



Arvada student enrollment forecasts

ARVADA, ARVADA WEST, POMONA AND RALSTON VALLEY
ARTICULATION AREAS

NOVEMBER, 2024 VINTAGE

A note on methodology



Underlying Populations

Within school boundary – project share of births that will remain in school boundary when child becomes school-age

Elsewhere in JPS – Difference between the SDO forecast for Jefferson County and CFC's forecast for the school boundary area

Yields forecast econometrically using historical yields to project future yields.

All **forecast histories** adjusted for consolidations using JPS student data from June 2024.

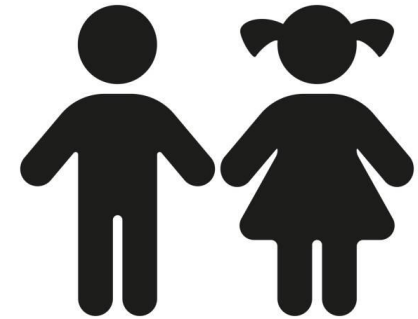
Forecast drivers of underlying population



Births and
forecasts of future
births



Forecasting births
sensitive to
forecast of
females of
childbearing years
and fertility trends



Translating to underlying
population sensitive to
the relationship between
births in the school
boundary area and school
aged children who live in
the boundary in
subsequent years

Setting the context

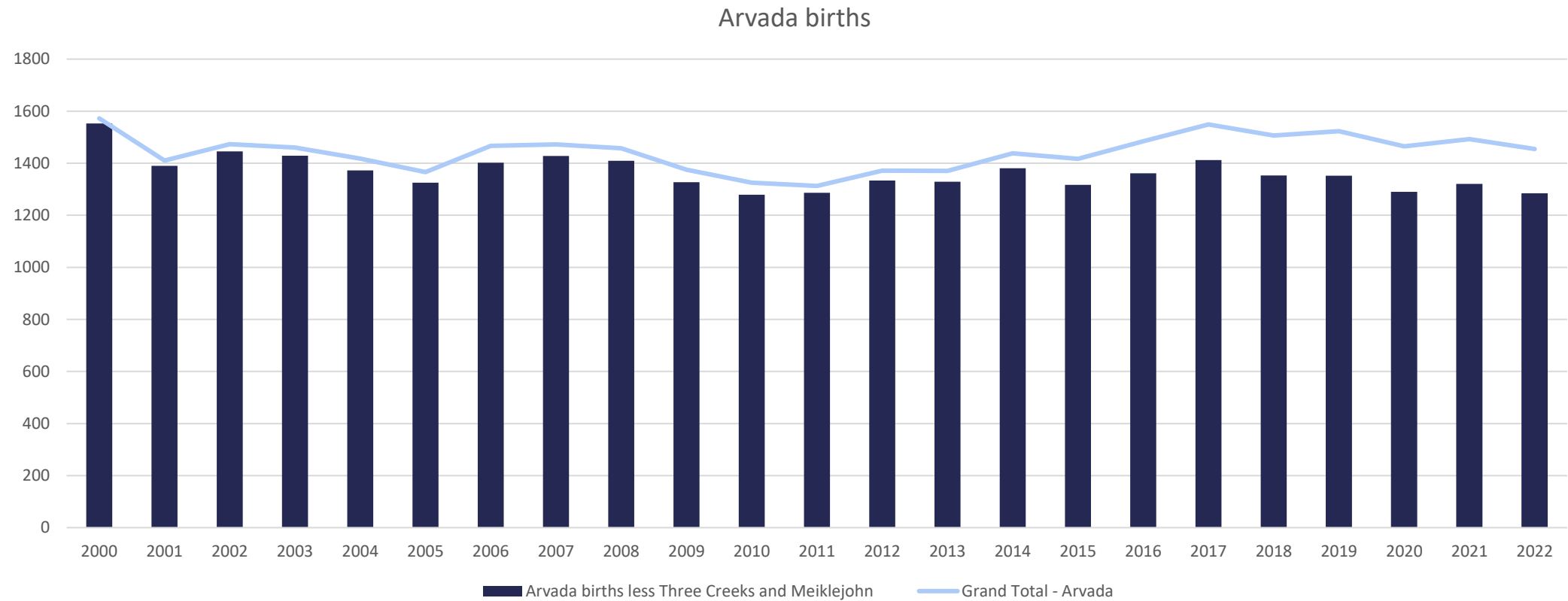
BIRTHS

AGING

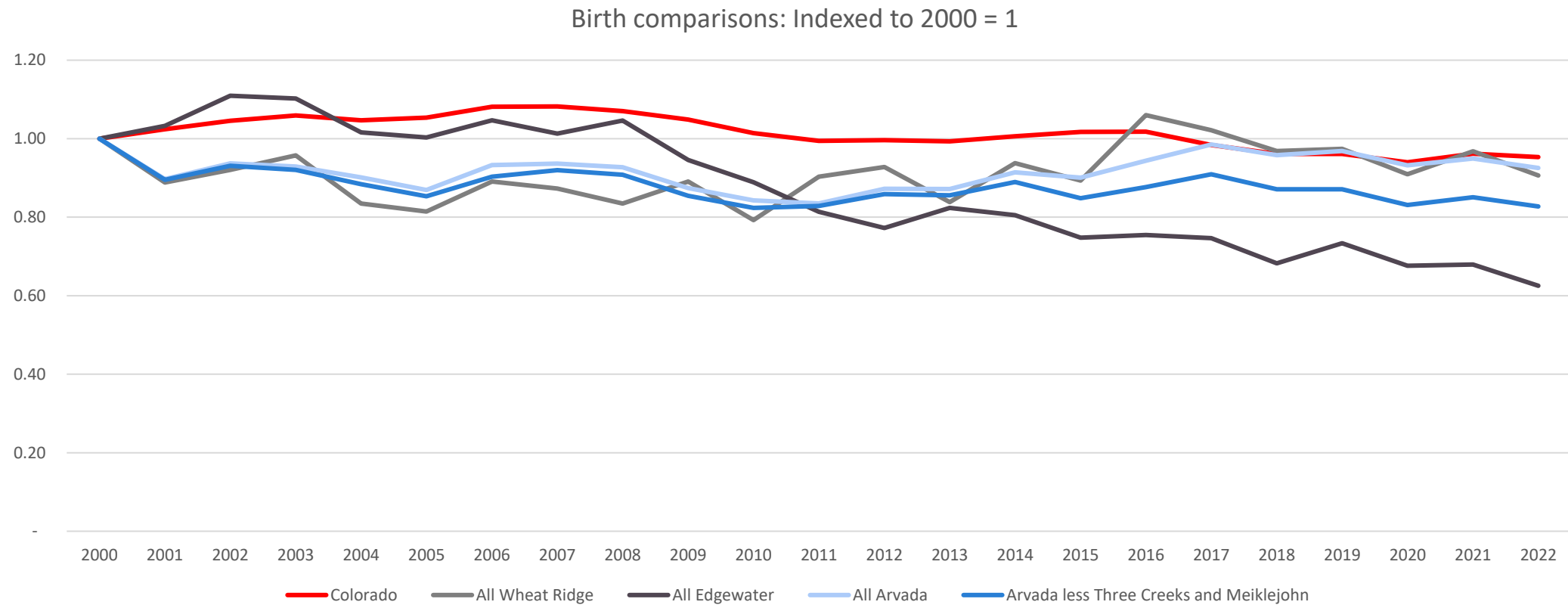
HOUSING TENURE

MIGRATION

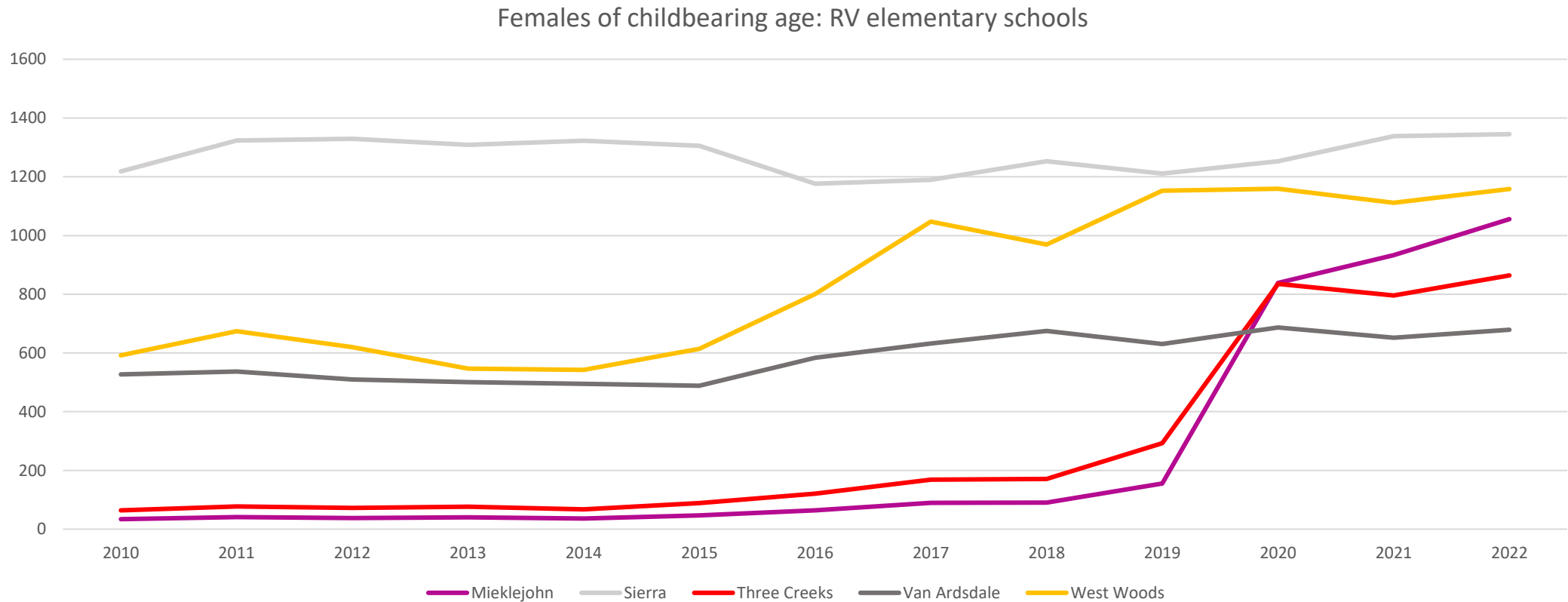
Three Creeks and Meiklejohn bolstering Arvada births



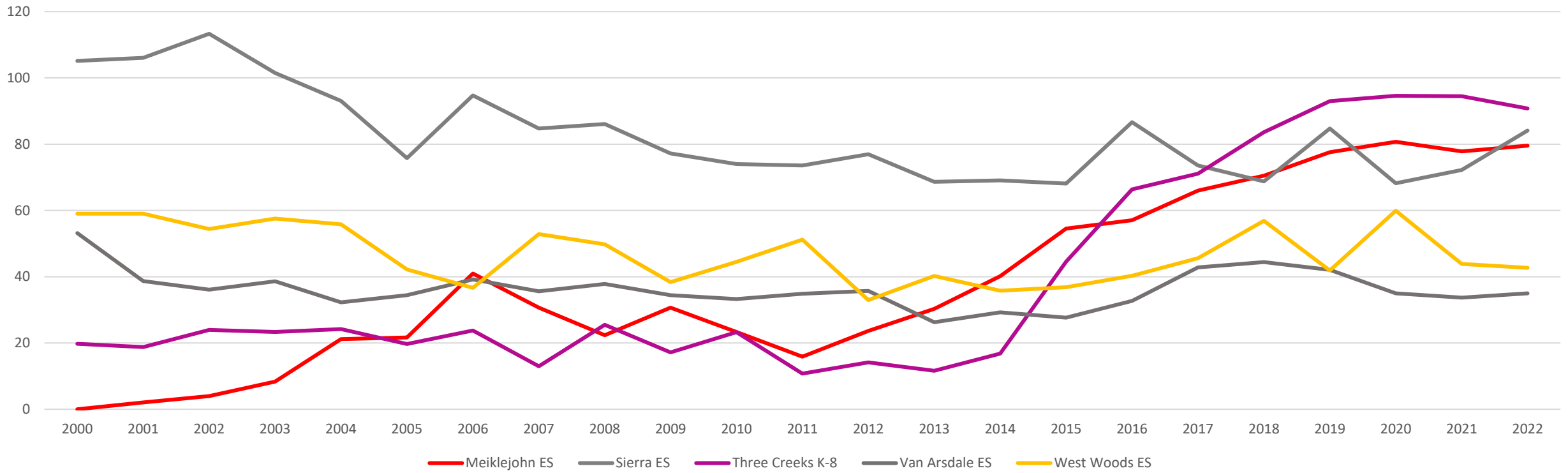
Births in Three Creeks and Meiklejohn returning Arvada to statewide trajectory Without them, Arvada births lagging Colorado



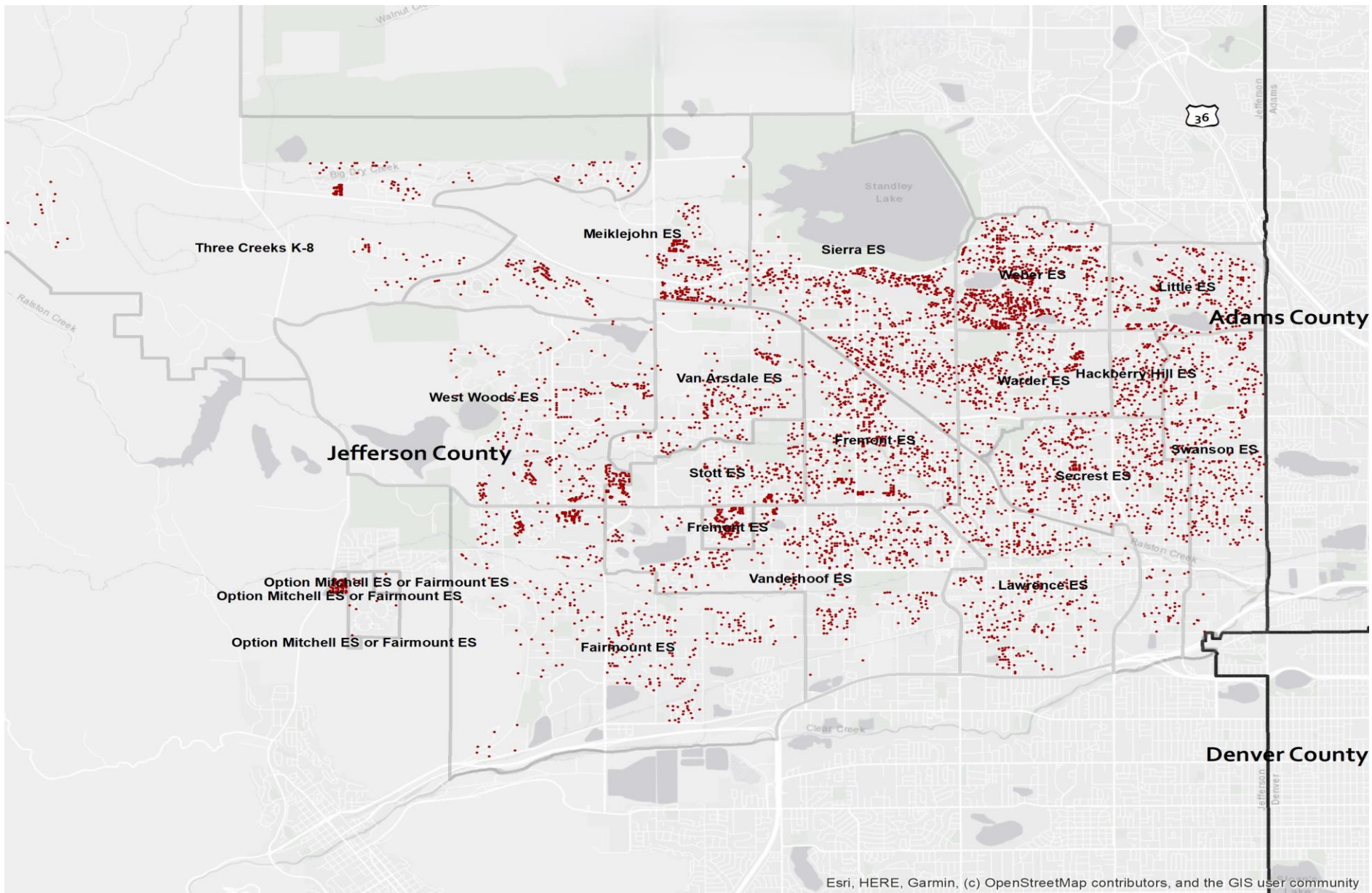
Females of childbearing age increasing in Ralston Valley elementary schools



Births: Ralston Valley elementary schools



Interestingly, the spike in females in West Woods has not resulted in a commensurate spike in births as it has in Meiklejohn and Three Creeks (see orange line).

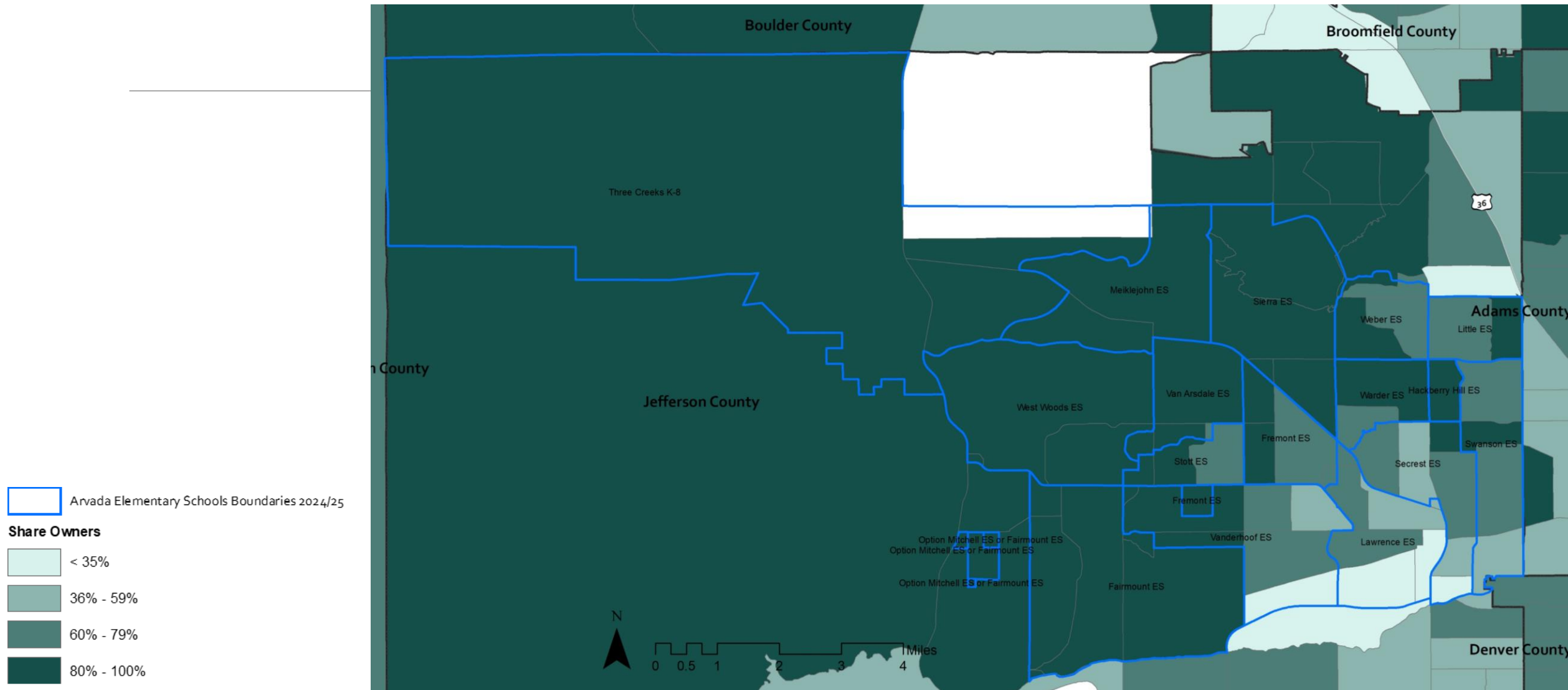


Voters over the age of 75 distributed throughout Avada

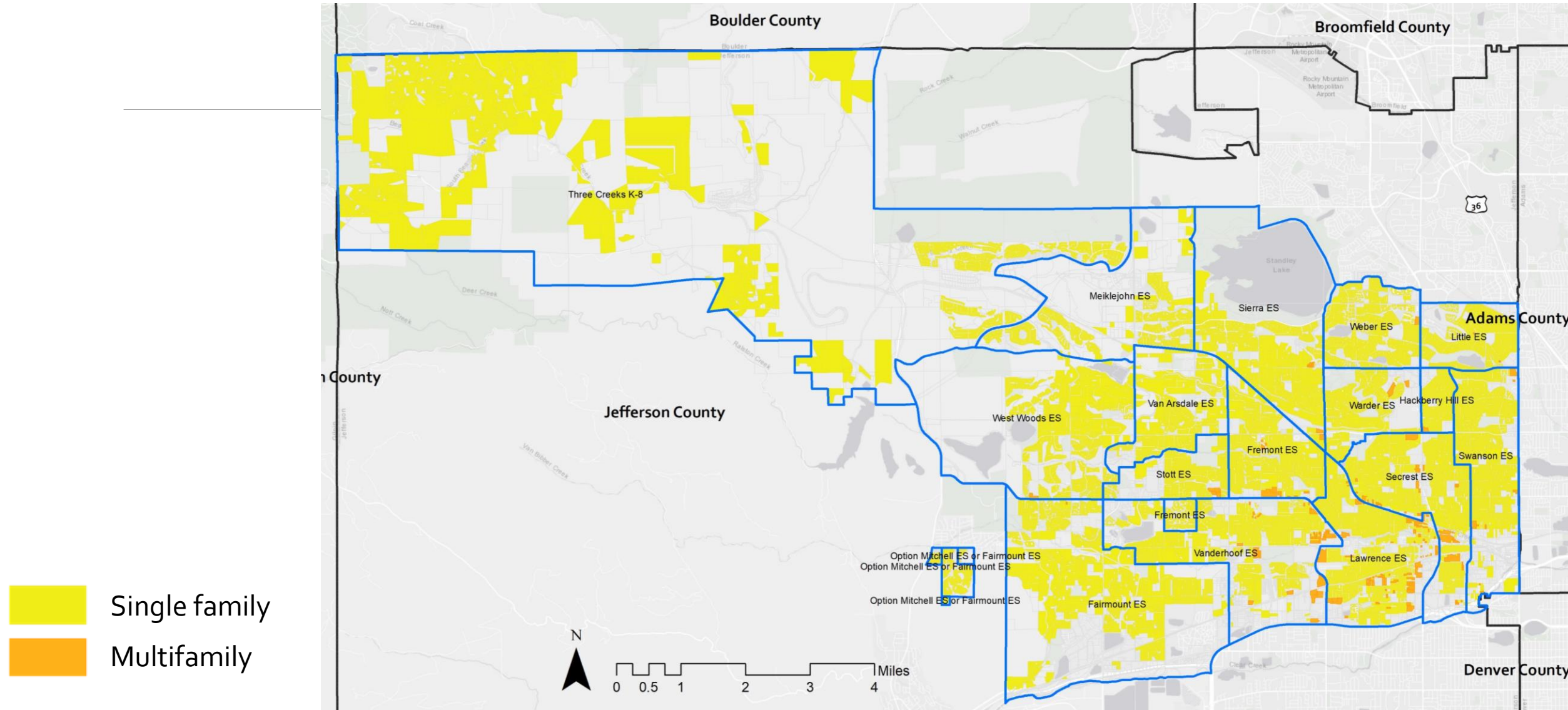
More heavily concentrated in the Weber and Fremont Elementary School boundaries

● Over 75 Voters

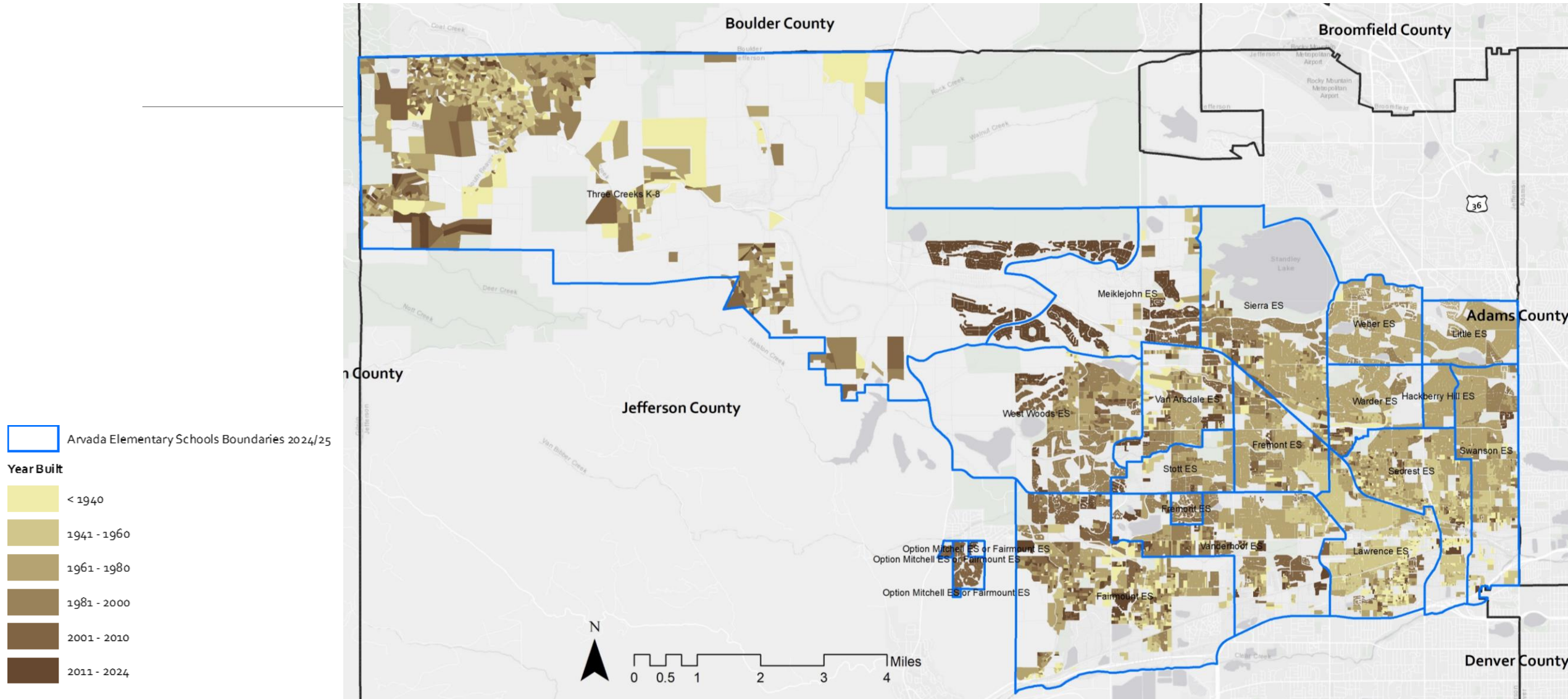
Arvada housing predominately owner occupied



Arvada housing predominately single family



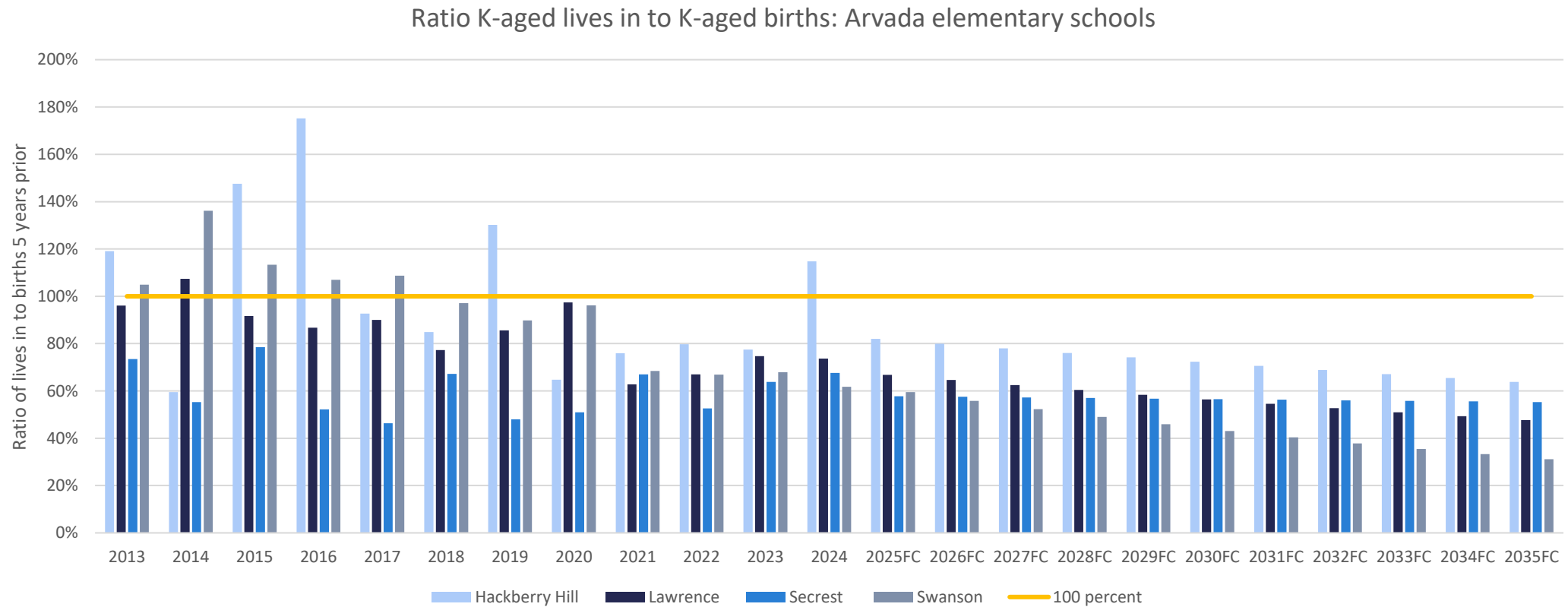
Housing inventory generally gets newer as move west



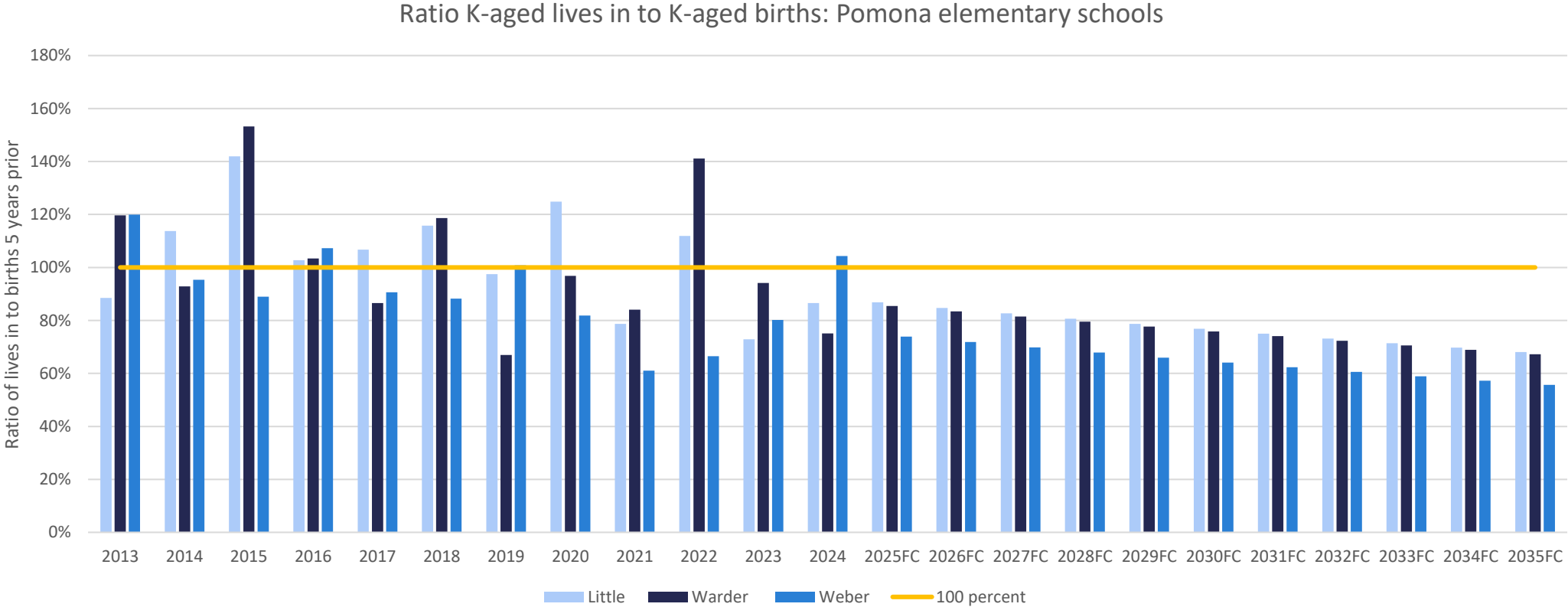
Migration

ARVADA SCHOOLS “IMPORT” SLIGHTLY MORE K-AGED STUDENTS AS
MOVE WEST

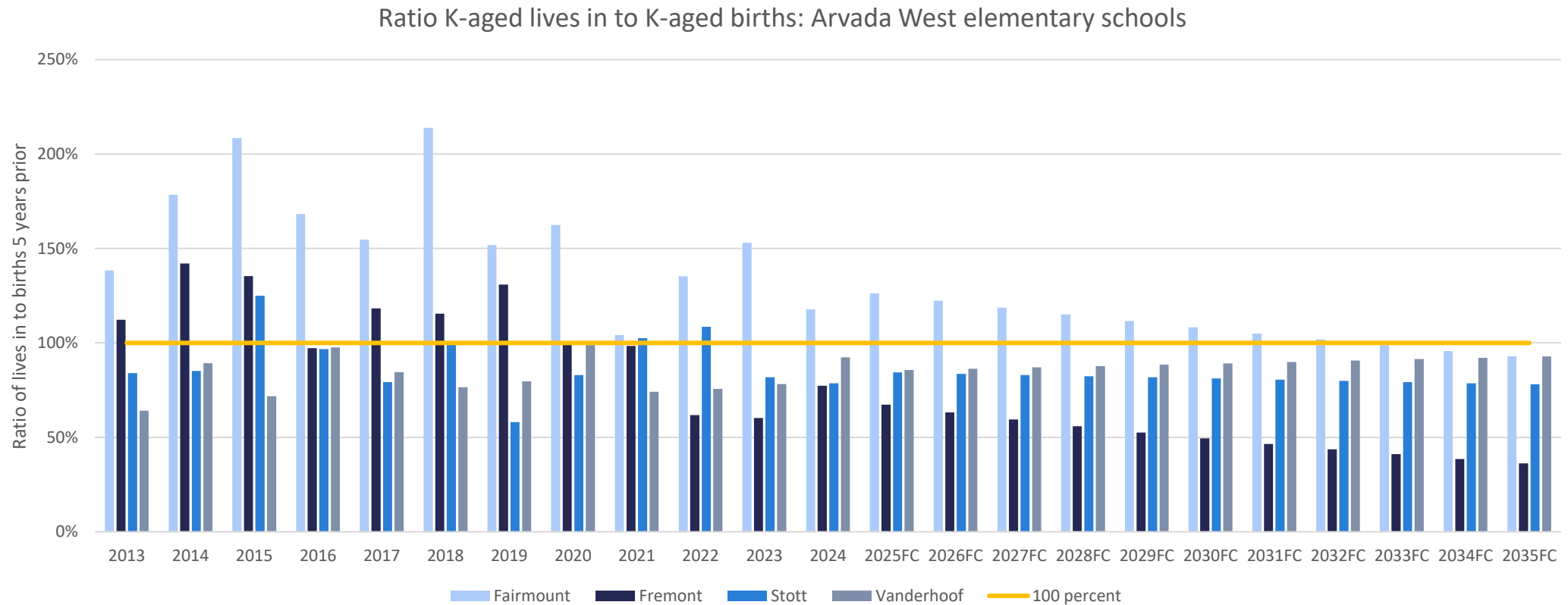
Arvada articulation area elementary schools



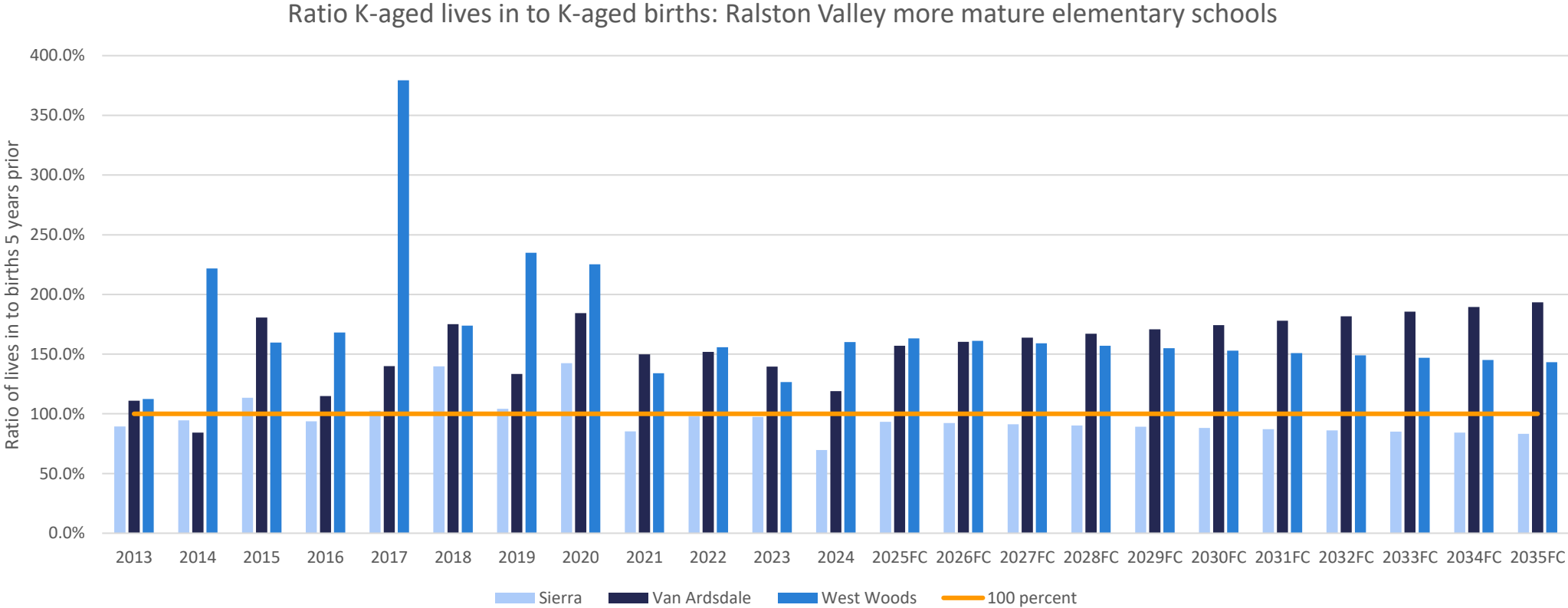
Pomona articulation area elementary schools



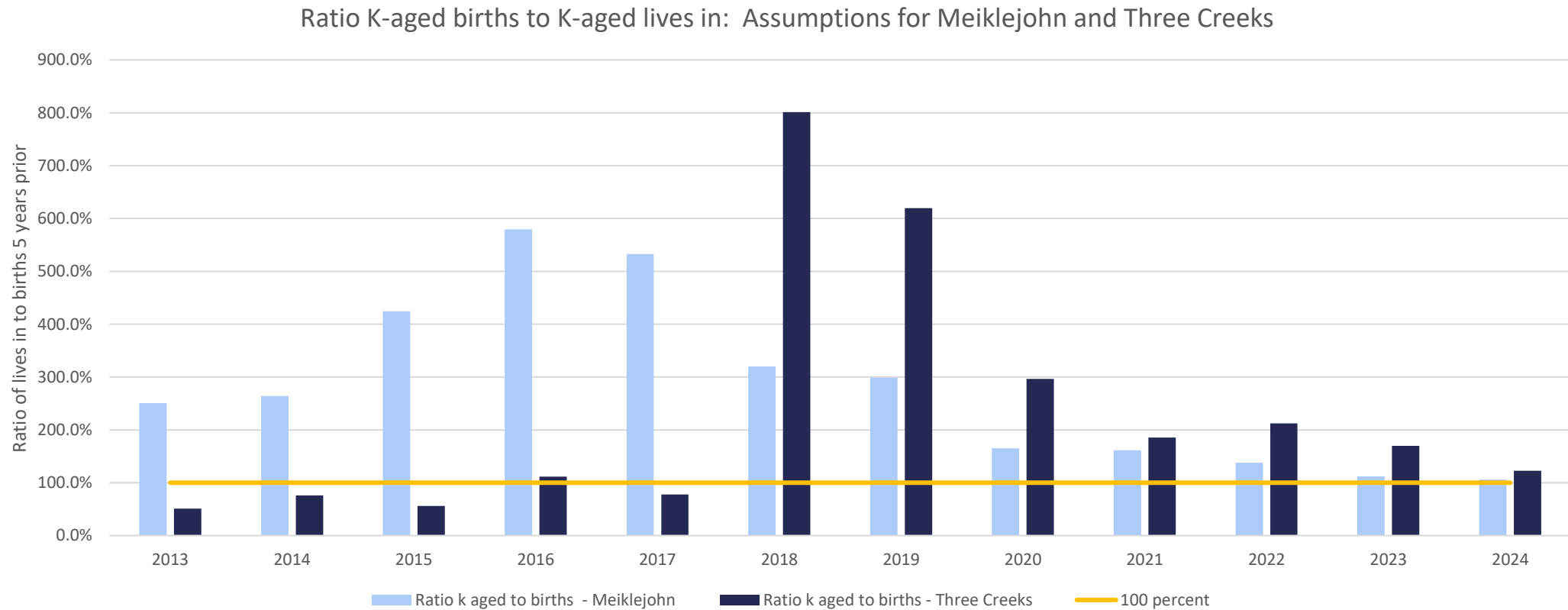
Avada West articulation area elementary schools



Ralston Valley articulation area elementary schools: More mature areas



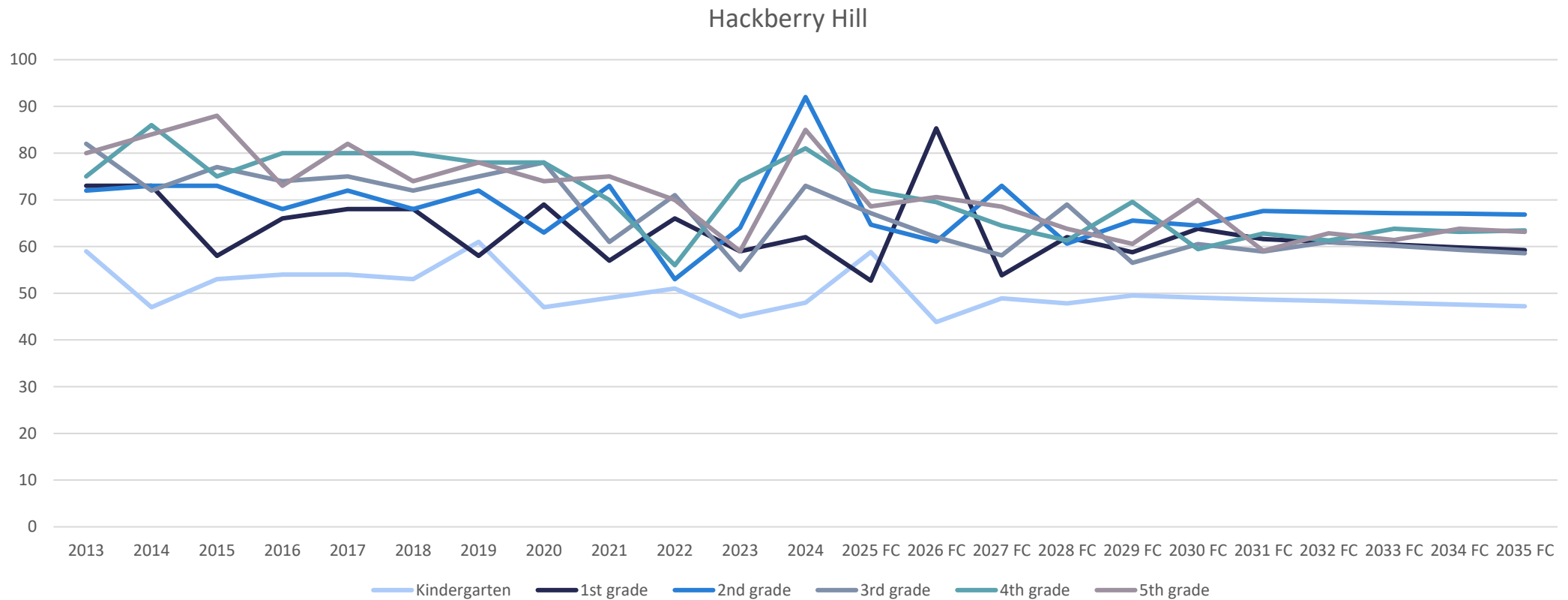
Three Creeks and Meiklejohn still normalizing



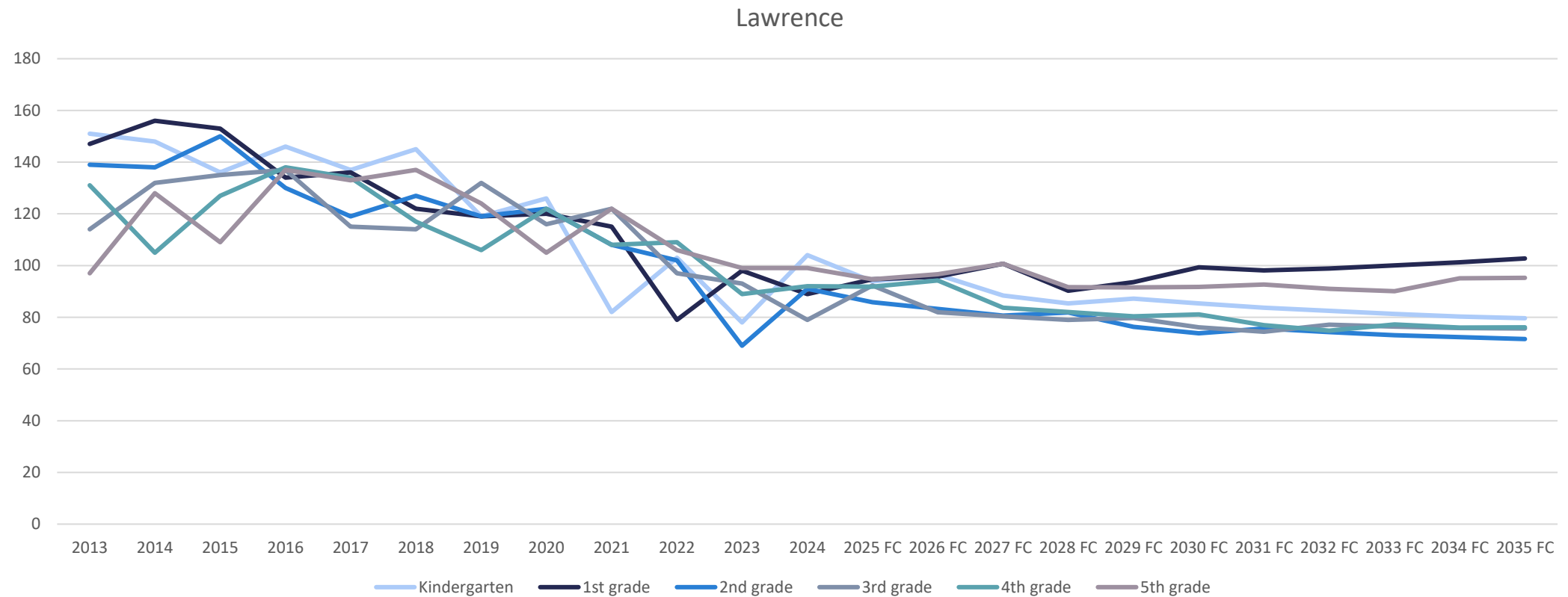
Arvada articulation area: Enrollment forecast

MOST ELEMENTARY SCHOOLS SHOWING ENROLLMENT DECLINE
DEVELOPMENT EVENTS MIGHT OFFSET SOME OF THE DECLINE

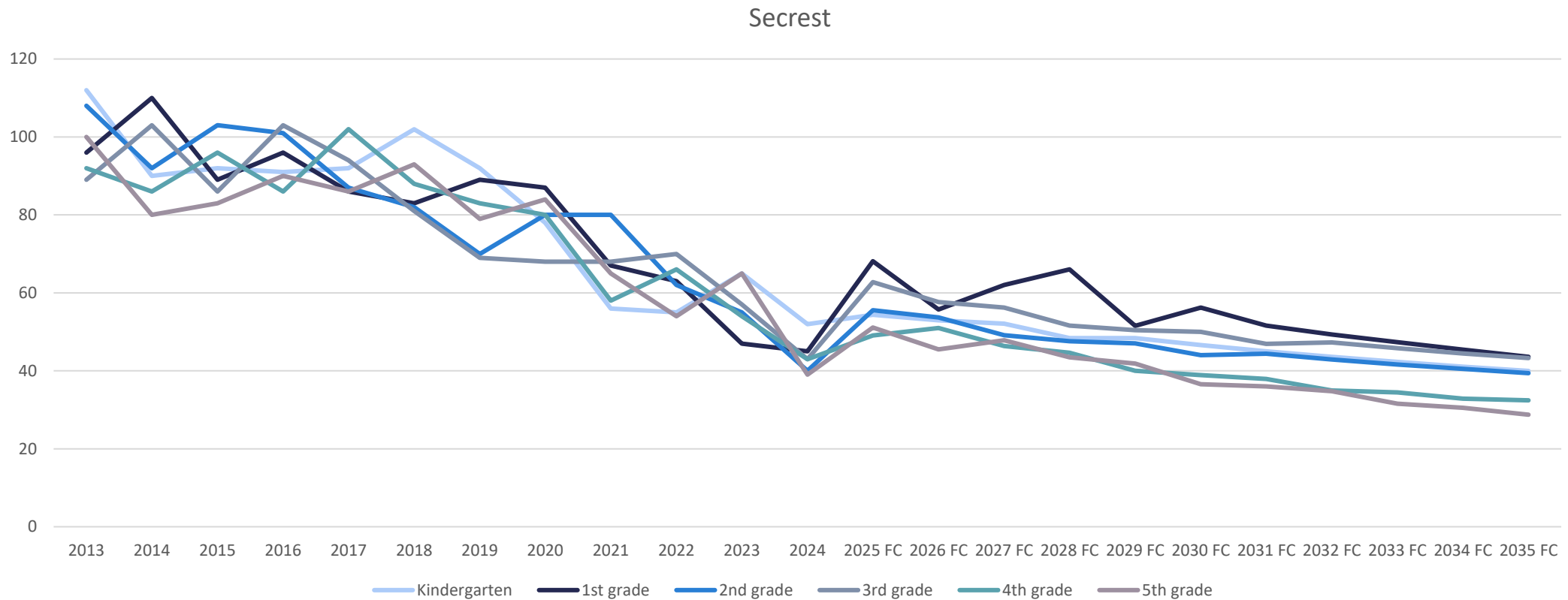
Hackberry Hill Elementary School enrollment forecast by grade



Lawrence Elementary School enrollment forecast by grade

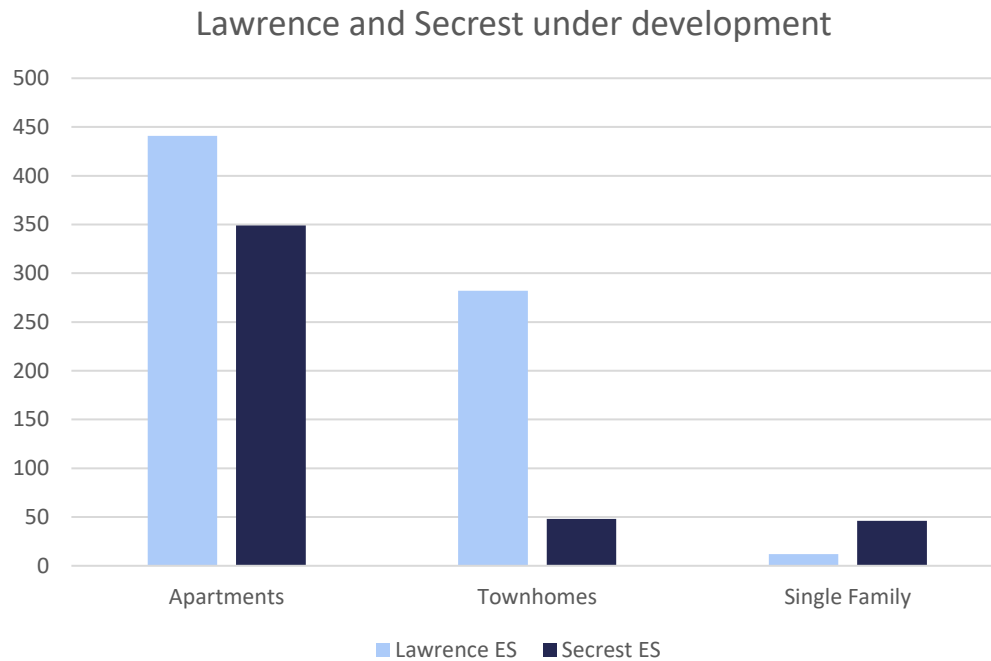


Secrest Elementary School enrollment forecast by grade

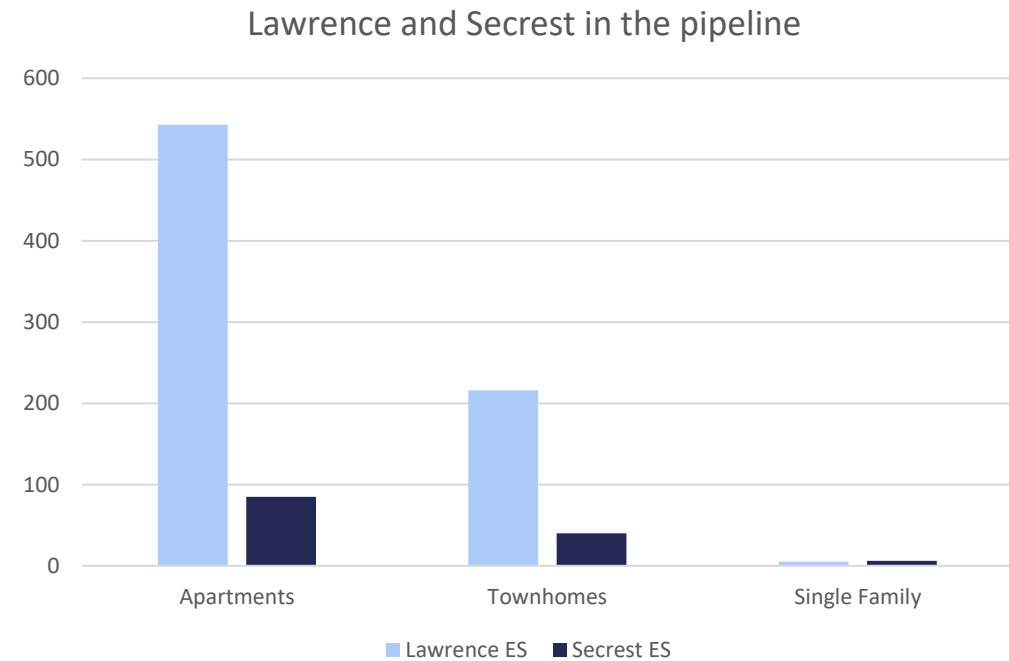


There is some development happening in Lawrence and Secrest areas, however heavily weighed to multi-family and within that to apartments

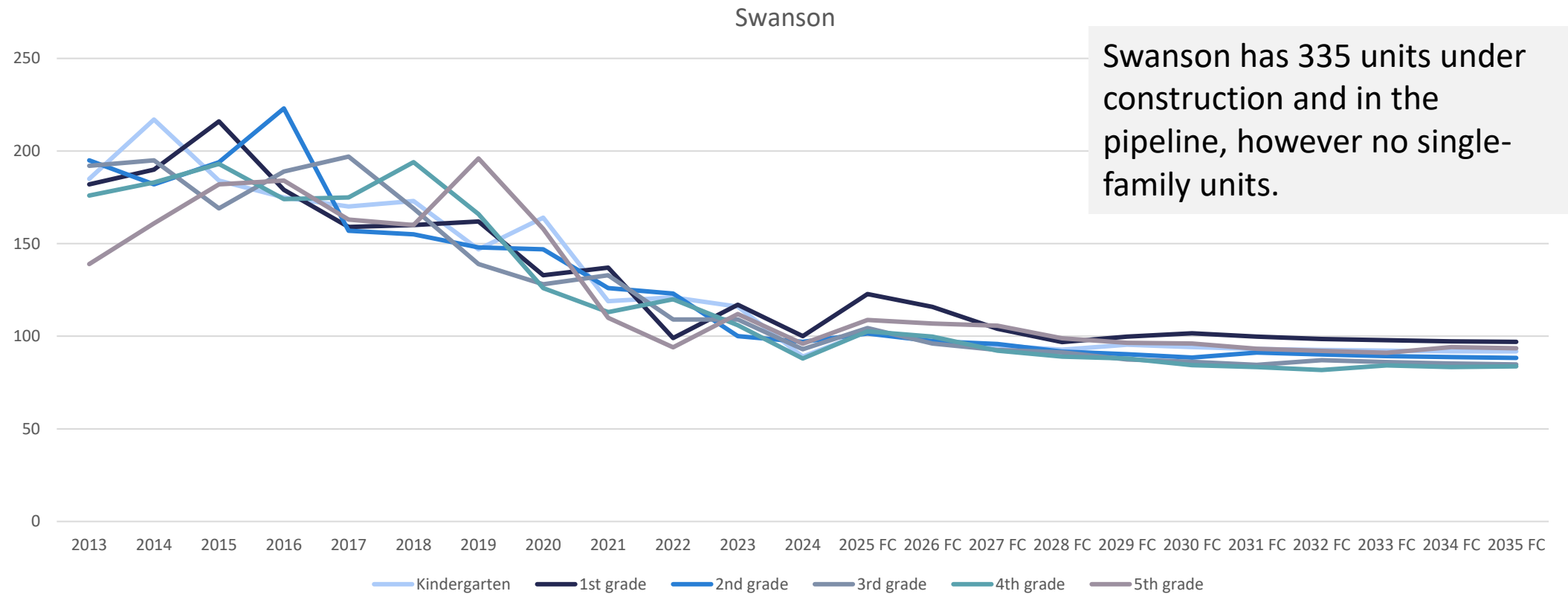
UNDER CONSTRUCTION



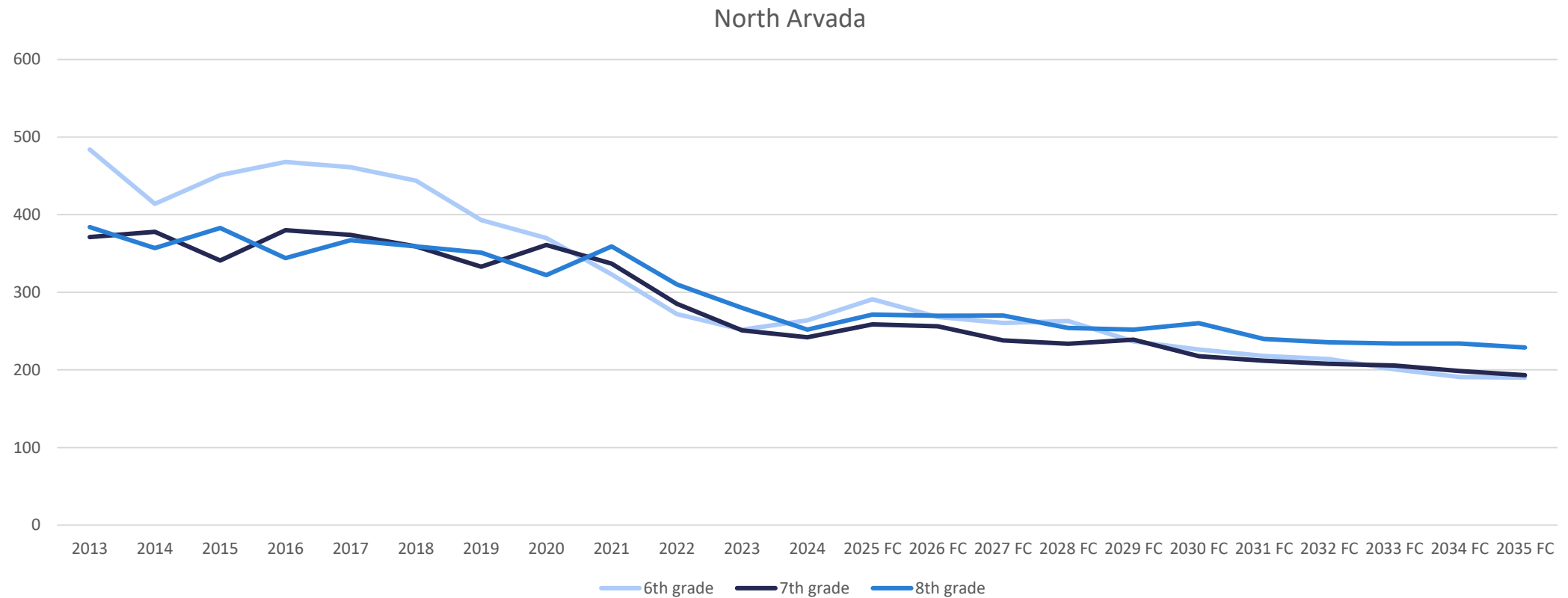
IN THE PIPELINE



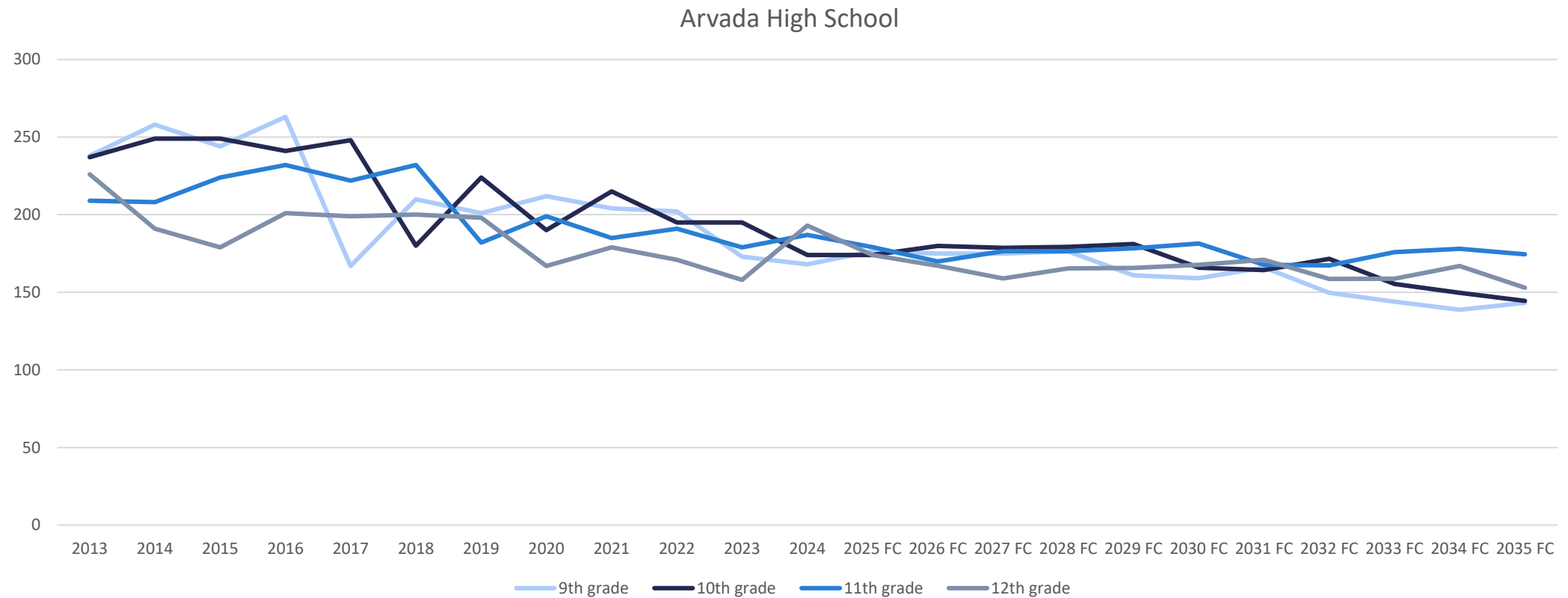
Swanson Elementary School enrollment forecast by grade



North Arvada Middle School enrollment forecast by grade



Arvada High School enrollment forecast by grade

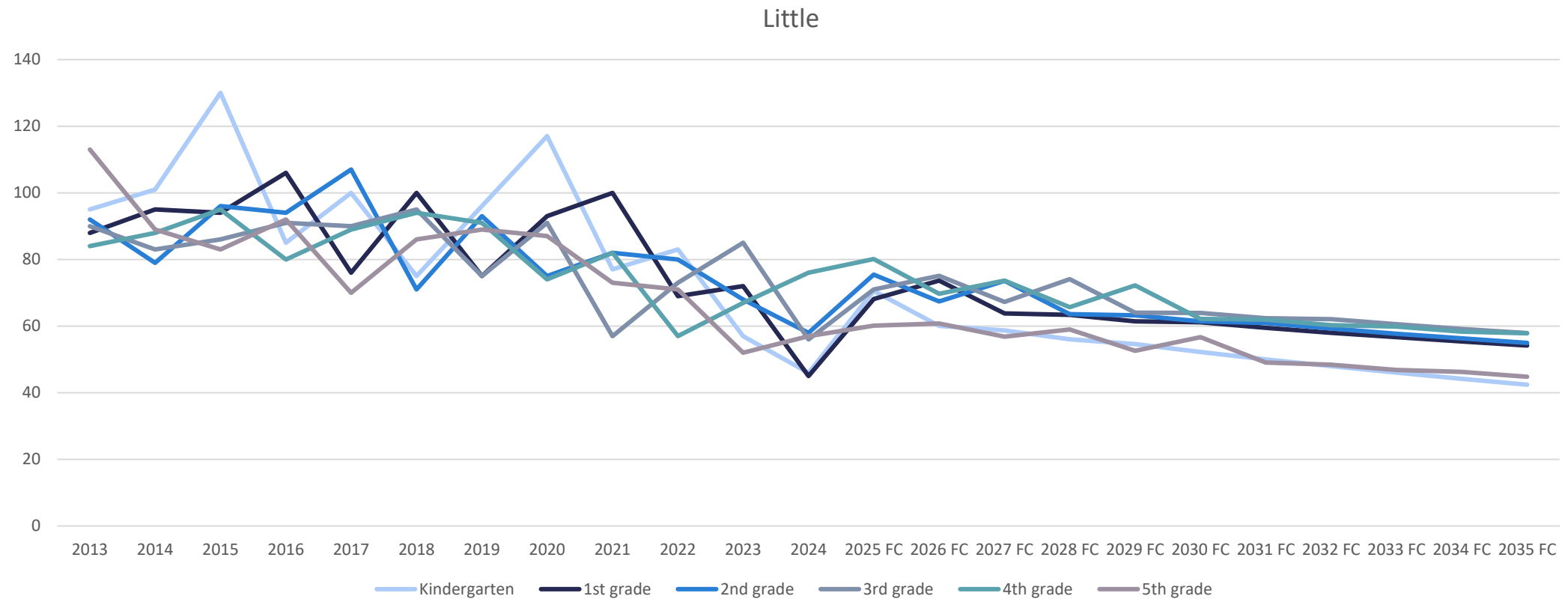


Pomona articulation area: Enrollment forecast

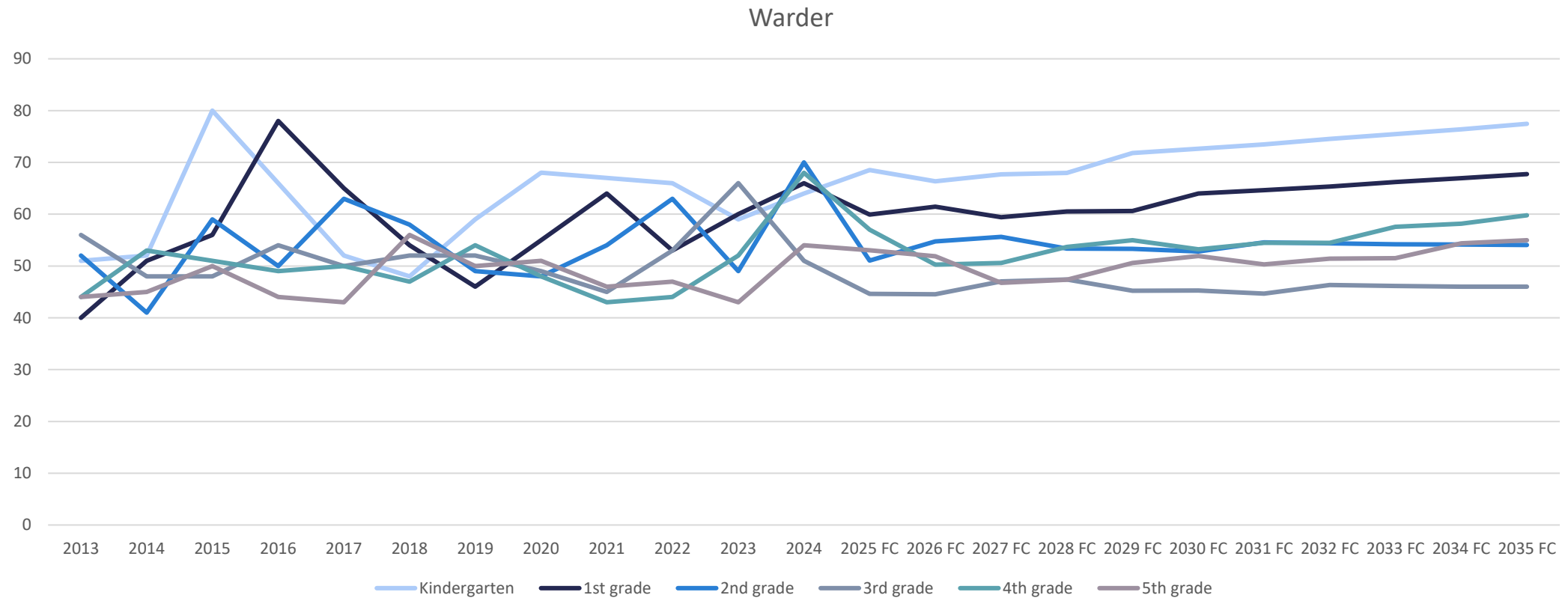
NO SIGNIFICANT DEVELOPMENT OR REDEVELOPMENT HAPPENING

HIGHEST CONCENTRATION OF OLDER VOTERS IN POMONA BOUNDARY
WHICH LIKELY WILL LEAD TO HIGHER LEVELS OF HOUSING TURNOVER

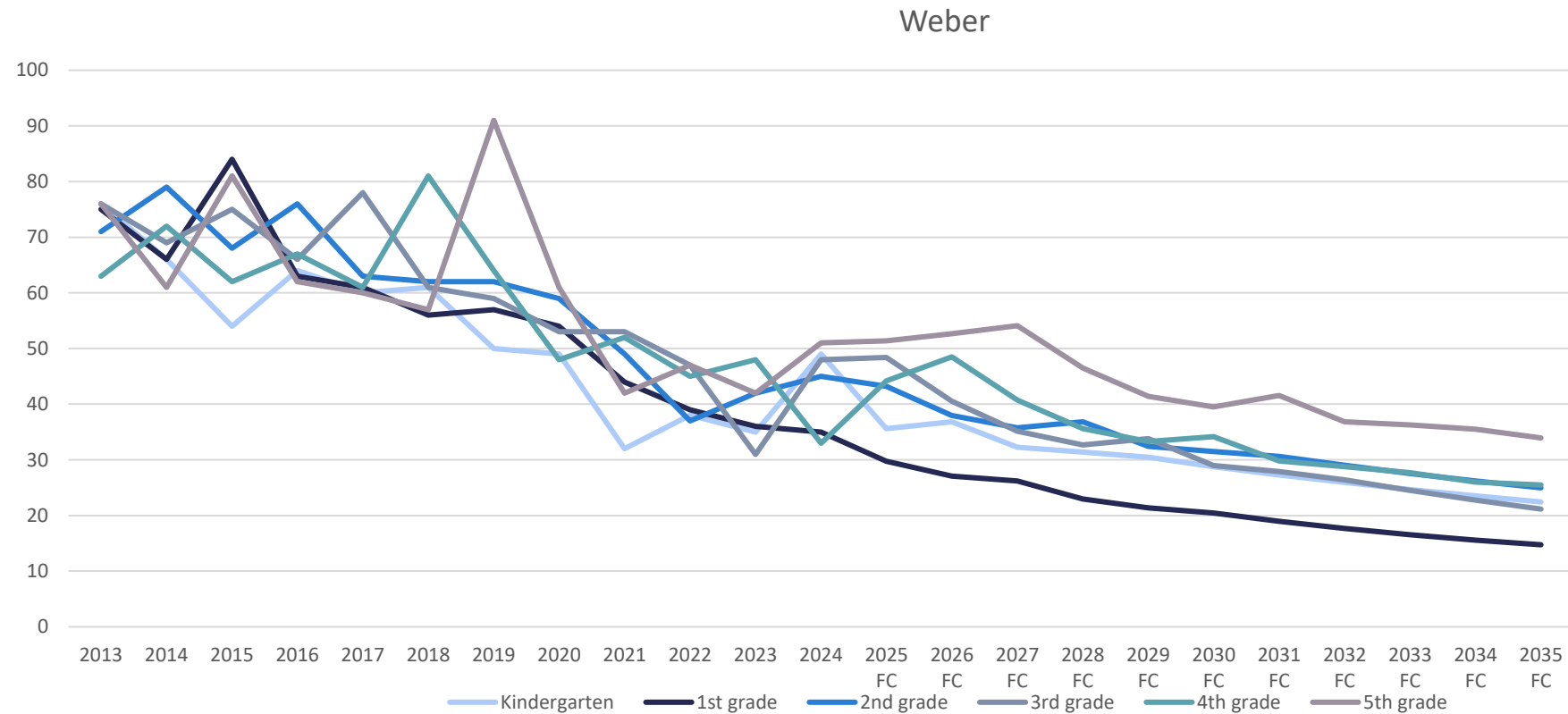
Little Elementary School enrollment forecast by grade



Warder Elementary School enrollment forecast by grade

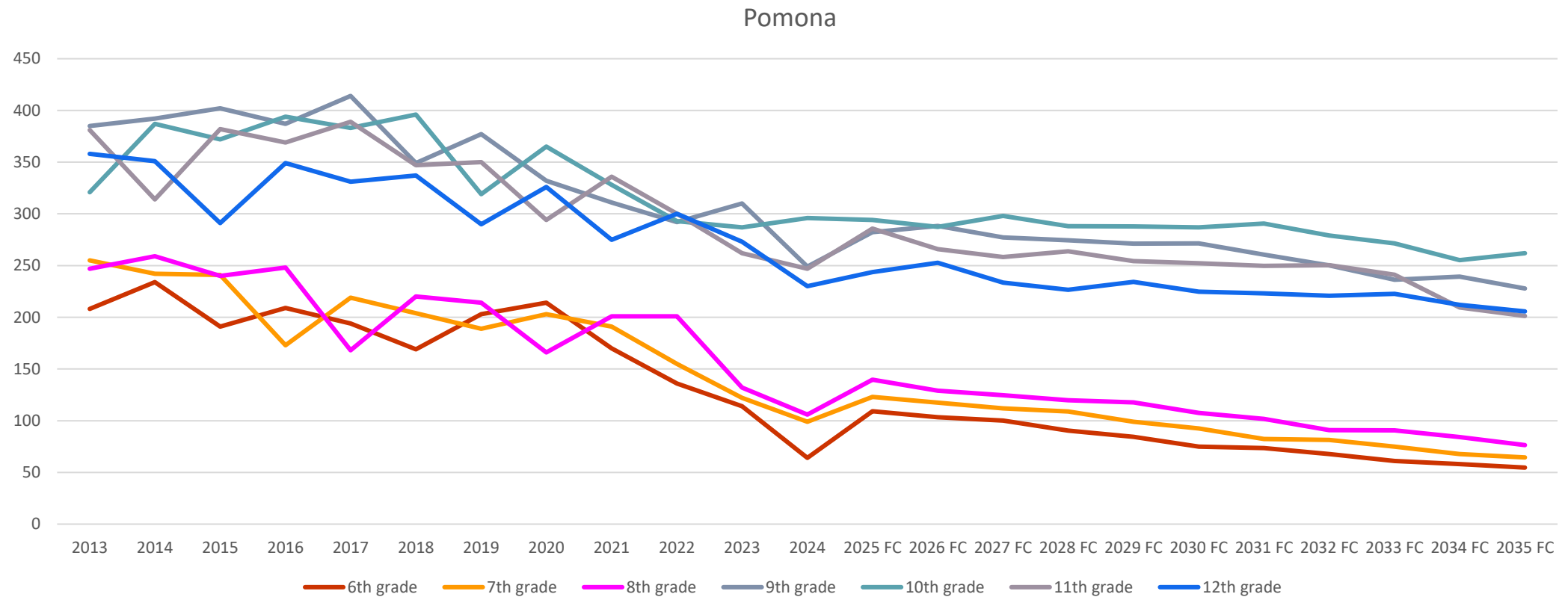


Weber Elementary School enrollment forecast by grade



Weber has a concentration of older voter households. As those turn over the elementary school may see enrollment declines slow.

Pomona 6-12: Middle and High School enrollment forecast by grade

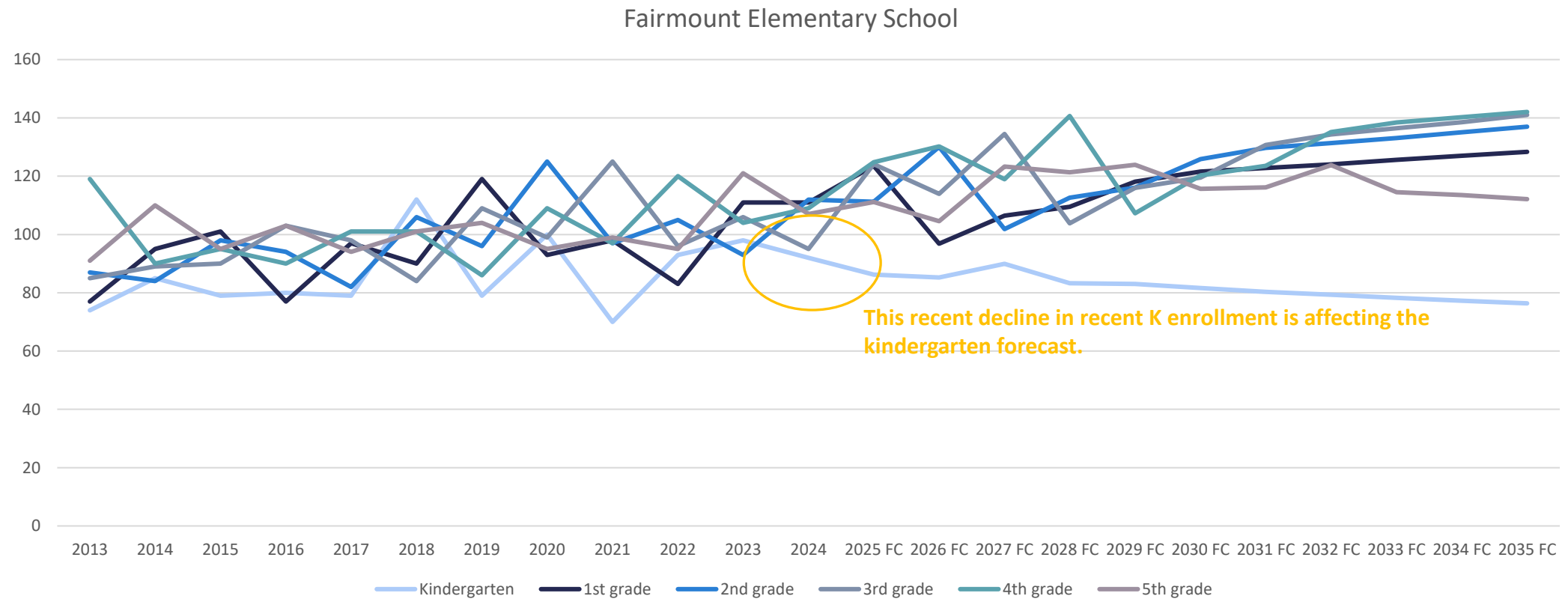


Arvada West articulation area: Enrollment forecast

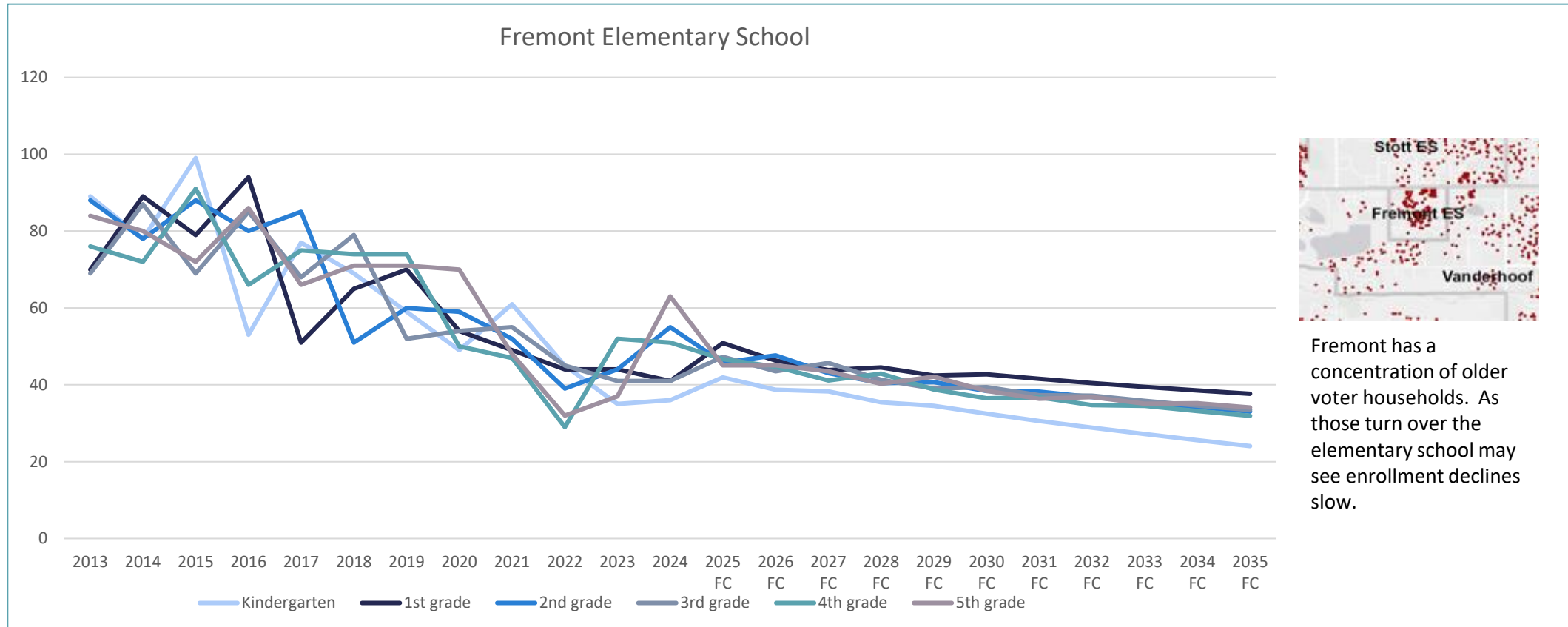
MIX OF STABLE AND DECLINING ENROLLMENT IN ELEMENTARY SCHOOLS

DEVELOPMENT ACTIVITY IN VANDERHOOF MAY OFFSET SOME PORTION
OF DECLINES

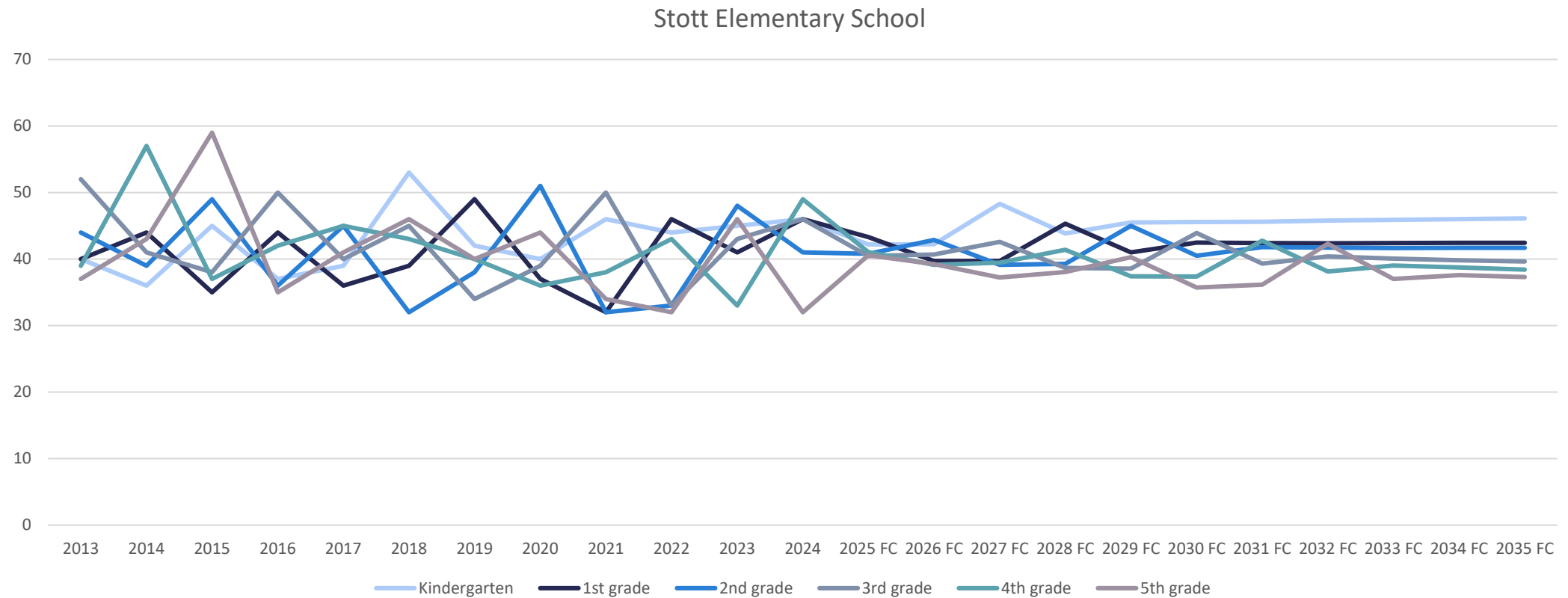
Fairmount Elementary School enrollment forecast by grade



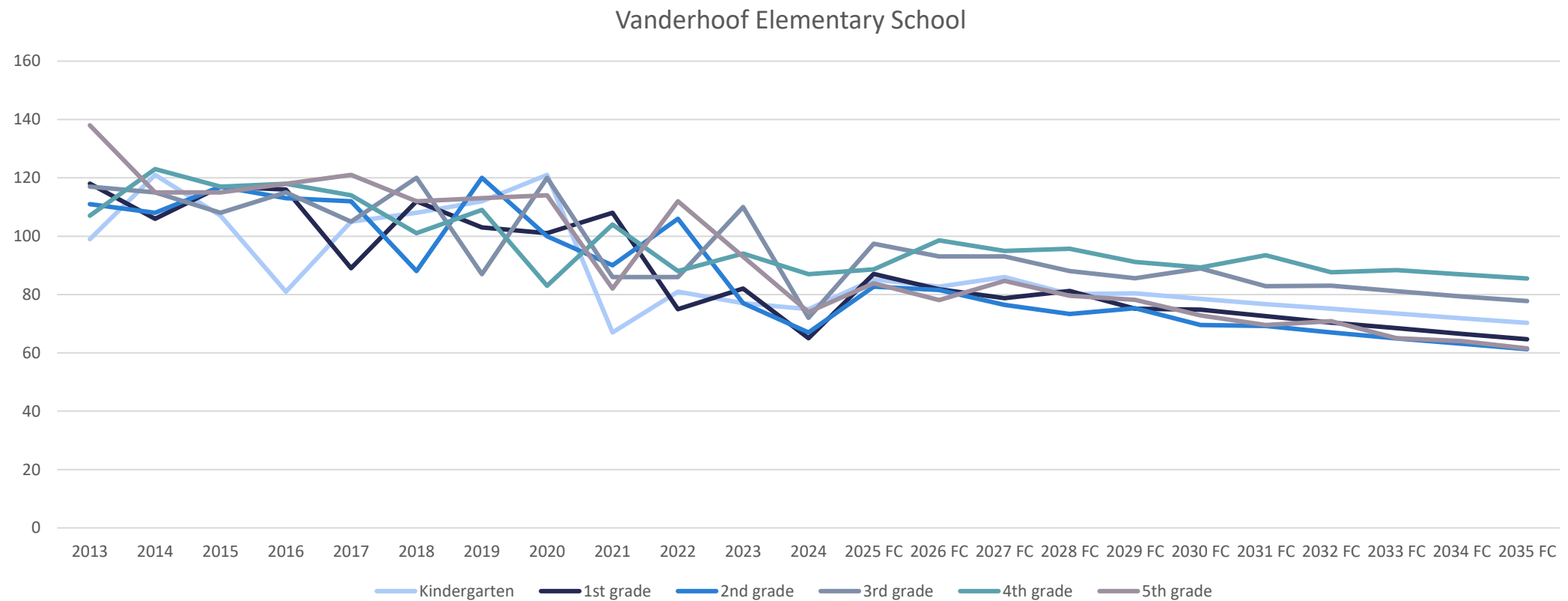
Fremont Elementary School enrollment forecast by grade



Stott Elementary School enrollment forecast by grade

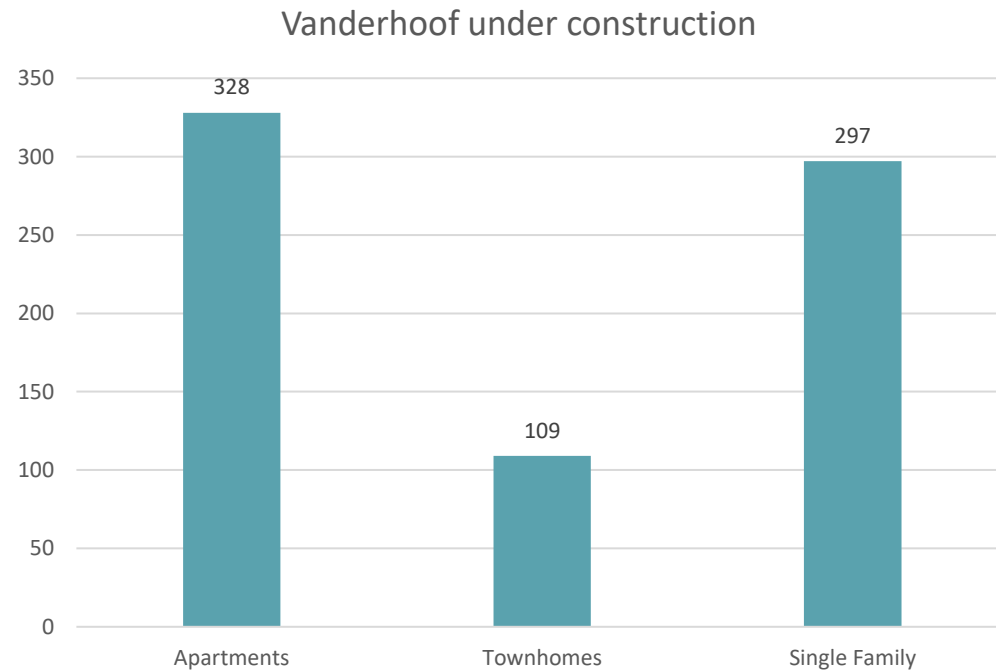


Vanderhoof Elementary School enrollment forecast by grade

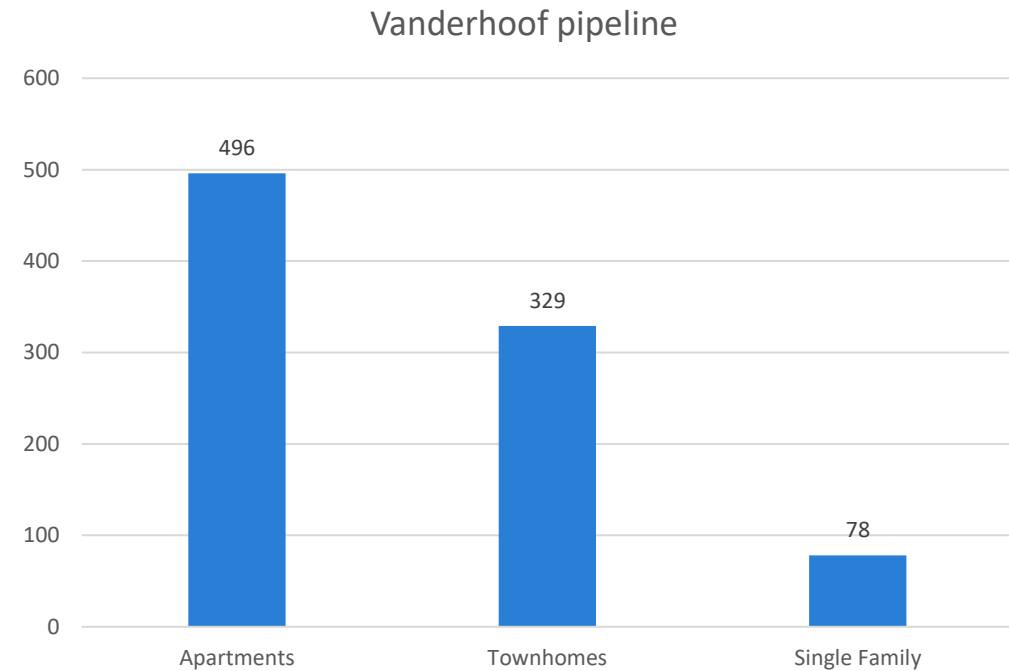


Vanderhoof area experiencing development/redevelopment that could bolster enrollment

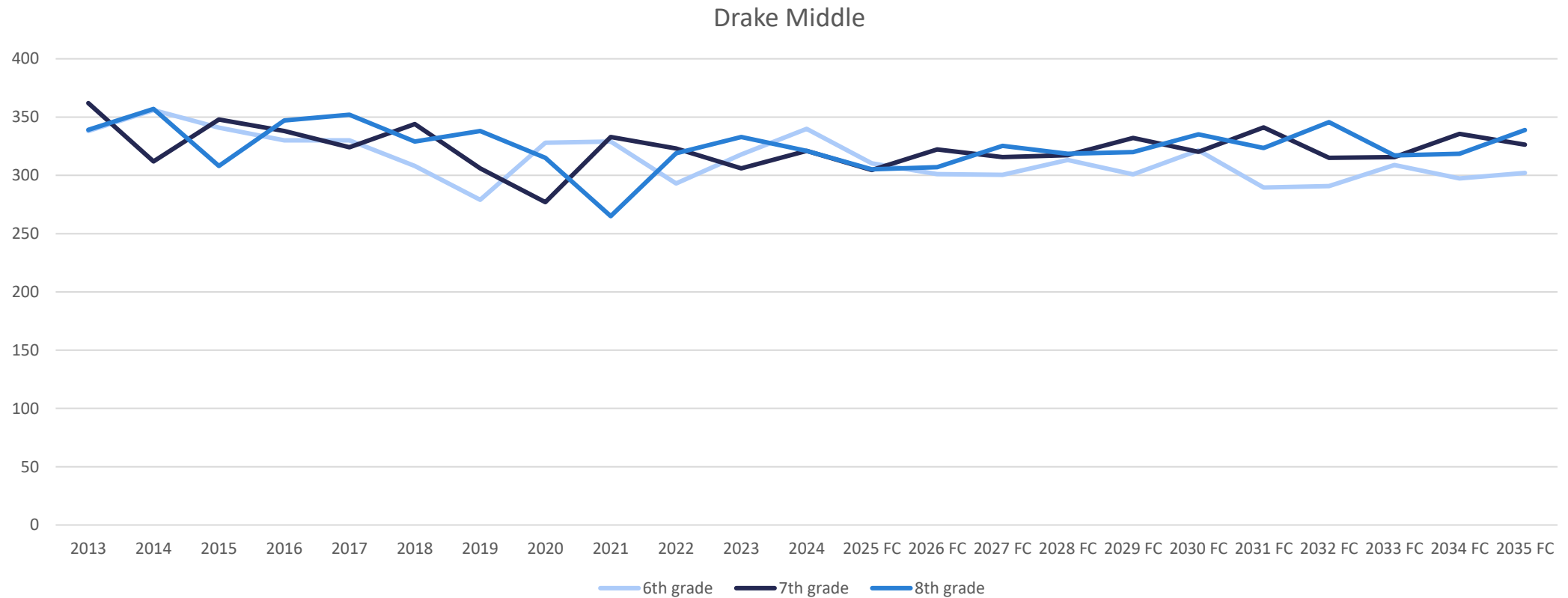
UNDER CONSTRUCTION



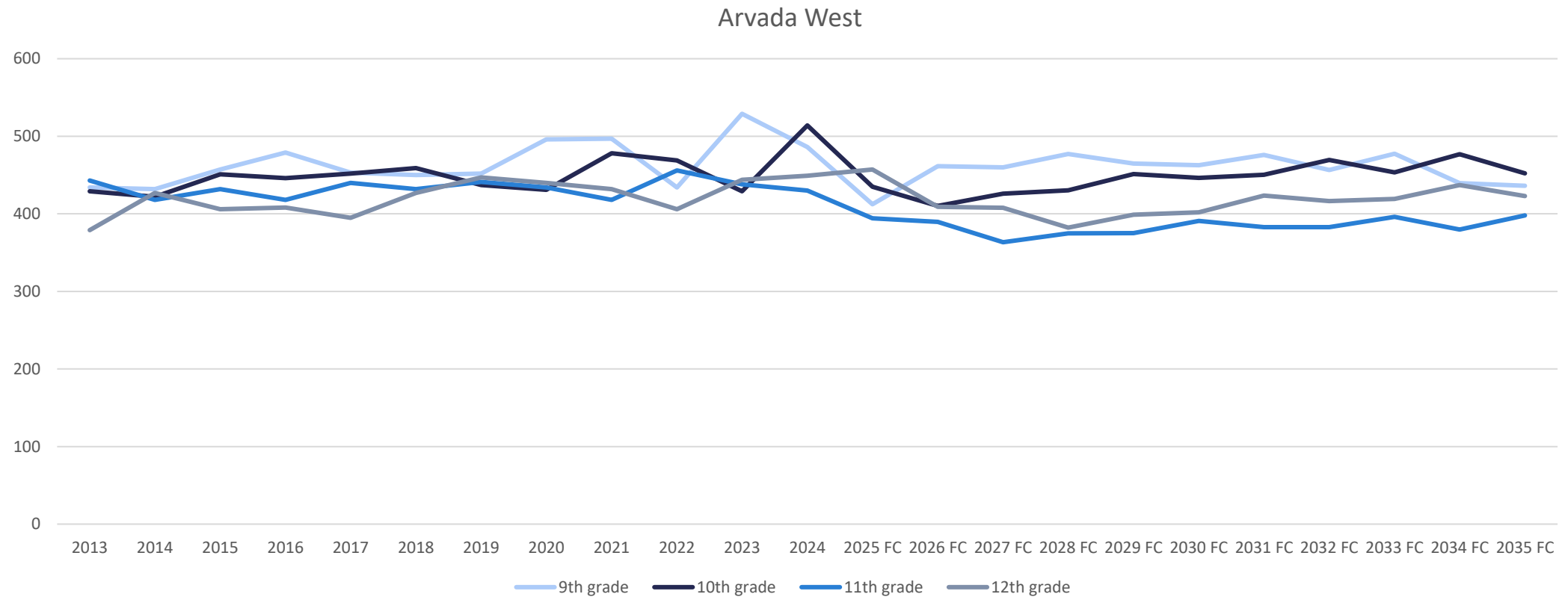
IN THE PIPELINE



Drake Middle School enrollment forecast by grade



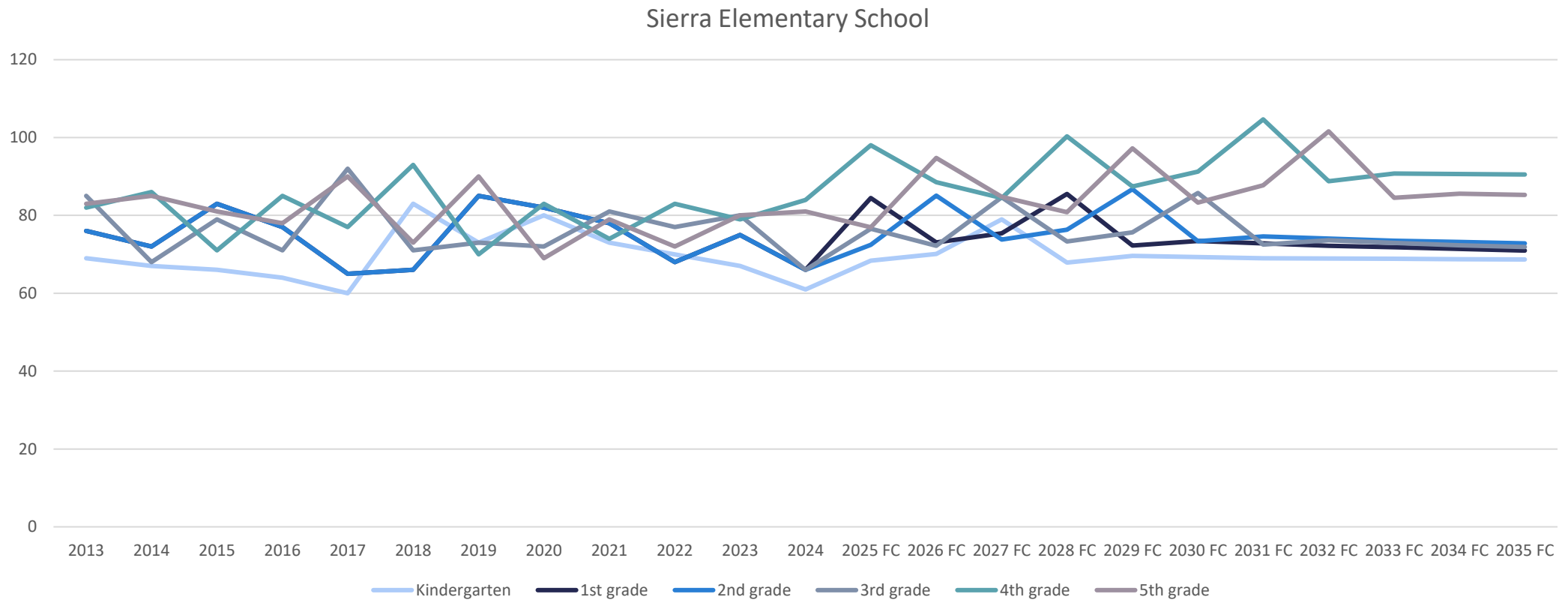
Arvada West High School enrollment forecast by grade



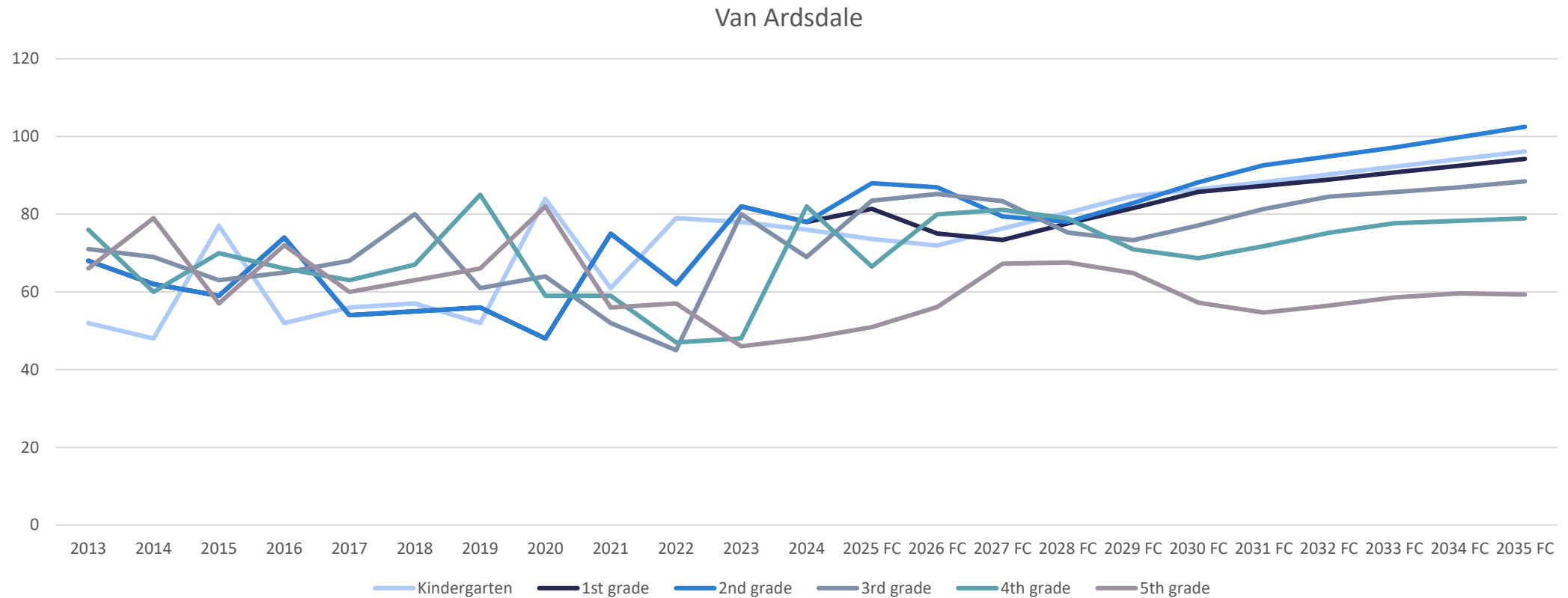
Ralston Valley articulation area: Enrollment forecast

NEWLY DEVELOPED AND STILL DEVELOPING AREAS STILL
NORMALIZING

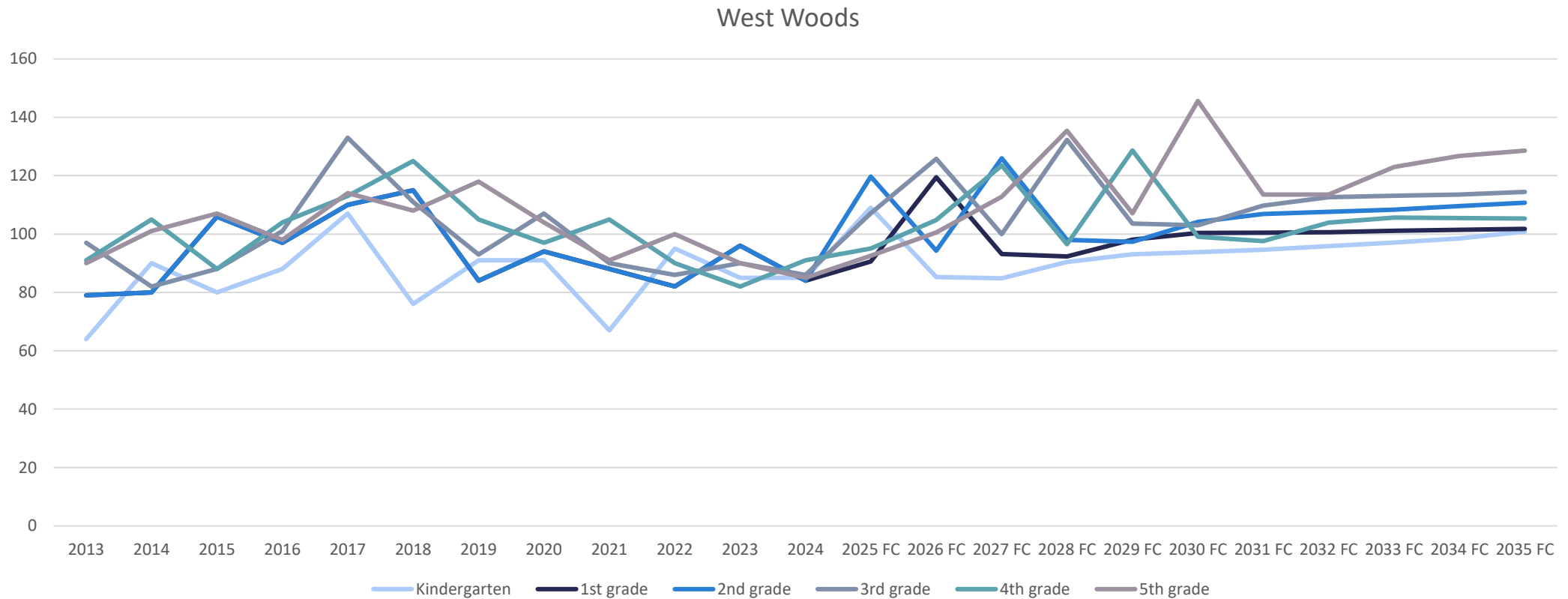
Sierra Elementary School enrollment forecast by grade



Van Ardsdale Elementary School enrollment forecast by grade



West Woods Elementary School enrollment forecast by grade

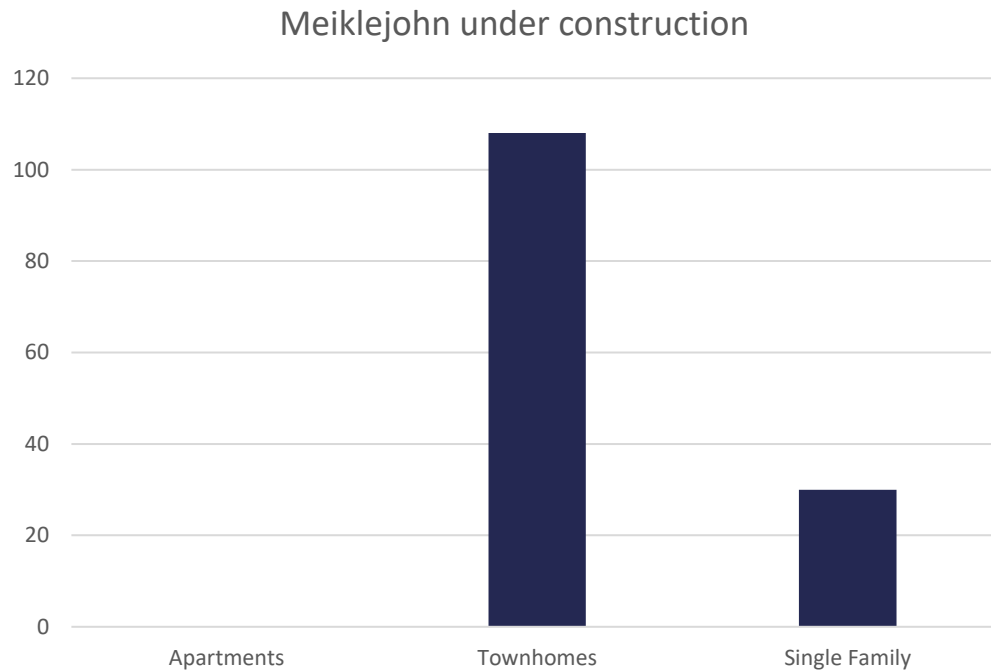


Meiklejohn and Three Creeks

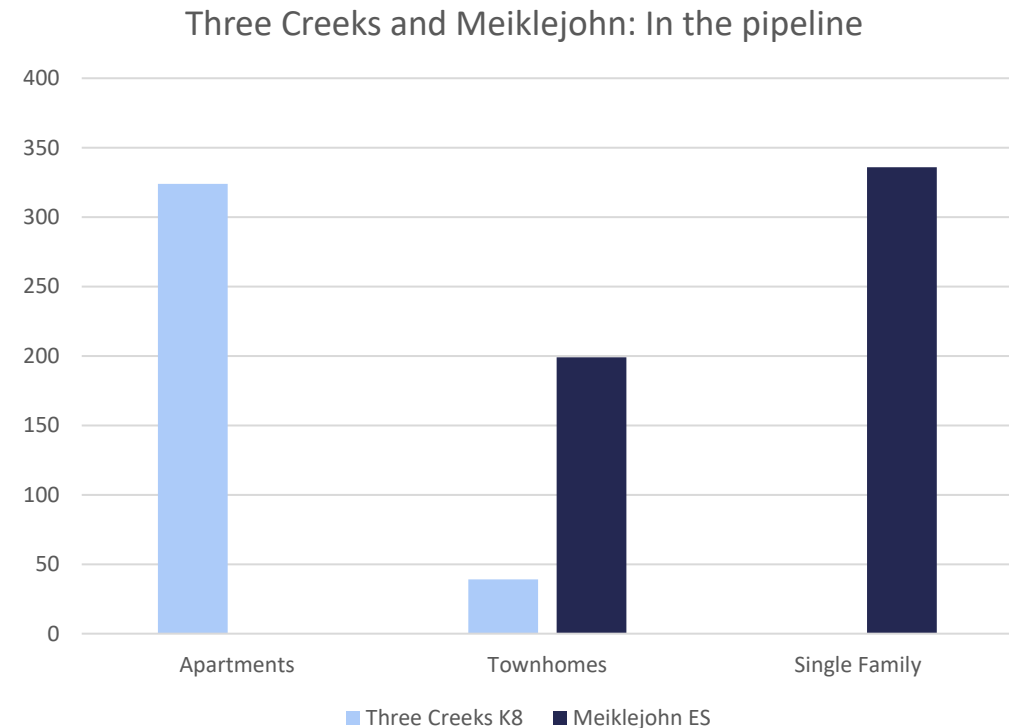
Development patterns: Single family development still occurring in Meiklejohn

UNDER CONSTRUCTION

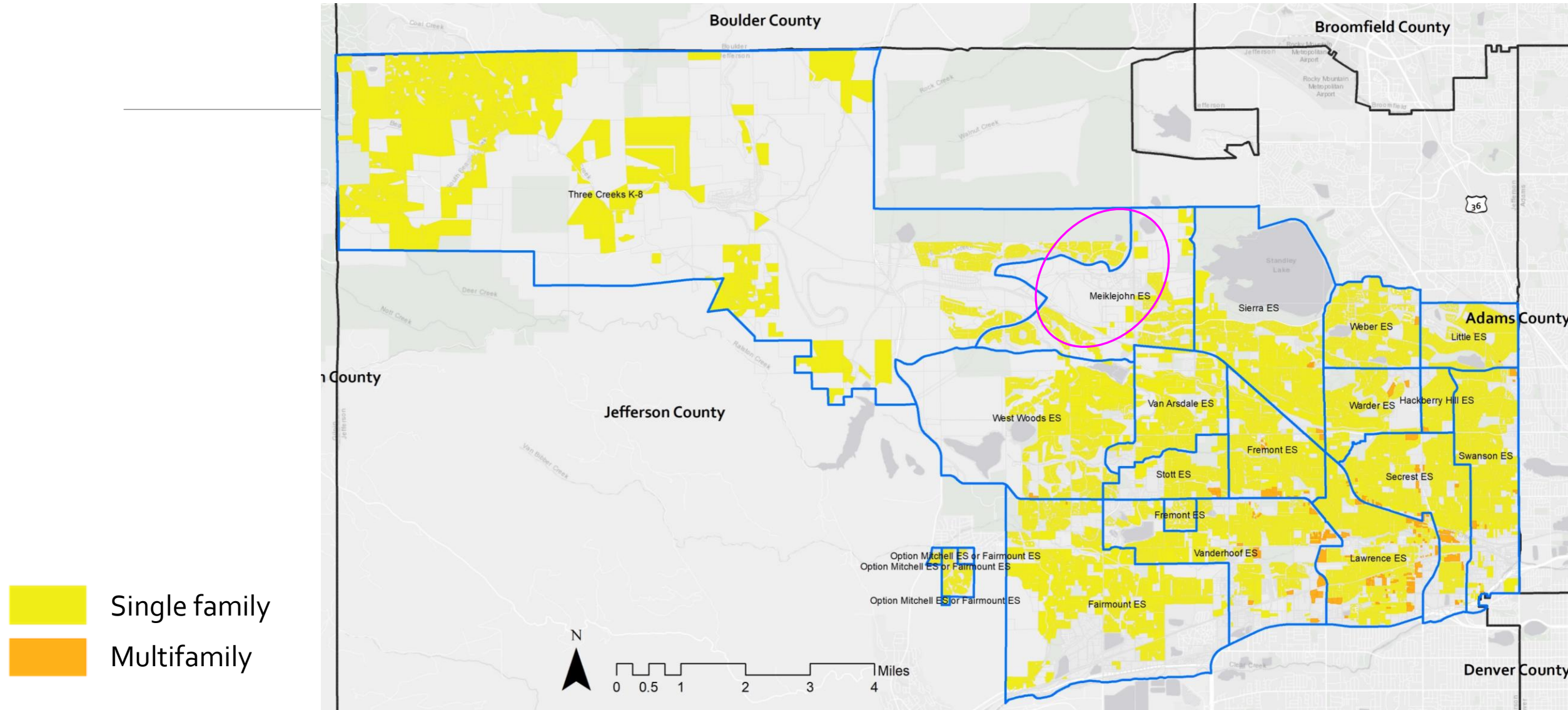
(NONE IN THREE CREEKS)



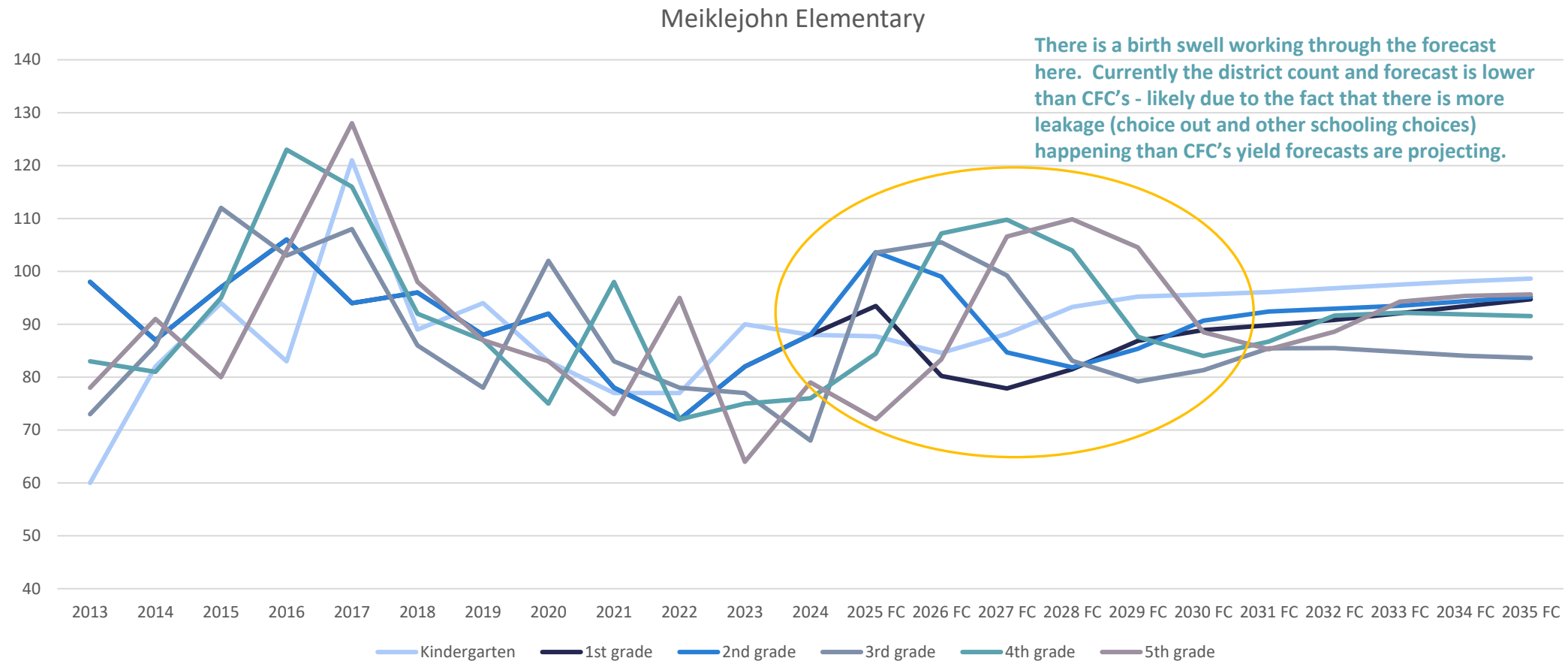
IN THE PIPELINE



Highlighting potential development areas in Meiklejohn



Meiklejohn Elementary School enrollment forecast by grade

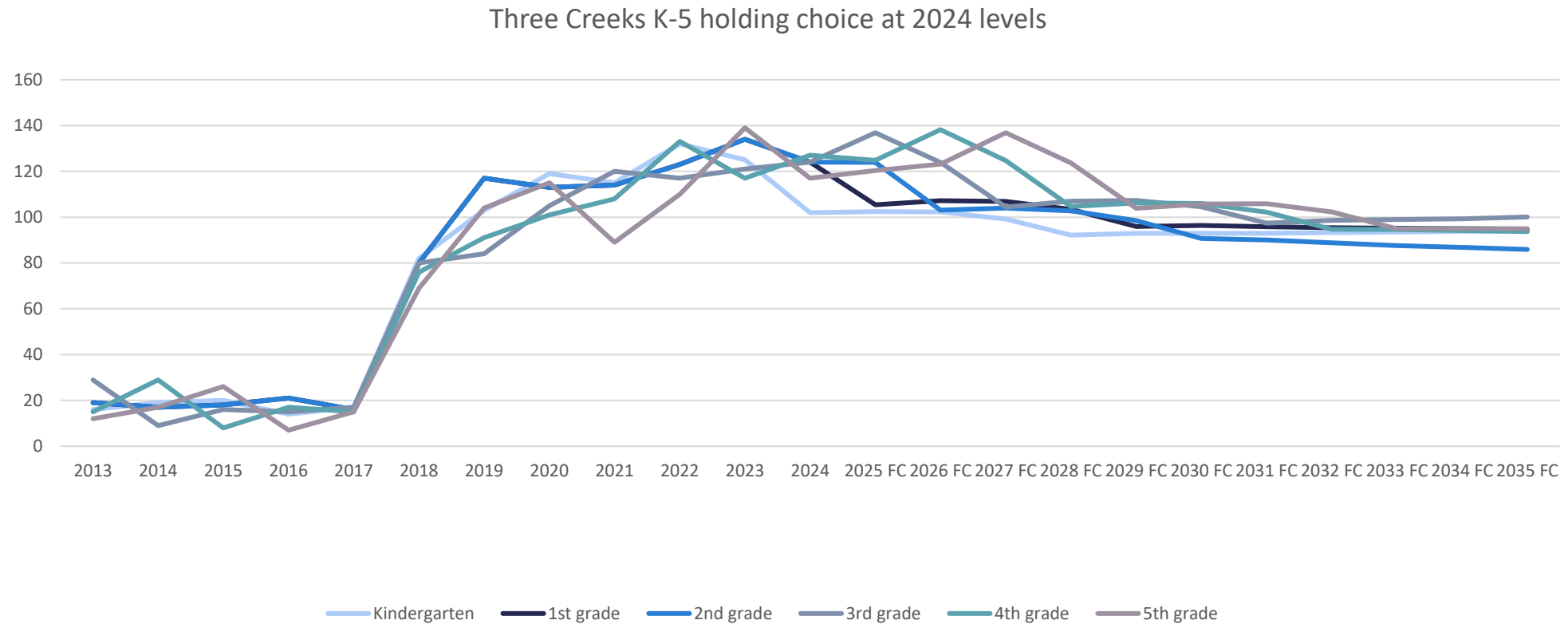


Three Creeks K-8 modeling methodology

- Methodology adjusted to account for an area of recent rapid new development
- Forecast sensitive to the underlying population of students by grade (yield approach)
 - Amended approach to age existing cohorts through the grade years
- Yields adjusted to hold choice constant at current levels – consistent with current school policy
 - If model predicted choice at level less than 2024, used model prediction
 - Otherwise held choice constant at 2024 level for within Jeffco and for out of district choice

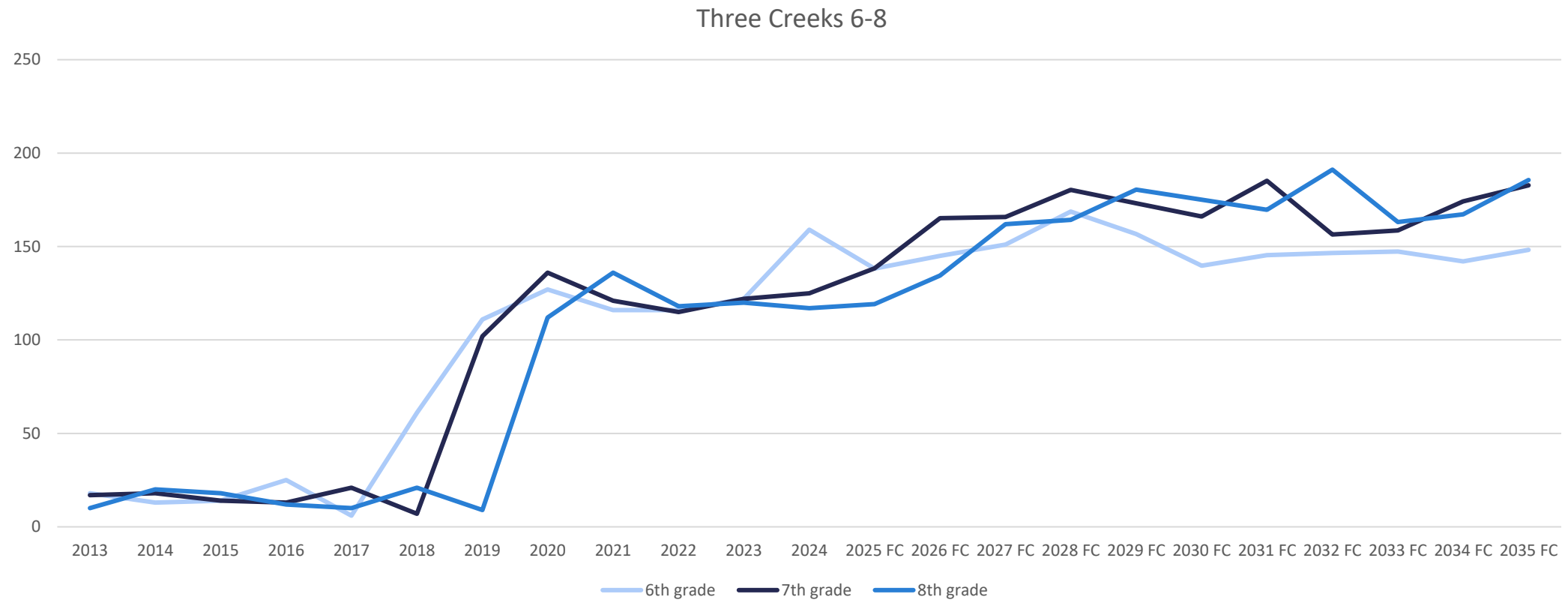
Three Creeks K-5 enrollment forecast by grade

Holding choice at 2024 levels

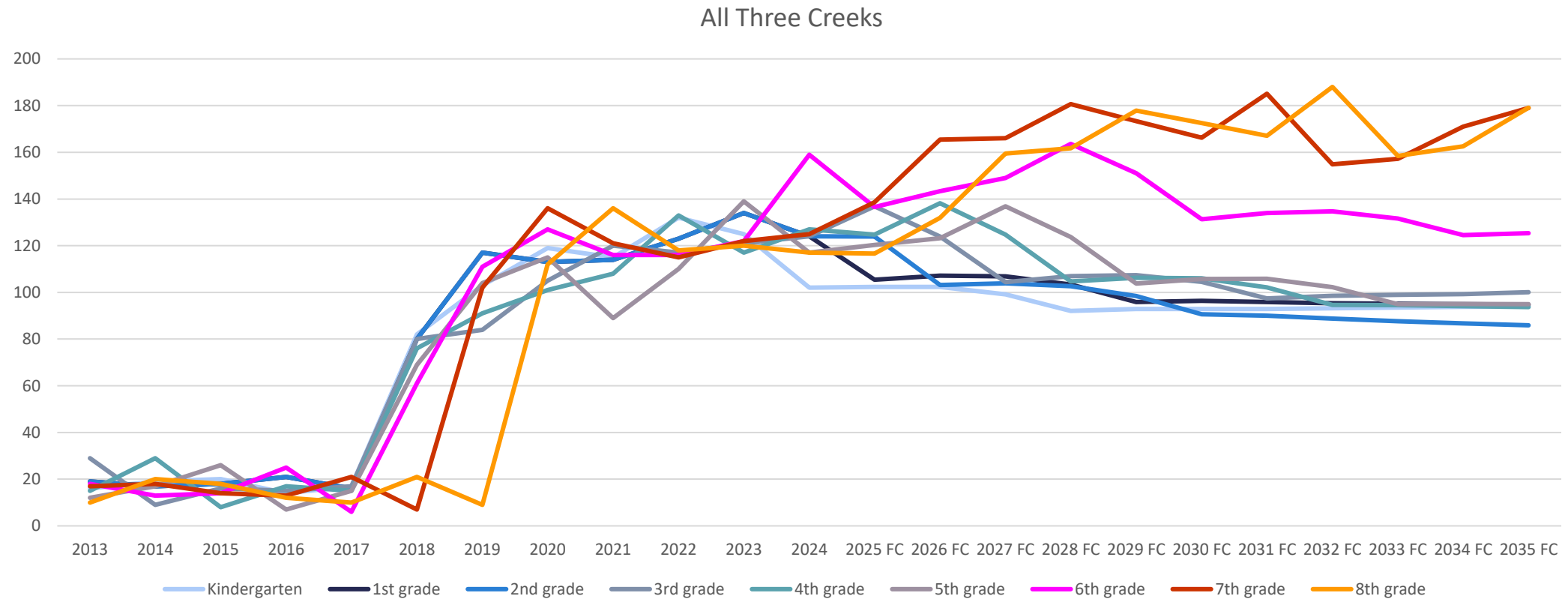


Three Creeks 6-8 enrollment forecast by grade

Holding choice at 2024 levels

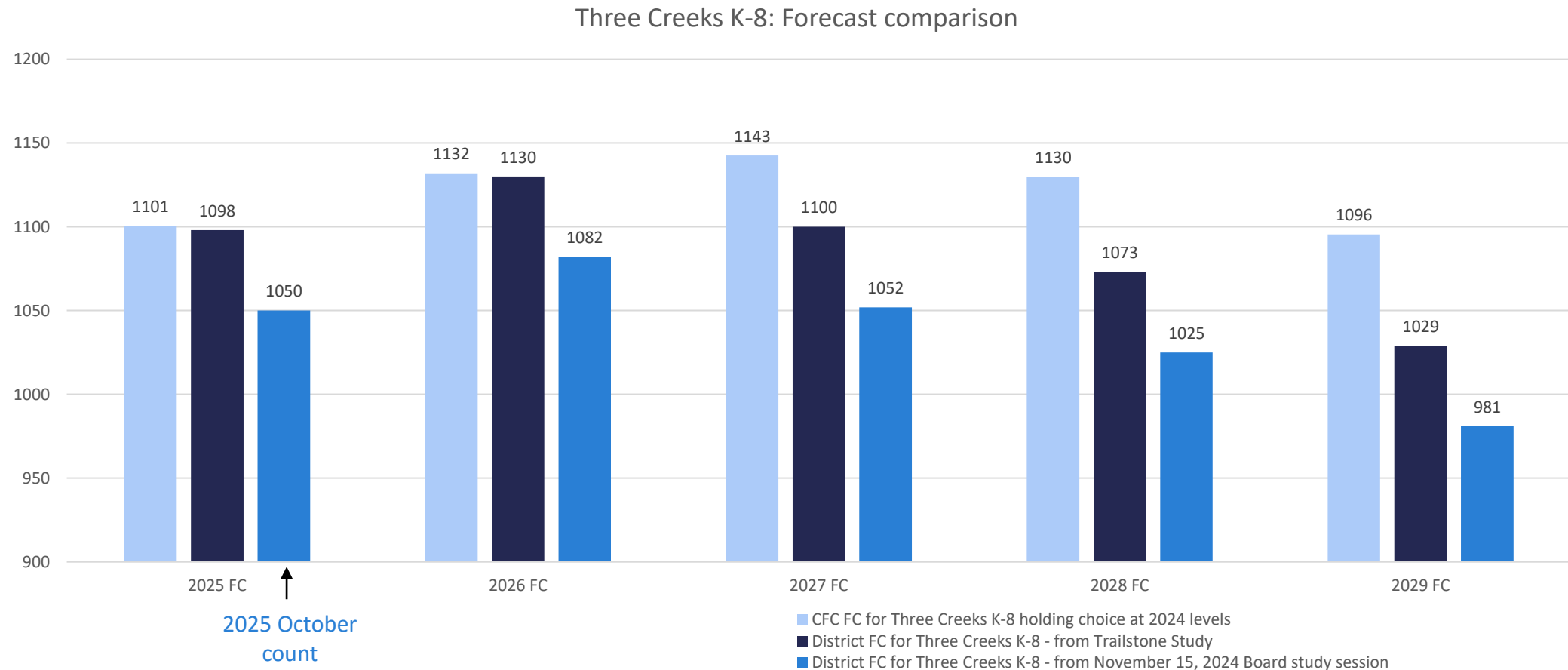


Three Creeks all grades combined reflects the small swell from K-5 and the historically larger classes in the middle school

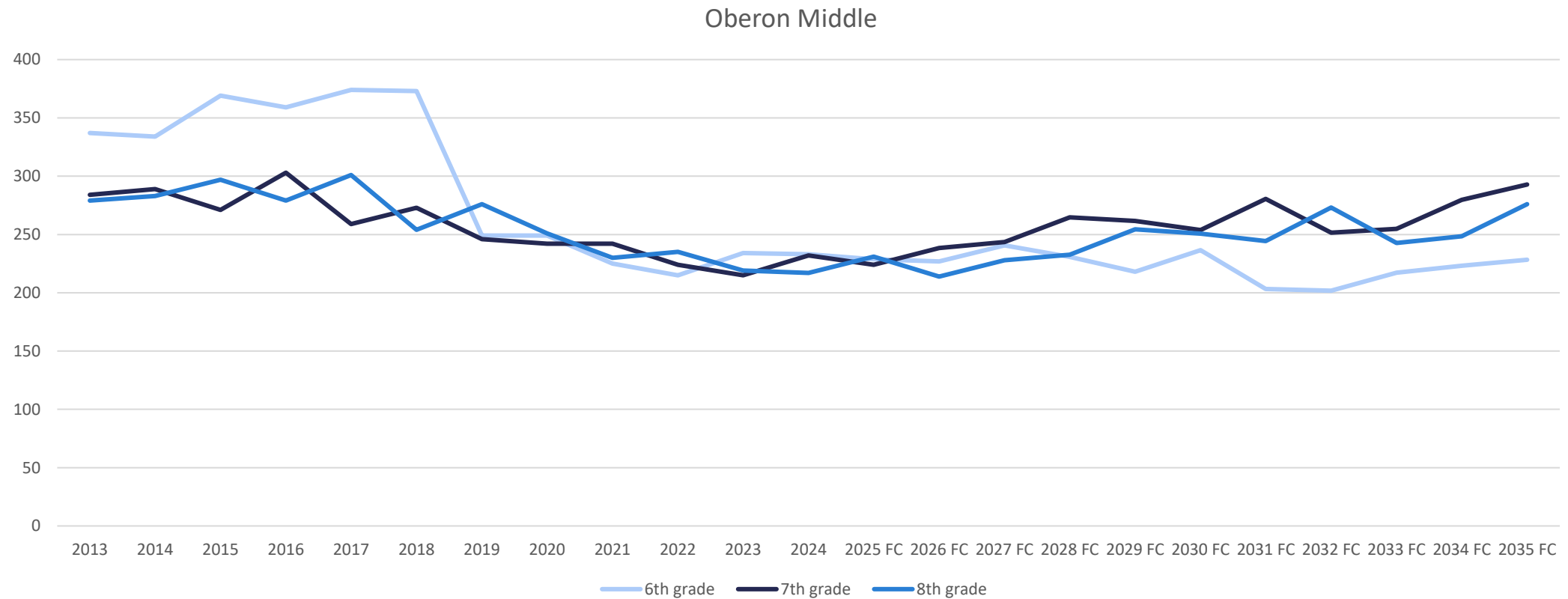


CFC forecast drifting higher than District:

Does not explicitly account for choice out and other schooling choices



Oberon Middle School enrollment forecast by grade

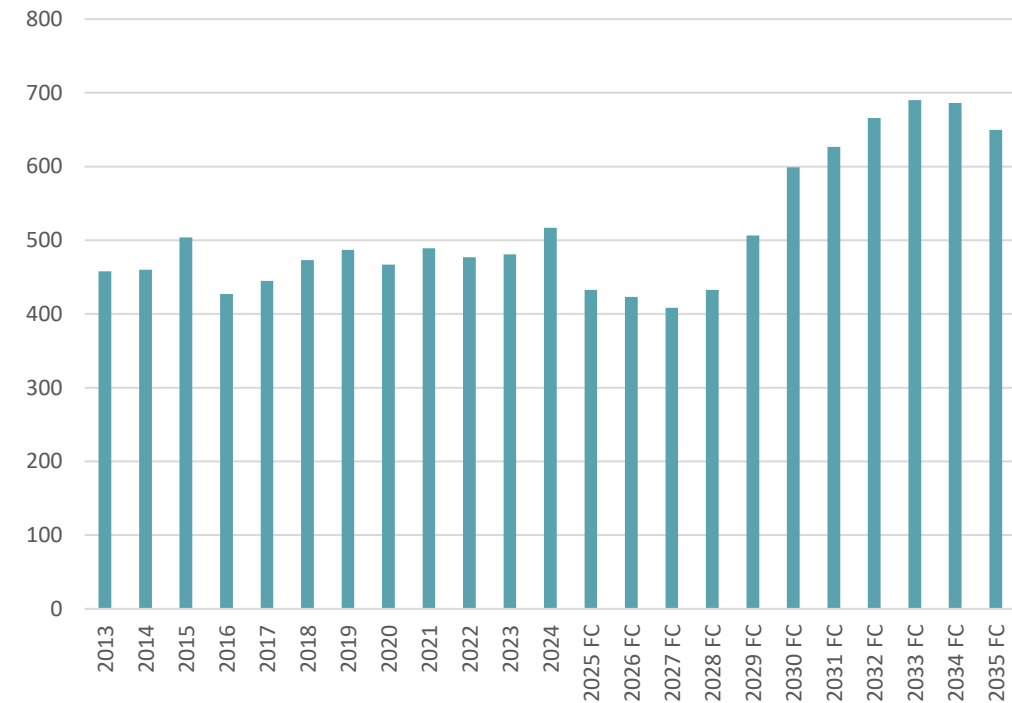


Ralston Valley High: Enrollment forecast mirrors pattern of births 14 years prior

**Births 14 years before 9th grade:
Ralston Valley High School**

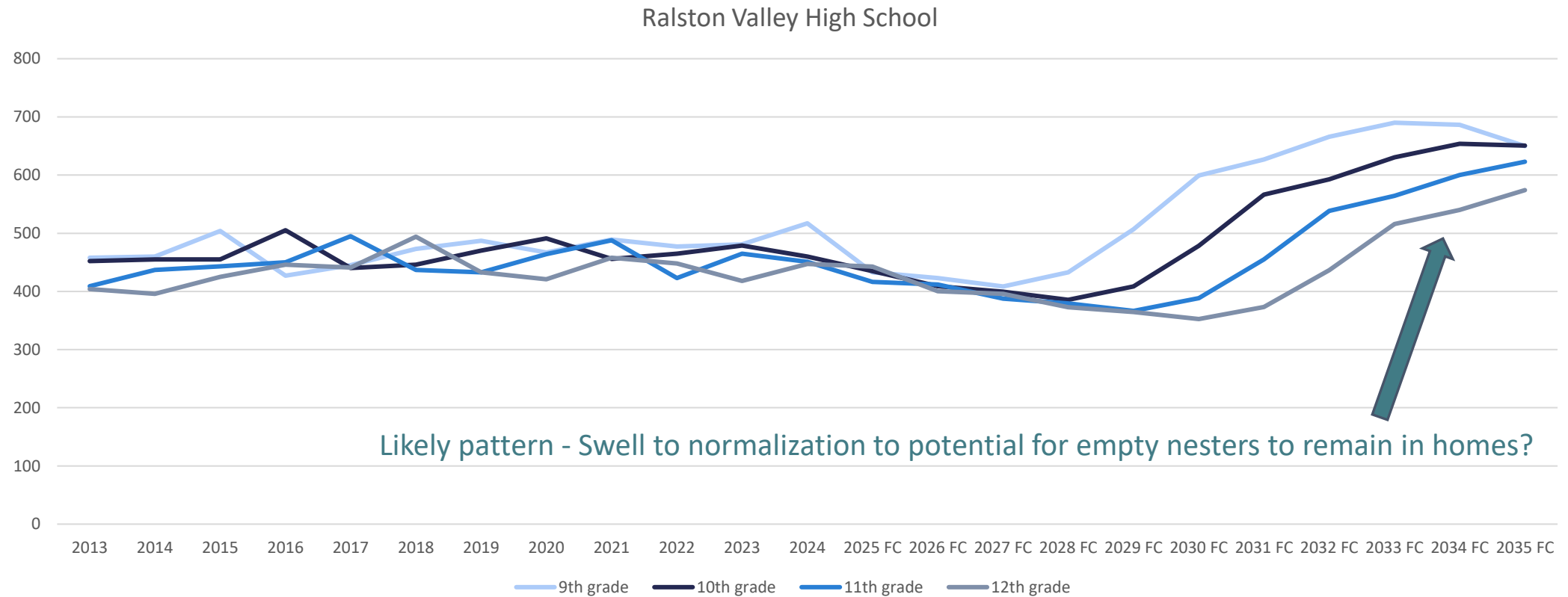


**9th Grade enrollment and forecast:
Ralston Valley High School**



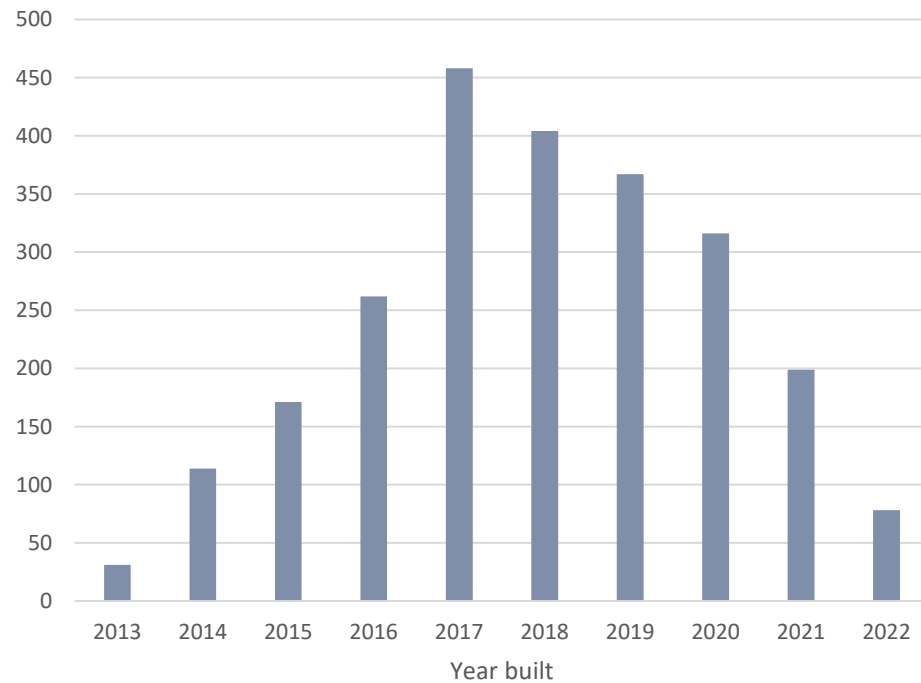
Forecast sensitive to births to lives in assumption

Birth pattern evident in Ralston Valley High School enrollment forecast by grade

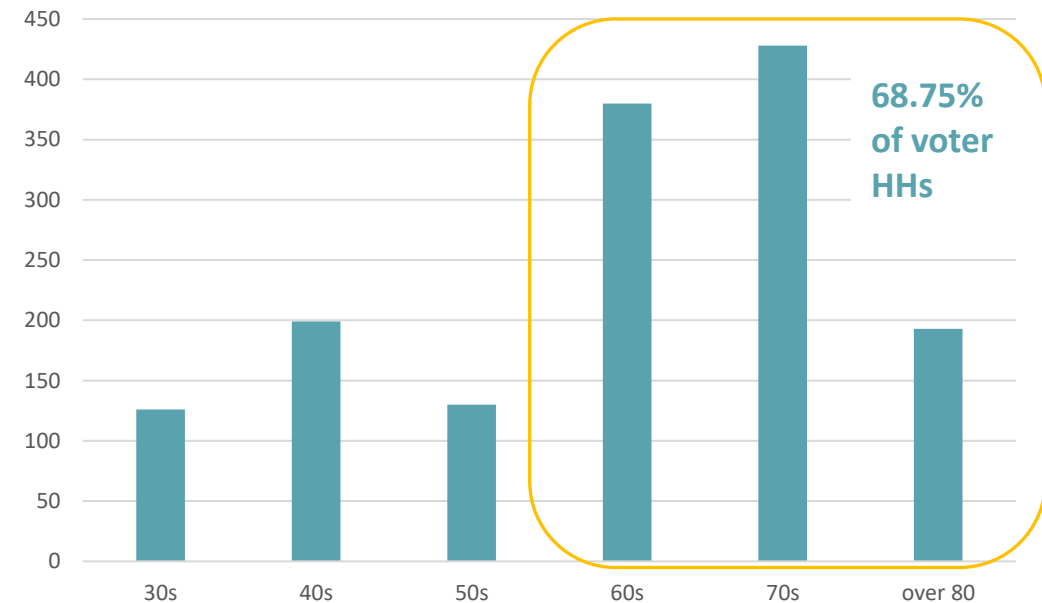


What will empty nesters do?

Three Creeks east of Hwy 93:
2,400 newly built units by year built



Three Creeks 2020 voter households east of Hwy 93:
Distribution of 1,456 households by
“age of householder”



Current data suggest that a significant share of empty nesters will age in place

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The Colorado Futures Center is a 501c3 organization dedicated to informing about economic, fiscal and public policy issues impacting community economic health and quality of life.



@colofutures

Phyllis Resnick, PhD

Executive Director, Colorado Futures Center

phyllis@coloradofuturescsu.org

www.coloradofuturescsu.org/

Jennifer Newcomer, Doctoral Student

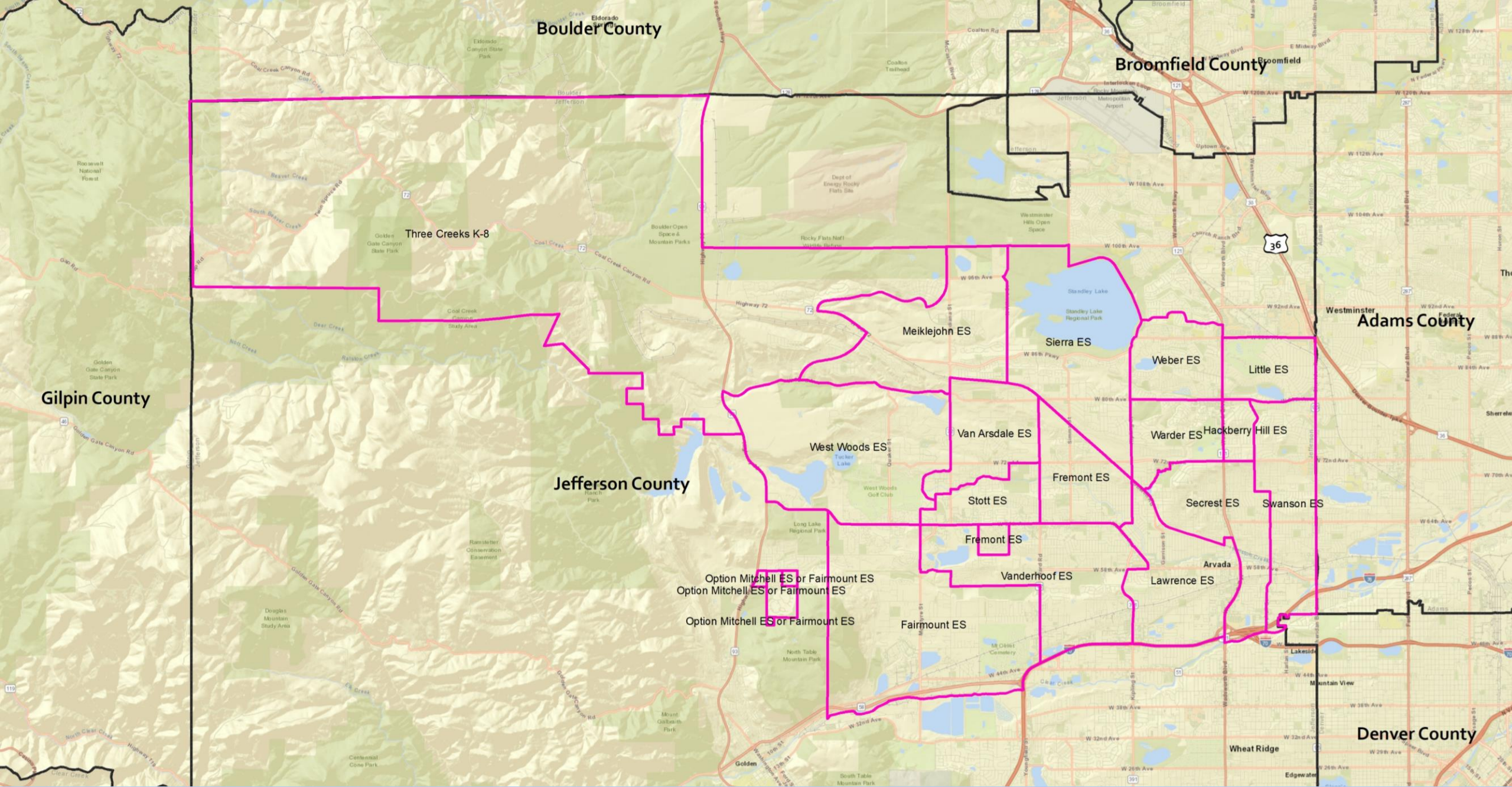
Research Director, Colorado Futures Center

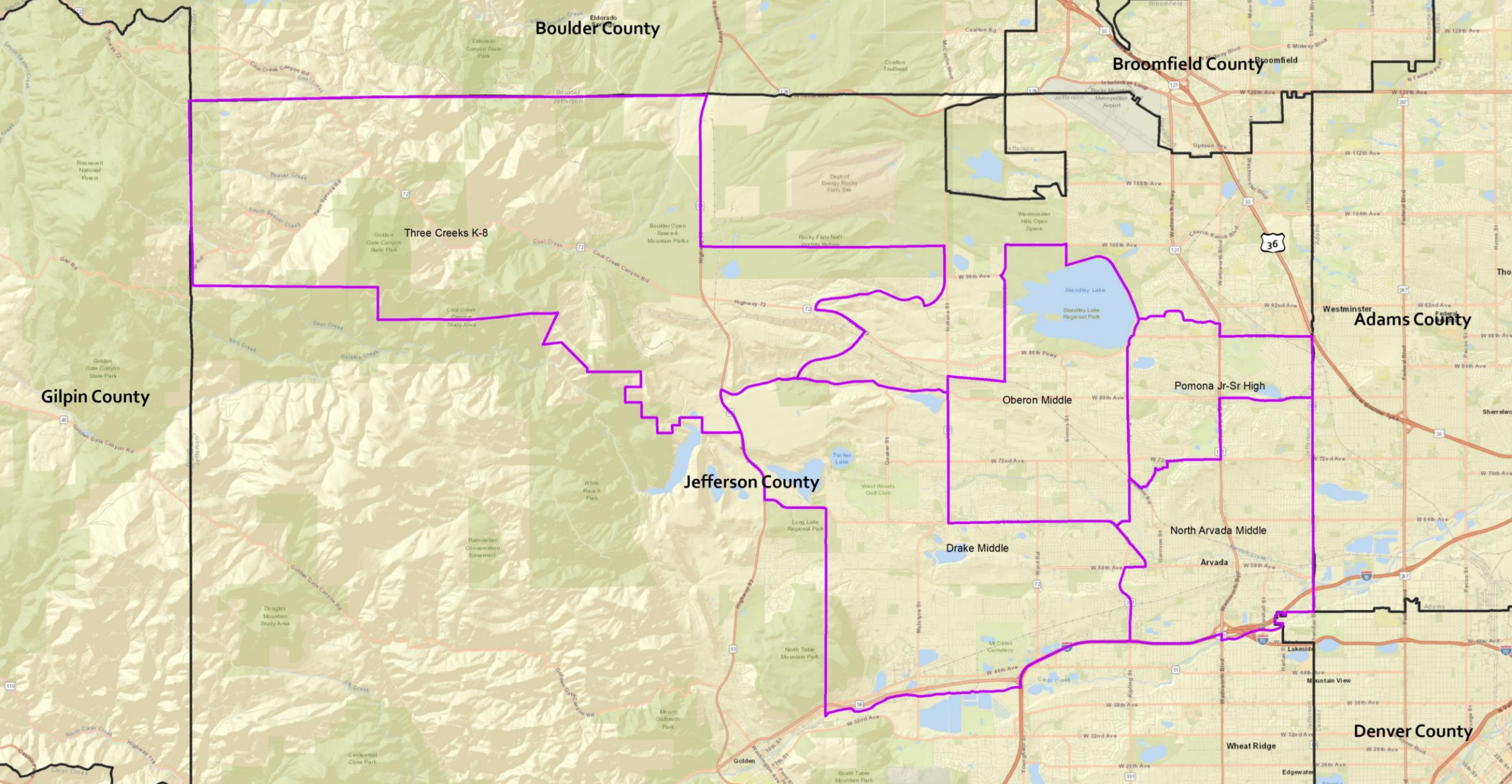
jennifer@coloradofuturescsu.org

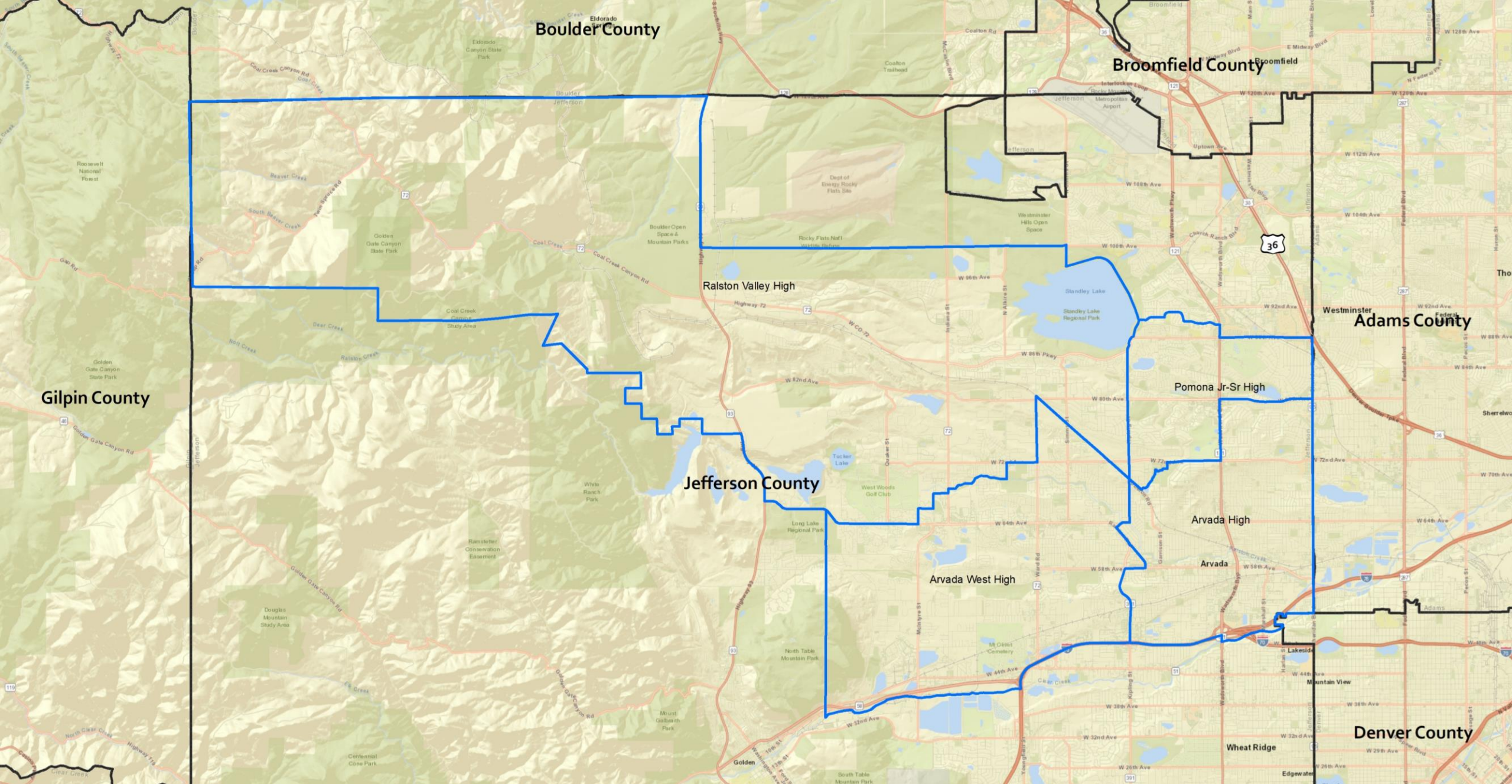
www.coloradofuturescsu.org/

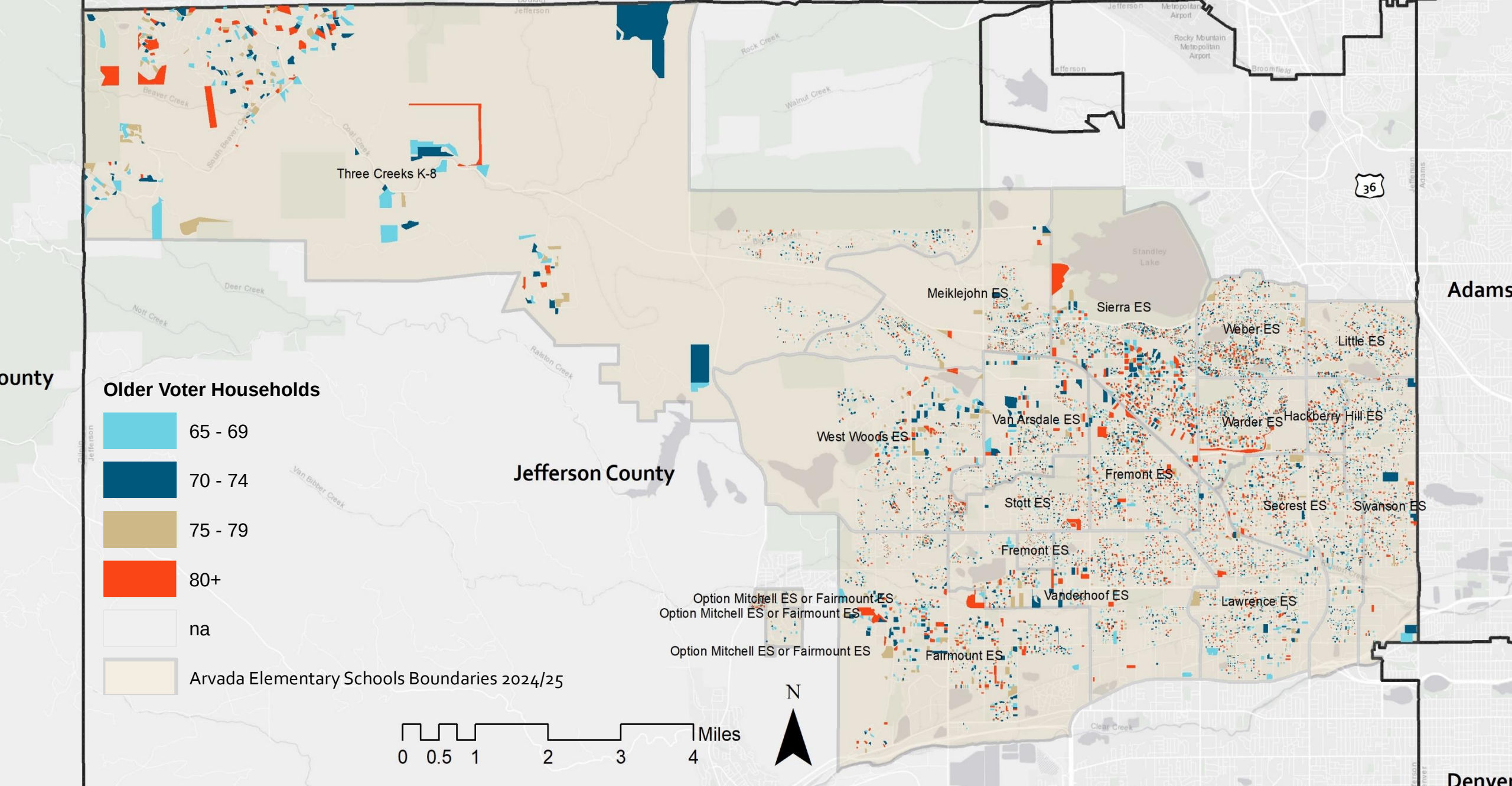
Appendix

EXTRA SLIDES

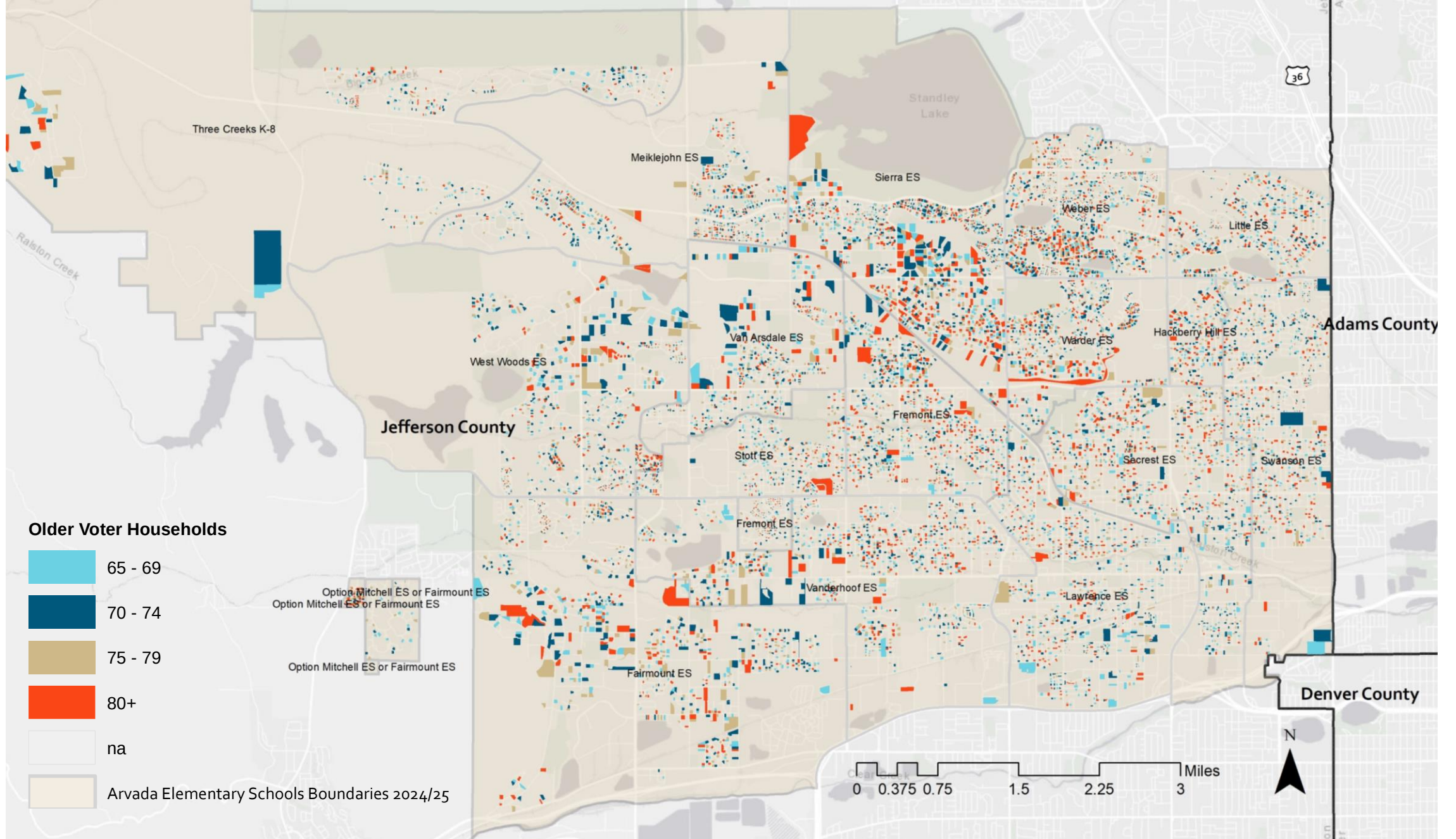








Source: CFC analysis of Colorado Secretary of State and County Assessor data



Source: CFC analysis of Colorado Secretary of State and County Assessor data

Forecast methodology: Considerations in newly developing and fast-growing areas

CFC's model is:

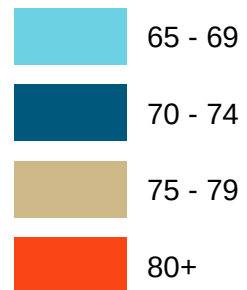
- Sensitive to trend of births
- Sensitive to trend of females of childbearing age
- Sensitive to the relationship between births and cohorts of students living in the area once school aged

In newly developing and faster growing areas, trend forecasting must be complimented with additional analysis because we know that the rapid rates of increase will not sustain

- Apply a cohort approach to the underlying trend analyses
- Attempt to identify the pattern and timing of development and impose that on the trends
- Use assumptions and relationships with other Arvada (RV) schools to develop trend patterns once the periods of outsized growth normalize

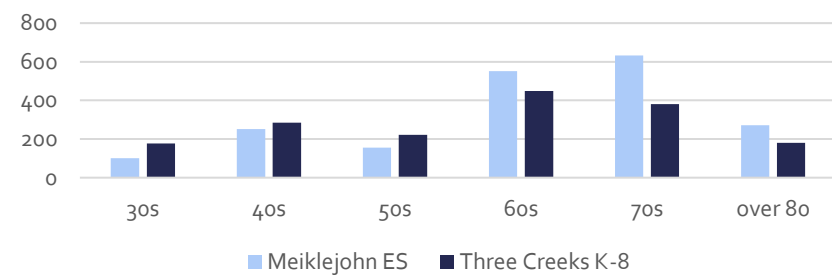
Voters by age: Zoom in Three Creeks and Meiklejohn

Older Voter Households

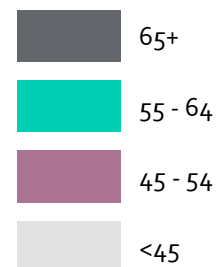


Voters by age: Zoom in Three Creeks and Meiklejohn

Registered Voter Households

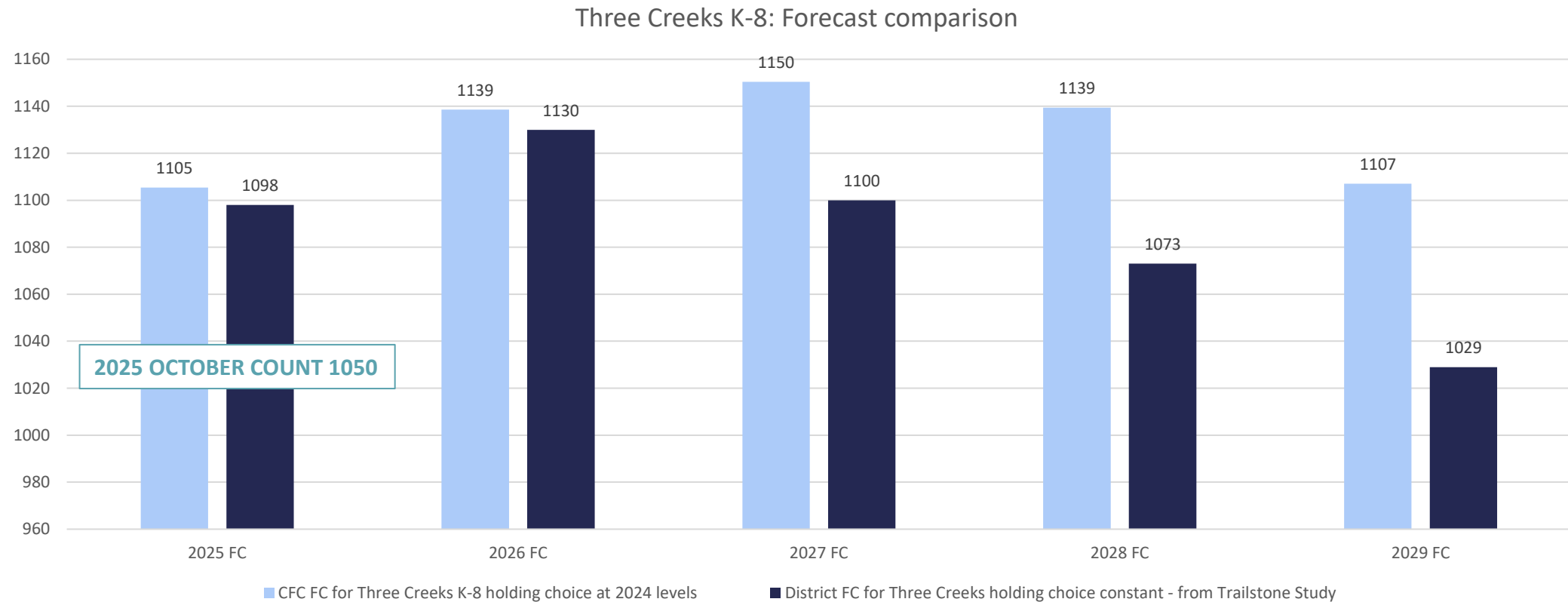


Median Age Voter Households



Three Creeks K-8 enrollment forecast by grade:

Holds *choice at 2024 levels* and *trends cohorts of students who live in the school boundary*.



Birth pattern also evident in full cohort forecast

