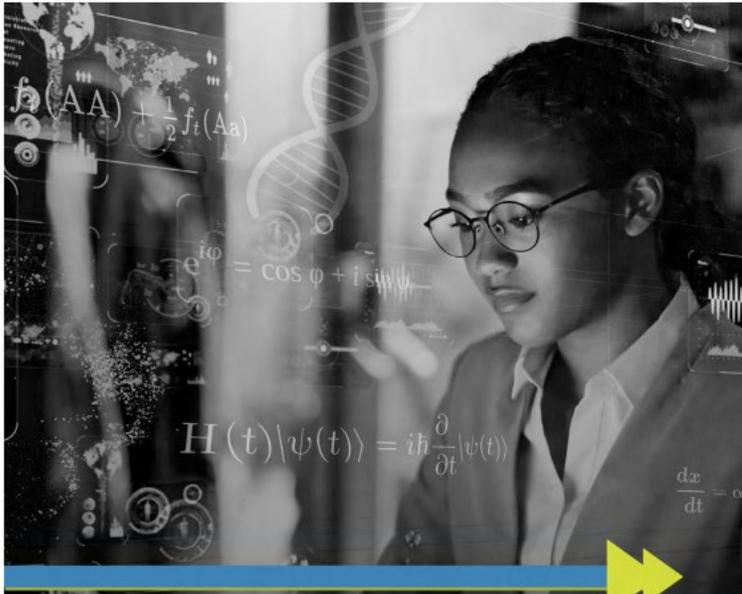


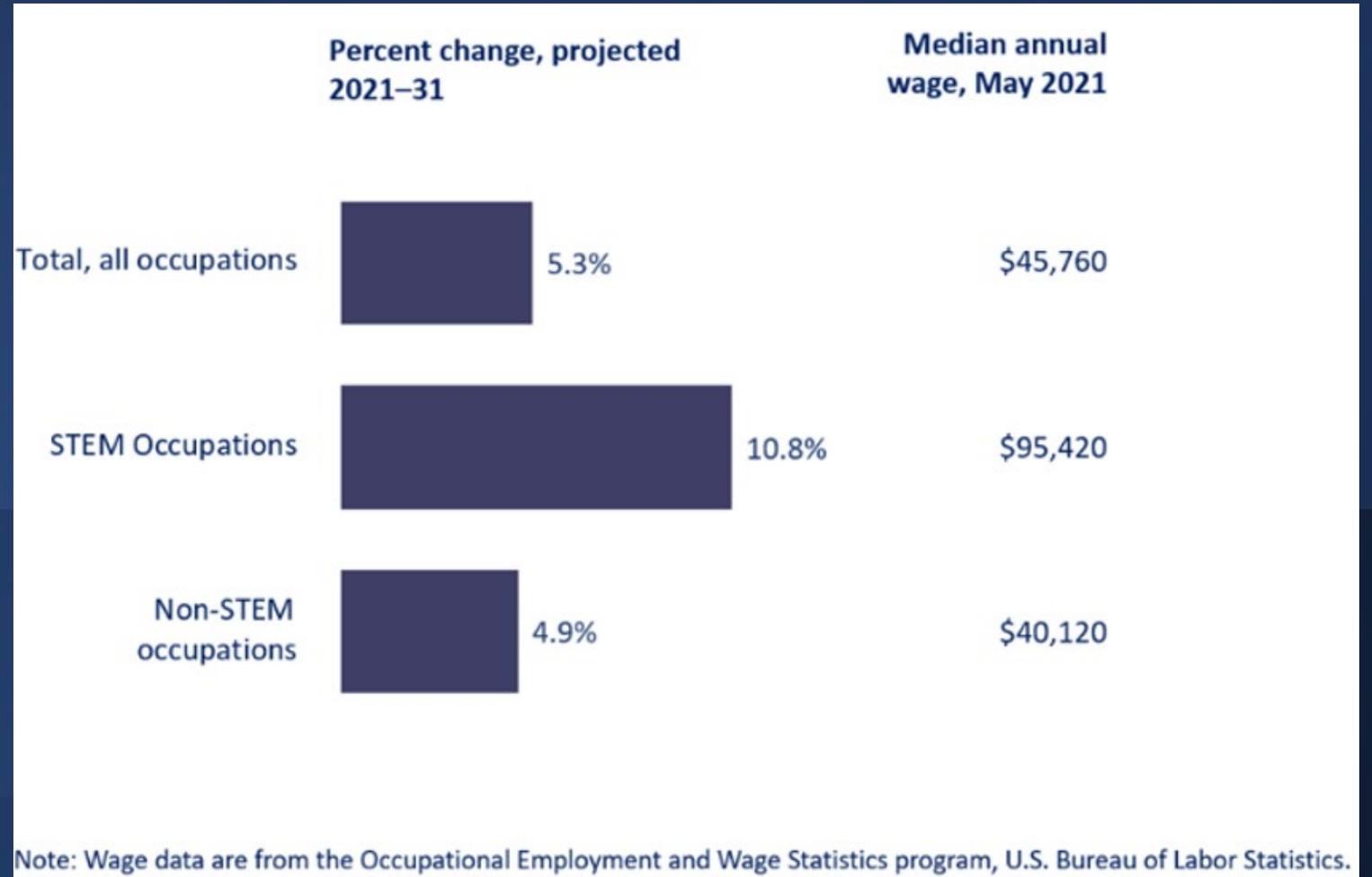
The Conversation Around STEM Workforce is Incomplete



NATIONAL SCIENCE BOARD



VISION
2030

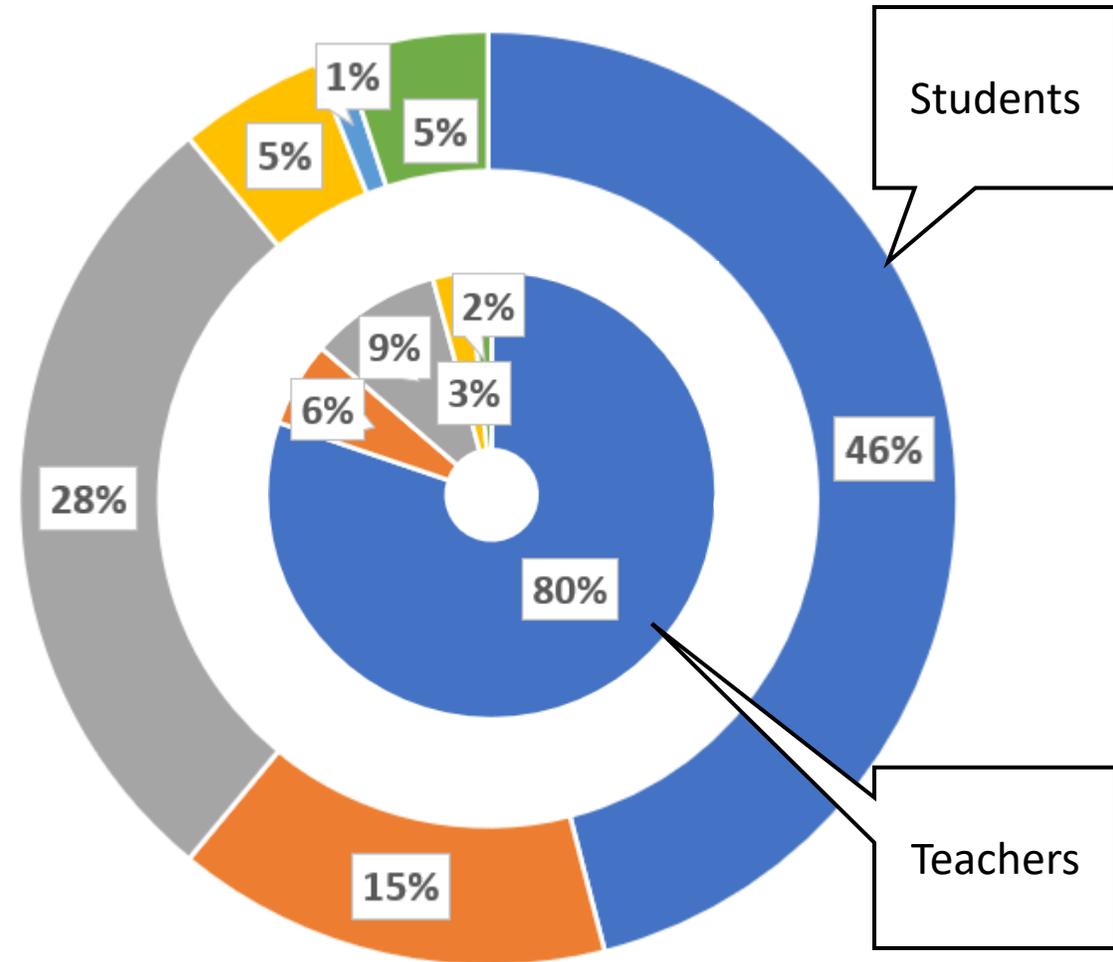


PreK-12th grade public school teachers are less racially and ethnically diverse than their students



% of Public School Teachers and Students by Race/Ethnicity, 2020-2021

- White
- Black
- Hispanic
- Asian
- American Indian / Alaskan Native
- Two or More Races



U.S. Department of Education, National Center for Education Statistics (NCES)

NCES 2020-21 National Teacher & Principal Survey (NTPS)

STEM teacher talent development: Recruitment and Retention

Recruitment to Inspire the Next Generation

- Invest in “grow your own” / apprenticeship programs
- Make teaching financially viable
- Increase investments in preparation programs
- Elevate teaching as a profession



Equip, Sustain & Retain STEM teachers

- Invest in professional networks
- Increase access to QUALITY STEM professional experiences and resources
- Licensure portability
- Teacher autonomy, voice & respect

