



Study Session Agenda

September 20, 2018

5:30 p.m.

1. Enrollment Update and Planning for Elementary Classroom Capacity

Marla S. Miller, Deputy Superintendent

[Enrollment & Elementary Classroom Capacity \(Study Session 9.20.18\).pdf](#) (p. 2)

[Shoreline Forecast Update_Summer_2018.pdf](#) (p. 15)

2. Adjournment: _____ p.m.



ENROLLMENT UPDATE AND PLANNING FOR ELEMENTARY CLASSROOM CAPACITY

Shoreline School District No. 412
School Board Study Session
September 20, 2018



Today's Topics:

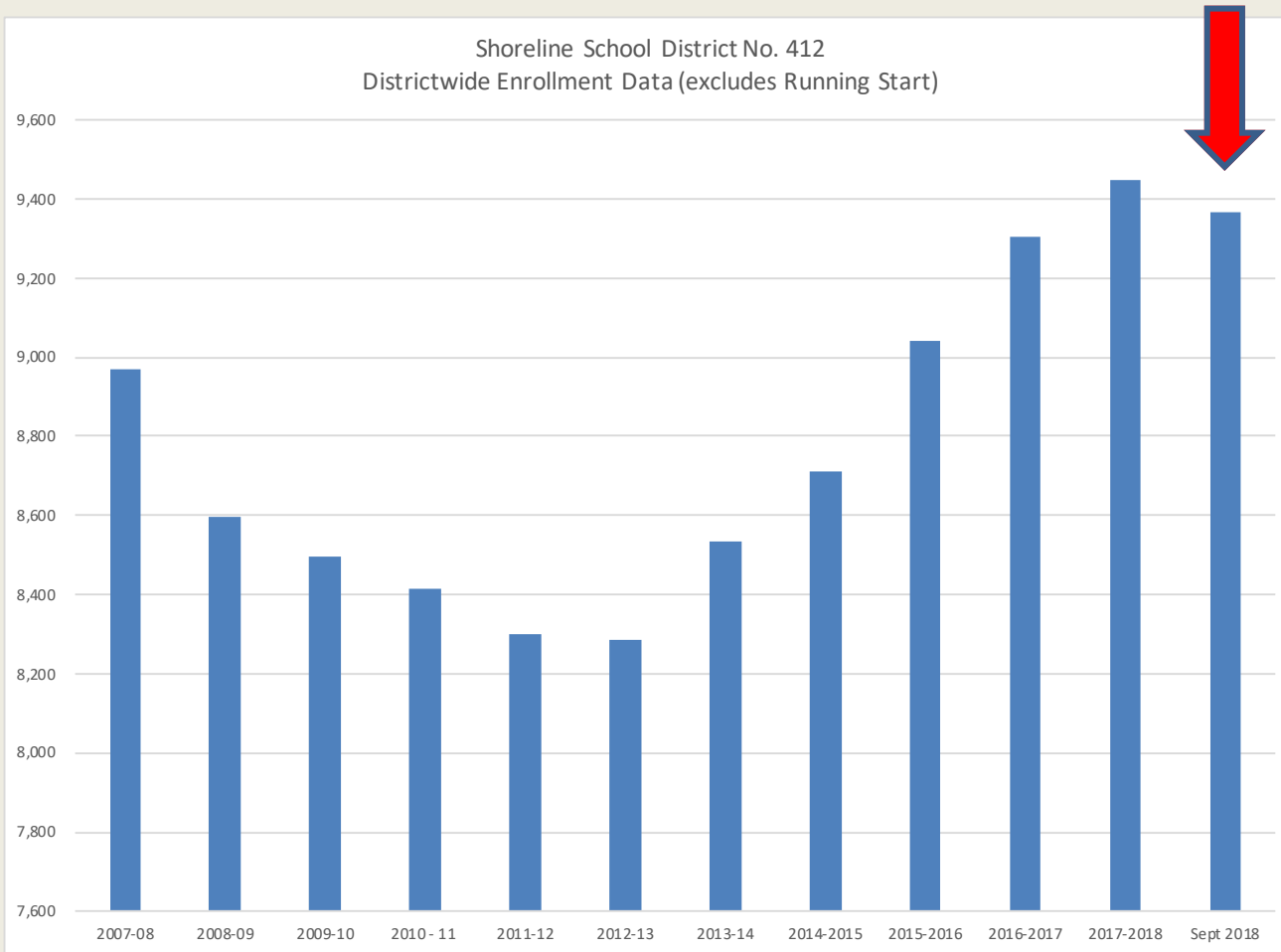
ENROLLMENT:

- 2018-2019 Enrollment Update
- Updated Long-Range Enrollment Forecast
- What does it all mean?

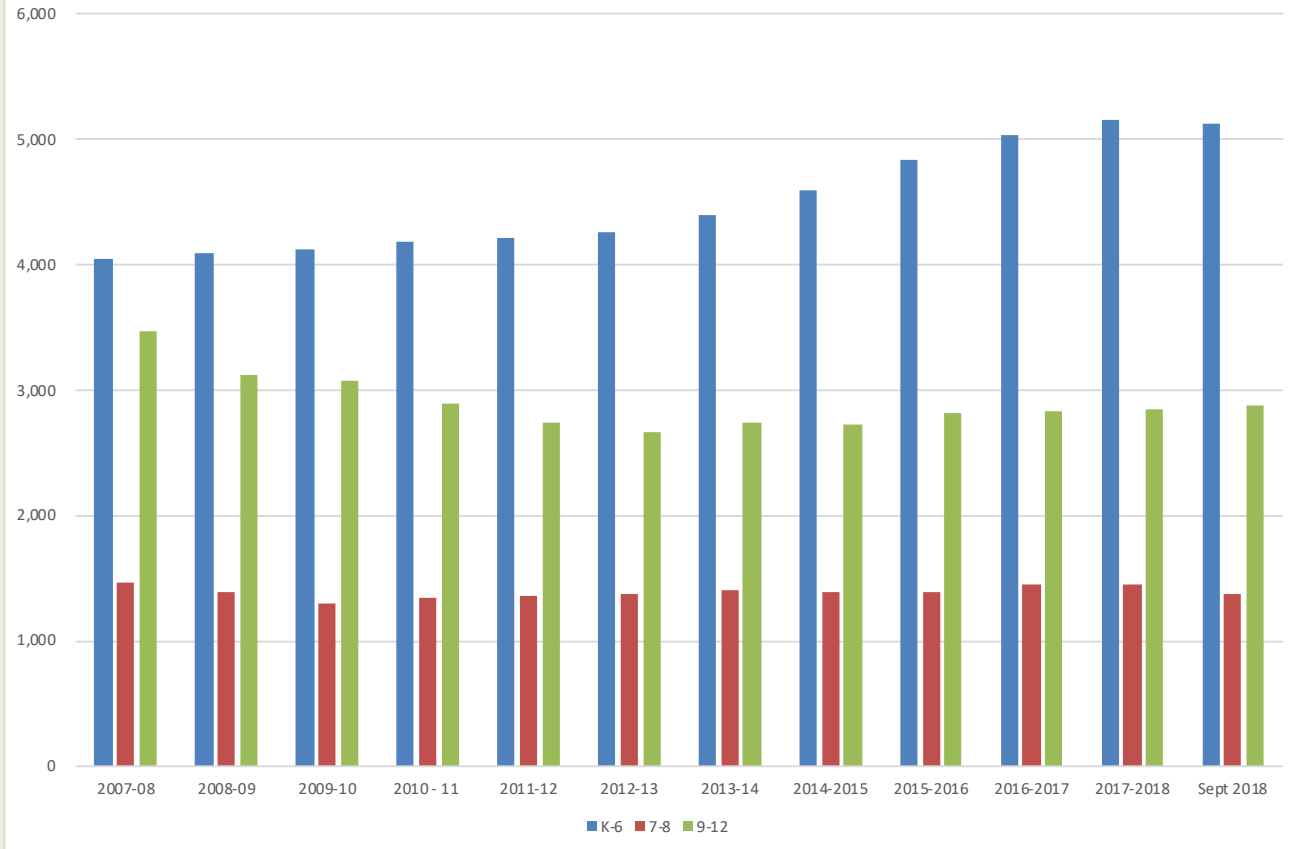
ELEMENTARY CAPACITY PLANNING:

- Planning for Enrollment & K-3 Class Size Reduction
- Options for Use of Additional Elementary Classrooms

Shoreline School District No. 412
Districtwide Enrollment Data (excludes Running Start)



Shoreline School District No. 412
 Enrollment by Level (excludes Running Start)



CURRENT ENROLLMENT

2018-2019:

- 4th Day Count = 227.75 fte below projections
 - K-6 = <119.68>
 - 7-8 = < 38.00>
 - 9-12 = < 70.07>
- Projected K-12: 9593
- Actual K-12: 9365.25
- Based on increased 2018-2019 State funding, each FTE @\$10,000

What does it mean?

- Need to respond, not panic
- **Revenues** will be @ \$2.25 million below budget
- We need to ensure **Expenditures** are below budget as well
 - *Verify that staffing is based on actual student FTE, not projected FTE*
 - *Not fill vacant positions unless they are essential*
 - *Consider additional reductions as necessary (i.e., carryovers, non-contractual allocations)*

LONG-RANGE ENROLLMENT FORECAST

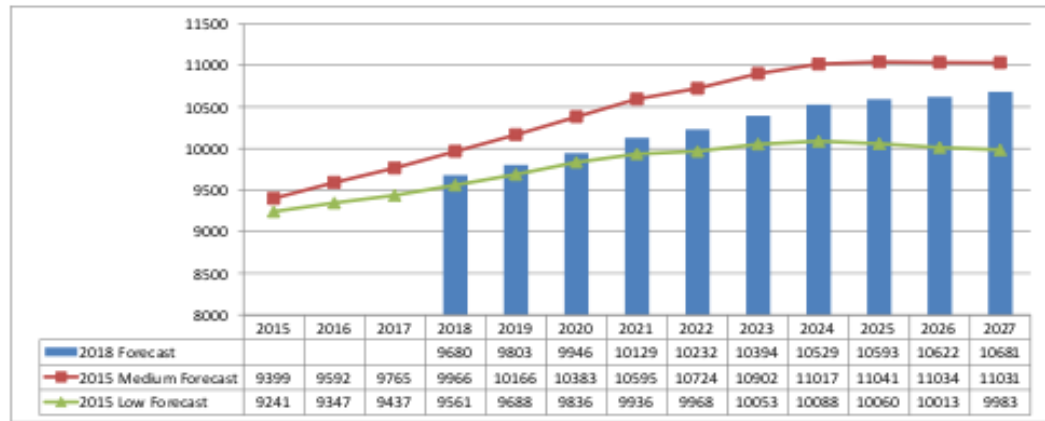
Shoreline's enrollment forecast

- Methodology automatically adjusts next year's projection based on this year's actual enrollment
- Our "6-year weighted average" forecast model will more heavily weight the 2018-2019 data than prior years
- Adjustment occurs grade level by grade level
- District can adjust model to be more conservative in coming year(s)

Demographer's updated forecast

- Completed in August 2018, prior to 4th Day Count
- Projects future enrollment between "Low" and "Middle" range forecasts compared to June 2015 analysis
- Presents a school-by-school forecast to assist with determining highest/best use of elementary classroom capacity beginning in 2019-2020

Figure 1 (Comparison of Forecasts --- October Headcount)



QUESTIONS/DISCUSSION

ELEMENTARY CLASSROOM PLANNING

STATE'S K-3 CLASS SIZE REDUCTION FUNDING

- Becomes “use it or lose it” in 2019-2020
- 2019-2020 projected revenue = \$29.6 million
- District plans to meet State’s targets:
 - *Began K class size reduction in 2018-2019*
 - *Plan to meet targets in K-2 in 2019-2020*
 - *Plan to meet targets in K-3 by 2020-2021*

CAPACITY PLANNING CONSIDERATIONS

2019-2020

- *PARKWOOD ELEMENTARY OPENS*
- *NORTH CITY ELEMENTARY BECOMES FULLY AVAILABLE*

2020-2021

- *NEW 6 – 8 EINSTEIN AND KELLOGG MIDDLE SCHOOLS OPEN*
- *6TH GRADES MOVE TO MIDDLE SCHOOLS*
 - ❖ *Every Elementary School Gains 6th Grade Classrooms/Space*

OPTIONS FOR USE OF NORTH CITY ELEMENTARY CLASSROOMS

1) NEIGHBORHOOD SCHOOL?

- *Adjust boundaries to create new “neighborhood” boundary area*
- *Consider which grade levels to include, in light of 6th grade move to middle schools in 2020-2021*
- *Potential impacts on adjacent neighborhood schools*

2) LOCATION FOR “MAGNET” PROGRAMS?

- *No boundary adjustments*
- *Can we ensure appropriate opportunities for peer interactions?*
- *Are there operational considerations? (Administration, transportation/food service, support services)*

OPTIONS FOR USE OF NORTH CITY ELEMENTARY CLASSROOMS (continued)

- 3) MIXTURE OF GRADE-LEVEL CLASSROOMS AND MAGNET PROGRAMS?
 - Assist with overcrowding at adjacent schools and provide some capacity for class size reduction
 - Use “Grow Slow” model for bringing grade levels to neighborhood school?

- 4) ARE THERE OTHER OPTIONS YOU WOULD LIKE US TO CONSIDER, OR ADDITIONAL DATA THAT WOULD BE HELPFUL?

QUESTIONS/DISCUSSION

Thank you!

Shoreline Forecast Update

W. Les Kendrick

Educational Data Solutions, LLC

August 2018

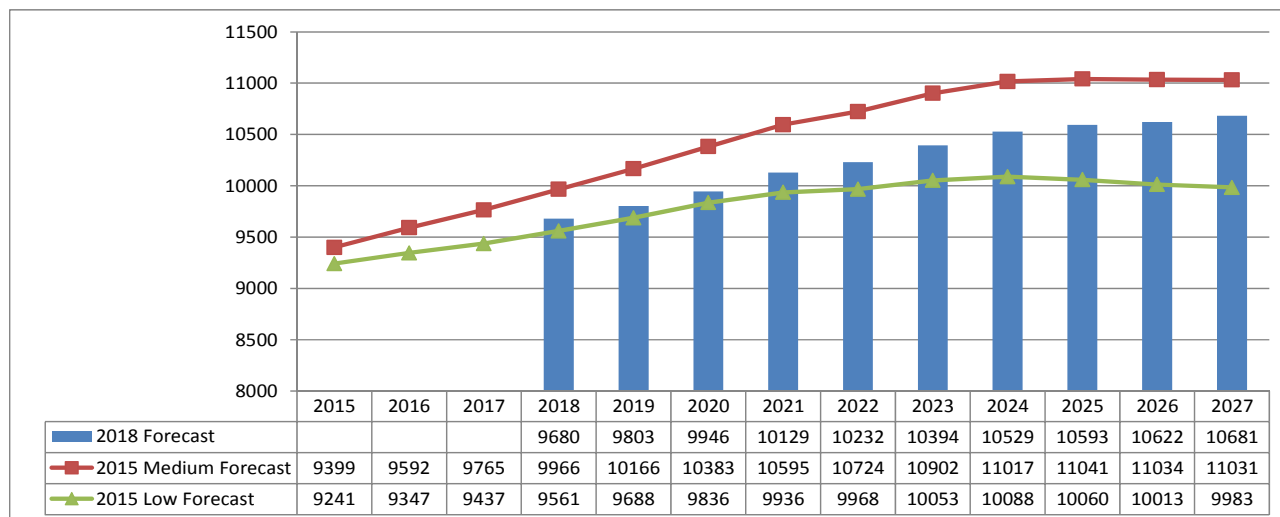
The Shoreline School District is currently looking at several options for addressing space issues in the District over the next several years. The present brief report provides an update of the projection work that was completed in 2015. The present document is focused on an update of the District and elementary forecasts in order to help the District with key decisions regarding elementary space.

District Forecast

The recommended medium range forecast completed in 2015 was updated with the latest enrollment, birth, and housing data. Enrollment in King County and the Puget Sound generally has been growing rapidly since 2010, primarily due to the larger birth cohorts that began entering the schools in 2011 and the strong Seattle area economy that has brought many new residents into the region. Over the past year, however, there have been signs that growth is slowing. The population growth in King County, while still strong has slowed over the past year compared to the previous two years. Population growth in the City of Seattle specifically showed a distinct slow down over the past year compared to the previous three years (State population estimates). Home sales in the Shoreline School District and the County have also slowed some, when compared to the previous three years. The rapid increase in home prices over the past five years may be a factor in the recent sales slowdown, limiting the number of families that can afford a home in areas in and around Seattle. We cannot be sure if we are at the beginning of a slower enrollment growth trend (compared to the period between 2010 and 2016) or whether this is simply the normal variation that we see in an otherwise strong upward trend.

We should note, also, that enrollment growth in Shoreline has been trending below the medium range recommended forecast from 2015 and above the low range forecast from the same report. We have updated the forecast to reflect current home sales information, the latest birth data and the recent enrollment trends (Figure 1). Based on this information we are predicting a lower growth trend than what we predicted in 2015. The current model assumes that the District's share of the County kindergarten population will remain about the same as we predicted in the 2015 model. At the continuing grades we are assuming that the net gains and losses will align reasonably well with the average net gains and losses that we have seen over the past decade at each grade. We are also continuing to see the development of multi-family housing that is impacting the District's enrollment in selected areas. We expect the District's enrollment to continue growing over the next decade due to large birth cohorts continuing to enter at kindergarten and continuing net gains at the other grades due to population and housing growth within the District boundary area. Our updated forecast is lower than the medium range forecast completed in 2015 but still higher than the low range forecast from that same period.

Figure 1 (Comparison of Forecasts --- October Headcount)



Area and School Forecasts

In addition to updating the District forecast we also did an update of the elementary school forecasts completed in 2015 and added an update of projected enrollment by elementary attendance area. The latter was particularly important for helping the District make decisions about boundary adjustments related to the opening of a new elementary school.

Methodology for School Attendance Area Forecasts

In an ideal world, facility planning is based on where students live rather than where they attend school. Students may attend schools outside of their normal school attendance area due to programs, due to parent preference, or due to space limitations at the neighborhood school. In general, facilities should be built to accommodate the number of students living in a particular area, even if some of those students choose to attend elsewhere. This insures that District buildings can accommodate all of the students living in a particular area if necessary.

We know that for any area there will be a net gain and loss of students over the course of the year due to movement into and out of the neighborhood. In an ideal world we would compare data for multiple years to see the average net gain or loss at particular grades in particular areas due to family mobility. We would then apply these averages to the current year enrollment by attendance area and grade to project enrollment in the coming years (see Table 1 for an example). This type of data, however, was not immediately available from the District so we had to use a different methodology for predicting the number of students we might expect to enroll from each attendance area.

Table 1 (Calculating Average Net Change Due to Movement In and Out of Neighborhood)

Area #1	Grade	Area Enrollment			3 Year Average				
		2015	2016	Net Change	2017	Net Change	2018	Net Change	
	K	92	85		86		88		
	1	71	93	101.1%	83	97.6%	89	103.5%	100.7%
	2	93	75	105.6%	92	98.9%	80	96.4%	100.3%
	3	95	89	95.7%	73	97.3%	90	97.8%	97.0%
	4	67	94	98.9%	80	89.9%	70	95.9%	94.9%
	5	88	61	91.0%	90	95.7%	77	96.3%	94.3%
	6	71	84	95.5%	60	98.4%	87	96.7%	96.8%
									Gr K-1
									Gr 1-2
									Gr 2-3
									Gr 3-4
									Gr 4-5
									Gr 5-6

In order to predict enrollment by attendance area we obtained data from the District transportation department showing how many students live in each elementary attendance area by grade. At the kindergarten level we projected enrollment based on each school’s average share of the District kindergarten population over the past eight years. We used a period of eight years because it reflects both low and high years for kindergarten enrollment. There can be large swings in the kindergarten population from year to year and we wanted to get an average that takes account of both low and high years in the historical data. This gives us a better sense of what the average kindergarten population is for a particular area even though it may be higher or lower than that average in a given year. We also obtained data from the transportation department showing how many students were attending a kindergarten outside of their area for space or program reasons in the past year. This allowed us to adjust the numbers at schools where there were currently no kindergarten kids (due to space limitations) or more than usual the number (due to students being enrolled from other schools that did not have sufficient space). We plugged these numbers in for the kindergarten projection in each elementary attendance area.

At the other grades we took the current year population and rolled them up to the next grade. The numbers for kindergarten and other grades were then adjusted for any projected growth in new housing over the next decade. Finally, the numbers were adjusted to balance to the District medium range projection completed earlier.

As previously noted there are likely to be some net gains or losses at particular grades in particular areas due to families moving in and out. In future years it may be helpful to obtain annual data on the number of students living in each attendance area by grade level so we can look at mobility at each grade over time and use these averages to increase the accuracy of future forecasts. Ideally this snapshot would be from the same month each year (e.g. October 2016, October 2017, and October 2018). At a minimum four years of data is necessary to do this type of projection.

School Forecasts

We also completed school forecasts based on the assumption that current programs and waivers would remain stable. At the kindergarten level we used the same methodology as we did for the resident area forecasts with some minor adjustments based on the fact that some students will attend alternative schools and programs in the District. We know that a number of students are currently attending kindergarten at schools outside of their neighborhood due to space limitations. **For these forecasts, however, we assumed that most of the students would attend their neighborhood school.**

At the continuing grades we looked at the average net gain or loss as students roll up from one grade to the next. The average net gain at each grade over the past eight years was applied to the current year enrollment to predict the future enrollment at each grade. The final numbers were adjusted for projected changes in growth due to new housing over the next decade and balanced to the District medium range projection.

Grade Configuration Changes and Secondary.

We did not do an update of the secondary projections completed in 2015, but we did assume a change in grade configuration starting in 2020. Beginning with the 2020 school year we eliminated the sixth grade enrollment from each attendance area and school projection showing what enrollment would like when the District goes to a K-5 grade configuration. We also added the sixth grade students to our previous secondary projections and updated those to align with the updated District forecast by grade level. Other than this adjustment we did not revisit the secondary projections from 2015.

Final Considerations

The updated projections provided in this document are designed to help the District with current planning decisions. We did not do a complete demographic analysis for the District, nor did we do an extensive comparison of Shoreline's enrollment and demographic trends compared to the rest of the County (as we typically do). And, as noted earlier, there are some limitations to the resident area enrollment forecast methodology used in our analysis. In spite of these limitations the update of the District projection and the alignment of attendance area and school projections to that updated forecast give us confidence that these projections provide a reasonable view of the near future. School and attendance area projections are notoriously unreliable beyond a few years, however, so the District may want to do an update in the future as part of a planning process..

There are also other trends that should be kept in mind in the planning process. Future plans call for the light rail train line to reach the Shoreline area over the next decade. The housing situation is also changing. Some single family developments are being torn down and replaced with multiple single family units, creating greater density. There are also plans for multi-family developments near the light rail lines and additional multi-family developments in other parts of the District. As a general rule, Districts see the most enrollment growth from single family homes and lesser growth from multi-family units (unless those units are built specifically for families with children and have two or more bedrooms). It is possible that cost of living in the Seattle area will lead some families to make different decisions about housing in the future, opting for multi-family dwellings near transportation and jobs versus the typical single family home which is substantially more expensive. We do not yet know what the impacts of these changes might be on the District's enrollment. It is recommended that the District do an update of the current forecasts in future years once grade configuration changes and changes to current facilities are in place.

Attendance Area Projections

		<i>Projections for Fall</i>										
School	Grade	Summer 2018	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Briarcrest	0	92	86	84	84	84	84	84	84	84	85	85
	1	71	92	87	85	86	85	85	85	86	86	86
	2	93	76	96	91	89	89	88	88	88	88	88
	3	95	91	77	96	92	90	90	88	88	88	88
	4	67	94	88	74	94	90	87	87	86	86	85
	5	88	71	94	88	75	95	90	87	87	86	86
	6	71	89	73								
			577	601	599	519	519	533	525	520	519	518
Brookside	0	52	70	68	68	68	68	69	69	69	69	70
	1	82	52	71	69	69	70	70	70	70	70	70
	2	66	88	54	74	72	72	72	72	72	72	72
	3	90	65	88	54	74	72	73	72	72	72	72
	4	65	89	63	86	53	73	70	70	70	70	70
	5	62	69	89	63	86	53	73	70	70	70	70
	6	63	63	71								
			480	496	503	413	423	409	426	423	423	423
Echo Lake	0	85	75	73	73	73	73	73	73	74	74	74
	1	67	86	77	75	75	74	75	74	75	75	75
	2	87	73	90	81	78	78	77	77	76	76	76
	3	71	86	74	91	82	79	78	77	77	76	76
	4	80	71	84	72	89	80	77	76	75	75	74
	5	76	86	72	85	73	90	80	77	76	75	75
	6	89	77	88								
			555	555	558	478	470	474	460	454	452	451
Highland Terrace	0	57	75	73	73	74	74	74	74	74	75	75
	1	67	57	76	74	75	75	75	75	75	76	76
	2	67	72	59	79	77	78	78	78	77	77	77
	3	62	66	72	60	80	78	78	78	78	77	77
	4	60	62	64	70	58	78	76	76	76	76	75
	5	71	64	61	64	70	59	78	76	76	76	75
	6	50	72	65								
			434	467	471	420	435	442	460	457	456	456

Attendance Area Projections

Projections for Fall

School	Grade	Summer 2018	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Lake Forest Park	0	94	88	86	86	87	87	87	87	88	88	89
	1	84	94	90	87	88	89	89	88	89	89	89
	2	82	90	98	93	91	92	92	91	91	91	91
	3	96	81	91	98	94	92	92	92	91	91	91
	4	84	95	78	88	96	92	89	89	89	89	89
	5	93	89	95	78	88	97	92	89	89	89	89
	6	88	94	91								
		621	632	628	531	544	548	541	537	537	537	537
Meridian Park	0	78	71	69	69	69	69	69	69	70	70	70
	1	61	78	71	69	70	70	70	70	70	71	71
	2	60	66	81	74	73	73	73	72	72	72	72
	3	63	59	66	82	75	73	73	73	72	72	72
	4	74	63	57	64	80	73	71	71	71	71	70
	5	69	79	62	57	64	80	73	71	71	71	70
	6	50	70	80								
		455	484	487	415	430	439	431	427	427	426	427
Parkwood	0	68	80	79	79	79	78	78	78	78	79	79
	1	76	70	83	82	81	81	82	82	82	82	83
	2	65	84	76	87	86	84	87	88	87	87	88
	3	52	66	88	77	88	87	88	90	91	90	90
	4	73	54	67	85	75	86	87	88	91	92	91
	5	70	80	57	67	85	75	89	90	91	93	94
	6	69	73	85								
		473	508	534	476	494	490	511	516	520	524	526
Ridgecrest	0	101	88	80	79	79	79	79	79	79	79	79
	1	87	105	93	85	81	80	80	83	83	84	83
	2	98	98	113	101	89	84	83	86	89	89	89
	3	81	100	102	118	102	89	85	86	89	92	92
	4	84	84	100	103	115	99	87	85	87	90	92
	5	82	93	88	104	103	115	100	90	88	90	93
	6	79	86	99								
		612	655	675	589	568	548	514	509	515	522	528
Syre	0	59	73	71	71	71	72	72	72	72	73	73
	1	67	59	74	72	73	73	73	73	73	73	74
	2	86	72	61	77	75	76	76	75	75	75	75
	3	77	85	72	62	78	76	76	76	75	75	75
	4	78	77	82	70	60	76	74	74	74	73	73
	5	79	83	76	82	70	61	76	74	73	73	73
	6	90	80	85								
		536	528	521	433	427	432	446	443	442	442	443
Out of District	0	27	27	26	26	25	27	27	27	27	27	27
	1	45	47	48	46	46	45	45	45	46	46	47
	2	32	35	37	40	39	41	41	43	44	46	47
	3	39	39	44	47	50	50	53	53	55	57	59
	4	73	75	70	77	80	83	81	83	81	82	82
	5	78	87	83	78	86	90	94	92	93	91	91
	6	65	71	81								
		359	381	391	314	327	336	341	342	346	349	354

School Projections

Kindergarten projections assume most students will attend the neighborhood school

School	Grade	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Briarcrest	0	85	82	82	81	82	82	82	83	83	84
	1	83	87	85	84	84	84	84	84	85	85
	2	89	84	89	85	85	84	85	85	85	86
	3	85	89	84	88	85	85	84	85	85	85
	4	57	85	89	83	87	84	84	84	84	84
	5	90	57	84	88	82	86	84	83	83	83
	6	49	88								
		539	574	513	510	505	506	503	503	505	507
Brookside	0	69	66	66	67	67	67	67	67	68	68
	1	70	72	70	70	71	71	71	71	72	72
	2	68	73	76	74	74	75	75	75	76	76
	3	91	71	76	79	77	78	78	78	79	79
	4	76	93	72	77	81	79	80	81	81	81
	5	70	77	94	73	79	83	81	81	82	82
	6	74	72								
		519	524	454	440	449	452	452	454	456	458
Echo Lake	0	74	72	72	71	71	72	72	72	72	73
	1	74	78	75	74	74	74	74	75	75	75
	2	70	75	79	75	75	74	75	75	75	76
	3	66	72	77	80	77	76	76	76	76	77
	4	70	66	72	77	80	77	76	76	76	77
	5	71	70	67	72	77	80	77	76	76	76
	6	87	73								
		513	505	441	449	453	453	450	450	451	453
Highland Terrace	0	74	72	72	72	72	72	73	73	73	74
	1	72	75	73	73	73	73	74	74	74	75
	2	64	72	75	73	74	74	74	75	75	75
	3	66	64	71	75	73	74	74	74	75	75
	4	84	66	63	71	75	73	73	74	74	75
	5	92	83	65	63	71	74	73	73	74	74
	6	72	90								
		525	521	419	426	437	441	441	443	445	447

School Projections

Kindergarten projections assume most students will attend the neighborhood school

School	Grade	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Lake Forest Park	0	87	84	84	84	85	85	85	86	86	87
	1	81	91	88	88	89	89	89	89	90	90
	2	81	82	92	89	89	90	90	91	91	91
	3	85	81	82	93	90	91	91	92	92	93
	4	83	84	81	82	93	91	91	92	92	92
	5	90	82	83	80	81	92	90	90	91	91
	6	86	89								
		593	593	510	516	527	537	537	540	542	545
Meridian Park	0	69	67	67	67	67	68	68	68	68	69
	1	80	73	70	70	70	71	71	71	72	72
	2	80	87	78	76	76	76	77	77	77	78
	3	86	85	92	84	82	82	82	82	83	83
	4	112	90	90	97	89	86	86	87	87	88
	5	107	117	95	95	103	94	91	91	92	92
	6	96	111								
		631	630	492	489	487	477	475	477	479	481
Parkwood	0	79	77	77	77	76	76	76	76	77	77
	1	68	79	78	78	77	75	75	76	76	76
	2	64	69	80	79	77	75	74	74	75	75
	3	55	64	69	80	77	76	74	73	73	74
	4	75	56	65	70	78	76	75	73	72	72
	5	65	74	55	64	67	75	73	72	71	69
	6	69	65								
		474	483	424	448	452	454	448	444	443	444
Ridgecrest	0	87	78	77	77	77	77	77	78	77	78
	1	92	99	89	87	86	87	87	87	87	86
	2	106	103	109	98	96	95	96	96	96	95
	3	92	118	113	120	108	106	105	106	105	105
	4	101	102	128	122	130	117	115	114	114	113
	5	93	111	110	137	132	140	126	124	123	122
	6	109	102								
		682	713	627	641	629	622	607	606	602	599
Syre	0	72	69	69	70	70	70	70	71	71	71
	1	78	76	74	74	75	75	75	75	76	76
	2	87	79	77	75	76	76	76	77	77	77
	3	71	89	80	79	77	78	78	79	79	79
	4	72	72	90	81	80	78	79	80	80	80
	5	88	72	72	90	81	81	79	79	81	80
	6	86	89								
		555	546	462	469	459	458	458	460	463	465
Alternative Schools	0	37	40	40	43	42	43	43	43	43	43
	1	43	41	44	44	45	46	45	46	46	46
	2	44	44	41	44	45	46	47	46	47	47
	3	39	40	40	38	41	41	43	42	42	42
	4	34	39	38	39	37	39	40	39	43	41
	5	35	36	41	41	41	40	41	44	41	45
	6	45	40								
		278	279	245	248	252	256	259	259	261	264

District Forecast Updated

Shoreline Forecast (Updated)															
<i>Projected Births (Updated with Latest Data)</i>															
	2010	2011	2012		2013	2014		2015	2016	2017	2018	2019	2020	2021	2022
County Births	24,514	24630	25032	County Births	24910	25,348		25,487	26,011	26,529	26,620	26,724	26,840	27,010	27,192
% of Cohort	2.73%	2.89%	2.82%	% of Cohort	2.95%	2.80%		2.78%	2.72%	2.68%	2.67%	2.67%	2.67%	2.66%	2.66%
<i>Projected Births</i>															
Births Shoreline	497	526	532	Births Shoreline	572	561		564	575	587	589	591	594	598	602
Births LFP	94	106	81	Births LFP	85	94		94	96	98	98	99	99	100	101
Total	591	632	613	Total	657	655		658	672	685	687	690	693	697	702
<i>Enrollment</i>															
			<i>Updated Projection</i>												
	Oct15	Oct16	Oct17		Oct18	Oct19		Oct20	Oct21	Oct22	Oct23	Oct24	Oct25	Oct26	Oct27
K	670	711	706	K	734	709		708	708	710	712	714	715	719	723
1	734	696	730	1	742	771		745	743	743	745	747	749	751	755
2	751	759	720	2	754	766		797	769	767	767	769	771	773	775
3	760	762	750	3	738	773		785	815	787	785	785	787	789	792
4	681	764	787	4	764	752		788	799	830	801	799	800	802	803
5	649	688	758	5	802	779		766	802	814	845	815	814	814	816
6	732	661	691	6	774	818		795	781	817	830	861	831	830	830
7	673	753	686	7	707	791		837	812	798	835	847	880	849	847
8	708	713	769	8	692	713		798	843	818	804	842	854	887	856
9	749	767	768	9	883	795		818	915	967	939	922	965	980	1017
10	767	755	760	10	703	809		728	749	837	885	859	844	883	896
11	707	731	740	11	734	680		781	703	723	808	854	829	814	852
12	699	690	728	12	654	649		600	689	620	638	713	754	731	719
Total	9280	9450	9593	Total	9680	9803		9946	10129	10232	10394	10529	10593	10622	10681
<i>Change</i>	100	170	143	<i>Change</i>	87	123		142	183	103	162	135	64	29	59
<i>% change</i>	1.1%	1.8%	1.5%	<i>% change</i>	0.9%	1.3%		1.5%	1.8%	1.0%	1.6%	1.3%	0.6%	0.3%	0.6%
<i>K-6</i>	4977	5041	5142	<i>K-6</i>	5307	5368	<i>K-5</i>	4588	4637	4651	4655	4630	4636	4648	4664
<i>7-8</i>	1381	1466	1455	<i>7-8</i>	1399	1504	<i>6-8</i>	2430	2436	2433	2468	2550	2565	2566	2533
<i>9-12</i>	2922	2943	2996	<i>9-12</i>	2974	2932	<i>9-12</i>	2928	3056	3148	3270	3348	3392	3409	3485