

# August Arizona BioSense Workgroup Meeting

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Electronic Disease Surveillance Program  
August 4th, 2015



*Health and Wellness for all Arizonans*

# Objectives

- ❖ Welcome and Attendance
- ❖ Onboarding Updates
- ❖ National Syndromic Surveillance Program (formerly known as BioSense Program) Updates
- ❖ Exploratory Analysis Subgroup
  - ❖ Arboviral Syndromic Surveillance Project
  - ❖ Draft Protocol
- ❖ Feedback on Workgroup Charter 2015-2016
  - ❖ Discussion
- ❖ Other Items
- ❖ Questions

# Electronic Partners Status Update

## Hospital Onboarding

Registration of Intent = 66

Hold Queue = 37

Testing = 5

Validation = 1

Production = 23

## Data Use Agreements

Hospitals = 65

Local Public Health  
Jurisdictions = 13

# Onboarding Updates

## Production

Tucson Medical Center  
06/03/2015

23 Facilities  
in Production

## Validation

Yuma Regional Medical Center

## Testing:

### Banner University Medical Center

- Banner University Medical Center-South Campus
- Banner University Medical Center-Tucson Campus

### IASIS Healthcare

- Tempe St. Lukes Hospital
- St. Luke's Medical Center
- Mountain Vista Medical Center



**Updates**

# **National Syndromic Surveillance Program**

# Production Data

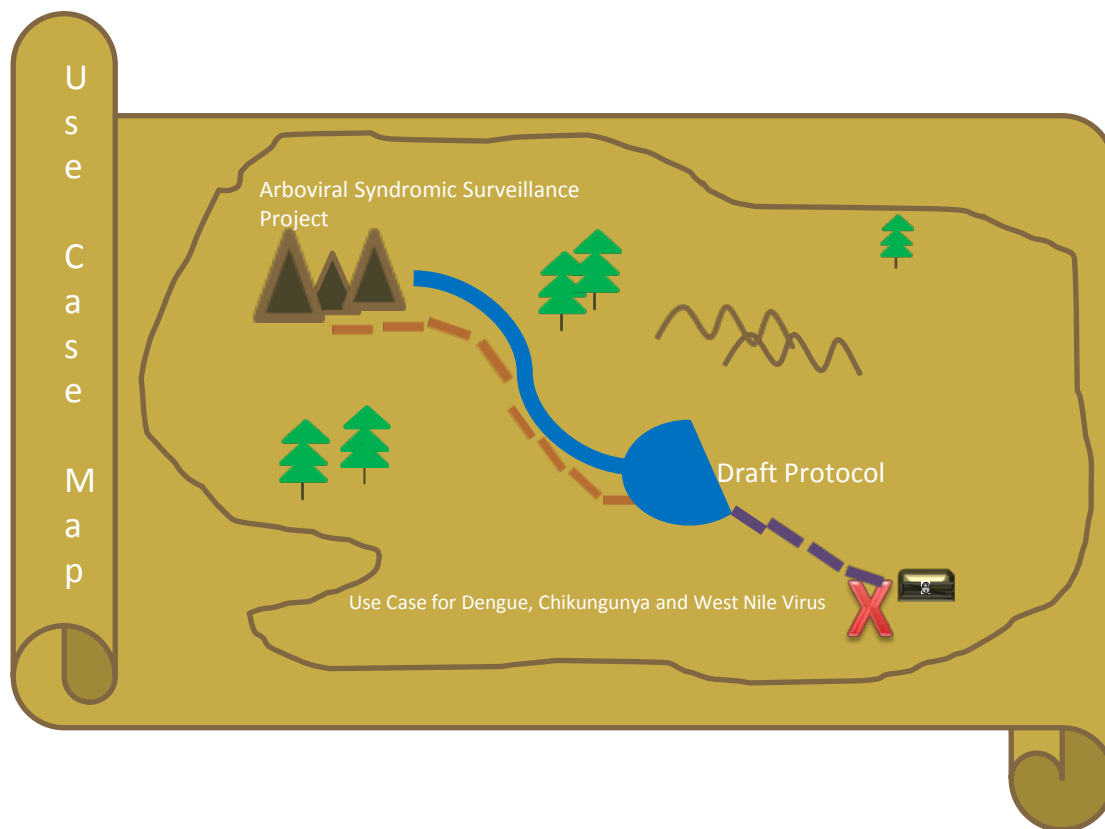
| Local Public Health Jurisdiction | Number of Facilities Contributing Production Data |
|----------------------------------|---------------------------------------------------|
| Cochise County                   | 1                                                 |
| Coconino County                  | 1                                                 |
| La Paz County                    | 1                                                 |
| Maricopa County                  | 12                                                |
| Pima County                      | 3                                                 |
| Pinal County                     | 2                                                 |
| Santa Cruz County                | 1                                                 |
| Yavapai County                   | 2                                                 |
| Yuma County                      | * DoD data only                                   |
| Total # of LPHJS = 9             | Total # of Facilities in Production = 23          |

- Arizona Data is available on the BioSense Visualization Site.

# Exploratory Analysis Subgroup



# Arboviral Syndromic Surveillance Project



# National Syndromic Surveillance Program Logic Model

<http://www.cdc.gov/nssp/foa-logic-model.html>



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| Strategies and Activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Short-term Outcomes                                                                                                                                                                                                                                                                                                                                                                                                      | Mid-Term Outcomes                                                                                                                                                                                            | Long-Term Outcomes                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Improve representativeness of data:</p> <ul style="list-style-type: none"> <li>a. Identify, recruit, and onboard hospitals, Health Information Exchanges (HIEs), or aggregator services to the syndromic surveillance platform (SyS-P)</li> <li>b. Establish Data Use Agreements (DUAs) with (1) cloud environment owner (currently ASTHO) and (2) identified facilities according to jurisdictional law</li> </ul> <p>3. Improve data quality, timeliness and utility (i.e., complete, valid, reliable and useful):</p> <ul style="list-style-type: none"> <li>a. Register users for the SyS-P</li> <li>b. Conduct data quality assessments</li> <li>c. Use syndromic surveillance data and analytic tools for public health decision-making</li> <li>d. Collaborate with CDC on syndromic surveillance for health events of regional or national interest</li> </ul> <p>5. Strengthen syndromic surveillance practice:</p> <ul style="list-style-type: none"> <li>a. Maintain or establish jurisdictional working groups</li> <li>b. Participate in National Syndromic Surveillance Community of Practice (NSSCoP) activities and other professional development activities that further syndromic surveillance and practice</li> <li>c. Attend an annual NSSP grantee meeting at the CDC</li> </ul> | <p>1. Improved geographic and population-based representativeness of syndromic surveillance data</p> <p>3. Improved syndromic surveillance data quality, i.e. data are complete, valid, and reliable</p> <p>5. Improved knowledge and ability of state and local health department staff in conducting syndromic surveillance</p> <p>6. Enhanced use of syndromic surveillance within state and local jurisdictions.</p> | <p>1. Increased data sharing between/among jurisdictions for local/regional/national health events</p> <p>3. Timely identification of syndrome patterns for anticipated or present public health threats</p> | <p>1. Improved synergy/integration of syndromic surveillance data with other surveillance systems within participating health departments</p> <p>3. High quality syndromic surveillance data for improved nation-wide all-hazard situational awareness for public health decision-making, enhanced responses to hazardous events, and outbreaks.</p> |

# Workgroup Charter Template

- Purpose
  - Mission
  - Goals/Objectives
- Approach
  - How will work be accomplished?
- Success
  - How we will know that the workgroup was successful?
  - How can we measure success?
  - What are the key deliverables?

# Feedback

- Feedback on Workgroup Charter 2015-2016 sent to [SyndromicSurveillance@azdhs.gov](mailto:SyndromicSurveillance@azdhs.gov) by June 16<sup>th</sup>, 2015.
- Send Questions to [SyndromicSurveillance@azdhs.gov](mailto:SyndromicSurveillance@azdhs.gov)

# Questions





# Next Workgroup Meeting

**Tuesday, October 6th, 2015**

**1 PM – 2 PM**