

Update on HIV Increase in Northern Kentucky

Erin Blau, DNP, MPH, RN

February 21, 2019

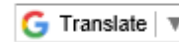


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HEALTH OFFICIALS SEE INCREASE IN HIV INFECTION AMONG INDIVIDUALS WHO INJECT DRUGS



Hamilton County & Northern Kentucky Health Work with CDC to Investigate HIV Cluster

October 23, 2018

January 2017 – October 2018

- 89 cases in Hamilton County
- 45 cases in Northern Kentucky

...previously less than 20 cases each year in this area.



What is an Epi-Aid?

- Urgent public health problem
- Request for assistance from CDC
- Rapid, short-term (1-3 weeks)
- Assist partners in making rapid decisions



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NKY Epi-Aid

- Integrate and analyze data across 5 county region
- Rapid assessment through key informant interviews
- Conduct case reviews
- Better understand current response and identify additional prevention and control measures

Findings

- Rapid transmission among PWID networks
- New HIV diagnoses continue
- Sharing and reuse of needles and equipment
 - Increase access to SSPs
- Mental health issues and stigma
- Missed opportunities for earlier HIV diagnosis



Recommendations

- Comprehensive syringe service program delivery
- Expand HIV testing in jails and emergency departments
- Improve care coordination
- Continue efforts to share and integrate data

HEALTH ALERTS



HEALTH ALERTS

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WHAT DO I DO IF...

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HIV INVESTIGATION

News releases

Feb. 22, 2018: [As HIV Cluster Investigation Moves into Second Month, Health Officials Increase Opportunities for HIV Testing](#)

Jan. 9, 2018: [Health Officials See Increase in HIV Infections Among Individuals Who Inject Drugs in Northern Kentucky](#)

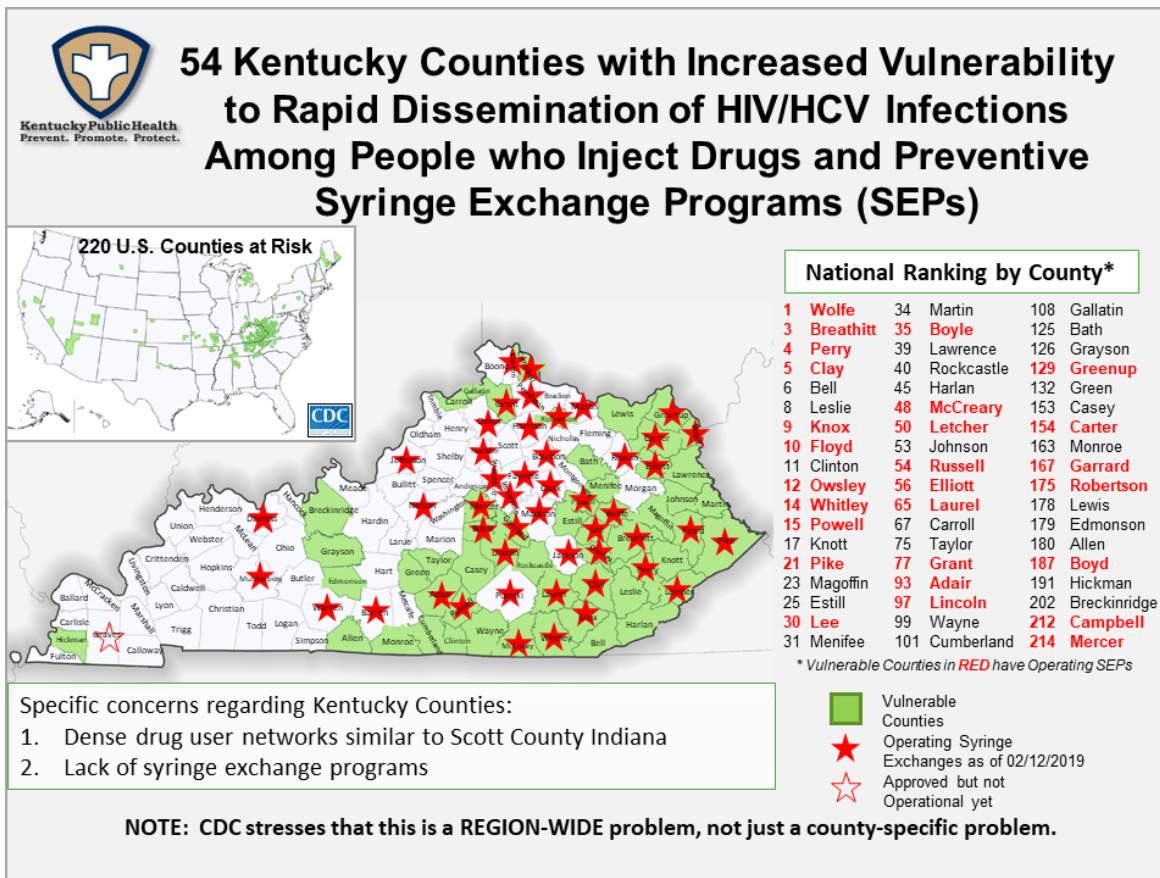
Oct. 23, 2018: [Hamilton County & Northern Kentucky Health Work with CDC to Investigate HIV Cluster](#)

Jan. 22, 2019: [Health Departments Share CDC Recommendations to Address HIV Among People Who Inject Drugs](#)

Current data

- Total number of diagnosed cases of HIV from 2017-2018: 90
- Number of cases in which injection drug use was reported as a risk factor for exposure: 49
- Number of HIV tests conducted by NKY Health in 2018 (as of Dec. 3, 2018): 1,495
- Number of HIV tests conducted by NKY Health in 2017: 1,369

Harm Reduction Resources



Monica Lee Ridgeway, MPA
 HIV Harm Reduction Initiatives
 Program Coordinator
 502-564-6539 ext. 4288

monica.ridgeway@ky.gov

Update on Vaccine Adverse Event Investigation

Erin Blau, DNP, MPH, RN

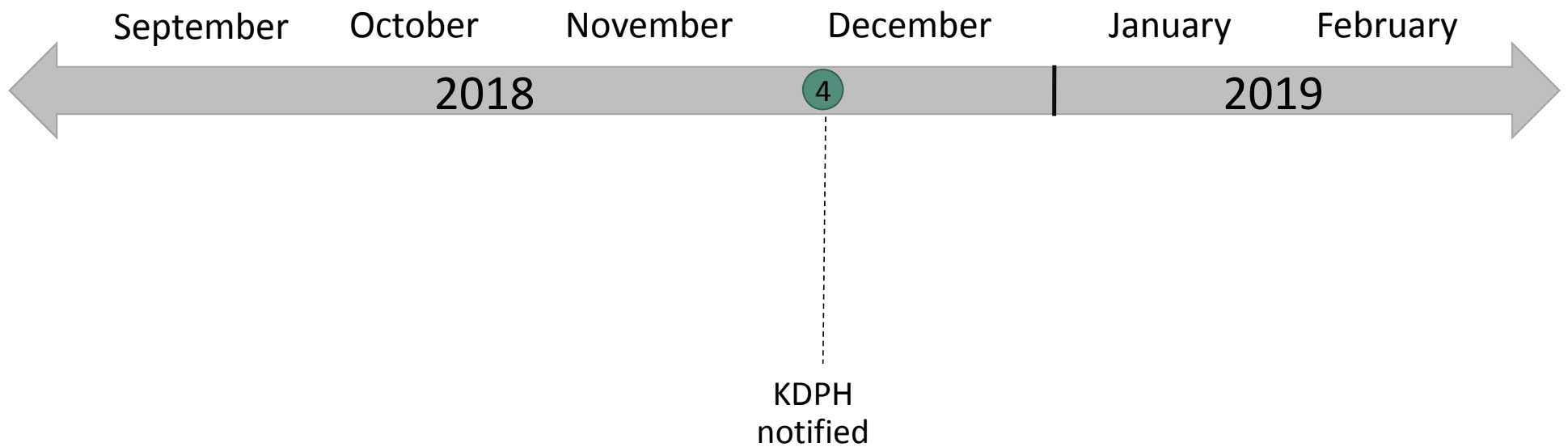
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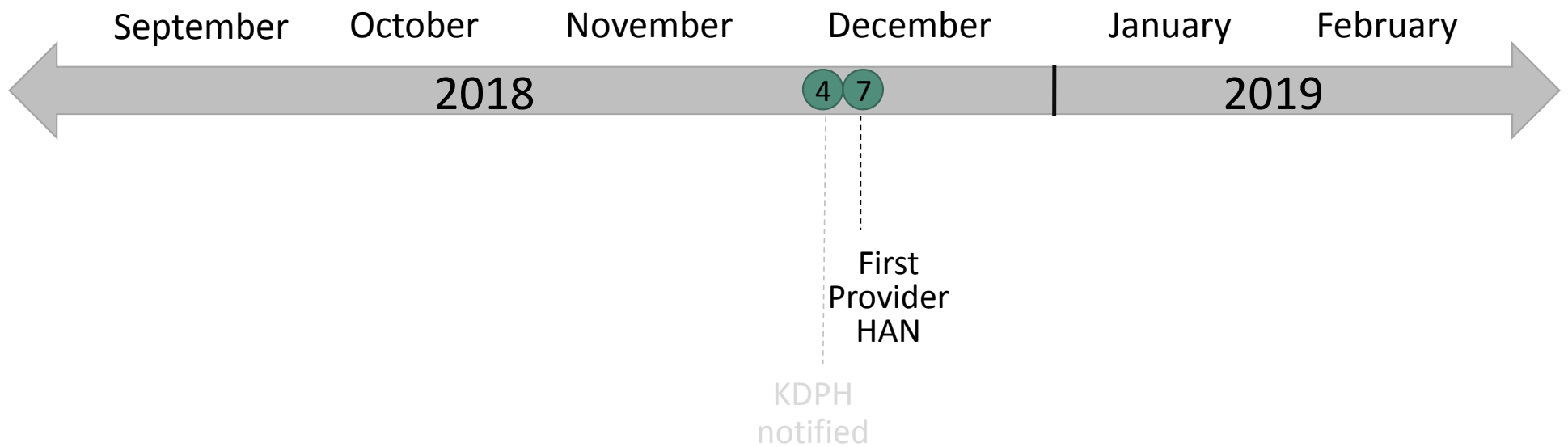
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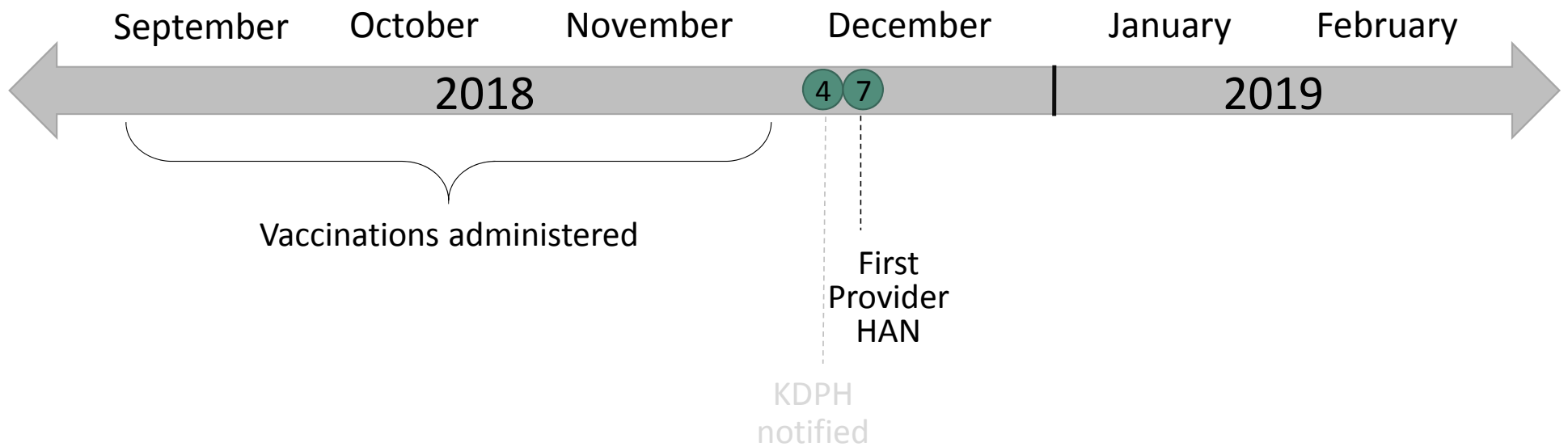
Overview



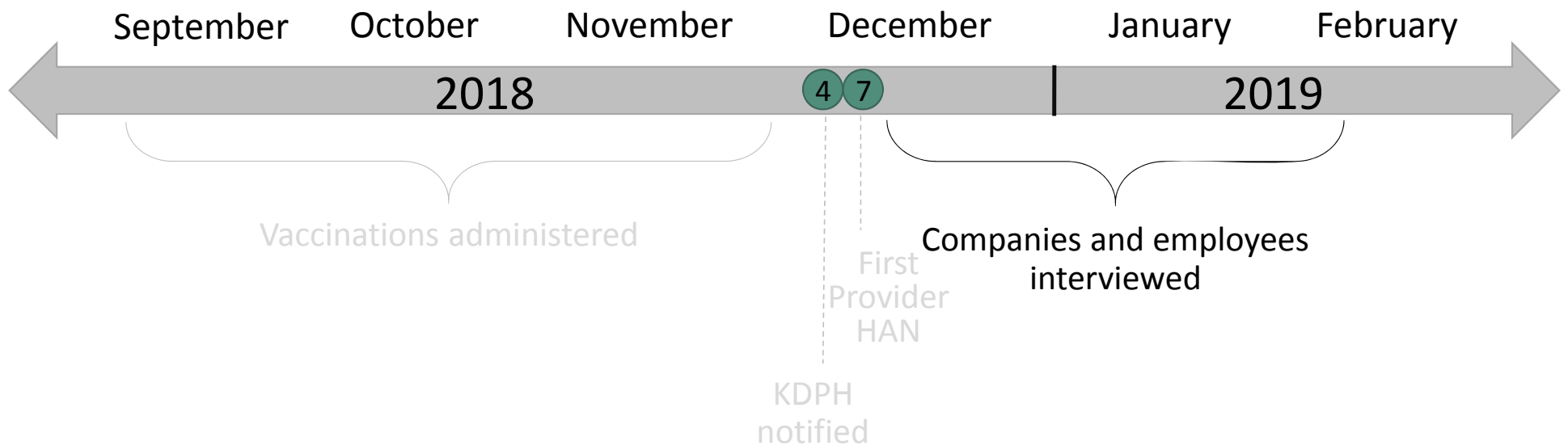
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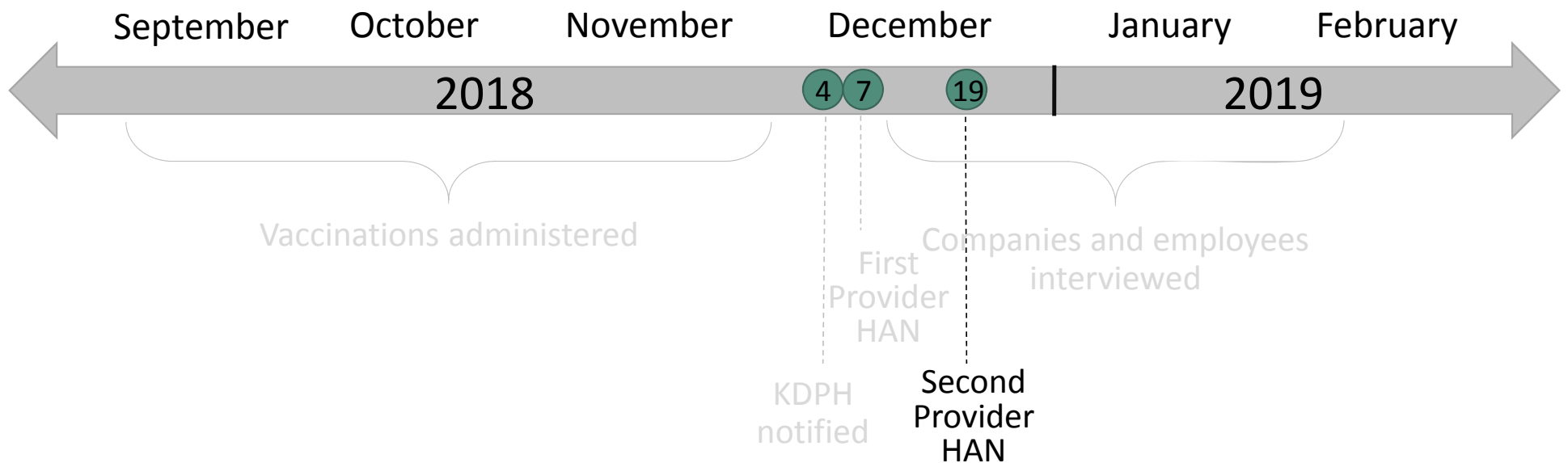
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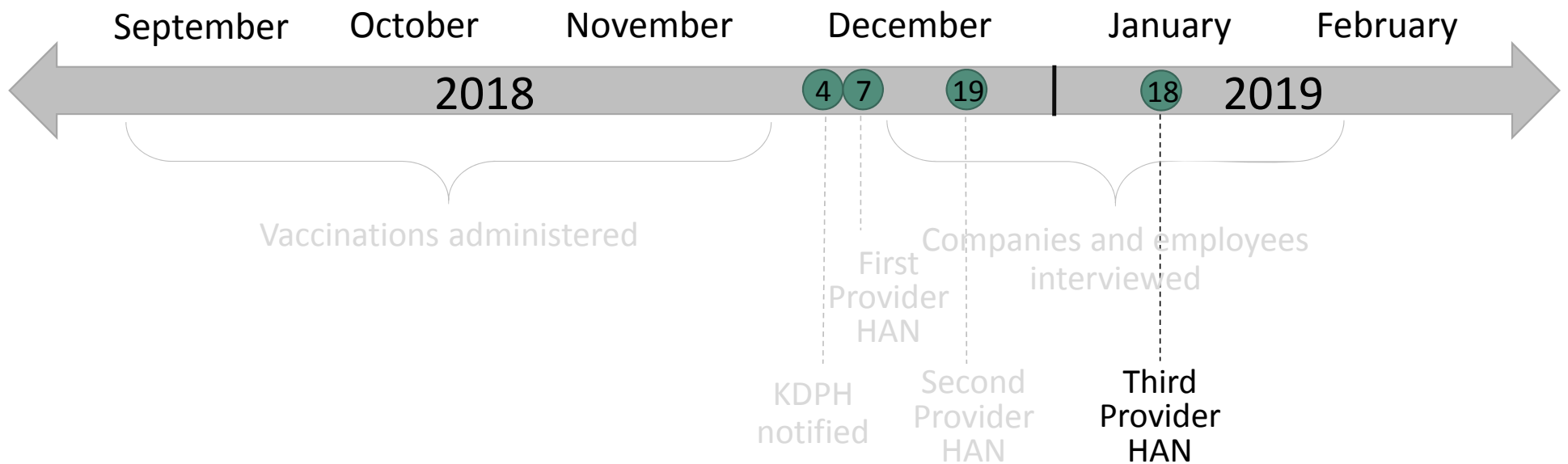
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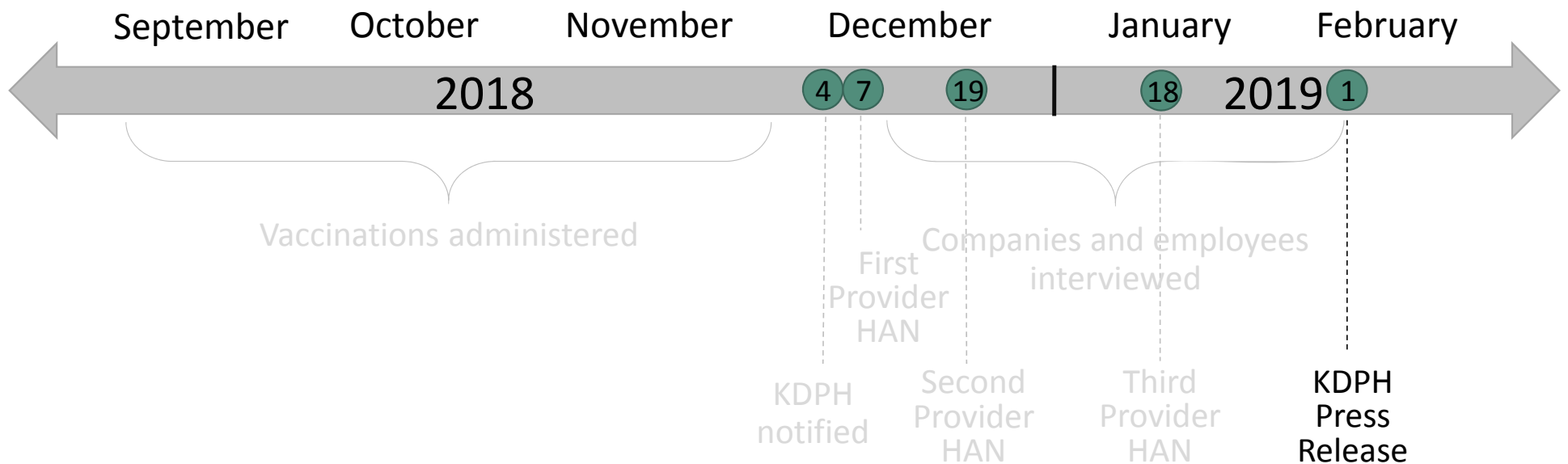
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Overview



1. Company and provider names released
2. Timeline of events
3. Need for medical care
4. Need for revaccination
5. Report cases to KDPH
6. Related to provider storage and handling

Department for Public Health Investigates Vaccination-Associated Infections

Doug Hogan
doug.hogan@ky.gov
KY

FRANKFORT, Ky. (Feb. 1, 2019) – The Department for Public Health (DPH) is investigating multiple infections associated with vaccinations given by Location Vaccination at various businesses in Kentucky, Ohio, and Indiana since Sept. 1, 2018. The Mt. Sterling-based vaccine provider is owned and operated by Fairshinda Sabounchi McLaughlin under the medical license of Dr. Paul E. McLaughlin.

Individuals with vaccination-associated infections related to this provider have experienced redness, pain or tenderness, swelling, and the development of hard lumps, or nodules, at the injection site. Though Location Vaccination has stopped administering immunizations, it is still possible individuals previously vaccinated by this provider could develop an infection. Symptoms may start from a few days to more than 12 weeks after vaccination. Medical care is advised since infections will likely not get better on their own.

"If you received vaccine from this provider, we strongly encourage you to consider getting another round to ensure you are fully immunized and not at risk for contracting illness," said Dr. Jeff Howard, DPH commissioner. "We believe negative side effects associated with this investigation to be linked to improper storage and handling of the vaccine. We want to emphasize that there is no evidence to suggest that there is an issue with the vaccine supply. The provider has stopped vaccinating and there is no continuing risk to the public."

DPH has notified medical providers of this situation. Current evidence suggests that these infections were caused by contamination and that the vaccinations may not be effective. Any businesses who believe Location Vaccination (or anyone representing this company) provided vaccination to their employees should notify their employees immediately and contact DPH at (502)564-3418. Most of the vaccinations were administered at businesses in central Kentucky but Location Vaccination provided services in other areas of the Commonwealth as well as locations in Indiana and Ohio.

"It is important that individuals vaccinated by this company seek appropriate medical evaluation and treatment," added Dr. Howard.

DPH continues to strongly encourage vaccination to protect against hepatitis A, seasonal influenza and all vaccine-preventable diseases.

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The Cabinet for Health and Family Services is home to most of the state's human services and healthcare programs, including the Department for Medicaid Services, the Department for Community Based Services, the Department for Public Health, the Department for Aging and Independent Living and the Department for Behavioral Health, Developmental and Intellectual Disabilities. CHFS is one of the largest agencies in state government, with nearly 8,000 full- and part-time employees located across the Commonwealth focused on improving the lives and health of Kentuckians.

Key Points

- Advise patients with reactions to seek appropriate medical care
- Report reactions to KDPH
- Complete a VAERS report form
- Revaccination is recommended
- This investigation is limited to vaccines administered by one company/provider

Vaccine Handling and Storage Guidelines

Checklist for Safe Vaccine Storage and Handling

<http://www.immunize.org/catg.d/p3035.pdf>

Skills Checklist for Vaccine Administration

<http://www.immunize.org/catg.d/p7010.pdf>

Tools to Assist Satellite, Temporary, and Off-Site Vaccination Clinics

<https://www.izsummitpartners.org/naiis-workgroups/influenza-workgroup/off-site-clinic-resources/>

Vaccine Storage and Handling Toolkit 2019

<https://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/storage-handling-toolkit.pdf>



Thank you!

Erin Blau, DNP, MPH, RN
Epidemic Intelligence Service Officer

Erin.Blau@ky.gov

502-564-3261 ext. 4231

Andrea Flinchum, MPH, BSN, CIC
HAI Prevention Program Manager

Andrea.Flinchum@ky.gov

502-564-3261 ext. 4248



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