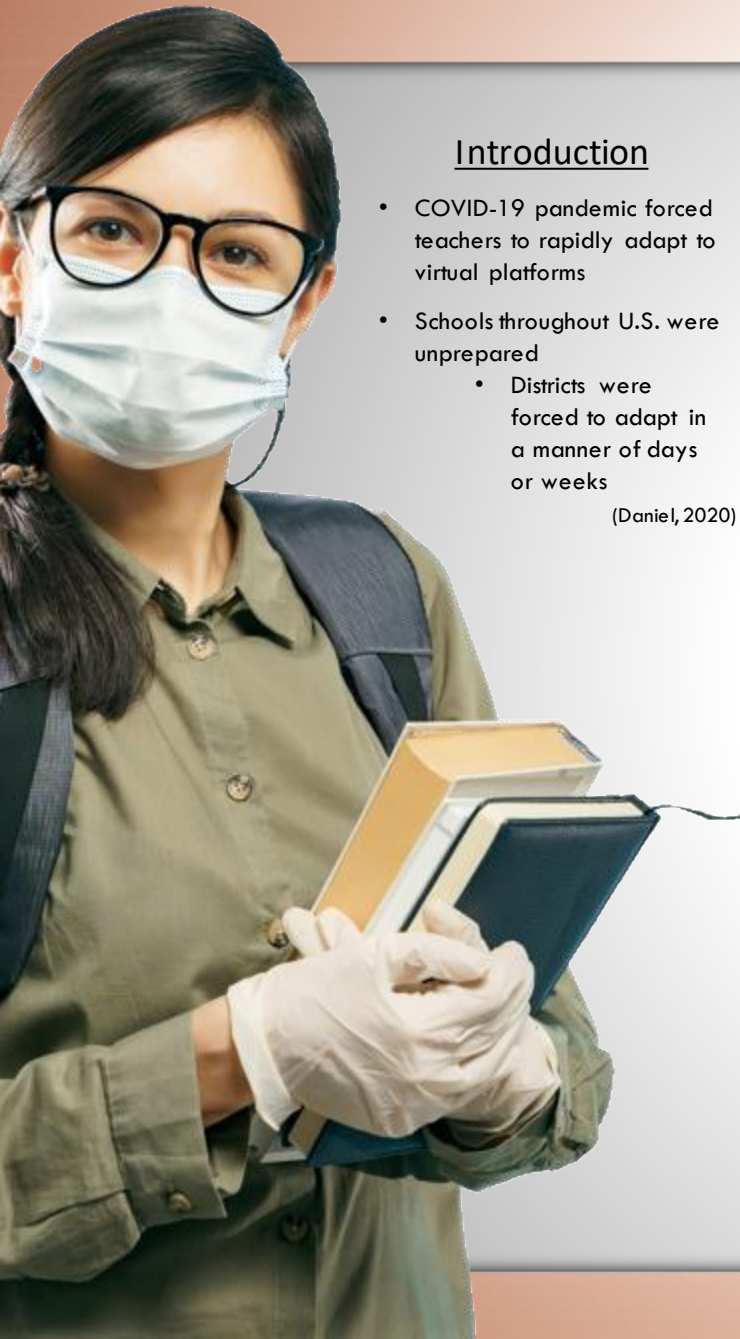


SCHOOL-BASED AGRICULTURAL EDUCATION TEACHERS AWARENESS OF SYNCHRONOUS ONLINE INSTRUCTION TOOLS DURING THE COVID-19 PANDEMIC

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Introduction

- COVID-19 pandemic forced teachers to rapidly adapt to virtual platforms
- Schools throughout U.S. were unprepared
 - Districts were forced to adapt in a manner of days or weeks

(Daniel, 2020)

Objectives

Identify participants':

1. Self-perceived competence levels of synchronous learning features
2. Self-perceived competence levels of best practices for assuring accessible MS PowerPoint and Word

Methods

- Researcher-developed survey
- Qualtrics
 - Study population emailed requesting participation
 - Follow-up email sent one week after initial contact

Findings

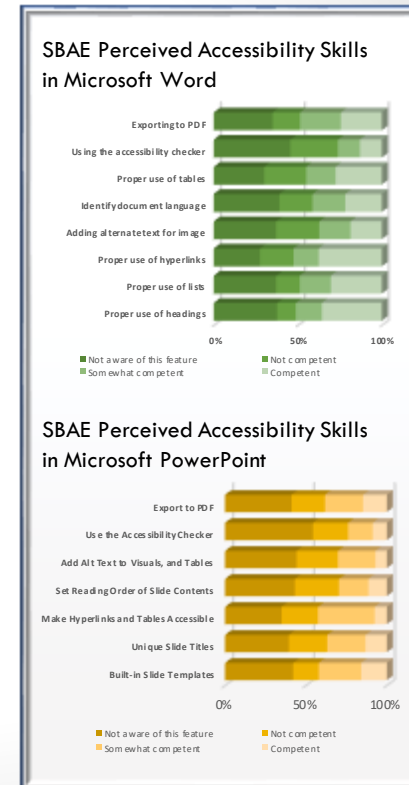
Demographics

- Gender: 59.2% female
- Age: 52.6% under 35
- 57.1% with master's
- 6.1% working from home
- 39% in Title I schools

Findings

Platform Use

1. Google Meet – 60% (33)
2. Microsoft Teams – 14.5% (8)
3. Zoom – 20% (11)
4. WebEx – 5.5% (3)



Conclusions

- Majority of SC SBAEs use Google Meet
- Awareness and Perceived Competence varies from platform to platform
- Low Awareness Overall of Accessibility Features

Recommendations

- Targeted Professional Development
 - Varied Competencies need Varied Solutions; some SBAEs need basic functionality others need ways to better use features; No “one size fits all”
 - Focus on Increasing Accessibility
- Replicate Study
 - Larger Target Population
 - Coordinate Resources and Best Practices

References

- Daniel, S. J. (2020). Education and the COVID-19 pandemic. Prospects, 1-6. <https://doi.org/10.1007/s11125-020-09464-3>