

Understanding Cañon City's Innovative Schools

April 25, 2019

Analysis provided by the Community EdData Hub



District Comparisons

To better understand Cañon City schools in context, their performance is compared to similar districts throughout this presentation. Those districts are:

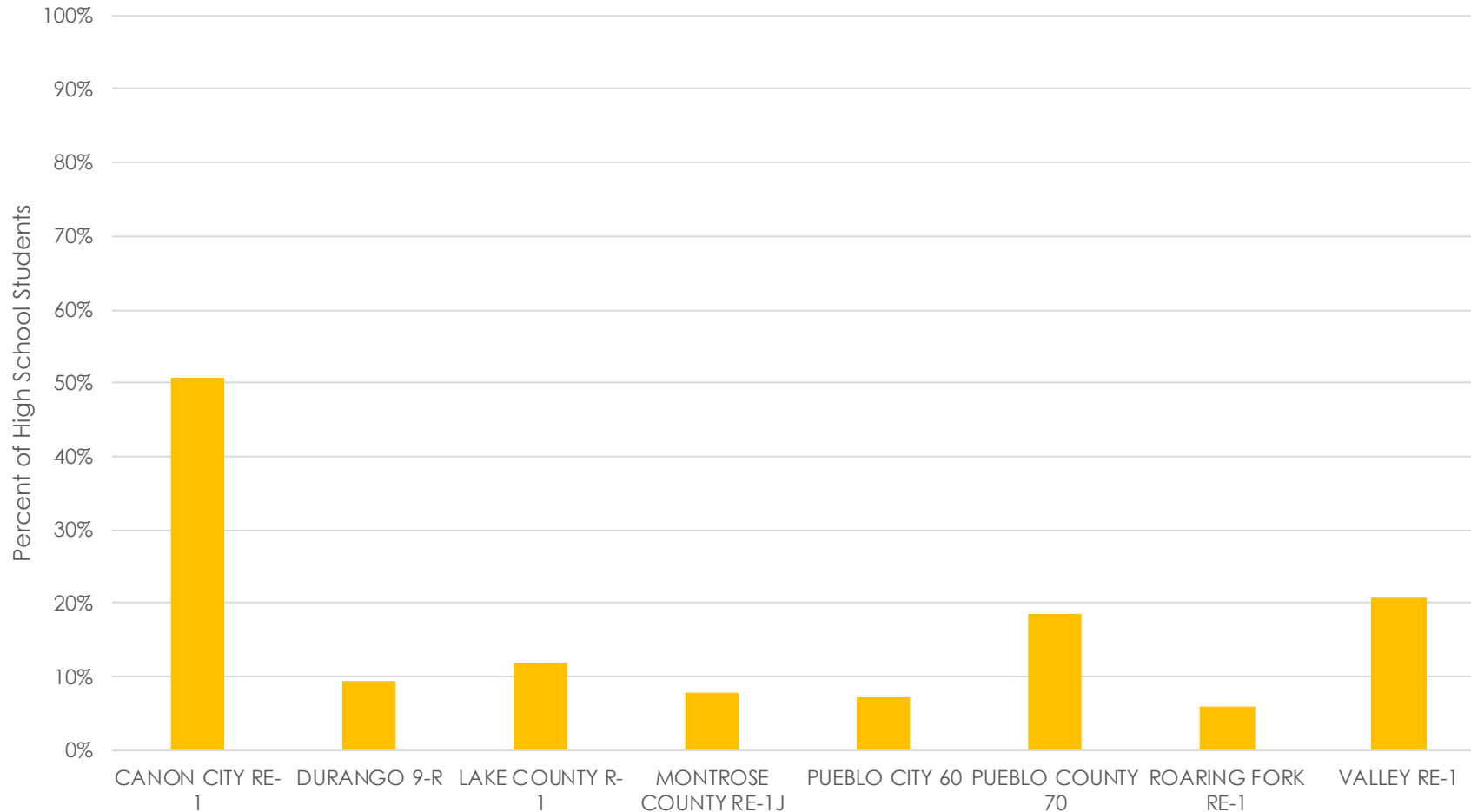
- Durango
- Lake
- Montrose
- Pueblo 60
- Pueblo 70
- Roaring Fork

These districts have similar demographic indices to Cañon City or are nearby competitors.

Early College Opportunities

High School Students Taking Courses for College Credit

Percent of High School Students Taking Concurrent Enrollment Courses by District (2018)



Questions to ask about this data:

- How do these concurrent enrollment participation rates look when broken down across different demographic groups?
- How are concurrent enrollment rates driving Cañon City's college matriculation and persistence rates?
- Which students are accessing Concurrent Enrollment courses?

Credits Earned by the Class of 2019

Total Credits Earned	4236
Total Students Taking Concurrent Enrollment Classes	194
Average Credits/Student	22
Most common number of credits earned by a student	18
Maximum number of credits earned by a student	69
Average Cost Savings/Student	\$3,298.75

Postsecondary and Career Preparation

Matriculation Rates for the Classes of 2009-2015

District Name	High School Name	Percent of Students Enrolled in any 2- or 4-Year College or University	Percent of Students Enrolled in a Top School
PUEBLO COUNTY 70	SOUTHERN COLORADO EARLY COLLEGE	65%	5%
PUEBLO CITY 60	SOUTH HIGH SCHOOL	62%	9%
PUEBLO COUNTY 70	PUEBLO COUNTY HIGH SCHOOL	60%	5%
PUEBLO CITY 60	DOLORES HUERTA PREPARATORY HIGH SCHOOL	59%	4%
PUEBLO CITY 60	CENTENNIAL HIGH SCHOOL	58%	11%
PUEBLO CITY 60	EAST HIGH SCHOOL	56%	8%
CANON CITY RE-1	CANON CITY HIGH SCHOOL	48%	8%

* The list of "top schools" includes the 150 highest ranked national universities and 150 highest ranked colleges by U.S. News and World Report in 2016, which we used as a proxy for high quality postsecondary options. While no list of the "top colleges" is perfect, this collection of 300 schools represents a diverse group of institutions, with an average acceptance rate of 54%, weighted by school size. In Colorado, it includes University of Colorado Boulder, Colorado School of Mines, Colorado State University, United States Air Force Academy, and Colorado College.

Questions to ask about this data:

- How do these percentages look when broken down across different demographic groups?
- How can Cañon City track other postsecondary outcomes like workforce participation?

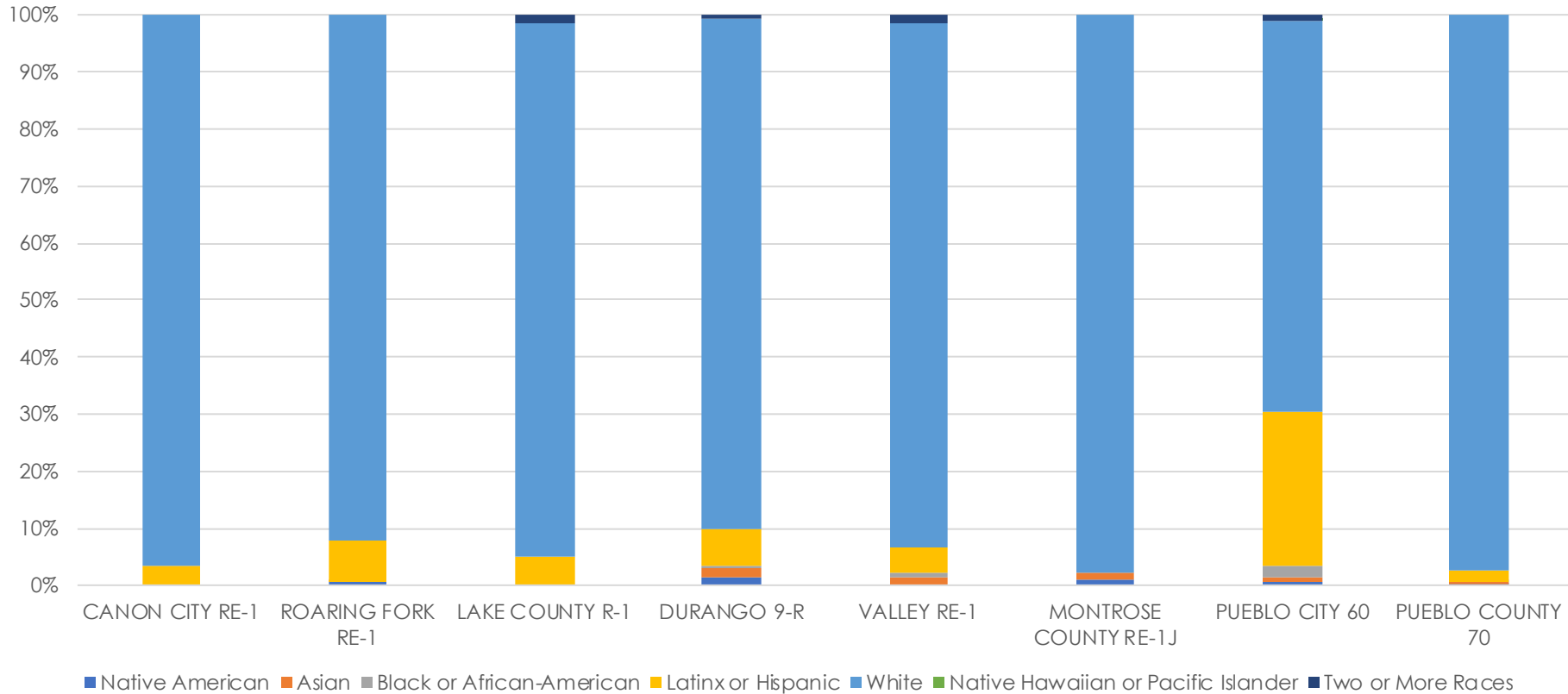
Matriculation only tells part of the story. Persistence rates tell us whether students that matriculate into a college continue with their education beyond the first year:

District	Persistence Rate (2016)
Cañon City	75 %
Pueblo 60	80%
Pueblo 70	78%
State	80%

Teachers

Teacher Diversity

Teachers by Race/Ethnicity in Canon City Compared to Other Districts



Questions to ask about this data:

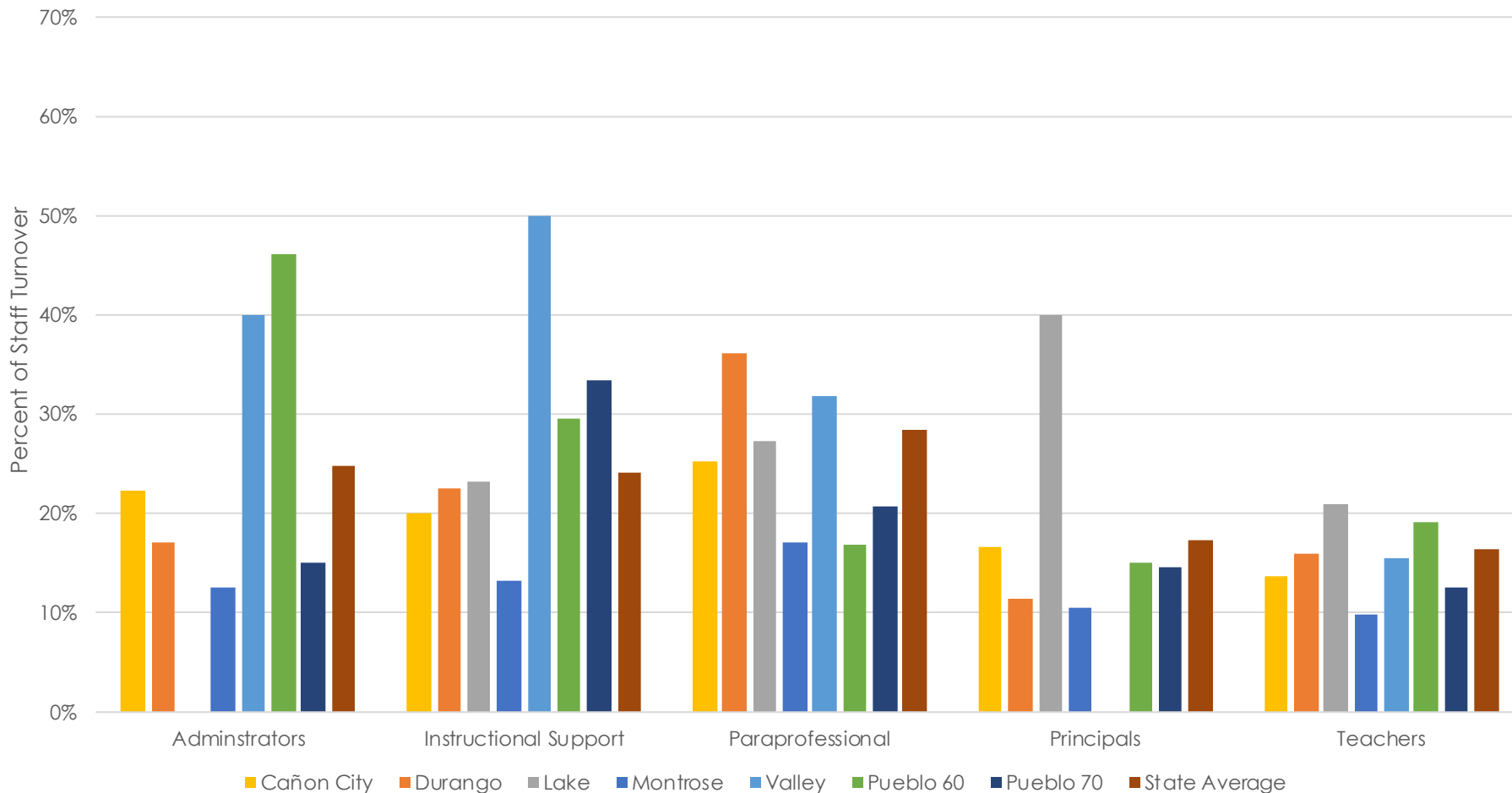
- As Cañon City's demographics change how does teacher diversity change?
- How can Cañon City ensure that its teachers are representative of its student body (demographics below)?

While 15% of Cañon City students identify as Latinx, less than 5% of Cañon City's teachers identify as Latinx.

American Indian or Alaska Native	1%
Asian	1%
Black or African American	0%
Latinx	15%
White	80%
Native Hawaiian or Other Pacific Islander	0%
Two or More Races	4%

Educator Turnover Rates

2018-19 Turnover Rates by Position Type in Cañon City Compared to Other Districts



Key Takeaways:

- Cañon City's turnover rates are relatively low compared to the State averages and other districts, especially amongst teachers.

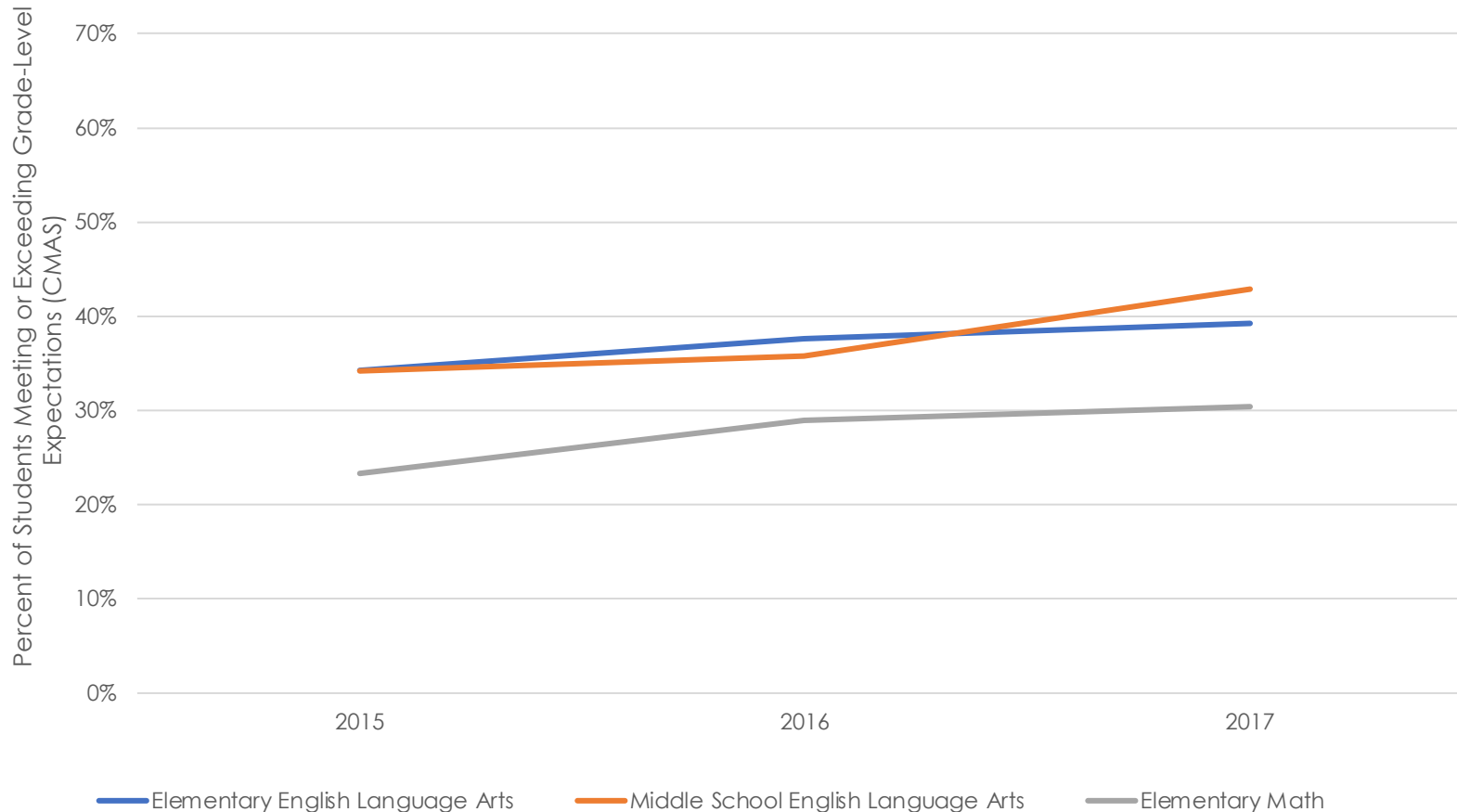
Questions to ask about this data:

- How do these percentages look when broken down across different demographic groups?
- Given that teacher retention is so high, how can Cañon City better recruit quality talent?

Academic Growth and Achievement

Student Achievement Progress Over Time

Improving Academic Performance in Cañon City:
Percent of Students Meeting or Exceeding Grade-Level Expectations



Key takeaways:

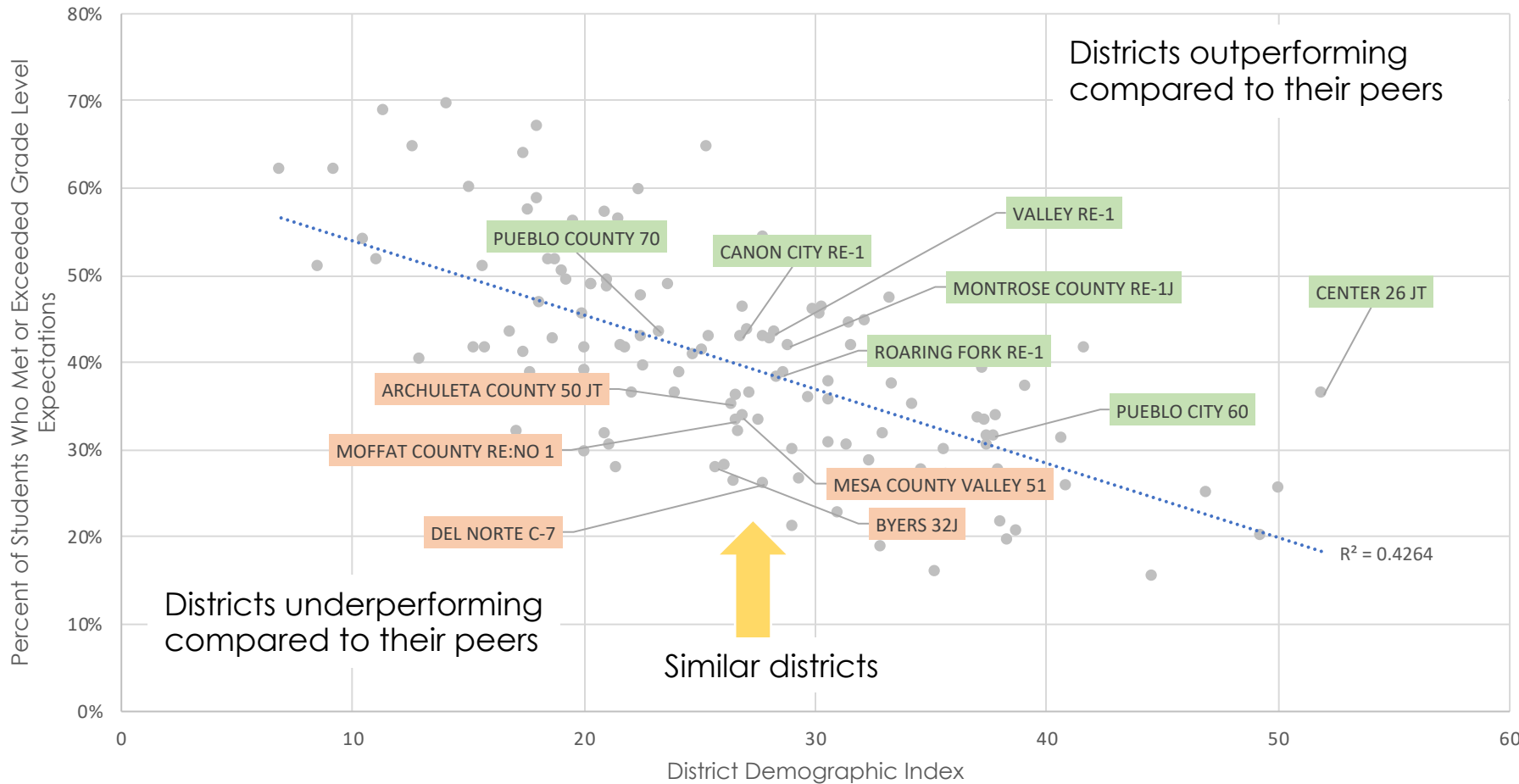
- Cañon City seen improvement in their academic achievement over time, across grade levels.

Questions about this data:

- How do these trends look for different demographic groups?
- How do these trends look for individual schools? Are certain schools driving the improvement? What are those schools doing that's working and that can be replicated in others?

District Academic Performance by District Demographic Index

District Outliers: Elementary and Middle School English Language Arts 2018



How to read this chart:

- The horizontal x-axis measures the district's demographic index. The vertical y-axis shows the percent of students meeting grade-level expectation in English Language Arts.
- Districts above the dotted-blue trendline are beating the odds compared to similar districts. Districts below the trendline are doing worse at serving their students compared to similar districts.

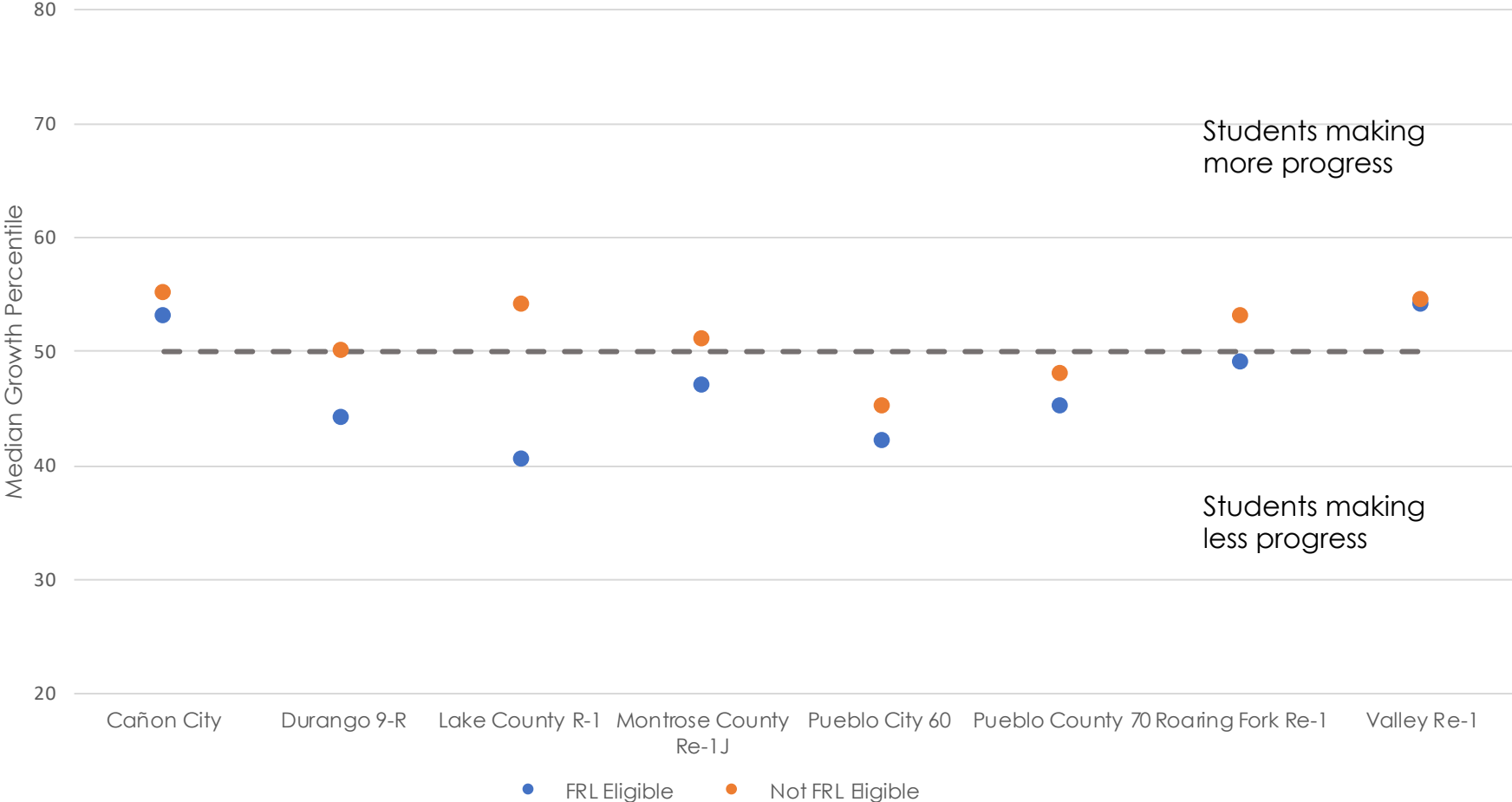
Questions to ask about this data:

- How does Cañon City continue to perform over time compared to similar districts?
- How does Cañon City's demographic index change over time?

Note: The Demographic index is a measure that compares similar districts. It measures the proportion of students that qualify for free/reduced priced lunch, receive English language learning services, have Individualized Education Programs and the district mobility rate. Cañon Cities index comes from its proportion of FRL students and students on IEPs.

Student Academic Growth

Growth for Students Eligible for Free or Reduced Priced Lunch in Math, by District (2018)

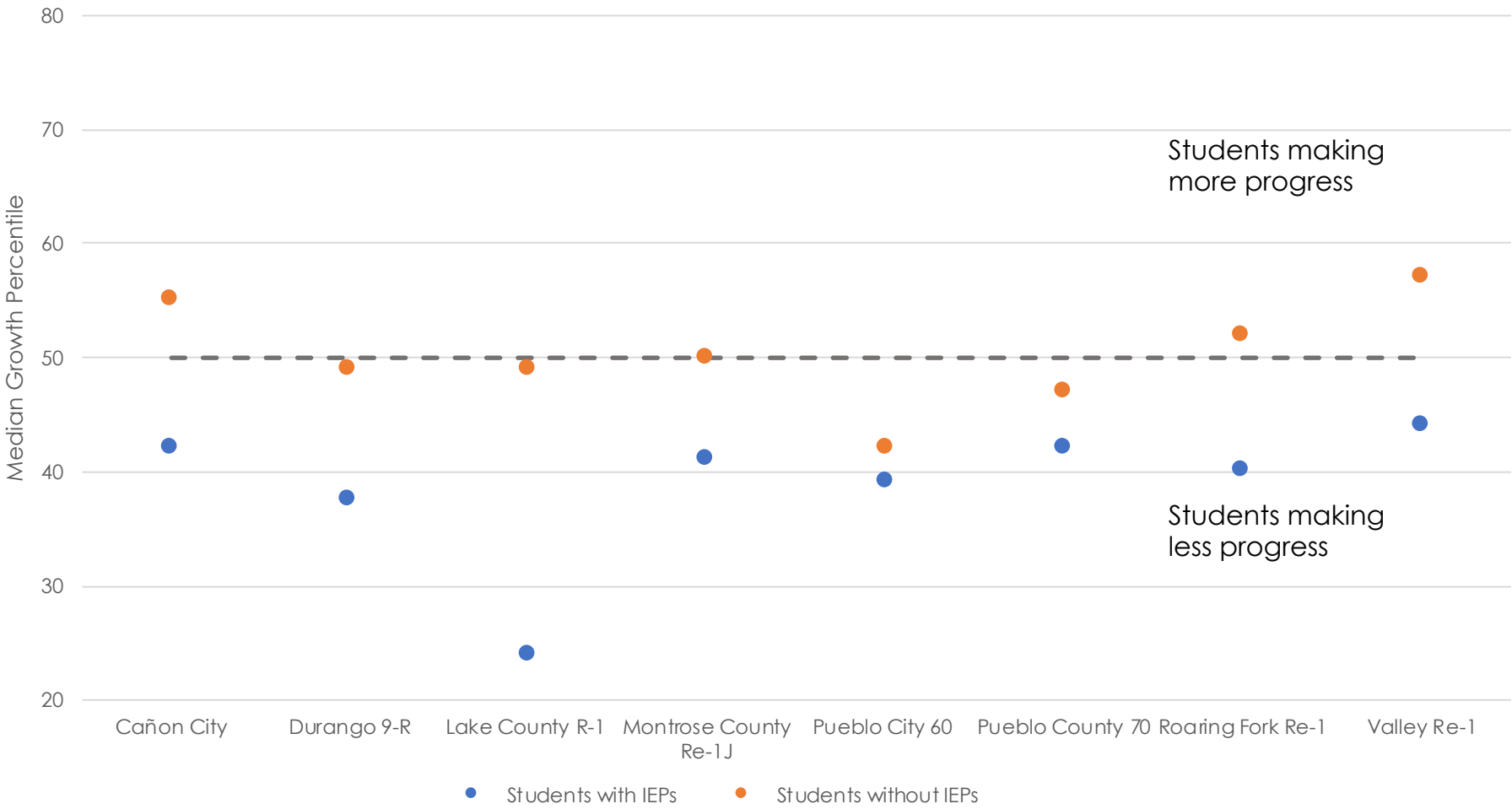


Key takeaways:

- Cañon City has small gaps between students by income-level.
- Generally, in Cañon City students are making more progress in a year, compared to their academic peers across the state.

Student Academic Growth

Growth for Students with Individualized Education Programs in Math, by District (2018)



Key takeaways:

- Cañon City a relatively large proportion of students with IEPs (~15%). Valley also has a similar proportion of students with IEPs (16%).
- Cañon City students with IEPs are making less progress than their peers without IEPs and are about on par with Valley's students with IEPs.

Thanks!

Still have questions? Reach out to the Cañon City School District or the Community EdData Hub.

EdDataHub@apluscolorado.org