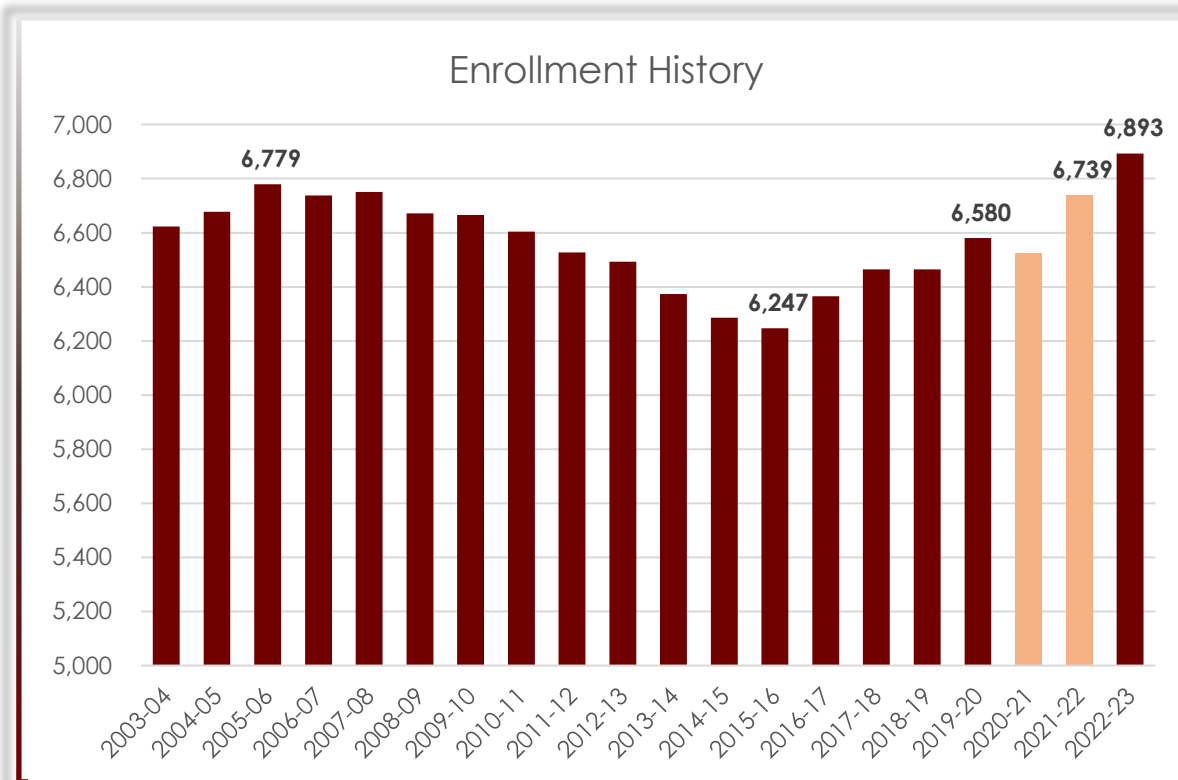


# Enrollment Projections

# Enrollment growth since 2015



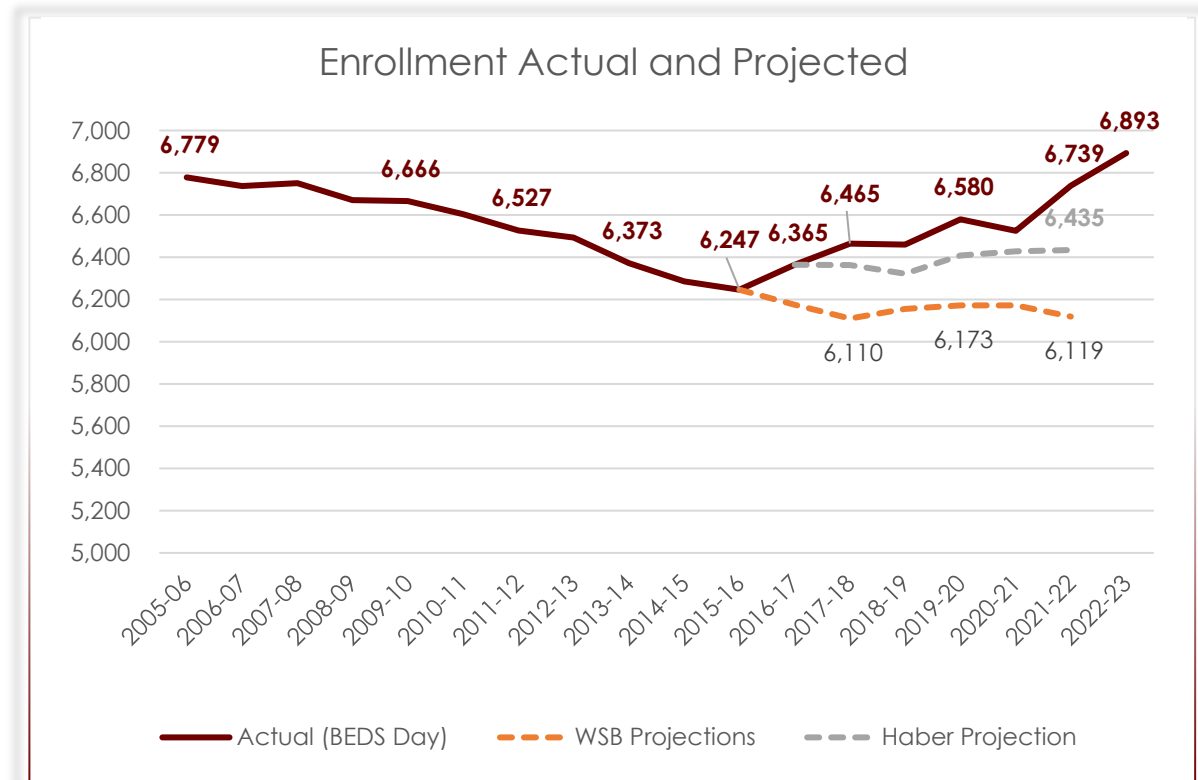
- A 10-year decline in enrollment reversed in 2015-16
- Enrollment dropped during the first pandemic year
  - But it surged during the second summer (2021)
  - During the 2021-22 year, an additional 161 students came (and 45 exited), so the school year ended with 6,855 students.

Enrollment is dynamic, so these numbers are as reported to NYSED on "BEDS Day" in October.

- This is the 4<sup>th</sup> enrollment study commissioned by the District since 2015.
- Previous studies underestimated future enrollment growth.
- Syosset enrollment is particularly sensitive to new residents, especially in Kindergarten.

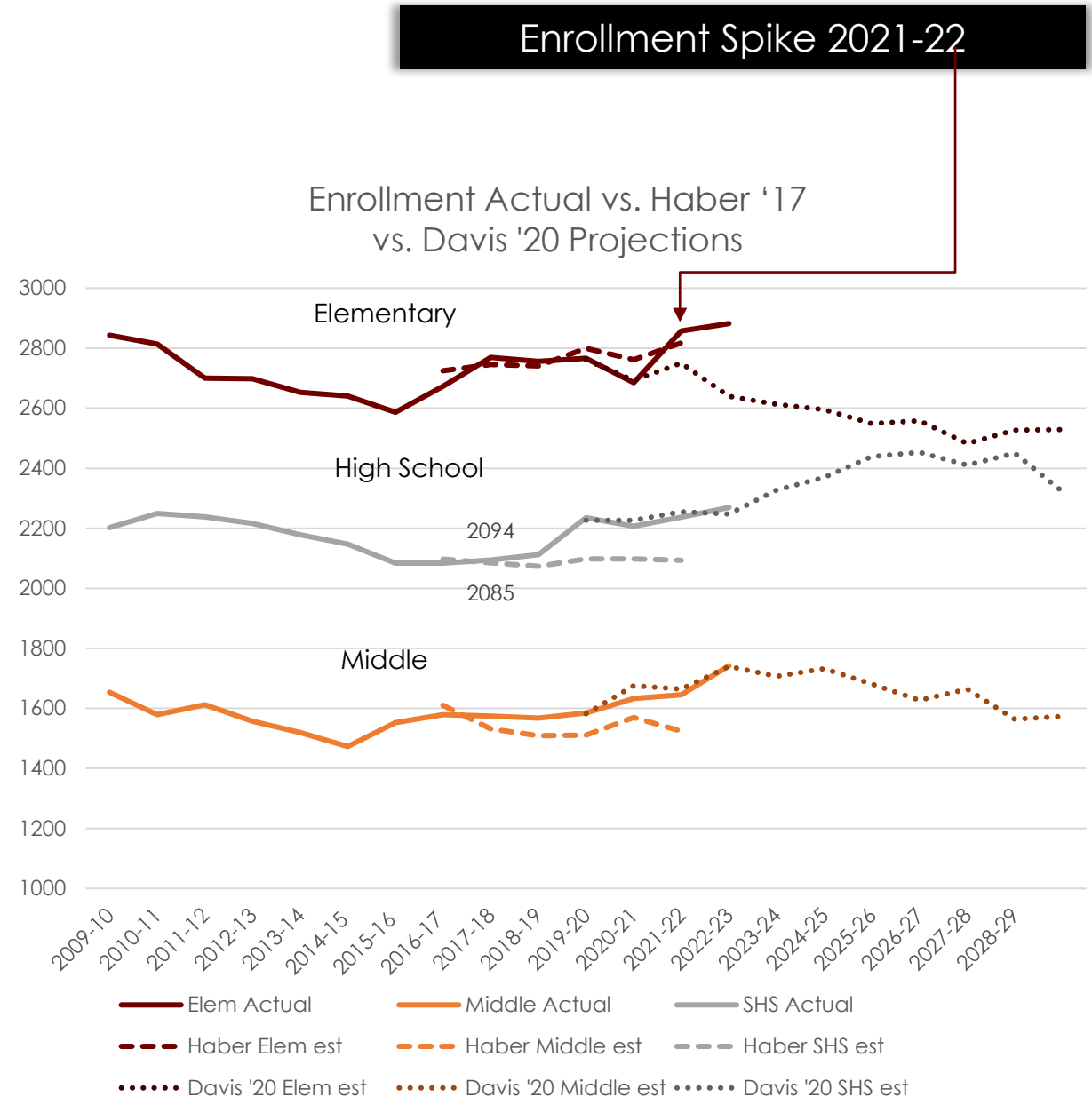
# Enrollment Projections are Challenging

The District lacked confidence in the previous studies and thus commissioned additional studies.

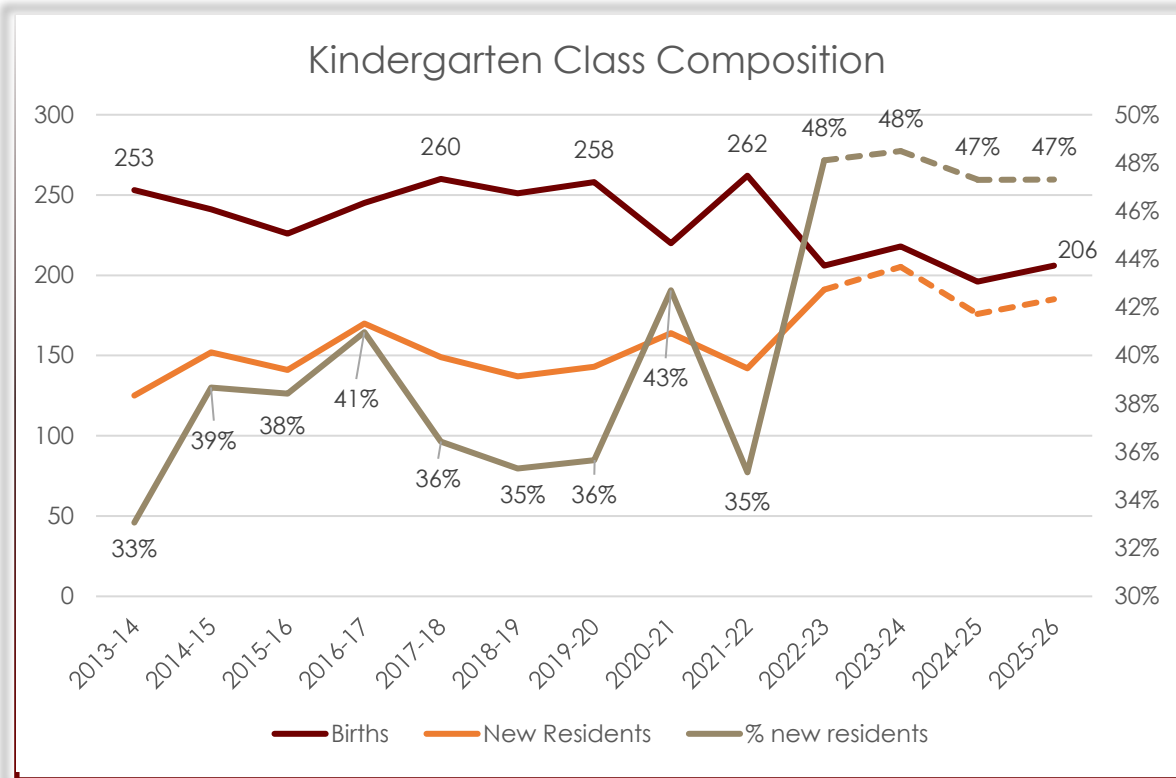


# Davis Demographics 2020 Study

- The Davis Demographics study from 2020 was remarkably accurate through 2022-23 at all levels except elementary schools.
  - The spike in elementary enrollment during the 2<sup>nd</sup> year of the pandemic was impossible to predict.
- However, as students age, the impact of that spike will drive enrollment projections for the foreseeable future.



# Projecting Kindergarten Enrollment



- Live births in Syosset have been declining from about 260/year to about 200/yr.
  - Births county-wide are down 3% over the past 6 years.
- We experienced a sudden increase in new resident Kindergarteners during 2022-23.
- New residents have typically made up about 38% of the Kindergarten class.
  - Davis Demographics' methodology assumes that new residents will now make up 47-48% of the Kindergarten class.
  - This would project Kindergarten enrollments remain around 400 students despite the slowing birth rate.

Davis Demographics' methodology continues current year Kindergarten data into the future. This turns what may just be an anomaly into a trend.

# Projecting Kindergarten Enrollment

- Syosset and Jericho have had unusually high numbers of new residents in their Kindergarten classes.
  - Comparisons to other districts are shown for context.
- In Syosset, it is typically 38%.
  - For 2022-23, it was unusually high – 48%.

	Births 2006	K 2011	Ratio	Births 2009	K 2014	Ratio	Births 2010	K 2015	Ratio	Average
<i>Jericho</i>	102	179	1.75	92	150	1.63	96	160	1.67	<i>1.68</i>
<i>Syosset</i>	221	358	1.62	241	393	1.63	226	367	1.62	<i>1.62</i>
<i>North Shore</i>	133	168	1.26	131	169	1.29	124	186	1.5	1.35
<i>Plainview-Old Bethpage</i>	287	330	1.15	283	361	1.28	210	293	1.4	1.28
<i>Massapequa</i>	447	518	1.16	431	477	1.11	450	504	1.12	1.13
<i>Plainedge</i>	191	232	1.21	231	244	1.06	191	190	0.99	1.09
<i>Bethpage</i>	207	207	1	182	197	1.08	194	206	1.06	1.05
<i>Locust Valley</i>	149	141	0.95	156	156	1	132	160	1.21	1.05
<i>Seaford</i>	184	162	0.88	168	174	1.04	145	149	1.03	0.98
<i>Farmingdale</i>	443	401	0.91	414	393	0.95	446	403	0.9	0.92
<i>Hicksville</i>	395	363	0.92	443	364	0.82	397	360	0.91	0.88
<i>Amityville</i>	364	231	0.63	348	247	0.71	362	234	0.65	0.66
<b>Totals</b>	<b>260</b>	<b>274</b>	<b>1.12</b>	<b>260</b>	<b>277</b>	<b>1.13</b>	<b>248</b>	<b>268</b>	<b>1.17</b>	<b>1.14</b>
<b>Avg. w/o Jer. &amp; Syo.</b>	<b>2800</b>	<b>2753</b>	<b>0.98</b>	<b>2787</b>	<b>2782</b>	<b>1.00</b>	<b>2651</b>	<b>2685</b>	<b>1.01</b>	<b>1.00</b>

Source: Haber 2017

[https://www.syossetschools.org/site/handlers/filedownload.ashx?moduleinstanceid=715&dataid=3491&FileName=Enrollment\\_Report-June%2017%20.pdf](https://www.syossetschools.org/site/handlers/filedownload.ashx?moduleinstanceid=715&dataid=3491&FileName=Enrollment_Report-June%2017%20.pdf)

Davis makes a very aggressive assumption to presume this unusual year will continue.

# Enrollment Projections

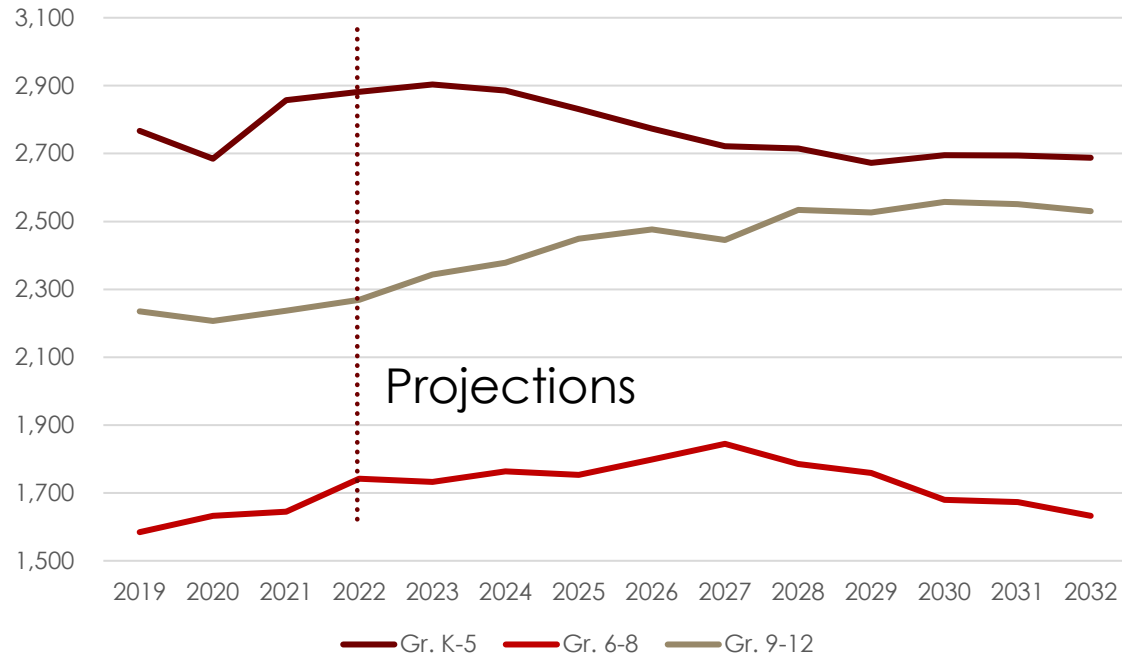
- Each cohort (i.e. graduating class) grows a little every year.
  - They grow about 4-5% annually in elementary and middle schools; and more slowly – about 1.7% – in high school.
- Over time, the elementary projections are based more and more on Kindergarten projections (yellow and orange cells).
- The middle and high school projections are based on actual classes and therefore are typically more stable.
- Overall enrollment is projected to level off just over 7,000 students and then decline.

Enrollment Projections

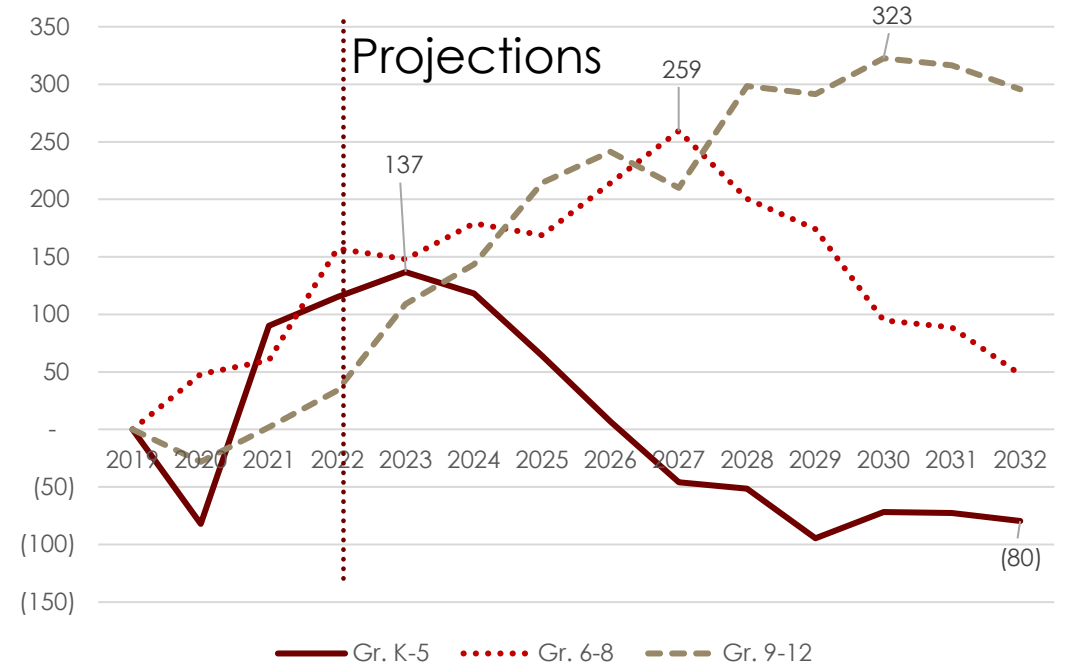
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
K	403	384	404	397	423	372	391	395	386	391	391	389	390	390
1	414	429	462	456	424	452	397	417	422	412	417	417	415	416
2	434	427	466	491	479	443	473	416	437	442	432	437	437	435
3	507	461	469	514	515	502	464	496	436	458	463	452	458	458
4	470	512	495	497	548	551	536	495	530	465	489	494	483	489
5	539	472	561	527	514	566	569	554	511	547	481	505	511	499
6	526	545	517	606	559	545	600	603	587	541	579	509	535	541
7	556	531	577	538	632	582	568	624	628	612	563	604	530	558
8	503	557	551	598	542	638	586	572	629	633	617	567	608	534
9	549	507	578	575	619	560	659	605	590	648	653	636	583	627
10	585	549	519	592	581	624	565	663	610	594	653	657	640	588
11	562	589	551	536	596	585	628	568	666	613	597	656	660	644
12	539	562	589	566	548	609	597	640	579	679	624	608	668	672
Tot	6587	6525	6739	6893	6981	7028	7034	7049	7011	7034	6958	6933	6919	6851

# Enrollment by Level

Enrollment Projections by Level



Change in Enrollment vs. '19-20

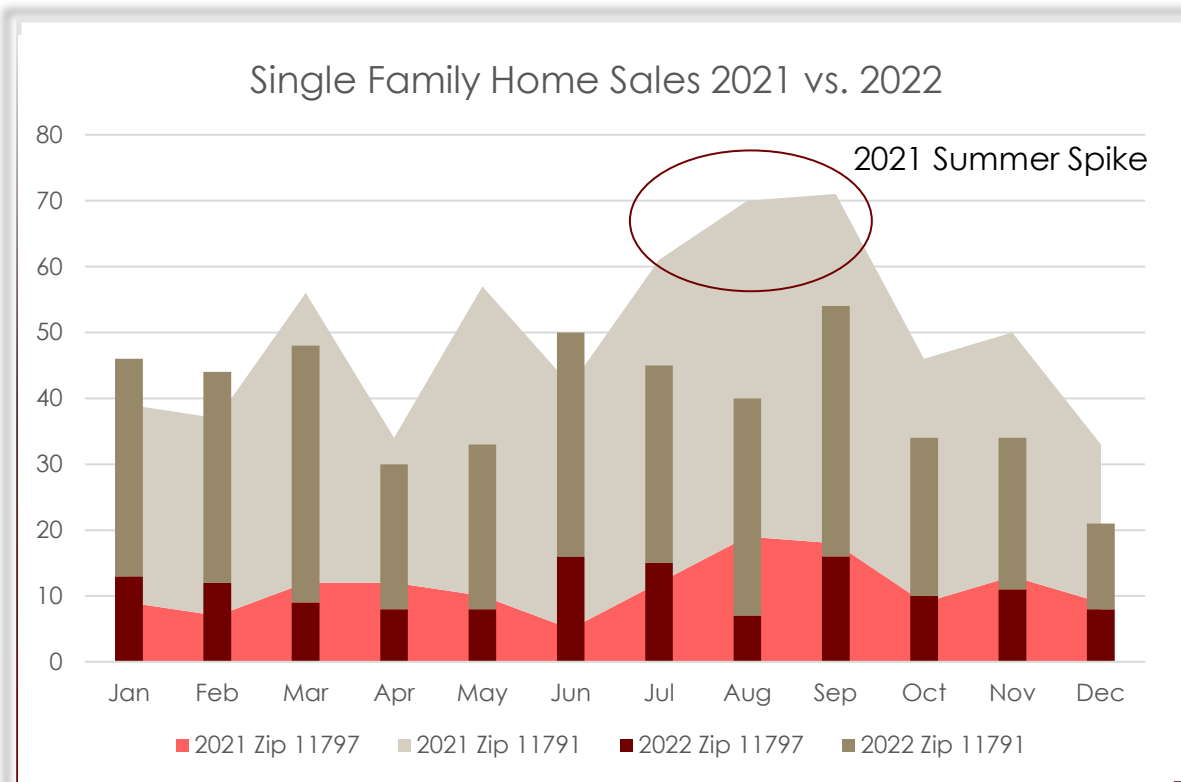




# Major Enrollment Study Findings

- The elementary school bubble will peak in 2023-24 at about 5% above 2019-20 levels.
  - This bubble will then move through the middle schools and peak in 2027-28 at about 16% above 2019-20 levels.
    - Most of the anticipated middle school growth will occur at South Woods.
  - The bubble will move to the high school and peak in 2030-31 at 14% above 2019-20 levels.
- 2 elementary schools have recently been growing faster than others.
    - Berry Hill is projected to grow another 20 students at its peak in 2 years.
    - Walt Whitman is near its peak and will remain there for at least 2 years.
  - 3 schools (Baylis, Robbins Lane, South Grove) are projected to remain stable.
  - 2 schools (Village and Willits) have been losing enrollment and are projected to continue.

# Study Limitations



Source: <https://www.melissa.com/v2/lookups/newhomeowner/?zipcode=11797&pubyearmonth=>

- New residents have historically had a large impact on enrollment in Syosset.
  - Especially in Kindergarten.
- The enrollment spike we experienced in 2021 appears to coincide with a housing market spike.
- Local single family home sales are lower year-over-year in every month since July 2022.
- The housing market may be a predictor of future trends.
  - A slowing housing market might mean more moderate enrollment growth projections.

Davis Demographics' methodology trends current year data forward. Thus, the projection for new residents may prove too aggressive.