

Exploratory Analysis Subgroup/AZ BioSense Opioid Workgroup

October 22, 2020



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Agenda

- Welcome and Attendance
- Onboarding Update
 - New Hospitals
- Syndromic Surveillance Symposium
 - November 17-19, 2020
- Emergent Conditions
 - Coronavirus Disease 2019 [COVID-19](#)
- Basecamp
 - AZ Shared Collaborative Space
 - Monthly Automatic Check-in Questions
 - Have you added your updates?
- OD2A
 - Opioid Overdose-WA DOH Report Template Update
- NSSP Data Sharing
 - [CDC COVID Data Tracker](#)-Public Website
 - Community Profile

Agenda

- ESSENCE Concepts
 - How do you differentiate CLI from ILI?
 - CDC Coronavirus-DD v1 vs CDC Influenza DD v1
 - Looking at All ED and Inpatient Visits during COVID-19
 - Interest in CCDD Category CDC Pregnancy and Pregnancy Loss and Delivery v1?
 - Pregnancy complications due to COVID-19?
 - New Firearm Injury CCDD Categories
- Discussion/Open Mic
- Upcoming Meetings

Onboarding Updates

- Hospitals
 - Abrazo Surprise Hospital 10/21/2020
 - Recently opened facility
 - Microhospital

Syndromic Surveillance Symposium 2020

Save the Date + Registration: 2020 Syndromic Surveillance Symposium, Nov 17-19, 2020

Hayleigh McCall

To: Syndromics

Oct 7, 2020, 1:19 PM (21 hours ago)



Sent to ELC Grantees

Greetings,

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](#). 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.

The 2020 Syndromic Surveillance Symposium is open to any person or organization interested in advancing syndromic surveillance and **FREE of charge**. However, the targeted audience for this event is syndromic surveillance coordinators, epidemiologists, ELC HIS cooperative agreement leads, and NSSP site administrators.

The event program will be made available in the coming weeks. For any questions regarding the symposium, please contact the CSTE National Office at syn@nssp.cste.org.

We look forward to (virtually) seeing you in mid-November!

Hayleigh McCall, MPH
Program Analyst III



Council of State and Territorial Epidemiologists

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

CSTE, Inc. • Washington • Columbia • Dallas • Baltimore
2025 Century Parkway NE, Suite 700, Atlanta, GA 30345
Tel: 770.458.3811 | Fax: 770.458.8516

Consent to publish personal data and/or confidential information
must be sent to CSTE's national office only through a secure
method (see request and use through request email)

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

Syndromic Surveillance Symposium 2020

★ Congrats ★
Viacony and Sasha!!

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NSSP CoP Slack Channel

Announcement + Registration for NSSP Community of Practice Slack Workspace



Hayleigh McCall

To: Syndromic, Alysa, Deborah, Loren, Wayne.Loschen@hhspl.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 • [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

Emergent Conditions

- Coronavirus Disease 2019 [COVID-19](#)
- Waiting on Approval from ADHS HEOC on updating to new syndrome definition for COVID-like Illness

Coronavirus Disease 2019 (COVID-19)

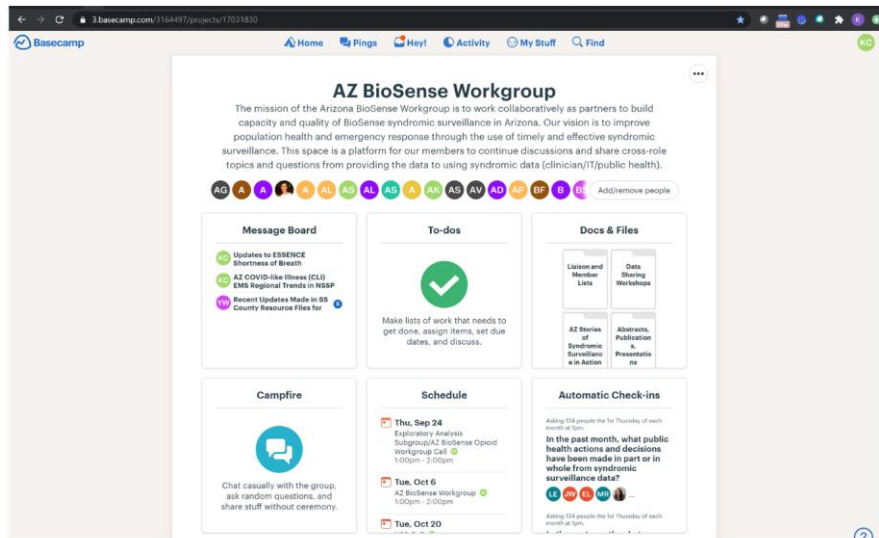
CDC Situation Summary: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/summary.html>

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>

*Facilities currently being onboarded and moved into production for the first time or being revalidated, are asked to send historical data starting 1/1/2020.

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?



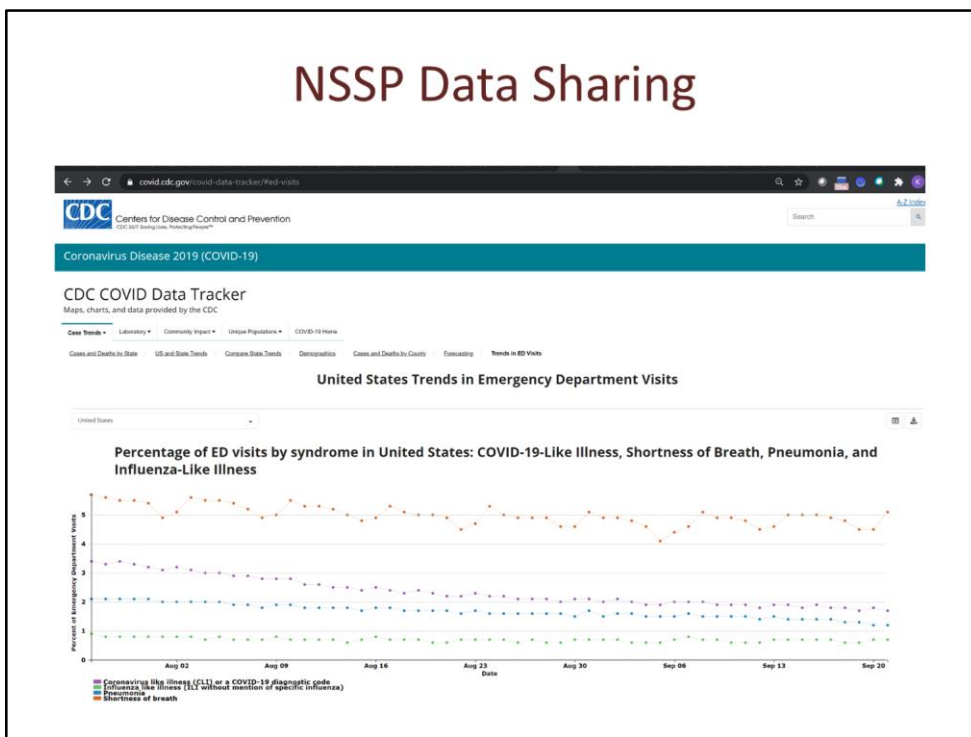
Basecamp: <https://3.basecamp.com/3164497/projects/17031830>

OD2A

- Opioid Overdose-WA DOH Report Template Update

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

NSSP Data Sharing



Contact Syndromicsurveillance@azdhs.gov for more information about NSSP Data Sharing <https://www.cdc.gov/covid-data-tracker/index.html#ed-visits>

- Now going Live in November 2020 with Community Profiles and CBSAs
- Data Requests for national CLI trends have been submitted to NSSP. Discussions with the NSSP CoP are taking place as a collaborative approach to address these requests.
- NSSP CoP September 2020 Call has updates from NSSP

ESSENCE Concepts

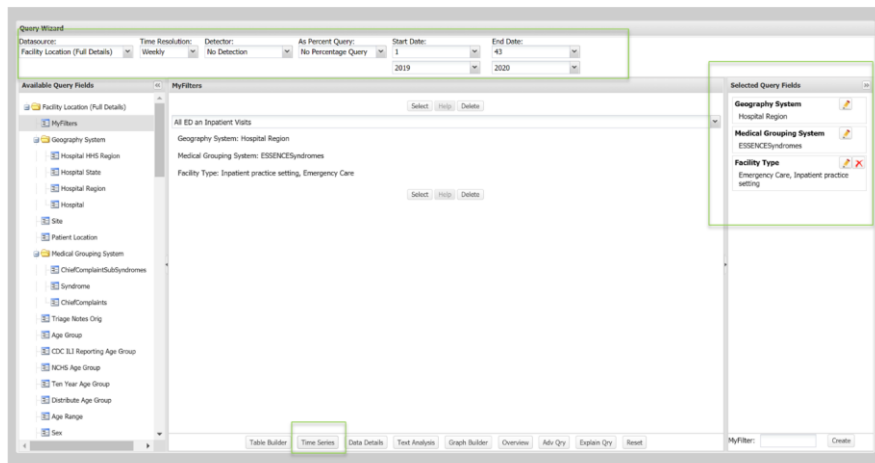
How do you look at All ED and Inpatient Visit Trends Over Time?

- Why does this matter?
 - Can assist with understanding and calling out caveats and limitations to the data.
 - 2019 and 2020 lots of onboarding statewide
 - 2020 COVID-19 mitigation and prevention measures impacted visits to hospitals
 - Huge drop in visits due to combination of factors

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

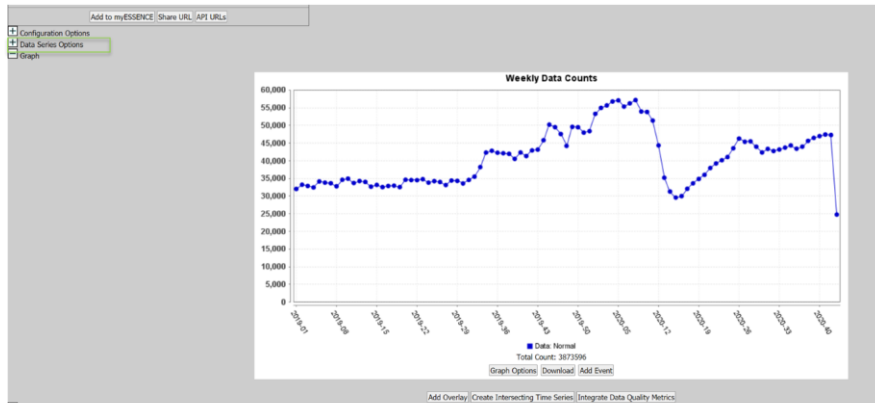


- 1) If you want to look at All ED and Inpatient Visits, make sure you include the Facility Type. If you have access to multiple data access rules and you only want to data for your county, add the Hospital Region field for your county to this query.
- 2) By Adding both 2019 and 2020, we can stratify the data with the data series options.
- 3) If you want to look at just ED or Inpatient Visits, we can add the Has Been filters for Patient Class E and I. You can also do this for Urgent Care Facility Type and Outpatient Patient Class. The reason you want to add the Has Been fields if you want to look at individual Facility Types is that there could be data quality issues that are missed by the first filter at the Facility Type. To ensure you are really focusing on the Facility Type of EDs for example, you want to add the Has Been E filter.
- 4) You can also use the overlay function to look the trends between years.

Contact Syndromicsurveillance@azdhs.gov for more information.

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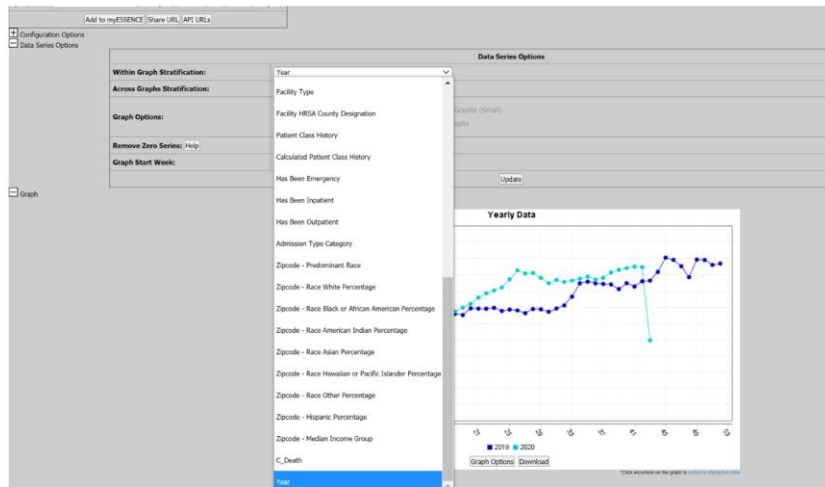
ESSENCE Concepts



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ESSENCE Concepts

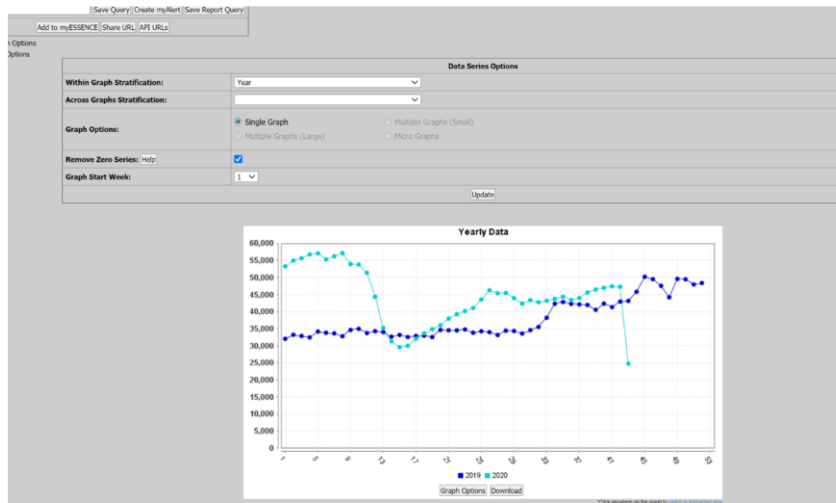


1) Use that Data Series Options to Stratify by Year in the Within Category Stratification

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

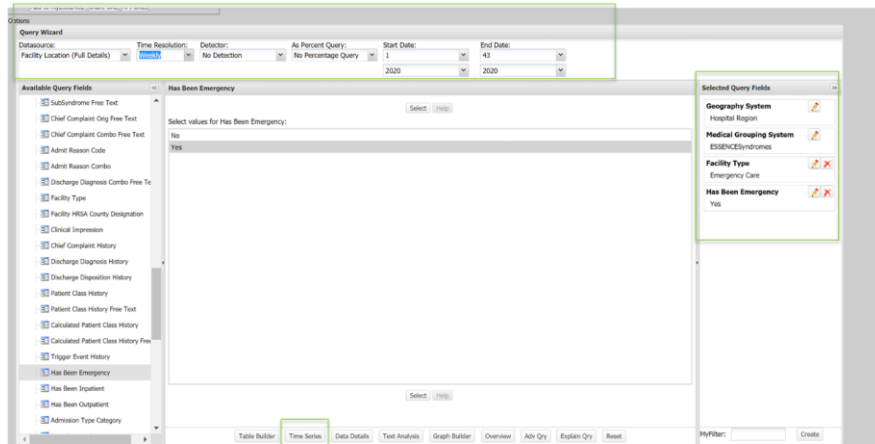


- 1) Use that Data Series Options to Stratify by Year in the Within Category Stratification
- 2) Choose the Update Button

Contact Syndromicsurveillance@azdhs.gov for more information.

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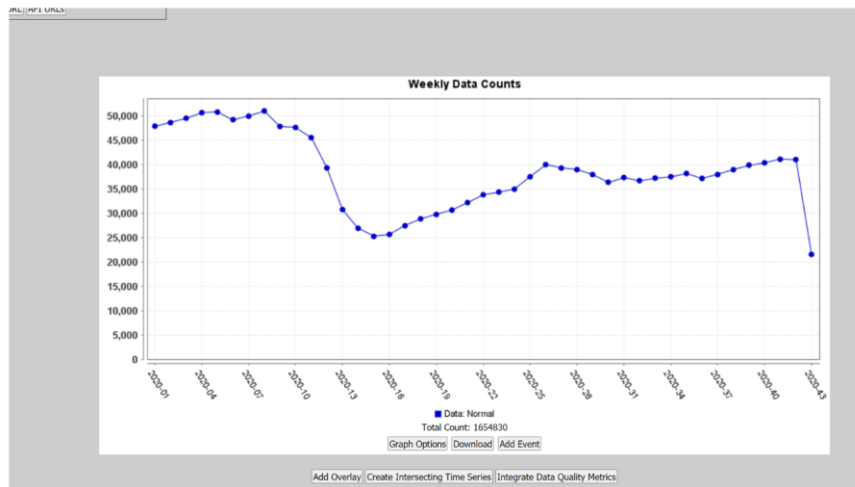
ESSENCE Concepts



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ESSENCE Concepts



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ESSENCE Concepts

Add Overlay

Data Source: Facility Location (Full Details) | Time Resolution: Weekly | Detectors: No Detection | As Percent Query: No Percentage Query | Start Date: 1 | End Date: 43 | 2019 | 2019

Available Query Fields

- DDI Percent Last 2 Years
- DDI Percent Std Dev Last 2 Years
- DDO Discharge Diagnosis
- Time Interval
- Diagnosis Type
- CC and DD Category
- CC and DD
- CC and DD Category Free Text
- Syndrome Subsyndrome CDDO Comb
- Syndrome Free Text
- Subsyndrome Free Text
- Chief Complaint Only Free Text
- Chief Complaint Combo Free Text
- Admit Reason Code
- Admit Reason Combo
- Discharge Diagnosis Combo Free Text
- Facility ICD9 County Designation
- Clinical Impression
- Discharge Diagnosis History
- Discharge Disposition History
- Patient Class History
- Patient Class History Free Text
- Calculated Patient Class History
- Calculated Patient Class History Free Text
- Trigger Event History
- Has Been Emergency
- Has Been Inpatient
- Has Been Outpatient
- Admission Type Category
- Zapcode - Predominant Race
- Zapcode - Race White Percentage
- Zapcode - Race Black or African Amer
- Zapcode - Race American Indian Pac

Has Been Emergency

Select values for Has Been Emergency:

No

Yes

Selected Query Fields

- Geography System**
 - Hospital Region
- Medical Grouping System**
 - ESSENCE Syndromes
- Facility Type**
 - Emergency Care
- Has Been Emergency**
 - Yes

Add Overlay **Cancel** **MyFilter** **Create**

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

Configure Overlay

Basic Parameters

Style: Single

Date Alignment: Start Together

Days From Today: 0

Start Date: []

End Date: []

Denominator Parameters

Use Denominator: ☒

Denominator: Original

Show

☒ Original

☒ Overlay

☐ Percent

Axis Left

☒ Axis Left

☐ Axis Right

Axis Right

☐ Axis Left

☒ Axis Right

Line Graph

☒ Line Graph

☐ Bar Graph

Series Title

2020 wklyct o

2019 wklyct o

Percent

Graph Title

Weekly Count of ED Visits 2020 vs 2019

Left Axis Label

2020

Right Axis Label

2019

Legend

Style

Single: Plots all queries on the same graph.

Multiple Large: Plots each query on its own large graph.

Multiple Small: Plots each query on its own small graph.

Date Alignment

Actual Dates: Uses the dates saved with each individual query.

Global Dates: Uses the dates provided on the form for all selected queries.

Start Together: Uses the dates saved with each individual query, but aligns them so that they all start at the leftmost side of the graph.

End Together: Uses the dates saved with each individual query, but aligns them so that they all start at the rightmost side of the graph.

Denominator Type

Original/Overlay: Numerator is the original query and denominator the query selected to overlay the original.

Total Count: 1054830

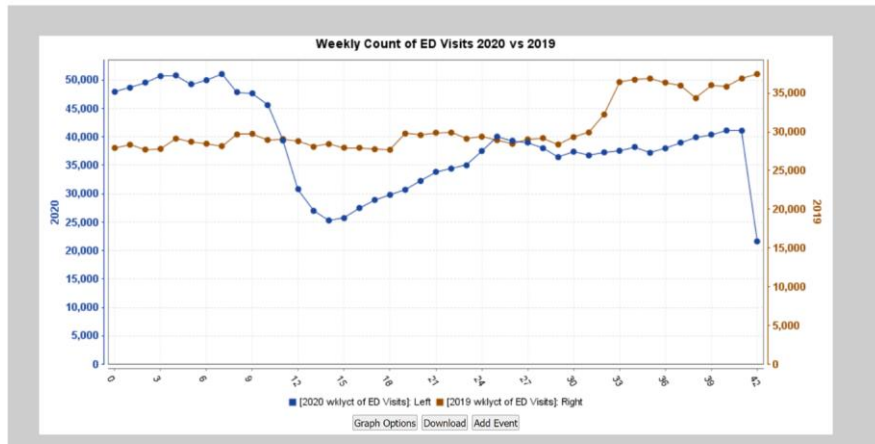
Display Overlay **Cancel**

1) Make sure you in your data alignment you select Start Together

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts



- 1) Note the drop in visits in MMWR week 43 2020 is due to data still be transmitted to the NSSP ESSENCE

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

How do you differentiate CLI from ILI?

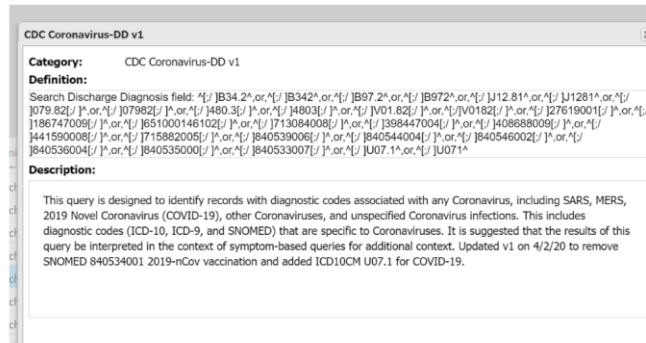
- CDC Coronavirus DD v1
- CDC Influenza DD v1

- 1) The CLI CC with CLI DD and Coronavirus DD v1 does not contain the Influenza Diagnosis Codes.
- 2) NSSP recommends looking at the trends for CDC Coronavirus DD v1 and CDC Influenza DD v1 to get a sense of the diagnosis codes being used. You can also look at the trend for the COVID19 Positive Results v2 in the Lab Data in ESSENCE to overlay all 3 trends. It can also be difficult to parse out the free text symptoms in the CC, Clinical Impression, Triage Notes and a reason for looking at the diagnosis codes.
- 3) It should also be considered that the massive amount of COVID-19 testing could impact the trend. Influenza testing is not conducted at the same level COVID-19 currently is. We also do not have the availability to compare the Influenza Lab Data in ESSENCE yet.

Contact Syndromicsurveillance@azdhs.gov for more information.

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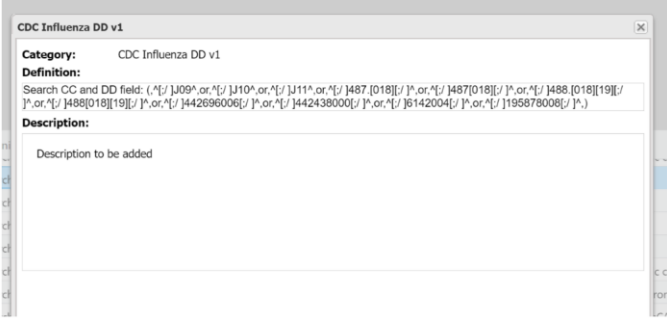
ESSENCE Concepts



Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts



The screenshot shows a web form titled "CDC Influenza DD v1". It contains three main sections: "Category:" with the value "CDC Influenza DD v1", "Definition:" with a complex search CC and DD field, and "Description:" with a text area labeled "Description to be added".

Category: CDC Influenza DD v1

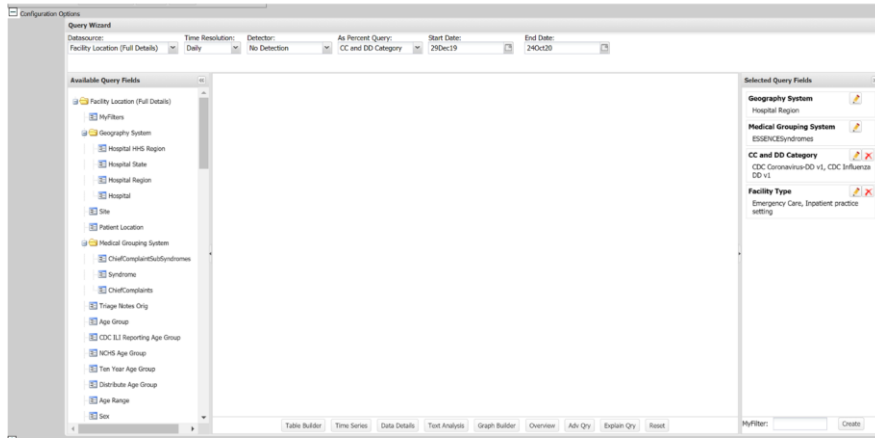
Definition:
Search CC and DD field: (^[f/]J09^,or,[f/]J10^,or,[f/]J11^,or,[f/]J487,[018][f/]J^,or,[f/]J487[018][f/]J^,or,[f/]J488,[018][19][f/]J^,or,[f/]J488[018][19][f/]J^,or,[f/]J442696006[f/]J^,or,[f/]J442438000[f/]J^,or,[f/]J6142004[f/]J^,or,[f/]J195878008[f/]J^.)

Description:
Description to be added

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

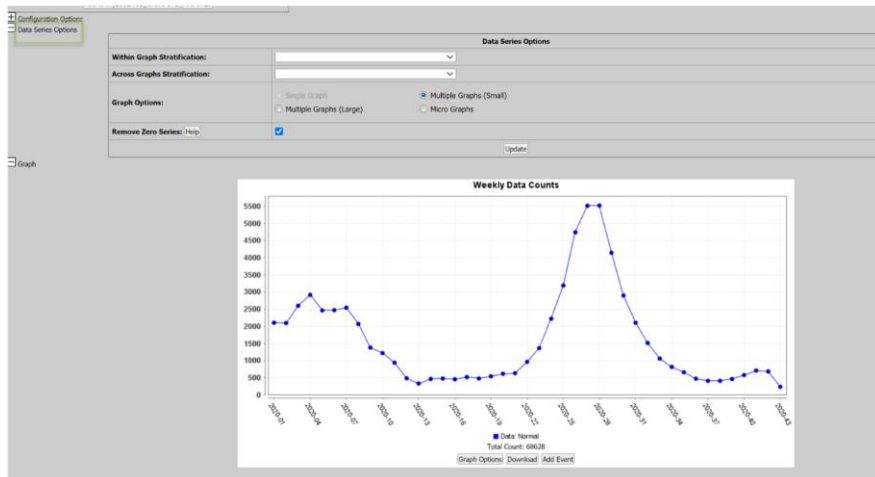


Add both of the syndromic CCDD Categories to your initial query so that you can stratify the 2 CCDD categories. You can also use the overlay function to look at these 2 CCDD Categories. If you want to add a 3rd CCDD Category with another data source like the lab data you will need to use the overlay functionality.

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

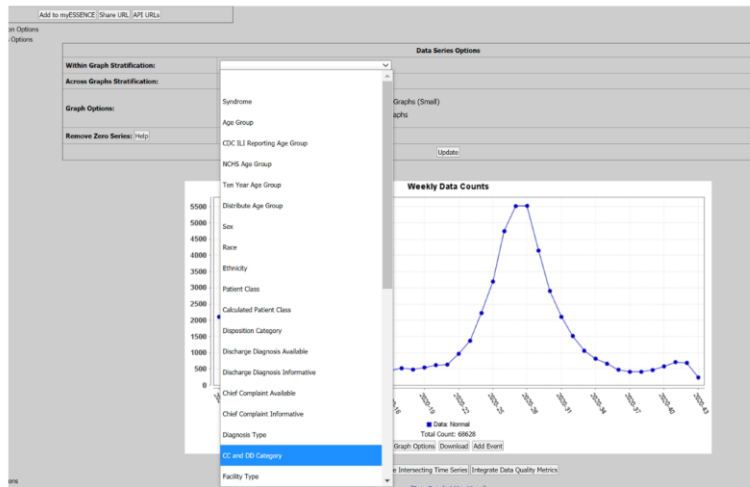


1) Use that Data Series Options to Stratify by CCDD Category in Next Step

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

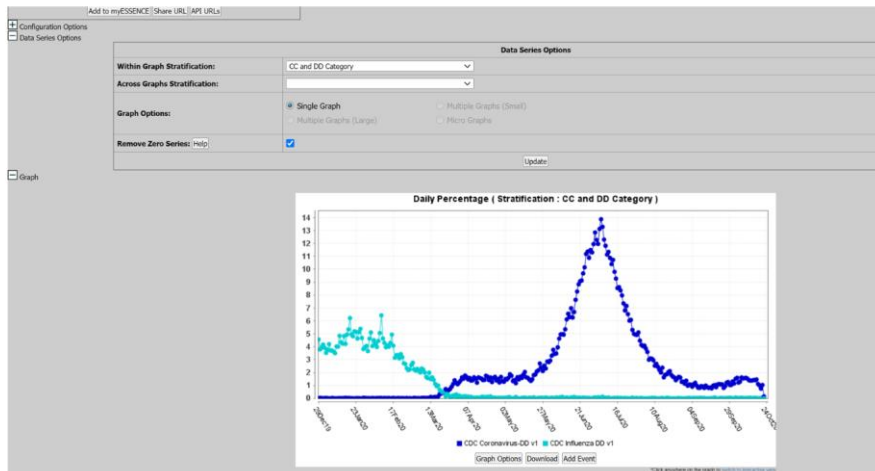


1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification

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ESSENCE Concepts



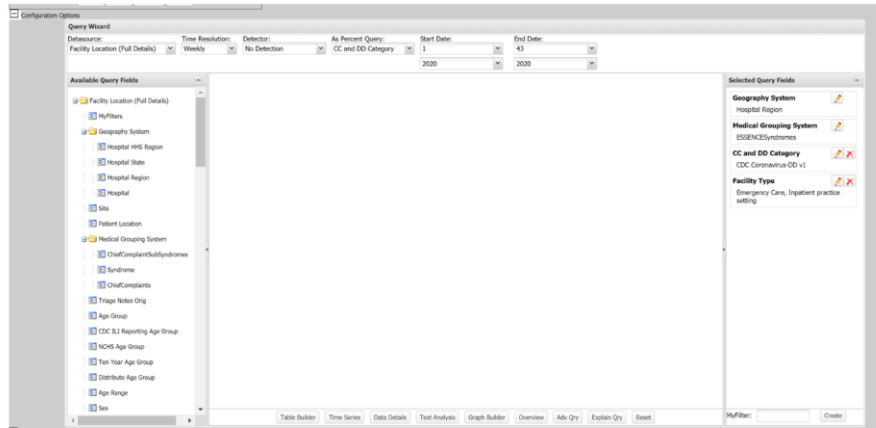
- 1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification
- 2) Choose the Update Button

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ESSENCE Concepts

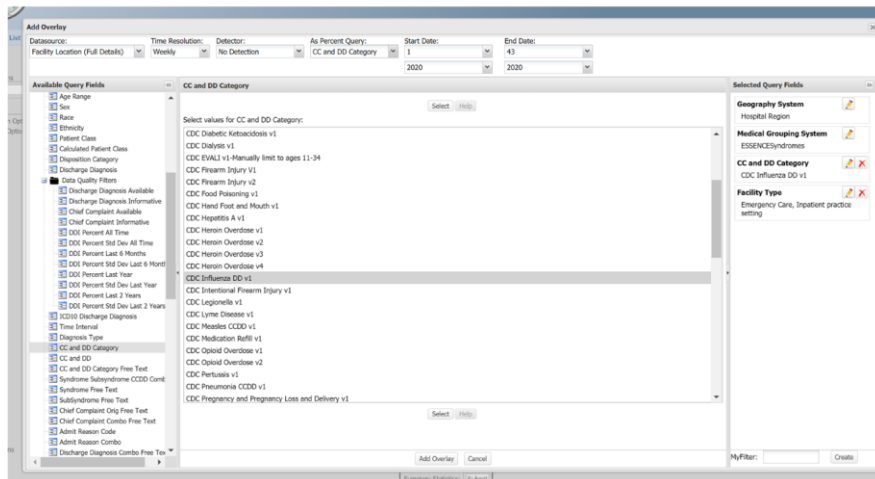
Syndromic vs Lab data in ESSENCE



Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts



1) Make sure when you set up your overlay, you know if you want to set up like you did your original query and just change the CCDD Category selected as we did in this example for CDC Influenza DD v1. Otherwise you may have to redo this step as you cannot reconfigure your overlay graph once you add it to the original graph at this time.

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

Configure Overlay

Basic Parameters

Style:

Date Alignment:

Days from Today:

Start Date:

End Date:

Denominator Parameters

Use Denominator: ☐

Show	Axis Left	Axis Right	Line Graph	Bar Graph	Series Title
☒ Original	☒	☐	☒	☐	wklypct of CD
☒ Overlay	☐	☐	☐	☐	wklypct of CD
☐ Percent	☐	☐	☐	☐	Percent

Graph Title:

Left Axis Label:

Right Axis Label:

Legend

Style

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Date Alignment

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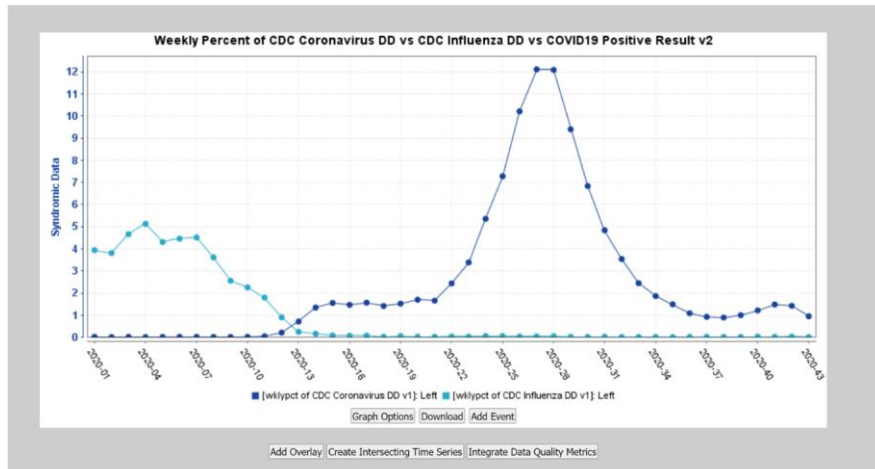
Denominator Type

Original / Overlaid Numerator is the original series and denominator the series selected to overlay the original.

Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts



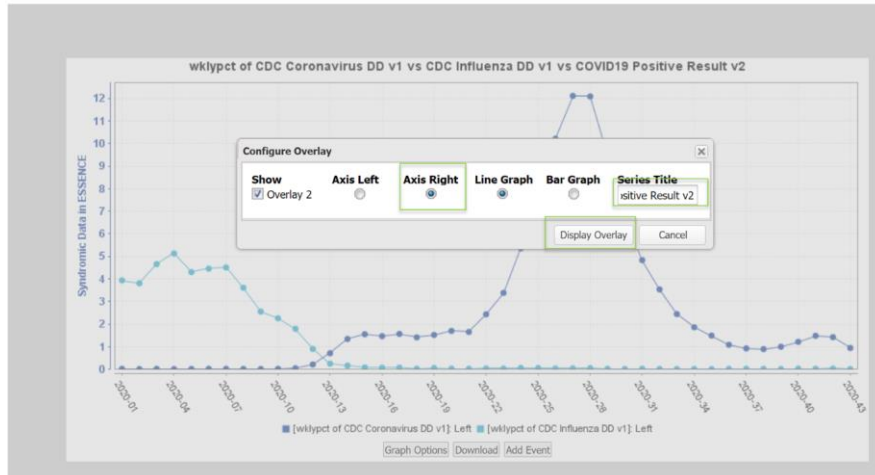
Contact Syndromicsurveillance@azdhs.gov for more information.

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ESSENCE Concepts

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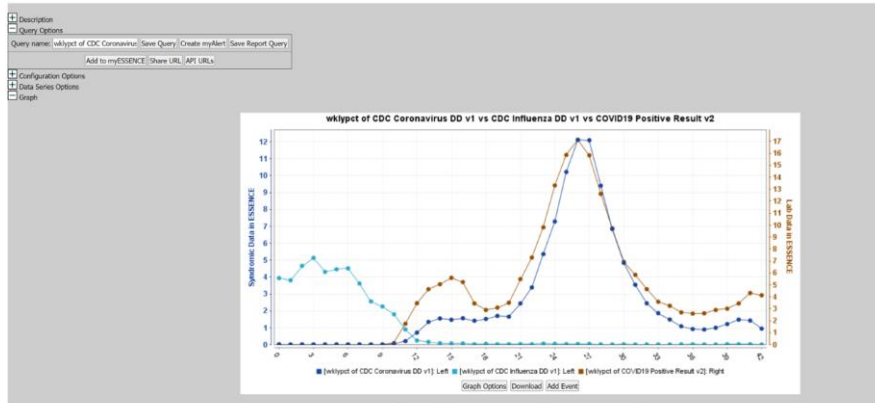
ESSENCE Concepts



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ESSENCE Concepts



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ESSENCE Concepts

New CCDD Categories

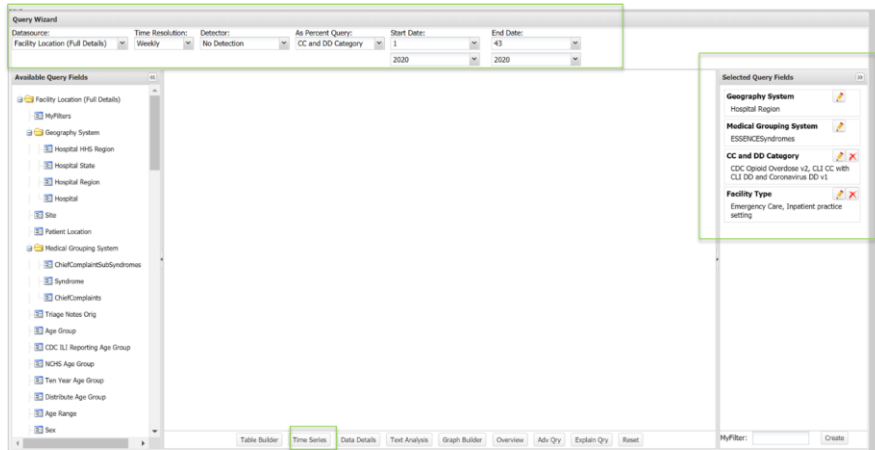
- CDC Firearm Injury v2CDC Assault Firearm Injury v1
- CDC Intentional Firearm Injury v1
- CDC Unintentional Firearm Injury v1

Contact Syndromicsurveillance@azdhs.gov for more information.

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

ESSENCE Concepts

CLI v1 vs Opioid Overdose



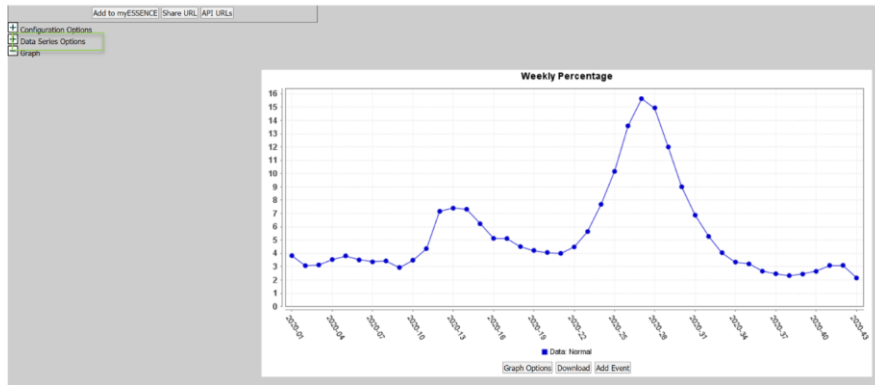
1) Use CTRL to select more than one CCDD Category

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ESSENCE Concepts

CLI v1 vs Opioid Overdose



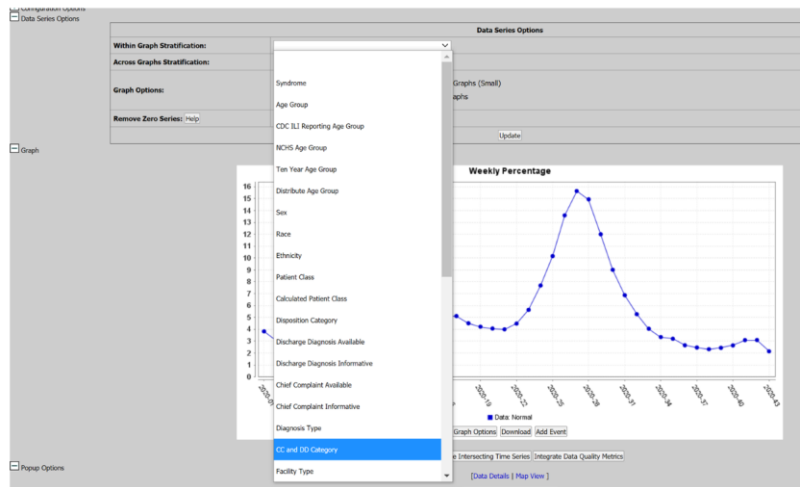
1) Use that Data Series Options to Stratify by CCDD Category in Next Step

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ESSENCE Concepts

CLI v1 vs Opioid Overdose



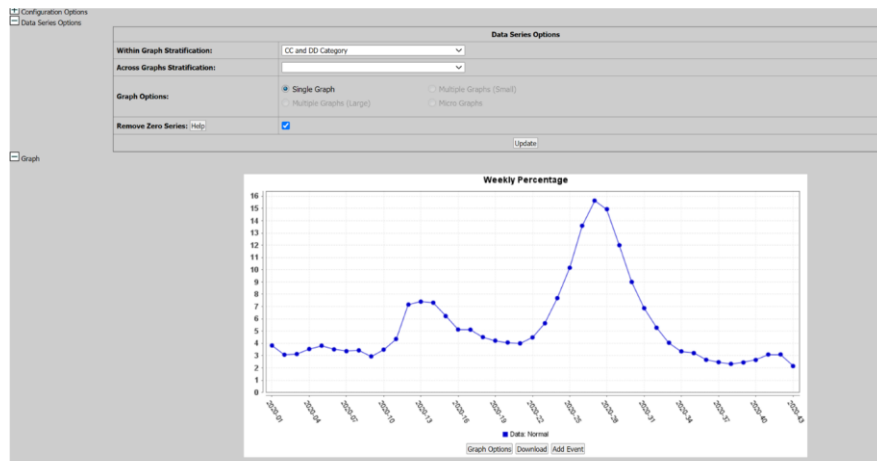
- 1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification

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ESSENCE Concepts

CLI v1 vs Opioid Overdose



- 1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification
- 2) Choose the Update Button

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ESSENCE Concepts



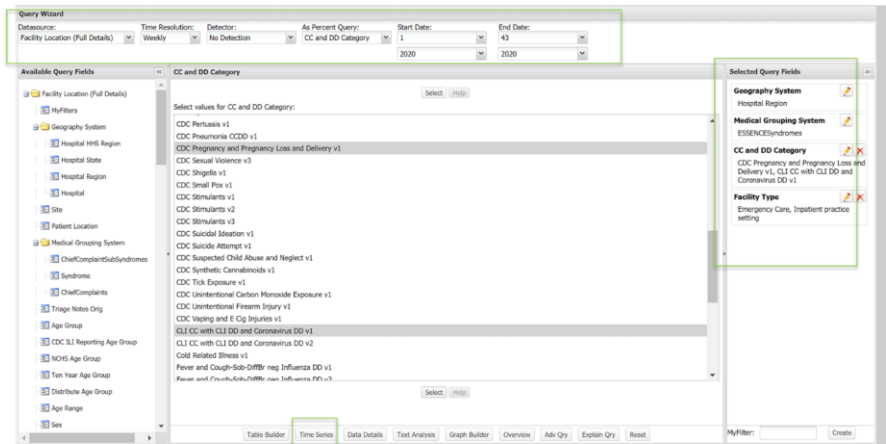
Would this CCDD Category be helpful for you? Other jurisdictions like WA, TN, IL, WI, are using this syndrome to explore complications with pregnancy with COVID-19.

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ESSENCE Concepts

CLI v1 vs Pregnancy and Pregnancy Loss and Delivery



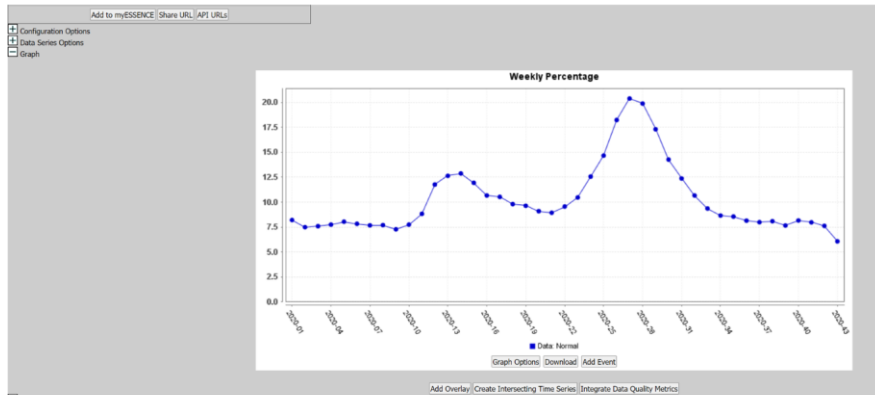
1) Use CTRL to select more than one CCDD Category

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ESSENCE Concepts

CLI v1 vs Pregnancy and Pregnancy Loss and Delivery



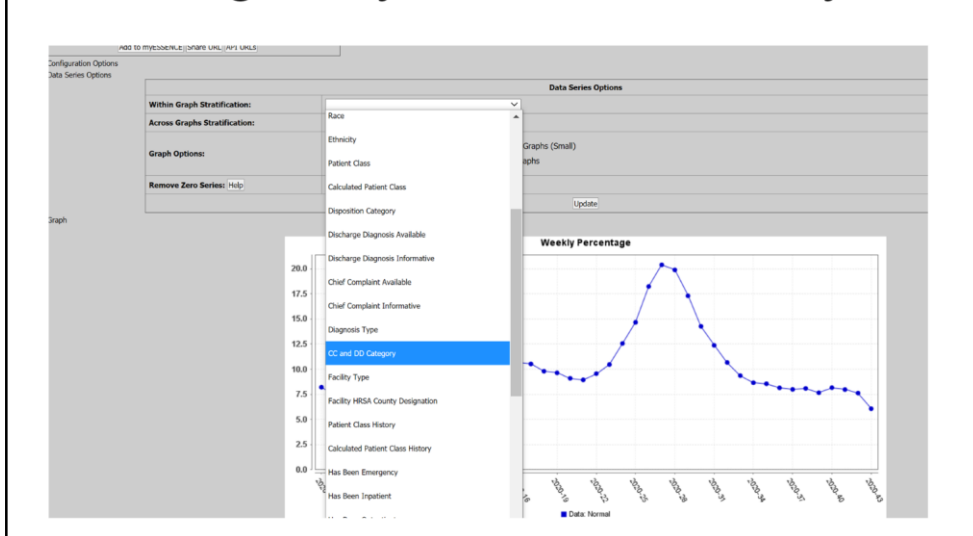
1) Use that Data Series Options to Stratify by CCDD Category in Next Step

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ESSENCE Concepts

CLI v1 vs Pregnancy and Pregnancy Loss and Delivery



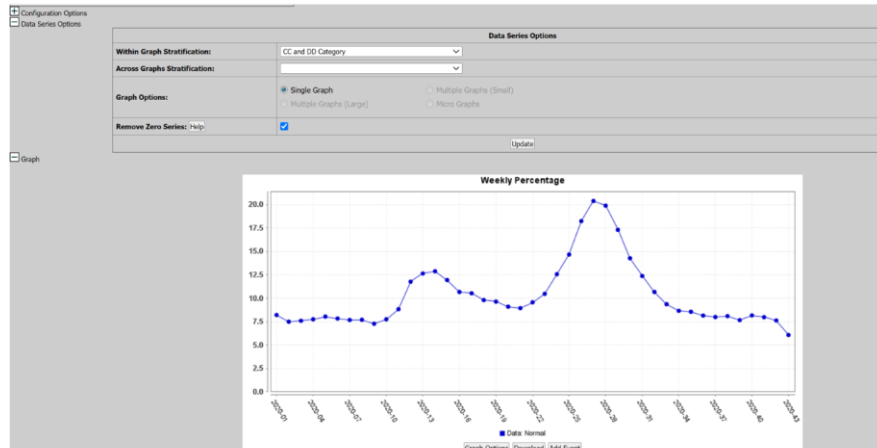
- 1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification

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ESSENCE Concepts

CLI v1 vs Pregnancy and Pregnancy Loss and Delivery



- 1) Use that Data Series Options to Stratify by CCDD Category in the Within Category Stratification
- 2) Choose the Update Button

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ESSENCE Concepts

New CCDD Categories

CC and DD Categories

Category ID [†]	Definition	Description	Date Created ID [‡]
CDC Influenza DD v1	Search CC and DD field ((L"/J09*/or/L"/J10*/or/L"/J11*/or/L"/J487/B). Search Subsyndrome Free Text ("FeverChills".and(L"/Cough"/or/L/Diffic.	This query was created to add descriptions to be added	2020-03-06
Fever and Cough-Solo-DIRB-v1	Search Subsyndrome Free Text ("FeverChills".and(L"/Cough"/or/L/Diffic.	Description to be added	2020-03-10
Fever and Cough-Solo-DIRB-neg L...	Search Subsyndrome Free Text ("FeverChills".and(L"/Cough"/or/L/Diffic.	Description to be added	2020-03-16
IU Neg Influenza Mention v1	Search Subsyndrome Free Text ("FeverPlus".and(L"/Cough"/or/L/SoreThr.	Description to be added	2020-03-30
CDC Coronavirus-DD v1	Search Discharge Diagnosis Field ((L"/J042.2*/or/L"/J047.2*/or/L"/J072...)	This query is designed to identify records with diagnostic codes associated w...	2020-04-08
CLC CC with CLD Abuse and Coronavi...	Search the CCDD Category field AND also apply to Discharge Diagnosis "Fe...	This query was created to allow patients to meet the Corona-like illness def...	2020-04-08
CDC Suspected Child Abuse and N...	Search the Age field for age <= 17 AND CCDD Category field ((L"/J174/B).	The purpose of the suspected child abuse and neglect (SCAN) syndromic sur...	2020-04-23
CDC Pregnancy and Pregnancy Los...	Search the CCDD Category field ("preg".andnot("pregnancy.1-9").AND...	CDC staff were interested in understanding new uses for syndromic surveill...	2020-06-05
Fever and Cough-Solo-DIRB-neg L...	Search Subsyndrome Free Text ("FeverChills".and(L"/Cough"/or/L/Diffic.	Description to be added	2020-08-08
Fever and Cough-Solo-DIRB-neg L...	Search Subsyndrome Free Text ("FeverChills".and(L"/Cough"/or/L/Diffic.	Description to be added	2020-08-08
CLC CC with CLD DD and Coronavi...	Search the CCDD Category field AND also apply to Discharge Diagnosis "Fe...	This query was created to allow patients to meet the Corona-like illness def...	2020-08-23
CDC Synthetic Cannabisoids v1	Search CC and DD field ((L"/J02.k2/or/J02.k2/or/J02.k2/or/J02.k2/or/J02.k2...	Description to be added	2020-09-23
CDC Assault Injury v2	Search CC and DD field ((L"/JW923)/andnot(L"/JW923)...IDS)/or/L/...	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 ((L"/JW934)/andnot(L"/JW934)...IDS)/or/L/...	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 ((L"/JW733)/andnot(L"/JW733)...IDS)/or/L/...	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 ((L"/JW923)/andnot(L"/JW923)...IDS)/or/L/...	Created by partners in the CDC's National Center for Injury Prevention and C...	2020-10-15

[†]Click here to view full definitions and descriptions

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[illegible]

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

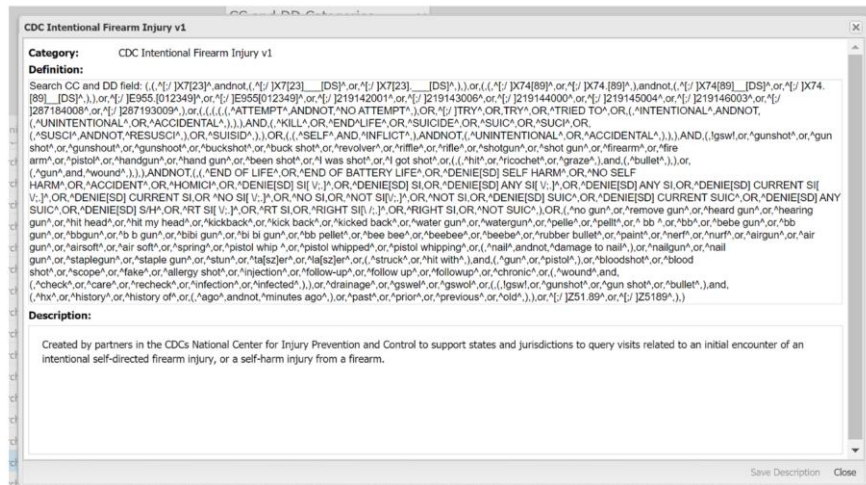
- Request training if you aren't sure how to set up a particular query.

ESSENCE Concepts

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

- 50

ESSENCE Concepts



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ESSENCE Concepts

CDC Unintentional Firearm Injury v1

Category: CDC Unintentional Firearm Injury v1

Definition:

Search CC and DO field: ((/J [W3[23]*.andnot(/J [W3[23]__DS)*.or(/J [W3[23]__DS)*.))or((/J [W34[01][09]*.or(/J [W34[01][09]*.andnot(/J [W34[01][09]_DS)*.or(/J [W34[01][09]_DS)*.))or((/J [Y2[2-3]*.andnot(/J [Y2[2-3]__DS)*.or(/J [Y2[2-3]__DS)*.))or((/J [Y24[89]*.or(/J [Y24[89]*.andnot(/J [Y24[89]_DS)*.or(/J [Y24[89]_DS)*.))or((/J [JE922[012389]*.or(/J [JE922[012389]*.or(/J [JE985[01234]*.or(/J [JE985[01234]*.or(/J [J218081007]*.or(/J [J218086002]*.or(/J [J218082000]*.or(/J [J218087006]*.or(/J [J218088014*.or(/J [J289796009*.)or((/J UNINTENTIONAL*.OR*.ACCIDENT*.)AND ((/Jswf.or*.gunshot*.or*.gun shot*.or*.gunshout*.or*.gunshoot*.or*.buckshot*.or*.buck shot*.or*.revolver*.or*.rifle*.or*.shotgun*.or*.shot gun*.or*.firearm*.or*.fire arm*.or*.pistol*.or*.handgun*.or*.hand gun*.or*.been shot*.or*.I was shot*.or*.I got shot*.or((/Jhit*.or*.ricochet*.or*.graze*).and(/bullet*).))or(/gun*.and*.wound*).))ANDNOT((/no gun*.or*.remove gun*.or*.heard gun*.or*.hearing gun*.or*.hit head*.or*.hit my head*.or*.kickback*.or*.kick back*.or*.kicked back*.or*.water gun*.or*.watergun*.or*.pellet*.or*.bb *.or*.bebe gun*.or*.bb gun*.or*.bbgun*.or*.b b gun*.or*.bibi gun*.or*.bi bi gun*.or*.bb pellet*.or*.bee bee*.or*.beebee*.or*.beebe*.or*.rubber bullet*.or*.paint*.or*.nerf*.or*.nurf*.or*.airgun*.or*.air gun*.or*.airsoft*.or*.air soft*.or*.spring*.or*.pistol whip *.or*.pistol whipping*.or((/nail*.andnot *.damage to nail*).))or*.nailgun*.or*.nail gun*.or*.staplegun*.or*.staple gun*.or*.stun*.or*.stun*).or((/stuck*.or*.hit with*).and(/gun*.or*.pistol*).or*.bloodshot*.or*.blood shot*.or*.scope*.or*.fake*.or*.allergy shot*.or*.injection*.or*.follow-up*.or*.follow up*.or*.followup*.or*.chronic*.or((/wound*.and, (/check*.or*.care*.or*.recheck*.or*.infection*.or*.infected*).))or*.drainage*.or*.gsweh*.or*.gswoh*.or((/Jswf.or*.gunshot*.or*.gun shot*.or*.bullet*).and, (/hx*.or*.history*.or*.history of*.or((/ago*.andnot *.minutes ago*).or*.past*.or*.prior*.or*.previous*.or*.old*).))or(/J [Z51.89*.or(/J [Z51.89*.)

Description:

Created by partners in the CDCs National Center for Injury Prevention and Control to support states and jurisdictions to query visits related to an initial encounter of an unintentional firearm injury, or one that occurred while cleaning or playing with a firearm or other incidents of an accidental firing without evidence of intentional harm.

Save Description Close

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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 Opioid
BioSense
Workgroup

Tuesday, Nov
24th from
1:00 – 2:00

Arizona BioSense
Workgroup

Tuesday, Dec
8th from
1:00 – 2:00

THANK YOU

syndromicsurveillance@azdhs.gov | 602-542-6002

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 @azdhs

 facebook.com/azdhs



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans