

Exploratory Analysis Subgroup

of the Arizona BioSense Workgroup

March 23, 2017



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Objectives

- Welcome and Attendance
- Heat Related Illness Project Updates
 - New Weather Stations Updated in ESSENCE
 - Matt Roach, ADHS
- Running Queries in ESSENCE
 - Is this what I should do? How do I know?
 - Advance Query vs Regular Query
 - Shared Lessons Learned from Maricopa County and NSSP
 - CSTE Heat Syndrome Definition
- Community of Practice Update
 - New SyndromesDefinition Workgroup!!!!!!!!!!!!
 - Co-Chair Rasneet Kumar, Maricopa County
 - It's Finally Here!!!
 - New ISDS Website and Knowledge Repository is available to the Syndromic Surveillance Community of Practice
- Region 9 Data Sharing Workgroup
 - Drug Related Overdose Syndrome, focus on Opioid Surveillance
 - How are things going?
- Questions and Open Discussion
- Next Meetings



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Heat Related Illness Syndromic Surveillance Project Updates

- Matt Roach, ADHS
 - New Weather Stations Updated in Essence
 - Collaboration between ADHS, CDC's NSSP team and Climate and Health Program

Heat Related Illness Syndromic Surveillance Weather Stations

Secure | https://essence.syndromicsurveillance.org/mssp_essence/servelet/DataQueryWizardServlet

Apps Kelly Services Flickr Creative Commons MU Portal Extracts MU Portal QA RStudio Sign In Meaningful Use Stage ASHTO BioSense Shop Adobe BioSense 2.0 Login BioSense Platform-Ai iLinc

ESSENCE - NSSP
Data Query

Home Alert List myAlerts myESSENCE Event List Overview Portal Query Portal Stat Table Map Portal Bookmarks Query Manager Data Quality Report Manager More

Query Wizard

Datasource: Weather Data Time Resolution: Daily Detector: Regression/EVMA 1.2 As Percent Query: No Percentage Query Start Date: 23Dec16 End Date: 23Mar17

Available Query Fields

- Weather Data
 - Weather Station
 - Time Aggregation Function
 - Station Aggregation Function
 - Weather Factor

Weather Station

Select values for Weather Station:

- AKRON CANTON
- ALEXANDRIA
- ALPENA
- Alpena-Capitals Municipal
- ALTOONA
- ANIGLETON/LAKE JACKS
- APPLETON
- Arkadelphia Airport
- ARLINGTON
- Artesia

Selected Query Fields

- Time Aggregation Function: Max
- Station Aggregation Function: Max
- Weather Factor: Maximum Temperature

Table Builder Time Series Data Details Graph Builder Overview Adv Qry Reset

NEW Weather Stations in ESSENCE 03-20-2017				
id	stationID	stationName	state	displayName
232	fgz-FLG	FLAGSTAFF AZ AIRPORT	AZ	FLAGSTAFF AZ AIRPORT
255	fgz-GCN	GRAND CANYON AZ AIRPORT	AZ	GRAND CANYON AZ AIRPORT
349	fgz-INW	WINSLOW AZ AIRPORT	AZ	WINSLOW AZ AIRPORT
573	fgz-PGA	PAGE AZ AIRPORT	AZ	PAGE AZ AIRPORT
597	fgz-PRC	PRESCOTT AZ AIRPORT	AZ	PRESCOTT AZ AIRPORT
638	fgz-RQE	WINDOW ROCK AZ AIRPORT	AZ	WINDOW ROCK AZ AIRPORT
679	fgz-SJN	SAINT JOHNS AZ AIRPORT	AZ	SAINT JOHNS AZ AIRPORT
187	psr-DVT	DEER VLY/PHOENIX	AZ	DEER VLY/PHOENIX
523	psr-NYL	YUMA	AZ	YUMA
580	psr-PHX	PHOENIX	AZ	PHOENIX
662	psr-SDL	SCOTTSDALE	AZ	SCOTTSDALE
183	twc-DUG	DOUGLAS	AZ	DOUGLAS
537	twc-OLS	NOGALES AZ AIRPORT	AZ	NOGALES AZ AIRPORT
650	twc-SAD	SAFFORD AZ AIRPORT	AZ	SAFFORD AZ AIRPORT
739	twc-TUS	TUCSON	AZ	TUCSON
339	vef-IGM	KINGMAN	AZ	KINGMAN

Running Queries in ESSENCE

- Is this what I should do? How do I know?
 - Advance Query vs Regular Query

Running Queries in ESSENCE

- Shared lessons learned from Maricopa County and NSSP
 - CSTE Heat Syndrome Definition
 - Opioid Syndrome

Free Text Queries in ESSENCE CC and DD

Secure | https://essence.syndromicsurveillance.org/hssp_essence/serve/DataQueryWizardServlet

Apps | Kelly Services | Flickr: Creative Commons | MU Portal Extracts | MU Portal QA | RStudio Sign In | Meaningful Use Stage | ASHTO BioSense Share | Adobe | BioSense 2.0 | Login | BioSense Platform-A | iLinc

ESSENCE - HSSP
Data Query

Home | Alert List | myAlerts | myESSENCE | Event List | Overview Portal | Query Portal | Stat Table | Map Portal | Bookmarks | Query Manager | Data Quality | Report Manager | More

Query Wizard

Data Source: Patient Location (Full Details) | Time Resolution: Daily | Detector: Regression/EWMA 1.2 | As Percent Query: No Percentage Query | Start Date: 23Dec16 | End Date: 23Mar17

Available Query Fields

- Age Range
- Sex
- Race
- Ethnicity
- Patient Class
- Disposition Category
- Discharge Diagnosis
- ICD10 Discharge Diagnosis
- Diagnosis Type
- CC and DD Category
- Syndrome Free Text
- Subsyndrome Free Text
- Facility Type
- CC and DD

CC and DD

Enter value(s) for CC and DD...

Select Help

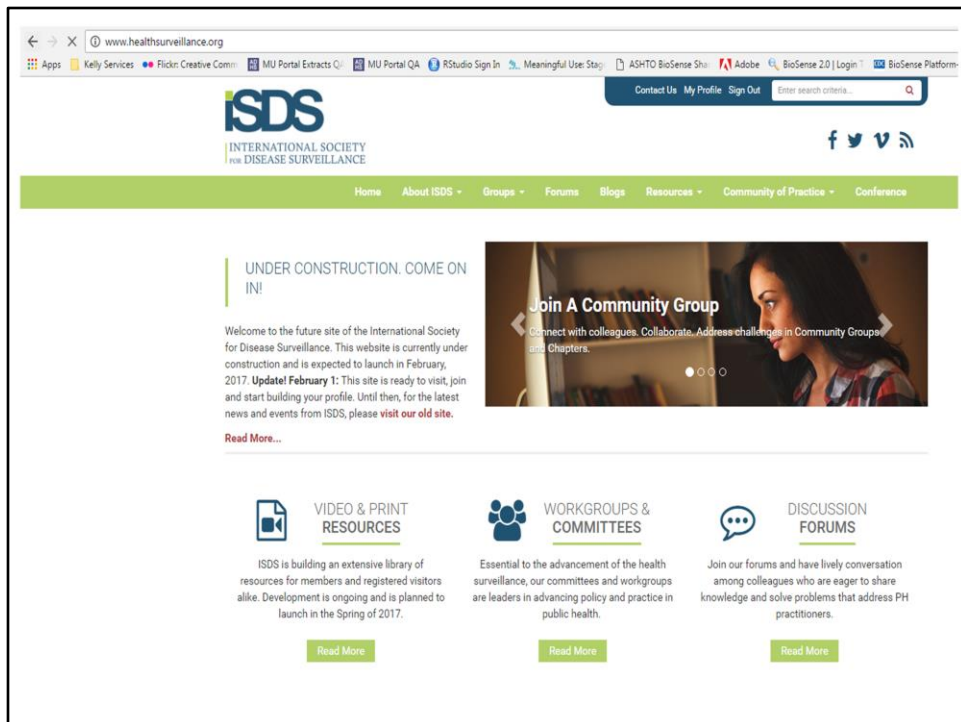
Selected Query Fields

- Geography System
 - Region
- Site
 - Arizona
- Medical Grouping System
 - ESSENCEsyndromes

Table Builder | Time Series | Data Details | Graph Builder | Overview | Adv Qry | Reset



<http://www.healthsurveillance.org/group/SYNDEF>



ISDS new website! Make sure you sign up to become a guest member (unless you are already an ISDS member) and create your profile.

ISDS website: <http://www.healthsurveillance.org/>

The screenshot shows the ISDS (International Society for Disease Surveillance) website. The main navigation bar includes links for Home, About ISDS, Groups, Forums, Blogs, Resources, Community of Practice, and Conference. The page title is "Chapters: Arizona BioSense Group". Below the title, there are links for Group Pages, Directory & Features, and Options. A "Group Admin Options" link is also present. The main content area welcomes members of the Arizona BioSense Workgroup and Exploratory Analysis Subgroup, stating the mission to build capacity and quality of BioSense syndromic surveillance in Arizona. It mentions the group's vision to improve population health and emergency response through the use of timely and effective syndromic surveillance. A "Group Feed" section shows two recent posts: "Rasneet Kumar joined the group Chapters: Arizona BioSense Group. Posted Tuesday, March 21, 2017" and "BIN FANG joined the group Chapters: Arizona BioSense Group. Posted Monday, March 13, 2017". On the right side, there is a "My Profile" section with links for Profile Home, Manage Profile, Create Resume/CV, Groups, Networks, Files & Links, Favorites, Messages, Connections, and Refer a Friend. Below this is a "Latest News" section with a link to "more" and a "Calendar" section with a link to "more".

AZ BioSense Group is listed as a chapter on the new ISDS website. You must create a profile on the new ISDS website to join this group. ADHS will approve members of the Arizona BioSense Workgroup and Exploratory Analysis Subgroup. Contact syndromicsurveillance@azdhs.gov if you need assistance. Additional guidance will be sent out to join this group in the future.

AZ BioSense Group Chapter: <http://www.healthsurveillance.org/group/AZBG>

Secure | <https://www.surveillancerepository.org/search>

Apps Kelly Services Flickr: Creative Comm MU Portal Extracts Q MU Portal QA RStudio Sign In Meaningful Use: Staj ASHTO BioSense Sha Adobe BioSense 2.0 | Login BioSense P

ISDS
INTERNATIONAL SOCIETY
FOR DISEASE SURVEILLANCE

Contact Us Sign In Register

Home Search About ISDS Community of Practice

Welcome to the Surveillance Knowledge Repository

Click on a topic under the Key Topic Areas section in the left column, then select an article from the list of articles that appear for that topic. You may also search for specific topics by entering one or more keywords in the Search bar. You can filter the search results by Content Type, Year, or Author Name. Because this beta version of the Knowledge Repository is still under development, search results will be limited.

Enter search criteria... Clear

Key Topic Areas

- Data Analytics (11)
- BioSense (10)
- Data Sharing (9)
- Standards (9)
- Emergency Preparedness (4)
- Infectious Disease (4)
- Introduction to Syndromic Surveillance (4)
- One Health Surveillance (4)
- Chronic Disease and Injury (3)
- Meaningful Use (3)
- Electronic Health Records (2)
- ESSENCE (2)
- General - ISDS (2)
- Environmental Health (1)
- Syndromes (1)

HL7 Version 2.5.1 PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care and Inpatient Settings, Release 2.0, NIST Clarifications and Validation Guidelines, Version 1.5 (July 2016) ★

This document lists conformance testing issues and associated policies derived by NIST, in collaboration with the CDC, based on a review of the HL7 Version 2.5.1 PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings, Release 2.0. Read more

PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings, Release 2.0, Erratum (August 2016) ★

This addendum consolidates the Centers for Disease Control and Prevention's (CDC's) PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings (Release 2.0) (PHIN MG) information and clarifies existing conformance requirements. Read more

PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings, Release 2.0 (April 2015) ★

This document represents the collaborative effort of the International Society for Disease Surveillance (ISDS), the Centers for Disease Control and Prevention (CDC), and National Institute of Standards and Technology (NIST) to specify a national electronic messaging standard that enables. Read more

Surveillance Knowledge Repository: <https://www.surveillancerepository.org/search>
 Note: Use your same email address that you use for the new ISDS website to register your account for the Surveillance Knowledge Repository.

Print Page

Contact Us

Report Abuse

Enter search criteria...

My Profile

Sign Out

ISDS

INTERNATIONAL SOCIETY
FOR DISEASE SURVEILLANCE

f

t

v

📡

Home

About ISDS

Groups

Forums

Blogs

Resources

Community of Practice

Conference

Surveillance Community of Practice Call

Tell a Friend

Events in Series

A newly-formed, monthly NSSP-CoP conference call open to anyone interested in issues relating to the BioSense Platform, Meaningful Use and public health practice. The purpose of this call is to bring together various stakeholders with a vested interest in this field and spark collaborative efforts to share guidance, resources, and technical assistance. The call was created by merging the BUG, Meaningful Use and Public Health Practice community calls.

3/28/2017

When:

Tuesday, February 28, 2017
3:00 PM

Where:

Go To Webinar registration: <https://attendee.gotowebinar.com/rt/2168546273482898690>
United States

Contact:

Emilie Lamb
elamb@syndromic.org

ISDS Surveillance Community of Practice Call on **03/28/2017@3-4:30pm ET**:
<https://attendee.gotowebinar.com/rt/2168546273482898690>
 ISDS Upcoming Events: http://www.healthsurveillance.org/events/event_list.asp

13

The screenshot shows the ISDS (International Society for Disease Surveillance) website. The main navigation bar includes links for Home, About ISDS, Groups, Forums, Blogs, Resources, Community of Practice, and Conference. The page title is "Workgroups: Syndrome Definition Workgroup". Below the title, there is a breadcrumb trail: "Groups > Surveillance Community of Practice > Data Quality Committee > Syndrome Definition Workgroup". A "Group Feed" section on the left contains a text input field with the placeholder "Write something..." and a "Post" button. Below this, there are several announcements of new members joining the group, including Krystal S. Collier, Rasneet Kumar, Peter Rock, Jessica R. White, and Aaron Kite-Powell, with their respective join dates. On the right side, there is a "My Profile" section with links to Profile Home, Manage Profile, Create Resume/CV, Groups, Networks, Files & Links, Favorites, Messages, Connections, and Refer a Friend. Below this is a "Latest News" section with a "more" link, showing a news item from 3/15/2017 about the NSSP-CoP Steering Committee. At the bottom, there is a "Calendar" section with a "more" link, showing events for 3/28/2017 and 3/30/2017.

You can join other workgroups on the ISDS website as well. For example if you want to work with Rasneet and collaborate with other jurisdictions on syndrome definitions, join the Syndrome Definition Workgroup.

Syndrome Definition Workgroup: <http://www.healthsurveillance.org/group/SYNDEF>

Region 9 Data Sharing Workgroup

- Drug-Related Overdose Syndrome
 - Focus on Opioid overdoses
- How are things going?
 - Jessica White, Maricopa County
 - Chair of Workgroup

The screenshot shows the ISDS (International Society for Disease Surveillance) website. The main content area is titled 'Chapters: Region 9 Data Sharing Group'. Below the title, there is a description of the group, which is an official HHS Region 9 Data Sharing Workgroup site. The description mentions that the site contains restricted information and is for workgroup member access only. It also lists the group administrators: Catherine Tong and Jessica R. White. On the right side of the page, there is a 'My Profile' section with links to 'Profile Home', 'Manage Profile', 'Create Resume/CV', 'Groups', 'Networks', 'Files & Links', 'Favorites', 'Messages', 'Connections', and 'Refer a Friend'. Below this is a 'Latest News' section with a date of 3/15/2017 and a link to 'NSSP-CoP Steering Committee: Call for Nominations!'. At the bottom, there is a 'Calendar' section with dates 3/28/2017 and 3/30/2017, and links to 'Surveillance Community of Practice Call' and 'One Health Surveillance Workgroup Meeting'.

Region 9 Data Sharing Workgroup is listed as a chapter on the new ISDS website. You must create a profile on the new ISDS website to join this group. Contact Jessica White (JessicaWhite@mail.maricopa.gov) or Cat Tong (ctong@syndromic.org) if you need assistance.

Region 9 Data Sharing Workgroup Chapter:

<http://www.healthsurveillance.org/group/dsg9>



The Syndromic Surveillance Community of Practice Portal is operated by the CDC's National Syndromic Surveillance Program. It is intended to be the one stop shop to find resources from NSSP, ISDS (ISDS website and Knowledge Repository), and jurisdictions within the Community of Practice.

Syndromic Surveillance Community of Practice Portal:

<https://www.syndromicsurveillance.org/>

Upcoming Meetings

Arizona BioSense
Workgroup



Exploratory
Analysis Subgroup

- Tues. April. 04
from 1:00 – 2:00

- Thurs. April. 27
from 1:00 – 2:00



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

THANK YOU

syndromicsurveillance@azdhs.gov | 602-542-6002

azhealth.gov

 @azdhs

 facebook.com/azdhs



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans