



*Presentation to the Virtual Workforce Information Advisory Council (WIAC)*

# **The 2021 National, Training, Education, and Workforce Survey (NTEWS)**

Thursday, September 9 | 3:00 pm (Eastern)

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National Center for Science and Engineering Statistics

Social, Behavioral & Economic Sciences

National Science Foundation

# The Skilled Technical Workforce (STW)

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Workers that use significant levels of science and engineering expertise and technical knowledge in their occupations and whose educational attainment is less than a bachelor's degree

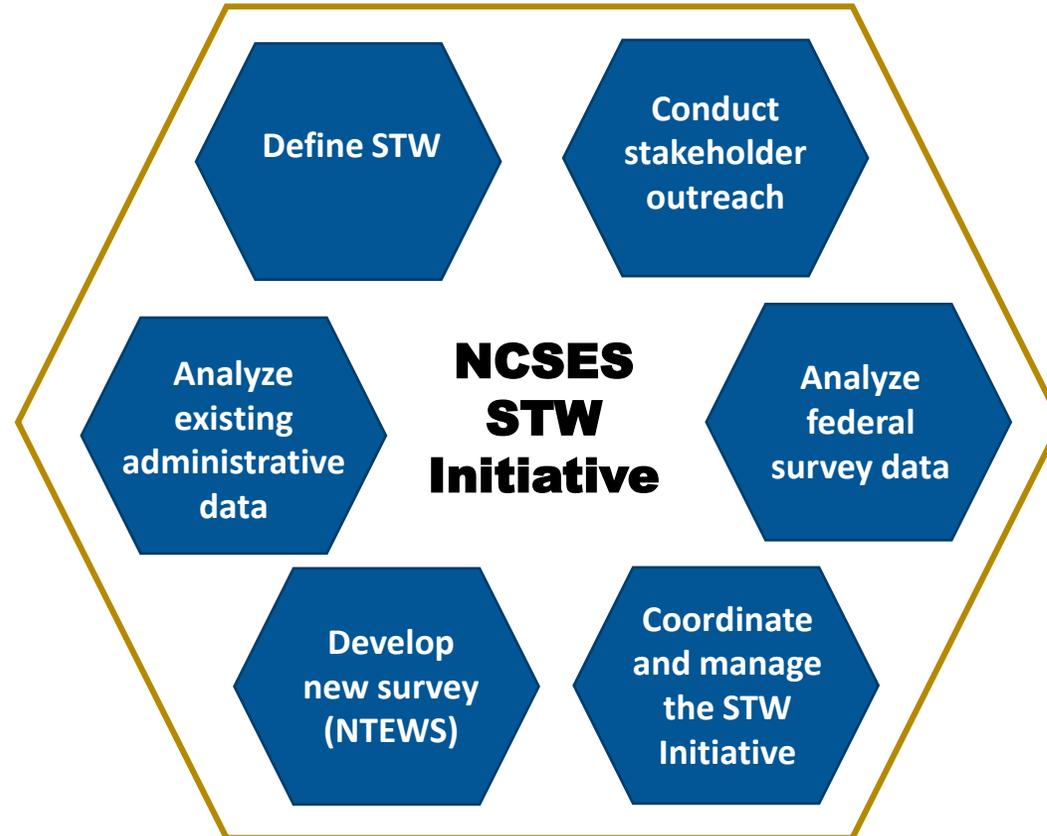
- A focus on the STW expands not only the federal knowledge of the STEM Workforce but the total U.S. workforce



# NCSES efforts to understanding the workforce



Community of Workforce Efforts



# Workforce Research, Evaluation, and Advancement Efforts

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- 1) Effort is larger than one agency or organization
- 2) Many are contributing to measuring and understanding the workforce
- 3) We need increased coordination to leverage efforts

# NTEWS: Federal Data Needs

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## National Center for Science and Engineering Statistics (NCSES)

The education, training, and career pathways of skilled technical workers

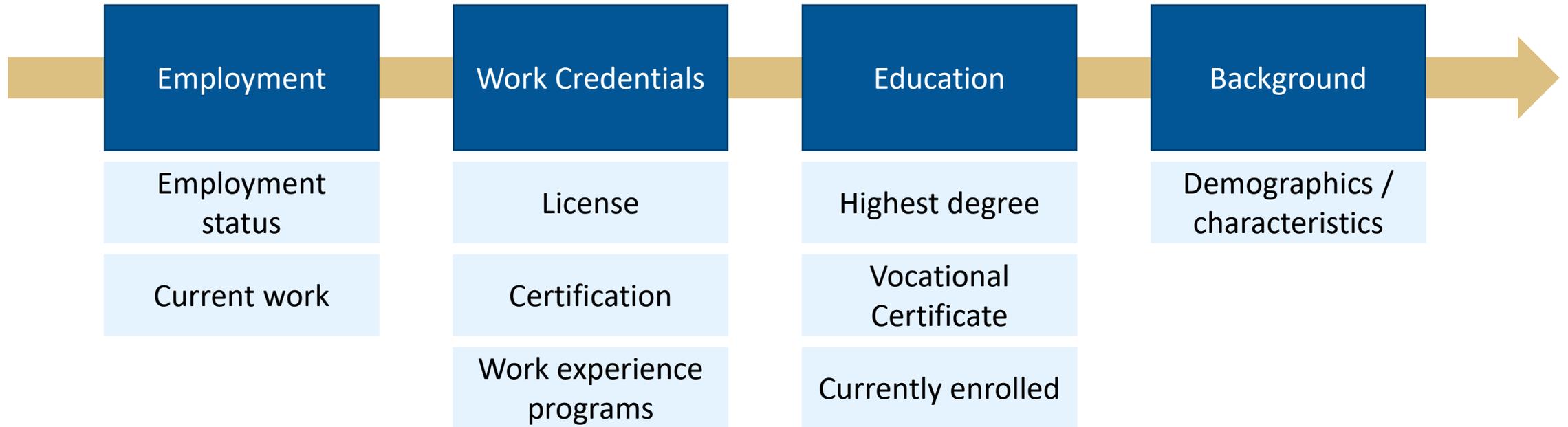
Clearinghouse for objective data on the Science and Engineering enterprise

## National Center for Education Statistics (NCES)

The prevalence and interplay of education (postsecondary degrees and certificates), work credentials (certifications and licenses), and work experience programs among American workers

# 2021 NTEWS: Survey Content

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# 2021 NTEWS Design

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## Target Population

*Adults ages 16-75 (inclusive)*

Not in high school

Not institutionalized

U.S., including Puerto Rico

## Rotational Design

Biennial, longitudinal survey

2021 (baseline)  $\approx$  42,000 cases

2023 (full-scale)  $\approx$  120,000 cases

2025 (full-scale)  $\approx$  120,000 cases

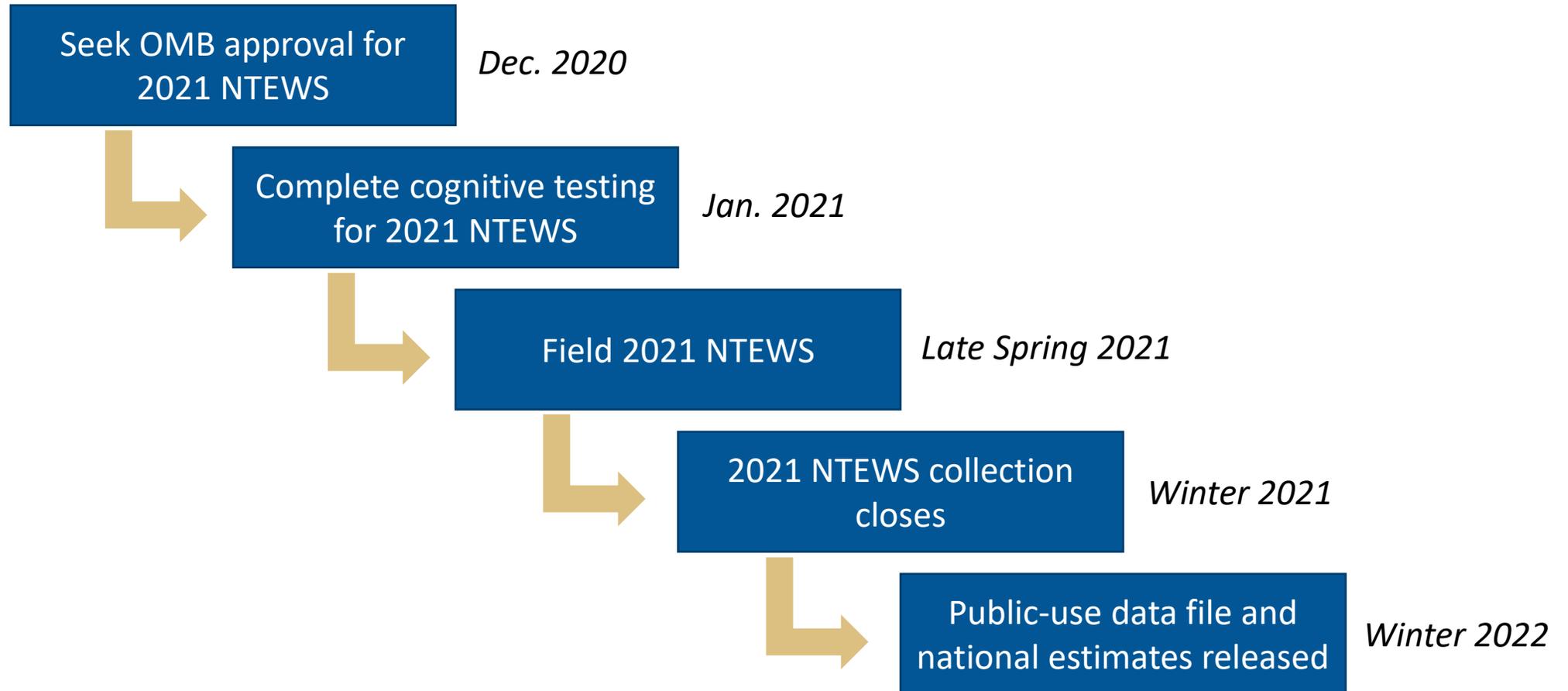
2027 (full-scale)  $\approx$  120,000 cases

## Sampling Frame

American Community Survey

# NTEWS Timeline

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# Points of Contact

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Name	Title and Organization	Contact Information
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