

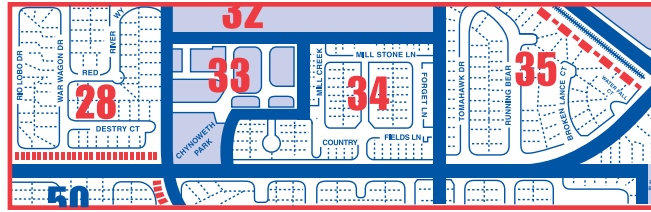
ENROLLMENT PROJECTION CONSULTANTS

Providing School Districts with Accurate Enrollment Forecasts by Location

Area 32
Older Mobile Home Park
450 units, 90 K-8 students, 0.20 SGR

Area 28
Recent Upper-Income Det. Homes
218 units, 85 K-8 students, 0.39 SGR

Area 33
Recent Upscale Townhouses
82 units, 9 K-8 students, 0.11 SGR



Area 34
Recent Middle-Income Det. Homes
94 units, 33 K-8 students, 0.35 SGR

Area 35
Older Middle-income Det. Homes
89 units, 57 K-8 students, 0.64 SGR

Elementary and Middle School
Attendance Boundaries

Superintendent and Board of Trustees
Fremont Union High School District
589 West Fremont Avenue
Sunnyvale, CA 94087

November 28, 2023

Dear Superintendent and Board Members:

This is the concluding documentation to the latest enrollment forecast update. We begin with the summary below and then provide some background information. Subsequent sections follow the order of the tables, starting with the updated projections in Tables 1 and 2 and then the underlying factors to those numbers in Tables 3 to 8. The appendices provide more detail for those who want to delve further into the data.

Summary of Key Findings and Projections

Enrollment in the Fremont Union High School District (henceforth “FUHSD” or “district”) will significantly decline in the next five years. The classes now in the tenth through twelfth grades have an average of 327 more students than the average in the fourth through eighth grades in the two underlying elementary districts. Graduating those larger amounts out of twelfth grade in the next three years, along with falling student numbers as the other classes graduate upward, will result in a notable FUHSD enrollment reduction. Continued differences between larger graduating twelfth grade classes and smaller incoming ninth grade totals will lower the enrollment even further in subsequent years.

The forecast is for cumulative FUHSD total enrollment reductions by 379 for next year (i.e., to October 2024), 726 students in two years, over 1,000 in three years and more than 1,500 in five years, with an ongoing major decline likely beyond 2028. The projected 2028 total has fewer than 8,000 students, compared to the “current” (October 12, 2023) figure of 9,555.¹

These declines will not be evenly balanced between the five high school attendance areas, but there will be significant reductions for each. The “resident” student changes forecast in just the next two years are between a small decline by 55 for Monta Vista High and the loss of 237 for Homestead High.² The projected resident Fremont, Cupertino and Lynbrook High totals are down by between 101 to 182 students to 2025. And while not the largest reductions, the resultant resident totals forecast for Lynbrook and Monta Vista are to have only around 1,300 and 1,600 students, respectively, in 2025. Further declines in the following three years could have Lynbrook with fewer than 1,100 resident students, with Monta Vista’s total being below 1,500 and Cupertino’s being around 1,600. If Cupertino High continues to lose nearly 200 net students in enrollment to the other FUHSD schools, then that school’s 2028 enrollment could be in the low 1,400s.

¹ Whenever just a year is stated, such as 2028, the reference is for, or in the year or years to, October 1 of that year. These FUHSD figures cover all students in the ninth through twelfth grades that are maintained in the district’s electronic records, including “SDC” (Special Education) and “NPS” (Non-Public-School special needs) students.

² “Resident” throughout this report means physical resident, not legal resident, and refers to the total number of district-enrolled students in the relevant grades in each attendance area (their “home school”), regardless of the schools being attended.

Background Information

We have been providing neighborhood-specific forecast studies for the FUHSD since 2005. My firm specializes in these in-depth studies, where each key component of the recent trends is determined, analyzed, compared to the knowledge gained from our experience in over 400 previous studies, and then projected. To do this, we drove literally every public street in our first study of the FUHSD region to learn the community and divide it into suitable planning areas. Each of those areas represents a single dominant housing type wherever feasible, including by subjective price levels and average home and parcel sizes. We have found that even subtle differences in residential type and value can generate divergent student trends in some districts.

Despite declining by 367 students this year, the current FUHSD enrollment and that for virtually all of our client districts in Silicon Valley is higher than we had projected from a year ago. It is evident that many students have come back to local public schools after the ending of pandemic-related issues, including high COVID-catching concerns, mask wearing and remote learning. We did not foresee this year's returning of students in significant numbers, but most of those who would come back to local public schools probably did so this year; this thus is unlikely to be repeated to a meaningful degree in the future.

Also factoring into this year's smaller-than-forecast FUHSD enrollment decline is the closure in June 2023 of the Summit Denali secondary schools. Many of those students shifted to public schools this year. This contributed to the Sunnyvale district's enrollment rise in 2023. Such a gain from closing schools, for which the Summit Denali closure announcement occurred after our last forecast was completed, is unlikely to be repeated in the future.

District-Wide Projected Enrollments

The total projected FUHSD enrollment declines significantly in each of the next five years. The reduction forecast for next year (i.e., in the twelve months to October 1, 2024) is by 379 students, as is shown in the far right column of the bold box in Table 1 on page 3. The main reasons for such a large expected decline are (1) a small class now in eighth grade in the Sunnyvale and Cupertino Union elementary "feeder" districts to the FUHSD and (2) the pending graduation of a large current FUHSD twelfth grade class. The latter is the last FUHSD class of more than 2,500 students, at 2,546, while the class now in eighth, for next year's ninth graders, has just 2,202 students.

The student distribution through the relevant grades, and how those class totals should evolve, is a key forecast factor for all subsequent years as well. While the pandemic is a major factor in the FUHSD's enrollment decline since 2019, after having been relatively stable in prior years, enrollments in kindergarten through third grade (K-3) in the Sunnyvale (SSD) and Cupertino Union (CUSD) districts were in significant decline from well before 2020. The CUSD's K-3 total fell by over 1,000 students from 2011 to 2017 and then by another 450 from 2017 to 2019. The SSD's K-3 total dropped 360 students from 2011 to 2017 before stabilizing at that lower level from 2017 to 2019. Those lower K-3 totals in 2017 have since graduated upward through the other grades in these districts and would have resulted in much lower fourth-through-eighth-grade totals even without the pandemic occurring.

The big shift of consequence to recent and pending FUHSD totals occurred since 2016. As is shown in Table 1, totals in each of the fourth through eighth grades were above 2,800 in the combined SSD and CUSD in 2016, which is when that larger K-3 total in 2011 was in grades 5-8. The FUHSD grade totals in 2016 were between 2,602 and 2,775. By 2019 those highest single-grade amounts from 2016 had all graduated into the FUHSD and there was a net 131-student rise for your district. During that same three-year period, however, the K-3 total had fallen by another 600 and each of the totals in grades 4-8 had dropped below 2,600. The decline from 2016 to 2019 in the latter grades was by nearly 1,400 students. Those much lower amounts in 2019 in grades 5-8 are now in the FUHSD grades, which, when combined with the pandemic's impacts, resulted in an FUHSD enrollment decline by over 1,400 students. And the elementary districts had an even greater decline since 2019, with a loss of over 2,000 students in grades 4-8. Those much lower totals are what will graduate into the FUHSD in the next five years. And the K-3 total that fell by over 2,100 students since 2019 has the students who will graduate into the FUHSD starting in 2029, which is why we are confident the FUHSD enrollment will further decline after 2028.

Table 1: Actual and Projected Total October Enrollments, 2016 to 2028

(grade colors: green = 2,600+, brown = 2,500s, orange = 2,400s, yellow = 2,200-2,399, pink = 2,000-2,199, red < 2,000)
(note that large reductions occurred in all years except for this year as classes graduated from 5th to 6th)

Early Oct. of	Actual and Projected Enrollments in SSD and CUSD						Actual and Projected FUHSD Enrollments					
	Total in K-3	by Grade					Total in 4-8	by Grade				Total in 9-12
		4	5	6	7	8		9	10	11	12	
2016*	10,580	2,804	2,806	2,859	2,827	2,840	14,136	2,775	2,715	2,755	2,602	10,847
2017*	10,418	2,786	2,712	2,710	2,787	2,757	13,752	2,888	2,725	2,691	2,738	11,042
2018*	10,326	2,511	2,765	2,594	2,651	2,736	13,257	2,737	2,848	2,679	2,680	10,944
2019*	9,978	2,573	2,422	2,589	2,573	2,596	12,753	2,744	2,739	2,821	2,674	10,978
Net Actual Change, October 2016 to October 2019							-1,383	-31	24	66	72	131
2020*	9,143	2,459	2,436	2,218	2,476	2,507	12,096	2,550	2,683	2,678	2,802	10,713
2021*	8,213	2,210	2,278	2,172	2,066	2,331	11,057	2,420	2,489	2,620	2,676	10,205
2022*	7,843	2,127	2,142	2,134	2,140	2,052	10,595	2,327	2,430	2,501	2,664	9,922
2023*	7,810	2,094	2,093	2,132	2,156	2,202	10,677	2,168	2,383	2,458	2,546	9,555
Net Actual Change, October 2019 to October 2023							-2,076	-576	-356	-363	-128	-1,423
Average Net Per-Grade Change Since October 2016							-494					-185
2024	7,582	2,004	2,032	1,988	2,090	2,121	10,235	2,200	2,152	2,362	2,462	9,176
2025	7,462	1,961	1,954	1,925	1,960	2,057	9,857	2,131	2,187	2,141	2,370	8,829
2026	7,423	1,862	1,915	1,854	1,894	1,934	9,459	2,064	2,118	2,174	2,150	8,506
2027	7,392	1,852	1,819	1,822	1,828	1,866	9,187	1,947	2,049	2,109	2,183	8,288
2028	7,433	1,817	1,820	1,735	1,802	1,812	8,986	1,876	1,943	2,046	2,125	7,990
Total Projected Change in One Year to October 2024							-442					-379
Total Projected Change in Two Years to October 2025							-820					-726
Total Projected Change in Three Years to October 2026							-1,218					-1,049
Total Projected Change in Four Years to October 2027							-1,490					-1,267
Total Projected Change in Five Years to October 2028							-1,691					-1,565
Real Potential Lower FUHSD Total in 2024 (essentially -1.25%)												
												9,050
Real Potential Higher FUHSD Total in 2024 (essentially +1.25%)												
												9,300
Real Potential Lower FUHSD Total in 2028 (essentially -5%)												
												7,600
Real Potential Higher FUHSD Total in 2028 (essentially +5%)												
												8,400
Projected FUHSD students in new housing added Oct. 2023 to Oct. 2028								50	47	45	45	187

* These are actual enrollments in student files provided by the relevant districts, including all TK-12 SDC (special education) students and NPS (non public school) students in the FUHSD. SSD and CUSD NPS students are excluded.

Notes: (1) There is an unusually wide potential range of deviation that increases over time from any forecast numbers due to uncertainty about ongoing impacts of the pandemic. (2) The "real potential" ranges cover essentially 80% probabilities; there are still approximately 10% possibilities for each of even lower and higher numbers than totals within these ranges.

This focusing on by-grade totals is an over-simplification of all of the underlying trend findings and expectations by housing type and value levels, but it does provide a quick explanation for why the projected decline is so severe.

The result of all of our data findings is that, compared to the current figure, the FUHSD enrollment is forecast to fall by 379 students next year, 726 in two years, 1,049 in three years and over 1,500 students in five years. That five-year difference puts the projected 2028 enrollment at just under 8,000 students, for an average of only around 1,600 students at the five high schools.

Projected Resident Student Populations by Attendance Areas

This forecast is again based on analyses of where the students live (the resident population) rather than the schools they happen to attend (the attending enrollment). Resident populations differ from enrollments mainly because of (1) known intra-district enrollment (across FUHSD attendance areas) and (2) known incoming inter-district enrollment (from addresses that are outside the FUHSD). By coding all of the student addresses to planning areas that represent various housing types and locations, we have been able to identify and evaluate how the student population is evolving in each situation. We flip back-and-forth between these "resident" and "enrollment" amounts in the text below and it is important to remember the distinction between these two types.

Understanding the Data in Table 2

Table 2 on page 5 contains two sets of data. The figures on the left (under "*Actual Resident Students and Enrollment part*") show both (1) the amounts by which the resident school totals changed in the last year and (2) how the current enrollment at each school differs from the resident population. The Fremont region, for example, has 2,160 FUHSD-enrolled students, which is four more than a year ago. That school's enrollment, however, is 2,142, which is 18 below the resident total. This net difference is shown by the "-18" in the top row of the "Attending Adjust" column in the table. The second set of data, on the right side of Table 2 (under "*Projected Resident Students part*"), has the projected resident amounts. These are not projected enrollments. They do indicate, however, the extent to which the current areas might continue to be suitable without any revisions. In Lynbrook's case, the projected resident total falls by a cumulative 328 to 2028, as is shown in a column on the right side of the table. The resultant Lynbrook total is just 1,055 resident students.

Key Findings in the Five High School Attendance Areas

To repeat from our last report: The options that the FUHSD added a few years ago for (1) some students in the Cupertino High region and (2) all non-inter-district students graduating from Miller Middle School to enroll in Lynbrook High appear to be having the desired result.³ While Lynbrook High only has 1,383 current resident FUHSD students, that school's enrollment is receiving a net of 320 students from outside of its attendance area.

Continuing to have this many added students will be insufficient to keep Lynbrook's enrollment above the historical minimum goal of 1,700. Having Lynbrook take even the current number of students from the Cupertino area, let alone a larger amount, through 2028 could result in Cupertino also having too few enrolled students. With Cupertino projected to have 389 fewer resident students, these two attendance areas combined could have only 2,655 students in 2028. That is an average of less than 1,400 students each.

Already below that 1,700 minimum, and forecast to go even lower for both the resident total and what the total enrollment could be with the current net attending adjustment, is Monta Vista High. That attendance area is forecast to lose 204 students over the next five years, to a total of 1,452.

³ The CUSD's Miller Middle School has the same attendance area as Lynbrook High, but enrolls some students from elsewhere in the CUSD mainly due to special programs at Miller such as the "CLIP" dual language program.

Table 2: Actual Resident and Attendance Figures and Projected Resident Students by Attendance Area

School or Location	Actual Resident Students and Enrollment part				Projected Resident Students part					
	Actual Res. Diff. from Oct. 2022*	Actual October 2023*			Projected Resident Students (including SDC and NPS) in Oct. of			Projected Resident Student Population Change to October of		
		Resident Students	Attending Adjust**	Attending Enrollment	2024	2025	2028	2024	2025	2028
Fremont	4	2,160	-18	2,142	2,017	1,984	2,005	-143	-176	-155
Homestead	-67	2,236	21	2,257	2,120	1,999	1,699	-116	-237	-537
Monta Vista	-129	1,656	-30	1,626	1,637	1,601	1,452	-19	-55	-204
Cupertino	-160	1,989	-192	1,797	1,902	1,807	1,600	-87	-182	-389
Lynbrook	-8	1,383	320	1,703	1,352	1,282	1,055	-31	-101	-328
Community	NA	NA	7	7	NA	NA	NA			
NPS	NA	NA	23	23	NA	NA	NA			
All FUHSD	-360	9,424	131	9,555	9,028	8,673	7,811	-396	-751	-1,613
Other Locations***	-7	131	-131	NA	148	156	178	17	25	47

* Actual student counts for grades 9-12, including SDC and NPS, are based on student records provided to EPC by FUHSD.

** Net attending adjustments include (1) intra-district attendance, (2) incoming inter-district enrollment and (3) students listed at unlocatable home addresses.

*** These are students with addresses outside the FUHSD region and a few students at addresses that could not be located. This projected total increases due to larger numbers per grade in the elementary districts.

Notes: (1) Students enrolled in any special programs are included in the above attendance numbers for the five regular high schools. (2) Appendix A provides actual October 2023 resident and attending amounts by grade. (3) Projection numbers include fractional amounts, so figures shown here may not sum exactly to the totals in other tables.

The Homestead and Fremont regions, despite also having large projected student losses to 2028, nonetheless may be able to maintain resident and enrollment totals close to or above 1,700. Homestead's projected resident count declines by 537 (the largest amount) to 1,699 in 2028. Fremont's total falls by 155 to 2,005 in five years.

Extrapolation of the current student distribution in the fourth-through-twelfth grades in each of these regions, along with the projected new housing locations and the student trends in the dwelling types by location, are the main causes of these differing degrees of projected resident student reduction.

Underlying Factors to the Projections: Recent Student Population Evolution by High School Region

Some of what was written in recent reports about the trends in Table 3 (on page 7) can be repeated here, but there were a few shifts in the last year. The five high school attendance areas have had notable differences in

how their student populations have evolved. The Fremont High region, until the last three years (during and after the pandemic), has long had a steep distributional slant toward the lower grades, with significant reductions as each class graduated upward through the grades. Pre-pandemic examples include (1) 850 first graders in 2017 who graduated, in net, to becoming just 771 third graders (-79 students, or -9%) in 2019 and (2) 677 sixth graders in 2017 who graduated, in net, to becoming just 610 eighth graders (-67 students, or -10%) in 2019. The largest reduction in an individual grade advancement usually has occurred in the class graduation from fifth grade to sixth grade in this region. That is when many of these students evidently shifted to private schools, including the now-closed Summit Denali middle school, starting with sixth grade. The reduction in the graduation from fifth to sixth for this year, however, was by only 37 students (from 614 to 577), or -6%, whereas the losses in the previous five years were by between 72 and 149 students, or from -10% to -23%. We are estimating that only about 15 of the students in that much smaller decline is due to Summit Denali's closure, but that portion of the difference entering sixth grade could continue to at least some degree, as is projected. This is based on the data in Table 4 (page 8), with the assumption that the numbers in the seventh and eighth grades also would have occurred in sixth grade if Summit Denali had continued operating. What is improbable to be repeated are this year's gains in the classes graduating from sixth to seventh grade and eighth to ninth grade, as those increases occurred entirely due to students who previously were enrolled at Summit Denali middle. Without those gains, there would have been student reductions in those grade advancements, albeit to much smaller degrees than in prior years. Also factoring into some of these higher student numbers in each class advancement for this year are returning students to public schools who previously went to private schools, home schools or temporarily moved away during the pandemic. The degree of those returns also is improbable to be repeated in the future.

The other FUHSD attendance areas, by contrast, tended, at least until the pandemic started, to either maintain or increase the size of each individual class as it graduated upward through the elementary grades and into ninth grade. Only the Homestead area, however, has continued to add students in net in every year as classes have graduated from the eighth to ninth grades during the pandemic. This year's increase in the graduation into ninth grade in the Homestead region was exceptional in adding 71 students (from 426 to 497, or +17%), of which the Summit Denali closures are only a minor contributor.

The much greater concerns than these advancement rate differences are the low student amounts now in some or all of the sixth through eighth grades in most FUHSD attendance areas. Each of the Fremont, Homestead and Cupertino regions have not, prior to 2021, had combined SSD-and-CUSD-enrolled eighth grade totals below 500 in a long time. Until recently those totals had been in the upper 500s and lower 600s. Now the Fremont area has 495, Homestead's region has 456 and Cupertino's has 464. While those totals are higher than a year ago for each of these three regions, they are still far below previous counts. For next year Fremont will add that incoming eighth grade class that now has 495 students while having graduated a twelfth grade class of 624 students. Homestead will add that incoming eighth grade class that now has 456 students while having graduated 581 twelfth graders. This is why these two high school regions have the largest projected FUHSD student reductions in 2024. Homestead and Cupertino also will be impacted by especially large differences between incoming ninth graders and graduating twelfth graders in the following two years.

Lynbrook has only a minimal difference between the current resident eighth grade (330) and twelfth grade (361) totals, but it does have a much lower total in seventh grade (255). That class will be Lynbrook ninth graders in 2025. An extremely small class of 211 fourth graders will become Lynbrook ninth graders in 2028, with even smaller potential Lynbrook numbers after 2028, with all of the current kindergarten through second grade totals being below 200. The current Lynbrook attendance area eventually will have fewer than 1,000 FUHSD students.

Monta Vista has the smallest resident student differences between the individual grade totals now in 9-12 and those now in the fourth through eighth grades. This is the main factor for why that region has the least projected decline for its high school total. Considering that Monta Vista already has resident and attending FUHSD totals below 1,700, however, even the relatively modest projected decline by 204 resident FUHSD students to 2028 could be a major concern.

Table 3: K-12 Public School Resident Student Trends in Each Current High School Attendance Area

High School Region	Oct. of	Number of Students Residing in High School Region and Enrolled in SSD, CUSD and FUHSD*													K-12
		K	1	2	3	4	5	6	7	8	9	10	11	12	
Fremont	2017	822	850	787	724	752	691	677	611	552	588	521	498	519	8,592
	2018	779	836	826	740	684	721	619	634	573	520	570	514	495	8,511
	2019	808	725	812	771	689	641	630	593	610	566	533	586	512	8,476
	2020	715	744	676	755	716	638	549	577	569	585	554	515	579	8,172
	2021	639	683	662	598	650	609	489	493	517	527	590	541	533	7,531
	2022	601	619	659	634	576	614	514	463	475	466	525	600	565	7,311
	2023	545	622	624	650	627	564	577	523	495	488	505	543	624	7,387
	Net Change to 2023 Since Highest K-12 Total Achieved in 2017 or Later														-1,205
Homestead	2017	562	551	576	541	639	554	605	596	598	619	621	598	600	7,660
	2018	505	566	557	570	549	635	524	594	590	623	610	601	598	7,522
	2019	521	522	545	541	548	503	558	533	572	615	627	600	594	7,279
	2020	368	509	491	500	512	501	441	538	517	581	600	620	578	6,756
	2021	386	367	470	436	455	462	449	419	521	556	567	583	611	6,282
	2022	378	409	383	463	425	442	447	445	426	576	572	570	585	6,121
	2023	407	401	406	393	457	419	435	451	456	497	579	579	581	6,061
	Net Change to 2023 Since Highest K-12 Total Achieved in 2017 or Later														-1,599
Cupertino	2017	559	588	612	558	573	619	559	626	620	614	597	618	541	7,684
	2018	554	548	576	585	526	556	589	550	627	638	614	588	600	7,551
	2019	445	563	545	559	569	514	526	569	543	630	634	588	572	7,257
	2020	420	459	533	515	510	548	474	510	549	541	608	612	580	6,859
	2021	404	386	404	485	470	493	487	412	492	543	519	597	588	6,280
	2022	349	394	378	394	450	440	461	464	412	498	531	527	593	5,891
	2023	372	367	418	386	407	446	418	459	464	426	513	528	522	5,726
	Net Change to 2023 Since Highest K-12 Total Achieved in 2017 or Later														-1,958
Monta Vista	2017	354	391	457	441	487	507	486	562	581	618	578	585	592	6,639
	2018	348	375	441	460	432	489	516	484	553	541	606	575	570	6,390
	2019	371	388	378	451	456	427	498	523	464	527	524	596	567	6,170
	2020	282	379	393	373	443	429	402	482	497	447	513	514	578	5,732
	2021	302	297	358	384	359	436	408	390	452	440	426	503	495	5,250
	2022	271	343	321	337	384	355	420	416	378	424	440	420	501	5,010
	2023	278	316	358	345	355	372	370	427	415	380	420	444	412	4,892
	Net Change to 2023 Since Highest K-12 Total Achieved in 2017 or Later														-1,747
Lynbrook	2017	184	207	231	284	309	303	361	363	378	434	389	373	428	4,244
	2018	219	214	223	257	289	324	320	364	361	401	435	385	365	4,157
	2019	172	244	236	224	277	301	345	323	375	375	402	434	377	4,085
	2020	172	189	258	246	226	281	318	331	332	372	377	393	431	3,926
	2021	171	192	201	246	238	229	305	318	317	325	366	365	367	3,640
	2022	166	173	207	209	258	246	250	313	327	338	333	364	356	3,540
	2023	173	178	192	226	211	256	299	255	330	348	344	330	361	3,503
	Net Change to 2023 Since Highest K-12 Total Achieved in 2017 or Later														-741

* Figures include K-12 SDC and a nominal number of NPS students. TK and Adult Education students are excluded.

Notes: (1) Figures exclude intra- and inter-district enrollments and a small number of students at residentially unlocatable addresses (e.g., PO boxes). (2) Color codes for by-grade student totals are: pink = 800s, rust = 700s, orange = 600s, yellow = 500s, green = 400s, blue = 300s, lavender = 200s, brown = 100s, grey = highest recent K-12 total for each high school region.

Table 4: Summit Denali students in 2022-23 Now Attending Sunnyvale and Fremont Union School Districts Schools

High School Region	Resident Students by Grade and Grade Range						9-12
	7	8	9	10	11	12	
Fremont	13	15	22	29	24	13	88
Homestead	2	0	2	8	8	4	22
Cupertino	0	0	1	0	0	2	3
Monta Vista	0	0	0	1	0	1	2
Lynbrook	0	0	0	0	0	1	1
All	15	15	25	38	32	21	116

Source: EPC using student files provided by the FUHSD and SSD with known former Summit Denali students identified.

Recent Trends by Housing Situation

All of the trend findings in “existing housing” have been recalculated for this study, including by several value classifications of single-family-detached residences (“SFD”) and attached units (“ATT”, covering apartments, condos, townhouses and plexes). We are again using the cutoff of October 1, 2015, for what qualifies as “existing housing” (i.e., in areas with virtually no net additional non-ADU units after that date). “New housing” covers developments completed since then and can include a few older units in the same EPC-created planning areas. These figures have been compiled separately by the SSD and CUSD regions because of trend differences between similar dwellings in those districts. Key information on the main housing trends is summarized in Table 5 on pages 8 and 9, with additional data shown in Appendix B. This is all based on aggregates of the relevant student counts in the nearly 500 planning areas that we are analyzing the data by for your district.

Understanding the Data in Table 5

Table 5 contains student totals from 2019 through 2023 in areas that either did or did not have consequential numbers of housing units added since September 2015. Counts are provided in K-8 and 9-12. Having figures for both groups shows how the student population is evolving, in terms of getting older or younger on average. All existing “SFD – Moderate to Upper Income” homes in the SSD region, for instance, now have 360 fewer K-8 students and only 85 fewer FUHSD students than in 2019. There was thus a distributional shift toward the upper grades, which indicates the current families have older children on average.

Key Findings Related to the Data in Table 5

There are several divergent findings between the existing housing categories in the SSD part of the FUHSD. The first is that all of these categories had net K-8 reductions since 2019, but the 9-12 totals instead either had much smaller declines or growth. That growth occurred in (1) “ATT – Relatively Affordable to Modest” units, (2) “ATT – High Amenity” dwellings and (3) mobile home parks.⁴ Continuing to have gains in FUHSD students in these three categories over the next five years is unlikely, however, because of the smaller totals now in most of grades 4-8

⁴ “ATT – Relatively Affordable to Modest” units are mainly apartments with some amenities and adequate onsite covered parking. “ATT – High Amenity” dwellings have either secure underground parking, for modern upscale condos, or individual garages for modern townhouses and plexes.

Table 5: Most Significant Recent Resident Student Population Trends by Housing Type and Location

Elem. District Region	Housing Type*	Early Oct. of	Students in K-8	Net SSD-Enrolled K-8 (excluding TK) Student Change Since		Students in 9-12	Net FUHSD-Enrolled 9-12 Student Change Since	
				Prior Year	Oct. 2019		Prior Year	Oct. 2019
SSD	SFD - Originally Relatively Affordable to Modest	2019	1,256			595		
		2020	1,174	-82		584	-11	
		2021	1,100	-74		560	-24	
		2022	1,060	-40		536	-24	
		2023	1,080	20	-176	528	-8	-67
	SFD - Moderate to Upper Income	2019	1,487			737		
		2020	1,335	-152		729	-8	
		2021	1,195	-140		711	-18	
		2022	1,148	-47		672	-39	
		2023	1,127	-21	-360	652	-20	-85
	ATT - Relatively Most Affordable	2019	890			397		
		2020	795	-95		387	-10	
		2021	766	-29		388	1	
		2022	740	-26		401	13	
		2023	744	4	-146	377	-24	-20
	ATT - Relatively Affordable to Modest	2019	1,235			384		
		2020	1,166	-69		399	15	
		2021	1,072	-94		431	32	
		2022	1,070	-2		457	26	
		2023	1,142	72	-93	483	26	99
	ATT - High Amenity	2019	588			178		
		2020	577	-11		186	8	
		2021	494	-83		192	6	
		2022	454	-40		201	9	
		2023	459	5	-129	210	9	32
	All MHP	2019	147			76		
		2020	137	-10		84	8	
		2021	138	1		75	-9	
		2022	135	-3		92	17	
		2023	139	4	-8	94	2	18
	All Existing Units (including areas with a full mix of housing values and/or types)	2019	6,028			2,579		
		2020	5,556	-472		2,584	5	
		2021	5,101	-455		2,565	-19	
		2022	4,963	-138		2,579	14	
		2023	5,040	77	-988	2,554	-25	-25
	New Dwellings	2019	174			69		
		2020	180	6		72	3	
		2021	208	28		83	11	
		2022	233	25		85	2	
		2023	237	4	63	84	-1	15

Table 5, page 1 of 2, with footnotes at the bottom of the final page

Table 5: Most Significant Recent Resident Student Population Trends by Housing Type and Location

Elem. District Region	Housing Type*	Early Oct. of	Students in K-8	Net CUSD-Enrolled K-8 (excluding TK) Student Change Since		Students in 9-12	Net FUHSD-Enrolled 9-12 Student Change Since	
				Prior Year	Oct. 2019		Prior Year	Oct. 2019
CUSD	SFD - Originally Relatively Affordable to Modest	2019	1,030			588		
		2020	973	-57		565	-23	
		2021	883	-90		549	-16	
		2022	844	-39		516	-33	
		2023	772	-72	-258	503	-13	-85
	SFD - Moderate to Upper Income	2019	7,646			4,828		
		2020	7,098	-548		4,658	-170	
		2021	6,617	-481		4,338	-320	
		2022	6,245	-372		4,129	-209	
		2023	6,251	6	-1,395	3,849	-280	-979
	ATT - Relatively Most Affordable	2019	1,012			431		
		2020	975	-37		431	0	
		2021	814	-161		393	-38	
		2022	781	-33		443	50	
		2023	778	-3	-234	420	-23	-11
	ATT - Relatively Affordable to Modest	2019	3,411			1,039		
		2020	3,182	-229		989	-50	
		2021	2,833	-349		895	-94	
		2022	2,677	-156		858	-37	
		2023	2,719	42	-692	884	26	-155
	ATT - High Amenity	2019	2,853			1,213		
		2020	2,663	-190		1,169	-44	
		2021	2,276	-387		1,108	-61	
		2022	2,137	-139		1,074	-34	
		2023	2,125	-12	-728	1,014	-60	-199
	All Existing Units (including areas with a full mix of housing values and/or types)	2019	16,098			8,182		
		2020	15,027	-1,071		7,895	-287	
		2021	13,549	-1,478		7,363	-532	
		2022	12,802	-747		7,094	-269	
		2023	12,752	-50	-3,346	6,755	-339	-1,427
	New Dwellings (mainly between 2015 and 2019)	2019	87			31		
		2020	76	-11		30	-1	
		2021	61	-15		33	3	
		2022	63	2		29	-4	
		2023	77	14	-10	33	4	2

* "Existing" dwellings are from EPC-created planning areas with virtually no increase in non-ADU housing units since Sept. 2015. "New" dwellings are from areas that have at least 13 units "first occupied" since Sept. 2015 but can include older units. "SFD" means single-family-detached homes and "ATT" stands for attached and covers apartments, condos, townhouses and plexes. Totals for "All Existing Units" can include categories such as mobile homes (in the SSD) and areas with a mix of housing types. The combinations of existing and new dwellings do not equal any total enrollments because incoming inter-district students and students listed at residentially unlocatable addresses are excluded. See Appendix B for additional information.

Table 5, page 2 of 2

that will be graduating into 9-12. And the significant recent reductions in FUHSD students in SFD homes could accelerate as the even greater recent per-grade declines in grades 4-8 graduate upward. These recent student reductions from SFD homes in the SSD, while having become much smaller or even slightly rebounding in 2023, nonetheless are in a severe rate of decline in both K-8 and 9-12.

The only category that had a consequential rise in SSD K-8 students in 2023 is the “ATT – Relatively Affordable to Modest” units. That 72-student increase offset over 40% of the decline by 165 students in the previous three years. This turnaround could include students returning to the district after having temporarily moved away during the pandemic. While we doubt that this gain of 72 students in a single year will be repeated, some further K-8 student rebound is possible in this category, but not to the point of reaching the pre-pandemic total in K-8.

“ATT – Relatively Affordable to Modest” also was the only category with a meaningful rise in CUSD K-8 students in 2023, but that was after a far greater student decline over the three prior years than in comparable SSD units. This category in the CUSD has nets of 692 fewer K-8 students, for a drop by more than 20%, and 155 fewer FUHSD students, or -15%, than just four years ago.

Also dissimilar to the SSD trends is that the CUSD category with the most students, which are the “SFD – Moderate to Upper Income” homes, had greater per-grade proportionate losses in 9-12 than in K-8. These dwellings lost nearly 1,000 FUHSD students, or more than 20%, just since 2019, with 280 of that occurring in 2023. Since the K-8 total fell by almost 1,400 students during that time, further significant decline in 9-12 students is a certainty in these homes as those much smaller numbers now in the CUSD grades graduate upward. This trend has had, and will continue to have, a corresponding negative impact on the high school attendance areas where such housing is concentrated (i.e., for Lynbrook, Monta Vista and Homestead).

The general finding from all of the existing housing categories in both the SSD and CUSD is that the K-8 trends significantly improved in 2023, with most categories having either much smaller losses or nominal gains this year, but the student totals are still far below those from before the pandemic started. Most of these improving differences in 2023 also are improbable to continue to the same degrees, as is explained in the following section.

Advancement Rates from Existing Housing

Grade-to-grade advancement rates are calculations of the net change in the number of students in each grade as they graduate into the next grade in the following school year. These figures, which are sometimes called cohort survival rates, are most applicable to an accurate forecast when they are determined specifically for students from existing dwellings. For example, if there had been a total of 100 students in eighth grade last year and 105 in ninth grade this year from the same group of homes, that would be a +5% (1.05) net advancement rate gain. Such rates usually are averaged over the last several years within each single-grade advancement to avoid giving too much influence to nuances that may have occurred in any one year.

For this study, however, there is a reason to look at how far these advancement rates dropped during the pandemic compared to (1) what occurred in 2023 and (2) the averages over the years just before the pandemic. Such figures can indicate how dramatically the pandemic altered the student trends through the grades and whether there has been any improvement this year. These grade-to-grade rates, by different housing types and relative value levels, are provided in Appendix B, with the “cumulative rates” from the first to eighth grades in nine aggregate categories shown in Table 6 on page 13.⁵

⁵ We exclude the rates entering first grade from this cumulative calculation because those have often been impacted by students coming out of private kindergarten programs. That factor, while important, is a separate issue from identifying the changes occurring in existing housing through both turnover and pandemic-related issues, which are the main reasons for identifying these cumulative rates.

Understanding the Data in Table 6 and the related Appendix B

Discussing many of the individual grade-to-grade rates in the elementary grades can be an overload of data without providing clarity, so we prefer to summarize the results via what we call cumulative rates. Even those cumulative rates may seem to some readers to be obscure figures of limited importance, but these instead are a critical part of the forecast.

The cumulative rates shown on the left side of Table 6 are the result of a compounding of the individual grade-to-grade advancement rates from the first to eighth grades averaged over each specified period. These cumulative figures identify the net changes in the student body classes as they graduated upward through the grades. Using the SSD “SFD – Affordable to Modest” category in the 2016-to-2019 period as an example, the “0.70” means that 100 students in first grade in any one year would become 70 students seven years later in eighth grade (i.e., a 30% reduction) if these rates continuously occur in the future. The cumulative rate from these homes then fell to 0.65 from 2019-to-2020 and 0.61 from 2020-to-2022, during the pandemic, and then soared to 1.34 in this year alone.

The SSD region’s “ATT – Relatively Affordable to Modest” and “ATT – High Amenity” categories (in Table 5) were combined into “ATT – All Other” in this table because “ATT – High Amenity” has too few students for statistically meaningful trend rates.

Key Findings Related to the Data in Table 6

This table shows why sufficiently accurate forecasts have been so much more difficult to make in recent years than at any other time in the 38 years I have been providing enrollment projections. Both the cumulative rates through the elementary grades and the rates for the FUHSD grades have shifted hugely between recent periods. Identifying the most suitable rates to apply in the forecast are thus a challenge.

All but two of the nine categories shown in Table 6 had cumulative rates through the elementary grades that (1) were significantly lower during the main pandemic-impacted years and (2) were much higher this year than in any other period shown in the table. One of these exceptions is “ATT – Most Affordable” in the SSD, with a lower rate in 2016-to-2019 (0.73) than in 2020-to-2022 (0.90). The other exception is “SFD – Originally Affordable to Modest” in the CUSD, with a lower rate this year (0.90) than those from both 2016-to-2019 (1.09) and 2020-to-2022 (0.96). For these exceptions, we gave greater weight in the forecast to the underlying grade-to-grade rates (shown in Appendix B) through the elementary grades from the more recent years. For all other categories, the extremes of lower rates during the pandemic and much higher rates this year are considered less applicable for the future, with the underlying elementary grade-to-grade rates from the 2016-to-2019 period given greater weight in the forecast.⁶

It should be noted that despite some extraordinarily high cumulative rates from 2022-to-2023, several categories did not significantly add students in the K-8 totals this year, with some instead having had significant reductions. This is because of lower kindergarten and first grade totals this year.

Similar considerations were given to the rates through the high school grades during these periods. The much higher rates this year for some grades in the SSD region clearly have the Summit Denali school closures factoring in. The forecast generally had more weight given to the rates from the 2016-to-2019 period unless the rates in the 2020-to-2022 and 2022-to-2023 periods were close and the rate in the earlier period differed notably from those.

⁶ This year’s enrollment received (A) returning students to SSD, CUSD and FUHSD schools who had gone to private schools, home schooling or temporarily moved away during the pandemic and (B) SSD and FUHSD students who were enrolled in the now-closed Summit Denali private schools. The latter is a onetime gain and the former is unlikely to be repeated to anywhere near the same degree in the future, which makes the more extremely high rates from 2022-to-2023 inapplicable to the future.

Table 6: Summary of Key Resident Student Grade-to-Grade Advancement Rate Findings in Existing Housing
(with color highlighting of cumulative rates, rates entering ninth grade and 0.08+ differences entering other HS grades)

								Average Rate at which the Net Number of Students Advanced from Prior Grade to This Grade in October of Each Year***			
Neighborhoods of Existing Residences*		Students Enrolled in K-12 (excluding TK) in the FUHSD and the Listed ESD		Cumulative Rates from 1st to 8th**				2016 to 2019 top data row			
Region	Type	Current Total	Change in 2023	2016 to 2019	2019 to 2020	2020 to 2022	2022 to 2023	2020 to 2022 middle data row			
								2022 to 2023 bottom data row			
								9th	10th	11th	12th
SSD	SFD - Affordable to Modest	1,608	12	0.70	0.65	0.61	1.34	1.07	0.98	0.99	0.94
			0.7%					1.02	1.01	0.94	1.00
								1.04	1.13	1.02	0.98
	SFD - Moderate to Upper Income	1,779	-41	0.81	0.51	0.65	0.87	1.15	0.99	1.01	1.01
			-2.3%					1.12	1.02	1.00	0.99
								1.29	1.01	1.01	1.00
ATT - Most Affordable		1,121	-20	0.73	0.44	0.90	0.90	0.99	0.96	0.96	1.01
			-1.8%					0.99	1.06	0.96	1.06
								1.07	1.09	1.00	1.03
	ATT - All Other	2,294	112	0.61	0.52	0.44	1.00	1.03	0.96	0.92	0.97
			4.9%					1.05	1.03	1.07	1.04
								1.21	1.02	1.08	1.08
CUUSD	SFD - Originally Affordable to Modest	1,275	-85	1.09	0.89	0.96	0.90	1.07	1.02	1.02	0.97
			-6.7%					1.05	0.97	1.01	0.96
								1.03	1.05	0.96	1.02
	SFD - Moderate to Upper Income	10,100	-274	1.14	0.94	1.00	1.41	1.01	1.01	1.00	0.99
			-2.7%					0.99	1.00	0.99	0.98
								1.04	1.01	1.00	1.00
ATT - Most Affordable		1,198	-26	0.89	0.78	0.58	1.07	1.00	0.97	0.99	0.96
			-2.2%					1.01	1.00	1.01	1.03
								0.91	1.01	1.03	1.04
	ATT - Affordable to Modest	3,603	68	0.54	0.51	0.42	0.82	0.91	0.93	0.94	0.94
			1.9%					0.85	0.89	0.92	0.95
								1.08	0.98	1.03	0.98
ATT - High Amenity	3,139	-72	0.79	0.60	0.51	0.99	0.93	0.97	0.99	0.98	
		-2.3%					0.91	1.00	1.03	0.98	
							0.93	1.03	0.96	0.98	

* See footnote in Table 4 for explanation of this data. Some categories in Table 4 are merged in this table to provide sufficiently large student totals (1,000+) to generate more statistically meaningful advancement and cumulative rates.

** This is the portion of the number of students in any one year in first grade that would be in eighth grade seven years later using the cumulative rates calculated in each three-year period. The "0.70" from "SFD - Affordable to Modest" in the 2016-to-2019 period in the SSD region, for instance, means that, on average, there would be 70% as many eighth graders in these same homes for every class of first graders from seven years earlier, if this rate occurs in all future years.

*** FUHSD student grade-to-grade advancement rates from 2019 to 2020 are shown in Appendix B.

Note: Advancement rates shown are actual calculated rates. These have been modified where warranted in the forecast.

Projected Impacts of New Housing

New dwellings impact the enrollment through a combination of (1) the number of residences expected in the various housing types, by year and location, and (2) the projected number of students in each of those units. These two components are discussed in the following italicized subsections. For those readers who do not need such a detailed explanation of this new-housing-related data, we recommend looking at Tables 7 and 8 on pages 15 and 16 and then skipping ahead to the Concluding Commentary on page 18.

Average Student Generation Rates (SGRs) from Recently Built Housing

Student generation rates are the average rates at which residences “yield” students, such as one student in every two homes (a 0.50 SGR). Public school SGRs usually are calculated by identifying the number of district-enrolled students in a sufficiently large unit sample from the local area.

Five SGR categories of recently built dwellings were determined warranted for the projections. This includes housing categories that were split into separate SGR categories based on SSD and CUSD subsections. These sampled SGR categories, from developments of at least three units, are (as is shown in Table 7 on page 15):

- (1) SSD “Mainly Market-Rate” – mainly market-rate developments, which can include small percentages of BMR units;
- (2) SSD “BMR ATT (non-SRO)” – attached complexes with at least 50% of the units originally offered at below-market rates (i.e., affordable to occupants with incomes below a certain level, such as 80% of the median income); this excludes “SRO” (single-room occupancy) projects;
- (3) SSD “BMR SRO ATT” – BMR developments that generally are just studios with only limited kitchen facilities and have no more than one parking space per unit;
- (4) CUSD “SFD and SFA” – tracts of mostly market-rate, SFD and comparable attached (SFA) homes (i.e., large plex units with attached two-car garages), which can include small percentages of BMR units; and
- (5) CUSD “Regular ATT” – attached housing developments, other than SFA, of mainly market-rate units, which can include small percentages of BMR units.

Samples taken in these SGR categories contain only fully occupied developments with none of the units having been moved into before 2016 in “Mainly Market-Rate” homes in the SSD and before 2014 in the other categories. The extra two years in the latter were needed to provide adequate samples. The reason for not having a separate SGR calculation for SFD homes in the SSD is that too few were completed recently for a statistically adequate sample.

The latest mainly market-rate developments completed in the SSD, which are almost entirely ATT units, have 150 SSD and 54 FUHSD students in 3,402 residences, for a rounded 0.06 TK-12 SGR (and just 0.02 in grades 9-12; see Table 7 on page 15). This finding is in the vicinity of the SGRs we are identifying from similar dwellings in many other South Bay districts. Two factors contribute to such low SGRs: (1) high housing costs and (2) recent mainly market-rate ATT housing developments being designed primarily at densities more suitable to young high-tech workers, with large percentages of studio and one-bedroom units in complexes that have spas and gyms but are not overly “family friendly”.

Only three BMR locations were completed recently in the SSD (and the FUHSD), of which one is considered SRO. That location currently has three students in 63 units, for a rounded 0.05 TK-12 SGR. The two recent BMR Non-SRO complexes, on the other hand, collectively have a 0.58 TK-12 SGR (0.11 in 9-12) from 73 students in 126 units.

The small sample of 67 recent SFD and SFA homes in the CUSD area (in developments of at least three net added homes) currently has 37 TK-12 students, for a 0.55 SGR (0.15 in 9-12). Normally we avoid using such a

Table 7: Student Generation Rates (SGRs) from Recently Built Housing

Elementary District Region	Category of Recently Built Housing* (developments of)	Sampled Housing Units	Actual October 2022 Students Enrolled in the Respective Districts				Current Student Generation Rate (SGR) (rounded)		
			TK-2	3-5	6-8	9-12	TK-8	9-12	TK-12
Sunnyvale (SSD)	Mainly Market-Rate	3,402	68	51	31	54	0.04	0.02	0.06
	BMR ATT (non-SRO)	126	14	20	25	14	0.47	0.11	0.58
	BMR SRO ATT	63	1	0	1	1	0.03	0.02	0.05
Cupertino (CUSD)	SFD and SFA	67	13	7	7	10	0.40	0.15	0.55
	Regular ATT	419	46	27	27	32	0.24	0.08	0.32

* "Mainly Market-Rate" covers all recently completed developments with (1) no units occupied before 2016, aside from "BMR" locations, in the SSD and (2) no units occupied before 2014 in the CUSD, with those two additional years needed for adequate sample size and diversity. Too few SFD (single family detached) homes were built recently in the SSD to provide an adequate separate sample. BMR locations are those with at least 50% of the units originally offered at "below-market rates". SRO means single-room-occupancy locations that have only small studios with minimal kitchen facilities and limited parking. SFA is the abbreviation for "single-family attached" units, which we define as modern large, individually owned townhouses with private outside areas and two-car garages connected to each unit in the CUSD. Regular ATT covers non-SFA and non-mainly-BMR developments of attached units (apartment, condo and traditional townhouse and plex units) in the CUSD.

limited sample to apply to projected units, but with fewer than 100 forecast (in developments of at least five net added homes), this is an adequate SGR determination.

The 419 sampled Regular ATT units in developments completed since 2013 in the CUSD region have 132 TK-12 students enrolled in the CUSD and FUHSD, for a 0.32 SGR (0.08 in 9-12).

Both of these relatively small CUSD samples have high ratios of units completed more than four years ago because few dwellings have been built in that region since then. Future developments in this area may have significantly different SGRs.

Projected New Housing

A total of 4,606 residences, in developments of at least five net additional units, are forecast during the next five years in the FUHSD (see bottom row of Table 8 on page 16). This is a significant reduction from the 6,100 units forecast a year ago because of a changing economic situation. The steep rise in interest rates and the shift to working remotely made some high-density, mixed-use developments that take years to build less viable. The potential developments north of Highway 237 and on the former Vallco site are both now "iffy" to have occupied residences within the next five years, with the updated projections for each only having the first units in 2028.

Although the majority (3,233) of the projected units are in the SSD area, all but 404 of those are in the "Mainly Market-Rate in SSD" group that has only a 0.02 SGR in the high school grades. And 300 of the 1,373 units forecast in the CUSD region are in the BMR SRO ATT category that also has only a 0.02 SGR in grades 9-12.

Table 8
Projected New Housing (excludes developments of less than five net added units and any units restricted to seniors)*

Region	Housing Category (developments of)	Projected Net Added Units in 12 Months to Oct. 1					Total
		2024	2025	2026	2027	2028	
Fremont HS	Mainly Market-Rate in SSD	399	561	559	550	553	2,622
	BMR ATT (non-SRO) in SSD	0	80	96	34	126	336
	Regular ATT in CUSD	50	91	0	0	35	176
	SFD & SFA in CUSD	0	0	39	0	0	39
	Total	449	732	694	584	714	3,173
Homestead HS	Mainly Market-Rate in SSD	0	0	0	158	49	207
	BMR ATT (non-SRO) in SSD	68	0	0	0	0	68
	Total	68	0	0	158	49	275
Monta Vista HS	Regular ATT in CUSD	40	53	34	94	94	315
	BMR ATT (non-SRO) in CUSD	0	0	40	40	0	80
	SFD & SFA in CUSD	9	13	0	0	0	22
	Total	49	66	74	134	94	417
Cupertino HS	Regular ATT in CUSD	0	0	70	71	300	441
	BMR SRO ATT in CUSD	0	0	0	0	300	300
	Total	0	0	70	71	600	741
Lynbrook HS	Total	0	0	0	0	0	0
Sunnyvale SD	Mainly Market-Rate in SSD	399	561	559	708	602	2,829
	BMR ATT (non-SRO) in SSD	68	80	96	34	126	404
	Total	467	641	655	742	728	3,233
Cupertino USD	Regular ATT in CUSD	90	144	104	165	429	932
	BMR SRO ATT in CUSD	0	0	0	0	300	300
	BMR ATT (non-SRO) in CUSD	0	0	40	40	0	80
	SFD & SFA in CUSD	9	13	39	0	0	61
	Total	99	157	183	205	729	1,373
Fremont UHSD	Mainly Market-Rate in SSD	399	561	559	708	602	2,829
	Regular ATT in CUSD	90	144	104	165	429	932
	BMR SRO ATT in CUSD	0	0	0	0	300	300
	BMR ATT (non-SRO) in SSD	68	80	96	34	126	404
	BMR ATT (non-SRO) in CUSD	0	0	40	40	0	80
	SFD & SFA in CUSD	9	13	39	0	0	61
	Total	566	798	838	947	1,457	4,606

* Totals are from site-specific projections based on EPC fieldwork and info from the relevant city planning departments.

The large developments forecast to have occupancies in 2024 through 2028 in the SSD part of the FUHSD, generally from north to south and west to east, are:

- (1) 300 Regular ATT (probably apartment) units north of Highway 237 in 2028
- (2) 135 townhouses on Karlstad Drive in 2025
- (3) replacement of the shopping center at the northwest corner of Lawrence and Lakehaven with a total of 95 townhouses and 16 ADU (Accessory Dwelling) units in 2027 and 2028
- (4) a development of 30 BMR Non-SRO and 63 market-rate apartments on West Weddell Drive in 2028, but this will be after removing 62 BMR Non-SRO units there in 2027 (i.e., probably no net student gain)
- (5) 24 townhouses at 210 West Ahwanee in 2027
- (6) 79 townhouses in the redevelopment of an old commercial center on East Duane Avenue in 2027
- (7) 18 townhouses at the northwest corner of Columbia and Fair Oaks in 2024
- (6) a 173-unit mainly market-rate development at 1154 Sonora Court in 2027 and 2028
- (7) a 106-unit mainly market-rate development at 1170 Sonora Court in 2027
- (8) 176 BMR Non-SRO units at 1178 Sonora Court in 2025 and 2026
- (9) 192 BMR Non-SRO units at 1171 Sonora Court in 2027 and 2028
- (10) 29 “Co-Housing” mainly-market rate units at 1200 Kifer Road in 2028
- (11) a 225-unit mainly market-rate development at 1150 and 1170 Kifer Road in 2026 and 2027
- (12) a 90-unit BMR Non-SRO project (but with 22 one-bedroom special-needs-designated units that should not have any students, so the forecast has 68 units) on South Mathilda Avenue in 2024
- (13) 16 condos at 220 Carroll Street in 2024
- (14) 479 apartments being “first occupied” in the City Center redevelopment in 2024 to 2026
- (15) 19 townhouses in the City Center redevelopment in 2027
- (16) a total of 92 units in two mainly market-rate developments at 510 and 528 South Mathilda in 2027 and 2028
- (17) 412 apartments and 329 townhouses being “first occupied” on Aster Ave by Lawrence in 2024 through 2027
- (18) an 88-unit apartment building and five SFD homes at 1124 El Camino Real in 2027 and 2028
- (19) 20 mainly market-rate condos at 148 West Crescent in 2027
- (20) 114 townhouses at 877 West Fremont in 2027

The additional large developments forecast to have occupancies in 2024 through 2028 in the CUSD part of the FUHSD include, generally from north to south and west to east:

- (21) 91 apartments and 39 townhouses at NW corner of Fremont Avenue and Wolfe Road (“Butcher’s Corner”), with the apartments projected for 2025 and the townhouses in 2026
- (22) 50 condos on the south side of Fremont Avenue just east of Sunnyvale-Saratoga Road in 2024
- (23) 35 condos on the south side of Fremont Avenue just east of Sunnyvale-Saratoga Road in 2028
- (24) an estimated 80 BMR Non-SRO units at 20560 Valley Green Drive in 2026 and 2027
- (25) 88 townhouses on the former Oaks shopping center site on Stevens Creek Blvd. in 2024 and 2025
- (26) 188 attached units at the current Marina Foods location on Stevens Creek Blvd. in 2027 and 2028
- (27) 300 market-rate attached and 300 BMR SRO units on the former Valco site in 2028
- (28) 141 attached units at 20015 Stevens Creek Blvd. in 2026 and 2027
- (29) nine townhouses at the southwest corner of Foothill and Stevens Creek in 2024
- (30) 13 SFD homes and five attached units on Foothill near McLellan in 2025
- (31) 23 apartments and eleven townhouses near the northwest corner of DeAnza and Prospect in 2026

Over two-thirds (3,173) of these projected units are in the Fremont attendance area, with the Cupertino area having more than 50% (741) of the rest, but that includes 300 BMR SRO units at the former Valco site. While 2028 has the largest number of units, that includes both the former Valco location and the start of a potential Google “village” north of Highway 237. Both of those could be delayed until after 2028 for “first occupations”.⁷

⁷ Thanks for their insights into planned and potential housing is due to (1) Sunnyvale Community Development planners Noren Caliva-Lepe, George Schroeder and Shaunn Mendrin and (2) Cupertino Community Development planner Gian Martire. All final decisions on timing and amounts by location, however, were made by EPC.

A total of 187 FUHSD students are projected in 2028 from these new housing locations, as is shown in the bottom data row of Table 1 on page 3.

Concluding Commentary

With an average of 327 more current FUHSD students in each of the tenth through twelfth grades than the average in the fourth through eighth grades in the SSD and CUSD, it is a given that there will be significant further FUHSD enrollment decline in the next five years. The only issue is in how severe that reduction will be, as those smaller classes graduate into ninth grade and the larger current FUHSD classes graduate out of twelfth grade.

The cumulative and grade-to-grade advancement rates from 2022-to-2023 have been mostly ignored in this forecast, which is a significant judgement call. Focusing instead on rates from seven-to-four years ago is a concern for applying to future trends, but that is nonetheless more applicable than some of the severe pandemic-related rate swings that occurred since 2019. Hopefully next year's rates, from 2023-to-2024, will be the first since the pandemic started that return to vicinities that we will have confidence in generally applying in the projections.

The declining SSD and CUSD student numbers in kindergarten and first grade, along with the low birth numbers in those locations, strongly indicate that the FUHSD enrollment will continue to drop well into the next decade. Maintaining current educational programs in five regular high schools could be an issue by 2028, when the average enrollment is forecast to be around 1,600, with even lower enrollment numbers adding to this issue in subsequent years.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas R. Williams", with a long horizontal flourish extending to the right.

Thomas R. Williams, principal demographer for Enrollment Projection Consultants

Appendix A1: Actual October 2023 Resident Students and Attending Enrollments

High School	Category	Actual SSD, CUSD and FUHSD Students, incl. SDC*							9-12 Total
		6	7	8	9	10	11	12	
Fremont	Attendance				481	495	542	624	2,142
	Resident Population	576	523	495	488	505	543	624	2,160
	Net Difference (A-R)				-7	-10	-1	0	-18
Homestead	Attendance				500	585	581	591	2,257
	Resident Population	433	450	456	497	579	579	581	2,236
	Net Difference (A-R)				3	6	2	10	21
Monta Vista	Attendance				368	407	441	410	1,626
	Resident Population	370	427	415	380	420	444	412	1,656
	Net Difference (A-R)				-12	-13	-3	-2	-30
Cupertino	Attendance				368	469	479	481	1,797
	Resident Population	418	459	464	426	513	528	522	1,989
	Net Difference (A-R)				-58	-44	-49	-41	-192
Lynbrook	Attendance				442	421	408	432	1,703
	Resident Population	299	255	330	348	344	330	361	1,383
	Net Difference (A-R)				94	77	78	71	320
Community	Attendance (no Resident Population)				0	2	5	0	7
NPS	Attendance (no Resident Population)				9	4	2	8	23
Total	Attendance				2,168	2,383	2,458	2,546	9,555
	Resident Population	2,096	2,114	2,160	2,139	2,361	2,424	2,500	9,424
	Net Difference (A-R)**				29	22	34	46	131

* Only the FUHSD figures include NPS students.

** Total net difference is 129 incoming inter-district students (outgoing amount not calculated) and two students listed at residentially unlocatable addresses.

Note: Students enrolled in unlisted special programs are included in attendance numbers for the five regular high schools.

Appendix A2: Projected October 2024 Resident Students and Potential Attending Enrollments for the Current Attendance Areas, if the Current Intra- and Inter-District Levels continue Next Year (graduated up by one grade with adjustments for both advancement rates and special schools)*

High School	Category	Projected SSD, CUSD and FUHSD Students, including SDC**							
		6	7	8	9	10	11	12	9-12 Total
Fremont	Resident Population	504	544	506	479	486	506	546	2,017
	Potential Net Adjustment				-7	-7	-9	5	-18
	Potential Attendance				472	479	497	551	1,999
Homestead	Resident Population	389	427	442	482	492	570	576	2,120
	Potential Net Adjustment				3	3	6	8	20
	Potential Attendance				485	495	576	584	2,140
Monta Vista	Resident Population	366	370	420	411	377	414	435	1,637
	Potential Net Adjustment				-12	-12	-12	3	-33
	Potential Attendance				399	365	402	438	1,604
Cupertino	Resident Population	431	410	447	460	422	504	516	1,902
	Potential Net Adjustment				-58	-58	-43	-43	-202
	Potential Attendance				402	364	461	473	1,700
Lynbrook	Resident Population	265	299	255	339	346	342	325	1,352
	Potential Net Adjustment				94	94	78	84	350
	Potential Attendance				433	440	420	409	1,702
Community NPS	Attendance (extrapolated)				0	0	2	5	7
	Attendance (extrapolated)				9	9	4	2	24
Total	Resident Population	1,955	2,050	2,070	2,171	2,123	2,336	2,398	9,028
	Projected Net Adjustment***				29	29	26	64	148
	Attendance				2,200	2,152	2,362	2,462	9,176

* This information is provided to assist the FUHSD in planning for individual school enrollments. District decisions based on both these numbers and many other factors will alter the actual net adjustments that will occur for each school. This is particularly true with the large potential net adjustments in ninth for CHS and LHS.

** FUHSD NPS students also are included.

*** Projected total net adjustment is 146 incoming inter-district students and two students at unlocatable addresses. The former is based on recent FUHSD trends. Future levels, however, easily could be modified by District decisions.

Notes: (1) Students enrolled in unlisted special programs are included in attendance numbers for the five regular schools. (2) The projections have hidden fractional amounts, so the totals shown here may not exactly match those in other tables.

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category <u>in the SunnyvaleSD Region</u>																					
Classification of Existing Dwellings		Subject		Oct. of	SSD Student Data										FHUSD Student Data						
Type*	Category**				TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12	
SFD	Relatively Affordable and Modest	Resident Students	2016	20	151	134	160	172	146	170	178	120	146		1,397		150	155	159	179	643
			2017	28	164	147	133	164	168	142	155	176	121	1,398		177	148	153	154	632	
			2018	34	143	162	146	124	154	158	141	142	173	1,377		129	162	148	139	578	
			2019	31	176	130	144	145	117	137	133	135	139	1,287		161	133	160	141	595	
			2020	27	136	152	127	142	137	105	121	120	134	1,201		141	158	128	157	584	
			2021	11	119	149	134	118	126	131	86	121	116	1,111		137	148	146	129	560	
			2022	31	123	119	140	130	111	124	113	82	118	1,091		117	132	141	146	536	
			2023	37	104	126	124	140	135	104	126	123	98	1,117		123	132	135	138	528	
			Res. Stu. not enrolled at SPARK in 2017	34	142	158	141	120	152	153	140	142	172	1,354							
			Average Change Rate:																		
																</					

Appendix B, Page 1 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Sunnyvale SD Region																			
Classification of Existing Dwellings			SSD Student Data														FHUSD Student Data		
Type*	Category**	Subject	Oct. of	TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12
SFD (cont.)	All SFD Categories	Resident Students	2016	39	325	305	354	369	315	349	344	290	313	3,003	323	326	344	338	1,331
			2017	45	348	329	303	356	361	306	325	336	290	2,999	363	315	322	341	1,341
			2018	50	321	351	330	295	347	353	294	311	336	2,988	329	349	315	309	1,302
			2019	50	334	308	327	330	282	309	300	290	301	2,831	351	332	354	311	1,348
			2020	40	260	304	289	299	317	260	259	274	285	2,587	313	343	331	343	1,330
			2021	18	237	265	278	258	275	294	209	250	262	2,346	311	323	333	332	1,299
			2022	52	240	245	265	278	253	269	249	202	242	2,295	277	312	314	331	1,234
			2023	65	215	251	247	272	276	240	262	258	217	2,303	284	294	316	311	1,205
		Res. Stu. aside from SPARK Stu. in 2017	2018	50	320	345	324	289	342	347	292	311	335	2,955					
		Average Change Rate:																	
from Prior Grade in 2016 to 2019 w/o SPARK																			
0.99 0.97 0.99 0.96 0.96 0.94 0.91 0.97 0.99																			
from Prior Grade in 2019 to 2020																			
0.91 0.94 0.91 0.96 0.92 0.84 0.91 0.98																			
from Prior Grade in 2020 to 2022																			
1.03 0.96 0.95 0.95 0.95 0.83 0.97 0.96																			
from Prior Grade in 2022 to 2023																			
1.05 1.01 1.03 0.99 0.95 0.97 1.04 1.07																			
ATT	Most Affordable	Resident Students	2016	20	117	115	88	112	138	121	121	102	116	1,050	105	113	100	90	408
			2017	23	98	116	113	82	103	135	118	116	97	1,001	110	104	103	102	419
			2018	24	90	106	105	116	84	100	117	105	106	953	95	97	96	107	395
			2019	22	106	79	98	90	112	93	99	113	100	912	109	96	98	94	397
			2020	11	84	100	71	88	84	105	69	94	100	806	93	108	92	94	387
			2021	13	86	85	101	71	85	83	101	66	88	779	98	99	97	94	388
			2022	17	64	88	91	97	74	82	83	94	67	757	88	104	102	107	401
			2023	41	72	71	88	83	95	72	79	81	103	785	72	96	104	105	377
		Res. Stu. aside from SPARK Stu. in 2017	2018	24	91	105	106	115	84	101	117	105	106	954					
		Average Change Rate:																	
from Prior Grade in 2016 to 2019 w/o SPARK																			
0.98 0.94 0.94 0.97 1.02 0.94 0.94 0.94																			
from Prior Grade in 2019 to 2020																			
0.94 0.90 0.90 0.93 0.94 0.74 0.95 0.88																			
from Prior Grade in 2020 to 2022																			
1.02 1.04 0.98 1.00 0.98 0.98 0.94 0.98																			
from Prior Grade in 2022 to 2023																			
1.11 1.00 0.91 0.98 0.97 0.96 0.98 1.10																			
Affordable to Moderate (now includes motels & hotels)		Resident Students	2016	49	182	165	144	148	131	145	114	89	105	1,272	124	113	120	104	461
			2017	43	190	176	161	142	136	128	133	104	87	1,300	95	115	97	115	422
			2018	55	191	175	166	150	139	139	116	129	105	1,365	94	86	111	96	387
			2019	38	176	177	156	129	139	120	105	105	128	1,273	107	93	75	109	384
			2020	38	156	167	166	137	127	116	95	98	104	1,204	132	97	90	80	399
			2021	24	154	139	130	143	117	117	91	86	95	1,096	109	126	106	90	431
			2022	38	151	146	132	128	135	107	88	92	91	1,108	93	115	139	110	457
			2023	71	150	151	149	125	119	138	109	97	104	1,213	104	103	126	150	483
		Res. Stu. aside from SPARK Stu. in 2017	2018	55	191	168	164	143	136	136	115	129	105	1,342					
		Average Change Rate:																	
from Prior Grade in 2016 to 2019 w/o SPARK																			
0.99 0.96 0.95 1.01																			
from Prior Grade in 2019 to 2020																			
0.93 0.99 0.96 0.96																			
from Prior Grade in 2020 to 2022																			
0.99 1.06 0.96 1.06																			
from Prior Grade in 2022 to 2023																			
1.07 1.09 1.00 1.03																			

Appendix B, Page 2 of 9, with footnotes at the bottom of the final page

Appendix B, Page 2 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Sunnyside SD Region																			
Classification of Existing Dwellings		Subject	Oct. of	CUSD Student Data								FUHSD Student Data							
Type*	Category**			TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12
ATT (cont.)	High Amenity	Resident Students	2016	9	81	73	61	68	50	73	48	43	37	543	50	36	39	41	166
		2017	17	75	80	68	57	71	47	67	49	42	573	44	46	33	37	160	
		2018	10	82	91	84	66	57	72	44	62	45	613	45	48	44	34	171	
		2019	16	72	77	87	86	60	50	59	42	55	604	47	43	50	38	178	
		2020	11	76	74	69	86	80	55	44	54	39	588	54	41	44	47	186	
		2021	7	54	66	63	59	65	71	27	38	51	501	41	57	40	54	192	
		2022	18	45	51	62	64	51	60	61	27	33	472	59	45	60	37	201	
		2023	13	62	42	51	57	56	51	52	57	31	472	46	52	47	65	210	
	Res. Stu. aside from SPARK Stu. in 2017	2018	10	82	88	83	61	57	70	44	62	45	602						
	Affordable to High Amenity (now includes motels & hotels)	Resident Students	2016	58	263	238	205	216	181	218	162	132	142	1,815	174	149	159	145	627
2017			60	265	256	229	199	207	175	200	153	129	1,873	139	161	130	152	582	
2018			65	273	266	250	216	196	211	160	191	150	1,978	139	134	155	130	558	
2019			54	248	254	243	215	199	170	164	147	183	1,877	154	136	125	147	562	
2020			49	232	241	235	223	207	171	139	152	143	1,792	186	138	134	127	585	
2021			31	208	205	193	202	182	188	118	124	146	1,597	150	183	146	144	623	
2022			56	196	197	194	192	186	167	149	119	124	1,580	152	160	199	147	658	
2023			84	212	193	200	182	175	189	161	154	135	1,685	150	155	173	215	693	
Res. Stu. aside from SPARK Stu. in 2017		2018	65	272	256	246	203	193	204	159	191	150	1,939						
All ATT Categories		Resident Students	Average Change Rate: from Prior Grade in 2016 to 2019 w/o SPARK	0.96	0.95	0.91	0.95	0.94	0.87	0.94	0.97			1.03	0.96	0.92	0.97		
	from Prior Grade in 2019 to 2020		0.97	0.93	0.92	0.96	0.86	0.82	0.93	0.97			1.02	0.90	0.99	1.02			
	from Prior Grade in 2020 to 2022		0.92	0.87	0.93	0.87	0.91	0.74	0.95	0.98			1.05	1.03	1.07	1.04			
	from Prior Grade in 2022 to 2023		0.98	1.02	0.94	0.91	1.02	0.96	1.03	1.13			1.21	1.02	1.08	1.08			
	2016		78	380	353	293	328	319	339	283	234	258	2,865	279	262	259	235	1,035	
	2017		83	363	372	342	281	310	310	318	269	226	2,874	249	265	233	254	1,001	
	2018		89	363	372	355	332	280	311	277	296	256	2,931	234	231	251	237	953	
	2019		76	354	333	341	305	311	263	263	260	283	2,789	263	232	223	241	959	
	2020	60	316	341	306	311	291	276	208	246	243	2,598	279	246	226	221	972		
	2021	44	294	290	294	273	267	271	219	190	234	2,376	248	282	243	238	1,011		
2022	73	260	285	285	289	260	249	232	213	191	2,337	240	263	300	254	1,057			
2023	125	284	264	288	265	270	261	240	235	238	2,470	222	251	277	320	1,070			
Res. Stu. aside from SPARK Stu. in 2017	2018	89	363	361	352	318	277	305	276	296	256	2,893							
Average Change Rate:	from Prior Grade in 2016 to 2019 w/o SPARK			0.96	0.94	0.92	0.92	0.96	0.96	0.89	0.94	0.96		1.01	0.96	0.93	0.99		
				0.96	0.92	0.91	0.95	0.89	0.79	0.94	0.93			0.99	0.94	0.97	0.99		
				0.94	0.92	0.94	0.91	0.93	0.82	0.94	0.98			1.02	1.04	1.03	1.05		
				1.02	1.01	0.93	0.93	1.00	0.96	1.01	1.12			1.16	1.05	1.05	1.07		

Appendix B, Page 3 of 9, with footnotes at the bottom of the final page

Appendix B, Page 3 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category <i>in the Sunnyside SD Region</i>																								
Classification of Existing Dwellings		Subject	Oct. of	CUSD Student Data										TK-8 Total					FUHSD Student Data					
Type*	Category**			TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total					9th	10th	11th	12th	9-12	
MHP	All MHP	Resident Students	2016	3	18	14	18	19	20	17	18	12	24	163	21	26	26	25	98					
			2017	2	14	18	13	17	24	21	18	22	11	160	25	20	27	26	98					
			2018	3	16	13	21	15	15	21	21	20	20	165	12	25	15	26	78					
			2019	3	9	16	15	16	14	16	19	20	22	150	18	15	26	17	76					
			2020	2	12	11	15	16	15	14	13	21	20	139	24	19	17	24	84					
			2021	0	14	12	13	15	20	14	13	13	24	138	17	25	19	14	75					
			2022	2	17	13	14	15	16	18	10	17	15	137	26	16	26	24	92					
		Res. Stu. aside from SPARK Stu. in 2017	2023	2	12	18	11	16	14	15	21	12	20	141	20	27	19	28	94					
			2018	3	16	13	20	14	15	21	21	20	20	163										
Mix Types	Most Affordable to Modest (majority of students from SFD)	Resident Students	2016	5	43	41	43	44	45	54	52	43	31	401	50	39	46	35	170					
			2017	6	40	38	39	38	40	37	48	49	40	375	37	43	43	48	171					
			2018	4	36	49	35	44	39	44	31	51	46	379	41	41	38	42	162					
			2019	5	42	34	50	35	45	39	44	30	51	375	54	50	44	43	191					
			2020	5	20	40	35	46	33	39	32	42	28	320	50	53	43	45	191					
			2021	13	30	21	37	30	43	27	29	29	40	299	37	49	44	43	173					
			2022	8	46	31	23	37	29	44	24	31	32	305	49	36	50	50	185					
		Res. Stu. aside from SPARK Stu. in 2017	2023	14	40	43	27	23	37	29	46	24	26	309	33	51	38	55	177					
			2018	4	36	47	34	43	36	43	31	51	46	371										
Moderate to Upper Incomes	(one small development) (majority of students from SFD)	Resident Students	2016	0	0	1	0	0	0	0	0	0	0	1	1	0	2	0	3					
			2017	0	0	0	1	0	0	0	0	0	0	1	1	0	0	2	3					
			2018	0	3	0	0	1	0	0	1	0	0	5	0	1	0	0	1					
			2019	0	1	4	0	1	1	0	1	1	0	9	2	0	2	0	4					
			2020	0	1	1	4	0	1	1	0	1	1	10	1	2	0	2	5					
			2021	0	3	1	0	3	0	0	1	0	1	9	2	1	2	0	5					
			2022	0	0	3	1	0	3	0	0	1	0	8	1	2	1	2	6					
		Res. Stu. aside from SPARK Stu. in 2017	2023	1	0	1	3	1	1	3	0	1	1	12	0	1	2	1	4					
			2018	0	3	0	0	1	0	0	1	0	0	5										

Appendix B, Page 4 of 9, with footnotes at the bottom of the final page

Appendix B, Page 4 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Cupertino USD Region																			
Classification of Existing Dwellings Type*	Category**	Subject	Oct. of	CUSD Student Data								FHUSD Student Data							
				TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	
SFD	Gentrifying Areas that Originally were Affordable or Modest	Resident Students	2016	14	113	116	112	122	136	128	127	128	139	1,135	149	155	157	144	605
		2017	20	105	110	111	118	118	133	119	133	132	1,099	145	157	163	147	612	
		2018	10	113	95	109	109	115	116	140	126	135	1,068	153	142	162	162	619	
		2019	14	69	125	99	119	117	122	111	140	128	1,044	137	156	138	157	588	
		2020	7	77	77	126	104	117	111	121	104	136	980	133	132	155	145	565	
		2021	7	70	74	77	120	97	118	110	109	108	890	143	127	134	145	549	
		2022	13	61	68	79	77	123	92	118	113	113	857	114	142	128	132	516	
		2023	17	47	63	70	78	73	121	83	121	116	789	116	120	137	130	503	
		Average Change Rate:																	
		from Prior Grade in 2016 to 2019																	
		from Prior Grade in 2019 to 2020																	
		from Prior Grade in 2020 to 2022																	
		from Prior Grade in 2022 to 2023																	
Originally Moderate Income		Resident Students	2016	14	103	88	82	100	109	129	117	136	127	1,005	119	121	109	108	457
		2017	8	88	112	91	86	102	107	134	115	140	983	124	118	115	111	468	
		2018	13	76	91	115	94	79	96	99	133	113	909	132	123	117	113	485	
		2019	6	70	85	100	111	92	74	108	103	134	883	117	134	124	117	492	
		2020	4	77	64	83	89	99	84	69	111	101	781	142	115	133	122	512	
		2021	7	60	76	64	81	88	98	81	71	109	735	104	136	115	131	486	
		2022	14	60	59	75	62	81	87	95	83	72	688	107	100	138	119	464	
		2023	13	54	66	59	82	64	84	80	93	77	672	77	106	98	142	423	
		Average Change Rate:																	
		from Prior Grade in 2016 to 2019																	
		from Prior Grade in 2019 to 2020																	
		from Prior Grade in 2020 to 2022																	
		from Prior Grade in 2022 to 2023																	
Originally Middle Income		Resident Students	2016	53	424	480	504	618	619	635	731	717	806	5,587	780	768	813	708	3,069
		2017	50	396	459	526	513	618	620	640	717	721	5,260	811	778	773	803	3,165	
		2018	61	397	424	492	541	526	644	631	643	721	5,080	723	813	771	760	3,067	
		2019	67	392	416	449	504	559	534	635	635	633	4,824	732	729	816	761	3,038	
		2020	47	323	421	431	453	491	560	550	630	636	4,542	626	751	722	800	2,899	
		2021	53	350	354	437	434	440	468	536	549	620	4,241	627	624	748	696	2,695	
		2022	69	325	370	380	437	454	432	479	547	555	4,048	620	633	613	732	2,598	
		2023	138	341	361	396	418	452	463	483	489	580	4,121	575	630	632	604	2,441	
		Average Change Rate:																	
		from Prior Grade in 2016 to 2019																	
		from Prior Grade in 2019 to 2020																	
		from Prior Grade in 2020 to 2022																	
		from Prior Grade in 2022 to 2023																	

Appendix B, Page 5 of 9, with footnotes at the bottom of the final page

Appendix B, Page 5 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Cupertino USD Region																		
Classification of Existing Dwellings Type*	Category**	Subject	Oct. of	CUSD Student Data								FHUSD Student Data						
				TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th
SFD Upper Middle to High Income (cont.)	Resident Students	2016	25	185	193	210	247	262	285	307	337	316	2,367	314	301	327	329	1,271
		2017	24	148	192	217	219	257	261	276	309	335	2,238	327	316	297	325	1,265
		2018	36	157	162	224	222	228	264	256	277	307	2,133	326	333	317	294	1,270
		2019	24	176	178	179	224	227	224	254	270	280	2,036	318	333	334	313	1,298
		2020	32	126	181	184	176	229	218	204	248	260	1,858	280	312	327	328	1,247
		2021	17	154	137	174	188	165	217	215	210	241	1,718	252	275	307	323	1,157
		2022	45	124	162	150	172	178	173	211	212	210	1,637	238	255	265	309	1,067
		2023	53	156	136	177	173	184	176	175	217	215	1,662	218	242	258	267	985
		Average Change Rate:																
		from Prior Grade in 2016 to 2019																
		from Prior Grade in 2019 to 2020																
		from Prior Grade in 2020 to 2022																
		from Prior Grade in 2022 to 2023																
Subtotal for All but Originally Affordable or Modest	Resident Students	2016	92	712	761	796	965	990	1049	1155	1190	1249	8,959	1213	1190	1249	1145	4,797
		2017	82	632	763	834	818	977	988	1050	1141	1196	8,481	1262	1212	1185	1239	4,898
		2018	110	630	677	831	857	833	1004	986	1053	1141	8,122	1181	1269	1205	1167	4,822
		2019	97	638	679	728	839	878	832	997	1008	1047	7,743	1167	1196	1274	1191	4,828
		2020	83	526	666	698	718	819	862	823	989	997	7,181	1048	1178	1182	1250	4,658
		2021	77	564	567	675	703	693	783	832	830	970	6,694	983	1035	1170	1150	4,338
		2022	128	509	591	605	671	713	692	785	842	837	6,373	965	988	1016	1160	4,129
		2023	204	551	563	632	673	700	723	738	799	872	6,455	870	978	988	1013	3,849
		Average Change Rate:																
		from Prior Grade in 2016 to 2019																
		from Prior Grade in 2019 to 2020																
		from Prior Grade in 2020 to 2022																
		from Prior Grade in 2022 to 2023																
All SFD Categories	Resident Students	2016	106	825	877	908	1087	1126	1177	1282	1318	1388	10,094	1362	1345	1406	1289	5,402
		2017	102	737	873	945	936	1095	1121	1169	1274	1328	9,580	1407	1369	1348	1386	5,510
		2018	120	743	772	940	966	948	1120	1126	1179	1276	9,190	1334	1411	1367	1329	5,441
		2019	111	707	804	827	958	995	954	1108	1148	1175	8,787	1304	1352	1412	1348	5,416
		2020	90	603	743	824	822	936	973	944	1093	1133	8,161	1181	1310	1337	1395	5,223
		2021	84	634	641	752	823	790	901	942	939	1078	7,584	1126	1162	1304	1295	4,887
		2022	141	570	659	684	748	836	784	903	955	950	7,230	1079	1130	1144	1292	4,645
		2023	221	598	626	702	751	773	844	821	920	988	7,244	986	1098	1125	1143	4,352
		Average Change Rate:																
		from Prior Grade in 2016 to 2019																
		from Prior Grade in 2019 to 2020																
		from Prior Grade in 2020 to 2022																
		from Prior Grade in 2022 to 2023																

Appendix B, Page 6 of 9, with footnotes at the bottom of the final page

Appendix B, Page 6 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Cupertino USD Region																				
Classification of Existing Dwellings Category**		Subject		Oct. of	CUSD Student Data										FHUSD Student Data					
Type*		TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12			
ATT	Most Affordable	Resident Students		2016	32	114	124	106	123	118	109	109	110	109	1,054	119	131	135	118	503
		2017	18	132	113	125	110	120	119	103	106	114	1,060	118	116	134	130	498		
		2018	20	114	132	111	117	99	117	122	107	118	1,057	114	121	110	136	481		
		2019	24	118	122	129	106	109	92	115	120	101	1,036	109	103	121	98	431		
		2020	27	92	116	122	122	99	100	89	110	125	1,002	101	104	103	123	431		
		2021	13	85	74	92	100	99	90	95	82	97	827	111	85	102	95	393		
		2022	25	82	79	70	89	89	109	90	81	92	806	109	129	89	116	443		
		2023	21	81	84	80	73	84	87	115	89	85	799	84	110	133	93	420		
		Average Change Rate:																		
		from Prior Grade in 2016 to 2019																		
		from Prior Grade in 2019 to 2020																		
		from Prior Grade in 2020 to 2022																		
		from Prior Grade in 2022 to 2023																		
	Affordable and Modest	Resident Students		2016	84	447	474	455	433	429	371	370	363	320	3,746	283	262	223	228	996
		2017	73	483	481	496	423	399	369	352	340	312	3,728	291	253	248	197	989		
		2018	84	462	478	466	444	364	369	328	320	308	3,623	286	276	248	232	1,042		
		2019	67	433	455	441	428	383	342	331	295	303	3,478	276	274	244	245	1,039		
		2020	66	356	400	411	403	383	352	310	298	269	3,248	274	252	237	226	989		
		2021	54	329	325	355	348	355	337	300	239	245	2,887	215	242	219	219	895		
		2022	96	277	330	326	321	315	309	285	290	224	2,773	219	192	234	213	858		
		2023	136	285	313	341	318	338	296	282	270	276	2,855	243	214	197	230	884		
		Average Change Rate:																		
		from Prior Grade in 2016 to 2019																		
		from Prior Grade in 2019 to 2020																		
		from Prior Grade in 2020 to 2022																		
		from Prior Grade in 2022 to 2023																		
	Moderate to High Amenity (including "Duets")	Resident Students		2016	50	310	375	364	355	374	337	354	388	354	3,261	296	274	269	253	1,092
		2017	46	320	327	360	363	364	363	321	338	370	3,172	350	291	278	263	1,182		
		2018	48	300	327	320	352	354	344	339	301	312	2,997	331	341	285	275	1,232		
		2019	52	263	306	332	312	351	337	331	339	282	2,905	284	319	335	275	1,213		
		2020	51	245	272	289	314	283	331	297	313	319	2,714	253	276	313	327	1,169		
		2021	46	229	235	231	246	267	250	289	256	273	2,322	277	251	273	307	1,108		
		2022	60	209	237	220	223	240	256	249	270	233	2,197	260	277	269	268	1,074		
		2023	91	216	216	241	228	221	228	258	257	260	2,216	216	268	266	264	1,014		
		Average Change Rate:																		
		from Prior Grade in 2016 to 2019																		
		from Prior Grade in 2019 to 2020																		
		from Prior Grade in 2020 to 2022																		
		from Prior Grade in 2022 to 2023																		

Appendix B, Page 7 of 9, with footnotes at the bottom of the final page

Appendix B, Page 7 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) by Category in the Cupertino USD Region																				
Classification of Existing Dwellings Category**			Subject		Oct. of		CUSD Student Data								FUHSD Student Data					
Type*			TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12		
ATT Subtotal for All but (cont.) Most Affordable	Resident Students	2016	134	757	849	819	788	803	708	724	751	674	7,007	579	536	492	481	2,088		
		2017	119	803	808	856	786	763	732	673	678	682	6,900	641	544	526	460	2,171		
		2018	132	762	805	786	796	718	713	667	621	620	6,620	617	617	533	507	2,274		
		2019	119	696	761	773	740	734	679	662	634	585	6,383	560	593	579	520	2,252		
		2020	117	601	672	700	717	666	683	607	611	588	5,962	527	528	550	553	2,158		
		2021	100	558	560	586	594	622	587	589	495	518	5,209	492	493	492	526	2,003		
		2022	156	486	567	546	544	555	565	534	560	457	4,970	479	469	503	481	1,932		
		2023	227	501	529	582	546	559	524	540	527	536	5,071	459	482	463	494	1,898		
	Average Change Rate:																			
	from Prior Grade in 2016 to 2019		1.02 0.98 0.94 0.93 0.93 0.93 0.93 0.94 0.94 0.92																	
from Prior Grade in 2019 to 2020		0.97 0.92 0.93 0.90 0.93 0.89 0.92 0.93																		
from Prior Grade in 2020 to 2022		0.97 0.92 0.89 0.90 0.89 0.89 0.88 0.89																		
from Prior Grade in 2022 to 2023		1.09 1.03 1.00 1.03 0.94 0.96 0.99 0.96																		
All ATT Categories																				
Resident Students	2016	166	871	973	925	911	921	817	833	861	783	8,061	698	667	627	599	2,591			
	2017	137	935	921	981	896	883	851	776	784	796	7,960	759	660	660	590	2,669			
	2018	152	876	937	897	913	817	830	789	728	738	7,677	731	738	643	643	2,755			
	2019	143	814	883	902	846	843	771	777	754	686	7,419	669	696	700	618	2,683			
	2020	144	693	788	822	839	765	783	696	721	713	6,964	628	632	653	676	2,589			
	2021	113	643	634	678	694	721	677	684	577	615	6,036	603	578	594	621	2,396			
	2022	181	568	646	616	633	644	674	624	641	549	5,776	588	598	592	597	2,375			
	2023	248	582	613	662	619	643	611	655	616	621	5,870	543	592	596	587	2,318			
	Average Change Rate:																			
	from Prior Grade in 2016 to 2019		1.02 0.98 0.95 0.93 0.93 0.94 0.94 0.94 0.94																	
from Prior Grade in 2019 to 2020		0.97 0.93 0.93 0.90 0.93 0.90 0.93 0.95																		
from Prior Grade in 2020 to 2022		0.96 0.92 0.89 0.89 0.91 0.90 0.88 0.90																		
from Prior Grade in 2022 to 2023		1.08 1.02 1.00 1.02 0.95 0.97 0.99 0.97																		
MIX Areas with Thorough Mix of Housing Types and Values	Resident Students	2016	0	18	16	10	24	15	25	15	23	16	162	15	26	20	14	75		
		2017	2	14	17	18	11	26	15	21	13	22	159	18	16	25	20	79		
		2018	2	6	18	20	16	14	23	16	22	15	152	24	22	16	26	88		
		2019	4	15	8	19	16	13	15	20	18	20	148	17	25	20	16	78		
		2020	0	12	15	8	20	18	11	14	19	17	134	19	16	25	20	80		
		2021	1	6	13	12	7	20	19	12	13	22	125	16	18	16	27	77		
		2022	3	10	6	12	8	7	20	22	13	16	117	18	16	21	16	71		
		2023	3	12	11	6	11	5	6	19	18	15	106	16	19	18	20	73		
Appendix B, Page 8 of 9, with footnotes at the bottom of the final page																				

Appendix B, Page 8 of 9, with footnotes at the bottom of the final page

Appendix B: Detail for Tables 5 and 6 on Resident Student Population Trends and Grade-to-Grade Advancement Rates from "Existing Housing" (areas with virtually no net additional units since September 2015) in Each of the Sunnyvale SD and Cupertino USD Regions																			
ESD Region	Housing Type	Subject	Oct. of	Student Data in the Relevant ESD										FUSD Student Data					
				TK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	TK-8 Total	9th	10th	11th	12th	9-12
SSD	All Areas of Almost Solely Existing Housing since 2015 (incl. a few students each year from motels, hotels and isolated residences, such as in public storage facilities, in mainly non-residential areas)	Resident Students	2016	125	765	715	705	761	697	758	693	580	625	6,424	671	652	677	634	2,634
		2017	136	764	756	699	689	737	673	710	673	566	6,403	674	639	624	670	2,607	
		2018	146	739	784	742	688	681	730	624	680	657	6,471	616	648	619	614	2,497	
		2019	134	742	695	733	689	655	627	627	602	658	6,162	688	629	650	612	2,579	
		2020	107	610	698	650	672	660	592	512	584	578	5,663	668	663	617	636	2,584	
		2021	76	579	590	624	580	605	607	473	482	561	5,177	616	681	641	627	2,565	
		2022	135	567	580	590	620	561	581	517	466	481	5,098	593	631	694	661	2,579	
		2023	208	552	581	577	578	599	548	569	532	504	5,248	560	624	653	717	2,554	
		Res. Stu. aside from SPARK Stu. in 2017	2018	146	740	766	731	668	671	719	620	680	657	6,398					
		Average Change Rate:																	
CUSD	All Areas of Almost Solely Existing Housing since 2015 (incl. a few students each year from motels, hotels and isolated residences, such as in public storage facilities, in mainly non-residential areas)	Resident Students	2016	272	1714	1867	1843	2022	2062	2019	2130	2202	2187	18,318	2075	2038	2053	1902	8,068
		2017	241	1686	1811	1945	1843	2004	1987	1966	2071	2146	17,700	2185	2045	2034	1996	8,260	
		2018	274	1625	1729	1858	1895	1779	1973	1931	1929	2029	17,022	2089	2172	2026	1998	8,285	
		2019	260	1536	1696	1748	1820	1851	1740	1906	1920	1881	16,358	1994	2073	2133	1982	8,182	
		2020	234	1309	1546	1655	1681	1719	1767	1654	1833	1863	15,261	1828	1959	2016	2092	7,895	
		2021	198	1283	1288	1442	1525	1531	1598	1638	1529	1715	13,747	1746	1759	1915	1943	7,363	
		2022	326	1148	1311	1312	1389	1488	1479	1550	1610	1515	13,128	1685	1745	1758	1906	7,094	
		2023	472	1193	1250	1370	1381	1421	1462	1495	1555	1625	13,224	1550	1709	1743	1753	6,755	
		Average Change Rate:																	
		from Prior Grade in 2016 to 2019		1.04	1.03	0.98	0.98	0.98	0.98	0.97	0.98	0.98		0.99	0.99	0.99	0.98		
from Prior Grade in 2019 to 2020		1.01	0.98	0.96	0.94	0.95	0.95	0.95	0.96	0.97		0.97	0.98	0.97	0.98				
from Prior Grade in 2020 to 2022		1.00	0.98	0.94	0.94	0.94	0.95	0.95	0.95	0.96		0.96	0.98	0.99	0.98				
from Prior Grade in 2022 to 2023		1.09	1.05	1.05	1.02	0.98	1.01	1.00	1.01	1.01		1.02	1.01	1.00	1.00				
** "SFD" = Single Family Detached homes; "ATT" = Attached, for apartment, condo, townhouse and plex units; "MHP" = Mobile Home Parks																			
** Categories are subjective assignments by EPC of the dominant housing situation in each planning area; some areas may have small percentages of other categories.																			
Notes: (1) The rates shown are actual calculated rates. These have been modified where warranted in the projections. (2) The County Assessor's Office recently identified three islands in the CUSD region as being part of the SSD. The most significant of these is by the east side of Hollenbeck Ave. north of Homestead Rd. We are assigning students in these islands as resident to the district they are enrolled in.																			
Appendix B, page 9 of 9																			