

Exploratory Analysis Subgroup/AZ BioSense Opioid Workgroup

December 17, 2020



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Agenda

- Welcome and Attendance
- Onboarding Update
 - New Hospitals
- [Basecamp](#)
 - AZ Shared Collaborative Space
 - Monthly [Automatic Check-in](#) Questions
 - Have you added your updates?
 - NSSP requesting COVID-19 stories of syndromic surveillance in action for decisions and policies
- NSSP CoP [SPHERR](#) Call Highlights for COVID-[Bill Smith](#), Maricopa County
- Department of Public Health
- 2020 Heat Season Recap-[Laura Fox](#), Arizona Department of Health Services

Agenda

- Data Sharing:
 - OD2A
 - CDC DOSE Website Count and Rate Visualizations coming soon
 - CDC Bacterial Diseases Branch, Division of Vector-Borne Diseases
 - Tick Bite Syndromic Surveillance dashboard-Public Website
- ESSENCE Concepts
 - [Adverse Events Protocol](#)-[Ed Valisnski](#), Arizona Department of Health Services
 - New CCDD Categories
 - CDC Vaccine-Associated Adverse Events v1
 - ILI Syndrome Neg Coronavirus DD v1
 - ILI CCDD Neg Coronavirus DD v1
 - More
- Discussion/Open Mic
- Upcoming Meetings

Onboarding Updates

- Hospitals
 - Wickenburg Community Hospital 11/04/2020
 - Mt. Graham Regional Medical Center 11/17/2020
 - Mayo Clinic Hospital 11/19/2020

Syndromic Surveillance Symposium 2020

★ Congrats and Thank You ★
Viacony, Sasha, and Sara!!

The Council of State and Territorial Epidemiologists (CSTE), in collaboration with the Centers for Disease Control and Prevention's (CDC) National Syndromic Surveillance Program (NSSP), will virtually convene the **2020 Syndromic Surveillance Symposium** from **November 17-19, 2020**. Mark your calendar for the following dates and times:

Tuesday, November 17, 2020 – 1:00-5:00pm ET

Wednesday, November 18, 2020 – 1:00-5:00pm ET

Thursday, November 19, 2020 – 1:00-5:00pm ET

Registration for the 2020 Syndromic Surveillance Symposium is open NOW through **Monday, November 9, 2020 (EOD)** –

register [HERE](https://cste.co1.qualtrics.com/jfe/form/SV_2tOcVM15yIkZgIR):https://cste.co1.qualtrics.com/jfe/form/SV_2tOcVM15yIkZgIR. See attached for the event flyer.

CSTE is partnering with Kahuina Consulting to help provide an engaging and interactive virtual forum for the syndromic surveillance community to exchange experiences, share best practices, and take away innovative solutions and strategies for advancing syndromic surveillance practice. Attendees will have opportunities to learn new skills from technical experts, from the basics to latest analytical techniques. There will also be a forum to discuss the future of the NSSP Community of Practice and increasing syndromic surveillance capacity at the state, local, and nation levels. The Planning Committee is working diligently to identify quality content and ways to facilitate virtual

networking with colleagues over the three (3) consecutive afternoons.

NSSP CoP Slack Channel

Announcement + Registration for NSSP Community of Practice Slack Workspace 

Tue, Oct 6, 2:23 PM   



Hayleigh McCall

To: Syndromic, Alysa, Deborah, Loren, Wayne.Loschen@hhspl.edu, Kathleen, Aaron, Matt



Sent to NSSP Community of Practice (CoP) Members

Greetings NSSP CoP members,

The Council of State and Territorial Epidemiologists (CSTE), which facilitates the NSSP Community of Practice (NSSP CoP), now supports and moderates the new **NSSP CoP Slack Workspace**. This new Slack workspace is a communication tool and collaboration platform for advancing syndromic surveillance practice. Use it to easily share information with peers, plan projects, and accelerate data analyses. Reap the benefits of collectively working with health scientists at CDC, other federal agencies, and with state, territorial, local, and tribal (STLT) public health departments—all using *NSSP's BioSense Platform*!

If you need quick access to syndromic surveillance experts and are affiliated with a federal agency or STLT health department as a full-time employee (FTE) or contractor, the NSSP CoP Slack Channel is designed for YOU. The NSSP CoP Slack Channel is not designed for public use. To join, please submit your request [here](#).

Starting October 20, 2020, CDC's NSSP staff will no longer participate in the Health Surveillance Slack. Look for new NSSP-related channels on the **NSSP CoP Slack Workspace** beginning October 20, 2020.

If you have questions about the NSSP CoP, its highly collaborative user groups, the NSSP CoP Slack Workspace, or syndromic surveillance, please email syndromic@cste.org.

Thanks,

Hayleigh McCall, MPH
Program Analyst III



Council of State and Territorial Epidemiologists

"Using the power of epidemiology to improve the public's health"

CSTE.org • [Memberlist](#) • [Facebook](#) • [Twitter](#) • [Instagram](#)

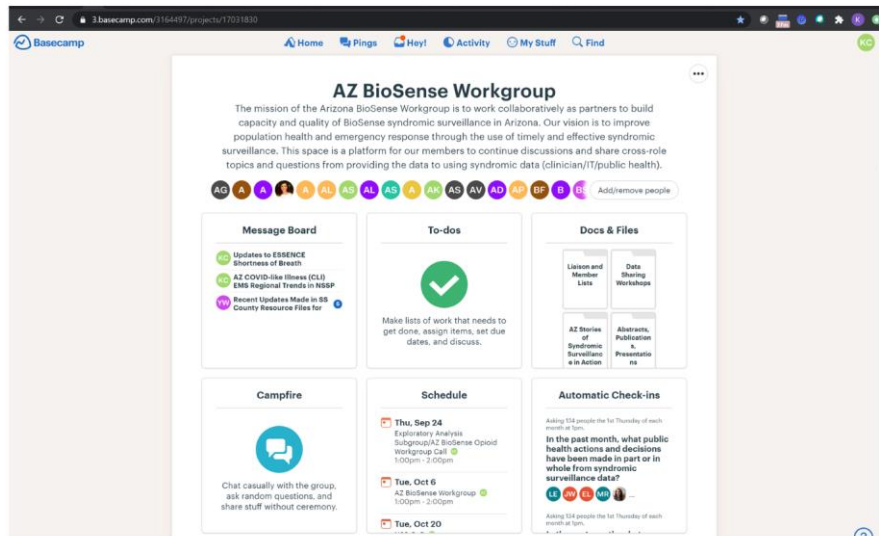
2635 Century Parkway NE, Suite 700, Atlanta, GA 30345

Tel: 770.458.3811 | Fax: 770.458.8516

To join, please submit your request [here](#):

https://cste.co1.qualtrics.com/jfe/form/SV_721loa5BmlANKS1

Basecamp



Basecamp: <https://3.basecamp.com/3164497/projects/17031830>

Basecamp

Asking 132 people the 1st Thursday of each month at 1pm.

In the past month, what public health actions and decisions have been made in part or in whole from syndromic surveillance data?



Basecamp: <https://3.basecamp.com/3164497/projects/17031830>

Basecamp

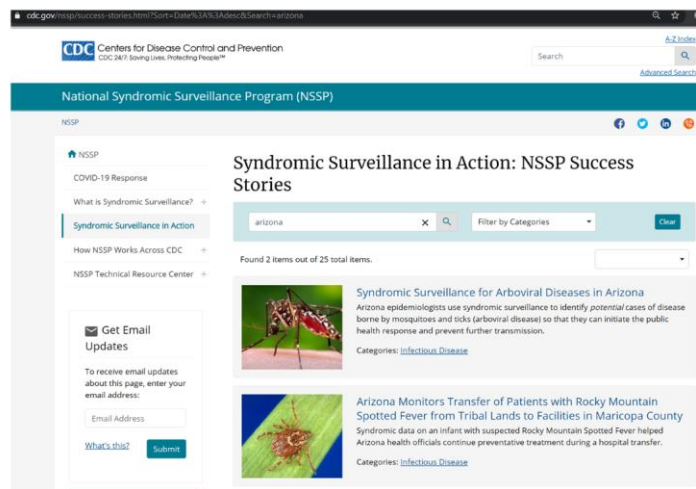
Asking 131 people the 1st Thursday of each month at 1pm.

In the past month, what data/information use and sharing actions for overdose related events (i.e. opioid) have you used your syndromic data for?



Basecamp: <https://3.basecamp.com/3164497/projects/17031830>

NSSP Request for Stories of Syndromic Surveillance in Action



NSSP Stories of Syndromic Surveillance in Action: <https://www.cdc.gov/nssp/success-stories.html?Sort=Date%3A%3Adesc&Search=arizona>

Highlights

- NSSP CoP [SPHERR](#) Call Highlights for COVID-[Bill Smith](#), Maricopa County Department of Public Health

Presentation

- 2020 Heat Season Recap-[Laura Fox](#), Arizona Department of Health Services

Data Sharing OD2A

- CDC DOSE Website Count and Rate Visualizations coming soon
- New CCDD Categories based on new ICD10-CM codes

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for Coronavirus.

Data Sharing Vector-Borne

- CDC Bacterial Diseases Branch, Division of Vector-Borne Diseases
 - Tick Bite Syndromic Surveillance dashboard-Public Website

ESSENCE Concepts

New CCDD Categories

- CDC Vaccine-Associated Adverse Events v1
- ILI Syndrome Neg Coronavirus DD v1
- ILI CCDD Neg Coronavirus DD v1
- Change in Taste or Smell v1
- CDC All Drug v2
- CDC Opioid Overdose v3

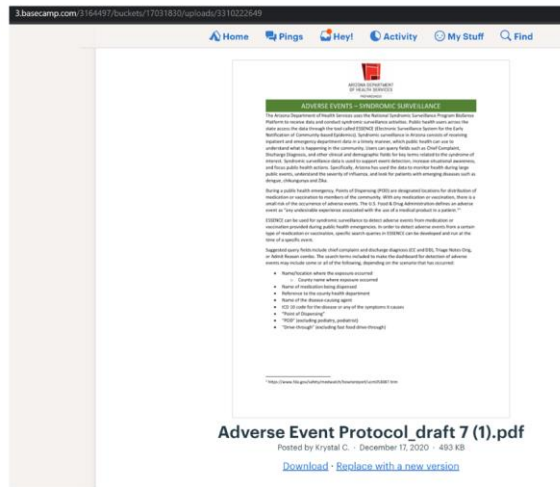
Contact Syndromicsurveillance@azdhs.gov for more information.

- Request training if you aren't sure how to set up a particular query.

ESSENCE Concepts

- [Adverse Events Protocol](#)
 - [Ed Valisnski](#), Arizona Department of Health Services

ESSENCE Concepts Adverse Events Protocol

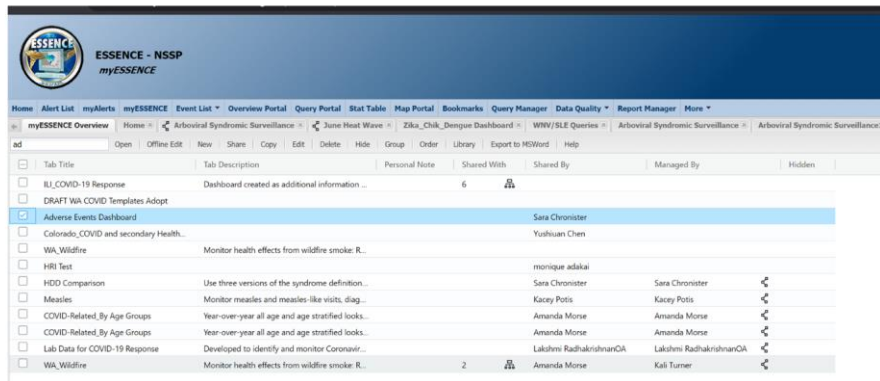


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ESSENCE Concepts

Adverse Events Protocol



The screenshot shows the ESSENCE - NSSP myESSENCE interface. The top navigation bar includes links for Home, Alert List, myAlerts, myESSENCE, Event List, Overview Portal, Query Portal, Stat Table, Map Portal, Bookmarks, Query Manager, Data Quality, Report Manager, and More. Below the navigation bar, there is a search bar and a list of tabs. The 'Adverse Events Dashboard' tab is selected. The main content area displays a table of adverse events with columns for Tab Title, Tab Description, Personal Note, Shared With, Shared By, Managed By, and Hidden. The table lists several events, including 'Adverse Events Dashboard', 'Colorado, COVID and secondary Health...', 'WA_Wildfire', 'HRI Test', 'HDD Comparison', 'Measles', 'COVID-Related, By Age Groups', 'COVID-Related, By Age Groups', 'Lab Data for COVID-19 Response', and 'WA_Wildfire'.

Tab Title	Tab Description	Personal Note	Shared With	Shared By	Managed By	Hidden
☐ BJ_COVID-19 Response	Dashboard created as additional information ...		6			
☐ DRAFT WA COVID Templates Adopt						
☒ Adverse Events Dashboard				Sara Chronister		
☐ Colorado, COVID and secondary Health...				Yushuan Chen		
☐ WA_Wildfire	Monitor health effects from wildfire smoke R...			monique adakai		
☐ HRI Test				Sara Chronister	Sara Chronister	
☐ HDD Comparison	Use three versions of the syndrome definition...			Kacey Potts	Kacey Potts	
☐ Measles	Monitor measles and measles-like visits, diag...			Amanda Morse	Amanda Morse	
☐ COVID-Related, By Age Groups	Year-over-year all age and age stratified looks...			Amanda Morse	Amanda Morse	
☐ COVID-Related, By Age Groups	Year-over-year all age and age stratified looks...			Lakshmi RadhakrishnanQA	Lakshmi RadhakrishnanQA	
☐ Lab Data for COVID-19 Response	Developed to identify and monitor Coronavir...			Amanda Morse	Kali Turner	
☐ WA_Wildfire	Monitor health effects from wildfire smoke R...		2			

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ESSENCE Concepts

New CCDD Categories

CC and DD Categories

CC and DD Categories

Search

Category	Definition	Description	Date Creat...
CDC Pregnancy and Pregnancy Lo...	Search the CCDD Category field: ("preg" and not ("pregnancy [1-9]" AND...	CDC staff were interested in understanding new uses for syndromic surveill...	2020-06-05
Fever and Cough-Sob-Diff#r neg v2	Search SubSyndrome Free Text: ("FeverorChills" and ("Cough" or "Diff...	Description to be added	2020-08-28
Fever and Cough-Sob-Diff#r neg v1	Search SubSyndrome Free Text: ("FeverorChills" and ("Cough" or "Diff...	Description to be added	2020-08-28
CU CC with CU DD and Coronaviru...	Search the CCDD Category field and Also apply to Discharge Diagnosis: "F...	This query was created to allow patients to meet the Corona-like illness def...	2020-08-28
CDC Synthetic Cannabinoids v1	Search CC and DD field: "k2" or "k2" or "K2" or "k2wp" or "k2wa"...	Description to be added	2020-09-23
CDC Firearm Injury v2	Search CC and DD field: ("I/ [W323]" and not ("I/ [W323]..." [D5]" or "I/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-15
CDC Assault Firearm Injury v1	Search CC and DD field: ("I/ [W323]" and not ("I/ [W323]..." [D5]" or "I/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-15
CDC Intentional Firearm Injury v1	Search CC and DD field: ("I/ [W323]" and not ("I/ [W323]..." [D5]" or "I/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-15
CDC Unintentional Firearm Injury v1	Search CC and DD field: ("I/ [W323]" and not ("I/ [W323]..." [D5]" or "I/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-15
CDC Opioid Overdose v3	Search CC and DD field: ("narcan" or "naloxon" or "I/ [T40] [B12346] [X012...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-23
CDC All Drug v2	Search CC and DD field: ("I/ [295121001/I]" or "I/ [295597003/I]" or "I/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-23
Change in Taste or Smell v1	Search CC and DD field: ("taste" or "smell" and ("lost" or "lost" or "cant...	Description to be added	2020-11-04
IJI Syndrome Neg Coronavirus DD...	Select Syndrome: IJI and Search CCDD Category Free Text Field: ISNULL or ^...	Description to be added	2020-12-04
IJI CCDD Neg Coronavirus DD v1	Search CCDD Category Free Text Field: "IJI CCDD v1" AND NOT "CDC Cor...	Description to be added	2020-12-04
DoD COVID-Like Illness v1	DoD Datasource Only -- Search DischargeDiagnosis field: "B34.2" or "B97...	Description to be added	2020-12-09
CDC Vaccine-Associated Adverse E...	Search CC field and also apply to DD field: ("vaccin" or "immuniz" or ("...	The purpose of this query is to identify adverse events following vaccination...	2020-12-10

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ESSENCE Concepts



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ESSENCE Concepts

The screenshot shows a web-based form titled "ILI CCDD Neg Coronavirus DD v1". The form contains the following fields:

- Category:** ILI CCDD Neg Coronavirus DD v1
- Definition:** Search CCDD Category Free Text Field: ^ILI CCDD v1^ANDNOT^CDC Coronavirus-DD v1^
- Description:** A large text area with the placeholder text "Description to be added."

At the bottom right of the form, there are two buttons: "Save Description" and "Close".

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ESSENCE Concepts

The screenshot shows a web-based form titled "ILI Syndrome Neg Coronavirus DD v1". The form contains the following fields:

- Category:** ILI Syndrome Neg Coronavirus DD v1
- Definition:** Select Syndrome: ILI and Search CCDD Category Free Text Field: ISNULL,or,^,ANDNOT,^,CDC Coronavirus-DD v1,^
- Description:** Description to be added.

At the bottom right of the form, there are two buttons: "Save Description" and "Close".

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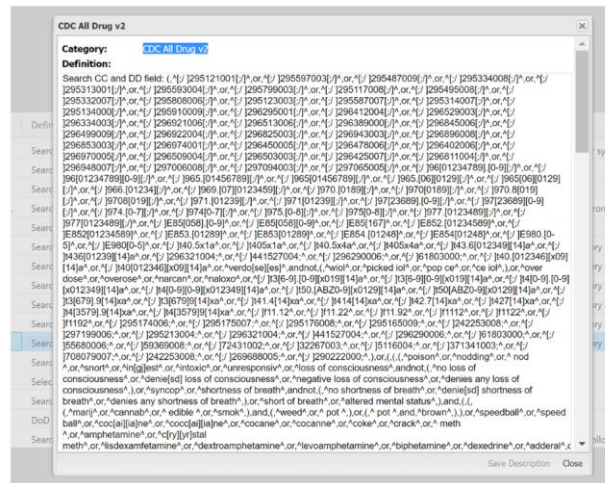
ESSENCE Concepts

Change in Taste or Smell v1	
Category:	Change in Taste or Smell v1
Definition:	Search CC and DD field: ((„taste“ or „smell“), and („lost“ or „lost!“ or „can“ or „cannot“ or „alter“), ANDNOT („Denie[sd] loss“ or „no loss“ or „foul“ or „THCl“ or „Smells“ or „Smelling“ or „Strong smell“), or („Taste“ AND „Smell“), ANDNOT („symptoms change taste or smell“ or „symptoms change of taste or smell“ or „symptoms change taste operating room smell“ or „symptoms change of taste operating room smell“), or „Anomia“ or „Agesia“ or „Hypomia“ or „Hypogeusia“ or „Parosmia“ or „Paragesia“ or „Dysgesia“ or „dysomia of smell“ or „disturbance of taste“ or „Disturbances of smell“ or „disturbances of taste“ or “/ [R43“ or “/ [7811“/ “/ or “/ [7811“/ “/ or “/ [164086009“/ “/ or “/ [44169009“/ “/ or “/ [272028008“/ “/ or “/ [230503008“/ “/ or “/ [708673009“/ “/ or “/ [271801002“/ “/
Description:	Description to be added

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ESSENCE Concepts



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ESSENCE Concepts

[illegible]

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- Request training if you aren't sure how to set up a particular query.

Discussion/Open Mic

- How can we apply the tools and practices developed for COVID-19 to other use cases?
- Would some of this support overdose surveillance activities?
- How can current automated processes reduce burden?

Homework

- What questions do you have about current projects?
- What ideas do you have for future projects?
- What ESSENCE questions or issues have you come across?
- **What other resources can we work on putting together?**

Upcoming AZ Syndromic Meetings

Exploratory Analysis
Subgroup/AZ Opioid
BioSense
Workgroup

Thursday, Jan
28th from
1:00 – 2:00

Arizona BioSense
Workgroup

Tuesday, Feb
9th from
1:00 – 2:00

THANK YOU

syndromicsurveillance@azdhs.gov | 602-542-6002

azhealth.gov

 @azdhs

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