

INDIANA LABORATORY SYSTEM MONTHLY PARTNER WEBCAST

Thank you for joining us.
The webcast will begin shortly.

8/14/2025





Indiana
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of
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INDIANA LABORATORY SYSTEM MONTHLY PARTNER WEBCAST

MARK GLAZIER
DEPUTY LABORATORY DIRECTOR

8/14/2025

Agenda

- 1. Welcome and laboratory updates** – Mark Glazier, deputy laboratory director
- 2. Enteric update** – Melissa Hindenlang, Enteric and Parasitology Laboratory supervisor
- 3. Arbovirus update** – Brian Pope, Virology and Biological Preparedness Division director
- 4. Q & A** – IDOHL webcast team



Updates and Reminders



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IDOH Laboratory

Four ways to stay in the know:

1. Email us at IDOH-Lab-Info@health.in.gov
2. Sign up for IHAN – Indiana Health Alert Network
<https://www.in.gov/health/emergency-preparedness/indiana-health-alert-network-ihan/>
3. Sign up for laboratory communications and updates
4. Update your laboratory's contact information [here](#)



APHL Infectious Diseases Webinars

The Association of Public Health Laboratories (APHL) is excited to announce its upcoming infectious diseases webinar lineup. P.A.C.E.® credits will be offered for the webinars (most are eligible for one contact hour).

Tiny Midges, Big Trouble: Building Diagnostic Capacity For Oropouche Virus

Tuesday, Aug. 26 | 3 p.m. ET

[Registration](#) | [Course Flyer](#)

Tough Skin, Tougher Fungi: Emerging Resistant Dermatophytes

Tuesday, Sept. 30 | 2 p.m. ET

[Registration](#) | [Course Flyer](#)

APHL Free Training Series Watch Party: Live Discussion on Mycobacteriology Laboratory Practices

In this webinar series, participants will engage with subject matter experts (SME) to discuss material and answer questions related to content in the TB series Essentials for the Mycobacteriology Laboratory: Promoting Quality Practices. **Prior to each webinar participants should complete the required modules listed in the details of the webinar flyer.** See attached series flyer for more information.

Webinar 1: Discussion of TB Modules TB1 - TB4

Thursday, Sept. 18 | 1-2 p.m. ET

[Enroll](#) | [Webinar Flyer](#)

Webinar 2: Discussion of TB Modules TB5 - TB7

Wednesday, Oct. 1 | 1-2 p.m. ET

[Enroll](#) | [Webinar Flyer](#)

Webinar 3: Discussion of TB Modules TB8

Wednesday, Oct. 15 | 1-2 p.m. ET

[Enroll](#) | [Webinar Flyer](#)

Webinar 4: Discussion of TB Modules TB9 - TB10

Thursday, Oct. 30 | 1-2 p.m. ET

[Enroll](#) | [Webinar Flyer](#)

Webinar 5: Discussion of TB Module TB11

Thursday, Nov. 13 | 1-2 p.m. ET

[Enroll](#) | [Webinar Flyer](#)

Basic Microscopy Now on CDC OneLab REACH™

[Basic Microscopy: Microbiology Curriculum](#) is designed for any-level clinical and public health laboratory professional, individuals with a science background entering the microbiology field, and individuals needing training in basic microscopy principles and techniques.

Learners also can access more than a dozen microscopy tools and job aids, including:

- Short videos that focus on [Centering a Slide on the Stage](#), [Adjusting the Condenser Diaphragm](#), and [Adjusting the Field Diaphragm](#)
- Multiple job aids like [Köhler Illumination](#)
- Laboratory exercise guides for [staff](#) and [supervisors](#)
- [Register now on OneLab REACH™!](#)

2025 ILS webcast updates

- ILS webcasts will be held from 10:30-11 a.m. ET on the second **Thursday** each month
- Webcasts will require registration via the links provided:
 - September 11 – [Register here](#)
 - October 9 – [Register here](#)
 - Recordings will be sent to the email provided during registration following the conclusion of the webcast



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ENTERIC LABORATORY UPDATE

MELISSA HINDENLANG

ENTERIC AND PARASITOLOGY
LABORATORY SUPERVISOR

8/14/2025

IDOHL Enteric Laboratory Testing

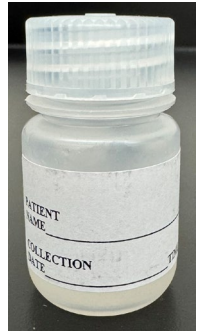
- **Required** positive specimens to be sent to the lab:
 - *Salmonella* spp. isolates
 - *Shigella* spp. Isolates
 - *Escherichia coli* (Shiga toxin-producing *E. coli* (STEC)) isolates
 - *Vibrio* spp., *Grimontia hollisae* (*Vibrio hollisae*), and *Photobacterium damsela* (*Vibrio damsela*) isolates
 - *Vibrio cholerae* isolates
 - *Listeria monocytogenes*
 - Organisms tested in outbreak situations only currently:
 - *Aeromonas*, *Plesiomonas*, *Campylobacter*, *Yersinia enterocolitica*, *Clostridium perfringens*, *Bacillus cereus* and *Staphylococcus aureus*
- Laboratories must submit all isolates to IDOHL for further evaluation within three (3) business days of isolation
 - If an isolate is not available, clinical specimens must be submitted



Image of *Salmonella* courtesy of CDC Public Health Image Library

Clinical Sample Submissions

- Clinical specimens are stool samples in the following:
 - Cary Blair media
 - Eswabs
- Stool specimens should be collected as early in the course of illness as possible
- Cary Blair tips:
 - A minimum of 1 gram of solid stool, 1 ml of liquid stool, or a fecal swab should be placed in the Cary Blair media
 - Secure the cap and label the specimen with at least 2 patient identifiers
- Clinical specimens must be received at IDOHL within **5 days** of collection



Clinical Specimen Temperature Requirements

Clinical specimens must be received at IDOHL between 2-8°C

- This is a new change that was implemented on July 1
- The changes are required to maintain compliance with CLIA regulations
- The only temperature requirement for isolates is that they must not be received frozen

Sample Type	Assay	Temperature/transit time requirements	Notes
Enterics			
Stool	<i>Bacillus cereus, Clostridium perfringens, Staph aureus</i>	2-8°C	
	<i>E. coli, Salmonella</i>		
	<i>Vibrio</i>		
	<i>Campylobacter</i>		
	<i>Clostridium perfringens</i>		
	<i>Yersinia enterocolitica</i>		
	Norovirus		
	<i>Aeromonas, Plesiomonas</i>	2-8°C	Must be received within 2 hours
Stool	BioFire	2-8°C	

IDOHL Refrigerated Shipping Options

1. STAT Courier

- Refer to the updated map and contact the drop-off facility to verify the sample can be received at that site and kept in a refrigerator
- Make sure to refrigerate the sample during transport to the drop-off location
- Specimen must be sent refrigerated through STAT and received within 24 hours
 - STAT refrigerated transport coolers have limited space, so it is recommended to drop samples off in a smaller container (ex: sealed transport bag). If the sample is in a sealed box, the drop-off site will not open it, and it may not fit in the STAT courier transport cooler. If it does not fit and is received above 8°C at IDOHL, the samples will be cancelled.



2. Ship refrigerated samples via specific packaging

- IDOHL is unable to provide the necessary Styrofoam shipping containers
 - Verified shipping containers can be purchased through Uline or VWR
 - These are insulated foam shipping kits where the inside Styrofoam measures 8 x 6 x 4 1/4"
- Two frozen ice packs must be used
 - Ice packs must match VWR item 89049-980 - foam bricks that measure 4 1/2 x 4 x 1 1/2"
 - Other ice packs have not been verified to consistently maintain temperature
- Samples must be received within 24 hours of shipping



These shipping options will not necessitate temperature verification upon receipt at IDOHL unless the above requirements are not met.

Other packaging/transport methods for shipment

3. Ship refrigerated samples via non-IDOHL recommended packaging
 - It is highly recommended to still use an insulated container and ice packs
 - Insulated containers help keep the temperature from fluctuating during transport
 - Some ice packs thaw quickly and do not keep the sample cold enough
4. Drop off at IDOHL via other means (non-STAT courier, staff, etc.)
 - Make sure the specimen(s) are stored at 2-8°C before transport
 - Transport the specimens to the lab in a cooler with ice packs that can maintain the specimen at 2-8°C
 - Bring the cooler into the building for drop off so receiving staff know the specimen was transported properly
 - Let receiving staff at IDOHL know that the specimen(s) must be refrigerated

Questions?

Melissa Hindenlang

Enteric and Parasitology Supervisor

mhindenlang@health.in.gov

317-921-5853





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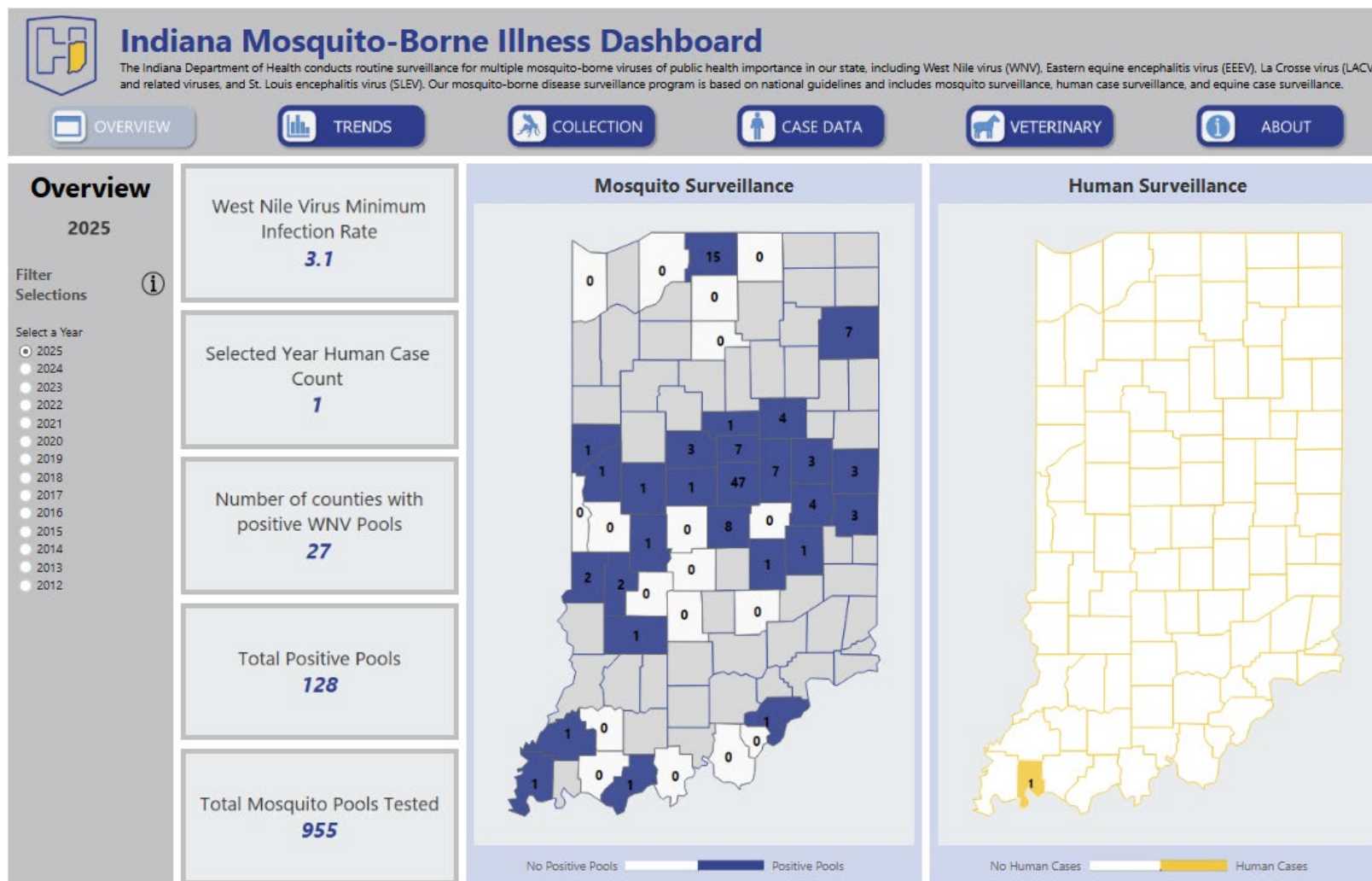
ARBOVIRUS UPDATE

BRIAN POPE

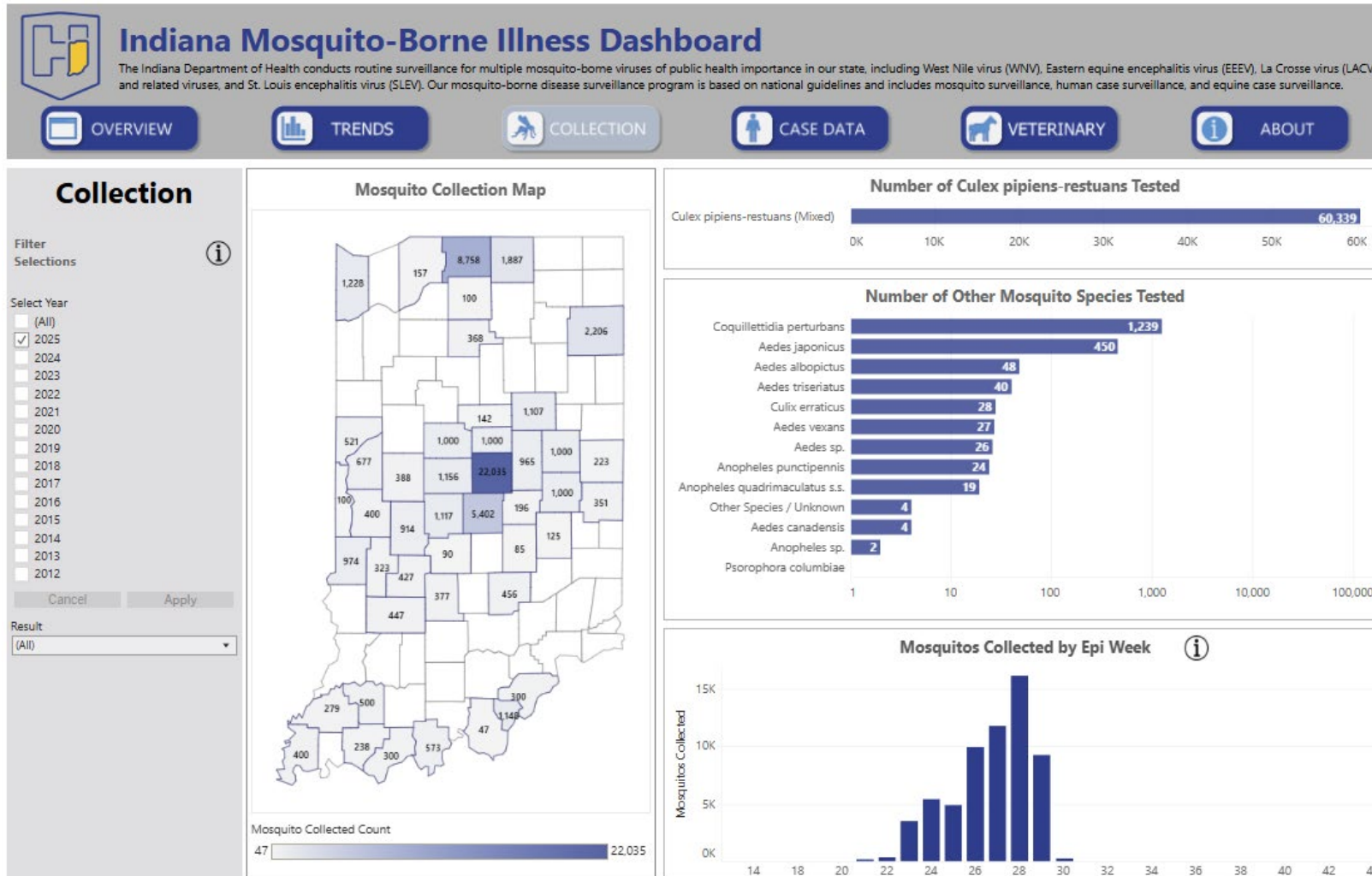
VIROLOGY AND BIOLOGICAL
PREPAREDNESS DIVISION DIRECTOR

8/14/2025

Mosquito-Borne Illness Dashboard



Mosquito-Borne Illness Dashboard



Mosquito Testing at the IDOHL

Partnering with our IDOH Entomologists

As of July 29, IDOHL has completed testing on over 691 pools of mosquitoes for the 2025 summer season.

- IDOH Entomologists receive and speciate the mosquitoes received by submitters
- IDOHL performs PCR testing on pools of mosquitoes, up to 100 mosquitoes per pool
- As of July 29, 107 pools have been identified as positive for West Nile Virus
- Testing takes approximately one week from the time the samples arrive to the laboratory area until the results are available
- Select pools are also tested for Eastern Equine Encephalitis (EEE) and/or La Crosse Virus (LACV)
 - No positives have been identified this season for either of these pathogens



Question & Answer Session



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Questions?

IDOH Laboratory

317-921-5500

IDOH-lab-info@health.in.gov



Next webcast

The next Indiana Laboratory System webcast is scheduled for:

Date: Thursday, September 11

Time: 10:30 – 11 a.m. EDT





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**THANK YOU FOR JOINING
THE WEBCAST!**

- IDOH Laboratory Team