

Maine Project Overview



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Brief Background

- Maine CDC and ME DACF 2014-15 project
- Participants include:
 - Cumberland Dairy
 - Cumberland Swine
 - Freyburg Swine
 - Maine Livestock Specialist & Youth in Agriculture and Northeast Livestock Expo (NELE) Liaison, Maine Poultry Health Technician, Enteric Disease Coordinator, Cumberland Dairy 4-H, Cumberland Swine 4-H, Fryeburg Swine 4-H

Background Continued

- Goal was to educate youth involved with agriculture about One Health
 - Provided direct instruction about disease transmission and prevention methods
 - Intern, someone with 4H or FFA experience
 - Presentation about zoonotic diseases
 - Created material available for the general public
 - <http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/order-form-wn.shtml>
- 3 direct education exercises with 4H groups
 - ME CDC/DACF traveled to their sites
 - Multi-modal teaching
 - GLO Germ
 - Pre and post education quiz
- This year, expanding the project by incorporating a different educational model
 - “Train the Trainer” workshop after the Maine Agricultural Association of Fairs’ annual meeting
 - Attended by almost all of the youth ag leaders in Maine



Outputs

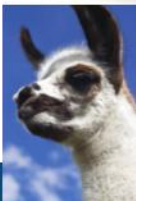
- Presentation is available for the public to use
- GERM-O Game
- Maine CDC distributed education materials during 2016 and 2017 fair seasons
 - 1068 agriculture postcards
 - 188 agriculture posters
 - 791 handwashing posters
 - 403 tractor posters, 205 cow posters
- Maine CDC will hold a Train the Trainer workshop in January 2018
 - Provide them with a tool kit
 - Biosecurity Staff
- Maine handed out questionnaires to children to understand their baseline knowledge
 - Sept. 2017 pre-education had 82 participants

Keep us healthy.
**If you're sick, please
stay out of the barn.**

- ☒ People and animals can share germs
- ☒ Wash your hands before and after touching animals
- ☒ Wash your hands before eating



 www.maine.gov/idepi
www.maine.gov/dacf/ahw/animal_health/index.shtml



Posters



Evaluation



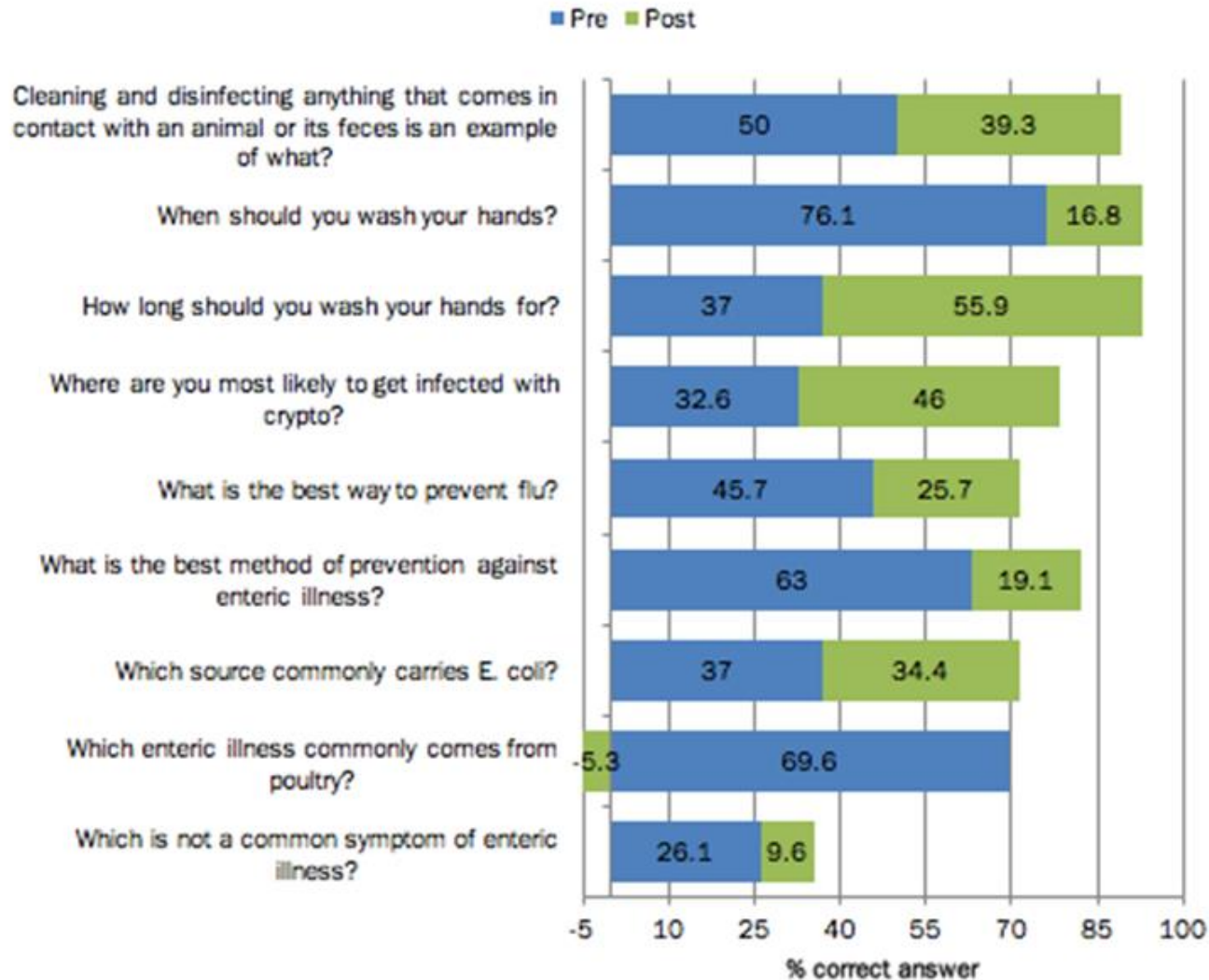
HAND WASHING QUIZ

1. The best way to protect yourself from germs, and to avoid spreading germs to other people, is to:
 - a) wear a surgical mask and gloves whenever you leave your home
 - b) stay inside all the time
 - c) wash your hands
 - d) keep a bar of soap in your backpack
2. True or false: It's OK to eat food if it's on the floor for less than 5 seconds?
3. True or false: You can get sick from petting an animal and then not washing your hands?
4. True or false: Animals can get sick from you if you are sick?
5. How long should you scrub when you wash your hands?
 - a) 5 seconds
 - b) 10 seconds
 - c) 15 seconds
 - d) 20 seconds or more
6. What is the best way to clean your hands after being around animals?
 - a) Wipe them off on you pants
 - b) Hand sanitizer
 - c) Warm water
 - d) Warm water and soap

- Initial questionnaire at youth agriculture fair this summer
- Post-test will be at similar event in May 2018
 - Results from pre-test will be compared to post-test results to quantify gain in knowledge

Impact

Figure 1: Pre-and Post-Test Results of Correct Answers



Impact

- Participants increased their knowledge
 - On average, 25% increase after education intervention
- Education Materials
- 2017 project, Maine CDC/DACF hopes that training the leaders will allow long-term knowledge retention in youth agriculture participants

Qualitative impact, Successes, & Failures

- Maine CDC/DACF Germ-O card game
- Feedback from participants
 - Some of the 2015's questions were too difficult
 - Know your audience
 - Cater to different age group
 - Be conscious of the language used in the questionnaires and teaching material
- Maine will expand success to the 2017 program
 - Maine CDC will educate youth ag leaders rather than educating children directly

CSTE – Maine CDC and DACF thanks
you for your generous support!