

# Kentucky Department for Public Health: State Team Presentation

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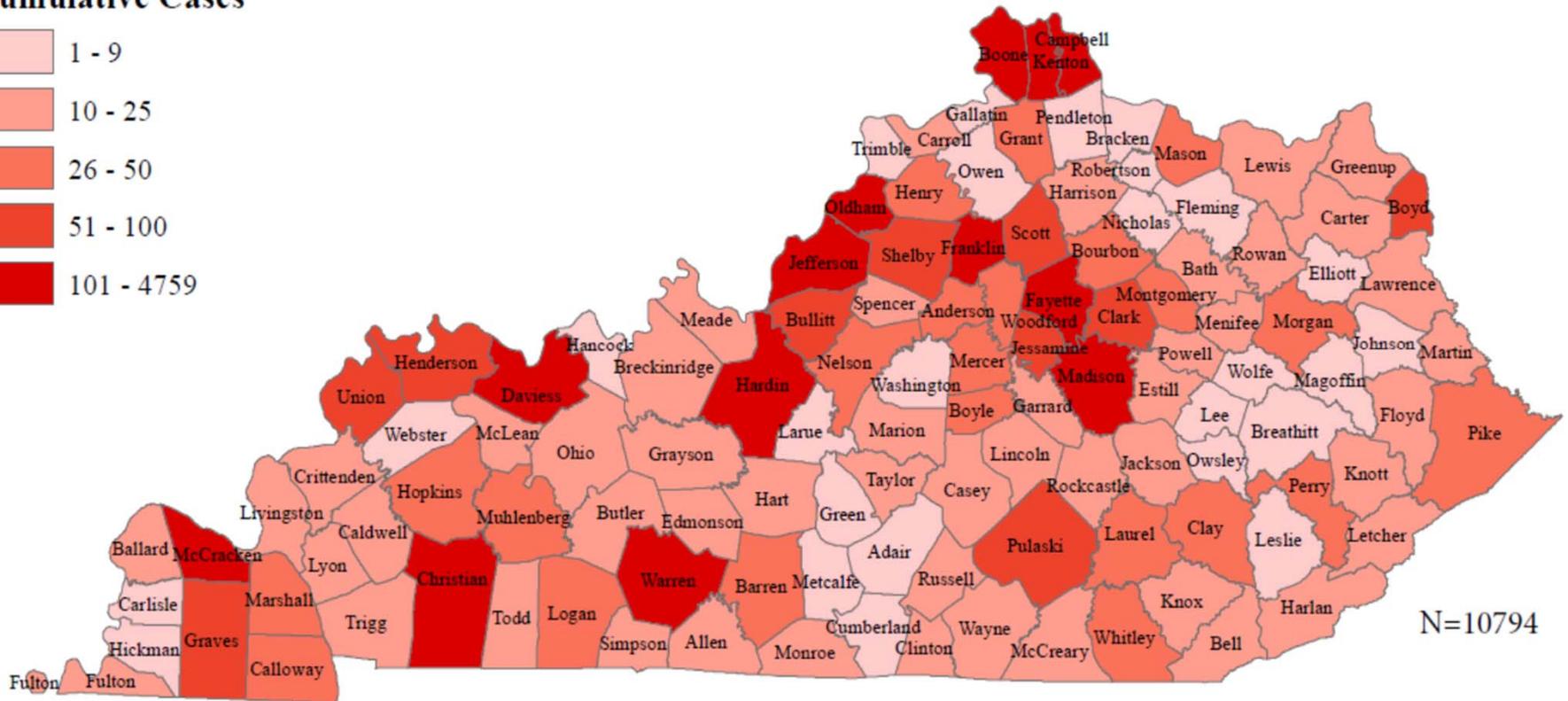
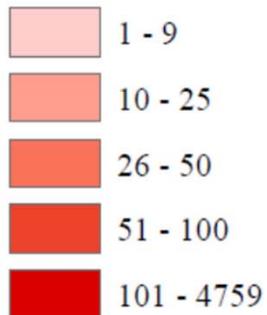
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# Overview of Kentucky Data, as of 12/05/2019

- **11,076** cumulative HIV infections diagnosed and reported.
  - Approximately 2/3 (62%) have progressed to AIDS.
  - **9,161**, reported among males (83% of total cases).
  - Most cases diagnosed 30-39 years of age (**33.2%**).
  - Men who have sex with men (MSM) remains the highest transmission risk category (**~55% of total cases, 67% of male cases**).
- In the last 10 years (January 1, 2009 to December 31, 2018) a total of 3,416 new HIV cases were diagnosed in Kentucky.

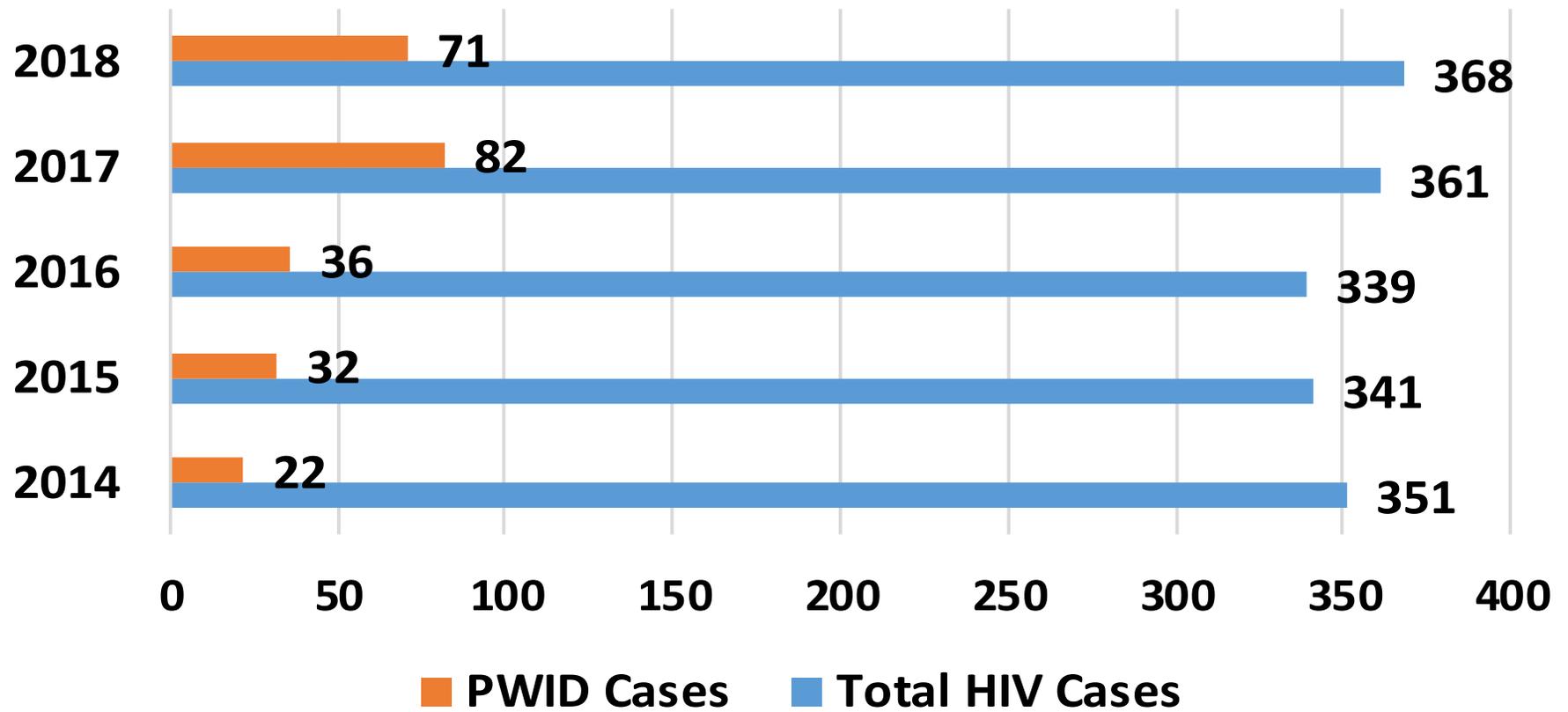
# Cumulative HIV Disease Cases Diagnosed by Residential County at Time of Diagnosis as of December 31, 2018, Kentucky

## Cumulative Cases



N=10794

## PWID and Total HIV Cases for Kentucky





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# 54 Kentucky Counties with Increased Vulnerability to Rapid Dissemination of HIV/HCV Infections Among People who Inject Drugs and Preventive Syringe Services Programs (SSPs)



### National Ranking by County\*

1	Wolfe	34	Martin	108	Gallatin
3	Breathitt	35	Boyle	125	Bath
4	Perry	39	Lawrence	126	Grayson
5	Clay	40	Rockcastle	129	Greenup
6	Bell	45	Harlan	132	Green
8	Leslie	48	McCreary	153	Casey
9	Knox	50	Letcher	154	Carter
10	Floyd	53	Johnson	163	Monroe
11	Clinton	54	Russell	167	Garrard
12	Owsley	56	Elliott	175	Robertson
14	Whitley	65	Laurel	178	Lewis
15	Powell	67	Carroll	179	Edmonson
17	Knott	75	Taylor	180	Allen
21	Pike	77	Grant	187	Boyd
23	Magoffin	93	Adair	191	Hickman
25	Estill	97	Lincoln	202	Breckinridge
30	Lee	99	Wayne	212	Campbell
31	Menifee	101	Cumberland	214	Mercer

\* Vulnerable Counties in RED have Operating SSPs

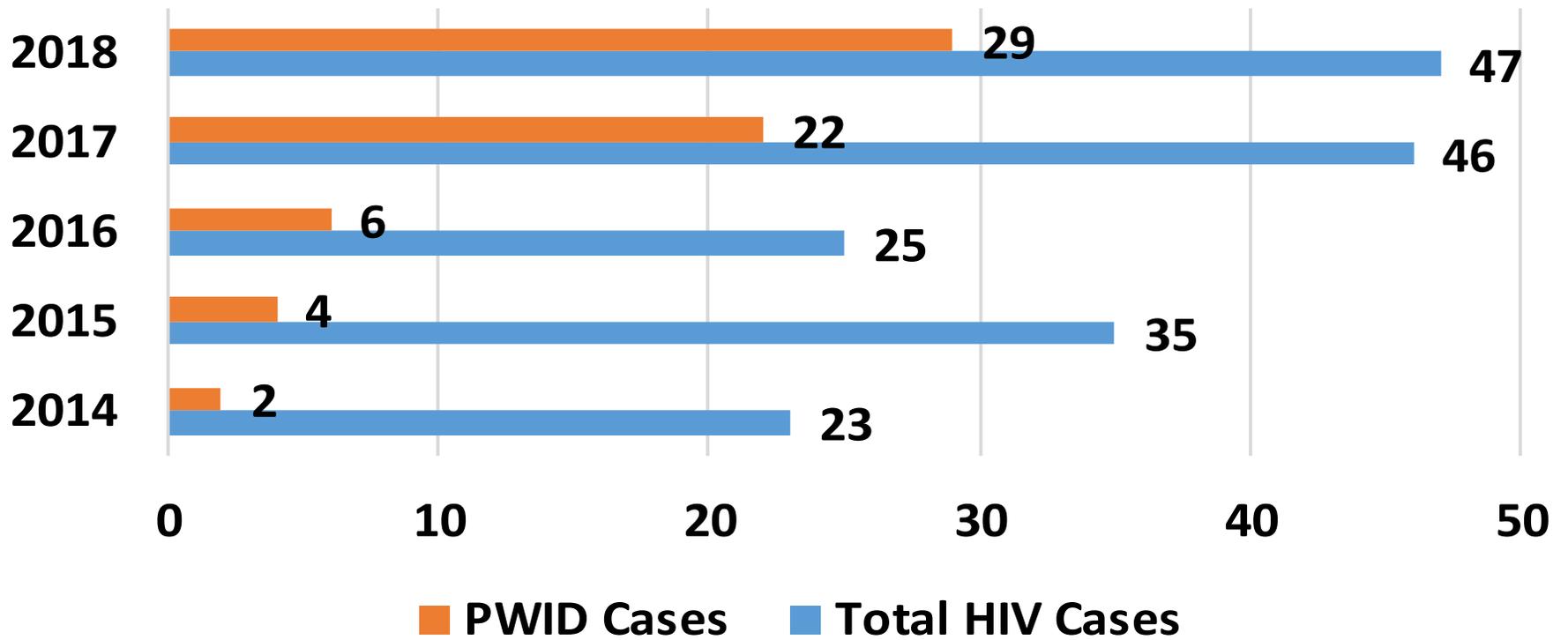
- 54 Vulnerable Counties
- 70 Operating SSPs (59 Counties) as of 12/05/2019
- 3 Counties are Approved but Not Yet Operational

### Specific concerns regarding Kentucky Counties:

1. Dense drug user networks similar to Scott County, Indiana
2. Lack of syringe services programs

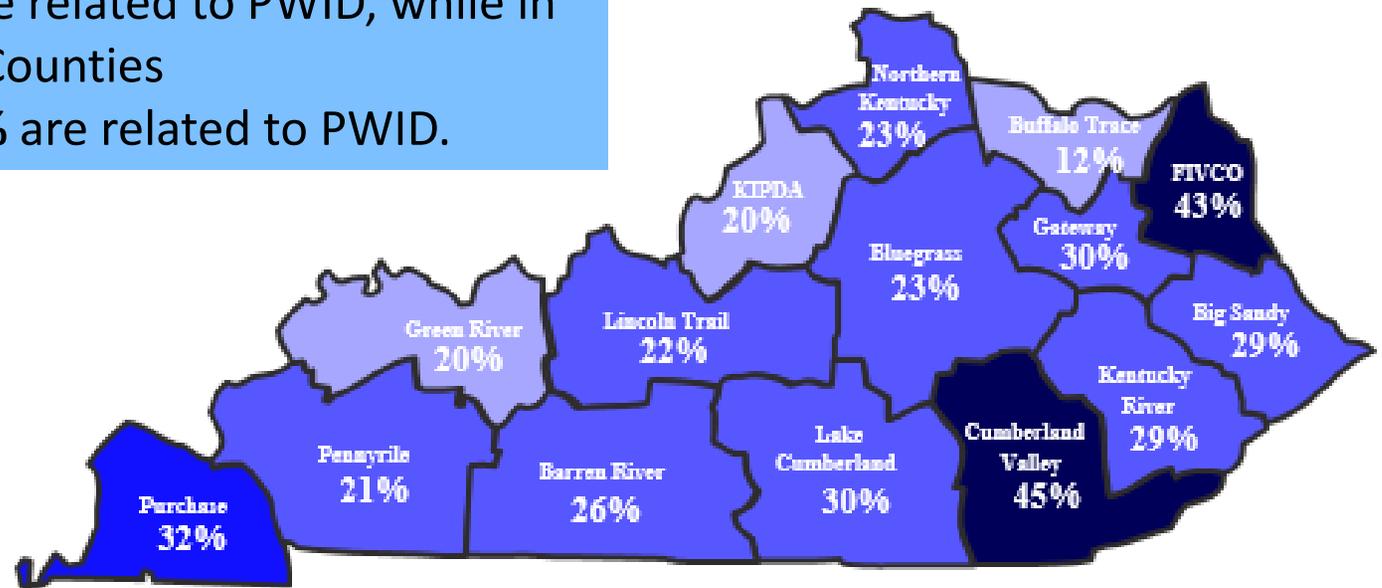
**NOTE: CDC stresses that this is a REGION-WIDE problem, not just a county-specific problem.**

## PWID and Total HIV Cases for Northern Kentucky Area Development District



# Percentage of Concurrent Diagnosis by ADD (2009-2018) for Kentucky

Over the last 10 years, approximately **11%** of the cases for KY are related to PWID, while in Eastern Kentucky Counties approximately **19%** are related to PWID.



Eastern KY: Buffalo Trace, FIVCO, Gateway, Big Sandy, Kentucky River, Cumberland Valley

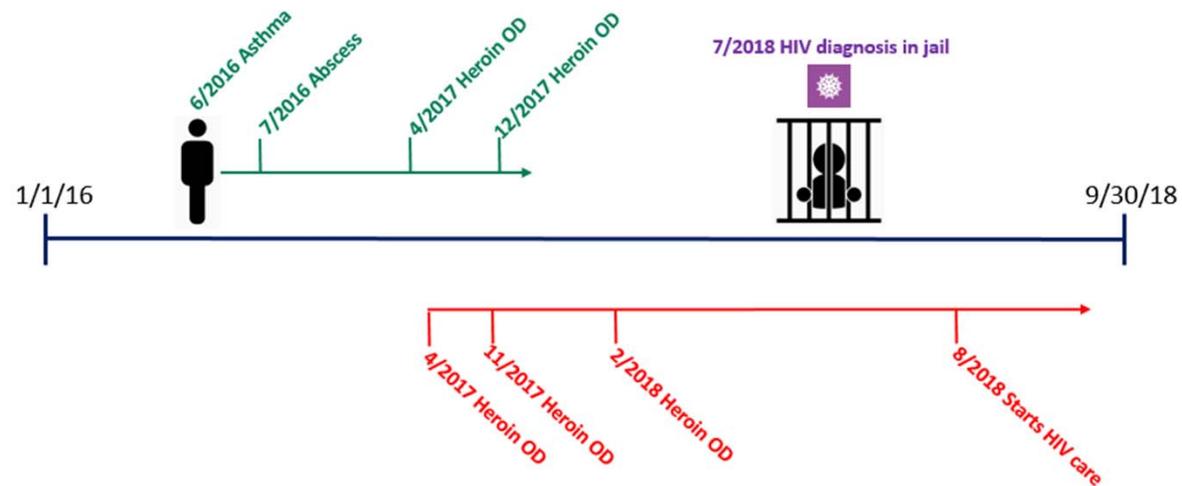
# State Planning and Response: Emergency Departments

## Successes

- Legislation passed in 2019 allowing a “designee” to provide HIV test results
- Increased opt-out testing

## Areas for Improvement

- Identified as a missed opportunity in the Northern Kentucky Epi-Aid



Graphic provided by E. Blau.

# State Planning and Response: Incarceration

## Successes

- Kentucky RW Part B Program Policy and Procedure for Implementing HRSA/HAB\* PCN 18-02
  - Use of Ryan White HIV/AIDS Program Funds for Core Medical Services and Support Services for people living with HIV who are incarcerated in state and county jails
  - Help people living with HIV stay virally suppressed while incarcerated and reduce the risk of spreading HIV

## Areas for Improvement

- Increase awareness of new policy
- Increase testing among incarcerated populations
- Limited to local, and county jails



# State Planning and Response: Kentucky Income Reinvestment Program (KIRP)

## Successes

- Kentucky Finding Cases (KyFC)
- Risk Reduction Specialists
- Increased focus on harm reduction, health education, and prevention care and treatment

## Areas for Improvement

- Explore “swarming syringe service programs”
- KIRP in early stages of implementation



# State Planning and Response: Molecular Sequencing and Data Sharing

## Successes

- Onboarded 3 major labs
- Routinely analyzing molecular sequence data with MicrobeTrace
- Routine data sharing of current HIV data with the three major HIV burden areas and as needed in “hot spots”

## Areas for Improvement

- Continue efforts to onboard last major lab
- Legislation does not allow for participation in Secure HIV-Trace
- Working on data sharing flow map and agreement with one border sharing state only

# State Planning and Response: Staffing

## Successes

- Data to Care (D2C) coordinator hired
- Expanded surveillance staff

## Areas for Improvement

- Enhance regional epidemiology infrastructure
- Increase Disease Intervention Specialists (DIS)
- Increase case management staff knowledge of persons who inject drugs

# State's Coordination Across Borders

## Successes

- Increased state-to-state communication for routine case surveillance.
- Increased cooperation on sending cross jurisdictional reports to the other states.
- Willingness to share data on regular basis, and creation of data flow map with Ohio.

## Areas for Improvement

- Formalizing the cross jurisdictional data sharing agreements.
- Cooperation on routine cross border case investigations.
- Formal platform for combined data, with access to all the participating jurisdictions.
- Continue communication even under non-emergent situations.

## Prevention Efforts: Eastern Kentucky

- Meetings held with Pike County HD, Kentucky River District HD, and Knott County Mayor to discuss outreach and to develop HIV steering committees.
- Collaborating with CDC liaison for Shaping Our Appalachian Region (SOAR) program, UK Care to Hope program, and KIRP on prevention and outreach efforts.
- Fundamentals of HIV Prevention Counseling training in Perry County.

# Prevention Efforts: Eastern Kentucky

- Community Conversation in Lawrence County. Discussed HIV education, testing, resources, and barriers.
- Community Conversation planned in Pike County (date pending).
- HIV Prevention billboards (Know your Status) for Pike County and Lawrence County.
- HIV Prevention will continue to schedule meetings with community leaders, organizations, and universities/schools.

# Prevention Efforts: Eastern Kentucky

- Regular webinars planned for statewide stakeholders
  - KDPH held first webinar in planned series November 2019
    - Approximately 150 persons participated
    - Focus on Huntington HIV cluster
  - Future webinars to focus on education, urgency of screening, need for rapid treatment, and PrEP



## Tri-State Area

Tri-State Regional Public Health Collaboration was established with support from West Virginia Local Health Inc. This group will address public health concerns associated with substance use disorders, including illicit drugs and tobacco.

**Cabell Co, WV, Wayne Co, WV, Lawrence Co, OH, Lawrence Co, KY and Boyd Co, KY.**



# TEAM WORK!

The current opioid epidemic warrants an immediate response that enables ready and ongoing collaboration across county and state lines.



# What's Next for the Tri-State Regional Public Health Collaboration?

- 12-19-2019-Strategic planning meeting session I
- 01-10-2020- Strategic planning session II
- 01-28-2020- Strategic planning update



# Short-Term Outcomes

- Establish interstate framework/strategic plan between KY, OH, WV
- Relationship-building between states
- Relationship-building between local jurisdictions
- Determine methods of communication between regions
- Explore data sharing mechanisms for cluster investigations state-to-state
  - Standardizing mechanisms for local data sharing
  - Consider daily use to be ready for emergency use

# Mid-Term Outcomes

- Implementation of an interstate framework between KY, OH, WV
- Data sharing agreements
  - State to state
  - Local to local
- Cross border permissions for investigations of cases
- Manage ongoing transmission
- Combine resources in prevention efforts
  - Media campaign