

Exploratory Analysis Subgroup/AZ BioSense Opioid Workgroup

March 26, 2020



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Health and Wellness for all Arizonans

Agenda

- Welcome and Attendance
- Emergent Conditions
 - Coronavirus Disease 2019 [COVID-19](#)
 - Looking Up ADHS ESSENCE Email Alerts and MEDSIS Resources-County-Syndromic Surveillance-COVID19-Detailed ESSENCE Line List
- NSSP Updates-CC DD Categories Available Now
 - Fever-Chills-Cough-Sob-DiffBR v1
 - Fever-Chills-Cough-Sob-DiffBR neg Influenza DD v1
 - CDC Influenza-DD v1
 - SDC Disaster Related Mental Health
- ESSENCE Concepts
 - Washington DOH dashboards available in myESSENCE Dashboard Library for Download
 - COVID-Related Age Groups
 - COVID-Related Quick View

Agenda

- **Presentation Part 2: by Sasha Harb, Pima County Health Department, Epidemiologist, MPH, Community Surveillance and Investigation**
 - Sitting in on the Pima County Bi-weekly Overdose Surveillance Meeting
 - How Pima County compiles and uses multiple data sources to make decisions for public health actions in response to opioid overdoses (Part II).
- Discussion/Open Mic
- Upcoming Meetings

Emergent Conditions

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

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>

Emergent Conditions ADHS ESSENCE Email Alerts

Frequency for monitoring ESSENCE email alerts:

- ADHS has developed “New Suspected COVID-19 Visits in ESSENCE” and “Coronavirus Visits in ESSENCE” automated email alerts.
- The “New Suspected COVID-19 Visits in ESSENCE” email alerts are sent every **hour**.
- The “Coronavirus Visits in ESSENCE” email alerts are sent **daily**.

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

Emergent Conditions ADHS ESSENCE Email Alerts

1. Email alerts will be sent from COVID-19_Alert@syndromic-surveillance.azdhs.gov
2. Email Alerts contain the following information:
 - New visit(s) detected since last report:
 - Newly Detected Visit #1
 - Admit Date/Time:
 - Hospital:
 - City:
 - County:
 - Matching Case in MEDSIS: Highly Likely Match Found
 - Matched Case ID:
 - Case Classification (Only Available for Matched or Highly Likely Case Found): not a case

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

- Intended to an alert
- Not sending to many details
- MEDSIS Resources will have Line List with more information

Emergent Conditions

ADHS ESSENCE Email Alerts

- Feedback Requested for:
 - How to improve alerts?
 - Do these meet your needs?
 - Have the alerts prompted any public health actions?

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

Emergent Conditions

Feedback Request:

- How to improve alerts?
 - Link directly to ESSENCE URL for Email Alert
 - What to do if you do not have access to MEDSIS Resources and County Folder with Line List?
 - What does it mean if there is not a MEDSIS ID?
 - How do I look up a visit of interest in the line list if there is not a MEDSIS ID?

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

Emergent Conditions

Feedback Received

- Have the alerts prompted any public health actions?
 - Outreach and education with healthcare providers and protocols for seeking treatment at hospital for COVID-19 symptoms
 - Prevention and Control Measures opportunities
 - Situational Awareness

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

- Reviewing the Free Text Fields in NSSP ESSNECE for a visit of interest can provide situational awareness.
- Data is electronic and automated vs other data sources. Data may be available daily for certain facilities in your local public health jurisdiction.

Emergent Conditions Feedback Received

- Visits of interest in the email alerts may be the first opportunity and notification for:
 - Example 1: Outreach and Education Opportunities
 - Example 2: Prevention and Control Measures

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

Emergent Conditions Feedback Received

- Example 1: Healthcare provider did not contact local public health jurisdiction prior to visit to hospital and patient had COVID-19 symptoms.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

Emergent Conditions Feedback Received

- A patient has visited a healthcare facility with symptoms related to COVID-19
- A protocol or procedure in place related to the COVID-19 response did not occur as expected.
- Opportunities for outreach and education may be available based on observation of data available in the free text fields.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

Emergent Conditions Feedback Received

- Example 2: Hospital Staff no longer contacting local public health jurisdiction when lab ordered for COVID-19 because of commercial testing involved.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

Emergent Conditions Feedback Received

- Prevention and control measures, situational awareness for surge capacity, may be available based on observation of data available in the free text fields.
- Additional information related to labs ordered, respirator or ventilator use, proper protective equipment (PPE), isolation and droplet isolation procedures related to COVID-19 response.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

*Not all facilities send procedure codes and text.

*Reviewing additional fields available in ESSENCE can provide greater detail about the visit. If access is available for the Medical Record, additional details, may assist in narrowing areas to review to understand what took place during the visit.

Emergent Conditions Feedback Received

- Procedure Code Examples For Ventilator:

- RT25 VENTILATOR
- 400088 MECH VENT
- 400084 BILEVEL VENT

Note: local procedures codes may be used

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

*Not all facilities send procedure codes and text.

*List is not exhaustive.

*Reviewing additional fields available in ESSENCE can provide greater detail about the visit. If access is available for the Medical Record, additional details, may assist in narrowing areas to review to understand what took place during the visit.

Emergent Conditions Feedback Received

- Procedure Code Examples For COVID-19 Labs:

- LAB9865 COVID-19 PCR SWAB
- LAB9866 COVID-19 PCR NON-SWAB
- LABREFCOV REF LAB COVID-19 (NON AZDHS/NON CDC)

Note: local procedures codes may be used

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

*Not all facilities send procedure codes and text.

*List is not exhaustive.

*Reviewing additional fields available in ESSENCE can provide greater detail about the visit. If access is available for the Medical Record, additional details, may assist in narrowing areas to review to understand what took place during the visit.

Emergent Conditions Feedback Received

- Procedure Code Examples For Isolation or Droplet Isolation:

- ISO5 CONTACT AND AIRBORNE ISOLATION STATUS
- ISO6 CONTACT AND DROPLET ISOLATION STATUS
- ISOC19 COVID - 19 ISOLATION
- ISO1 AIRBORNE ISOLATION
- ISO15 DROPLET ISOLATION

Note: local procedures codes may be used

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS ESSENCE email alerts for COVID-19

*Not all facilities send procedure codes and text.

*List is not exhaustive.

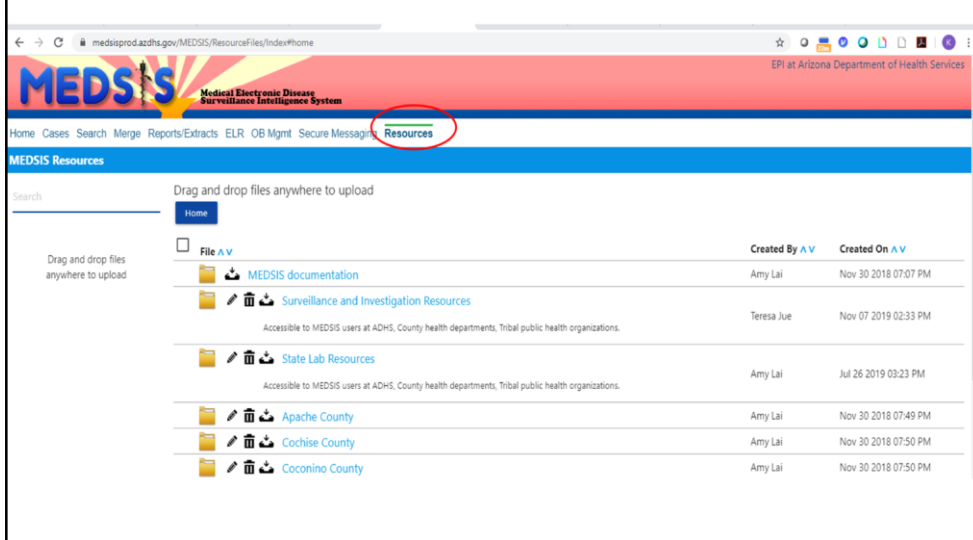
*Reviewing additional fields available in ESSENCE can provide greater detail about the visit. If access is available for the Medical Record, additional details, may assist in narrowing areas to review to understand what took place during the visit.

Emergent Conditions MEDSIS Resources

- County-Syndromic Surveillance-COVID19-Detailed ESSENCE Line List
- If you do not have access to MEDSIS Resources County Level Folder, work with your MEDSIS Liaison to pull the line list down and share with you.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions MEDSIS Resources



Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List.

MEDSIS portal (<https://connect.azdhs.gov>) or direct link (<https://medsisprod.azdhs.gov/medsis>)

Emergent Conditions

MEDSIS Resources

The screenshot displays the MEDSIS (Medical Electronic Disease Surveillance Intelligence System) interface. At the top, the header includes the MEDSIS logo and the text "EPI at Arizona Department of Health Services". Below the header, a navigation bar contains links for Home, Cases, Search, Merge, Reports/Extracts, ELR, OB Mgmt, Secure Messaging, and Resources. The main content area is titled "MEDSIS Resources" and features a search bar and a "New Folder" button. A table lists files available for upload, with a red circle highlighting a file named "COVID-19". The table also shows the file's creator (Teresa Jue) and the creation date (Feb 20 2020 12:45 PM).

File	Created By	Created On
   COVID-19	Teresa Jue	Feb 20 2020 12:45 PM

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions

New MEDSIS Resources

MEDSIS Medical Electronic Diseases Surveillance Intelligence System EPI at Arizona Department of Health Services

Home Cases Search Merge Reports/Extracts ELR OB Mgmt Secure Messaging **Resources**

MEDSIS Resources

Search

Drag and drop files anywhere to upload

Home / Cochise County

New Folder

Drag and drop files anywhere to upload

File	Created By	Created On
   Hip Hop USA - Measles Exposure	Alexandra Peterson	Aug 28 2019 08:47 AM
   Syndromic Surveillance	Teresa Jue	Feb 20 2020 12:45 PM
   VPD Road Show Documents	Alexandra Peterson	Oct 17 2019 04:16 PM

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions

MEDSIS Resources

The screenshot shows the MEDSIS Resources page. At the top, there is a header with the MEDSIS logo and the text "Medical Electronic Disease Surveillance Intelligence System". Below the header, there is a navigation bar with links: Home, Cases, Search, Merge, Reports/Extracts, ELR, and OB Mgmt. The main content area is titled "MEDSIS Resources" and contains a search bar and a list of files. The files are listed in a table with columns for "File", "Created By", and "Created On". The files are:

File	Created By	Created On
Cochise_SS_Case_Finding_Report_for_COVID-19_2020-01.xlsx	Medis Medis	Mar 12 2020 04:30 PM
Cochise_SS_Case_Finding_Report_for_COVID-19_2020-02.xlsx	Medis Medis	Mar 12 2020 04:30 PM
Cochise_SS_Case_Finding_Report_for_COVID-19_2020-03.xlsx	Medis Medis	Mar 23 2020 08:30 AM

The third file, "Cochise_SS_Case_Finding_Report_for_COVID-19_2020-03.xlsx", is highlighted with a red box. Below the table, there is a search bar and a "Show all" button.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Click on the spreadsheet for the month of the email alert to review the snapshot line list. The spreadsheet will download for you to review.

Emergent Conditions

MEDSIS Resources

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Date	Time	Patient	ZipCode	Patient	Hospital/Name	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	PT_Dob	Age	Onset_C	Admit_C
48	03/08/2020	20:45:00	City A	85000	City A	AZ-Tucson Medical Center	Tucson	Pima	488893	60850428	F	3/12/1967	53	2020-03-01	2020-03
49	03/20/2020	15:35:00	City B	85000	City B	AZ-Canyon Vista Medical Center	Sierra Vista	Cochise	988450	516789	F	8/9/1977	42	N/A	2020-03

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- If the visit of interest Highly Likely Match for case in MEDSIS, Search the spreadsheet by scrolling to the right and locate the MEDSIS Case ID.
- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*

Emergent Conditions New MEDSIS Resources

- Likely_Match_in_MEDSIS Tab
- Additional Lab Result and Lab History Information from ELR

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*

Emergent Conditions

MEDSIS Resources

1	Date	Time	Patient	ZipCode	Patient	HospitalName	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	PT_Side	Age	Onset_C	Admin_C
2	03/08/2020	20:45:00	City A	85000	City A	A2 Canyon Vista Medical Center	Tucson	Prima	488591	60850438	F	3/12/1967	53	2020-03-01	2020-03
3	03/20/2020	15:35:00	City B	85000	City B	A2 Canyon Vista Medical Center	Sierra Vista	Cochise	983450	516789	F	8/9/1977	42	8/9/1977	2020-03

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Review the Likely_Cases_in_MEDSIS tab of the spreadsheet from MEDSIS Resources, to find additional information about the MEDSIS Case that likely matched the NSSP ESSENCE visit of Interest. This includes details for lab results and lab history available for the MEDSIS case.

Emergent Conditions

MEDSIS Resources

1	Date	Time	Case ID	Case Class	PT	DOB	M	PT	Gender	PT	ZipCode	MRN	MED	MRN	Org	Country	MRN	Lab Test Results
2	03/20/2021	18:56:00	20-3459761	not Assign	8/9/1977	F						N/A	N/A	N/A	N/A	Cochise		Results Not Available. [Text Performed: COVID-19 PCR (Manual Report)] [Results Received: Undefined] [Results Date:]

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- This includes details for lab results and lab history available for the MEDSIS case.

Emergent Conditions MEDSIS Resources

- Looking up a MEDSIS Case ID in MEDSIS

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*

Emergent Conditions

MEDSIS Resources

1	Date	Time	Patient	ZipCode	HospitalName	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	IPT_Dub	Age	Onset	Admit
48	03/08/2020	20:45:00	City A	85000 City A	AZ-Tucson Medical Center	Tucson	Pima	488891		60850428 F	3/12/1967	53	2020-03-01	2020-03-01
49	03/20/2020	15:35:00	City B	85000 City B	AZ-Canyon Vista Medical Center	Sierra Vista	Cochise	583456		516789 F	4/7/1977	42	#N/A	2020-03-01

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- If the visit of interested is NOT a Highly Likely Match for a case in MEDSIS, Find the Hospital Name and Medical Record Number (MRN).

Emergent Conditions

MEDSIS Resources

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Date	Time	Patient	ZipCode	Patient	Hospital/Name	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	PT_Dob	Age	Onset_C	Admit_C
48	03/08/2020	20:45:00	City A	85000	City A	AZ-Tucson Medical Center	Tucson	Pima	488893		60850428 F	3/12/1967	53	2020-03-01	2020-03
49	03/20/2020	15:35:00	City B	85000	City B	AZ-Canyon Vista Medical Center	Sierra Vista	Cochise	988450		516789 F	8/9/1977	42	N/A	2020-03

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- If the visit of interest Highly Likely Match for case in MEDSIS, Search the spreadsheet by scrolling to the right and locate the MEDSIS Case ID.
- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*

Emergent Conditions MEDSIS Resources

	AF	AG	AH	AI
te	Reporte	Matched_MEDSIS_ID	MEDSIS_	se_Classificat
No Match		N/A		N/A
Highly Like		20-3498761		Not Assigned

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Scroll to the right and locate the MEDSIS Case ID.

Emergent Conditions

New MEDSIS Resources

K	Formula Bar	L
LabTestResults_MEDSIS	LabTestHistory_MEDSIS	
Results Not Available	[Test Performed: COVID-19 PCR (Manual Report) Results Received: Undefined Results Date: NA]	

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions MEDSIS Resources

- Looking up a Visit of Interest in NSSP ESSENCE

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*

Emergent Conditions

MEDSIS Resources

1	Date	Time	Patient	ZipCode	Patient	HospitalName	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	IPT_Dub	Age	Onset	Admit
8	03/08/2020	20:45:00	City A	85000	City A	AZ-Tucson Medical Center	Tucson	Pima	488891		60850428 F	3/12/1967	53	2020-03-01	2020-03-01
15	03/20/2020	15:35:00	City B	85000	City B	AZ-Canyon Vista Medical Center	Sierra Vista	Cochise	583456		516789 F	4/7/1977	42	#N/A	2020-03-01

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions

MEDSIS Resources

MEDSIS Medical Electronic Disease Surveillance Intelligence System

EPI at Arizona Dept

Home Cases **Search** Merge Reports/Extracts ELR OB Mgmt Secure Messaging Resources

Case Search

Search

MEDSIS ID is (exactly) 20-3498761

Patient Last Name is (exactly)

Patient First Name is (exactly)

Patient DOB

Search Cancel

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Use the MEDSIS Case ID using the Search Function in MEDSIS to locate and review the record. Determine if there is any additional information that NSSP ESSENCE could provide for the case record.
- *Note: Example is intended for demonstration purpose and is NOT an actual case in MEDSIS..*

Emergent Conditions Feedback Request:

- How to improve alerts?
 - What does it mean if there is not a MEDSIS ID?
 - How do I look up a visit of interest in the line list if there is not a MEDSIS ID?

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

- If the visit of interest in NSSP ESSENCE did not match a MEDSIS ID, then this may be an early alert and notification that a visit of interest with COVID-19 symptoms has been detected in the syndromic surveillance data.
- This may be an opportunity to review the record and determine if this visit of interest should be reported into MEDSIS for COVID-19.
- It may also be an opportunity to collect additional information for the visit that may not be reported in MEDSIS that can be used to complete the reporting information, it may provide actionable information for additional prevention or control measures that need to be taken, it may also provide additional details for situational awareness to review protocols and procedures for COVID-19 activities and focus on opportunities for outreach and education.

Emergent Conditions

MEDSIS Resources

1	Date	Time	Patient	ZipCode	Patient	HospitalName	Facility	Facility	Medical_Record_Number	Visit_ID	Sex	IPT_Dub	Age	Onset	Admit
8	03/08/2020	20:45:00	City A	85000	City A	AZ-Tucson Medical Center	Tucson	Pima	488891		60850428 F	3/12/1967	53	2020-03-01	2020-03-01
15	03/20/2020	15:35:00	City B	85000	City B	AZ-Canyon Vista Medical Center	Sierra Vista	Cochise	583456		516789 F	4/7/1977	42	#N/A	2020-03-01

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Emergent Conditions MEDSIS Resources

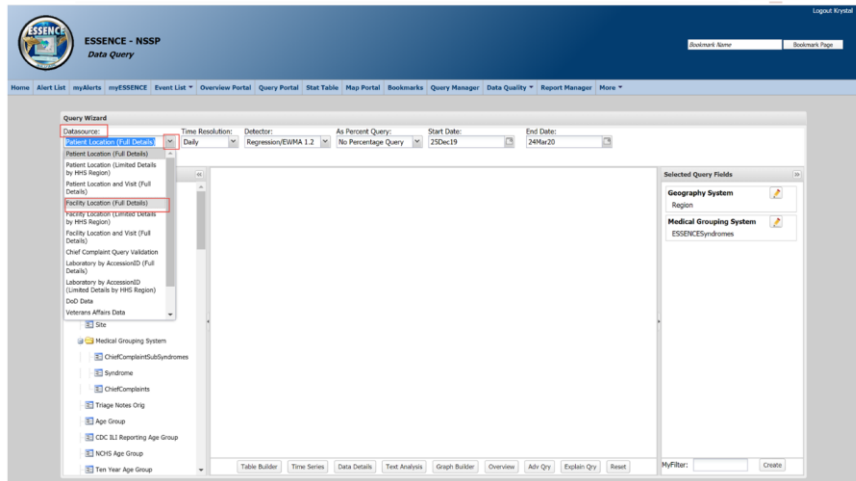
AF	AG	AH	
Reported	Matched_MEDSIS_ID	MEDSIS	se
No Match	N/A	N/A	
Highly Like	20-3498761	Not Assigned	

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Scroll to the right of the Suspected in MEDSIS Tab, and locate the columns "Reported_in_MEDSIS, Matched_MEDSIS_ID, MEDSIS_Case_Classification".
- If a MEDSIS Case ID is "N/A" or "Not Applicable", then look up the visit of interest in NSSP ESSENCE for additional details.
- The line list in MEDSIS Resources is just a snapshot of information looking at 3 surveillance systems (NSSP ESSENCE, MEDSIS, ELR). Further review of the systems and the related data associated with the information provided in this snapshot view is recommended.
- Guidance for looking up the visit of interest with the name of the hospital and Medical Record Number are provided in the next set of slides.

Emergent Conditions

Visit of Interest Query



Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Open NSSP ESSENCE to review additional information. Determine if the visit of interest should be entered as a case in MEDSIS and if additional information is needed from the hospital.
- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest.*
- The example is highlighted in yellow, Date of visit of interest= 03/20/2020, HospitalName=Canyon Vista Medical Center and the Medical_Record_Number=983450, MEDSIS Case ID= 20-3498761.
- Click on the Query Portal and query the Hospital and Medical Record Number for the visit of interest.
- Select the Facility Location (full details) under the drop down of Data Source.

Emergent Conditions

Visit of Interest Query

The screenshot shows the ESSENCE - NSSP Data Query interface. The main window is titled "Query Wizard" and contains several sections:

- Top Navigation Bar:** Includes the ESSENCE logo, "ESSENCE - NSSP Data Query", a "Logout Kyrill" button, and a "Bookmark Name" field.
- Menu Bar:** Contains links for Home, Alert List, myAlerts, myESSENCE, Event List, Overview Portal, Query Portal, Start Table, Map Portal, Bookmarks, Query Manager, Data Quality, Report Manager, and More.
- Query Wizard Section:**
 - Datasource:** Facility Location (Full Details)
 - Time Resolution:** Daily
 - Detector:** Regression/EWMA 1.2
 - As Percent Query:** No Percentage Query
 - Start Date:** 25Dec19
 - End Date:** 24Mar20
- Available Query Fields:** A list of fields including Facility Location (Full Details), MyFilters, Geography System (Hospital HHS Region, Hospital State, Hospital Region, Hospital), Site, Patient Location, Medical Grouping System (ChiefComplaintSyndromes, Syndrome, ChiefComplaints), Triage Notes Orig, Age Group, CDC ILI Reporting Age Group, NHIS Age Group, and Ten Year Age Group.
- Selected Query Fields:** A list of selected fields including Geography System (Hospital) and Medical Grouping System (ESSENCESyndromes).
- Calendar:** A calendar for March 2020 is displayed, with the date 25Dec19 highlighted. The calendar shows days of the week (S, M, T, W, T, F, S) and dates from 1 to 31.
- Buttons:** At the bottom, there are buttons for Table Builder, Time Series, Data Details, Test Analysis, Graph Builder, Overview, Add Qry, Explain Qry, and Reset.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Change the Start Date to shorten the time frame for searching for the visit of interest.

Emergent Conditions

Visit of Interest Query

The screenshot displays the ESSENCE - NSSP Data Query web application. 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. The main content area is titled "Query Wizard" and contains several input fields for configuring a query, including Datasource, Time Resolution, Detector, As Percent Query, Start Date, and End Date. Below these fields, there are three panels: "Available Query Fields", "Hospital", and "Selected Query Fields". The "Available Query Fields" panel on the left lists various data categories, with "Hospital" highlighted. The "Hospital" panel in the center shows a "Search String" box containing "az", a list of hospitals under the heading "Available", and a "Selected" list. The "Selected Query Fields" panel on the right shows the "Geography System" and "Medical Grouping System" categories. At the bottom of the interface, there are buttons for "Table Builder", "Time Series", "Data Details", "Text Analysis", "Graph Builder", "Overview", "Adv Qry", "Explain Qry", "Reset", and "MyFilter: Create".

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Select the Hospital field. The Hospital List will appear. In the Search String box, enter "az" and "Apply".

Emergent Conditions

Visit of Interest Query

The screenshot displays the ESSENCE - NSSP Data Query 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. The main content area is titled "Query Wizard" and features a "Facility Location (Full Details)" dropdown menu. Below this, the "Available Query Fields" section lists various categories: Facility Location (Full Details), H/Filters, Geography System (Hospital HHS Region, Hospital State, Hospital Region, Hospital), Site, Patient Location, Medical Grouping System (ChiefComplaint/Syndrome, Syndrome, ChiefComplaints, Triage Notes Orig, Age Group, CDC ILI Reporting Age Group, NCHS Age Group, Ten Year Age Group), and ESSENCE Syndromes. The "Hospital" category is selected, showing a list of hospitals including AZ-Banner University Medical Center Phoenix, AZ-Banner University Medical Center South Campus, AZ-Banner University Medical Center-Tucson Campus, AZ-Chandler Regional Medical Center, AZ-Copper Queen Community Hospital, AZ-Copper Queen Community Hospital Douglas ED, and AZ-Deer Valley Medical Center. The "Selected" list on the right contains "AZ-Canyon Vista Medical Center". A red box highlights the "Select" button at the bottom of the "Selected" list. The bottom of the interface includes a "MyFilter:" field and a "Create" button.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Click on Select to move the Hospital Name to the Selected Query Fields.

Emergent Conditions

Visit of Interest Query

The screenshot displays the ESSENCE - NSSP Data Query web application. 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. The main content area is titled "Query Wizard" and contains several sections:

- Data Source:** Facility Location (Full Details)
- Time Resolution:** Daily
- Detector:** Regression/EWMA 1.2
- As Percent Query:** No Percentage Query
- Start Date:** 16Mar20
- End Date:** 24Mar20

The "Available Query Fields" section on the left lists various data categories, with "Hospital" highlighted. The "Hospital" section in the center features a "Search String" box containing "az", an "Apply" button, and a "Clear" button. Below this is a "Hospital List" showing a list of hospitals, including AK-Alaska Native Medical Center, AK-Alaska Regional Hospital, AK-Bartlett Regional Hospital, AK-Central Peninsula Hospital, AK-Cordova Community Medical Center, AK-Fairbanks Memorial Hospital, AK-Kenai Peninsula Hospital, and AK-Kodiak Island Medical Center. A "Selected" box is also present. The "Selected Query Fields" section on the right lists "Geography System" (Hospital) and "Medical Grouping System" (ESSENCE Syndromes). At the bottom, there are buttons for "Table Builder", "Time Series", "Data Details", "Text Analysis", "Graph Builder", "Overview", "Adv Qry", "Explain Qry", and "Reset". A "MyFilter" section with a "Create" button is also visible.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Select the Hospital field. The Hospital List will appear. In the Search String box, enter "az" and "Apply".

Emergent Conditions

Visit of Interest Query

The screenshot displays the ESSENCE - NSSP Data Query 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. The main content area is titled "Query Wizard" and contains several input fields: "Data Source" (Facility Location (Full Details)), "Time Resolution" (Daily), "Detector" (Regression/ENMA 1.2), "As Percent Query" (No Percentage Query), "Start Date" (10Mar20), and "End Date" (24Mar20). Below these fields is a "Available Query Fields" list on the left, which includes various demographic and clinical data points. The "C_Biosense_ID" field is highlighted in the list. To the right of the list is a "Selected Query Fields" panel, which currently shows "Geography System" (Hospital) and "Medical Grouping System" (ESSENCE Syndromes). At the bottom of the interface, there are buttons for "Table Builder", "Time Series", "Data Details", "Text Analysis", "Graph Builder", "Overview", "Adv Qry", "Explain Qry", and "Reset". A "MyFilter" section with a "Create" button is also visible.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Again Select the next query parameter in the Available Query Fields.

Emergent Conditions

Visit of Interest Query

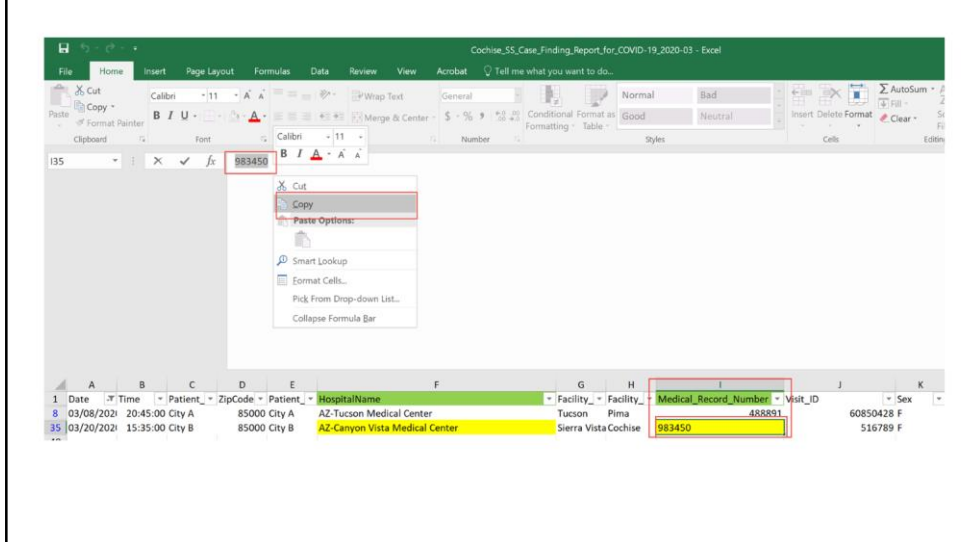
The screenshot displays the ESSENCE - NSSP Data Query interface. The top navigation bar includes links for Home, Alert List, myAlerts, myESSENCE, Event List, Overview Portal, Query Portal, Stat Table, Map Portal, Bookmarks, Query Manager, Data Quality, Report Manager, and More. The main content area is titled "Query Wizard" and contains several input fields: Data source (Facility Location (Full Details)), Time Resolution (Daily), Detector (Regression/EWMA 1.2), As Percent Query (No Percentage Query), Start Date (16Mar20), and End Date (24Mar20). Below these fields, there are two panes: "Available Query Fields" on the left and "Selected Query Fields" on the right. The "Available Query Fields" pane lists various fields, including "C_BioSense_ID", which is highlighted. The "Selected Query Fields" pane shows the selected field "C_BioSense_ID" and its sub-field "MedicalRecordNumber". The "MedicalRecordNumber" field is highlighted with a red box. The "Selected Query Fields" pane also includes a "Geography System" section with "Hospital" and "Medical Grouping System" options.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- In the C_BioSense_ID, use the following format to query the field for the Medical_Record_Number, “^Medical_Record_Number^”.

Emergent Conditions

MEDSIS Resources

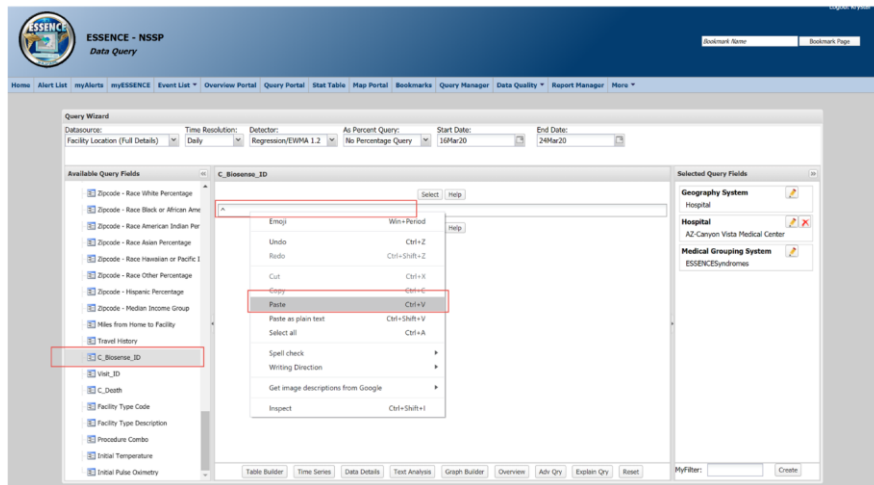


Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Copy the Medical_Record_Number from the spreadsheet.

Emergent Conditions

Visit of Interest Query



Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Paste the Medical_Record_Number into the C_BioSense_ID field in the format described above in NSSP ESSENCE.

Emergent Conditions

Visit of Interest Query

The screenshot displays the ESSENCE - NSSP Data Query interface. At the top, there is a navigation bar with links: Home, Alert List, myAlerts, myESSENCE, Event List, Overview Portal, Query Portal, Stat Table, Map Portal, Bookmarks, Query Manager, Data Quality, Report Manager, and More. The main content area is titled "Query Wizard" and includes several input fields: Data Source (Facility Location (Full Details)), Time Resolution (Daily), Detector (Regression/EWMA 1.2), As Percent Query (No Percentage Query), Start Date (16Mar20), and End Date (24Mar20). Below these fields, there are two panes: "Available Query Fields" and "Selected Query Fields". The "Available Query Fields" pane lists various fields, including "C_BioSense_ID", which is highlighted. The "Selected Query Fields" pane shows the selected fields, including "C_BioSense_ID". A red box highlights the "Select" button next to "C_BioSense_ID" in the "Available Query Fields" pane. At the bottom of the interface, there are buttons for "Table Builder", "Time Series", "Data Details", "Text Analysis", "Graph Builder", "Overview", "Adv Qry", "Explain Qry", and "Reset". A "MyFilter" field and a "Create" button are also present.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

Then Select C_BioSense_ID to move over to the Selected Query Fields.

Emergent Conditions

Visit of Interest Query

The screenshot shows the 'Query Wizard' interface. At the top, there are dropdown menus for 'Datasource' (Facility Location (Full Details)), 'Time Resolution' (Daily), 'Detector' (Regression/EWMA 1.2), 'As Percent Query' (No Percentage Query), 'Start Date' (16Mar20), and 'End Date' (24Mar20). Below these are two main panels: 'Available Query Fields' on the left and 'Selected Query Fields' on the right. The 'Available Query Fields' panel lists various fields, with 'C_Biosense_ID' selected. The 'Selected Query Fields' panel shows the selected fields: 'Geography System' (Hospital), 'Hospital' (AZ-Canyon Vista Medical Center), 'Medical Grouping System' (ESSENCE/Syndromes), and 'C_Biosense_ID' (~983450^). At the bottom, there are buttons for 'Table Builder', 'Time Series', 'Data Details' (highlighted with a red box), 'Text Analysis', 'Graph Builder', 'Overview', 'Adv. Qry', 'Explain Qry', and 'Reset'. A 'MyFilter' field and a 'Create' button are also present.

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Select the Data Details button to run the query with the Selected Query Fields to review the specific visit of interest.

Emergent Conditions Visit of Interest Query

ESSENCE - NSSP Data Details

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

[-] Description
[-] Query Options
[-] Configuration Options
[-] Graphs

Select Pie Chart(s):
 Hospital Site
 Patient Location
 Age Group
 CDC 10 Reporting Age Group
 Add Pie Chart

Select Bar Chart(s):
 Hospital Site
 Patient Location
 Syndrome
 HealthcareGrouping
 Add Bar Chart

Time Of Day Graph
 Time Interval (Integer between 1 and 360 minutes): 30
 Popup Time of Day Graphs

Available Links
[Download .zip file containing all graphs on this page](#) | [Download all selected graph data tables as a MS Excel file](#)
[Previous Day](#) | [Next Day](#)
[Time Series](#) | [Map View](#)
[Plain Text with Raw Values](#) | [Plain Text with Reference Values](#) | [MS Excel with Raw Values](#) | [MS Excel with Reference Values](#)

Data Details Table Configuration
 Data Details Single Record Configuration

Total Row Count: 1, Selected Row Count: 0

Record Viewer	PIN	Date	Time	Facility Name	Zipcode	Region	C.Patient_County	ChiefComplaintOrig	ChiefComplaintPhased	Category_Rpt
---------------	-----	------	------	---------------	---------	--------	------------------	--------------------	----------------------	--------------

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- Review the visit of interest in NSSP ESSENCE or export the Data Details to review in Excel.

Emergent Conditions

Visit of Interest Query

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources ESSENCE Line List

- To Export the Data Details, Select the hyperlink for MS Excel Raw Values. Make sure when you download any data or visualizations from NSSP ESSENCE it is done on a public health device.
- *Note: Example is intended for demonstration purpose and is NOT an actual visit of interest. Data details will show up below the column names for actual visits of interest.*

Emergent Conditions

MEDSIS Resources ESSENCE Line Lists

- Feedback Requested for:
 - How to improve Line Lists?
 - Do these meet your needs?
 - Have the Line Lists prompted any public health actions?

Contact Syndromicsurveillance@azdhs.gov for more information about the survey to sign up for ADHS MEDSIS Resources for ESSENCE Line Lists for Coronavirus

Emergent Conditions NSSP Updates

- **March 2020** (Topic: Syndromic Surveillance & COVID-19) - [Recording](#)
- **February 2020** (Topic: Where, Oh Where, Could Travel History Be?) - [Recording](#), [Slides](#), [Agenda](#)
- **February 2020 Ad Hoc Meeting** (Topic: Syndromic Surveillance & COVID-19) - [Recording](#)

2020 MEETINGS

March 2020 (Topic: Syndromic Surveillance & COVID-19) - [Recording](#)

February 2020 (Topic: Where, Oh Where, Could Travel History Be?) - [Recording](#), [Slides](#), [Agenda](#)

February 2020 Ad Hoc Meeting (Topic: Syndromic Surveillance & COVID-19) - [Recording](#)

NSSP ESSENCE CCDD Category Updates

- Check More Tab for recent CCDD Category syndromes added
- Review the Definition and additional information about syndrome

NSSP Updates

CC and DD Category Definitions

ESSENCE - NSSP Syndrome Definitions

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

CC and DD Categories

Search

More

- History of ESSENCE
- Syndrome Definitions
- Detector Algorithms
- Definition of Terms
- FAQ
- Users Guide
- Version Information

Category	Definition	Description	Date Cre...
CDC Sexual Violence v3	CCDD TERMS: ^1/ [T74.2^ OR ^1/ [T76.2^ OR ^1/ [Z56.81^ OR ^1/...	Description to be added	2019-09-25
CDC Tick Exposure v1	Chief Complaint TERMS: Tick ^ or ^ tick ^ or ^ tick or tick or ticks ^...	Description to be added	2019-09-25
CDC Lyme Disease v1	CCDD TERMS: ^1/ lyme ^ or ^ lyme ^ or ^ lyme or lyme ^ AND ^ dls...	Description to be added	2019-09-25
CDC Stimulants v3	CCDD TERMS: ^1/ [969.701239]/^ or ^1/ [969.701239]/^ or ^...	Description to be added	2019-10-10
CDC Alcohol v1	CCDD TERMS: ^1/ [900^ or ^1/ [F10.12]^ or ^1/ [F10.9^ or ^1/ [F...	Description to be added	2019-11-08
Marijuana v3	CCDD TERMS: ^1/ marij ^ or ^ marij ^ or ^ marihuana ^ or ^ marij ^...	Description to be added	2019-12-03
CDC Suicidal Ideation v1	Discharge Diagnosis, Admit Reason Combo, and Chief Complaint Hi...	Created by partners in the CDC's National Center for Injury Prevent...	2019-12-18
CDC Suicide Attempt v1	Discharge Diagnosis, Admit Reason Combo, and Chief Complaint Hi...	Created by partners in the CDC's National Center for Injury Prevent...	2019-12-18
SOC Disaster Related Mental ...	CCDD TERMS: ^1/ [F41.0138]^ or ^1/ [F41.0138]^ or ^1/ [F43.089...	This is a Syndrome Definition Committee community-developed sy...	2020-01-08
Foreign Travel v2	This CCDD Category does not have an exact ESSENCE query equal...	Description to be added	2020-01-23
CDC Coronavirus-DD v1	Search Discharge Diagnosis field: ^1/ [B34.2^ or ^1/ [B34.2^ or ^1/...	This query is designed to identify records with diagnostic codes and...	2020-02-14
CDC EVALI v1-Manually limit t...	Search CC and DD field. CCDD Category FreeText, SubSyndrome Fre...	This query is designed to identify records with diagnostic codes rec...	2020-02-14
CDC Influenza DD v1	Search CC and DD field: ^1/ [J09^ or ^1/ [J10^ or ^1/ [J11^ or ^1/...	Description to be added	2020-03-06
Fever and Cough-Sub-DiffB v1	Search SubSyndrome Free Text: ^1/ Fever or Chills ^ and ^1/ Cough ^...	Description to be added	2020-03-10
Fever and Cough-Sub-DiffB n...	Search SubSyndrome Free Text: ^1/ Fever or Chills ^ and ^1/ Cough ^...	Description to be added	2020-03-16

*Click row to view full definition and description

NSSP Updates

CDC Coronavirus-DD v1

Category: CDC Coronavirus-DD v1

Definition:
Search Discharge Diagnosis field: ^[/]B34.2^,or,^[/]B342^,or,^[/]B97.2^,or,^[/]B972^,or,^[/]J12.81^,or,^[/]J1281^,or,^[/]J079.82[/] ^,or,^[/]J07982[/] ^,or,^[/]J480.3[/] ^,or,^[/]J4803[/] ^,or,^[/]V01.82[/] ^,or,^[/]V0182[/] ^,or,^[/]J27619001[/] ^,or,^[/]J186747009[/] ^,or,^[/]J651000146102[/] ^,or,^[/]J713084008[/] ^,or,^[/]J398447004[/] ^,or,^[/]J408688009[/] ^,or,^[/]J441590008[/] ^,or,^[/]J715882005[/] ^,or,^[/]J840539006[/] ^,or,^[/]J840534001[/] ^,or,^[/]J840544004[/] ^,or,^[/]J840546002[/] ^,or,^[/]J840536004[/] ^,or,^[/]J840535000[/] ^,or,^[/]J840533007[/] ^

Description:

This query is designed to identify records with diagnostic codes associated with any Coronavirus, including SARS, MERS, 2019 Novel Coronavirus (COVID-19), other Coronaviruses, and unspecified Coronavirus infections. This includes diagnostic codes (ICD-10, ICD-9, and SNOMED) that are specific to Coronaviruses. It is suggested that the results of this query be interpreted in the context of symptom-based queries for additional context.

NSSP Updates

CDC Influenza DD v1

Category:

CDC Influenza DD v1

Definition:

Search CC and DD field: (^/ J09^ or ^/ J10^ or ^/ J11^ or ^/ J487 J018/ J^ or ^/ J487 J018/ J^ or ^/ J488 J018 J19/ J^ or ^/ J488 J018 J19/ J^ or ^/ J442696006/ J^ or ^/ J442438000/ J^ or ^/ J6142004/ J^ or ^/ J195878008/ J^.)

Description:

Description to be added

Save Description

Close

NSSP Updates

The screenshot shows a software window titled "Fever and Cough-Sob-DiffBr v1". Inside the window, there are three main sections:

- Category:** Fever and Cough-Sob-DiffBr v1
- Definition:** Search SubSyndrome Free Text: (.^;FeverorChills;.^,and,(.^;Cough;.^,or,.^;DifficultyBreathing;.^,or,.^;ShortnessOfBreath;%,.))
- Description:** A large text area containing the placeholder text "Description to be added".

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

NSSP Updates

CDC Influenza DD v1

Category:

CDC Influenza DD v1

Definition:

Search CC and DD field: { ^[/ J09^,or,^[/ J10^,or,^[/ J11^,or,^[/ J487,018][/]^,or,^[/ J487,018][/]^,or,^[/ J488,018][19][/]^,or,^[/ J488,018][19][/]^,or,^[/ J422696006[/]^,or,^[/ J422438000[/]^,or,^[/ J6142004[/]^,or,^[/ J195878008[/]^,}

Description:

Description to be added

Save Description

Close

NSSP Updates

The screenshot shows a software window titled "Fever and Cough-Sob-DiffBr neg Influenza DD v1". Inside the window, there are three main sections:

- Category:** Fever and Cough-Sob-DiffBr neg Influenza DD v1
- Definition:** Search SubSyndrome Free Text: (^FeverorChills;^and,(^Cough;^or,^DifficultyBreathing;^or,^ShortnessOfBreath;^,)) and then also search CCDD Category Free Text for: isnull,or,^andnot,(^influenza dd v1^,)
- Description:** A large text area containing the placeholder text "Description to be added".

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

NSSP Updates

SDC Disaster Related Mental Health v1

Category:SDC Disaster Related Mental Health v1

Definition:

CCDD TERMS: ^[/]F41.[0138]^,or,^[/]F41[0138]^,or,^[/]F43.[089]^,or,^[/]F43[089]^,or,^[/]r45.7^,or,^[/]r457^,or,^overwhelm^,or,(^[/]:)stress^,or,stress^,).andnot,(^stress test^,or,^fetal stress^,or,^stress fracture^,or,^stressfracture^,).or,^anxiety^,or,^anxi[ou] [ou]^,or,^aniety^,or,^axiety^,or,^anexiy^,or,^anxiety^,or,^ansiety^,or,^anxety^,or,^anxity^,or,^nerv[ou] [ou]^,or,^panic^,or,^mental health^,or,^MH eval^,or,^MHE^,or,^situational crisis^,or,^crisis eval^,or,(^Psych^,and, (^eval^,or,^consult^,).)

Description:

This is a Syndrome Definition Committee community-developed syndrome definition for mental health conditions likely to increase in emergency department frequency during and after natural or human-caused disaster events. This syndrome definition attempts to leverage only mental health conditions and presentations that showed increases in visit frequency after select disasters in the United States. There are no disaster-related terms inherent to this query, rather the SDC decided to leave it to the user to leverage event-specific terms.

SDC members reviewed mental health presentations and selected possible post-disaster ED presentations captured in syndromic data across the USA. ICD10 codes were reviewed for conditions related to Stress, Anxiety, Phobic Anxiety,

Save Description

Close

ESSENCE Concepts

- Coronavirus_TS query has been removed from Natasha's Close's dashboard as WA has transitioned from case finding to trends.
- Download new dashboards from Amanda for new information.

ESSENCE Concepts

- Amanda Morse has shared new dashboards
 - COVID-Related Age Groups
 - COVID-Related Quick View

ESSENCE Concepts

ESSENCE - NSSP
myESSENCE

Logout Key

Bookmark Name Bookmark Page

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

myESSENCE Tab Library Home Arboviral Syndromic Surveillance AZ HRG 2017 June Heat Wave Zika_Chik_Dengue Dashboard WNV/SLE Queries Arboviral Syndromic Surveillance

co Upload Download Delete Edit Close

☐	Tab Title	Tab Description	Uploaded By	Uploaded Date	Managed	Geography Cleared
☐	Visits of Interest	Data details of records with "visit of interest"...	Natacha Close, Washington State Department of Health	12/03/2019	✓	
☐	Cold-related illness	Trends in CRI, CRI+homeless, Storm, CO, MVC...	Natacha Close, Washington State Department of Health	12/03/2019		✓
☐	County and AZ Comparison	For Arizona users with access to their local ju...	Sara Chronister, Maricopa County Department of Public Health	12/05/2019	✓	
☐	Coronacous	Developed to identify and monitor patients t...	Natacha Close, Washington State Department of Health	01/21/2020	✓	
☐	Cold-Related illness (environmental)	Trends in Cold-related illness (CRI) such as hy...	Natacha Close, Washington State Department of Health	02/04/2020		
☐	Home	No description	Haydee Dabritz, Yolo County Dept of Health - CA	02/05/2020		
☐	Home	No description	Haydee Dabritz, Yolo County Dept of Health - CA	02/05/2020	✓	
☐	WA_COVID-19_surveillance_rpt		Karey Rottis, Washington State Department of Health	03/02/2020	✓	✓
☐	COVID-Related By Age Groups	Year-over-year all age and age stratified look...	Amanda Morse, Washington State Department of Health	03/11/2020	✓	✓
☐	COVID-Related Quick View	Created as a quick view companion to COVID...	Amanda Morse, Washington State Department of Health	03/11/2020	✓	✓
☐	Lab Data for COVID19 Response	Developed to identify and monitor Coronavir...	Lakshmi RadhakrishnanCA, Surveillance and Data Branch	03/16/2020	✓	
☐	COVID19 Like by Region		Stacey Hofenka, Illinois Dept. of Public Health	03/19/2020		

AZ BioSense Opioid Workgroup

- **Presentation Part 2: by Sasha Harb, Pima County Health Department, Epidemiologist, MPH, Community Surveillance and Investigation**
 - Sitting in on the Pima County Bi-weekly Overdose Surveillance Meeting
 - How Pima County compiles and uses multiple data sources to make decisions for public health actions in response to opioid overdoses (Part II).

Discussion/Open Mic

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

AZ BioSense
Workgroup

Tuesday, April
7 from 1:00 –
2:00

Exploratory Analysis
Subgroup/ AZ
BioSense Opioid
Workgroup

Thursday, April
23rd from
1:00 – 2:00

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