



Lake Washington – Facility Planning

Lake Washington School District is Growing!



By about 425 students a year over the next five years...

That's equal to...



A whole elementary school each year!

How do we know?

- **Kindergarten** - projected from King County birth information



How do we know?

- **Tracking cohorts - groups of students in the same grade that move together through the system**



How do we know?

- **New housing** – track the number of students generated from completed developments within the last five years, then apply the trend to planned future development



Population Changes

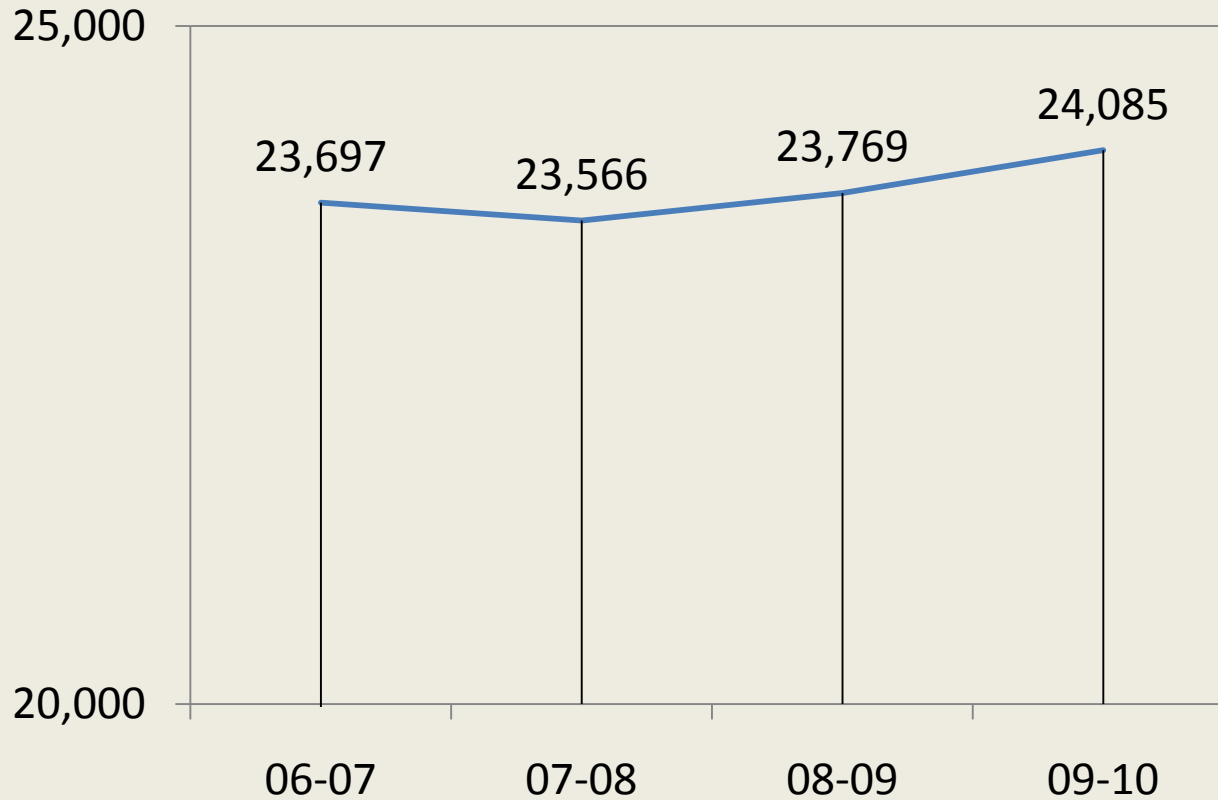
- ↑ King County Births up 10% starting in 2005, and sustained for several years (impacts 2011-12 incoming class)
- ↑ More students stay with us from kindergarten to 1st grade
- ↑ Incoming elementary classes are nearly 200 students larger than the average size of secondary grade classes graduating

Housing Changes

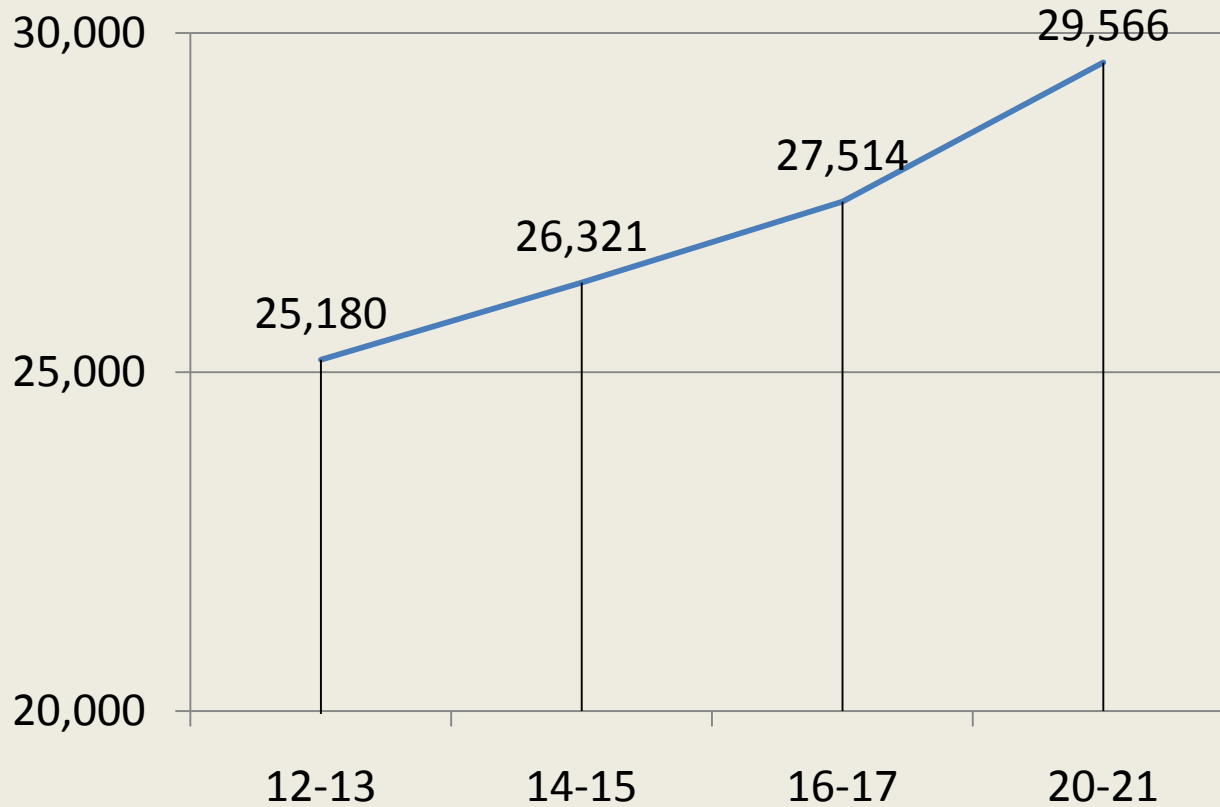
- There is new development in the eastern portion of the district with infill in other areas



Total Students - Growing



Total Students - Projections



Determining Space Needs

Once student enrollment projections are done, how many students can be housed at each school?

Depends on...

- Standards for using school spaces
- Number of classrooms & portables at sites
- Overall capacity of sites



School Space Expectations

Standard Space Examples, all schools:

- Classrooms, Shared Instructional Areas, Small Group Meeting Rooms, Teacher Planning Space, Library
- Other spaces, elementary:
Art/Science Room, Music Room, Computer Lab, Commons/Gym, Resource Room
- Secondary: Commons, Phys. Ed. Spaces, Music spaces, Student Store



Current assumptions

Assumptions that impact how much classroom space is needed:

- All-day Kindergarten for all students
- No preschool expansion
- No expansion for ELL, Safety Net

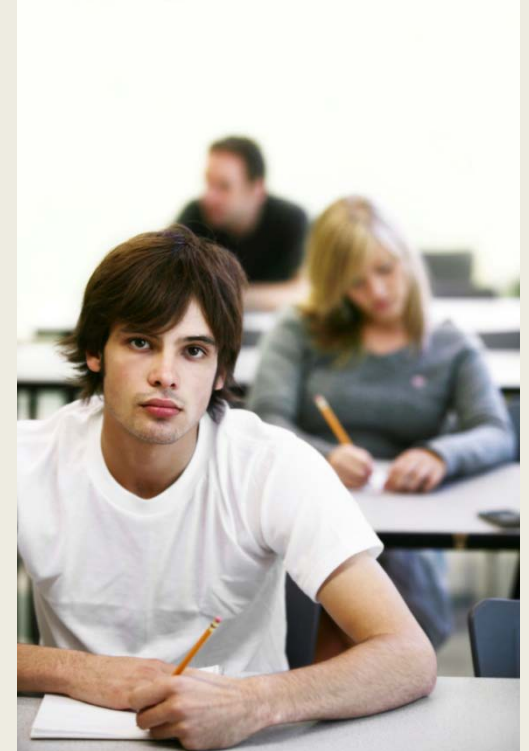


Number crunching

- District staff **projected population growth for each district school** and found widespread issues of overcrowding coming soon
- Looked at **alternatives to use current available space more efficiently**, such as feeder pattern changes that move students from where space is needed to where it is available

Community preferences?

- Community surveys and feedback show a **preference for building at the high school** level rather than elementary
- Community surveys and feedback show a **preference for changing grade configuration**



Options Considered

After reviewing enrollment projections, several options were reviewed in detail to determine impacts, costs

- No changes including no new building
- Adjust feeder schools to balance east and west enrollment at secondary
- Adjust feeder schools and grade configuration

With no change – Redmond area

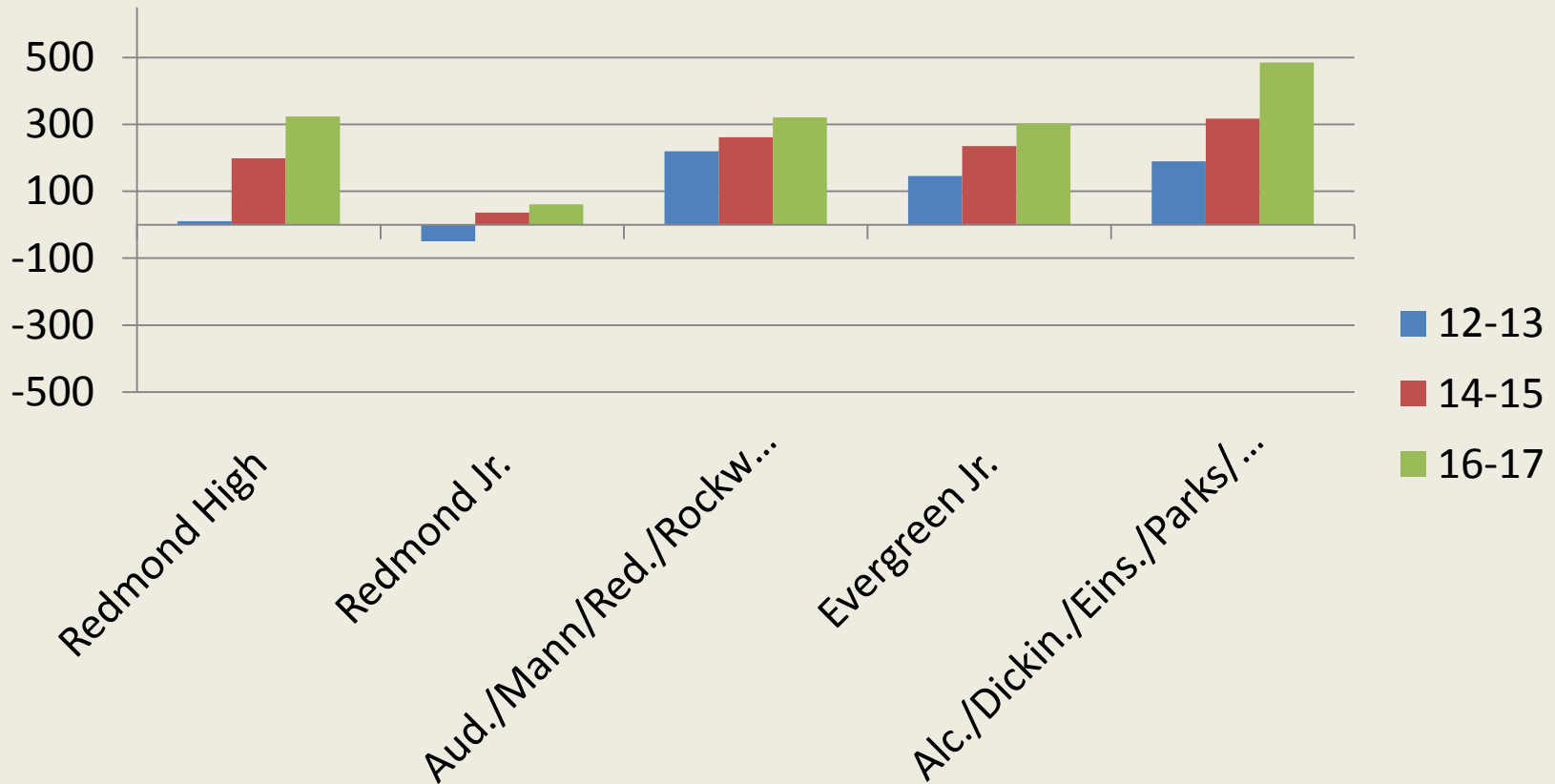
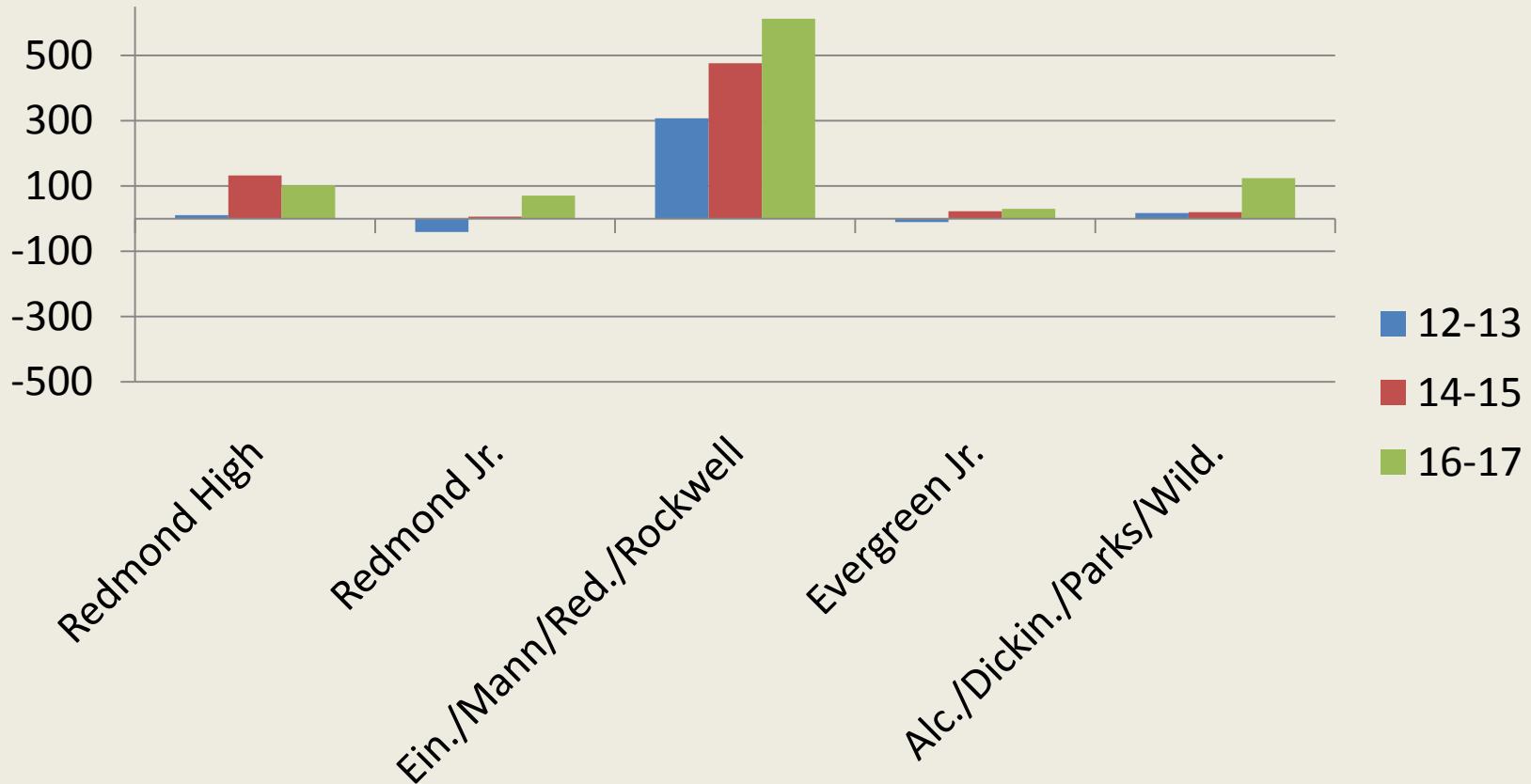


Chart shows the difference between school's total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the capacity. Positive numbers mean projected enrollment is above the capacity.

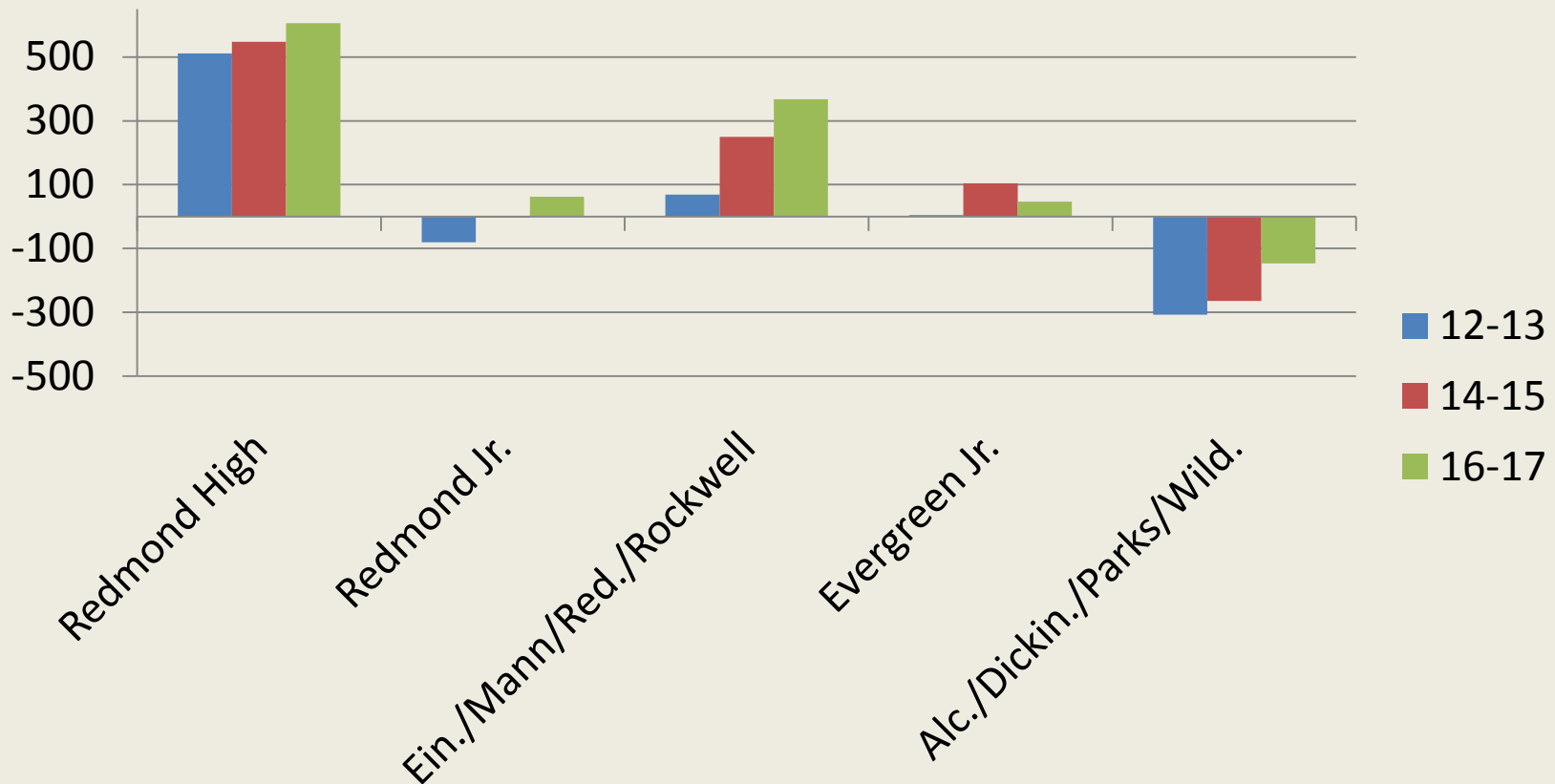
With feeder change – Redmond area



Audubon moves to Lake Wash. LC, Einstein moves from Evergreen Jr. to Redmond Jr.

Difference between school's total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the building's capacity. Positive numbers mean projected enrollment is above the capacity.

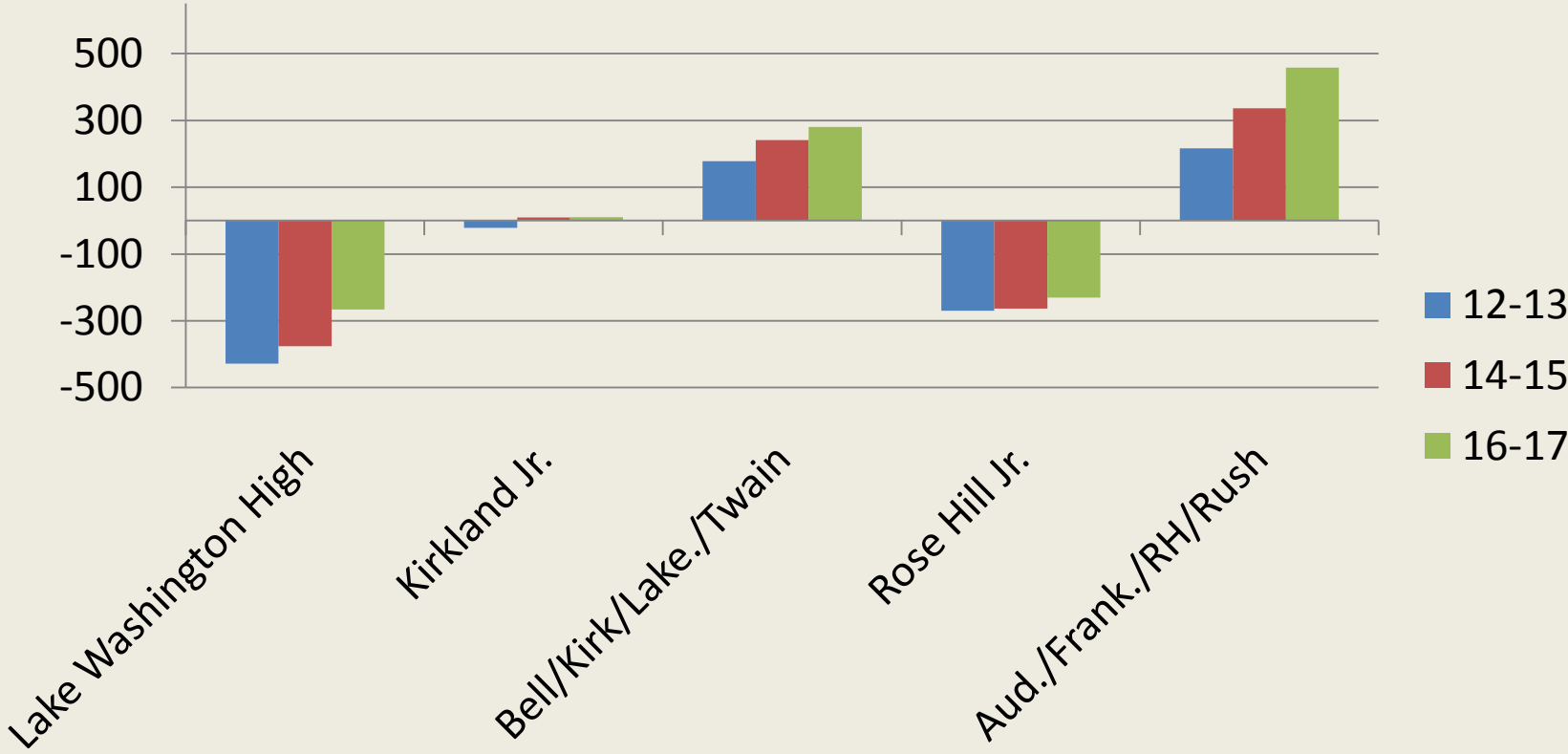
With feeder change and school grade configuration change – Redmond area



Audubon moves to LWLC; Einstein to Redmond Jr.; K-6/7-9/10-12 changes to K-5/6-8/9-12

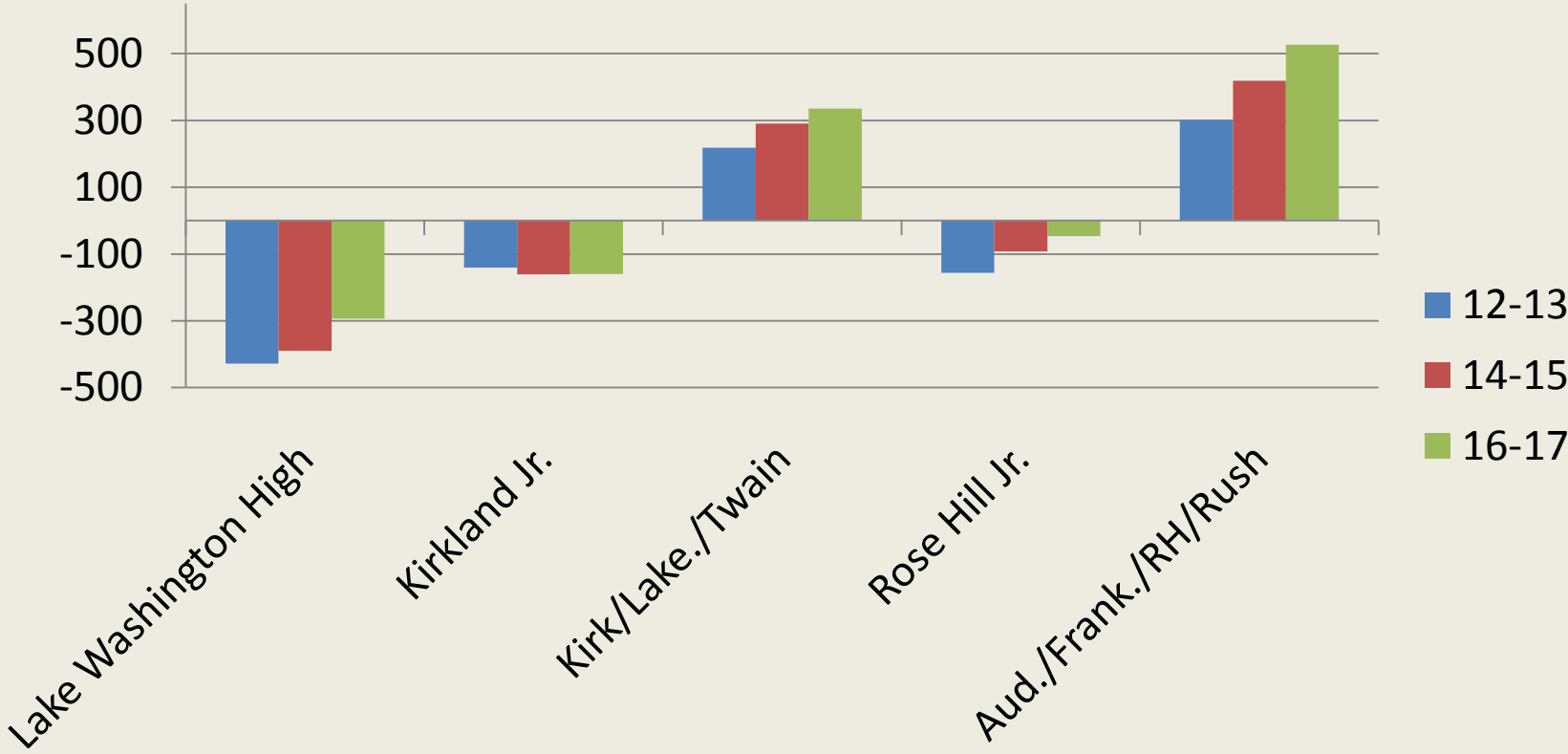
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With no change – Lake Washington area



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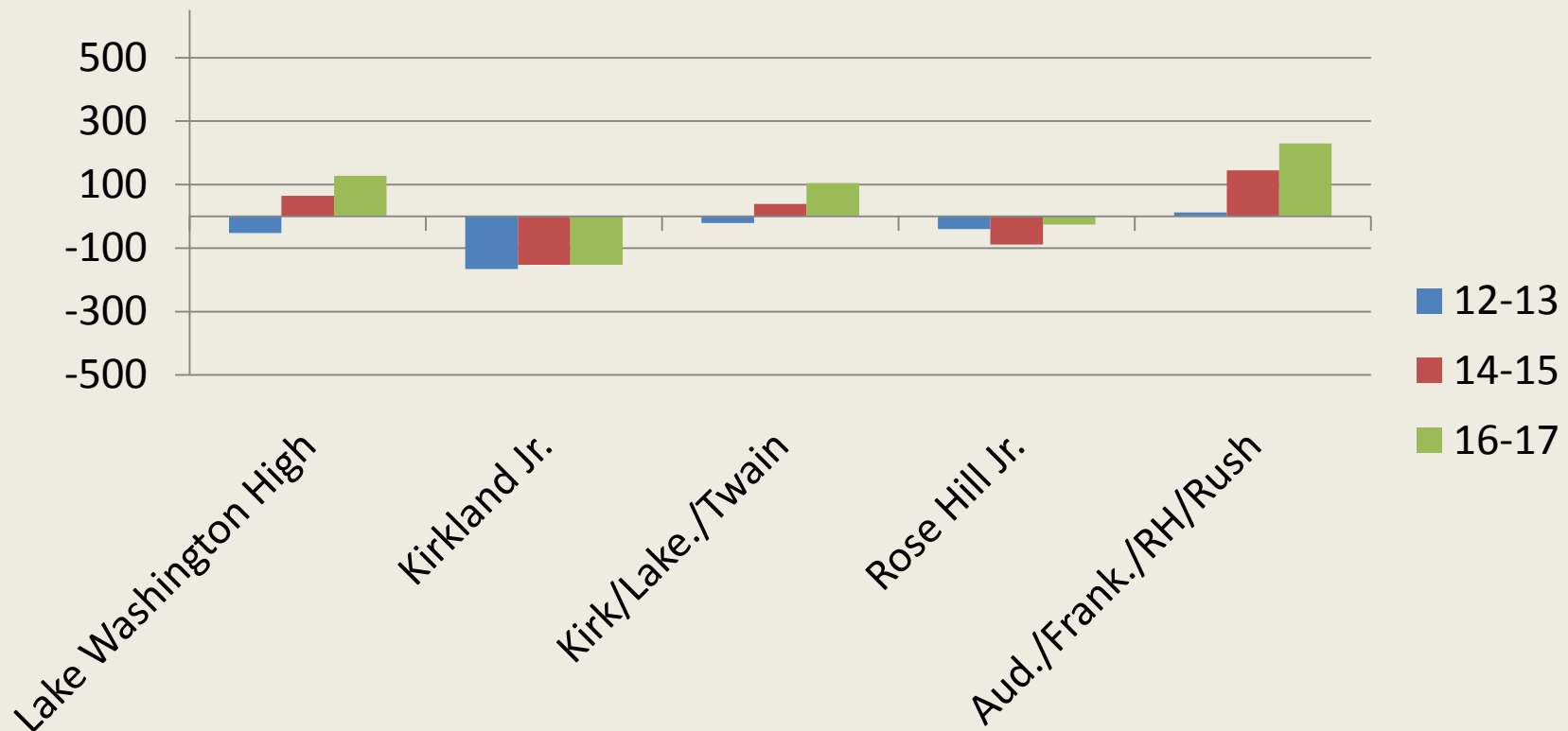
With feeder change – Lake Washington area



Bell moves to Juanita LC and Audubon moves to LWLC

Difference between school's total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the building's capacity. Positive numbers mean projected enrollment is above the capacity.

With feeder change and school grade configuration change – LW area



Bell moves to Juanita LC, Audubon moves to LWLC; grades change to K-5/6-8/9-12

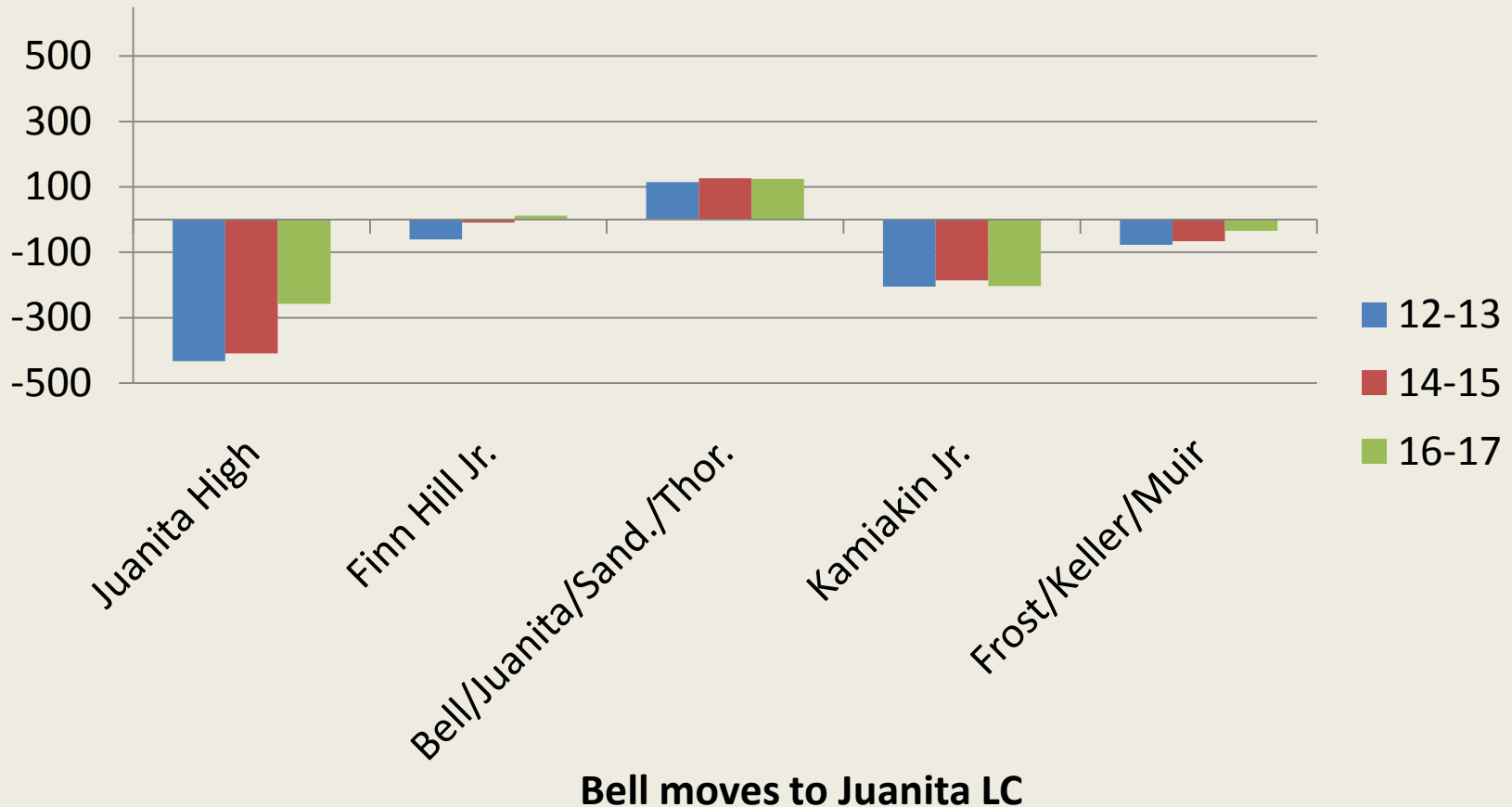
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With no change – Juanita area



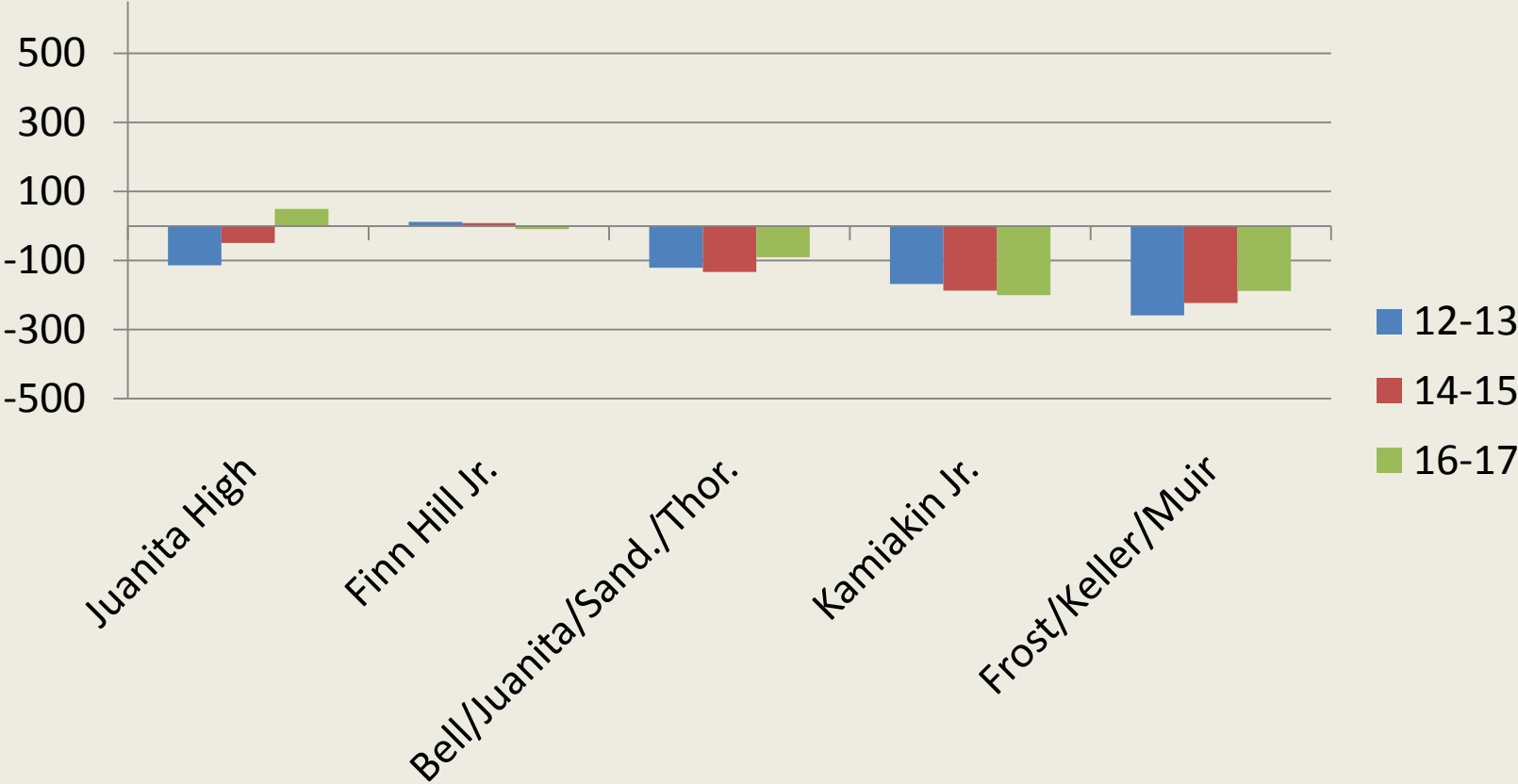
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With feeder change – Juanita area



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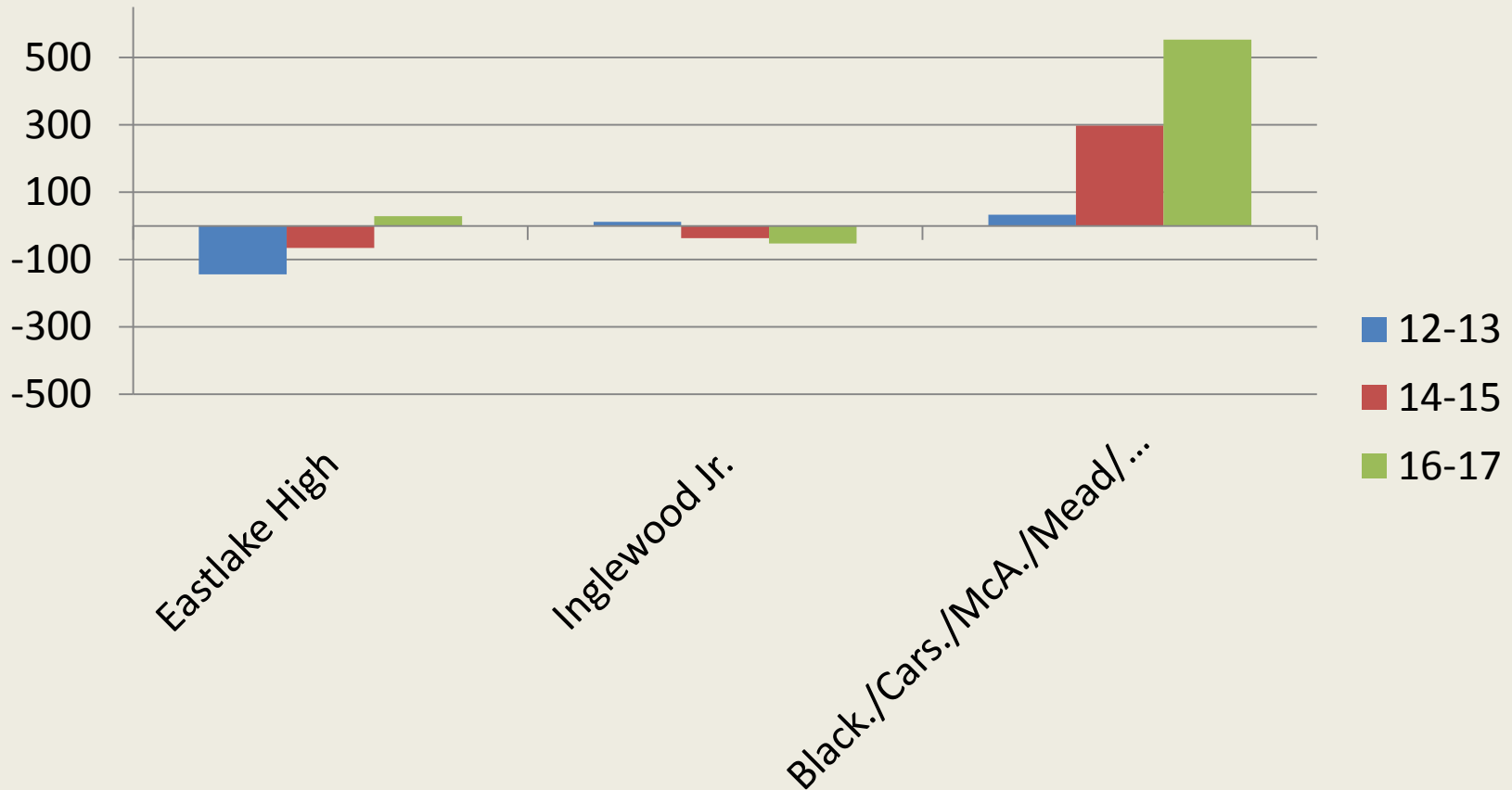
With feeder and school grade configuration change – Juanita area



Bell moves to Juanita LC, K-6/7-9/10-12 changes to K-5/6-8/10-12

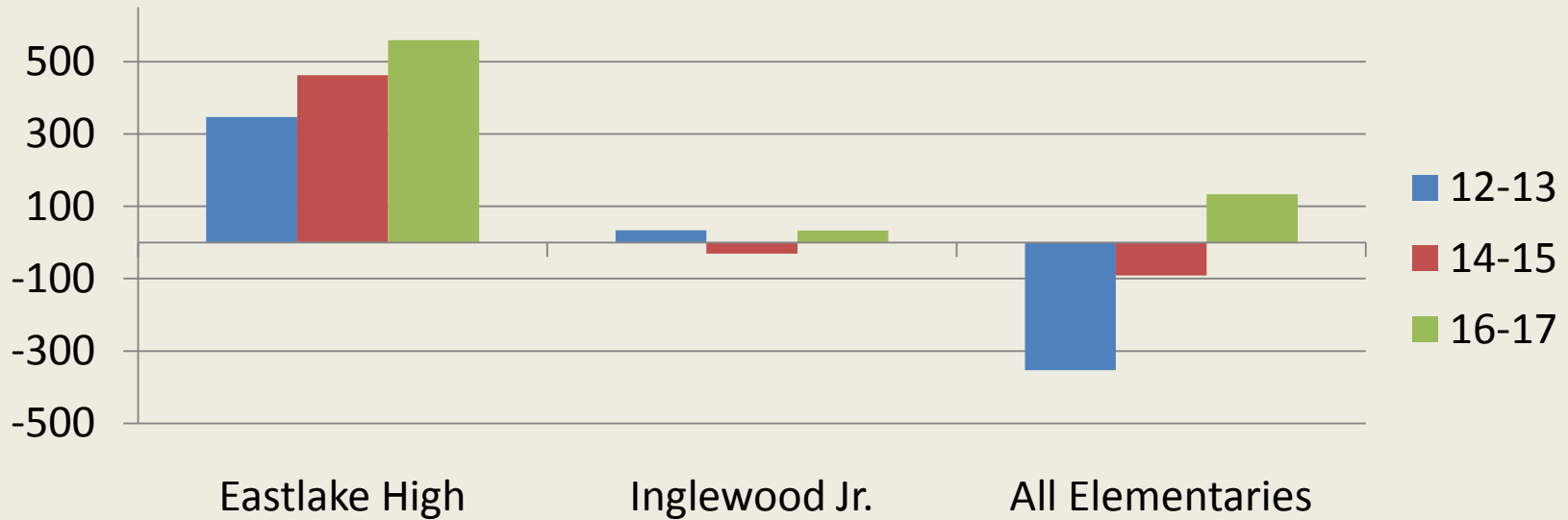
Difference between school’s total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the building’s capacity. Positive numbers mean projected enrollment is above the capacity.

With no change – Eastlake area



Difference between school's total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the building's capacity. Positive numbers mean projected enrollment is above the capacity.

With school grade configuration change – Eastlake area



No feeder changes anticipated in Eastlake LC, grade changes from K-6/7-9/10-12 to K-5/6-8/9-12

Difference between school's total capacity and projected enrollment. Negative numbers mean the projected enrollment is below the building's capacity. Positive numbers mean projected enrollment is above the capacity.

Additional Adjustments

Options for other adjustments to accommodate more students:

- Add portables up to site capacity
- Change space expectations such as eliminating computer labs and instead providing a set of notebook computers that can be moved from classroom to classroom; use current art or science rooms at elementary for a classroom
- Boundary adjustments



No change – Costs, Impacts

- Elementary
 - Would require addition of over 100 portables short term to accommodate growing enrollment and All Day Kindergarten
 - OR 50 portables plus elimination of All Day Kindergarten
- Secondary
 - Would require addition of 28 portables
- Boundary process
 - Would require significant district wide process to move students to available classrooms for elementary
- Portable costs \$16 million for 128+ portables, equivalent to four elementary schools and ½ of a junior high

Feeder change – Costs, Impacts

(Bell to Finn Hill, Audubon to Rose Hill, Einstein to Redmond)

- Elementary
 - Would require addition of over 100 portables to accommodate enrollment plus All Day Kindergarten
 - OR 50 portables plus elimination of All Day Kindergarten
- Secondary
 - Would substantially balance secondary enrollments, would require addition of 9 portables.
- Boundary process
 - Would require significant district wide-process to move students to available classrooms for elementary
- Portable costs \$13.6 million for 109+ portables, equivalent to four elementary schools

School Configuration & Feeder change

– Costs, Impacts

- Elementary
 - Would require addition of less than 10 portables
 - Would allow space for All-Day Kindergarten & other programs
- Secondary
 - Would require additional classroom space
 - OR double shifting of High Schools
- Boundary process
 - Limited in scope, new schools, high growth areas or minor adjustments

School Configuration & Feeder Change

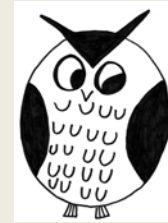
– Costs, Impacts, cont.

- Capital costs
 - Elementary portables - \$1,250,000 for 10 portables
 - Junior High portables - \$ 875,000 for 7 portables
 - Senior High
 - Double shift to house added enrollment - \$0
 - Additional Permanent Classrooms - \$50 million, requiring passage of a bond or levy measure
 - RHS 250 student addition
 - EHS 250 student addition
 - Choice campus 675 student addition

Decision 1

Feeder changes, effective 2012-13

- **Audubon** feeds into **Rose Hill Jr./Lake Washington High** instead of Redmond Jr./Redmond High
- **Bell** feeds into **Finn Hill Jr./Juanita High** instead of Kirkland Jr./LWHS
- **Einstein** feeds into **Redmond Jr.** instead of Evergreen Jr.



Feeder change impact

- **Reduces overcrowding in Redmond** and takes advantage of some of the space available in the Juanita LC at no financial cost
- **Changes the expected** junior high and high school for all students at two schools and the expected junior high for all students at one school.
- **Takes time** to reach its full impact

Decision 2

Grade configuration change to K-5/6-8/9-12 effective 2012-13

- Shifts overcrowding issue from the elementary schools to the high school level, which is the community preference
- Educational benefits to 9th graders who begin their high school career in high school



Grade change impact

- No change in school assignment
- Two years to prepare, work out teacher placement/certification
- In 2012-13, junior highs become middle schools and accept two new classes, 6th and 7th graders
- High schools must prepare to welcome 9th graders
- Need space at high schools



Still to be determined

- Space needs at the high school level: how do we meet those needs?
- Balancing elementary populations: some schools are overcrowded while others nearby have room

Next steps

- Announcement to staff, community tomorrow
- Background information on website
- Begin preparation for feeder pattern changes – communication to impacted schools tomorrow
- Begin groundwork to be laid for grade configuration changes
- **Fall 2010:** public input process to determine how to handle high school space needs, examining all options including a levy or bond for these specific space needs