Impact of Growth on Woodland Public Schools

March 2021

Woodland Public Schools Student Capacity

Elementary Schools						
School Building	Building SF	Teaching Stations	Capacity CFP '19	10/1/18 Headcount	10/1/19 Headcount	10/1/20 Headcount
Columbia Elementary School	59,296	19	399	355	393	347
North Fork Elementary School	54,718	21	441	513	501	406
Yale Elementary School	8,703	3	63	44	40	44
Total Elementary Capacity		43	903	912	934	797
Middle School						
Woodland Middle School (5-8)	86,271	38	790	728	713	649
High School						
Woodland High School (9-12)	152,830	40	866	695	694	585
Alternative Schools						
Lewis River Academy (K-8)	2,417	2	48	45	43	173
TEAM High School (9-12)	1,700	2	60	76	65	158

Enrollment Projections

- Washington State Office of Superintendent of Public Instruction
  - Cohort Survival Estimates... Based on historical enrollment growth rates
  - Does not factor in non-typical growth impacts on enrollment
  - Woodland Typically Exceeds State Cohort Survival Estimates

Projected Enrollment Growth —Arithmetic Models

2019 CFP Projections	2019	2020	2021	2022	2023	2024	2025
K-4	992	1020	1061	1115	1152	1197	1244
5-8	727	775	788	820	886	909	943
9-12	769	784	821	825	804	858	876
	2488	2579	2670	2760	842	2964	3063

| 2020 Cohort Survival Projections	2021	2022	2023	2024	2025	2026
K-4	861	862	836	838	847	837
5-8	693	696	744	738	720	722
9-12	740	740	693	722	705	706
	2294	2298	2273	2298	2272	2265

Projected Enrollment Growth —Arithmetic Models

2017-2018 OSPI Cohort Survival	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Projected	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2023 Projected
K-4	832	862	876	931	992	1020	1061	1115	1152	1197
5-8	715	721	756	744	727	775	788	820	886	909
9-12	728	720	754	760	769	784	821	825	804	858
	2,275	2,303	2,386	2435	2488	2579	2670	2760	2842	2964

| 2020-2021 OSPI Cohort Survival	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Projected	2022 Projected	2023 Projected	2024 Projected	2025 Projected	2026 Projected
K-4	876	931	955	862	861	862	836	838	847	837
5-8	756	744	726	714	693	696	744	738	720	722
9-12	754	760	752	713	740	740	693	722	705	706
K-12	2,386	2435	2433	2289	2294	2298	2273	2298	2272	2265

K-12 Enrollment Projections
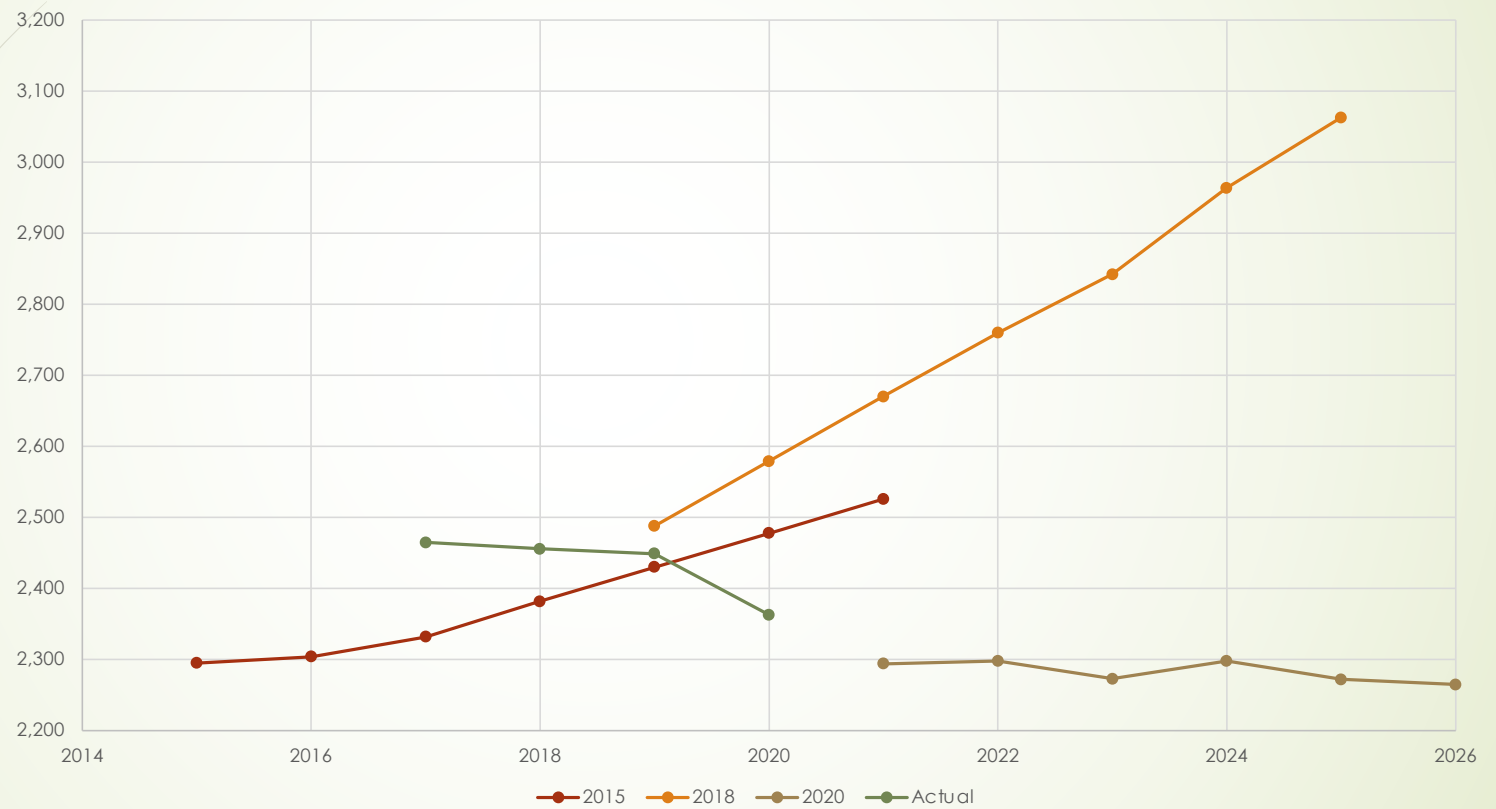
K-4 Enrollment Projections
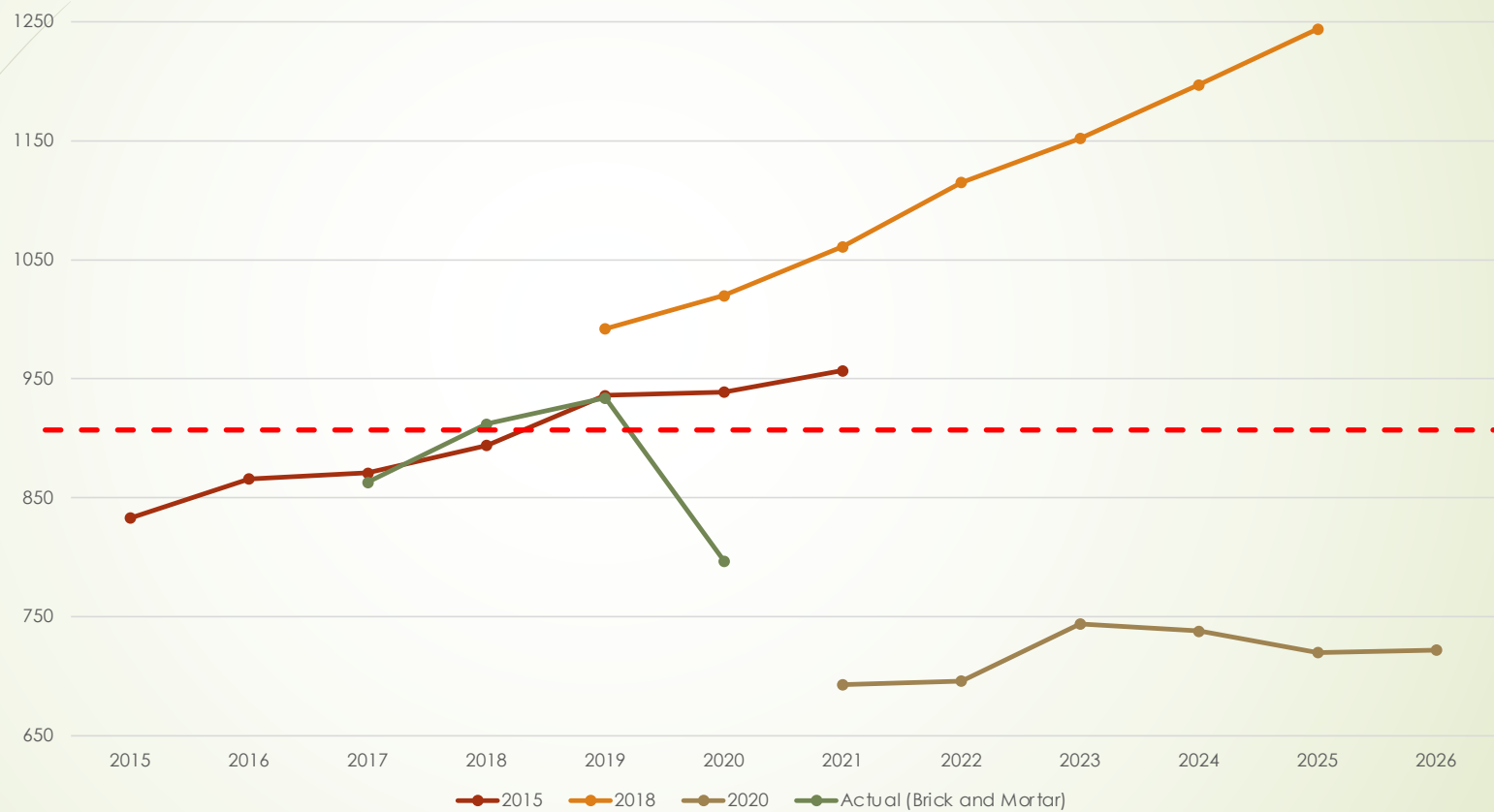
5-8 Enrollment Projections
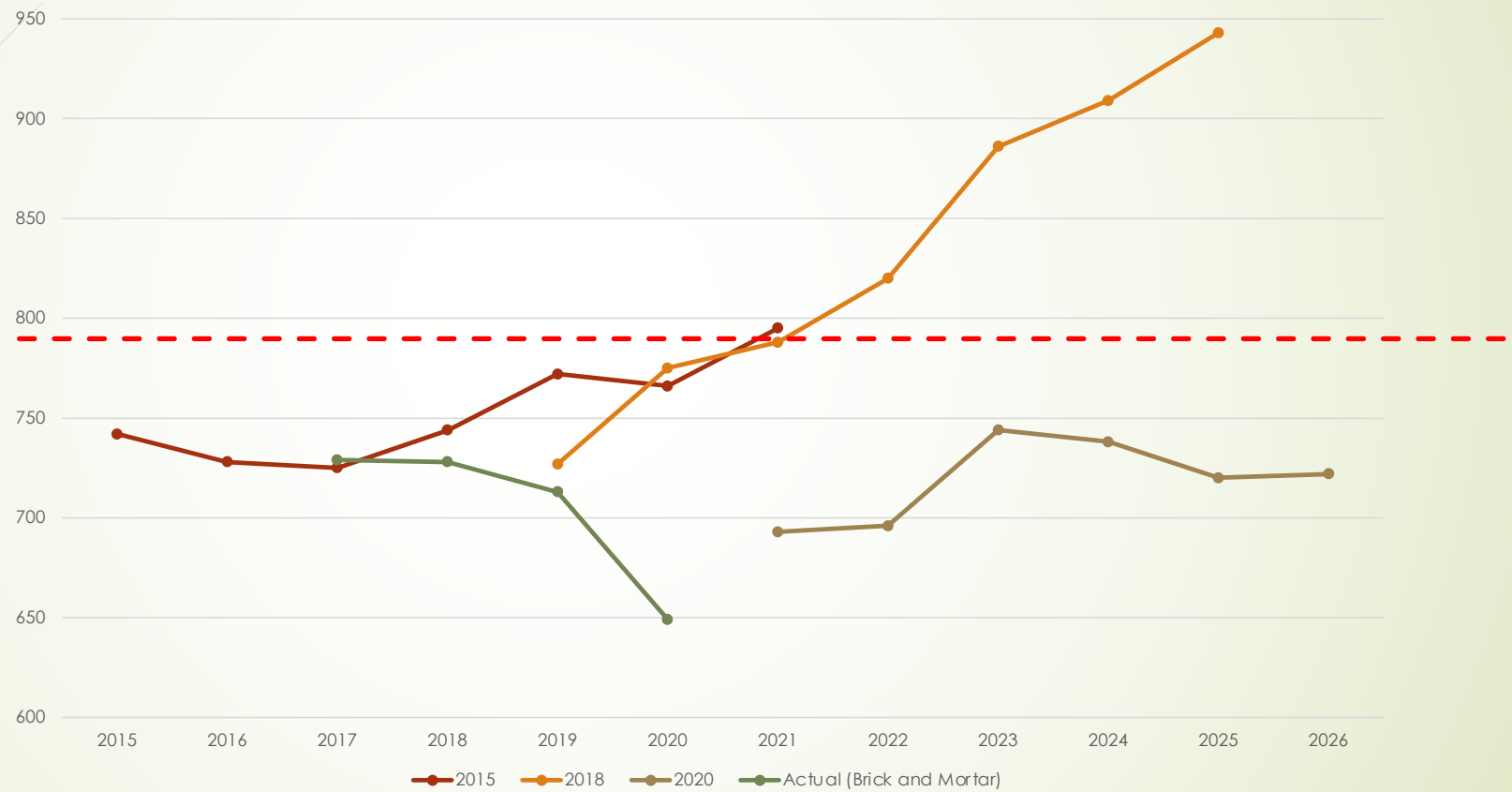
9-12 Enrollment Projections
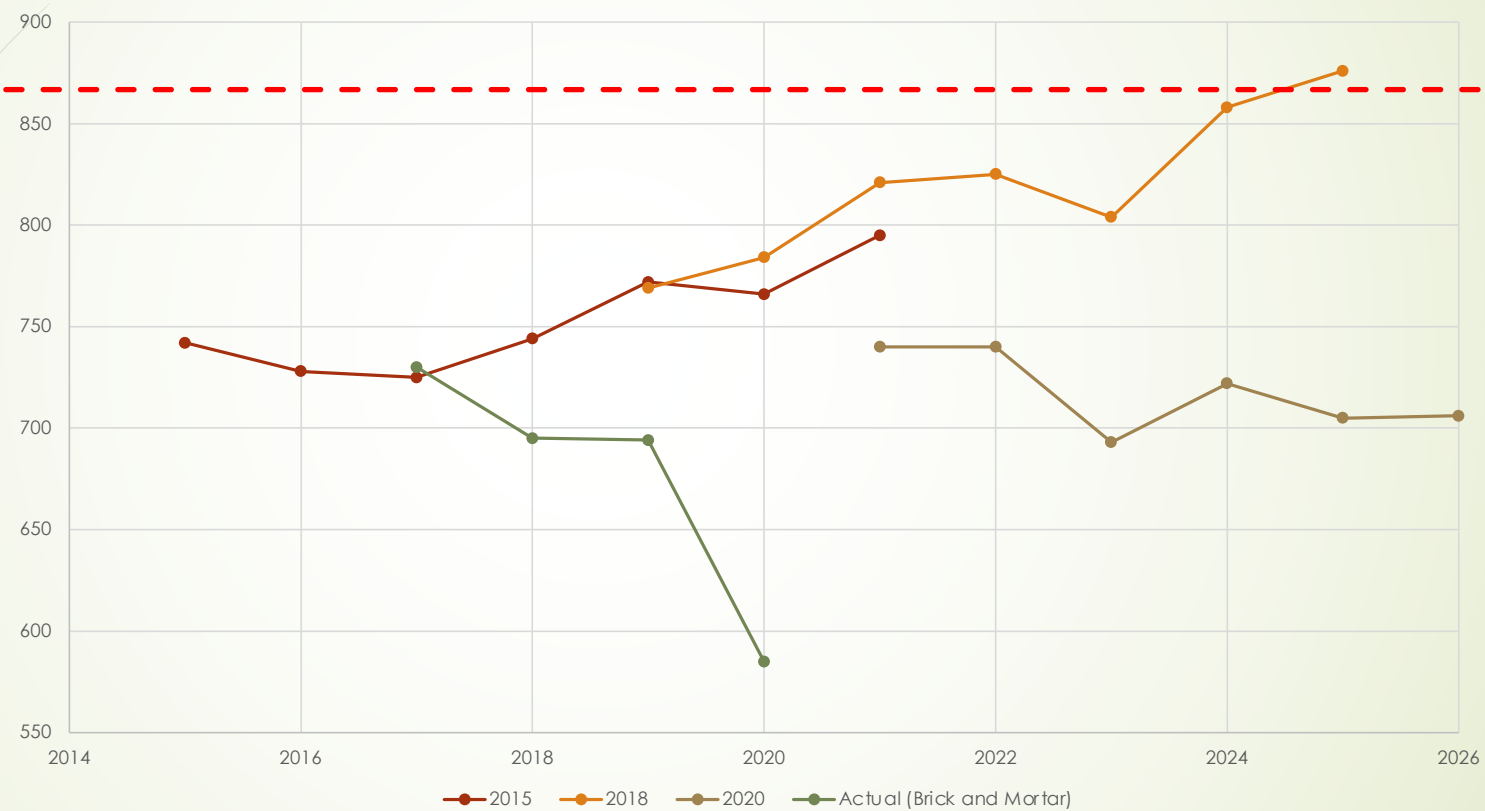
2019 Capital Facilities Plan

- Add 4th Elementary School
  - 450-500 Student Enrollment
- Reconfigure to Elementary Schools to serve students in Kindergarten through Grade 5
  - Elementary School Capacity until 2024
- Reconfigure to 6-8 Middle School to serve students in grades six, seven, and eight.
  - Middle School Capacity beyond projected future (2024)
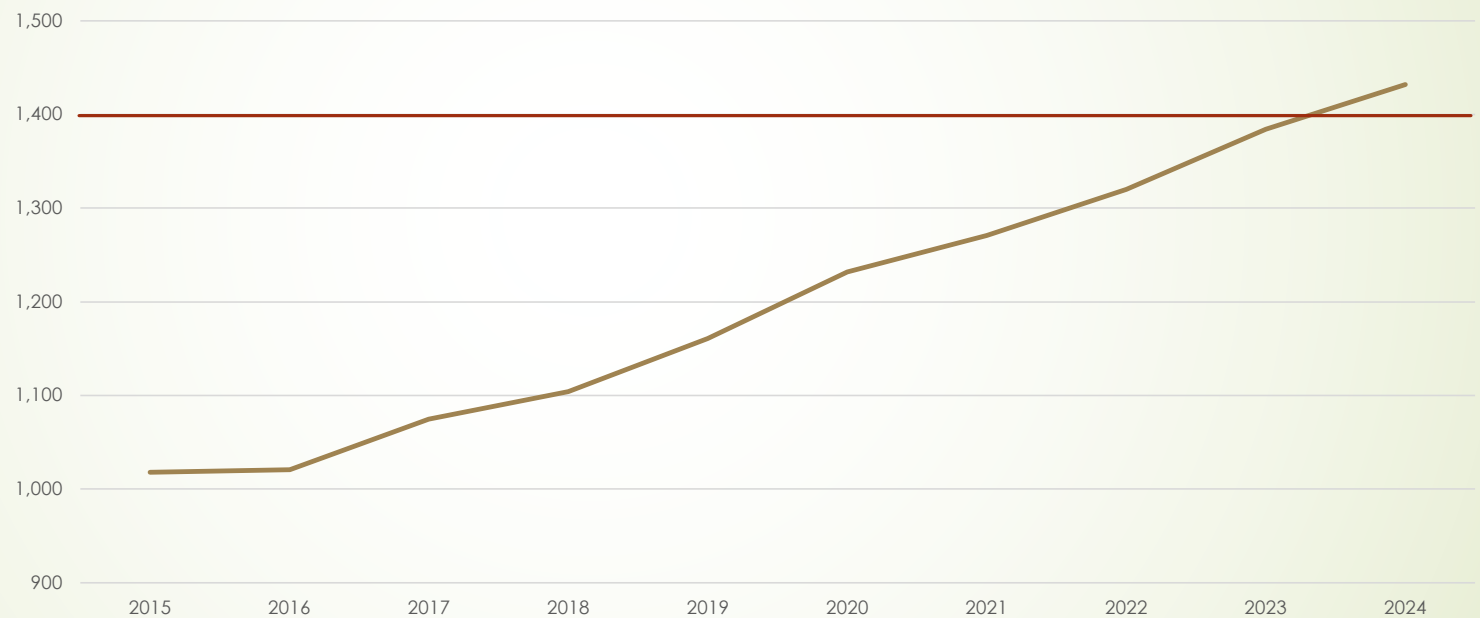
K-5 Student Capacity with
4th Elementary School

Chart Uses 2018 CFP Projections

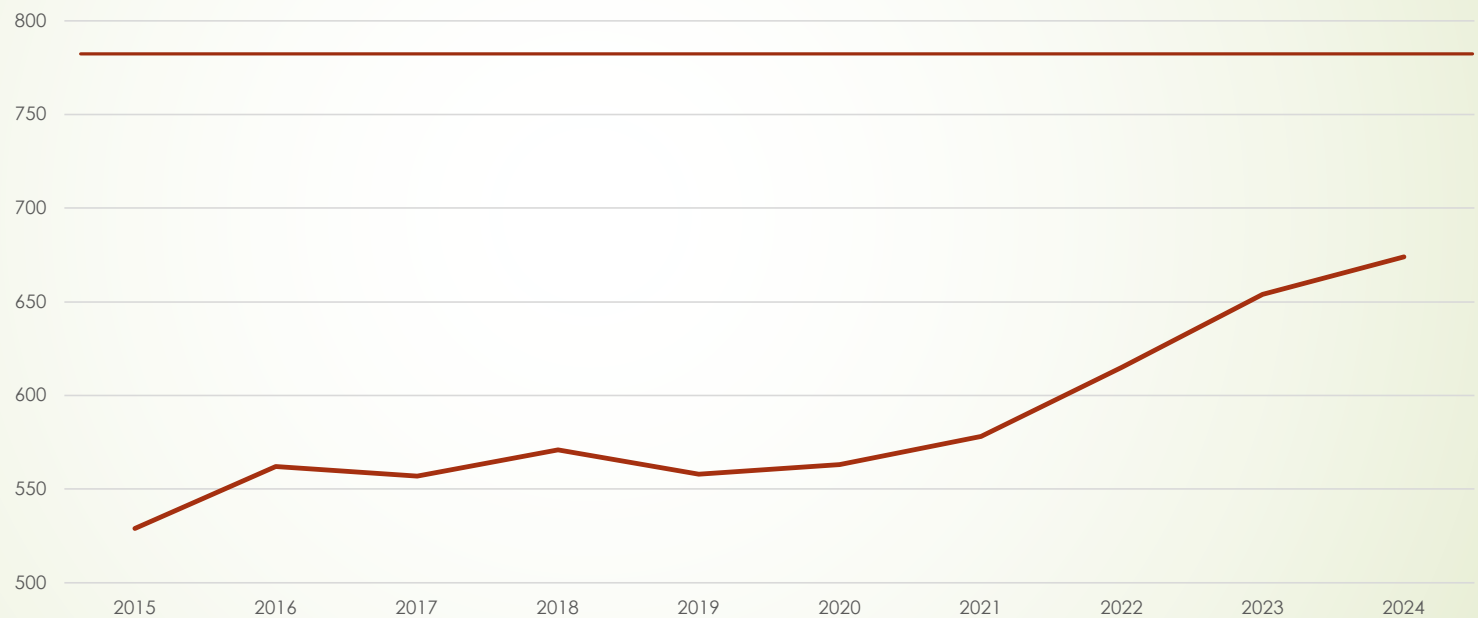# 6-8 Student Capacity with 4th Elementary School

Chart Uses 2018 CFP Projections

Expected Growth….

- **The Projections are based on historical rates of growth**
- Historical Growth rate about 1.5-2% growth year over year
  - Arithmetic Models fairly good at predicting future enrollment
- E.D. Hovee & Company Enrollment Analysis & Forecast Scenarios (1/2019)
  - About 1000-2000 homes over the next 8-10 years
- *IF* these developments materialize we anticipate a significant increase in student enrollment at a rate that surpasses the arithmetic models.
  - Best tool to estimate impact is the "Student Generation Rate" (SGR)
  - SGR looks at historical data to determine how many students come with new housing
  - SGR update in 2018

How many students per home?

2018 Student Generation Rates			
	Elementary	Middle School	High School
Single Family	0.19	0.10	0.14
Multi Family	0.44	0.20	0.23

In simple terms….
- *Each Single Family home resulted in .19 Elementary Student, .10 Middle School Student, and .14 High School Student enrolling in Woodland Schools.*
- *Each Multi-Family home (apartment) resulted in .44 Elementary Student, .20 Middle School Student, and .23 High School student enrolling in Woodland Schools*

Impact of Growth: Single Family Homes

# of Homes	Elementary	Middle School	High School	Total
100	19.0	10.0	14.0	43.0
200	38.0	20.0	28.0	86.0
300	57.0	30.0	42.0	129.0
400	76.0	40.0	56.0	172.0
500	95.0	50.0	70.0	215.0
600	114.0	60.0	84.0	258.0
700	133.0	70.0	98.0	301.0
800	152.0	80.0	112.0	344.0
900	171.0	90.0	126.0	387.0
1000	190.0	100.0	140.0	430.0

Impact of Growth: Multi-Family Homes

# of Multi Family Homes	Elementary	Middle School	High School	Total
100	44.0	20.0	23.0	87.0
200	88.0	40.0	46.0	174.0
300	132.0	60.0	69.0	261.0
400	176.0	80.0	92.0	348.0
500	220.0	100.0	115.0	435.0
600	264.0	120.0	138.0	522.0
700	308.0	140.0	161.0	609.0
800	352.0	160.0	184.0	696.0
900	396.0	180.0	207.0	783.0
1000	440.0	200.0	230.0	870.0