

Arizona BioSense Workgroup Meeting

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Electronic Disease Surveillance Program
October 4th, 2016**



**ARIZONA DEPARTMENT
OF HEALTH SERVICES**

Health and Wellness for all Arizonans

- Welcome and Attendance
 - Updates
 - Onboarding: Facilities moved to Production 09/22/2016
 - St. Luke's Medical Center
 - Tempe St. Luke's Hospital
 - Mountain Vista Medical Center
 - ESSENCE transition
 - Next Steps
 - Testing
 - Data transition
 - Testing
 - Charter
 - Year 2 Objectives and Deliverables Finalized
 - **Objective**
 - Collaborate with the ADHS BioSense team to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.
 - **Deliverable**
 - Determine the best methods to train users on BioSense based on the evaluation of needs. Report the number of users trained for use of the BioSense front end and/or back end analysis.
 - ESSENCE transition
 - » **Training**
 - How will we do this?
 - Exploratory Analysis Subgroup
 - decided to use Influenza Like Illness (ILI) as the use case for training in ESSENCE
 - - **Objective**
 - Assist ADHS and local health department users adapt to the NSSP transition. Continue to develop new and advance existing use cases which will include maintaining updates for current protocols.
 - **Deliverable**
 - Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.
 - Update: Exploratory Analysis Subgroup
 - » Heat Related-illness
 - Feedback from subgroup on statewide reports being implemented
 - CSTE Published [Syndromic Surveillance Guidance Document for Extreme Heat](#)
 - Congrats to AZ authors!
 - » ILI will be the subgroup's next use case
- Questions
- Other items



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Electronic Partners Status Update

Hospital Onboarding

Registration of Intent = 68

Hold Queue = 39

Testing = 0

Validation = 0

Production = 28

Data Use Agreements

Hospitals = 66

Local Public Health
Jurisdictions = 14



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Onboarding Updates

Production



**28 Facilities
in Production**

**Ticket to
Production**



IASIS Healthcare

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



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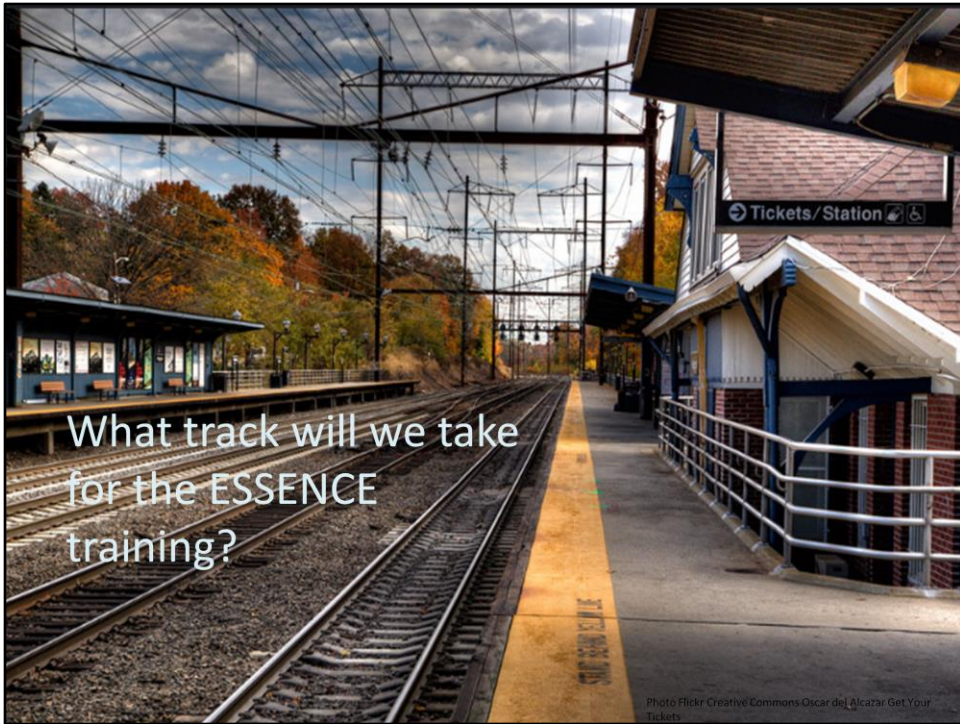
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All Aboard the ESSENCE Transition



Itinerary







Charter 2016-2017

Workgroup Year 2 Objectives and Deliverables

Objective: Continue to increase awareness among acute care facilities (hospitals) about how BioSense data is used.

Deliverable: Implement a process to provide outreach to acute care facilities regarding updates, use, onboarding, etc. at a state and/or local level. Report on the use of the decided process(es).

Objective: Collaborate with the ADHS BioSense team to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.

Deliverable: Determine the best methods to train users on the BioSense Platform based on the evaluation of needs. Report the number of users trained for use of the BioSense ESSENCE and/or back end analysis.

Objective: Assist ADHS and local health department users adapt to the NSSP transition. Continue to develop new and advance existing use cases which will include maintaining updates for current protocols.

Deliverable: Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.

Objective: Evaluate Arizona's syndromic surveillance use cases and validate BioSense data.

Deliverable: Present to workgroup results of evaluation.

Charter 2016-2017

Objective 2: Collaborate with the ADHS BioSense team to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.

Deliverable 2: Determine the best methods to train users on the BioSense Platform based on the evaluation of needs. Report the number of users trained for use of the BioSense ESSENCE and/or back end analysis.

Training Needs:

*Suggestion from
Exploratory Analysis
Subgroup:*

- *ILI Use Case in training
for ESSENCE*

ESC In-Person Meeting

- Hands On Training?

11/09/2016

Adminer ???

Access?

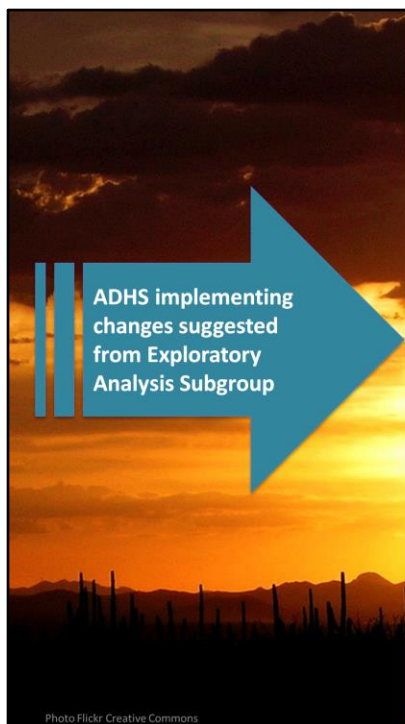
- Front End
- Back End

Photo Flickr Creative Commons Kati Pitts Chalkboard

Charter 2016-2017

Objective 3: Assist ADHS and local health department users adapt to the NSSP transition. Continue to develop new and advance existing use cases which will include maintaining updates for current protocols.

Deliverable 3: Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.



ADHS implementing changes suggested from Exploratory Analysis Subgroup

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The figures and tables in this report summarize the number of emergency department and inpatient hospital visits for individuals experiencing heat-related illnesses (HRI) according to Arizona BioSense data. Included are daily maximum and minimum temperatures as well as selected demographics and risk factors.

All BioSense surveillance data is assumed to be preliminary and may not reflect the true number of emergency room and hospital visits. Events may increase or decrease as additional data are received.

Figure 1. Frequency of Maricopa County HRI cases identified during the 2016 heat season with maximum and minimum daily temperatures; Temperature data source: National Weather Service (2016)

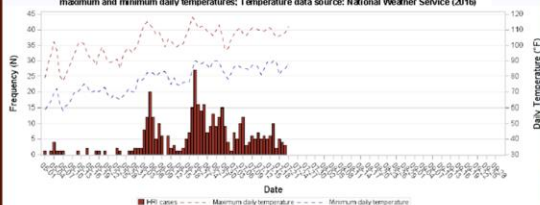


Figure 2. Frequency of Maricopa County HRI cases identified during July 2016 heat season with temperatures

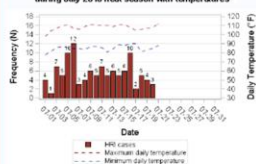


Table 1. Daily summary of HRI cases and temperatures for the two weeks preceding 07-25-2016

Date	Maximum	Minimum	Cases
Tuesday, July 12, 2016	110	81	5
Wednesday, July 13, 2016	109	85	6
Thursday, July 14, 2016	111	89	5
Friday, July 15, 2016	111	89	6
Saturday, July 16, 2016	108	90	10
Sunday, July 17, 2016	105	90	2
Monday, July 18, 2016	106	81	5
Tuesday, July 19, 2016	107	84	4
Wednesday, July 20, 2016	108	85	3
Thursday, July 21, 2016	112	88	-
Friday, July 22, 2016	-	-	-
Saturday, July 23, 2016	-	-	-
Sunday, July 24, 2016	-	-	-
Monday, July 25, 2016	-	-	-

DRAFT, This report was produced on 07-25-2016



CSTE Climate Change Subcommittee



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<http://www.cste.org/members/group.aspx?id=87587>

Upcoming Meetings

Exploratory
Analysis Subgroup



Exploratory
Analysis Subgroup

- Thurs. Oct. 27
from 1:00 – 2:00

- Tues. Nov. 22
from 1:00 – 2:00



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THANK YOU

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