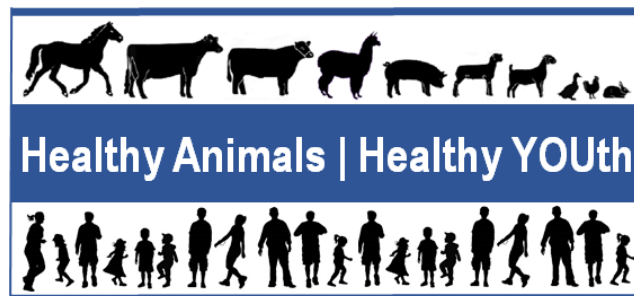


Influenza and Zoonoses Education among Youth in Agriculture
FINAL Progress Report

Please return completed Progress Report to CSTE at mhuynh@cste.org.

1. Identify your top achievements for the project.
- A Project Name and Logo were created: Healthy Animals | Healthy YOUTH. We felt this project name was straight forward in suggesting the hopeful project outcomes: healthy animals and healthy youth. Additionally, the YOU was capitalized so that any person reading the name might also see themselves included in the project name. A logo was created that represents both the animal and youth targets of the project, with the project name listed between the animal and youth images to symbolize the program being a connecting pathway between the two.



- Deliverable 1: *Zoonotic content enhancement to Maryland and West Virginia Online Animal Husbandry and Quality Assurance program*
Accomplishments/Progress to-date: Content updates were made to the existing online AH&QA training program, adding new zoonoses information to both the Junior (23 new slides) and the Intermediate/Senior (61 new slides) tracts of the program. The training site went live on April 10, 2019 and remained open through August 10th. The training site tracks youth participant's progress and completion through the program. Guests (i.e. parents, club leaders, etc.) may go through the program, but guest progress and completion is not tracked.

The AH&QA program was completed by 1049 Junior youth and 2293 Intermediate/Senior youth from Maryland and West Virginia (412 Junior youth and 811 Intermediate/Senior youth from Maryland and 637 Junior youth and 1482 Intermediate/Senior youth from West Virginia). 1145 youth and guests completed the Junior pre/posttests and 2675 youth and guests completed Intermediate/Senior pre/posttests. NOTE: The attached results are purely based on raw, uncleaned data are attached for informational purposes at this point; the data is currently being cleaned (match pre-post data and separate out guest data) for statistical analysis in SPSS.

Did this deliverable include an educational intervention Yes / No
(If Yes, please complete the Impact Chart appended to this report.)

- Deliverable 2: *Video production - two short instructional videos: (1) Proper Handwashing, (2) Conducting an MDA Animal Health Self-Certification Health Check*. The completed videos will be embedded into the Online AH&QA program and the Handwashing video will be produced so it could also be used as a stand alone

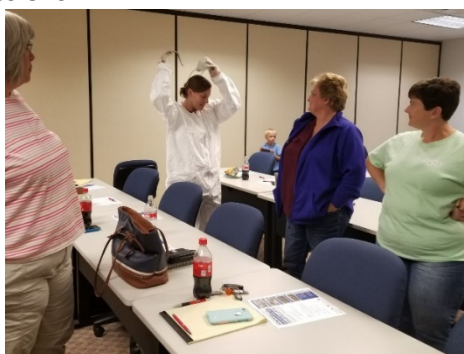
Accomplishments/Progress to-date: **Permissions to shoot videos on campus farm secured from Farm Manager, Supervising Specialist, and IACUC. Storyboards being drafted. Youth actors are secured. Animal subjects are secured. Planning discussions have been held with AGNR IET staff who are producing the videos. Video shooting to occur in approximately four to six weeks.**

Did this deliverable include an educational intervention: Yes / **No**
(If Yes, please complete the Impact Chart appended to this report.)

- Deliverable 3: ***Zoonosis Activity Kits- 80 (1 per county in MD and WV)***
Accomplishments/Progress to-date: **The Zoonoses Activity Kits include a binder of engaging hands-on activity lessons plans and a tote of the supplies needed to conduct the activities. The Kits were created for use by faculty/staff, volunteers, and teen leaders to teach youth about various zoonoses topics at club meetings, county workshops and field days, and more. A Train-the-Trainer and Kit Roll-out Session for faculty/staff/volunteers/fair officials was held on June 11 at three sites across MD – sites were linked via WebEx for the first part of the agenda. Each MD County was invited to bring a team of 4 individuals. The sessions were attended by 45 faculty/staff and volunteers. A leadership team from WV attended the session at the western location and transported Kits to WV for distribution on a training that was held September 24; attended by 29 faculty/staff. The Agenda included talks from the partners to establish the importance of providing zoonosis educational information to youth and the public followed by an overview of the Kit and first-hand experience with several selected lessons. See attached promotional flyer and agenda.**

Additionally, the team is leading workshops to promote the Activity Kits to volunteers and youth leaders at the Maryland 4-H Regional Volunteer Forum being planned for 4 locations across Maryland on November 16, 2019.

Images from the June 11th Train-the-Trainer Sessions:



Did this deliverable include an educational intervention: Yes / **No**
(If Yes, please complete the Impact Chart appended to this report.)

- Deliverable 4: ***Zoonosis Awareness Signs for Fairs and Expos***
Accomplishments/Progress to-date: **Reviewed existing and possible designs. Four signs from basecamp were adapted and one new variation created. The signs were distributed to most County Fairs and the State Fair for the 2019 fair season via County Health Department staff. See attached document depicting the five signs.**

The signs focused on four simple messages:

- No food or drink in animal areas
- No strollers or toys in animal areas
- No kissing the animals
- Wash your hands

Images from the U-Learn Food and Fiber Display at the Maryland State Fair. The U-Learn display was visited by 1,500 fairgoers per hour (or 18,000 per day) on the weekends. The new handwashing signs were posted at the handwashing station, at one point directly across from the handwashing station, and at one point beyond the handwashing station just prior to exit. The signs were well received by the public, many people stopped to take photographs of the signs prior to proceeding to the handwashing stations. The signs were also posted at the Cow Palace, and Sheep and Swine barns.



Additionally, the signs in poster size were made available for download via a new “Stay Healthy at Maryland Fairs” section of the Maryland Department of Health website at <https://phpa.health.maryland.gov/OIDEOR/CZVBD/Pages/czvbd-resources.aspx> . The signs were also posted on the site in sizes suitable for use with social media along with the following social media scripts:

Social Media Posts

1. Stay healthy when visiting the fair this summer. Wash your hands after touching the animals and keep food, drinks, toys and strollers outside their environment. Learn more:

<https://bit.ly/2XmxVZC>

2. Have fun and stay healthy at the fair this summer. Keep food, drinks, toys and strollers outside any animal exhibits and remember to wash your hands after touching the animals. Learn more:

<https://bit.ly/2XmxVZC>

3. Share the fun — not the germs — at the fair this summer. Wash your hands after touching the animals and make sure you leave food, drinks, toys and strollers outside any animal areas. Learn more: <https://bit.ly/2XmxVZC>

Did this deliverable include an educational intervention: Yes / **No**

(If Yes, please complete the Impact Chart appended to this report.)

2. Please list the collaborators on this project’s achievements and briefly describe their role in the project (i.e. 4-H, State PH, State Animal Health).).
 - a. **Maryland Department of Health: Project Coordination, Public health subject expertise**
 - b. **University of Maryland Extension 4-H: Youth education expertise, Educational resources/curriculum development, Dissemination to youth and volunteers for MD.**
 - c. **Maryland Department of Agriculture: Animal health subject expertise**
 - d. **West Virginia Extension: Dissemination to youth and volunteers for WV.**
3. Please describe areas of concern or challenges in meeting the objectives or providing deliverables.
 - a. **The biggest challenges were associated with the short time-frame for the project and that a significant portion of the grant period occurs during the summer months when many youth-focused camps and fairs are being led by team and field educators.**
4. Please include an updated project timeline.

Completion of two supporting elements are underway and will be completed in Fall '19:

- 1) **The videos footage will be filmed and edited by our College Communications Department.**
- 2) **Additional system updates are being made to the Online AH&QA program by the programmer.**

5. If you have materials you are already distributing, please upload a PDF or a link to the Basecamp site (<https://3.basecamp.com/3164497/buckets/2026830/vaults/306679424>) For Basecamp access, please email mhuynh@cste.org.
6. Please list suggestions and recommendations for CSTE and CDC for how we can improve support to future sites participating in the project.
 - a. **The guidance and feedback provided during site visit was very helpful.**
 - b. **The monthly calls are very beneficial in providing relevant information and maintaining the momentum for the project.**

Impact Chart

If the activity/deliverable described is/included an **Educational Intervention**, please complete this portion of the report. Please note: the chart below should be reflective of the cumulative project period and can include deliverables met in the interim report.

Impact							Evaluation	
Intervention Activity	Baseline # prior to 2018-19 grant period	How did you measure the baseline? Did you include direct participants, families, etc?	2018-19 Audience (youth, community leaders, etc?)	# of attendees/participants	# of materials distributed	Did you collaborate with another state? If so, which one(s)?	Pre-test administered? (How many? To whom?)	Post-test administered? (How many? To whom?)
EXAMPLE: Four Scenario based training exercises	X# of training sessions held in 2016 to X total youth aged 11-15	Only counted the number of actual youth who attended the session	Youth aged between 12 and 16	X # attendees per training; total of X attendees				
MD and WV Online AH&QA Program	Online training module – Site opened Apr 10 and closed Aug 10, 2019	3342 junior and intermediate/senior aged youth registered and completed the online training	The online training is open so that parents, club leaders, and others can complete the program	Individual online completion	N/A	Maryland and West Virginia collaborated on the AH&QA program	3975 youth and guests completed the Online AH&QA Training Pre-test	3884 youth and guests completed the Online AH&QA Training Post-test

<i>Train the Trainer Sessions</i>	<i>0</i>		<i>84</i>	<i>Participation of 45 faculty/staff/volunteers/fair officials on June 11, 2019 in MD</i> <i>Participation of 29 faculty/staff on September 24, 2019 in WV.</i>	<i>80 Zoonosis Activity Kits</i>	<i>Maryland and West Virginia</i>	<i>0</i>	<i>0</i>