



登録数予測

2022/23学年度 から2032/33学年度



ベルビュー学区の生徒数予測ワークフロー

1

学区の空間データと表形式データの設定

2

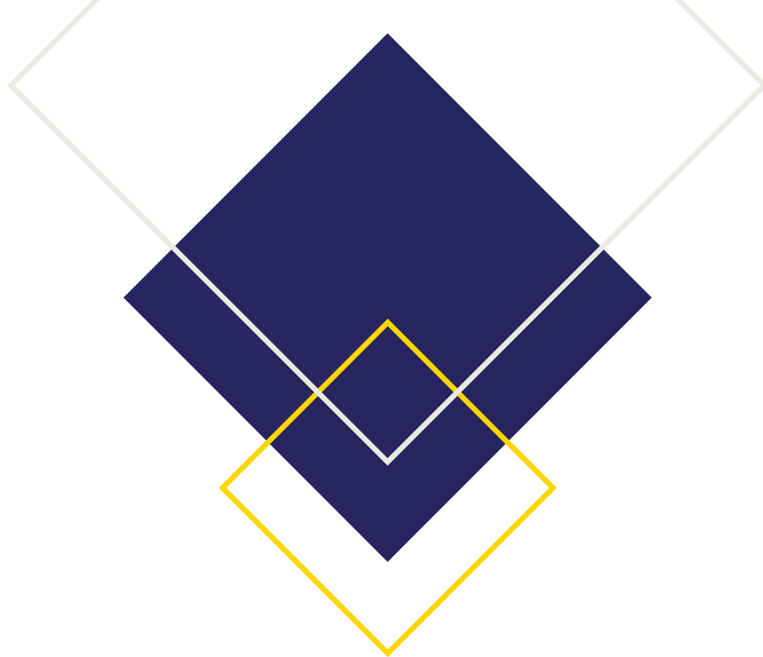
現在進行中、
提案済み、
および将来の
住宅開発プロ
ジェクトのリ
サーチ

3

学区と通学地
域の現在と将
来の人口動態
の分析

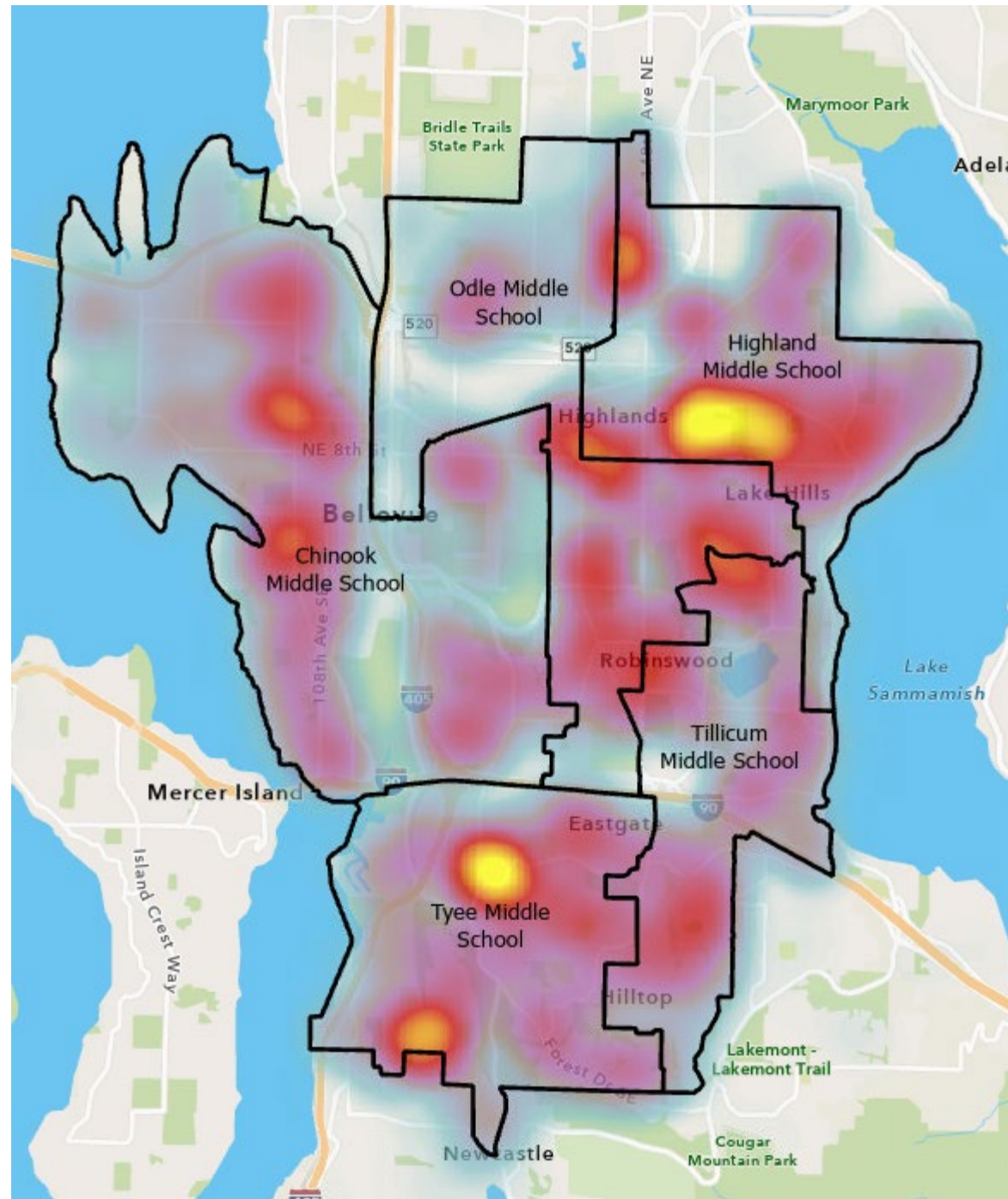
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今後10年間
の通学地域の
学年別の人口
予測を作成



登録数密度 2022年10月

黄色の地域は登録数密度が高く、青の地域は登録数密度が低い





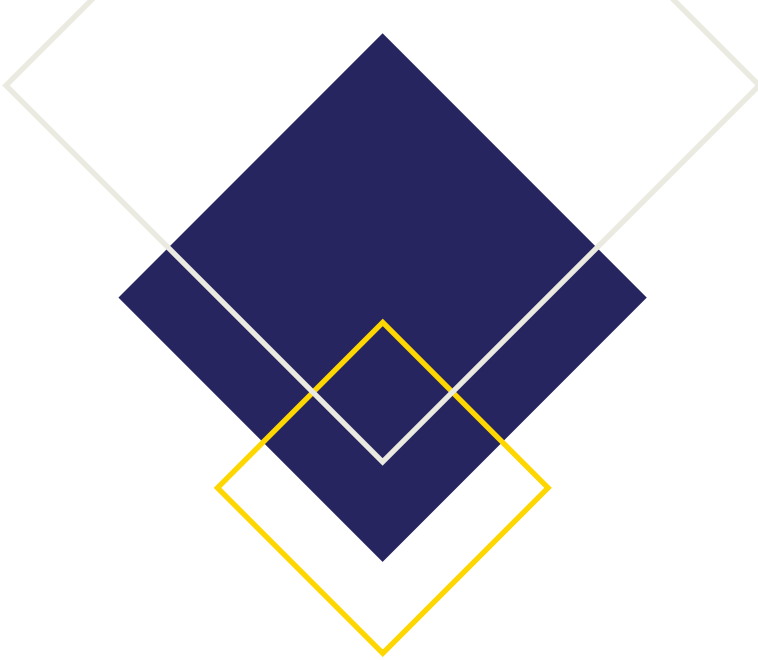
出生要因

出生率は、学区のキンダーガーデン生の入園率を予測するための良い判断材料となる

		Births	Birth Rate		
		District	% Change*	Birthrate Used in Forecast	School Year
Birth Year	Kinder Year	Wide			
2014	2019	1,587	103.3%		2019/20
2015	2020	1,542	100.3%		2020/21
2016	2021	1,566	101.9%		2021/22
2017	2022	1,537	Baseline		2022/22
2018	2023	1,470	95.6%	0.956	2023/24
2019	2024	1,482	96.4%	0.964	2024/25
2020	2025	1,345	87.5%	0.875	2025/26
2021	2026	1,354	88.1%	0.881	2026/27
2022	2027	1,343	87.4%	0.874	2027/28
2023	2028	Data not Available at time of Study	90.0%	0.900	2028/29
2024	2029		90.0%	0.900	2029/30
2025	2030		90.0%	0.900	2030/31
2026	2031		90.0%	0.900	2031/32

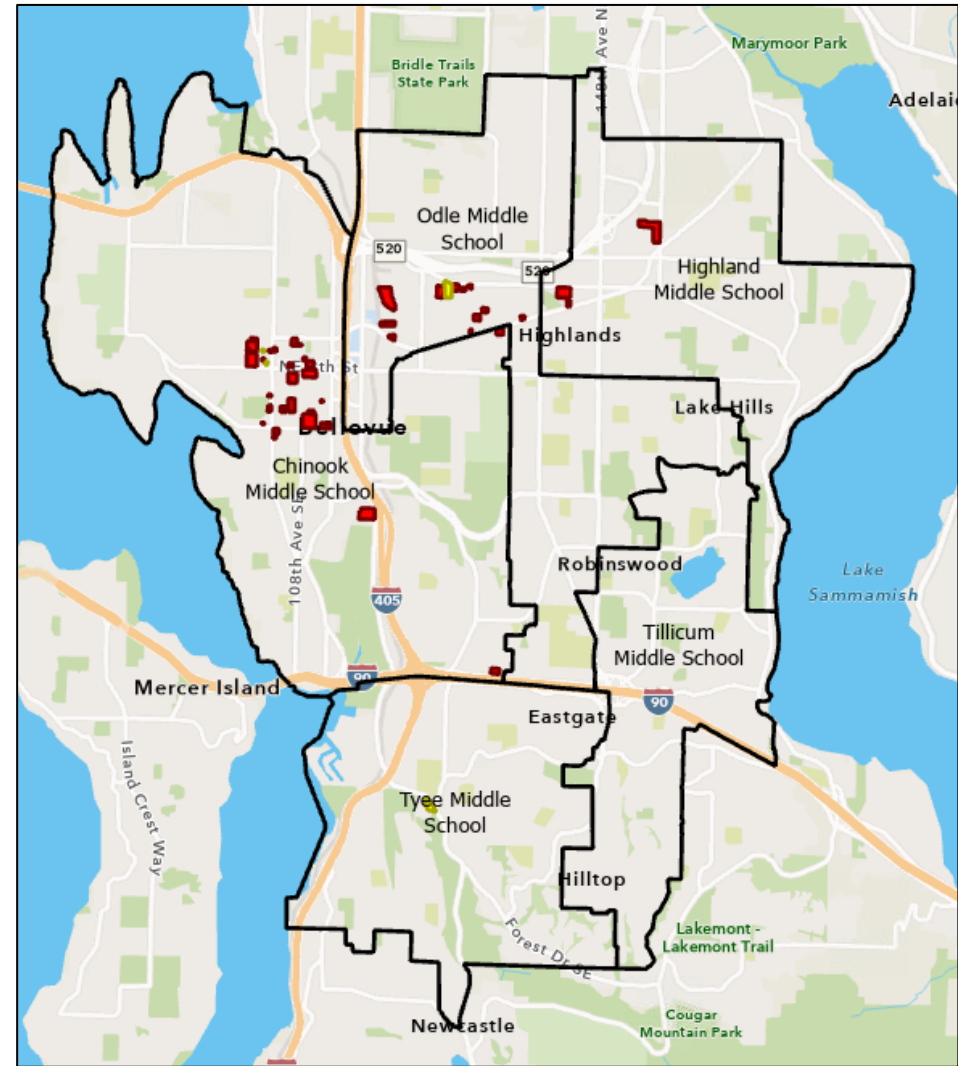
* % Change refers to the change in total births for each year compared to the base year.

Source: Washington Health Authority

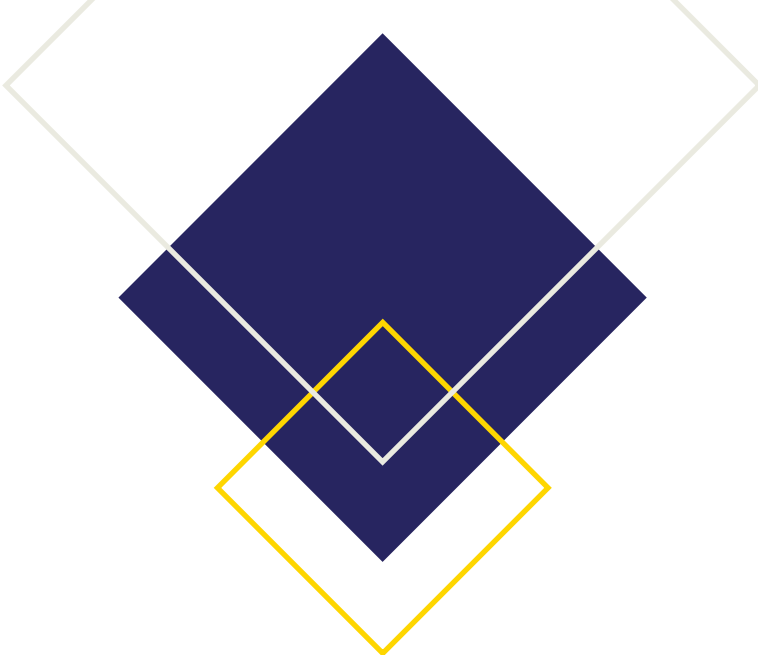


生徒歩留まり率 要因

生徒歩留まり率(SYF)は、地域の住宅タイプによって決定される。
SYFは、住宅開発に適用され、将来の住宅開発プロジェクトから、何人の生徒が登録するかを予測できる。



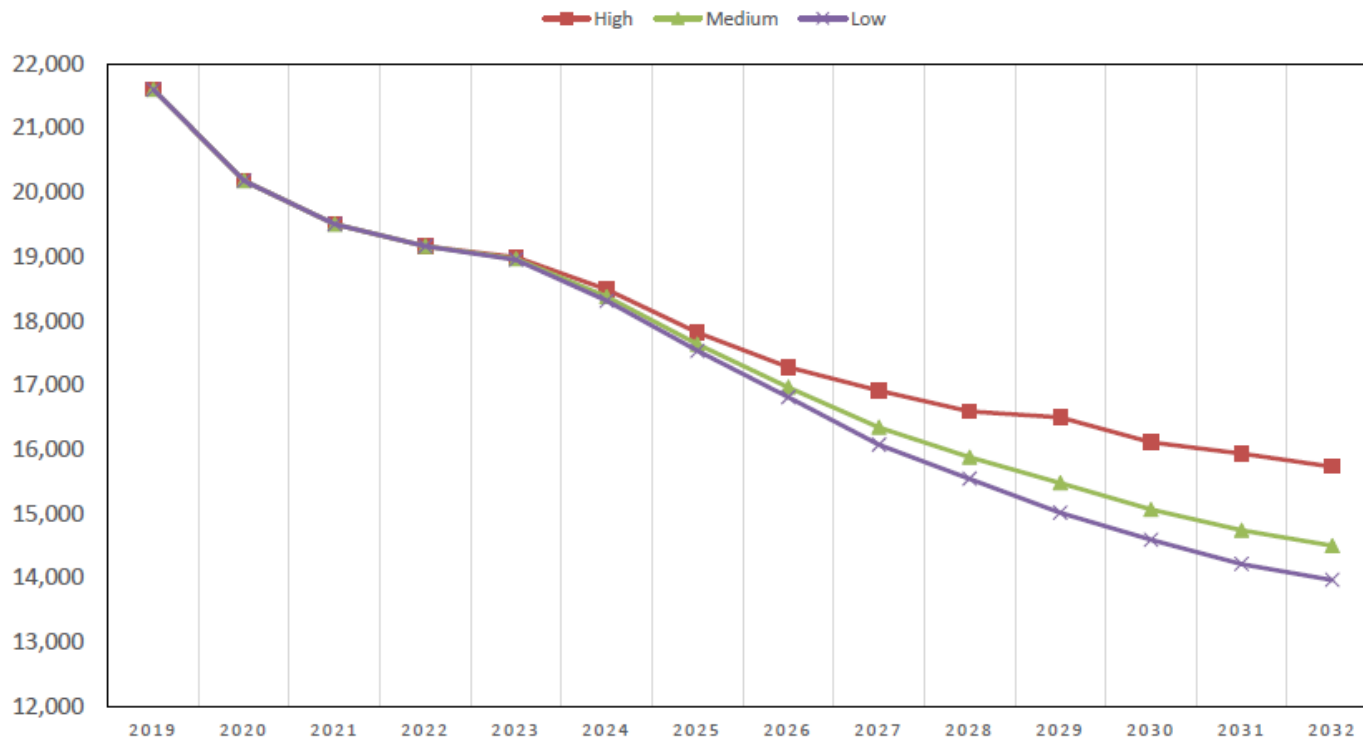
Grade	Apartments 6,428 Units		Multi-Family Attached 3,438 Units	
	Students	Factor	Students	Factor
PK-12	319	0.050	309	0.090



生徒数予測: 高、中、低

3つの違う生徒歩留まり率を利用して、高、中、低の登録数予測

RESIDENCE FORECAST DISTRICTWIDE

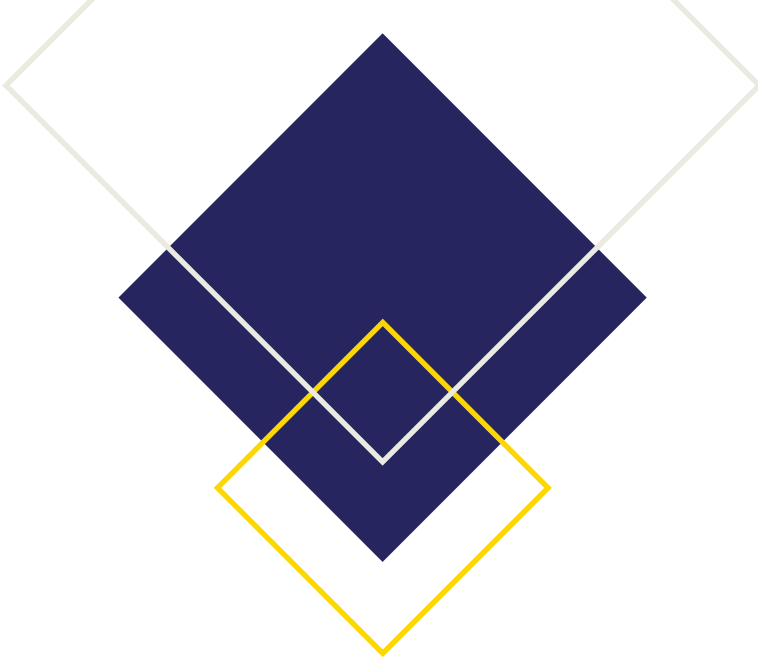


Forecast	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
High	21,601	20,180	19,505	19,160	18,991.4	18,486.3	17,817.1	17,279.8	16,913.2	16,593.3	16,497.2	16,111.1	15,935.4	15,729.9
Medium	21,601	20,180	19,505	19,160	18,964.1	18,377.2	17,634.2	16,967.6	16,343.5	15,878.2	15,478.9	15,062.9	14,741.0	14,501.1
Low	21,601	20,180	19,505	19,160	18,951.2	18,310.6	17,534.8	16,811.6	16,073.7	15,543.3	15,012.9	14,592.7	14,215.3	13,966.3

High forecast uses student yield factors (SYF) published from neighboring school districts (0.14 for future multi-family and apartment housing).
 Medium forecast was based on SYFs developed using data from within the district (0.05 for future apartments and 0.09 for future multi-family housing).
 Low forecast uses a null value for SYFs.
 Forecasts include out of district students.

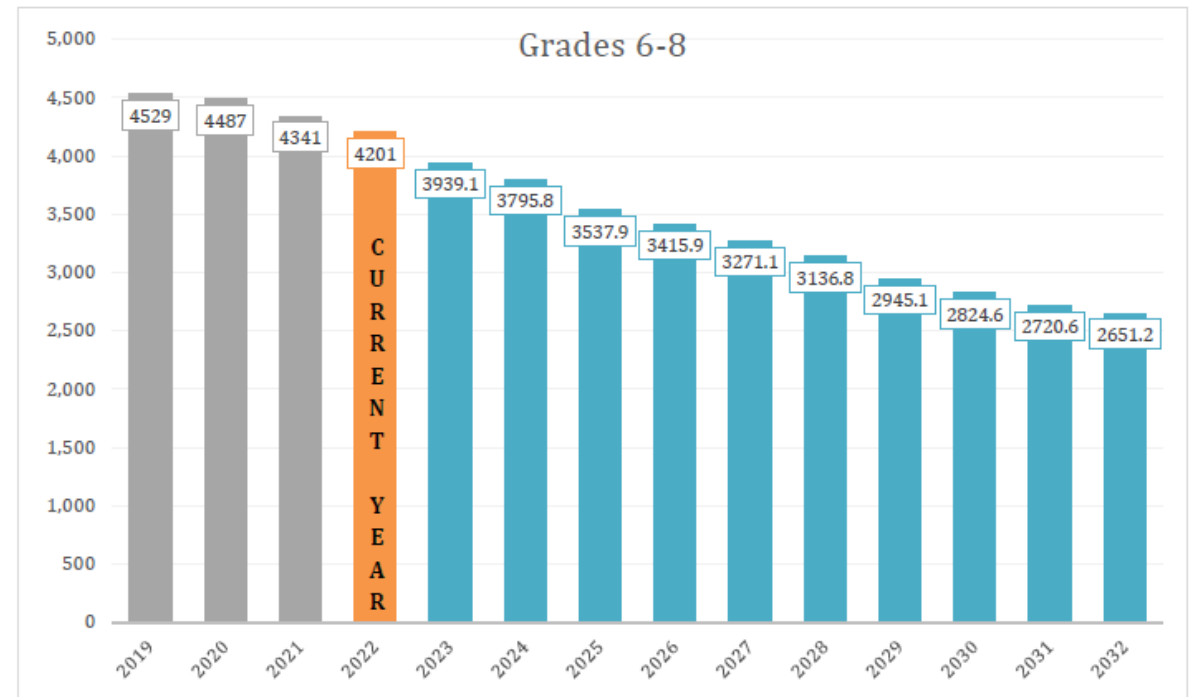
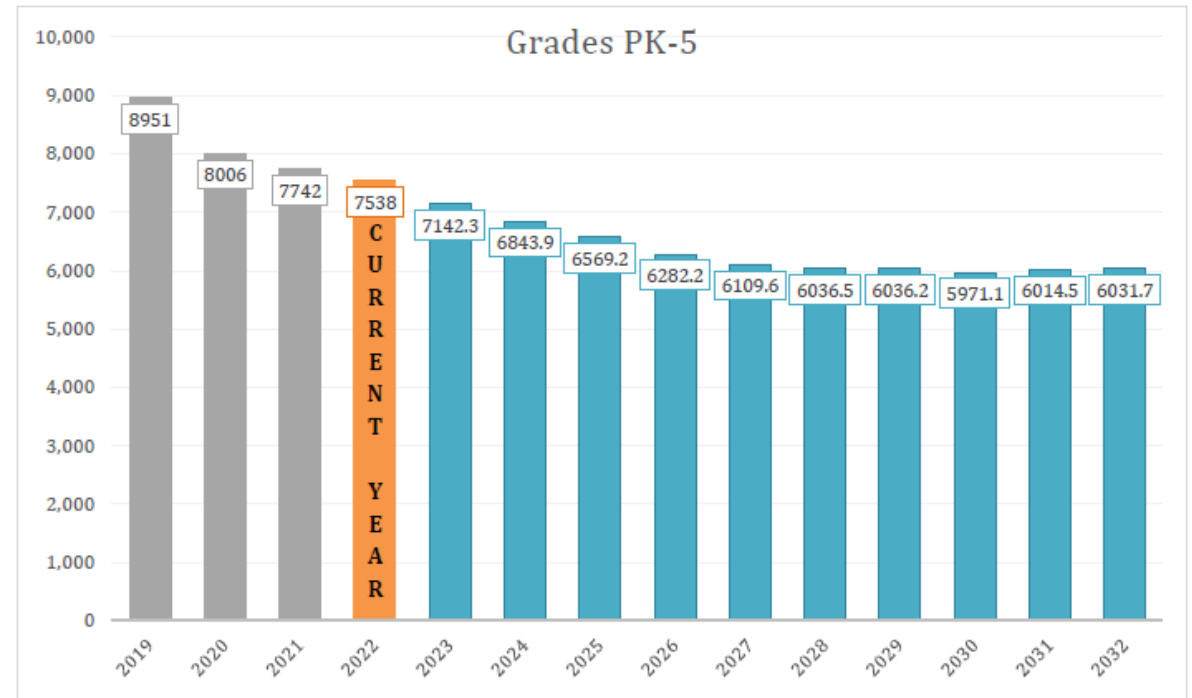
登録数予測 2022学年度-2032学年度

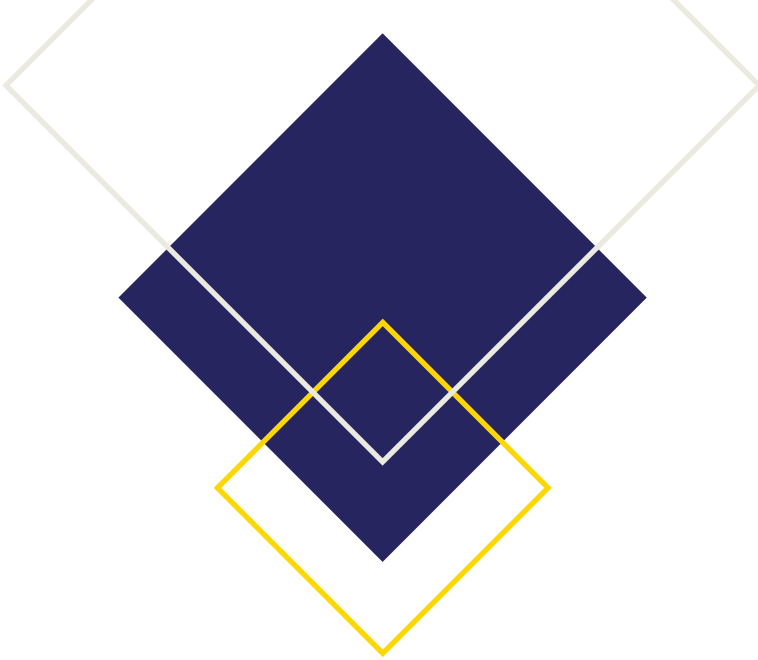
Historic Resident Counts					Forecasted Resident Counts										
Grade	2019	2020	2021	Current	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PK	724	258	397	541	541.3	541.3	542.8	543.6	545.0	547.7	549.5	552.9	553.5	555.3	
K	1,181	1,135	1,089	985	942.7	954.3	867.5	876.9	877.4	904.5	913.4	910.0	915.4	915.3	
1	1,290	1,197	1,183	1,118	1,008.9	968.7	979.1	892.2	906.5	903.2	936.3	935.5	936.4	938.1	
2	1,376	1,288	1,165	1,214	1,115.3	1,011.4	969.7	981.9	899.4	909.9	911.7	935.3	938.7	936.2	
3	1,451	1,338	1,271	1,159	1,195.3	1,101.3	1,000.4	960.7	976.6	891.1	905.8	898.1	925.3	925.3	
4	1,410	1,415	1,284	1,247	1,125.9	1,167.2	1,073.2	978.1	944.0	956.0	878.2	883.1	879.9	902.8	
5	1,519	1,375	1,353	1,274	1,212.9	1,099.7	1,136.5	1,048.8	960.7	924.1	941.3	856.2	865.3	858.7	
6	1,501	1,514	1,346	1,346	1,257.1	1,203.5	1,088.8	1,129.4	1,046.1	958.8	928.0	935.4	855.3	860.8	
7	1,517	1,470	1,524	1,350	1,338.4	1,255.3	1,199.3	1,088.0	1,132.4	1,046.3	965.1	925.4	936.9	853.8	
8	1,511	1,503	1,471	1,505	1,343.6	1,337.0	1,249.8	1,198.5	1,092.6	1,131.7	1,052.0	963.8	928.4	936.6	
9	1,523	1,547	1,561	1,571	1,572.1	1,404.7	1,395.3	1,304.9	1,258.9	1,145.3	1,187.2	1,096.6	1,011.0	970.6	
10	1,615	1,517	1,567	1,633	1,604.0	1,609.0	1,435.1	1,433.1	1,339.7	1,294.3	1,182.7	1,214.1	1,125.7	1,037.2	
11	1,528	1,602	1,516	1,612	1,648.7	1,621.7	1,625.4	1,453.6	1,456.6	1,358.1	1,317.7	1,194.9	1,230.8	1,138.8	
12	1,546	1,513	1,566	1,526	1,676.1	1,720.3	1,689.5	1,696.1	1,525.8	1,525.4	1,428.2	1,379.8	1,256.6	1,289.8	
Resident Student Totals by Grade Configuration															
PK-5	8,951	8,006	7,742	7,538	7,142.3	6,843.9	6,569.2	6,282.2	6,109.6	6,036.5	6,036.2	5,971.1	6,014.5	6,031.7	
6-8	4,529	4,487	4,341	4,201	3,939.1	3,795.8	3,537.9	3,415.9	3,271.1	3,136.8	2,945.1	2,824.6	2,720.6	2,651.2	
9-12	6,212	6,179	6,210	6,342	6,500.9	6,355.7	6,145.3	5,887.7	5,581.0	5,323.1	5,115.8	4,885.4	4,624.1	4,436.4	
PK-12	19,692	18,672	18,293	18,081	17,582.3	16,995.4	16,252.4	15,585.8	14,961.7	14,496.4	14,097.1	13,681.1	13,359.2	13,119.3	
Unmatched and Out-of-District Students															
PK-5	775	596	462	440	568.3	568.3	568.3	568.3	568.3	568.3	568.3	568.3	568.3	568.3	
6-8	277	312	249	204	260.5	260.5	260.5	260.5	260.5	260.5	260.5	260.5	260.5	260.5	
9-12	576	506	416	358	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0	
PK-12	1,628	1,414	1,127	1,002	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	1,292.8	
Other Students															
PK-5	181	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6-8	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9-12	100	94	85	77	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
PK-12	281	94	85	77	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
Total Students															
PK-5	9,907	8,602	8,204	7,978	7,710.6	7,412.2	7,137.5	6,850.5	6,677.9	6,604.8	6,604.5	6,539.4	6,582.8	6,600.0	
6-8	4,806	4,799	4,590	4,405	4,199.6	4,056.3	3,798.4	3,676.4	3,531.6	3,397.3	3,205.6	3,085.1	2,981.1	2,911.7	
9-12	6,888	6,779	6,711	6,777	7,053.9	6,908.7	6,698.3	6,440.7	6,134.0	5,876.1	5,668.8	5,438.4	5,177.1	4,989.4	
PK-12	21,601	20,180	19,505	19,160	18,964.1	18,377.2	17,634.2	16,967.6	16,343.5	15,878.2	15,478.9	15,062.9	14,741.0	14,501.1	
Annual Change															
PK-5 Difference	-1,305	-398	-226	-267.5	-298.4	-274.7	-287.0	-172.6	-73.1	-0.3	-65.1	43.4	17.2		
6-8 Difference	-7	-209	-185	-205.4	-143.3	-257.9	-122.0	-144.8	-134.3	-191.7	-120.5	-104.0	-69.4		
9-12 Difference	-109	-68	66	276.9	-145.2	-210.4	-257.6	-306.7	-257.9	-207.3	-230.4	-261.3	-187.7		
PK-12 Difference	-1,421	-675	-345	-196.0	-586.9	-743.0	-666.6	-624.1	-465.3	-399.3	-416.0	-321.9	-239.9		



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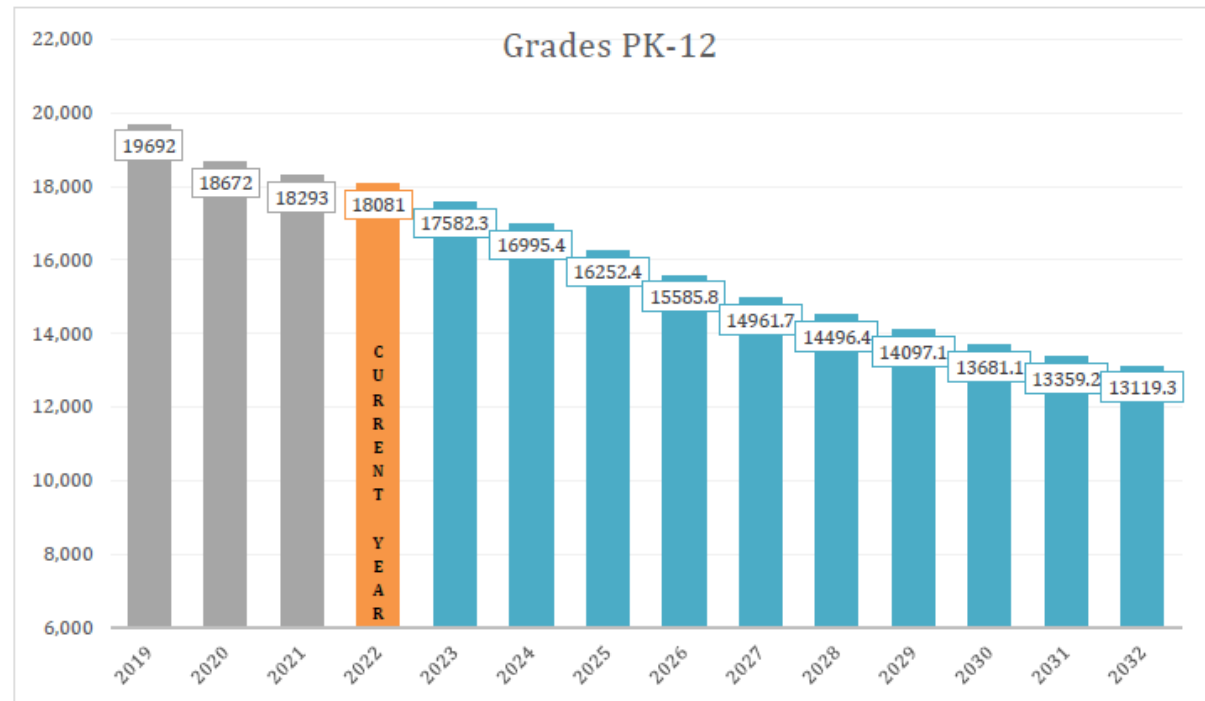
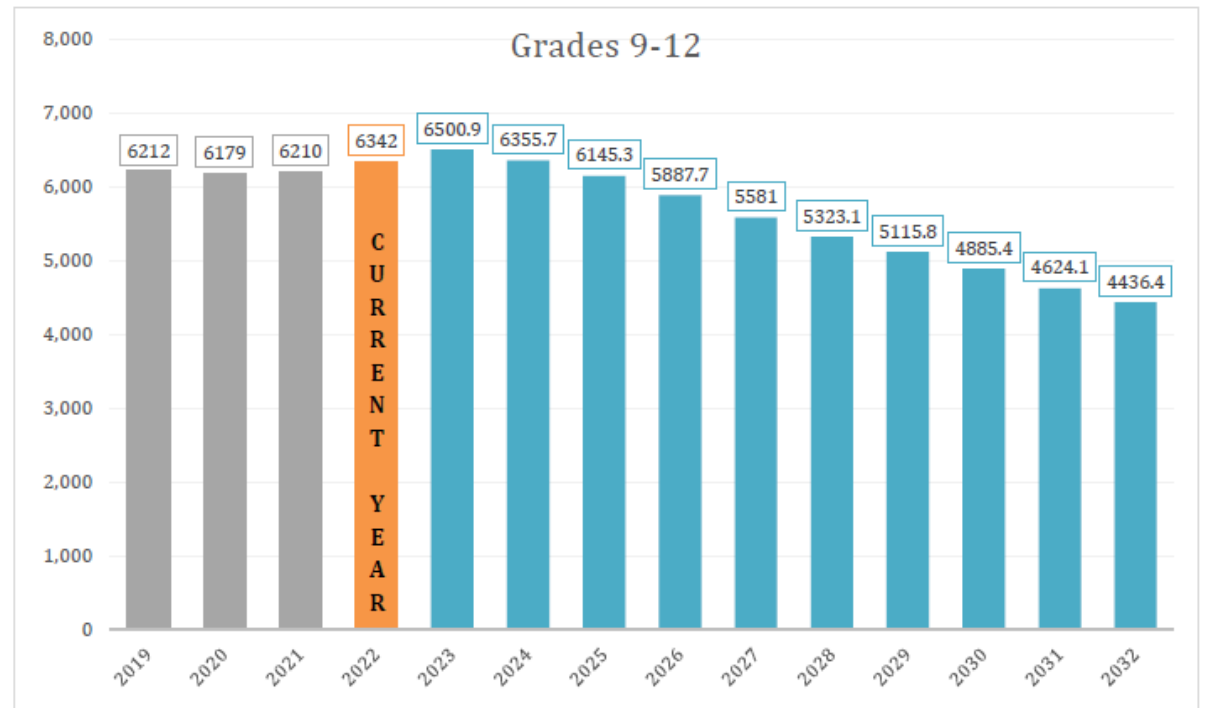
エレメンタリースクールと
ミドルスクール





登録数予測 2022学年度-2032学年度

ハイスクールと
全学年



ミドルスクール建物利用率予測

Enrollment Based (Based off Historical Transfer Rates)

School	Estimated In	Estimated Out	Capacity	23/24	23/24 Utilization	26/27	26/27 Utilization	30/31	30/31 Utilization
Chinook MS	69	-405	1118	733.3	66%	605.1	54%	358.8	32%
Highland MS	151	-353	1261	558.3	44%	443.7	35%	371.3	29%
Odle MS	461	-280	1145	869.7	76%	819.6	72%	732.1	64%
Tillicum MS	288	-211	1285	666.7	52%	548	43%	429.8	33%
Tyee MS	113	-171	1053	773.1	73%	661.6	63%	594.6	56%