

# Exploratory Analysis Subgroup

## of the Arizona BioSense Workgroup

December 22, 2016



ARIZONA DEPARTMENT  
OF HEALTH SERVICES

*Health and Wellness for all Arizonans*

# Objectives

- Welcome and Attendance
- Transition Updates
  - 1/3/2017 Legacy Environment of BioSense Platform Sun Sets
  - Arboviral Syndromic Surveillance Project Changes
    - Protocol and Code Changes
      - Spreadsheet feedback and next steps
      - Current method for pulling data transiting to ESSENCE
      - Sharing Dashboards and Queries in ESSENCE
- Questions and Discussions
- Next Meetings



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## Sun Setting of BioSense Legacy Environment

| January 17 |    |    |    |    |    |    |
|------------|----|----|----|----|----|----|
| Su         | Mo | Tu | We | Th | Fr | Sa |
| 1          | 2  | 3  | 4  | 5  | 6  | 7  |
| 8          | 9  | 10 | 11 | 12 | 13 | 14 |
| 15         | 16 | 17 | 18 | 19 | 20 | 21 |
| 22         | 23 | 24 | 25 | 26 | 27 | 28 |
| 29         | 30 | 31 |    |    |    |    |
|            |    |    |    |    |    |    |

Mark this date  
on your  
calendar

# NSSP BioSense Platform

|                      |                                    |
|----------------------|------------------------------------|
| ESSENCE              | ESSENCE                            |
| Adminer              | Adminer - for DataMart SQL Queries |
| RStudio              | RStudio                            |
| BioSense Application | BioSense web application home page |
| PhpMyAdmin           | Admin - for MySQL Queries          |

Sun Setting 1/3/2017



# Tool Time



Don't forget to take the survey!

Survey

<https://www.surveymonkey.com/r/3NQR7LW>

Please take this SurveyMonkey by COB 12/28/2016 if possible and let us know how to proceed with authorized access to AZ data within the new database tools, Adminer and RStudio Professional.





## Update Existing Arboviral Syndromic Surveillance Protocol

- Maricopa County and ADHS have taken initial steps to transition current method for pulling data from phpMyAdmin and transition to ESSENCE
- Protocol will be updated with changes and remain a shared resource



## Transition Code to ESSENCE

- First steps include
  - Creating queries and dashboards in ESSENCE
    - Maricopa is working on Chikungunya, Dengue and Zika
    - ADHS is working on West Nile Virus, St. Louis Encephalitis
      - Potentially Guillan-Barre Syndrome and Microcephaly, needs vetting before moving forward
  - Sharing queries and dashboards in ESSENCE



## Spreadsheet Feedback and Next Steps

- We will stop collecting data and feedback for this project in the spreadsheet on 12/31/2016
- Future plans to do an evaluation

## Upcoming Meetings

Exploratory  
Analysis Subgroup



Exploratory  
Analysis Subgroup

- Thurs. Jan. 26  
from 1:00 – 2:00

- Thurs. Feb. 23  
from 1:00 – 2:00



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# THANK YOU

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