

# Rapidly Changing Profile of Students

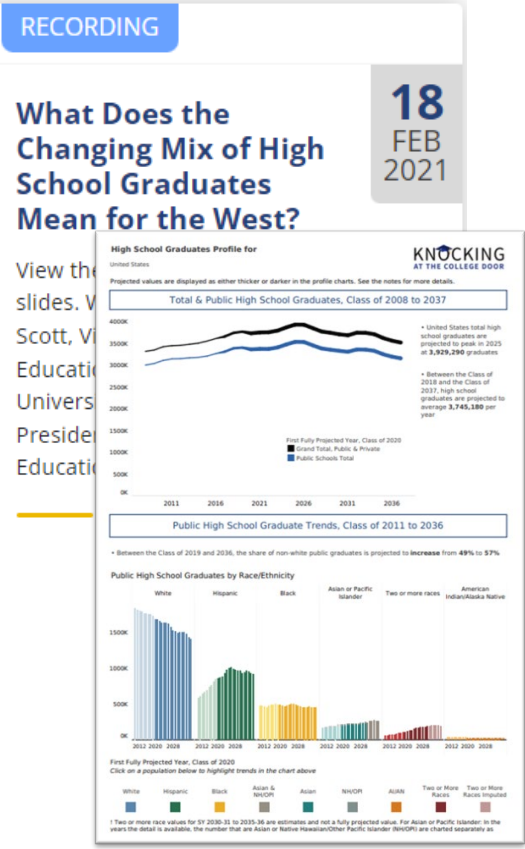
Implications for the Veterinary Medical Pipeline?

[Click to Access Content Throughout](#)

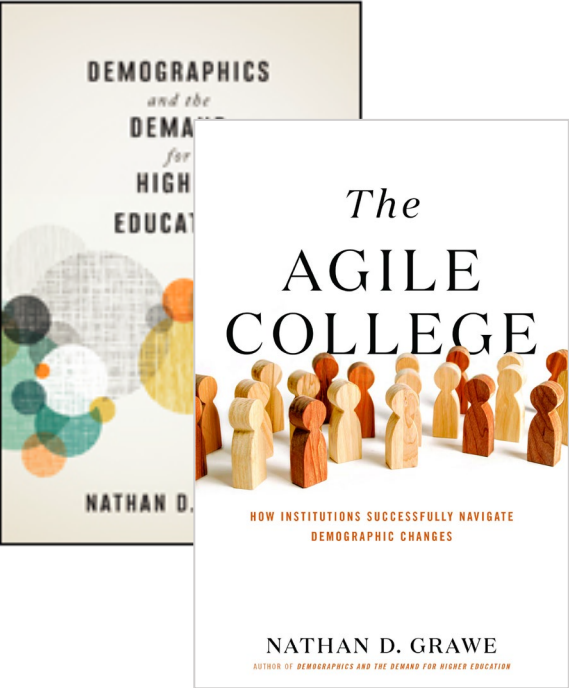
# Projections Data



WICHE, 10 editions, 40+ years



<https://knocking.wiche.edu/>

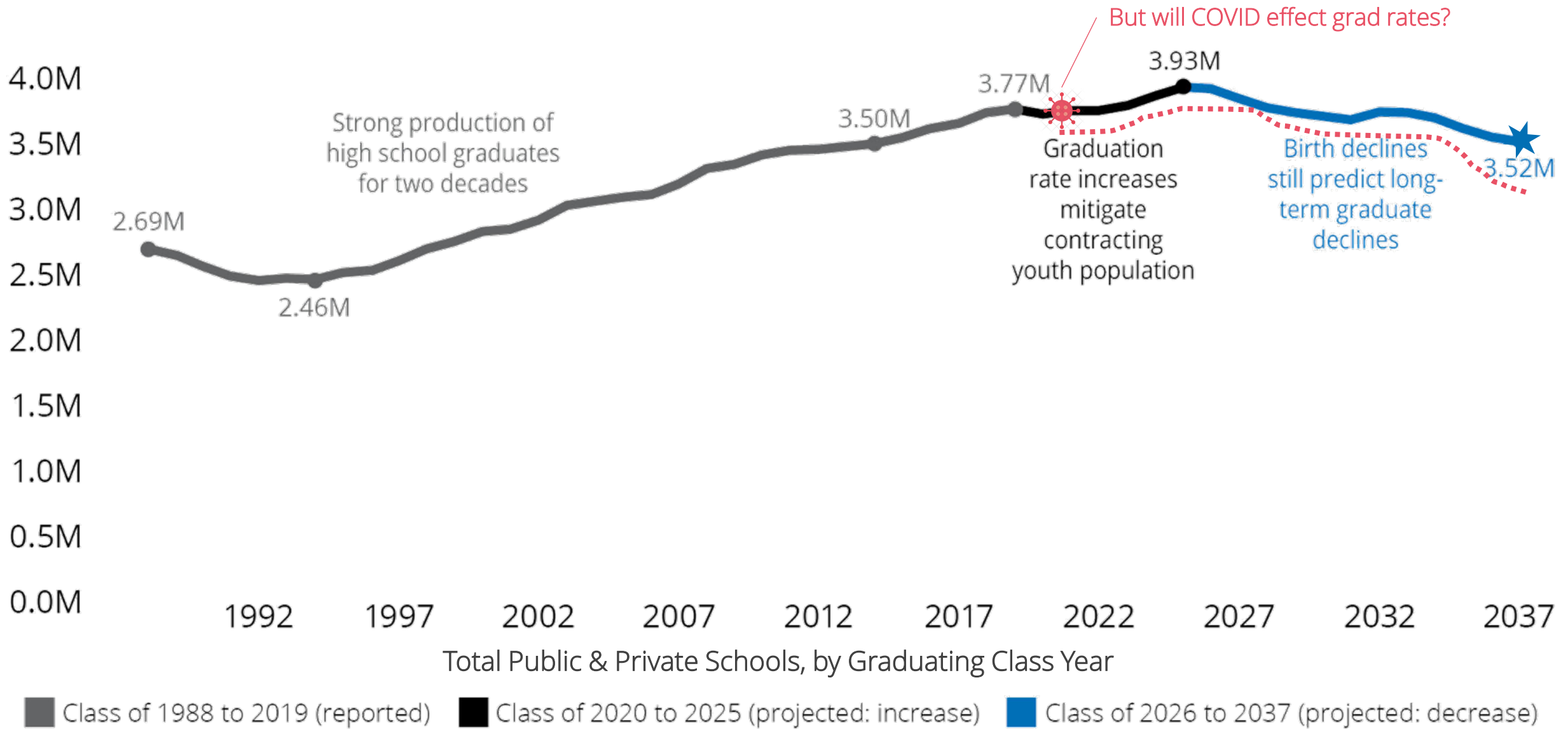


<https://ngrawe.sites.carleton.edu/>

What Will Student Profile Be?



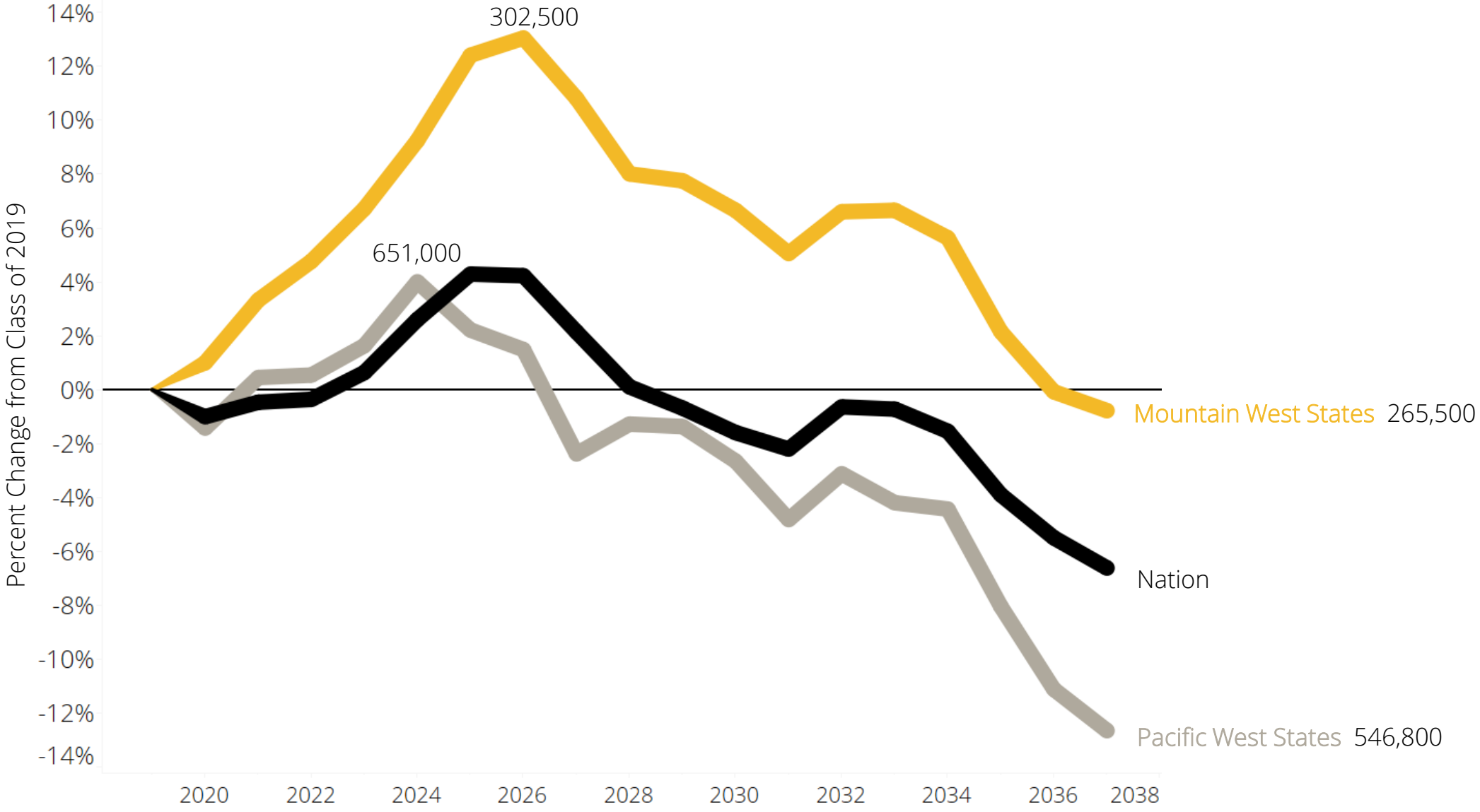
# Slowing Number of U.S. High School Graduates, then Decline



Source: WICHE, *Knocking at the College Door*, 2020.

# Total Public & Private High School Graduates, 2019 to 2037

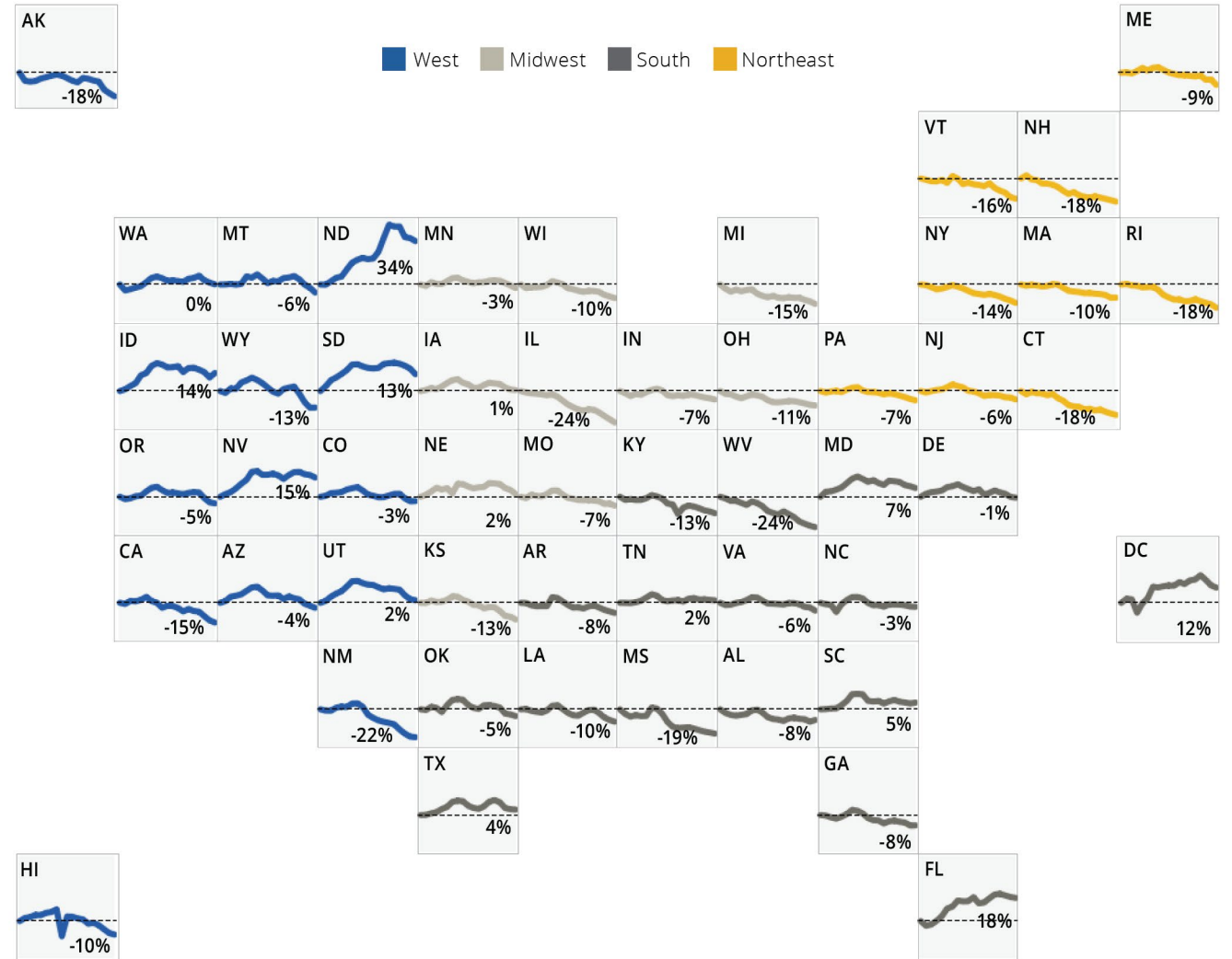
*Projections*



Source: WICHE, *Knocking at the College Door*, 2020.

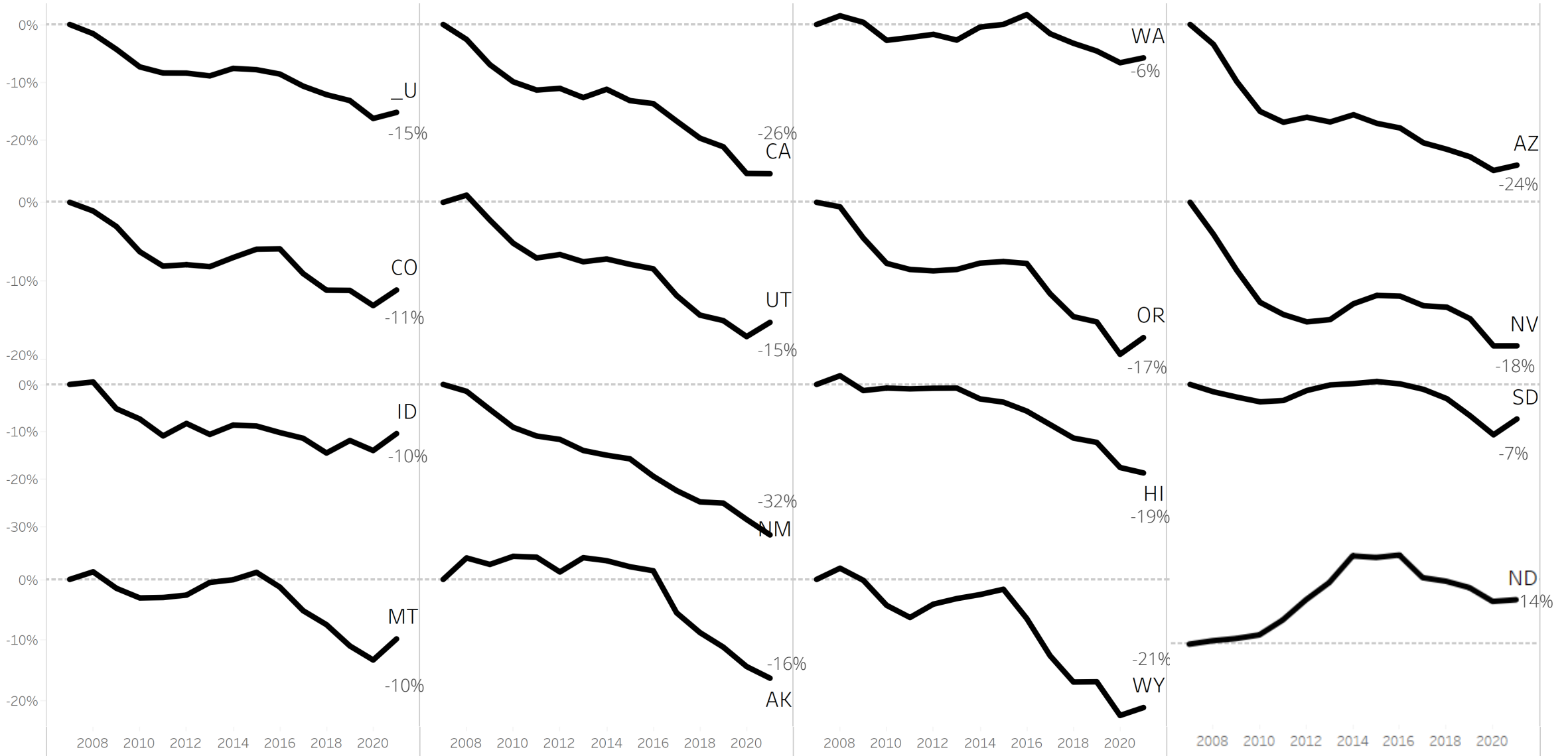
# WICHE States: Balance of Increases & Decreases Total Public & Private High School Graduates, 2019 to 2037

	2019	2026	2037
United States	3.77 M	4%	-7%
WICHE West	910 K	5%	-8%
New Mexico	21 K	5%	22%
Alaska	9 K	-1%	18%
California	485 K	0%	15%
Wyoming	6 K	9%	13%
Hawaii	14 K	9%	10%
Montana	10 K	8%	-6%
Oregon	42 K	8%	-5%
Arizona	76 K	12%	-4%
Colorado	61 K	8%	-3%
Washington	77 K	6%	0%
Utah	44 K	17%	2%
South Dakota	9 K	21%	13%
Idaho	20 K	21%	14%
Nevada	30 K	20%	15%
North Dakota	7 K	19%	34%



Source: WICHE, *Knocking at the College Door*, 2020. [knocking.wiche.edu](http://knocking.wiche.edu) for Guam and the Northern Mariana Islands

# Change in Births, 2007 to 2021



# Graduates of Color

Virtually All Net Positive Increase Going Forward

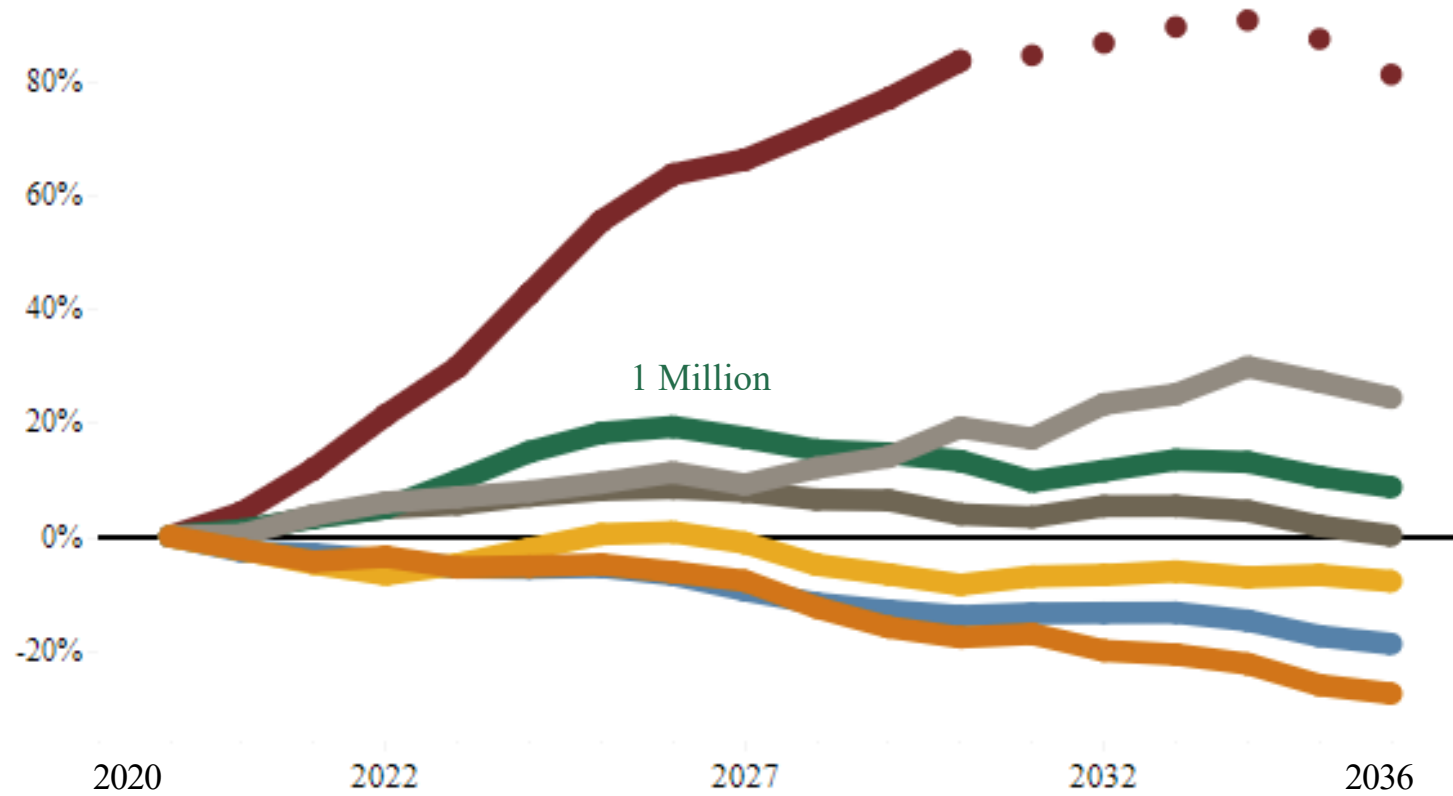


# U.S. Public High School Graduates by Race/Ethnicity

*Projections*

**Cumulative Percent Change**

**Change between 2019 & 2036**



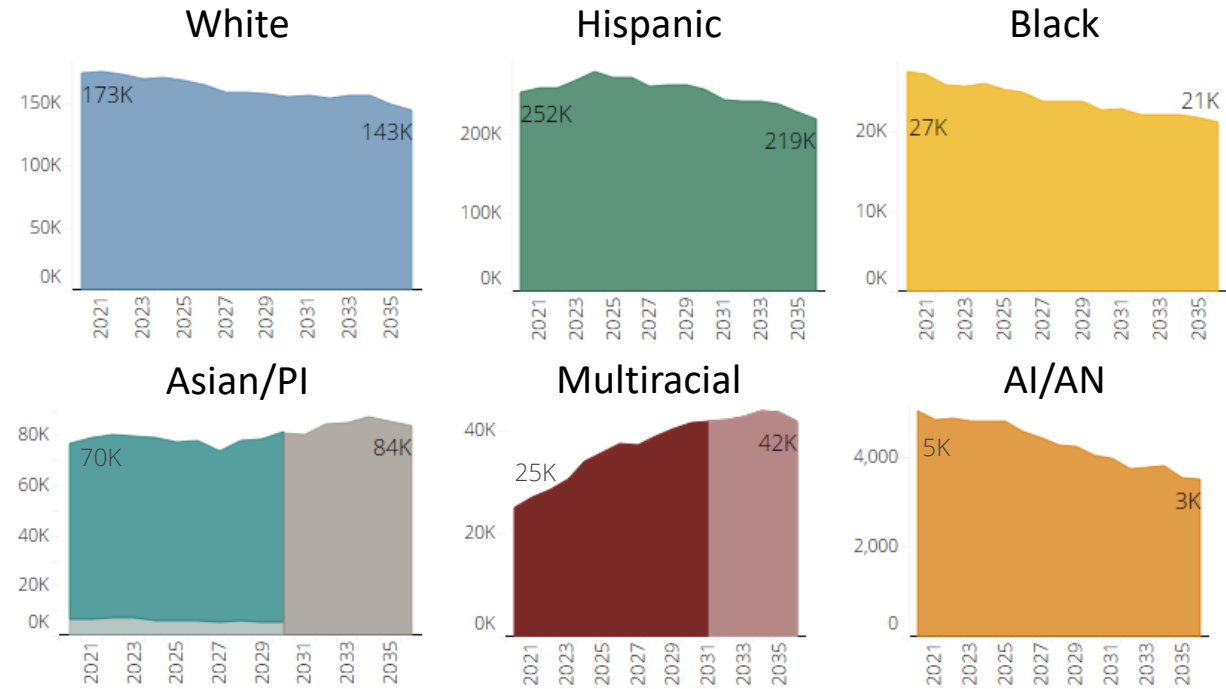
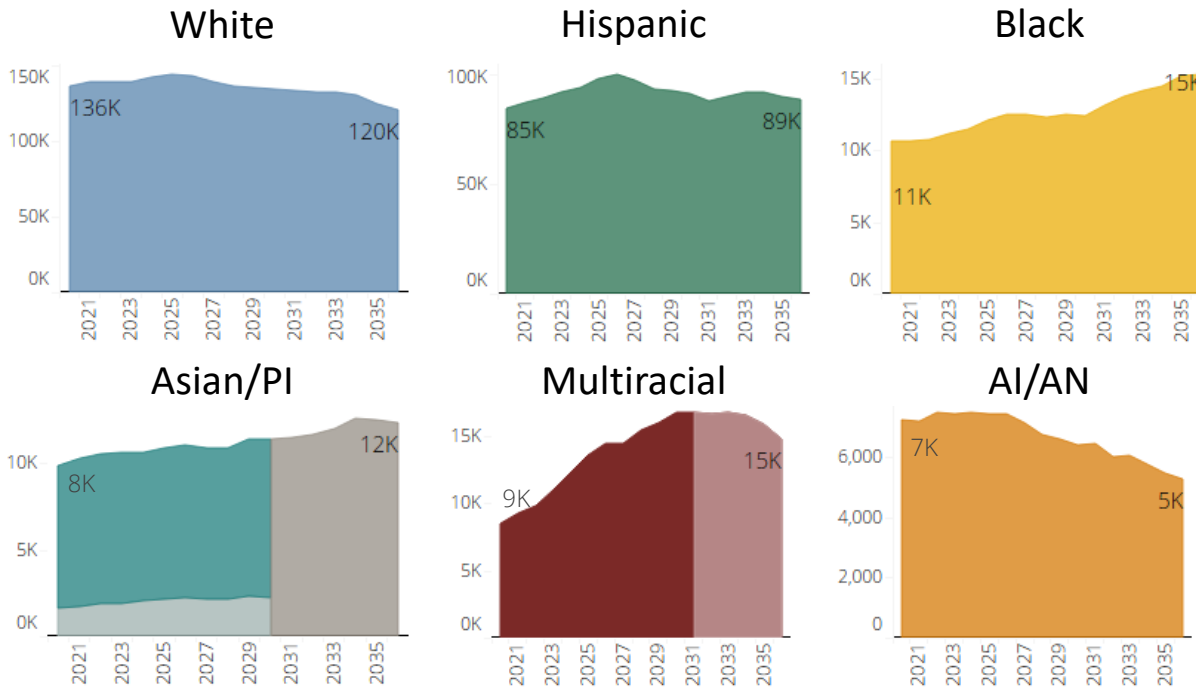
Two or More Races !▲81%	103k → 190k
Asian/PI ▲24%	207k → 258k
Hispanic ▲9%	842k → 915k
Private HS Grads ▲0%	365k → 365k
Black ▼-8%	492k → 460k
Public Schools Total ▼-6%	
AI/AN ▼-28%	31k → 22k
White ▼-19%	1.7M → 1.4M

# Public School Graduates of Color: Ongoing Increases

*Projections*

## Mountain

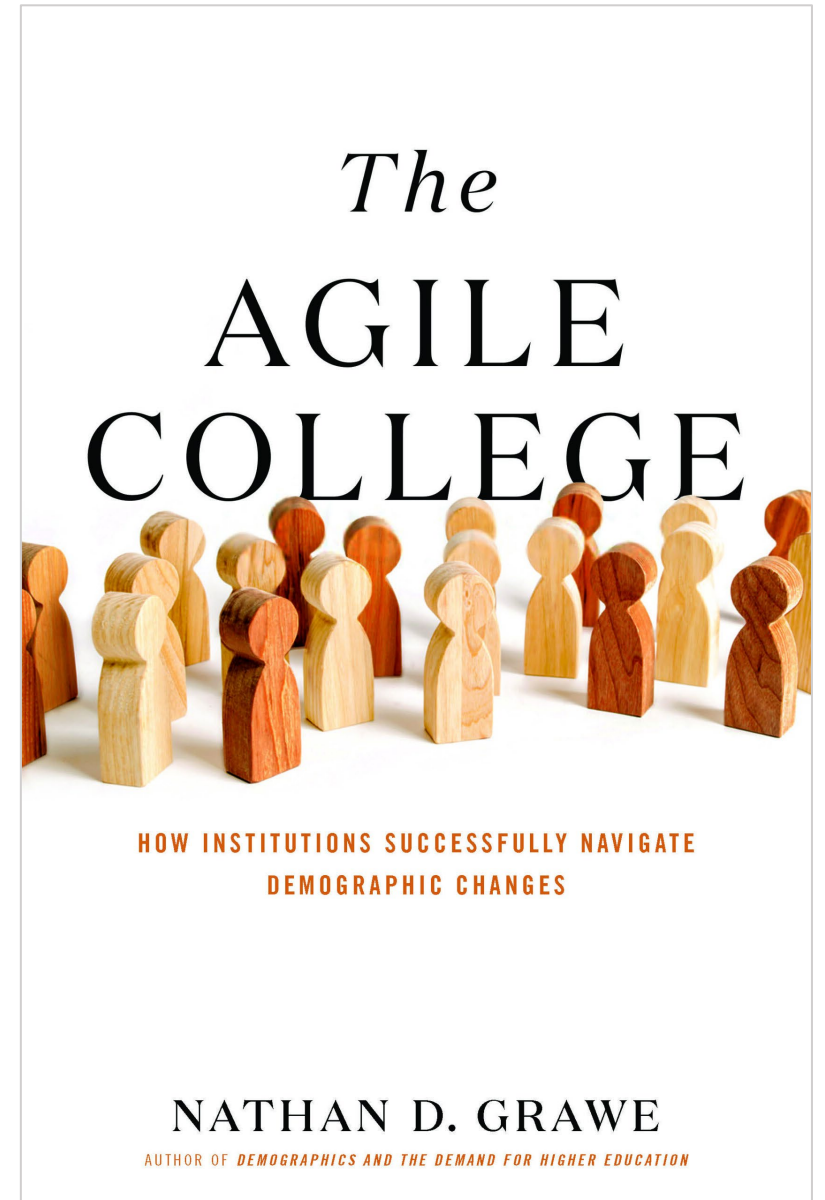
## Pacific



Source: WICHE, *Knocking at the College Door*, 2020.

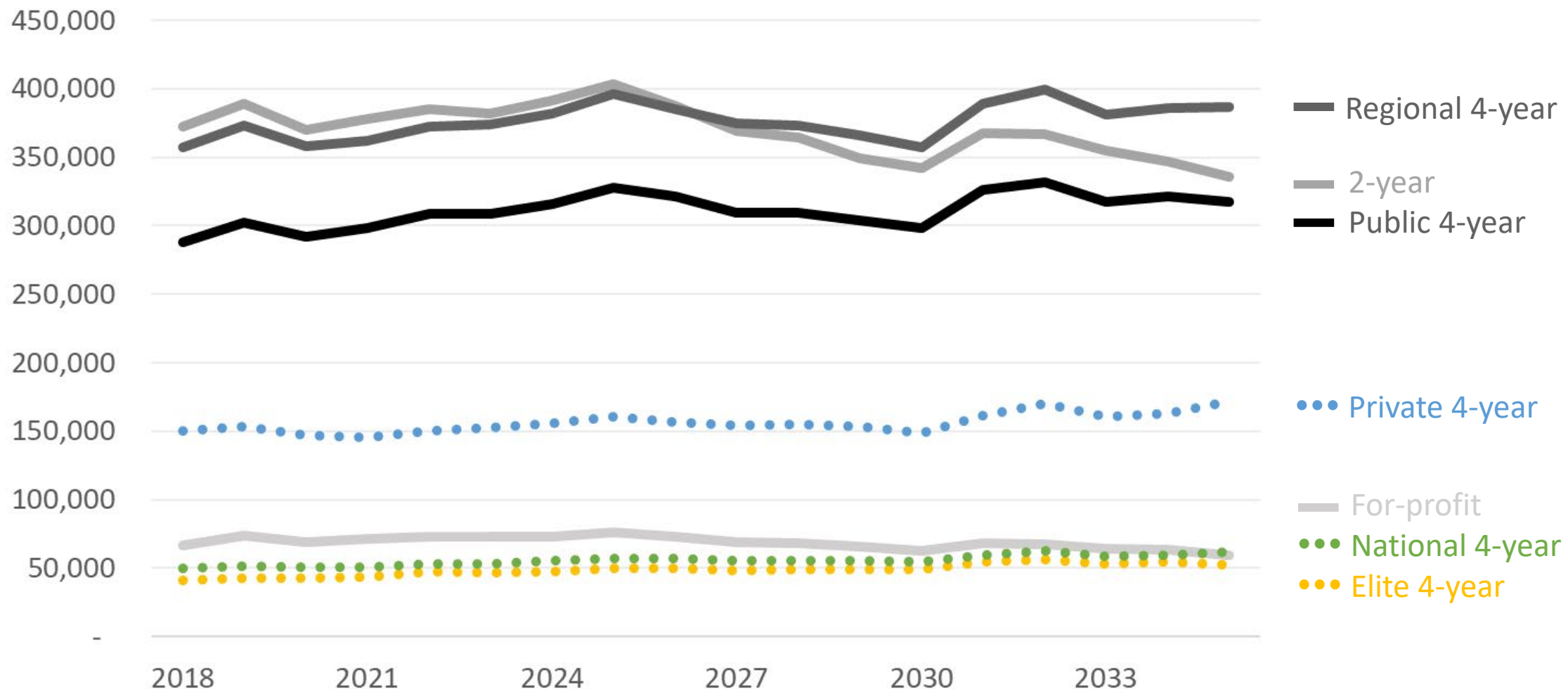
# College Students

Diversification, Competition



# College Demand, 18 y.o.'s from Western U.S. States

*Projections*

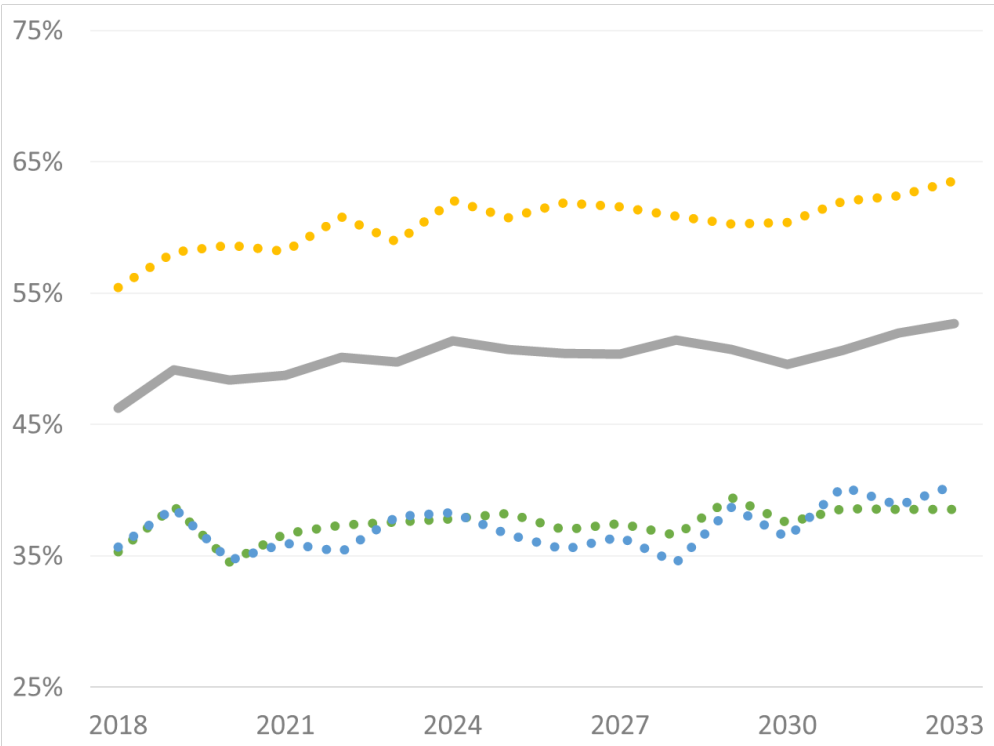


Source: WICHE illustration of data from Nathan Grawe, Higher Education Demand Index, <https://ngrawe.sites.carleton.edu/the-agile-college/>.  
Note: ND and SD are not included in Western region in these data.

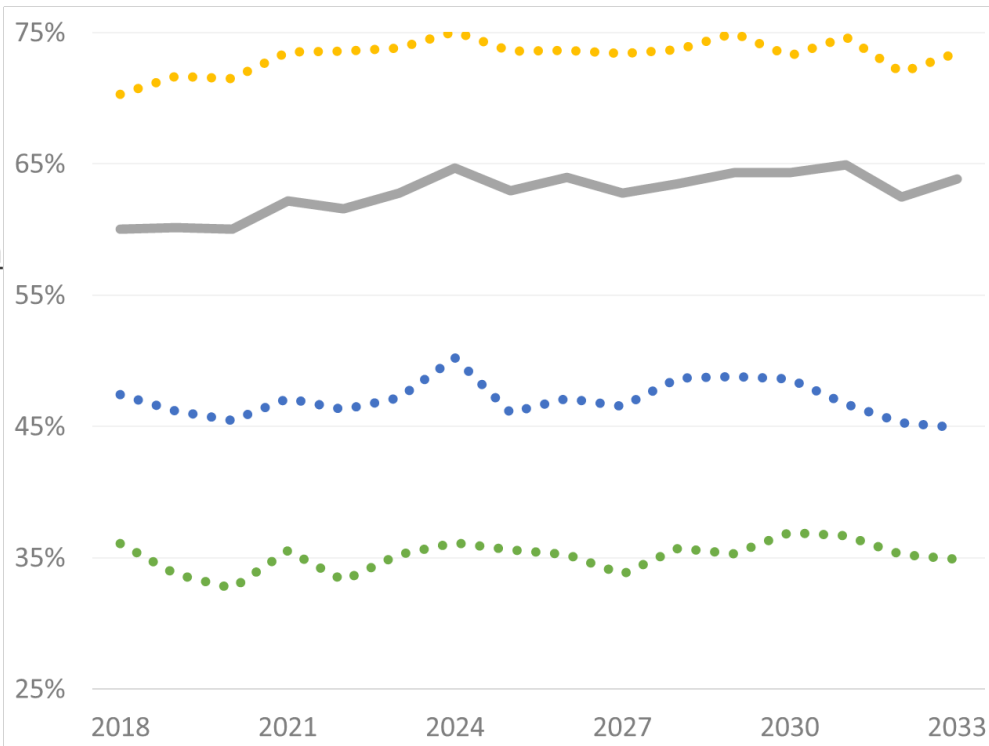
# College Demand, 18 y.o.'s

*Share of Predicted College Students from Western States Who Will Be Black, Hispanic or Race Other than White or Asian*

Mountain



Pacific



**College Student Destination**

- Elite 4-year
- Regional 4-year
- Private 4-year
- National 4-year

Source: WICHE illustration of data from Nathan Grawe, Higher Education Demand Index, <https://ngrawe.sites.carleton.edu/the-agile-college/>. Note: ND and SD are not included in Western region in these data.



# COVID Impacts

Across the Board + Hardest for 'Growth Populations'

# COVID: Students Learning in New Settings

- [Homeschooling](#)
  - Families of all races/ethnicities
- Private schools
- Charter schools
- Movement out of [metro](#) areas (redistributions between schools/districts)
  - Even more than rates from [2010-2020](#)
  - Increasing racial/ethnic concentration in schools

# COVID: High School Graduates

- ▶ State numbers just emerging, but [Census estimates](#) indicate a possible 14% decrease in annual high school graduate numbers, nationally, 2019 to 2021
- ▶ Disruptions with earlier high school grades: [potentially fewer grads](#) in next 2-3 years
- ▶ [McKinsey](#) estimates:
  - 2.7 times as many students as pre-pandemic on a path to be chronically absent from school
  - If historical correlations between chronic absenteeism and high school graduation hold, additional 1.7 million to 3.3 million 8th–12th graders could drop out of school

# COVID: High School Students

- [McKinsey](#) proficiency decrease estimates
  - Math: 5 percentage points
  - ELA: 3 percentage points
- [RAND](#): Most secondary math teachers reported skipping at least some standards-aligned math content during the 2020–2021 school year
- Blacks & Asian/Pacific Islander families were more likely to withdraw from public schools; less access to rigorous courses?
- Greater use of [charter schools](#): lesser advanced coursework
- [Pre-pandemic](#): where there appear to be 'more' graduates, there may be more towards the 'middle'; [declines in test averages among HS graduates](#) at same time as rising grad rates

## COVID-19 and education: An emerging K-shaped recovery

McKinsey & Company, December 2021

### More high schoolers are off track to graduate

Chalkbeat.org Feb. 8, 2022

### After the pandemic disrupted their high school educations, students are arriving at college unprepared

HechingerReport.org & USA Today, April 6, 2022

# COVID: Longer Term Impacts?

- [McKinsey](#) estimates:
  - **3** additional students were two or more grades behind this year, in a typical classroom of thirty 2nd or 4th graders
- States grappling with whether to [promote](#) or retain students who fell behind

For example, for 2<sup>nd</sup> & 4<sup>th</sup> grade classrooms:

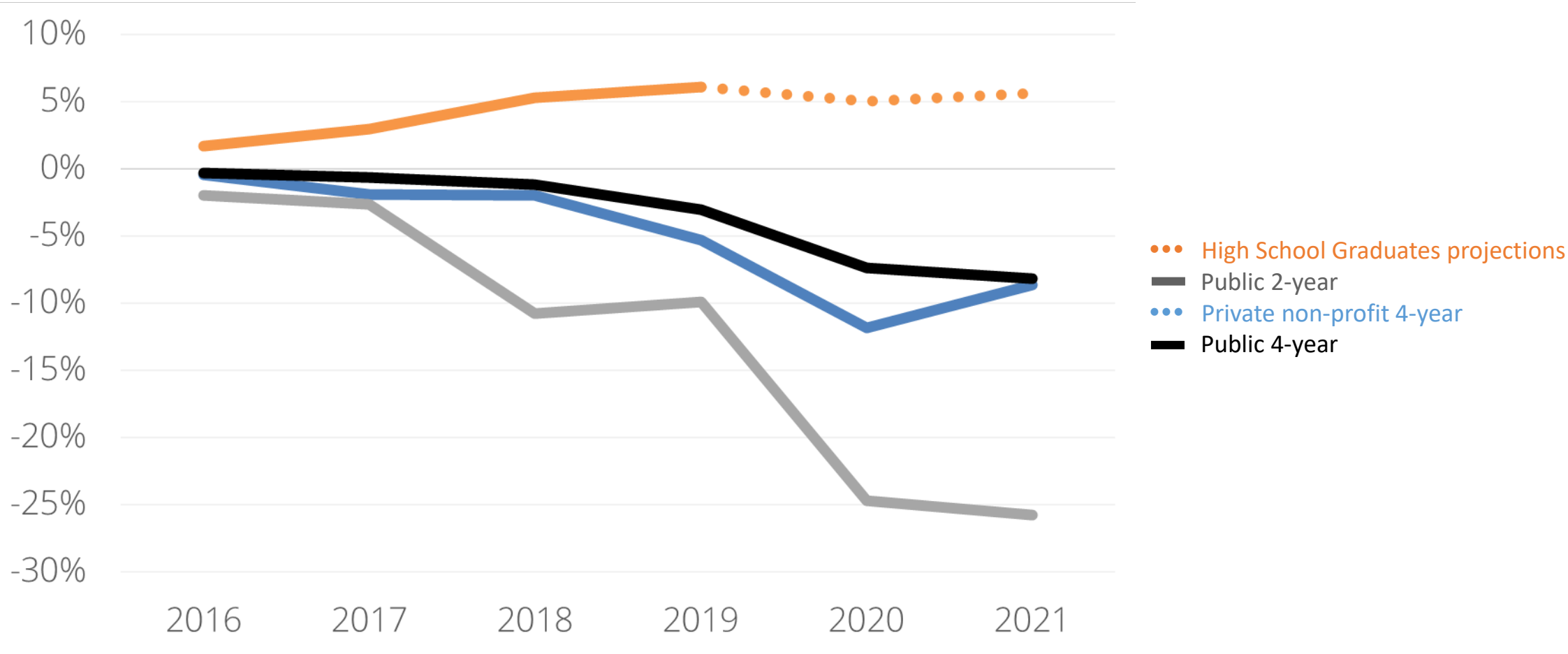


[McKinsey & Company](#), *COVID-19 and education: An emerging K-shaped recovery*, December 14, 2021



# Recent High School Graduates & Fall College Enrollments

*First-time Freshmen, 24 Years and Under, by Sector*



Source: National Student Clearinghouse Research Center, *Current Term Enrollment Estimates*, <https://nscresearchcenter.org/current-term-enrollment-estimates>, and WICHE, *Knocking at the College Door*, 2020.

# Questions?

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