



West Valley Yakima School District Long Range Facilities Planning

- Planning Committee Meeting #1
- November 19, 2024



WELCOME & INTRODUCTIONS

Dr. Peter Finch, Superintendent

- Welcome
- Introduction of Committee



PLANNING TEAM

Joe Connolly – *West Valley School District*

Phil Crocker - *Educational Facility Planner (25+ years)*

Rob Gross – *Turner & Townsend HEERY*



PURPOSE

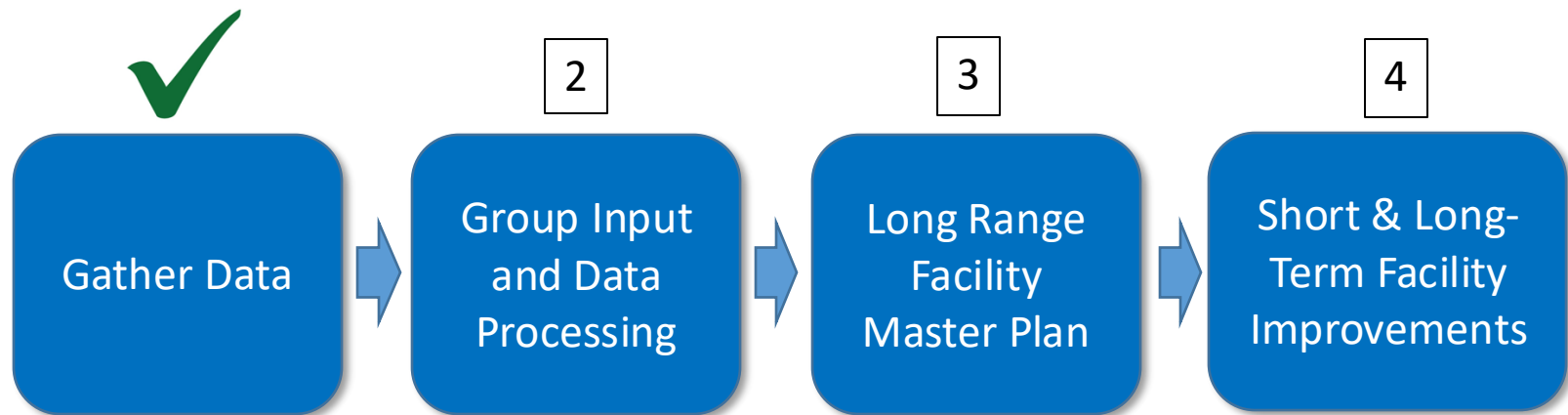
- Update the district's Long-Range Facility Plan
- Bring together a community-representative committee to review enrollment projection data as well as functional adequacy, capacity, and utilization data alongside physical condition data.
- Recommendation to the School Board

OUTCOME

An updated Long-Range Facility Plan grounded in data and educational programming and reflective of the district's progress on the previous plan.



PLANNING PROCESS



WHY WE ARE HERE

Develop and agree on the core elements of a Long-Range Facilities Plan

- Driven by the District's Educational Programming needs and the focus on student success
- Supported by Data and a shared understanding of that Data
- Incorporates existing facilities needs into overall plan
- Prioritizes projects defined within the Long-Range Facility Plan



FACILITY PLANNING DATA

- Educational Programs
- Enrollment Projections
- Capacity Analysis
- Utilization Analysis
- Condition Reports
 - Physical
 - Functional

PLANNING ASSUMPTIONS

1. A long-term goal for the district is that all programs should be housed in purposeful, adequate space.
2. Secondary teachers will continue to “prep” in their classrooms
3. Educational spaces can be utilized for current and emerging district programs.

EDUCATIONAL PROGRAMMING

- **A strong Basic Education program** (*reading, writing, math, science, social studies, physical education, arts, etc.*)
- **Elementary programs to assist students with individual needs** (*resource rooms, special education, ELL, enrichment, etc.*)
- **After school activities** (*athletics, fine arts, etc.*)
- **Career & Technical Education** (*STEM, agriculture, manufacturing, health sciences, sports medicine, etc.*)
- **College Preparatory Programs** (*Running Start, College in the High School, CTE Dual Credit*)



EVOLVING SCHOOL SPACES



LEGEND

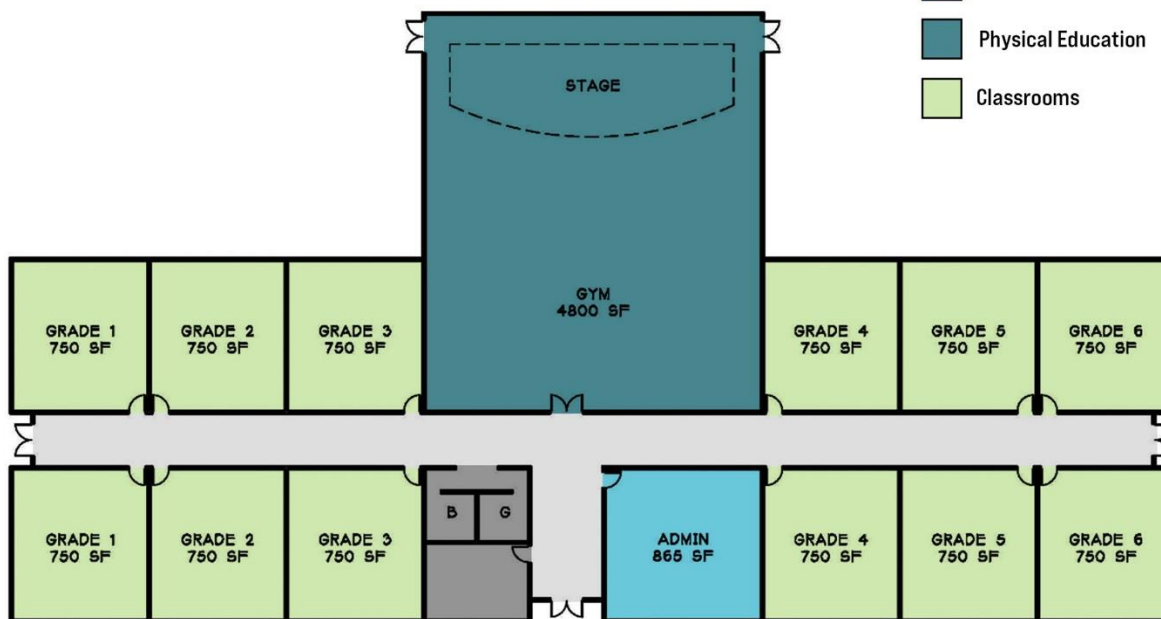
 Circulation

 Support Spaces

 Administration

 Physical Education

 Classrooms



PRE 1950 SCHOOL
30 STUDENTS / CLASSROOM








SCALE: 1" = 20'-0"



EVOLVING SCHOOL SPACES



LEGEND

	Circulation		Support Spaces
	Administration		Specialized Learning
	Physical Education		Food Service
	Classrooms		



PRE 1975 SCHOOL
30 STUDENTS / CLASSROOM

SCALE: 1" = 20'-0"

EVOLVING SCHOOL SPACES



LEGEND

	Circulation		Support Spaces
	Administration		Specialized Learning
	Physical Education		Food Service
	Classrooms		Breakout Space



MODERN SCHOOL
20 STUDENTS / CLASSROOM

SCALE: 1" = 30'-0"

ENROLLMENT PROJECTIONS

- Percentage Increase Model
- Regression Model
- Cohort Survival Model – Linear Regression K
- Cohort Survival Model – Natality K
- Students per Housing Unit

ENROLLMENT PROJECTIONS

	24-25	25-26	26-27	27-28	28-29	29-30
% Change	5,306.90	5,328.13	5,349.44	5,370.84	5,392.32	5,413.89
Regression	5,242.69	5,261.69	5,280.70	5,299.71	5,318.72	5,337.73
Cohort (Linear K)	5,276.25	5,251.90	5,227.57	5,194.21	5,212.04	5,206.16
Cohort (Natality K)	5,244.99	5,178.02	5,101.84	5,015.09	4,977.31	4,896.24
Student per Housing Unit	5,249.00	5,249.00	5,268.20	5,292.95	5,306.57	5,320.21

	24-25	25-26	26-27	27-28	28-29	29-30
Lower Estimate	5,239.34	5,206.09	5,163.68	5,111.25	5,097.44	5,052.96
Best Estimate	5,263.97	5,253.75	5,245.55	5,234.56	5,241.39	5,234.85
Higher Estimate	5,288.59	5,301.41	5,327.43	5,357.86	5,385.34	5,416.73

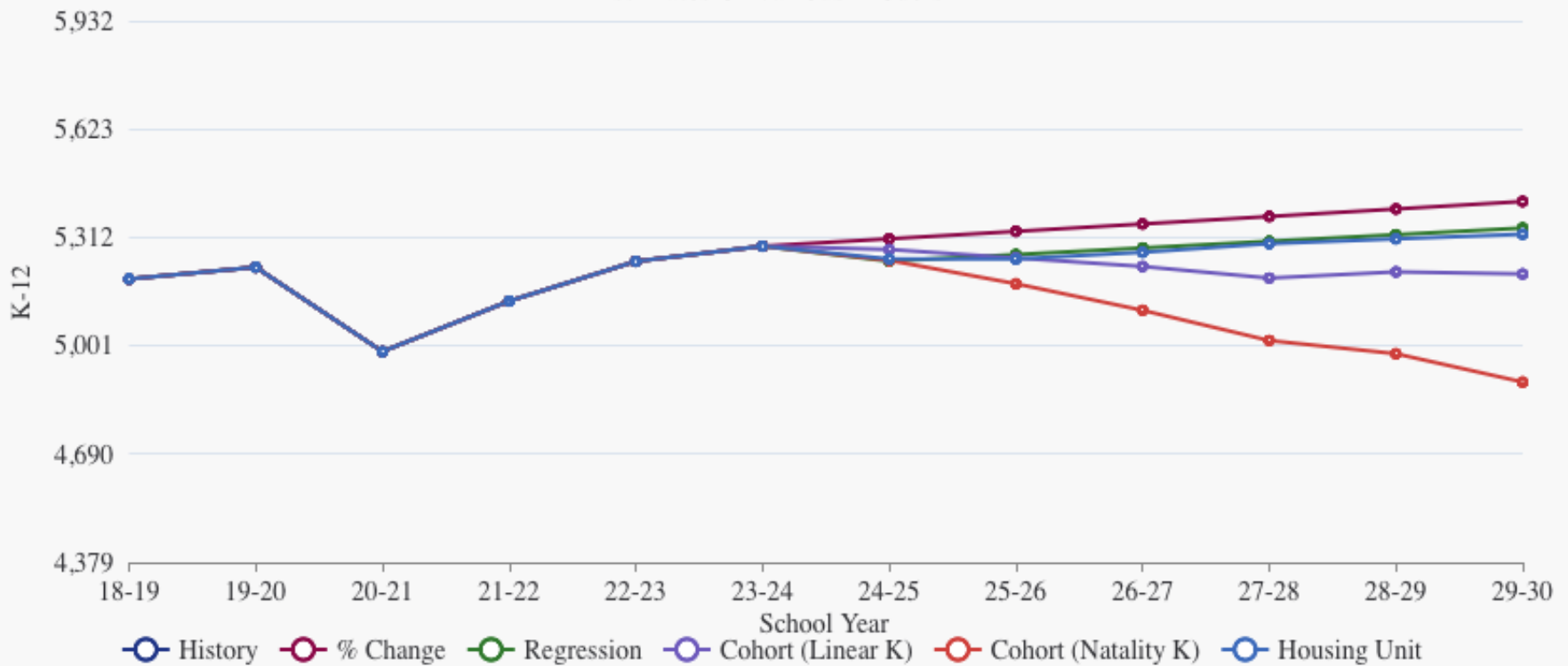


ENROLLMENT PROJECTIONS

K-12 (All Models)

West Valley School District (Yakima)

Estimates of Various Models

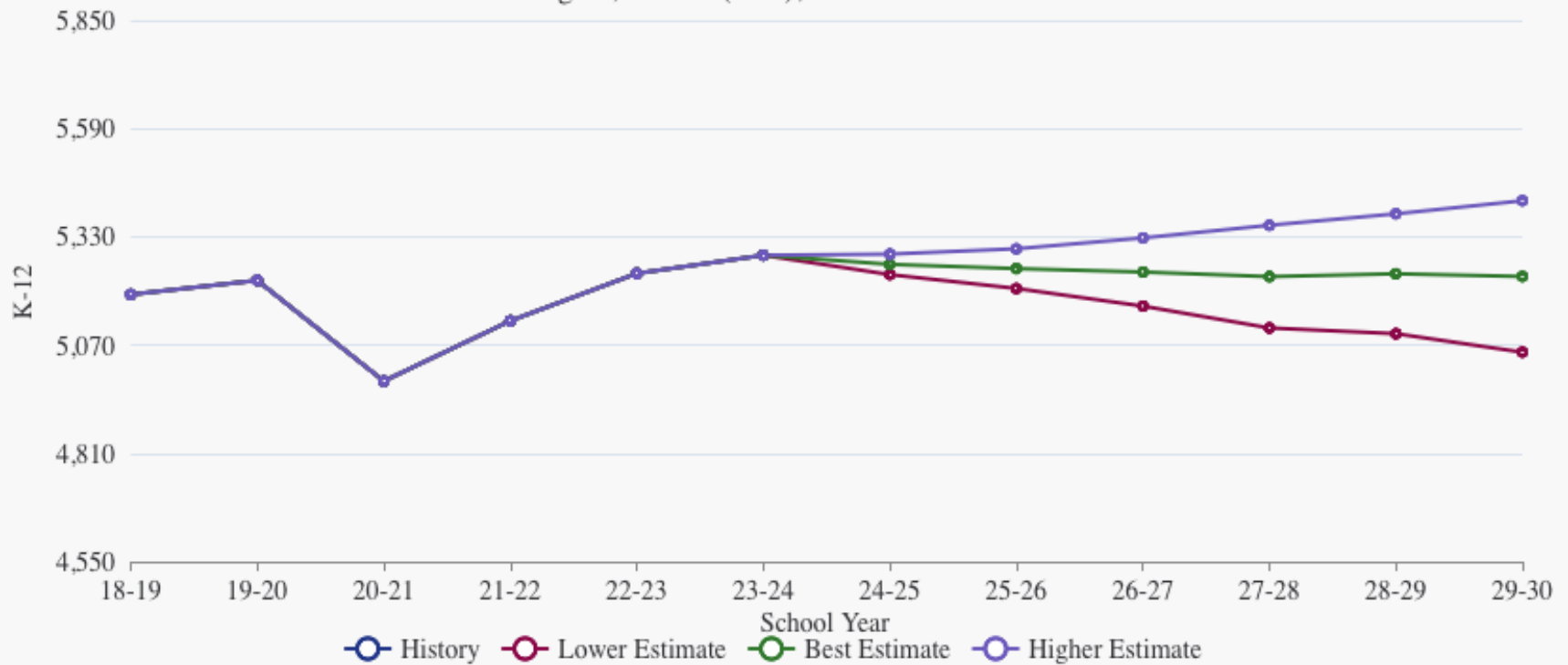


ENROLLMENT PROJECTIONS

K-12 (Best)

West Valley School District (Yakima)

Higher, Middle (Best), Lower Estimates

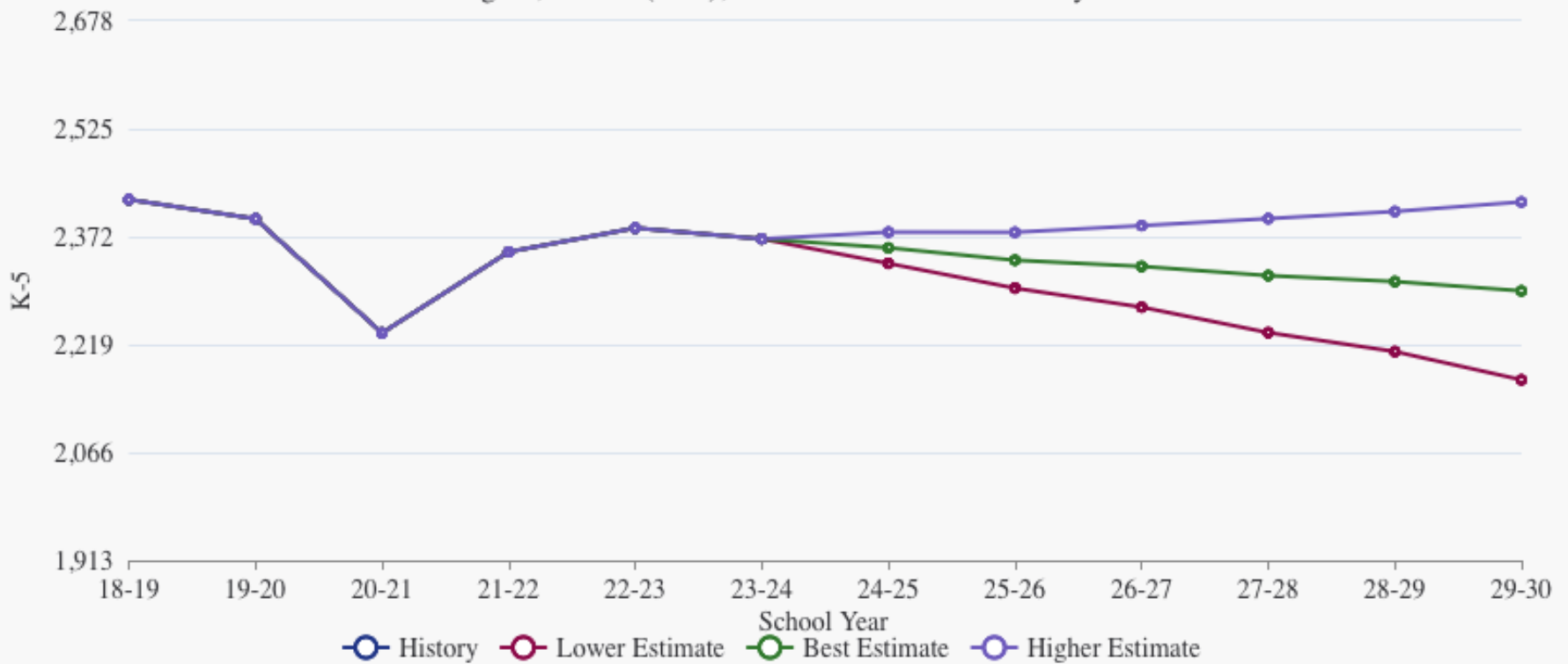


ENROLLMENT PROJECTIONS

K-5

West Valley School District (Yakima)

Higher, Middle (Best), Lower Estimates and History

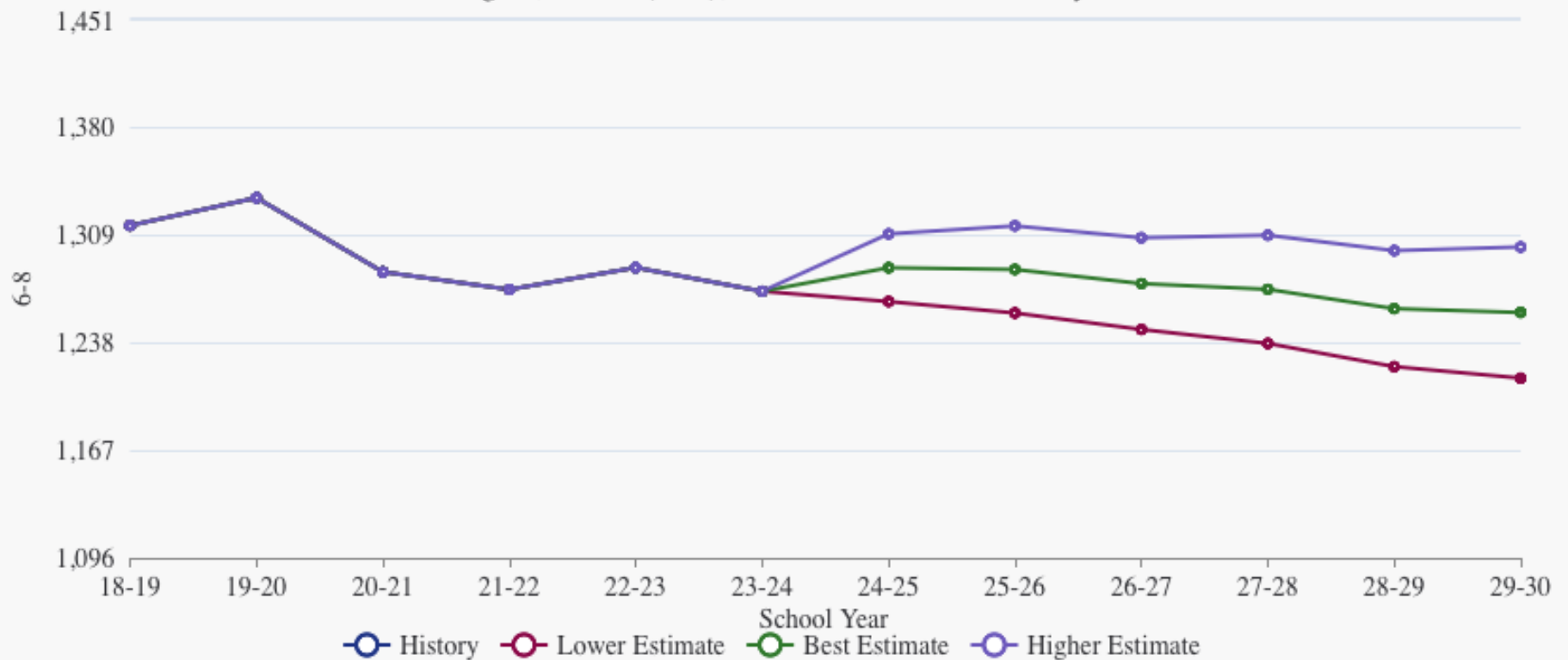


ENROLLMENT PROJECTIONS

6-8

West Valley School District (Yakima)

Higher, Middle (Best), Lower Estimates and History

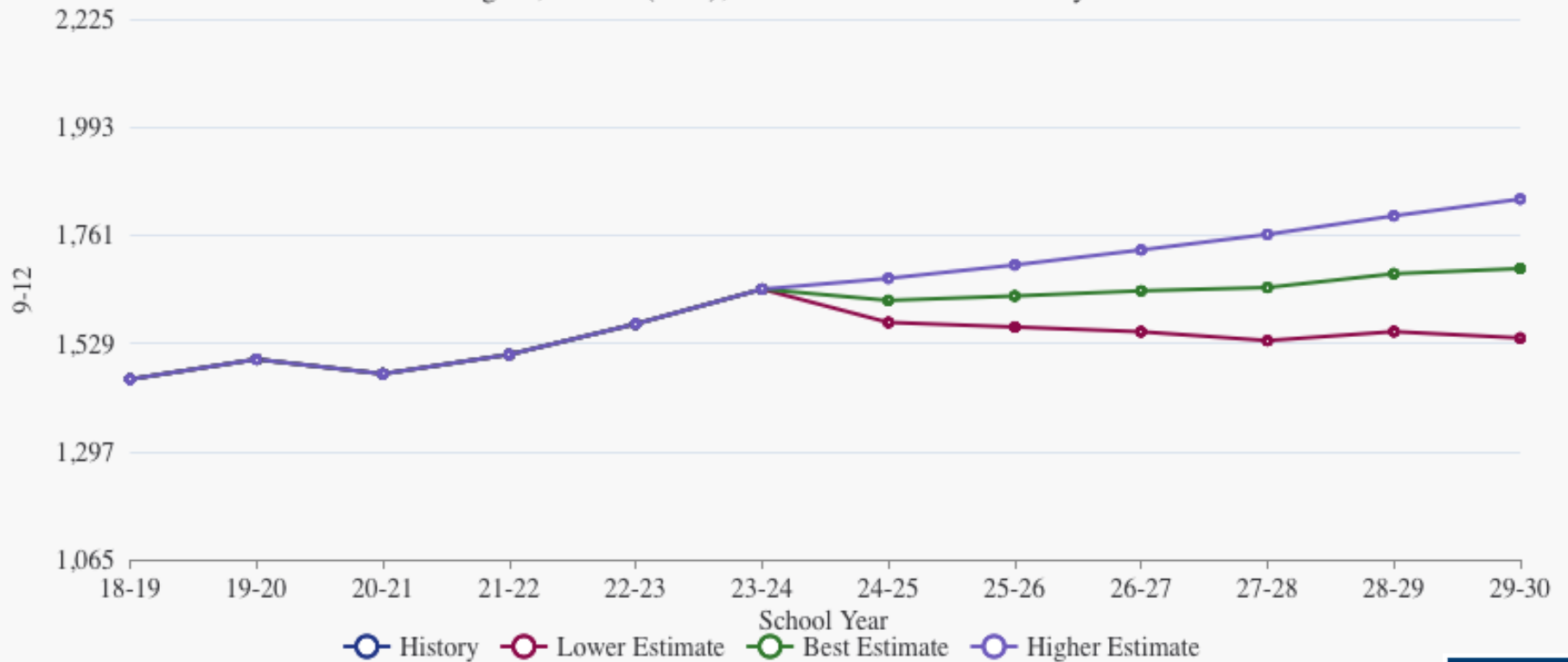


ENROLLMENT PROJECTIONS

9-12

West Valley School District (Yakima)

Higher, Middle (Best), Lower Estimates and History



PROGRAMMATIC CLASS SIZE STANDARDS

ELEMENTARY SCHOOL	
TK / PreK	21
K - Full Day (FTE)	21
Grade 1	22
Grade 2	23
Grade 3	25
Grade 4	26
Grade 5	27
Music	0
PE	0
Library	0
Computer Labs	0
Dev. Learning Classroom	17
RR, Title I, or Other Pull Out	0



PROGRAMMATIC CLASS SIZE STANDARDS

MIDDLE SCHOOL + JHS	
Grades 6	30
Grades 7-8	30
Art	30
Music	30
PE	30
Science	30
CTE	30
Dev. Learning Classroom	17
RR, Title I, or Other Pull Out	16

CLASS SIZE STANDARDS

HIGH SCHOOL	
Grades 9-12	32
Art	32
Music	32
PE	32
Science	32
CTE	32
Dev. Learning Classroom	17
RR, Title I, or Other Pull Out	16

SCHOOL CAPACITY CALCULATION ELEMENTARY

ALL ELEMENTARY SCHOOLS			
Room Name	# Rooms	Room Capacity	Subtotal Capacity
TK/PreK	4	21	84
K Full Day	19	21	399
Grade 1	19	22	418
Grade 2	17	23	391
Grade 3	18	25	450
Grade 4	17	26	442
Grade 5	18	27	486
Music	6	0	-
PE	6	0	-
Library	6	0	-
Computer Labs	7	0	-
Dev. Learning Classroom	9	17	153
RR, Title I, Pull Out	11	0	-
Open	5	24	118
Gifted	3	0	-
Total Room Count	165		2,941
IF ² (Imperfect Fit Factor)			95%
Programmatic Capacity			2,794



SCHOOL CAPACITY CALCULATION

MIDDLE SCHOOL CAMPUS

WEST VALLEY MIDDLE SCHOOL CAMPUS			
Room Name	# Rooms	Room Capacity	Subtotal Capacity
Grade 6	11	30	330
Grades 7-8	20	30	600
Art	4	30	120
Computer Labs	2	30	60
Music	4	30	120
PE	4	30	120
Science	9	30	270
CTE	4	30	120
Dev. Learning Classroom	1	17	17
RR/T-1 Pull Out	9	15	135
Total Room Count	68		1,892
Scheduling Factor			83%
IF ² (Imperfect Fit Factor)			95%
Programmatic Capacity			1,492

A scheduling factor of 83% = classroom is scheduled 5 of 6 periods



SCHOOL CAPACITY CALCULATION HIGH SCHOOL

WEST VALLEY HIGH SCHOOL			
Room Name	# Rooms	Room Capacity	Subtotal Capacity
Grades 9-12	33	32	1,056
Art	1	32	32
Music	2	32	64
PE	4	32	128
Science	8	32	256
CTE	5	32	160
Dev. Learning Classroom	4	17	68
RR/T-1 Pull Out	4	16	64
Drama	1	32	32
Health	2	32	64
ROTC	1	32	32
Total Room Count	65		1,956
Scheduling Factor			83%
IF ² (Imperfect Fit Factor)			95%
Programmatic Capacity			1,542

A scheduling factor of 83% = classroom is scheduled 5 of 6 periods



SCHOOL CAPACITY CALCULATION

INNOVATION CENTER

INNOVATION CENTER			
Room Name	# Rooms	Room Capacity	Subtotal Capacity
Grades 7-12	2	32	64
PE	2	32	64
Science	3	32	96
CTE	7	32	224
RR/T-1 Pull Out	1	32	16
Health	1	32	32
Open	3	32	96
Total Room Count	19		592
Scheduling Factor			100%
IF ² (Imperfect Fit Factor)			95%
Permanent Capacity			562



$$\text{UTILIZATION} = \text{ENROLLMENT} \div \text{CAPACITY}$$

School	Permanent Capacity	Nov 2024 Enrollment	Capacity Surplus (Deficit)	Current Utilization	Projected Enrollment 2029-30	Projected Utilization 2029-30
Ahtanum ES	421	384	37	91%		
Apple Valley ES	568	444	124	78%		
Cottonwood ES	487	363	124	75%		
Mountainview ES	290	244	46	84%		
Summitview ES	586	479	107	82%		
Wide Hollow ES	443	431	12	97%		
Elementary Total	2,794	2,345	450	84%	2,295	82%
West Valley Middle Campus	1,492	1,176	316	79%	1,258	84%
West Valley HS	1,542	1,286*	256	83%	1,299*	84%
Innovation Center	562	191	602	34%	<i>Included in 7-12 calculations</i>	

* Without Running Start and ALE



BUILDING CONDITION - PHYSICAL

Each system sub-score is “weighed” according to its proportional value to the building as a whole

95+	Excellent: The building and/or a majority of its systems are in excellent condition and only require preventative maintenance
85-94	Good: The building and/or a majority of its systems are in good condition and only require routine maintenance.
62-84	Fair: The building and/or some of its systems are in fair condition and require minor repair.
30-61	Poor: The building and/or a significant number of its systems are in poor condition and require major repair or renovation.
Below 30	Unsatisfactory: The building and/or a majority of its systems should be considered for replacement.

BUILDING CONDITION - PHYSICAL

School	Built / Renovated	Physical Condition Score	Physical Condition Description
Ahtanum ES	1950/1957/1960/1993	52.19	Poor
Apple Valley ES	2020	100.00	Excellent
Cottonwood ES	1992	61.50	Poor/Fair
Mountainview ES	1949/1959/1993	62.69	Poor/Fair
Summitview	2020	100.00	Excellent
Wide Hollow	1932/1986	72.22	Fair
West Valley MS	1995	79.46	Fair
West Valley JHS	1978	61.10	Poor/Fair
West Valley HS	1992/2008	90.00	Good
Innovation Center	1950/2009	88.35	Good

BUILDING CONDITION - FUNCTIONAL

- Space sizes, adjacencies, utilities, surfaces, daylight, access, fixed equipment, and storage
- The program, or “school”, is assessed as a unit

90+	Good: The facility design supports the educational program offered. It may have minor functional adequacy problems but generally meets the needs of the educational program.
75-89	Fair: The facility has some problems meeting the needs of the educational program and may require some improvements.
50-74	Poor: The facility has numerous problems meeting the needs of the educational program and needs significant improvements.
Below 50	Unsatisfactory: The facility is functionally inadequate and does not support the educational program in many areas.

BUILDING CONDITION - FUNCTIONAL

School	Functional Adequacy Score	Functional Adequacy Description
Ahtanum ES	70	Poor
Apple Valley ES	96	Good
Cottonwood ES	85	Fair
Mountainview ES	58	Poor
Summitview	98	Good
Wide Hollow	89	Fair/Good
West Valley MS	83	Fair
West Valley JHS	86	Fair
West Valley HS	92	Good
Innovation Center	100	Good

COMBINED DATA

School	Permanent Capacity	Nov 2024 Enrollment	Current Utilization	Projected Enrollment 2029-30	Projected Utilization 2029-30	Physical Condition	Functional Adequacy
Ahtanum ES	421	384	91%			Poor	Poor
Apple Valley ES	568	444	78%			Excellent	Good
Cottonwood ES	487	363	75%			Poor/Fair	Fair
Mountainview ES	290	244	84%			Poor/Fair	Poor
Summitview ES	586	479	82%			Excellent	Good
Wide Hollow ES	443	431	97%			Fair	Fair/Good
Elementary Total	2,794	2,345	84%	2,295	82%		
West Valley Middle Campus	1,492	1,176	79%	1,258	84%	Fair (MS) Poor/Fair (JHS)	Fair (MS) Fair (JHS)
West Valley HS	1,542	1,286*	83%	1,299*	84%	Good	Good
Innovation Center	562	191	34%	<i>Included in 7-12 calculations</i>		Good	Good



INITIAL FINDINGS ENROLLMENT

Elementary enrollment may slightly decrease in the coming years, reflective of state and national trends caused primarily by lower birth rates.

Middle and High School enrollment is anticipated to remain relatively stable in the coming years, with some eventual declines related to smaller elementary class sizes.



INITIAL FINDINGS

CAPACITY & UTILIZATION

Elementary level capacity across the district is comfortably sufficient for the current and projected enrollment. With the exception of Wide Hollow, no schools are nearing maximum utilization.

There is sufficient capacity at the Middle Campus and the High School for the current and projected enrollment. Current utilization allows for class sizes to be smaller than the maximum.

The Innvotion Center has extra capacity in their current spaces, and there are spaces being utilized by district programs. This school has the ability to grow in size substantially before requiring additional space.



INITIAL FINDINGS

PHYSICAL CONDITION

Three elementary buildings and the Junior High were rated as “Poor” in physical condition. Of these, all but one, Ahtanum, were on the transition between “Poor” and “Fair”.

The remainder of the schools were in fair, good or excellent condition.

INITIAL FINDINGS

FUNCTIONAL ADEQUACY

Two elementary school buildings, Ahtanum and Mountainview, were scored as “Poor” in their functional adequacy to deliver the educational program. This is primarily due to their lack of a cafeteria and elements of their 1950’s design.

The remainder of the district buildings scored “Fair” or “Good” in functional adequacy. (There is no “excellent” category in this area).



QUESTIONS - CLARIFICATIONS



Next Meeting

Tuesday January 7, 2025

5:30pm – 7:00pm

Junior High School Library

