

Kindergarten through Career in Doña Ana County

What do the data tell us?



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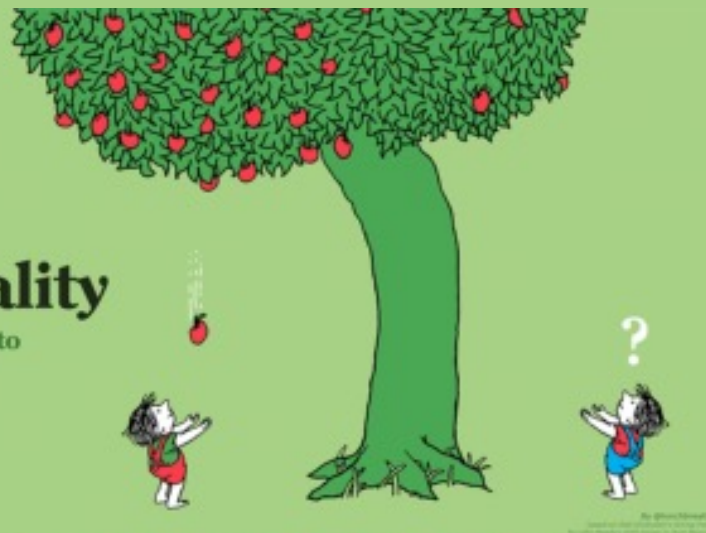
November 16, 2021



BE BOLD. Shape the Future.
Center for Community Analysis

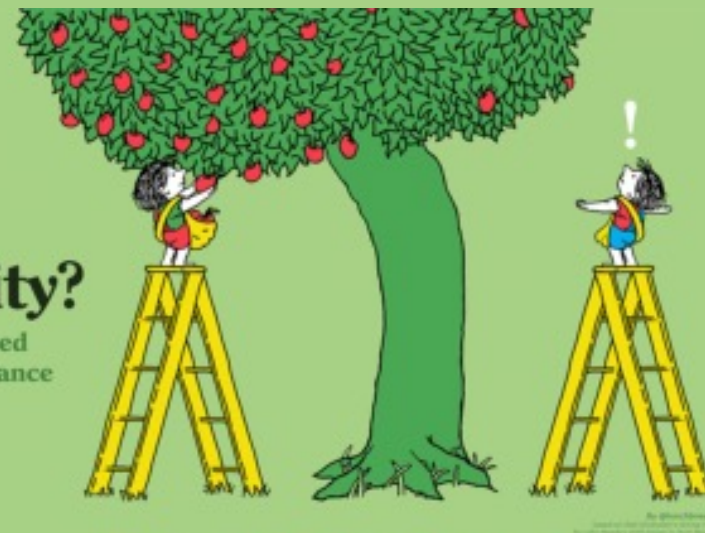
Inequality

Unequal access to opportunities



Equality?

Evenly distributed tools and assistance



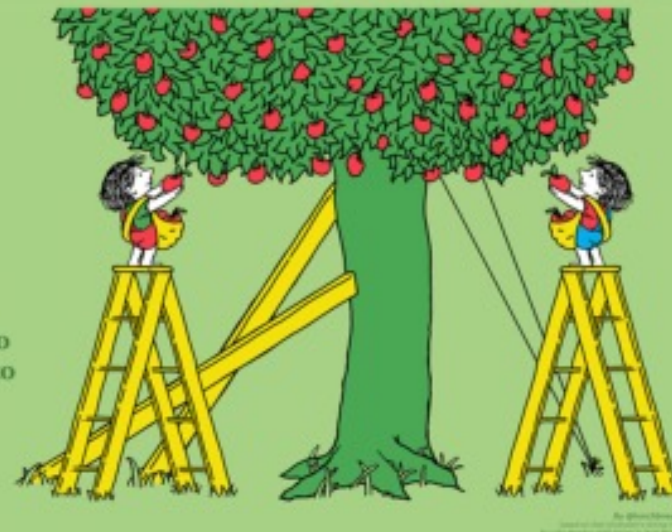
Equity

Custom tools that identify and address inequality



Justice

Fixing the system to offer equal access to both tools and opportunities



Question: Have we achieved Equality? Equity? How do we get from Equity to Justice?

Equity

Custom tools that
identify and address
inequality



Justice

Fixing the system to
offer equal access to
both tools and
opportunities



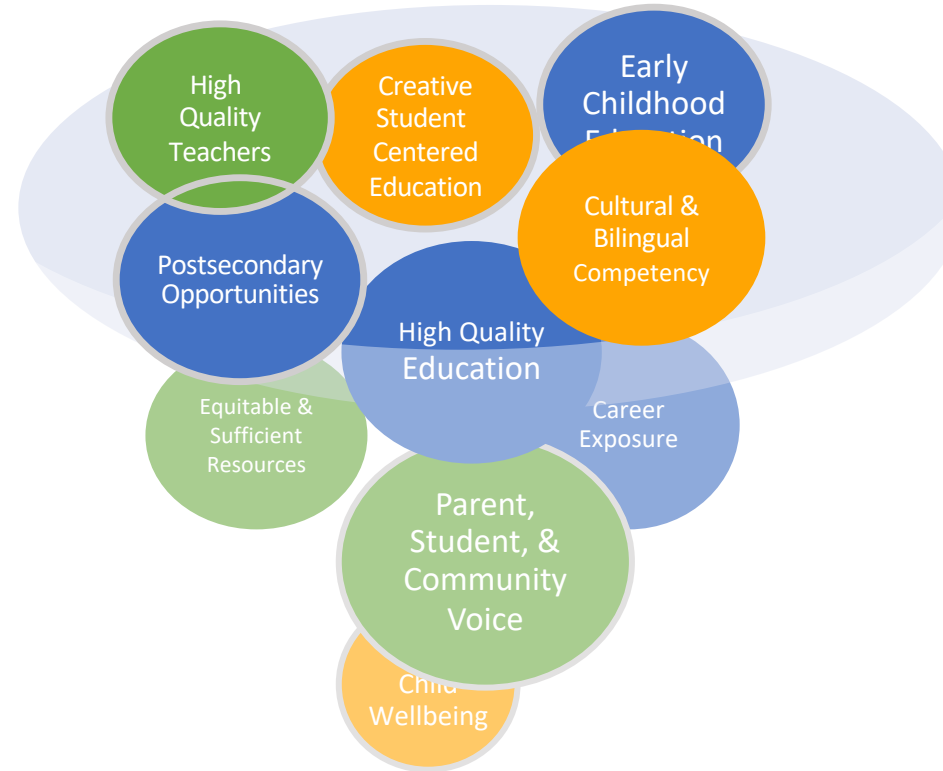
- Improve early childhood education
- Increase high school completion
- Post-secondary access & success
- Increase career opportunities for graduates
- Enhance support for educators
- Ensure equitable education resources
- Ensure parent, student, and community voice
- Improve whole child well-being
- Ensure creative, student-centered education
- Ensure cultural and bilingual competency



Input: Opportunities

Opportunity Gap:

The lack of opportunities between disadvantaged children and their peers to education and other resources needed to be successful.

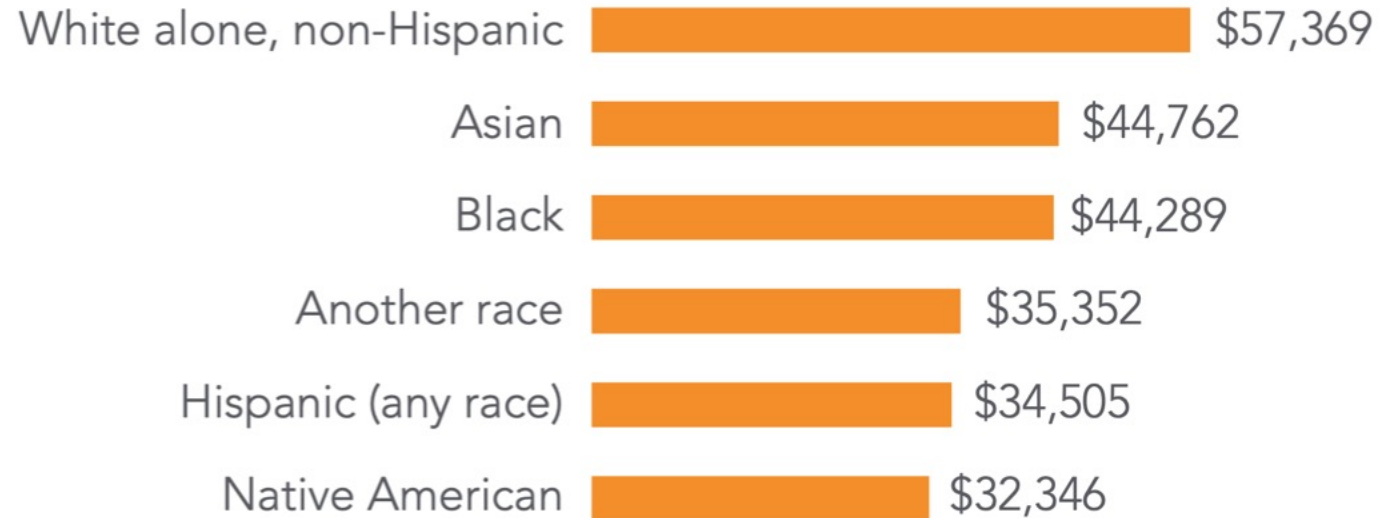


**Outcome
Achievement**



Demographics in Doña Ana County

Median Income by Race/Ethnicity in Doña Ana County: ¹



45.9%

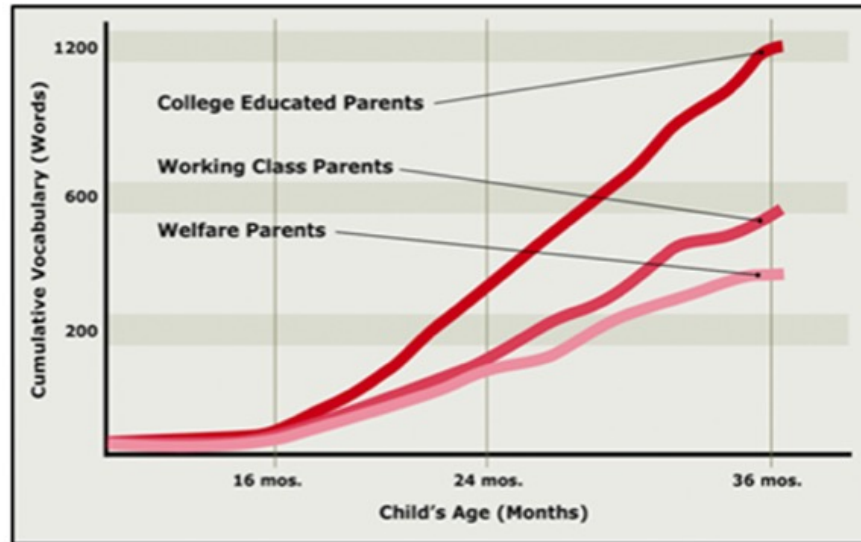
of **White, non-Hispanic** DAC residents have a **Bachelor's degree or higher.** ¹

15.6%

of **Hispanic** DAC residents have a **Bachelor's degree or higher.** ¹

Students Succeed Academically

18 Months: The Age At Which Disparities in Vocabulary Begin to Appear



Source: Image from <http://developingchild.harvard.edu/>
Hart, B., & Risley, T. (1995) Meaningful differences in the everyday experiences of young American children.

The **number of words** a child knows by age 3

PREDICTS



**3rd GRADE
READING SCORES**



**PREDICT
HIGH SCHOOL
GRADUATION**

"By age 3, children with college-educated parents or primary caregivers had vocabularies 2 to 3 times larger than those whose parents had not completed high school."

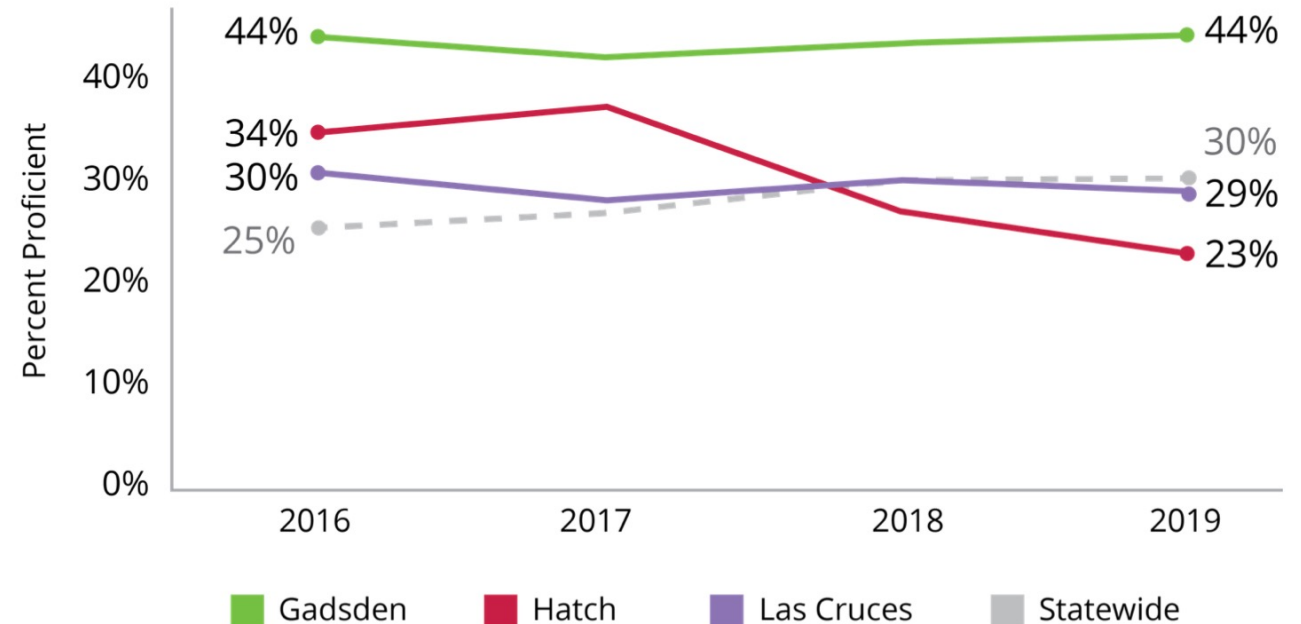
- Five Numbers to Remember about Early Childhood Development. Harvard (2017)

3rd Grade Reading Proficiency

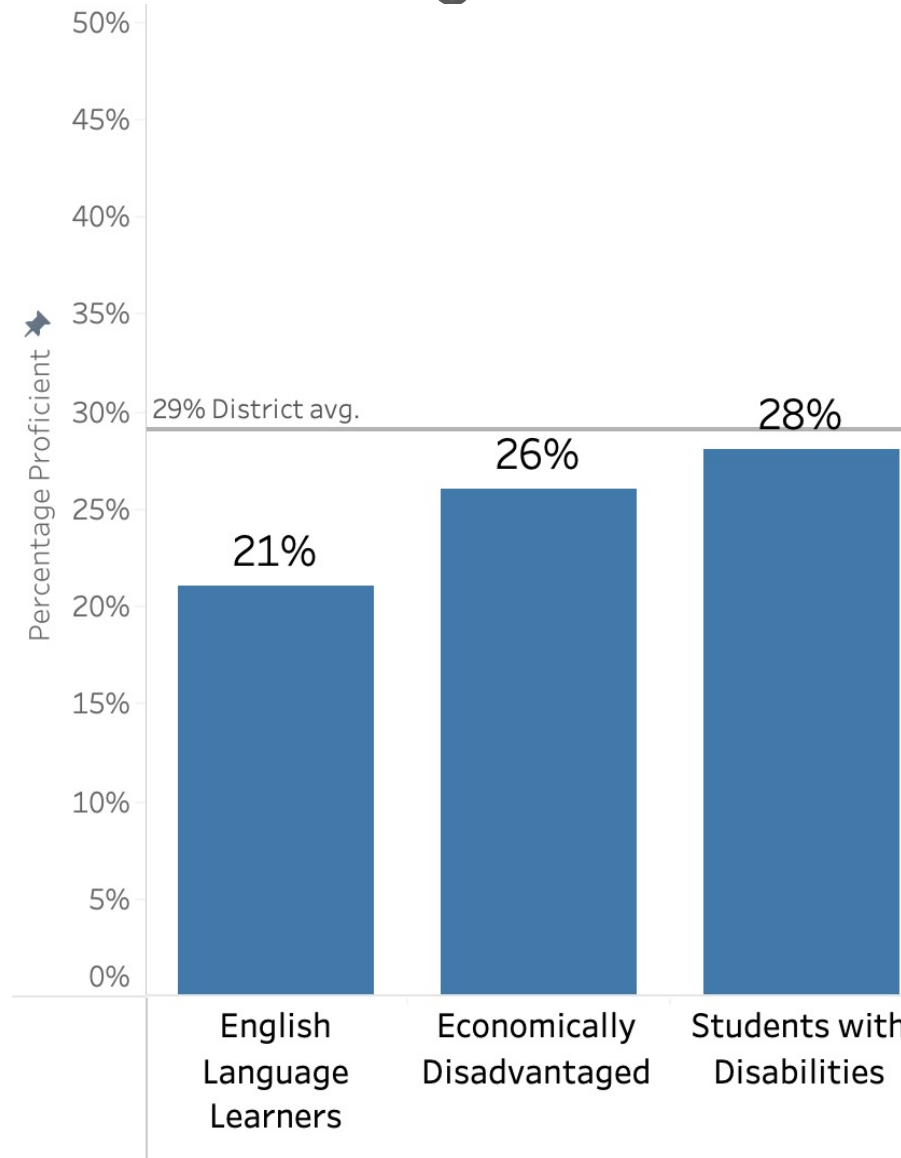
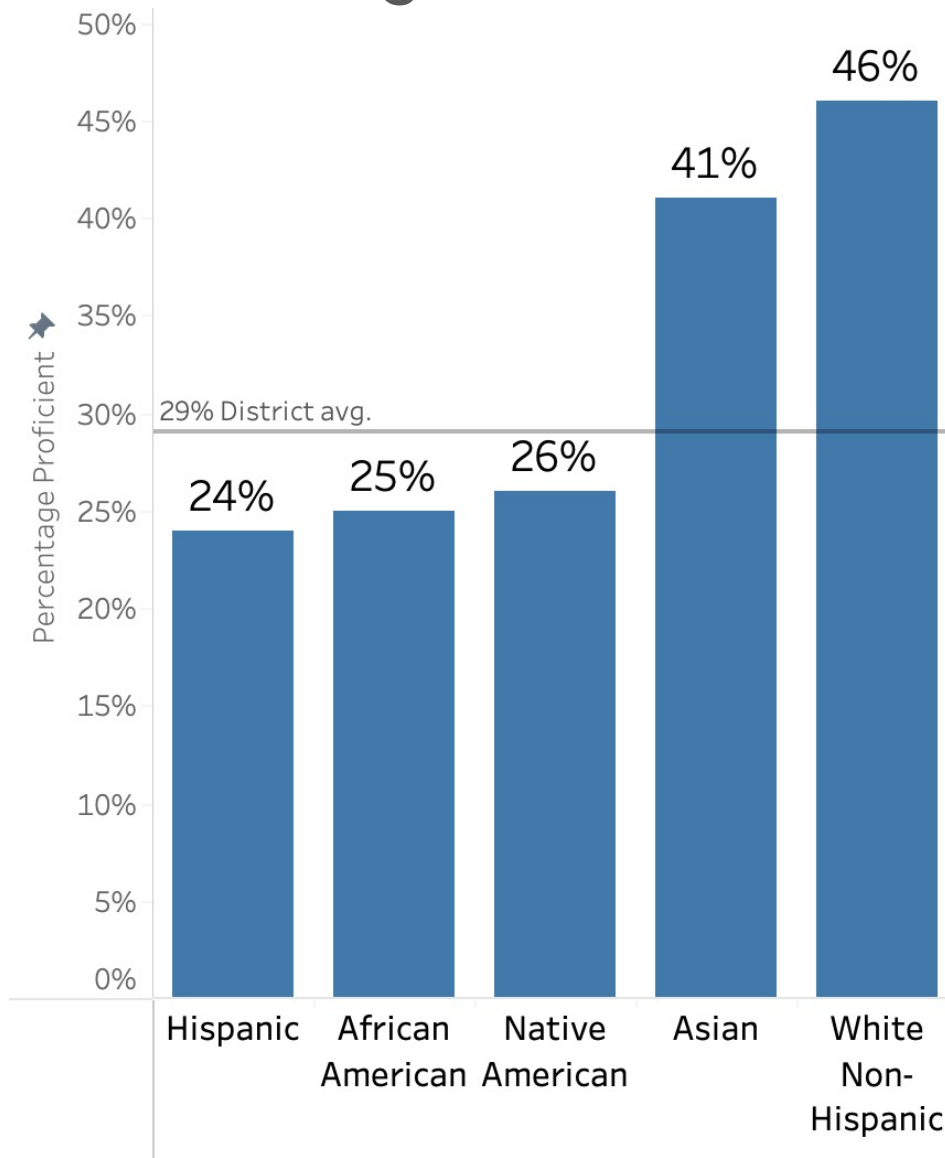
Reading at grade level is one of the strongest predictors of future academic success, with data showing the association between gaps in early literacy and persistent achievement gaps.

Third-grade reading proficiency in Gadsden Public Schools remains one of the highest proficiency rates in the state. Students from Las Cruces and Hatch remain at or just below state proficiency levels.

Percentage of 3rd Grade Students Proficient in Reading Doña Ana County School Districts and New Mexico, (PARCC) FY 16-19

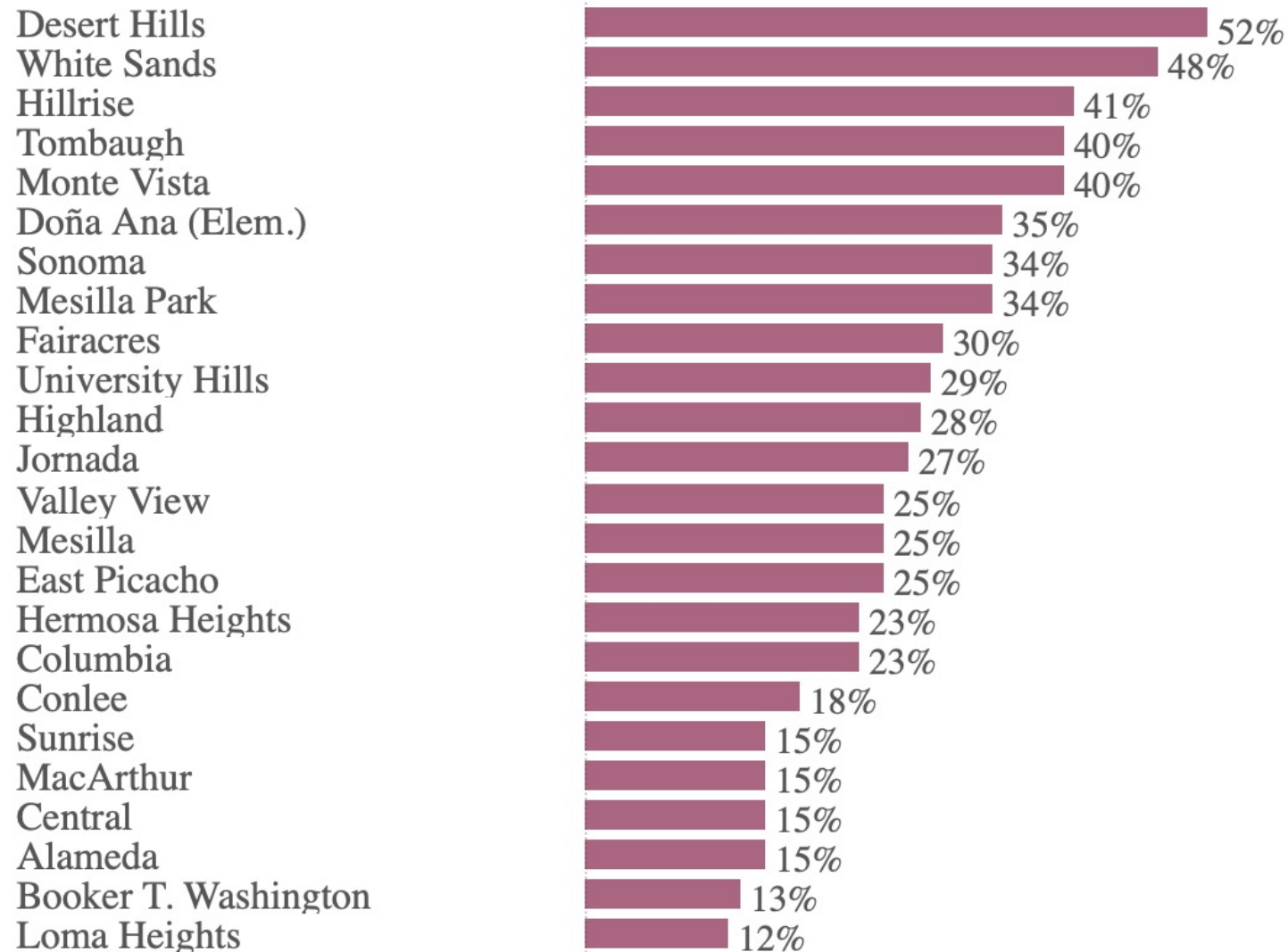


Percentage of 3rd Graders Proficient in Reading, LCPS, 2019



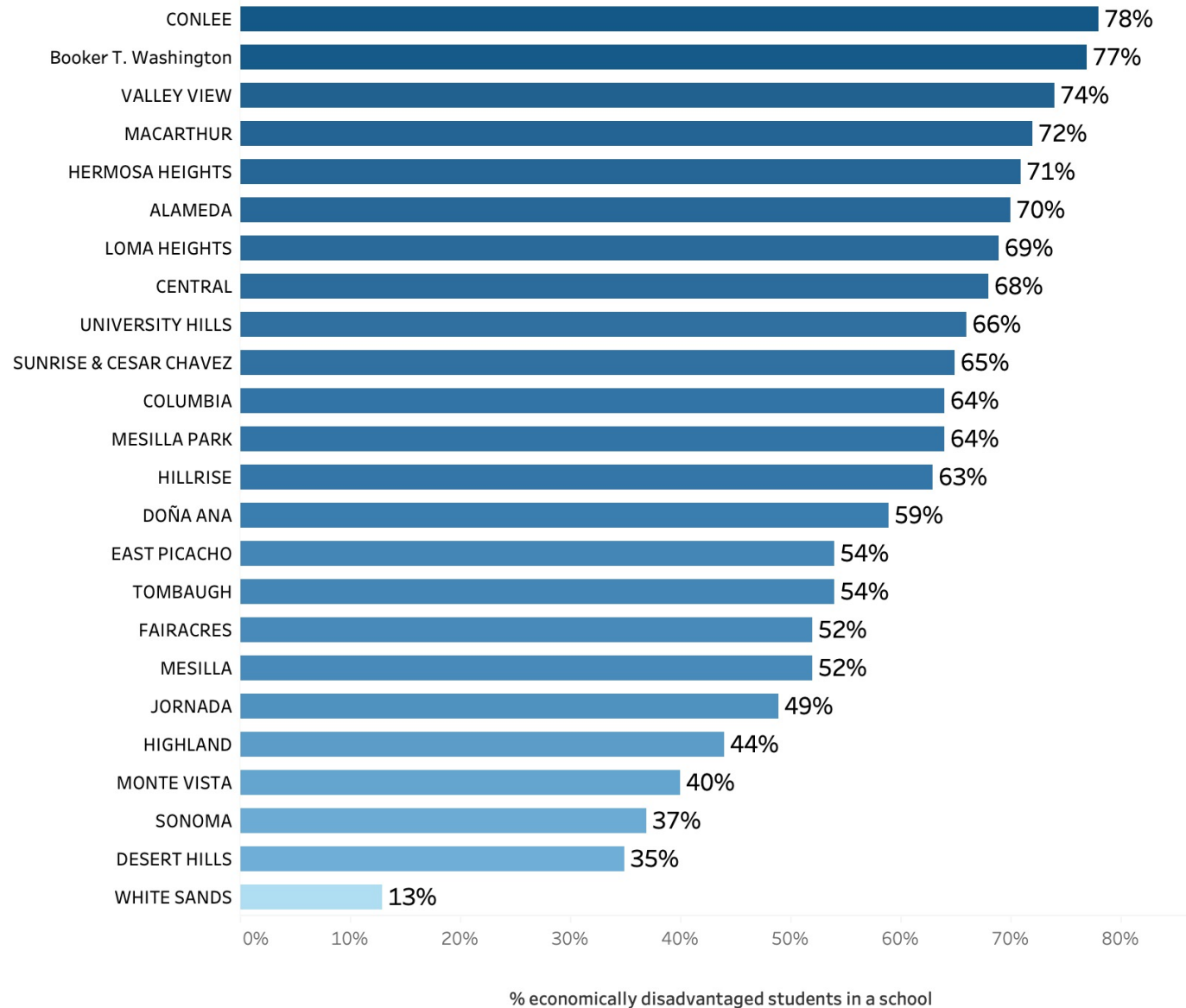
Why do these differences exist?
What is the story behind this data?

Percentage of 3rd Graders Proficient in Reading, by School in LCPS, 2019



What do you know about these schools that could explain the differences?

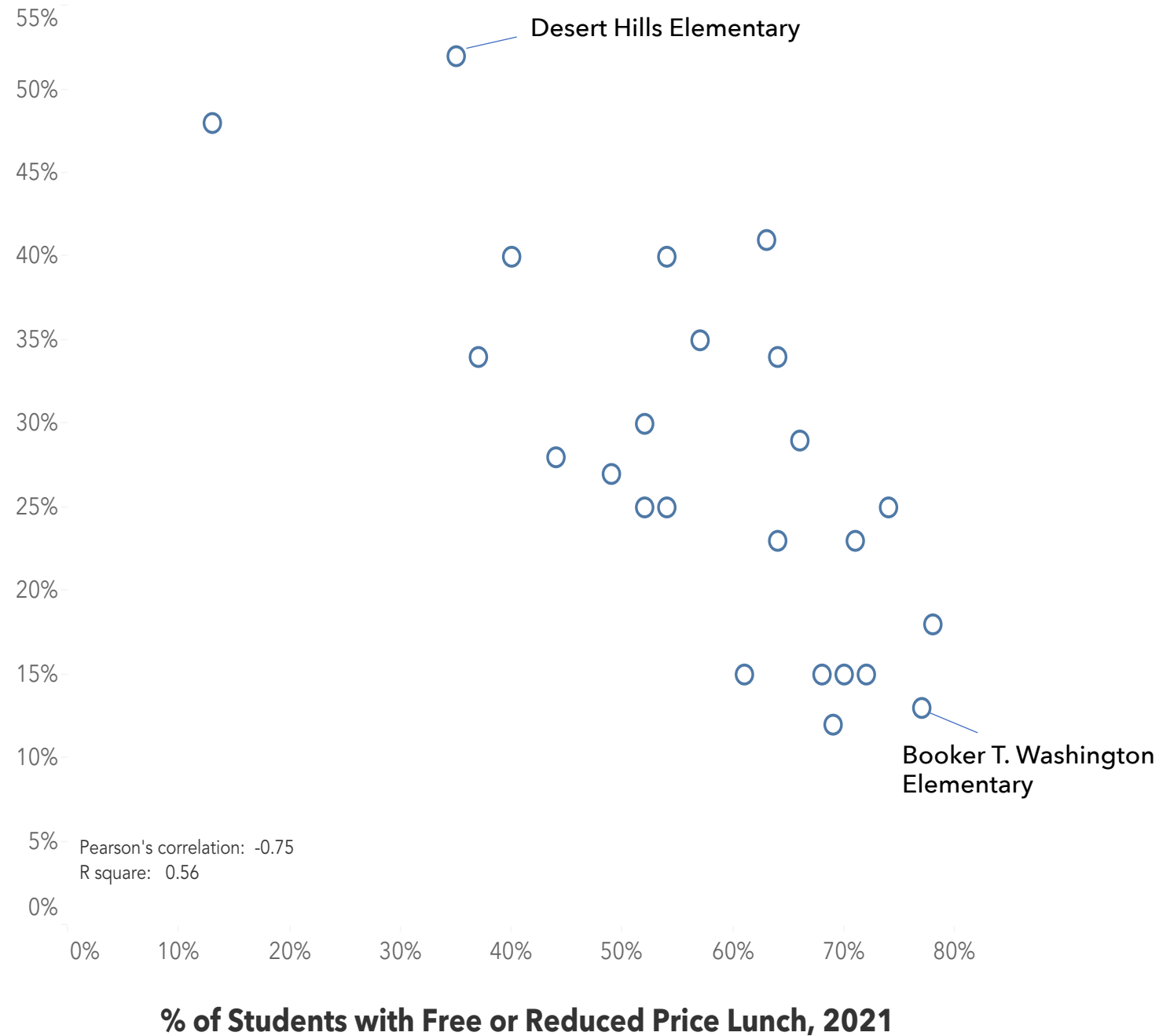
Percentage of economically disadvantaged students in LCPS elementary schools, 2019



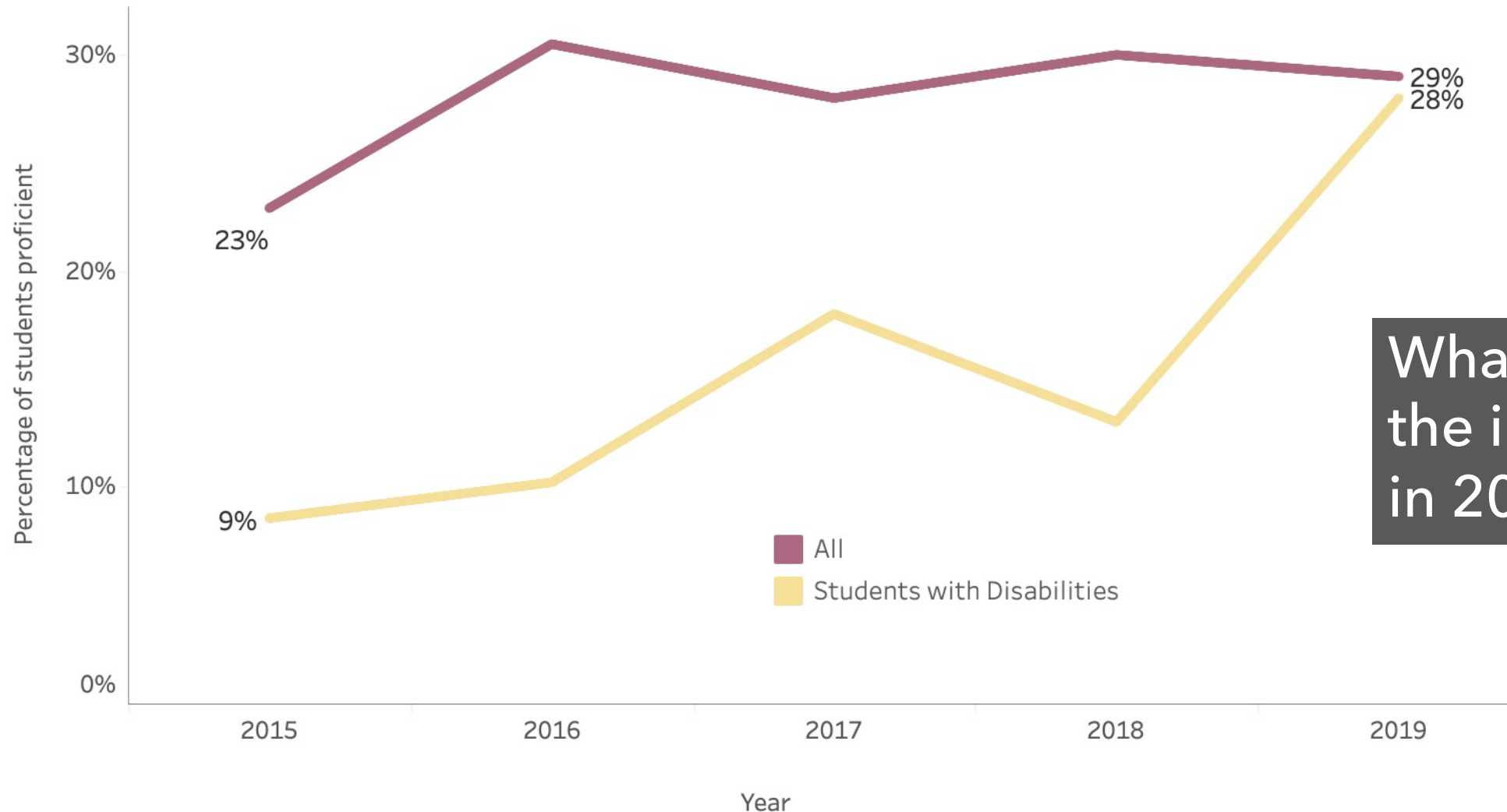
<https://cca.nmsu.edu/interactive-data-dashboards/lcps-school-demographics-and-school-zones/>

Is there a
relationship
between
academic
proficiency
and the
poverty rate in
a school?

% Proficient in Reading, 2019



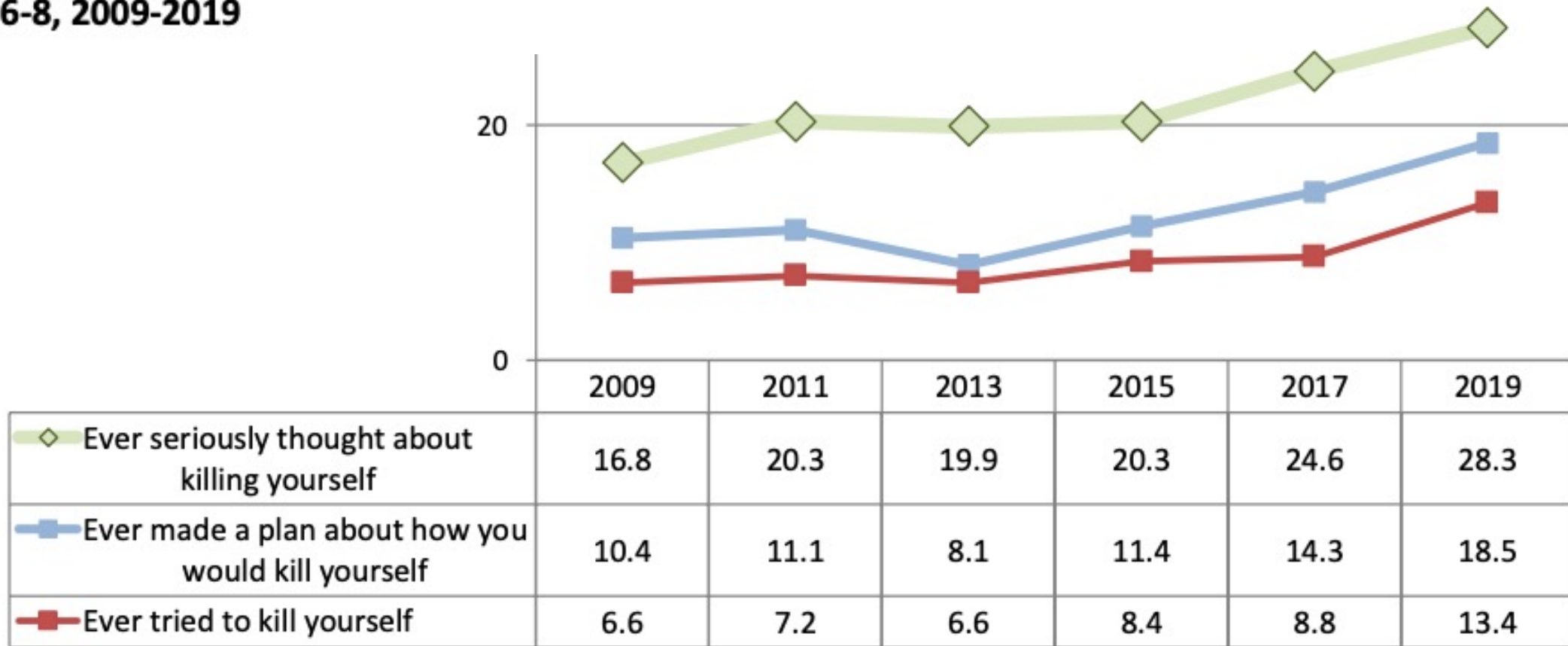
Percentage of 3rd Graders Proficient in Reading in Doña Ana County, Students with Disabilities, 2019



What caused
the increase
in 2019?

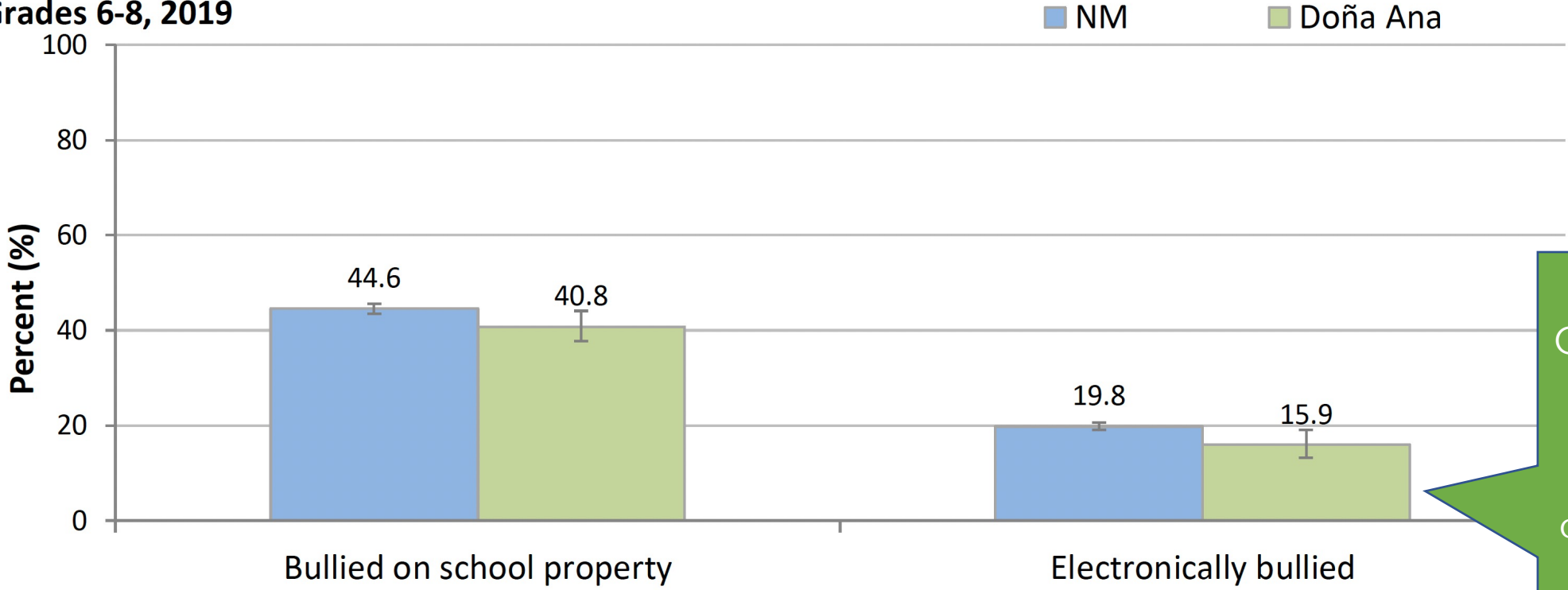
Students Supported in Healthy Schools

Behaviors Associated with Mental Health by Year, Doña Ana County Grades 6-8, 2009-2019



Source: Youth Risk and Resiliency Survey, New Mexico Department of Health, <https://youthrisk.org>

Personal Safety: Bullying
New Mexico and Doña Ana County
Grades 6-8, 2019



22.4%
Of female students
reported being
bullied
electronically
compared to 9.8%
of male students

Source: Youth Risk and Resiliency Survey, New Mexico Department of Health, <https://youthrisk.org>

**Students Tutoring
Students**

**The Digital Divide is
Being Addressed**

Question:

What other strengths can you think of within
our community?

**New Social
Studies Standards**

**Community
Schools**

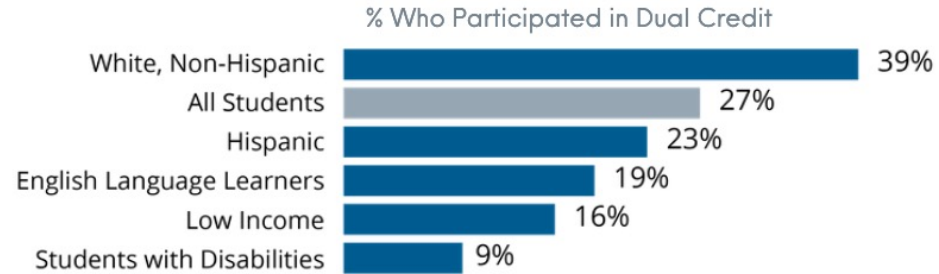


Equitable Access to Higher Education & Career Opportunities

- Wider access to college credit learning in high school provides an excellent opportunity to get an early jump on starting college, save on tuition, and explore various programs of study.
- Dual Credit, Early College High Schools, and CTE Courses can help to establish academic momentum—a foundation for early college and career success.

Percentage of Students from the 2018 Graduating Cohorts Who Participated in Dual Credit, By District and Demographic Group

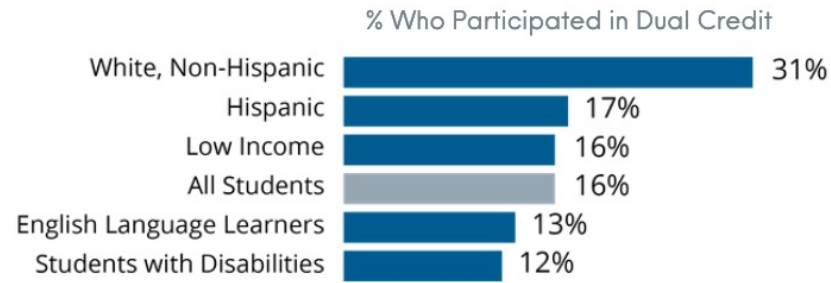
Las Cruces



Hatch



Gadsden



What are Early College High Schools?

ECHS simultaneously offer a high school diploma and a college-level credential and/or degree.

Who do they to serve?

Aim to **prioritize students underrepresented** in higher education :

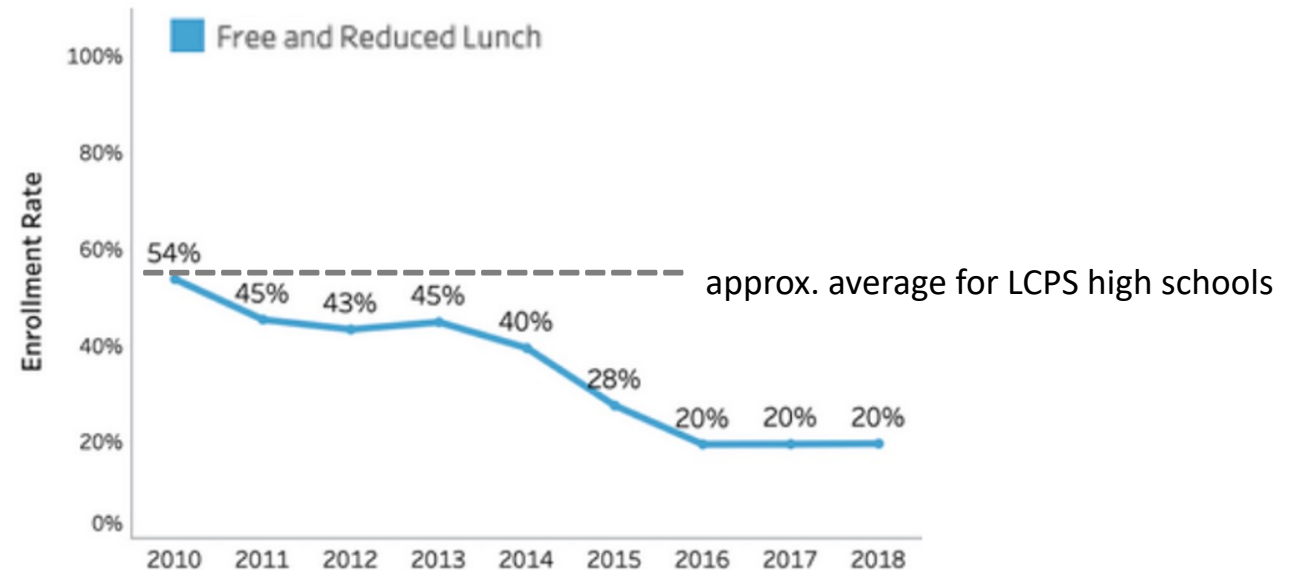
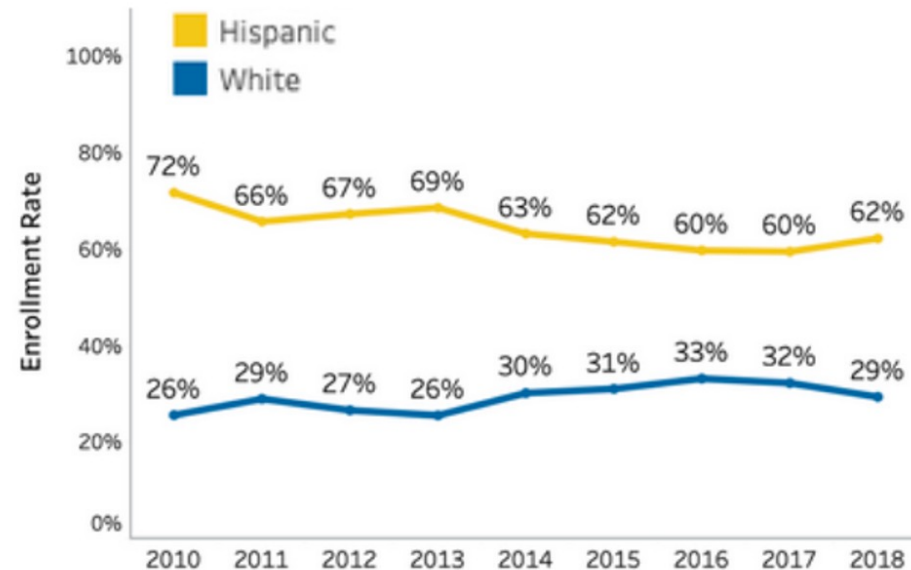
- Low-income youth
- First-generation college-goers
- English Language Learners
- Ethnically diverse students
- Other students underrepresented in higher education

Source: New Mexico Public Education Department



Early College High School Enrollment Demographics, By School and Demographic Group

Arrowhead Early College High School + Medical Academy (Las Cruces)



10% of all LCPS high school students are English Language Learners (ELL)
But only 3% of LCPS ECHS students are ELL

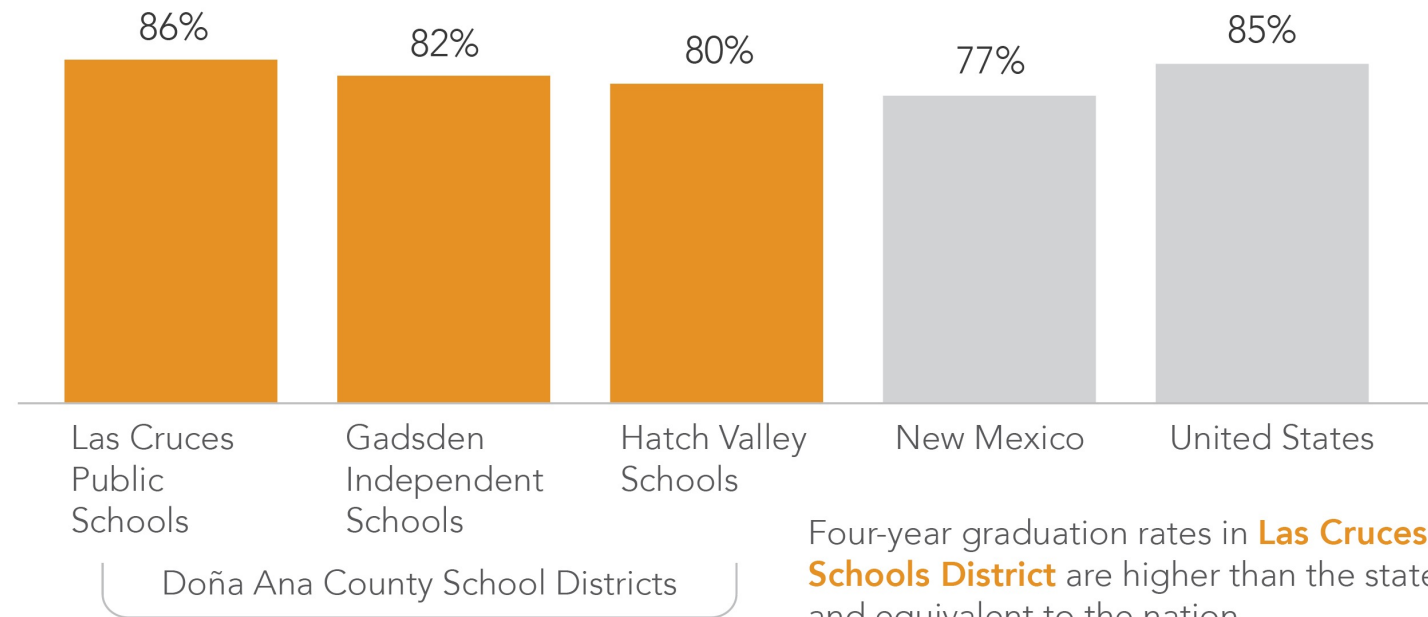
Are we serving the
population we originally
intended to serve?

Are students graduating ready for college?

- Only 40% of 11th graders are proficient in reading in Doña Ana County. (2019)
- The statewide total college remediation rate is around 39.3% for recent NM high school graduates. (2018)

Doña Ana County High School Graduation Rates, by District, Compared to State and National Rates:

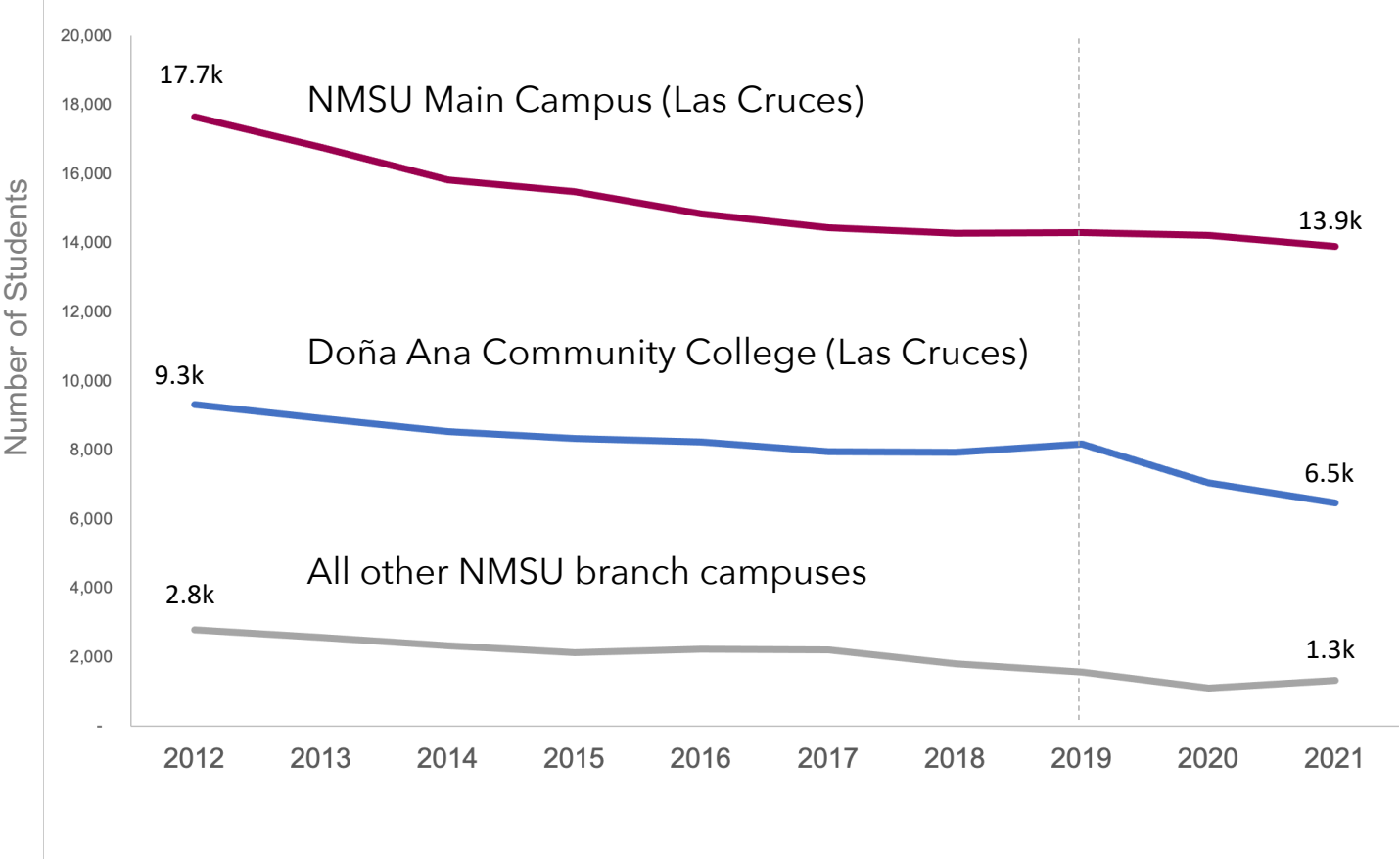
4-Year High School Graduation Rates, FY 2020 ⁴



Four-year graduation rates in **Las Cruces Public Schools District** are higher than the state average and equivalent to the nation.

NMSU System Student Headcounts

Fall Student Headcount at NMSU Campuses



4 NMSU (Main) students received a Bachelor's in **Special Education in 2020** (Down 67% compared to 12 in 2015)

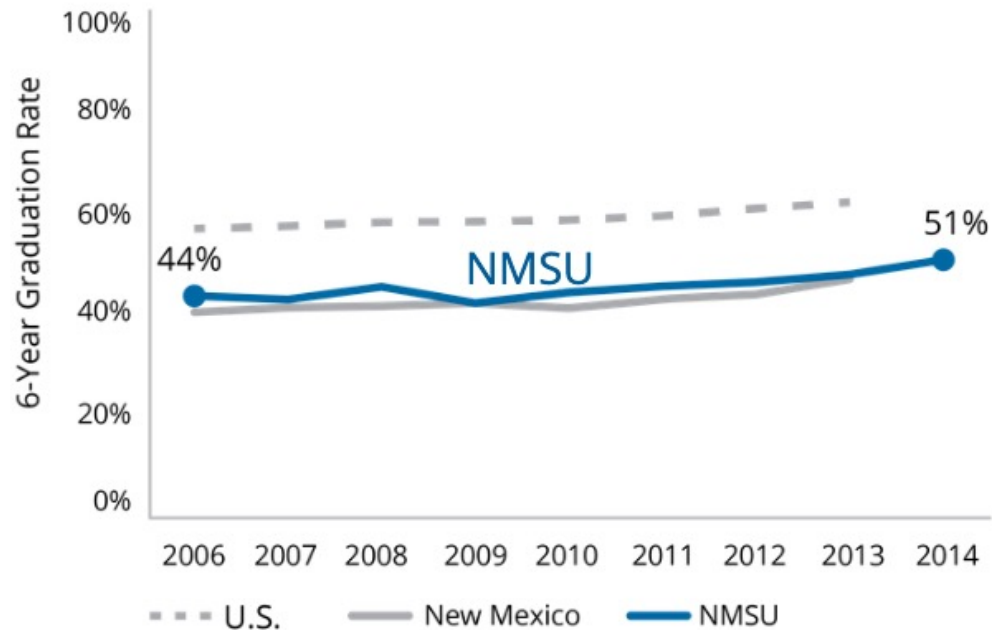
28 NMSU (Main) students received a Bachelor's in **Elementary Education in 2020** (Down 56% compared to 64 in 2015)

Question:
Why would DACC enrollment decrease more dramatically during the pandemic?

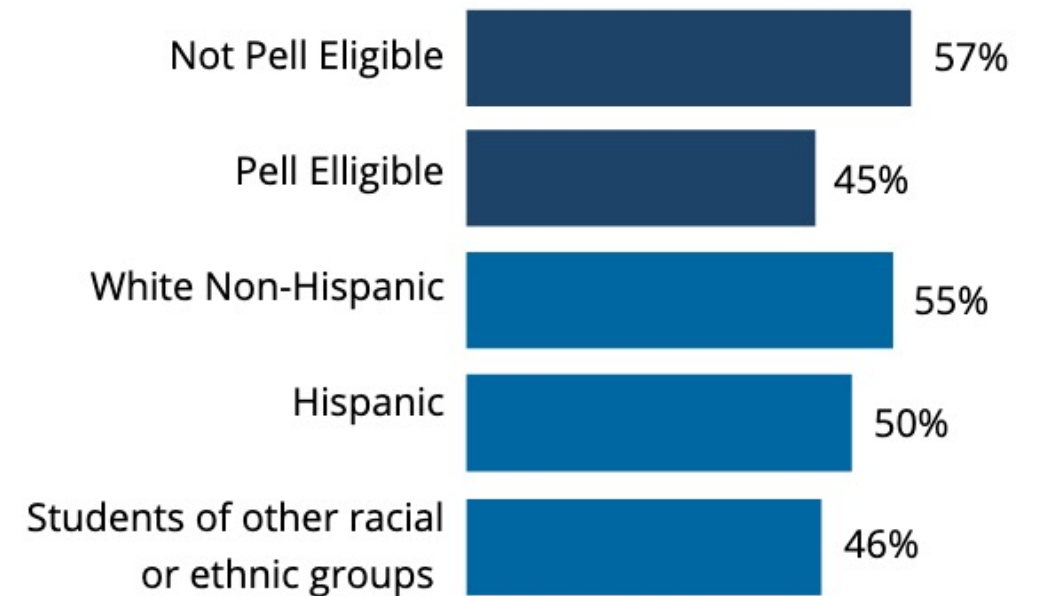
Sources: NMSU and DACC Offices of Institutional Analysis

Are students graduating?

6-Year Graduation Rates*, NMSU, Statewide, and U.S., by Cohort Year



6-Year Graduation Rates by Demographic, NMSU, 2014 Cohort



**CAMP (College
Assistance Migrant
Program)**

**NMSU Online and
micro-credentials**

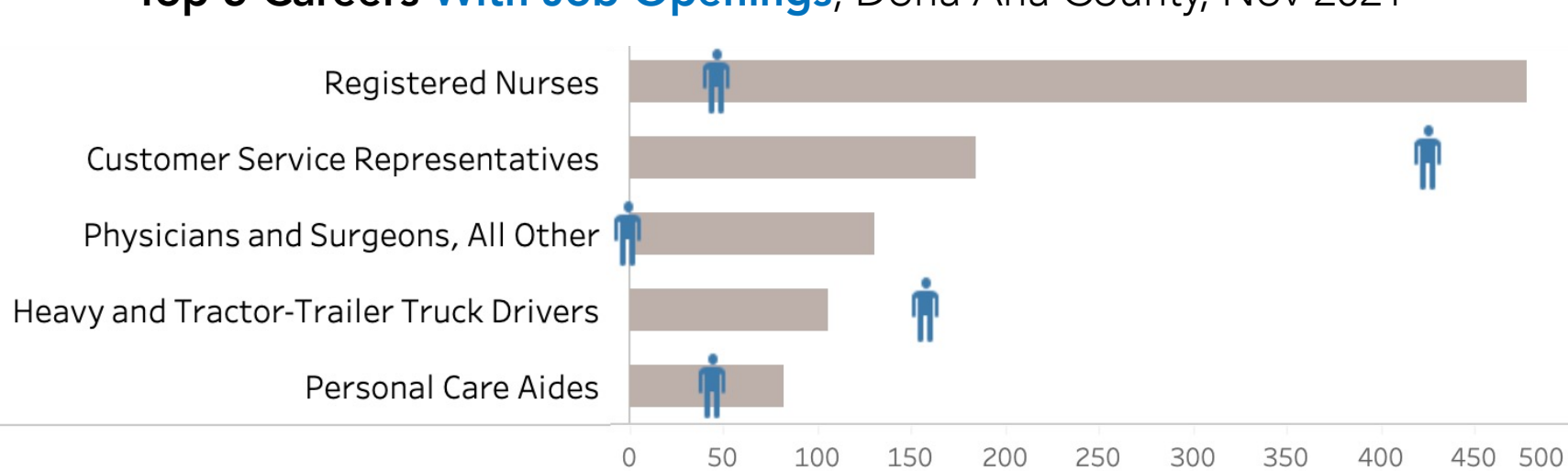
**DACC Satellite
Campuses**

Question:

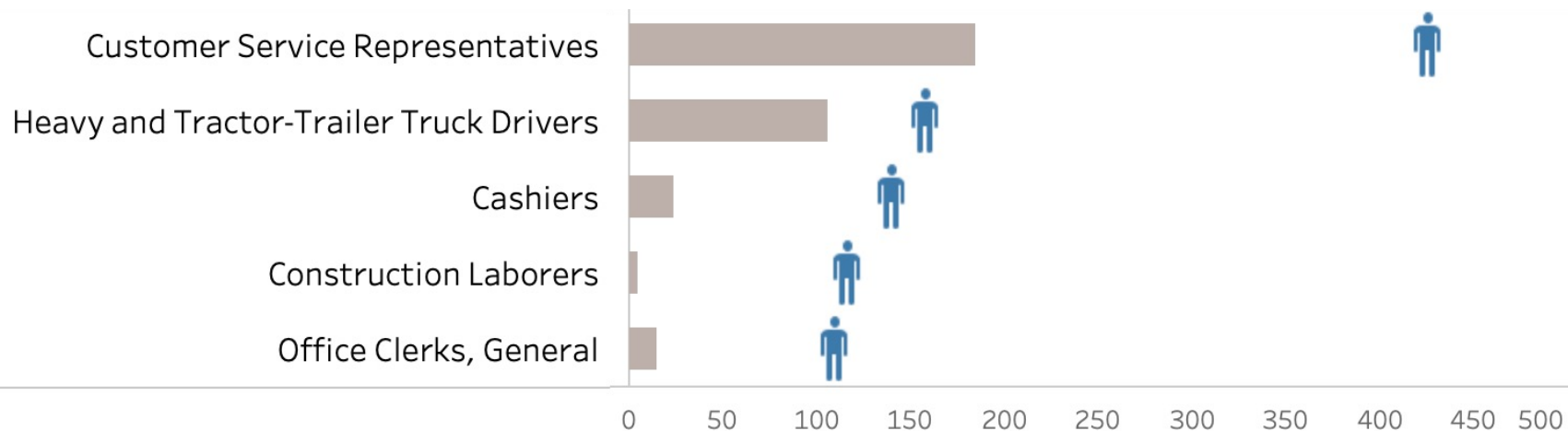
What other strengths can you think of within our community?

Careers that Match Local Needs

Top 5 Careers **With Job Openings**, Doña Ana County, Nov 2021



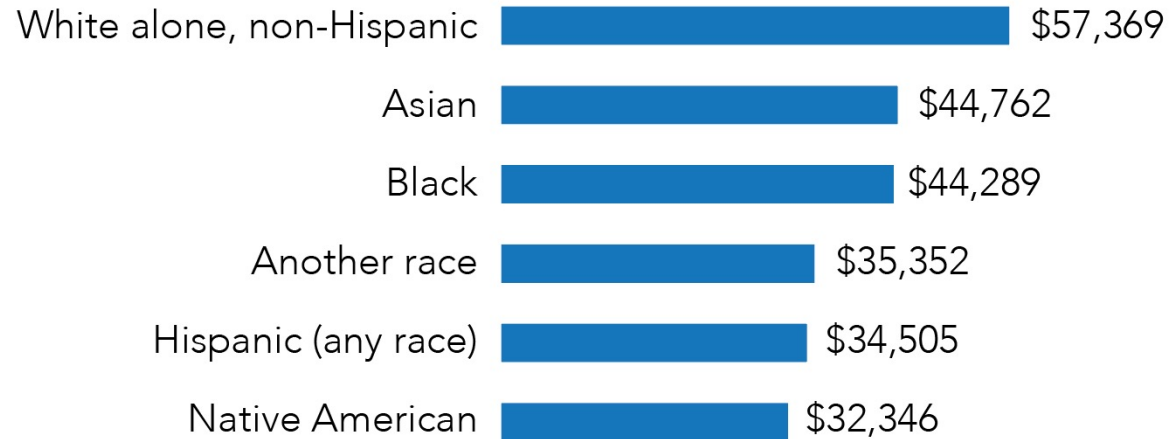
Top 5 Careers **Sought by Job Candidates**, Doña Ana County, Nov 2021



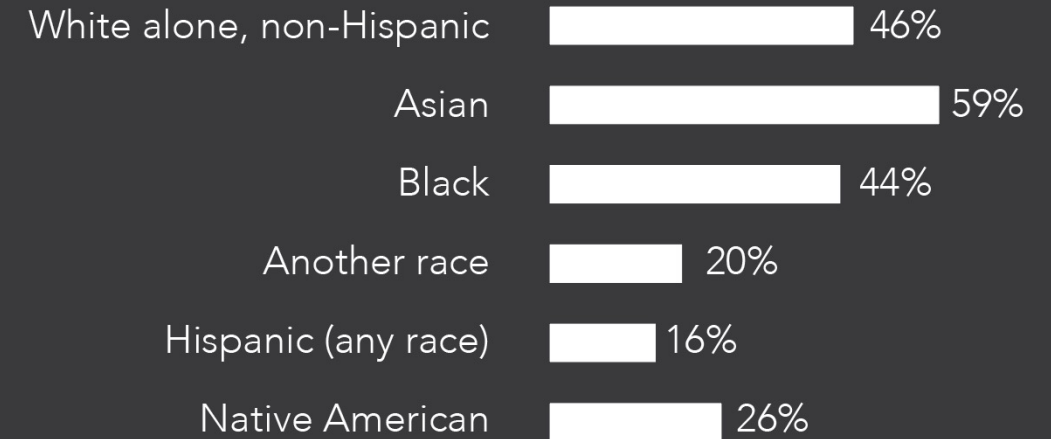
Top 5 Employers with Job Openings, Doña Ana County, Nov 2021:

1. Community Health Systems, Inc.
2. LifePoint Health, Inc.
3. MCI (Call center)
4. New Mexico State University
5. Addus HomeCare, Inc.

Median Income by Race/Ethnicity, Doña Ana County:



Percent with a Bachelor's Degree or Higher by Race/Ethnicity, Doña Ana County:



**Do we undervalue
certain careers?**

**Why does
everyone need to
go to college?**

**How are students
supported in
career
exploration?**

Closing Questions about Higher Education & Career

**Do we have
careers locally for
our graduates?**



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For more data and research, please visit our website,
<https://cca.nmsu.edu>

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