

Exploratory Analysis Subgroup of the Arizona BioSense Work Group

May 26, 2016



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Objectives

- Welcome and Attendance
- Exploratory Analysis Subgroup Project
 - Heat-Related Illness
 - HRI Syndromic Surveillance project
 - Updates
 - » Medical Abstraction
 - » R Code
 - » Pulling Weather Data
- Arboviral Syndromic Surveillance
 - COPA Tournament
- Check the ISDS Community Forum for Updates
 - Heat Related Illness Project
- Next Meetings
- Questions and Discussions



Heat-Related Illness Syndromic Surveillance Project

- Updates
 - Medical Abstraction Subgroup
 - R Code-ADHS
 - Pulling Weather Data/ADHS



Update: Heat Related Illness (HRI) Medical Record Abstraction Workgroup

Exploratory Analysis Subgroup Meeting , May 26 2016

Purpose : facilitate statewide collaboration to understand and prevent HRI



- The specific goal of this workgroup is to develop guidelines and tools for enhanced surveillance of HRI in the State of Arizona.
 - Objective: Create standardized data collection methods and formats that fit needs of all users, that are easy to use, are adaptable for a broad spectrum of data sources, and that allow for novel, sound public health science

Guiding principles



- Accurate determination of **circumstance** of heat exposure
- When possible, define circumstantial details such as location and decision structure
- When available, identify medications, concurrent substance use, mental health status
- Collect any other details that are useful for defining prevention opportunities and informing prevention strategies

Discussion Points



- **Data sources**
 - BioSense (front and back)
 - Medical Records
 - Hospital Discharge Data (HDD)
 - Other data sources?
- **Creating abstraction form**
 - User friendly, easy to complete, and provides relevant information
 - Abstraction form variables (based on Pima County variables)
 - MC created a draft form in Qualtrics
 - Protocol
- **What type data entry System/Software?**
 - Qualtrics (preferred)
 - EpiInfo
- **Should we have a central location for the HRI data set?**
 - ADHS
 - MC for Qualtrics
 - Each county keeps their own databases
- **Schedule for record retrieval and review**
 - Varies from county to county (depends on workload)
- **Training**
 - Once tools are finalized, training will be offered

Progress



- Finalizing variables
- Defining sources of data and key information
- Distinguishing electronic versus manual variables, also with hierarchies, as needed
- Draft documents for distribution expected by early June



Arboviral Syndromic Surveillance

- COPA Tournament



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Check the ISDS Community Forum for Updates

– Heat Related Illness Project



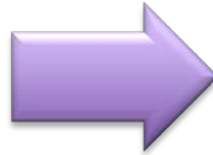
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Upcoming Meetings

Arizona BioSense Workgroup

- Tues. June.07
from 1:00 – 2:00



Exploratory Analysis Subgroup

- Thurs. June. 23
from 1:00 – 2:00



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THANK YOU

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