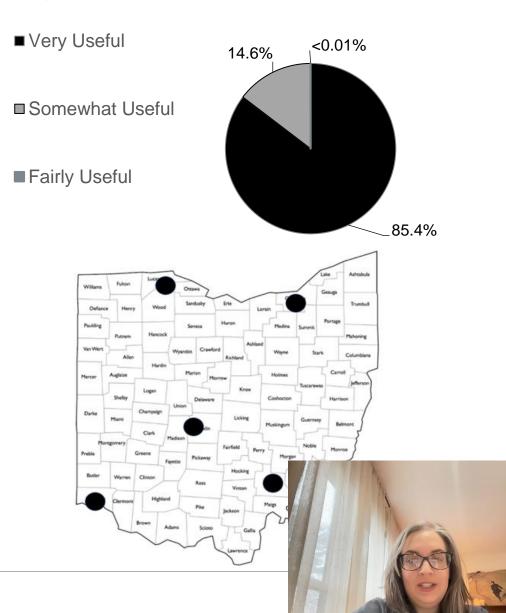


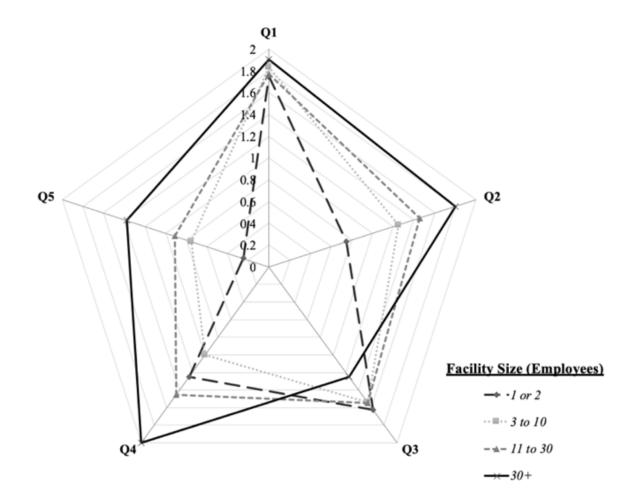
# 2019 – Pilot Program

The training needs for very small food businesses are different from the larger members of the industry whose training in the 20-hour Food Safety Preventive Control Alliance (FSPCA) Preventive Controls for Qualified Individuals (PCQI) course focuses on Subpart C and G.

- Full day of in-person training
- 5 trainings in Ohio
- >200 participants



# A survey of food businesses revealed a preference for virtual education among small and very small food businesses



**Figure 1:** Spider plot for relative responses to forced choice (Yes/No/Somewhat or In-Person/Online) questions based on facility size. Greater values correspond with a higher proportion of respondents indicating "Yes" or "In-Person." Lower values correspond to a higher proportion of respondents indicating "No" or "Online."

\*Question 1: Do you understand hazard analysis and GMP's (Good Manufacturing Practices) as it relates to a food business?

\*Question 2: Do you have a written food safety program (e.g. GMPs, HACCP) in place?

\*Question 3: Do you feel the food safety training and implementation in your facility is sufficient?

\*Question 4: Do employees receive refresher training courses?

\*Question 5: What would be the preferred delivery of trainir (classroom/workshop)?



## Virtual trainings

✓Total trainings: 23

✓Total people trained: 2,079

✓859 synchronous participants in 19 trainings and 1,220 attendees in 4 asynchronous trainings

✓States: 11

✓ <a href="https://foodsafetyclearinghouse.org/node/794">https://foodsafetyclearinghouse.org/node/794</a>



Distribution of food safety trainings offered acro U.S. between October 2019 and

Beary et al. Food Safety Management in



## SWOT Analysis about Virtual Food Safety Trainings

#### **STRENGTH**

- \* Community discussion and chat features online
- \*Students relate to instructors when they see them at home
- \* Prompt and automated reminders and links
  - \* Improved accessibility by providing transcripts & closed captions

#### **WEAKNESS**

- \* Reliance on internet connectivity and technological resources (computers)
- \* Missed opportunity for live questions to the instructor for asynchronous learning
- \*Decreased connection to an institution

### **SWOT**

### **OPPORTUNITY**

- \* Criteria re-alignment during course transition to distance education
- \* Greater flexibility in assessment tools, including real-time polls and chat responses
  - \*Broader audience reach

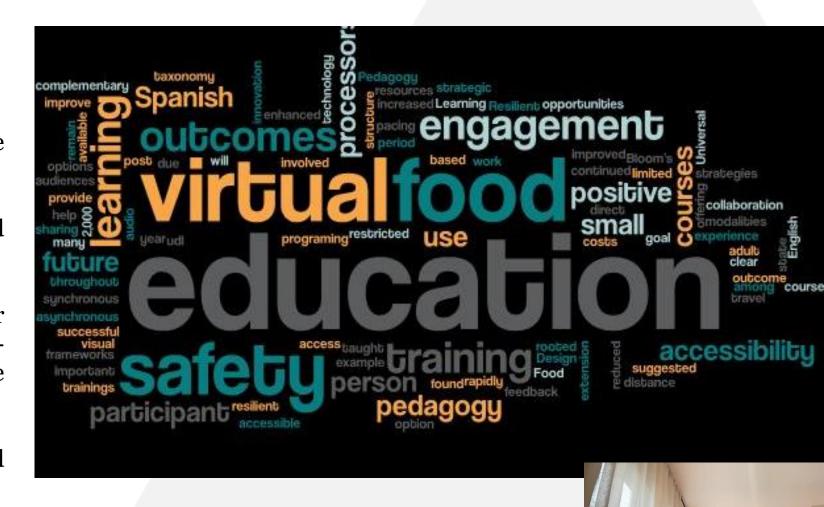
### **THREAT**

- \* Direct and indirect costs of the training (even if the training itself is free)
- \* Less engagement after cou
- \* Analphabetism & langua
- \*Long-term learning outcon



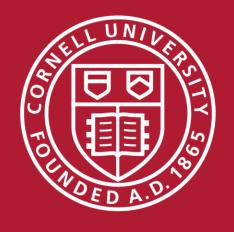
### **General recommendations for future FS trainings**

- ✓ Include diverse instructors to enhance engagement and trust.
- ✓ Acknowledge technical barriers and provide accommodations.
- ✓ Increase engagement and better higher cognition by using chat boxes, breakout discussion rooms and virtual office hours post training.
- ✓ Provide participants with flexible and multiple options of instruction.





# Questions?



# CornellCALS

College of Agriculture and Life Sciences

Thank you

