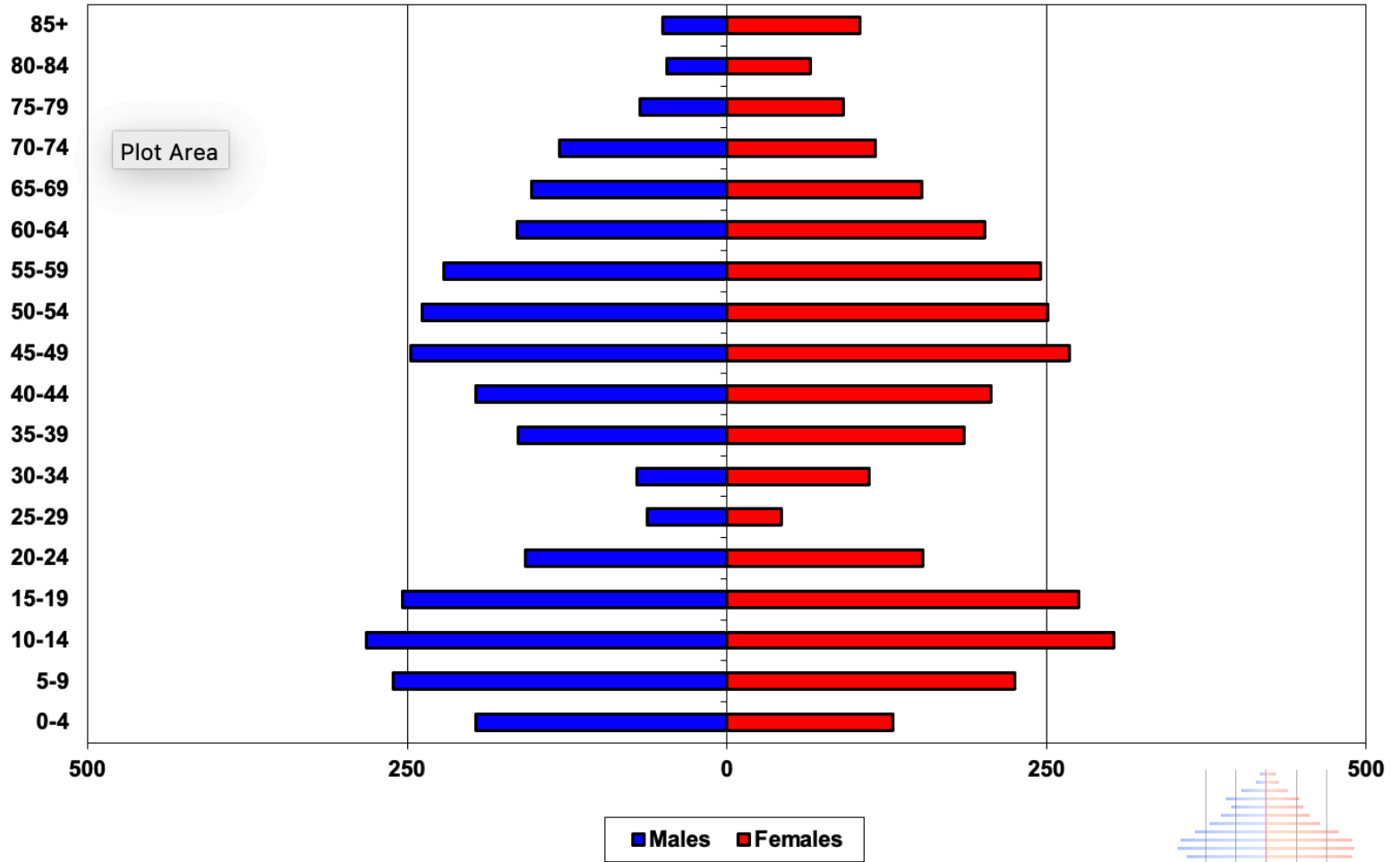
NHS																						
McKibben "Best"																						
December 2023 Final																						
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	
9		450	380	425	431	417	373	439	424	427	410	411	425	410	461	426	427	430	431	426	417	427
10		428	453	378	420	428	414	371	435	420	423	406	407	421	406	456	422	425	428	429	424	415
11		404	421	445	377	421	417	410	367	431	416	419	402	403	417	402	451	418	421	424	425	420
12		436	401	425	441	379	418	415	406	363	427	412	415	398	399	413	398	446	414	417	420	423
Post Grad		4	3	5	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total: 9-12		1722	1658	1678	1677	1653	1628	1641	1638	1647	1682	1654	1655	1638	1689	1703	1704	1725	1700	1702	1692	1691
Change		37	-64	20	-1	-24	-25	13	-3	9	35	-28	1	-17	51	14	1	21	-25	2	-10	-1
% Change		2.2%	-3.7%	1.2%	-0.1%	-1.4%	-1.5%	0.8%	-0.2%	0.5%	2.1%	-1.7%	0.1%	-1.0%	3.1%	0.8%	0.1%	1.2%	-1.4%	0.1%	-0.6%	-0.1%
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	
2023 Best (Final)	1722	1658	1678	1677	1653	1628	1641	1638	1647	1682	1654	1655	1638	1689	1703	1704	1725	1700	1702	1692	1691	
2023 Best (Preliminary)	1722	1658	1678	1677	1653	1628	1647	1643	1653	1686	1659	1662	1643	1698	1713	1722	1755	1734	1735	1716	1704	
2022 Best	1722	1658	1678	1677	1653	1636	1630	1620	1618	1670	1662	1676	1665	1701	1734	1747	1784	1758	1733	1719		
2021 Best	1722	1658	1678	1677	1679	1669	1691	1715	1720	1796	1787	1774	1744	1716	1717	1716	1733	1750	1761			
2020 Best - COVID	1722	1658	1674	1675	1669	1666	1679	1660	1639	1675	1628	1601	1549	1534	1579	1628	1703	1766				
2020 Best - NO COVID	1722	1658	1673	1689	1706	1726	1757	1753	1751	1803	1790	1766	1770	1787	1812	1846	1837	1831				



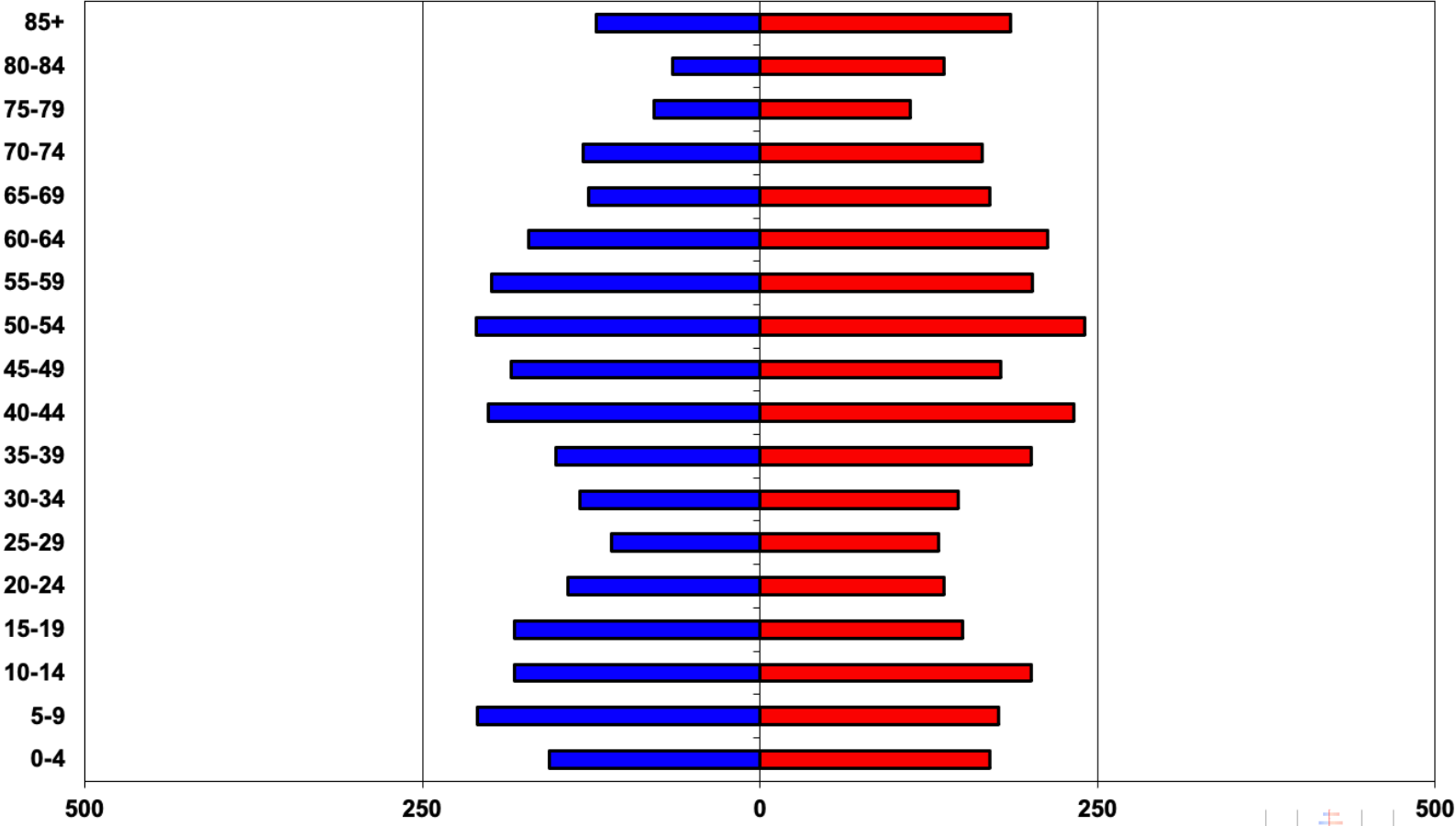
Needham, MA Total Population – 2020 Census



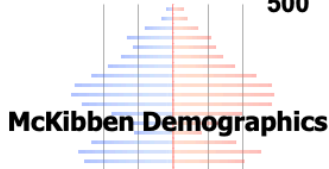
Broadmeadow Elementary School – 2020 Census



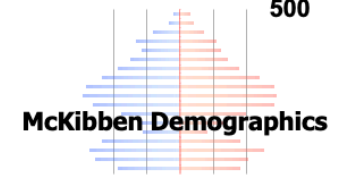
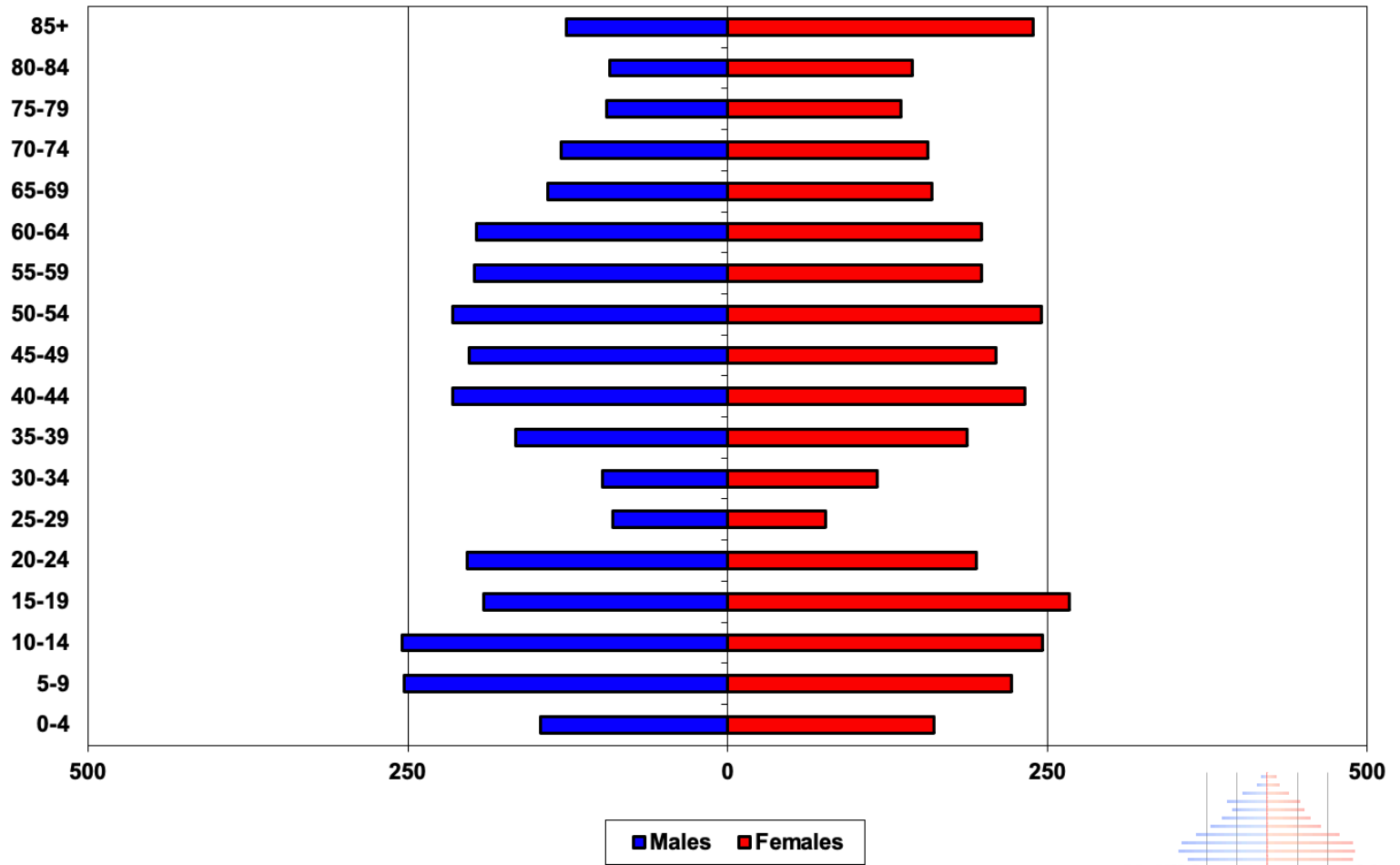
Eliot Elementary School – 2020 Census



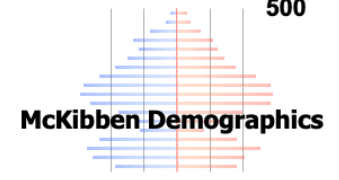
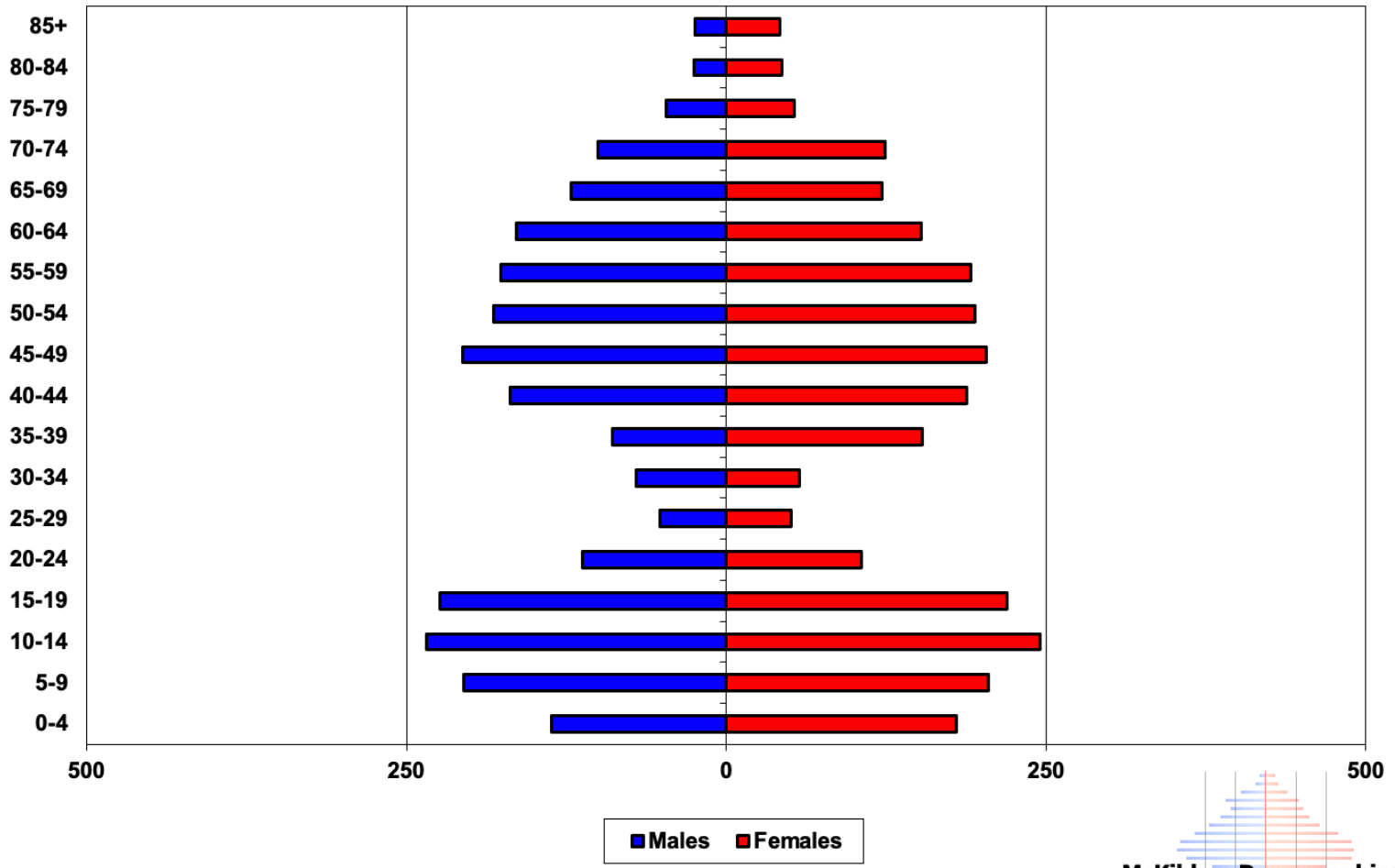
■ Males ■ Females



Sunita Williams Elementary School – 2020 Census



Mitchell Elementary School – 2020 Census



Newman Elementary School – 2020 Census

