

Exploratory Analysis Subgroup/AZ BioSense Opioid Workgroup

April 29, 2021



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?
- What's New in Slack
 - #general
 - NSSP ESSENCE query for “CDC Vaccine-Associated Adverse Events v1” and outcome-specific queries designed to capture a wide range of blood clotting disorders
 - #covid19
 - Examples shared from AK, KS, Chicago
- New ESSENCE Functionality

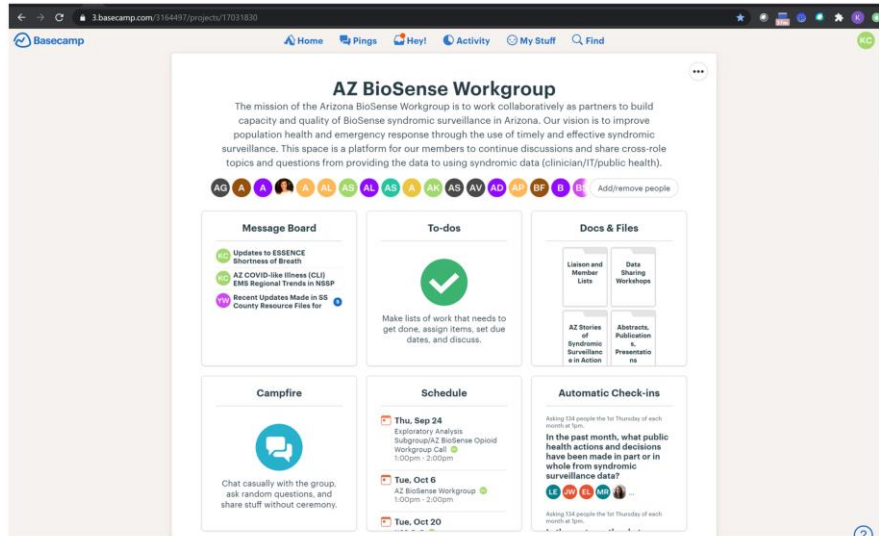
Agenda

- ESSENCE Concepts
 - [ESSENCE YouTube Channel](#)
 - [ESSENCE](#) vs [ESSENCE2](#)
 - Available Query Filters
 - Data Quality Filters
 - [Annotations](#)
 - Discharge Timing
 - [Social Vulnerability Index Filters](#)
 - [NCHS Urban Region-Patient Region](#)
 - [NCHS Urban Region-Facility Region](#)
 - Sorts/Filters/Processing
 - Within Graphs Stratification
 - Across Graph Stratification
 - Multigraphs
 - Micrographs
- Discussion/Open Mic

Onboarding Updates

- Hospitals
 - Testing and Validation
 - Benson Hospital
 - Cobre Valley Regional Medical Center
 - Summit Regional Healthcare Medical Center
 - Tuba City Regional Health Care Corporation
 - Revalidation
 - Banner Health

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 CoP Slack Channel

Announcement + Registration for NSSP Community of Practice Slack Workspace 🔍



Hayleigh McCall

to Syndromic, Alysa, Deborah, Loren, Wayne Loschen@hsuapl.edu, Kathleen, Aaron, Matt ▾

Tue, Oct 6, 2:23 PM



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](https://cste.org) · [Memberships](#) · [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

Emergent Conditions

- Coronavirus Disease 2019 [COVID-19](#)
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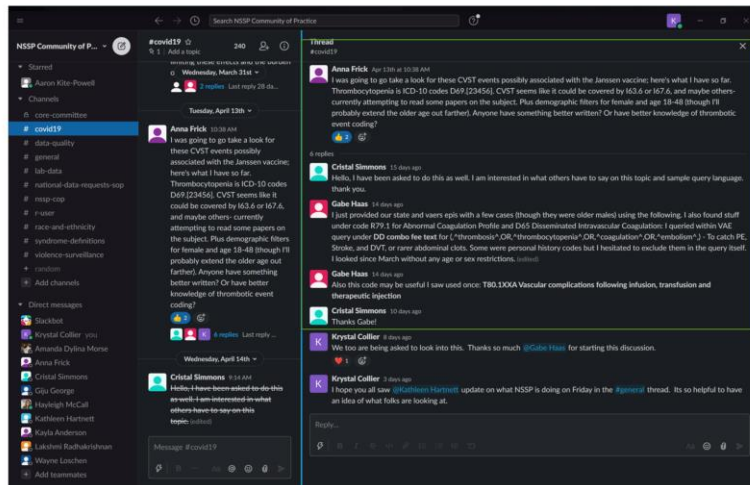
Coronavirus Disease 2019 (COVID-19)

CDC Situation Summary: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/summary.html>

ADHS: <https://www.azdhs.gov/preparedness/epidemiology-disease-control/infectious-disease-epidemiology/index.php#novel-coronavirus-home>

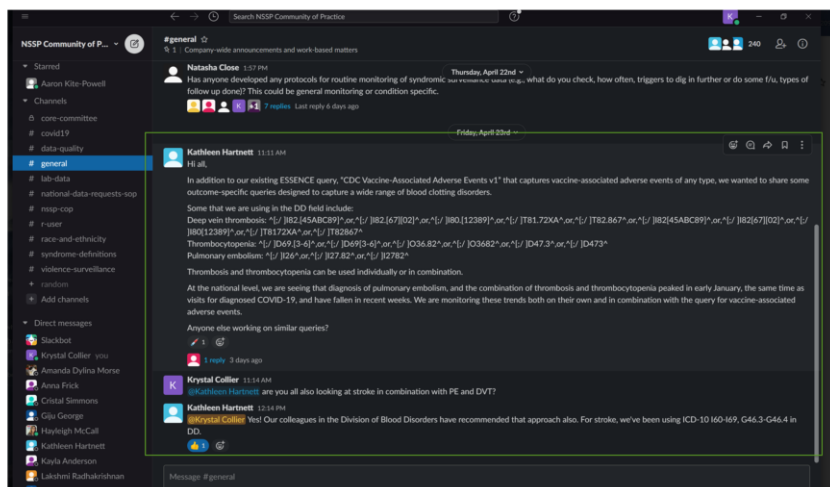
ADHS Data Dashboard: <https://www.azdhs.gov/preparedness/epidemiology-disease-control/infectious-disease-epidemiology/covid-19/dashboards/index.php>

NSSP CoP Slack Channel



To join, please submit your request [here](https://cste.co1.qualtrics.com/jfe/form/SV_721loa5BmlANKS1):
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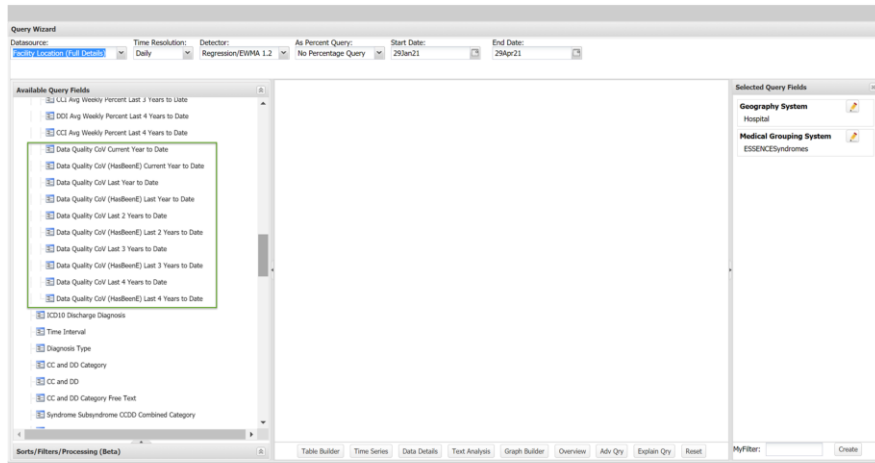
ESSENCE Concepts

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Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

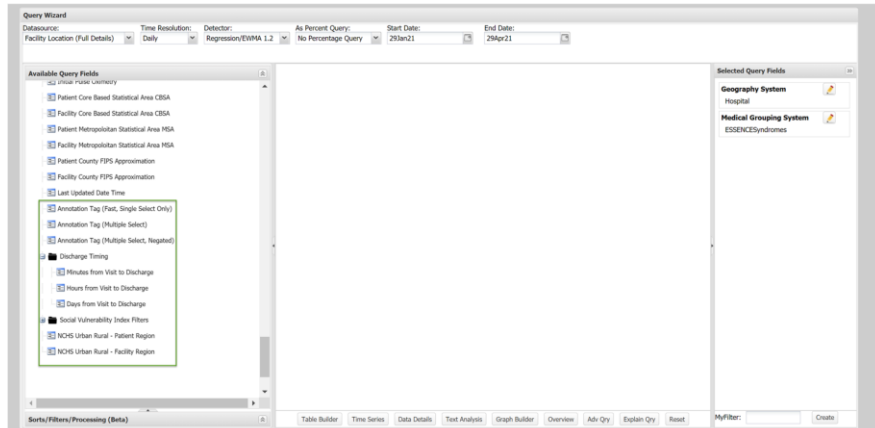


Discharge Diagnosis Informative: <https://www.cdc.gov/nssp/data-quality-corner/discharge-diagnosis.html>

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ESSENCE Concepts

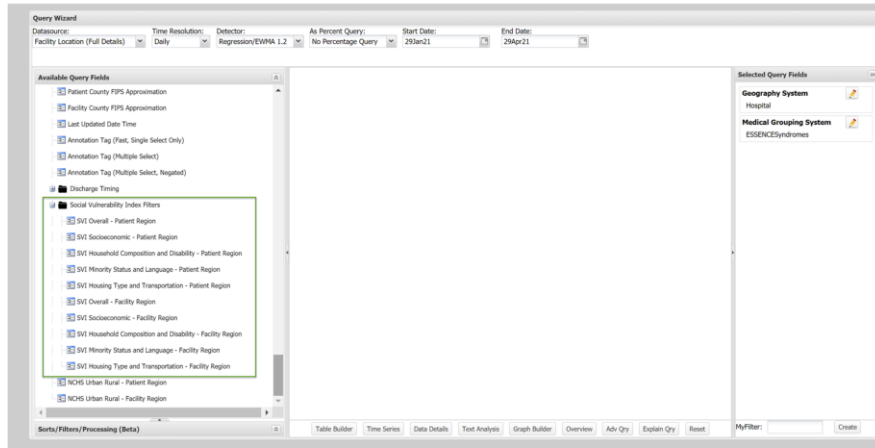


Social Vulnerability Index: <https://www.atsdr.cdc.gov/placeandhealth/svi/index.html>
NCHS Urban Region: https://www.cdc.gov/nchs/data_access/urban_rural.htm

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ESSENCE Concepts



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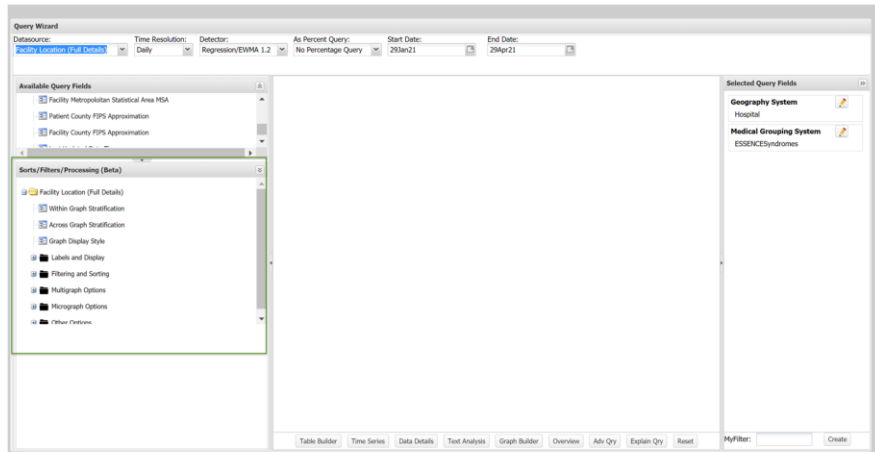
ESSENCE Concepts

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ESSENCE Concepts



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ESSENCE Concepts

- How do you use some of these new query options?

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

Query Wizard

Datasource:	Time Resolution:	Detector:	As Percent Query:	Start Date:	End Date:
Facility Location (Full Details)	Weekly	No Detection	No Percentage Query	1 2019	16 2021

Available Query Fields

- Facility Location (Full Details)
 - HxFilters
- Geography System
 - Hospital HHS Region
 - Hospital State
 - Hospital Region
 - Hospital
 - Site
- Patient Location
- Medical Grouping System
 - ChestComplaintSubsyndromes
 - Syndrome
 - ChestComplaints
 - Triage Notes Orig
- Age Group Filters
 - Age Group
 - CDC ILI Reporting Age Group
 - NCHS Age Group
 - Ten Year Age Group
 - Pediatrics Age Group

Selected Query Fields

Geography System

Hospital Region

Medical Grouping System

ChestComplaints

Discharge Diagnosis

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[^]{0} [D69-[3-6]]{0,1}.^{0,1} [D69[3-6]]{0,1}.^{0,1} [J09-J02].^{0,1} [J]
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[Z47-Z5].^_LAND.^{0,1} [J02]
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[B07].^{0,1} [J] [B08-B09].^{0,1} [J]
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[B18-B19].^{0,1} [J] [B20-B27].^{0,1} [J]
```

DGE Avg Weekly Percent Last 2 Years to Date

Greater Than 75

Data Quality Col (HasBeemE)

Last 2 Years to Date

Less Than 30

Has Been Emergency

Yes

Sorts/Filters/Processing (Beta)

Table Builder Time Series Data Details Test Analysis Graph Builder Overview Adv Qry Explain Qry Reset

HxFilter:

Contact Syndromicsurveillance@azdhs.gov for more information.

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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
BioSense Opioid
Workgroup

Thursday, May
27th from
1:00 – 2:00

AZ BioSense
Community of
Practice

Tuesday, June
8th from 1:00
– 2:00

THANK YOU

syndromicsurveillance@azdhs.gov | 602-542-6002

azhealth.gov

🐦 @azdhs

📘 facebook.com/azdhs



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