

Welcome!

*Please proceed to your assigned team's room and get set-up.
See BaseCamp for set-up to-dos.*

Team	Room
PURPLE	Here
BLUE	Mavric
BLACK	Central Square
ORANGE	Board Room



NSSP Data Sharing Workshop **Northeast Region**

Hosted by: The Council of State and Territorial Epidemiologists
Tuesday, June 11th, 2019 – Wednesday, June 12th, 2019
Boston, MA

Warm-up!

1. Find your other half
2. Introduce yourself: Last song heard
3. Interpret the full quote

With all matches, we'll do introductions
and share quotes and interpretations

Warm-up: Proverbs

A bad worker... ..blames his tools.	Australia
Words are like spears... ..once they leave your lips, they can never come back.	Benin
Talk... ..does not cook rice	China
A bad word worshipped... .. will echo a hundred miles.	China
All things are difficult... ..before they are easy.	China
An invisible thread... ..connects those who are destined to meet.	China
Some men go through a forest... ..and see no firewood.	English
When spiders unite... ..they can tie up a lion	Ethiopia
Truth is more valuable... ..if it takes you a few years to find it.	France
Starting is easy... ..persistence is an art.	Germany
Plant only one seed of virtue... ..much fruit will be harvested	Mongolia
People who do not break things first... ..will never learn to create anything.	Philippines
Even though you know a thousand things... ..ask the woman who knows one.	Turkey

Workshop Overview

Purpose, course and schedule



Who's here?

Our cohort comes together from across states in HHS Regions 1, 2, and 3.

Collectively, we have:

Years Working in Public Health

154

Total Combined Years

11

Average Years

(Range 0 – 25 Years)

Years Working in Current Jurisdiction

106

Total Combined Years

8

Average Years

(Range 0 – 18 Years)

Years Working with SyS Systems

108

Total Combined Years

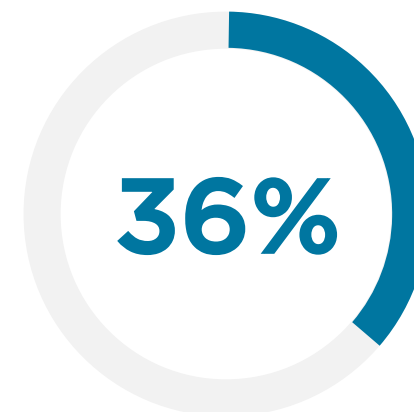
8

Average Years

(Range 0 – 16 Years)

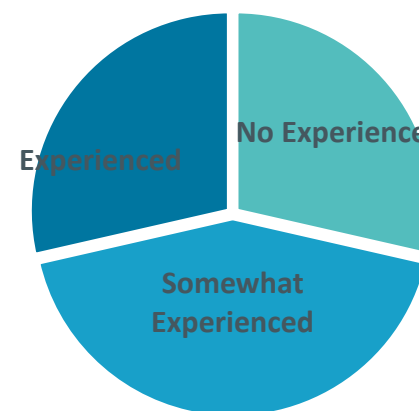
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6/12/19



Prior Participation

Have previously participated in at least one regional SyS Data Sharing Workshop between 2013-2016



Self-rated Experience Level

Cohort represents a range of experience with using ESSENCE on the BioSense Platform

Workshop Purpose + Objectives

Purpose

The purpose of your data sharing workshop is to strengthen public health agency capacity for syndromic surveillance (SyS) and enhance situational awareness using real-time electronic health data from emergency department (ED) settings through interjurisdictional data sharing and surveillance practice collaborations.

Objectives

By the end of the workshop, participants will have...

1. Enhanced syndromic surveillance skills to better support agency activities for opioid crisis response
2. Examined and shared best practices in SyS analytic methods and NSSP tool use
3. Developed action steps for establishing or strengthening interjurisdictional data sharing
4. Fostered collaborations among the peer network of surveillance professionals

Workshop Process | Step 3: In-person



Your in-person collaborative work and discussions with your colleagues will be the third step in our process. The workshop agenda will be tailored in Step 1, and materials will be developed and gathered in Step 2.

This is by far the most exciting part of our work together, and a valuable time for you to strengthen partnerships and set an action plan for future work.

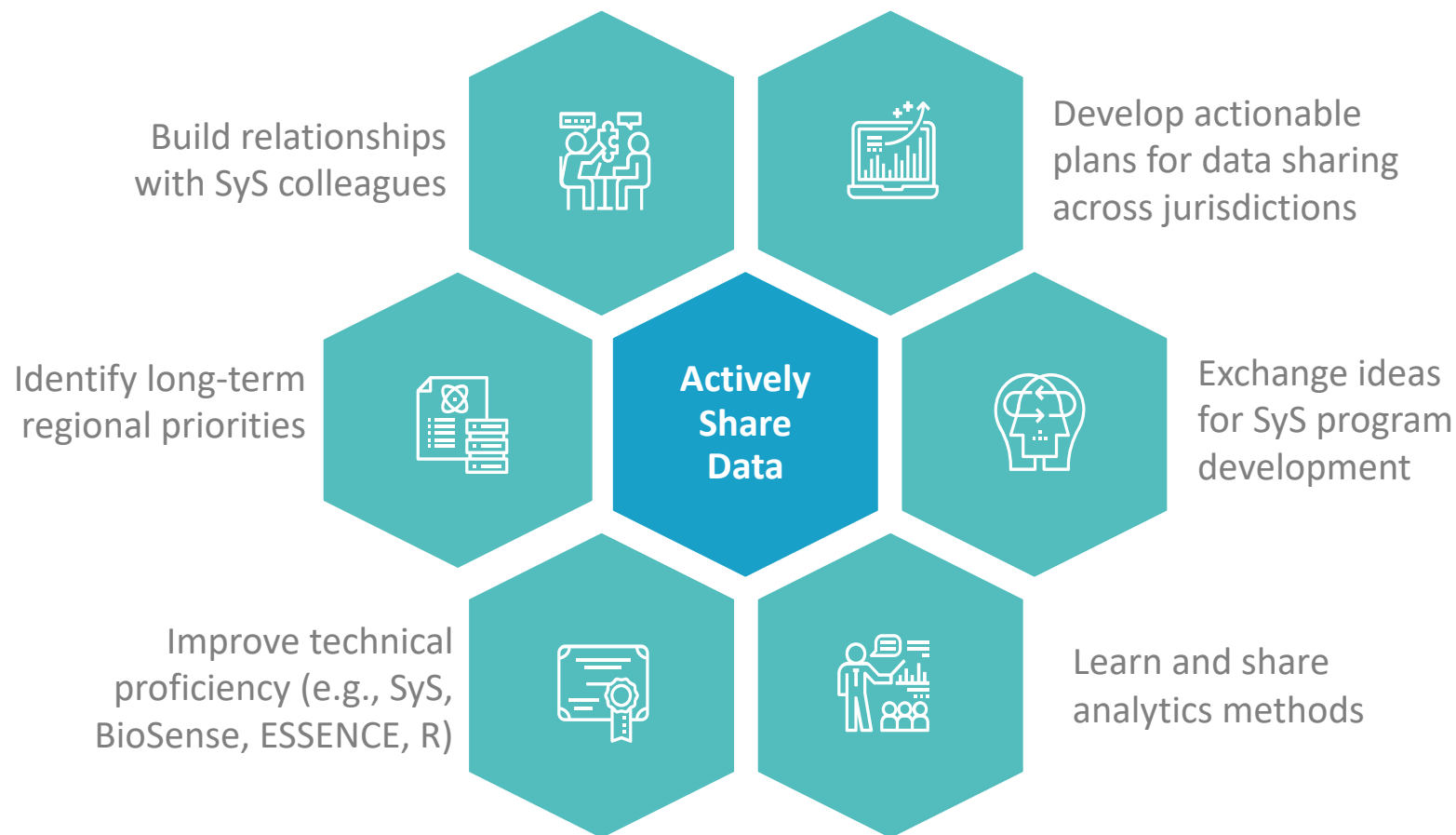
Please bring the following materials to the workshop:

- A laptop capable with internet networking capabilities
- Access to the BioSense Platform
- The tools necessary to prepare, analyze, and visualize ED visit data for the workshop activity



Expectations

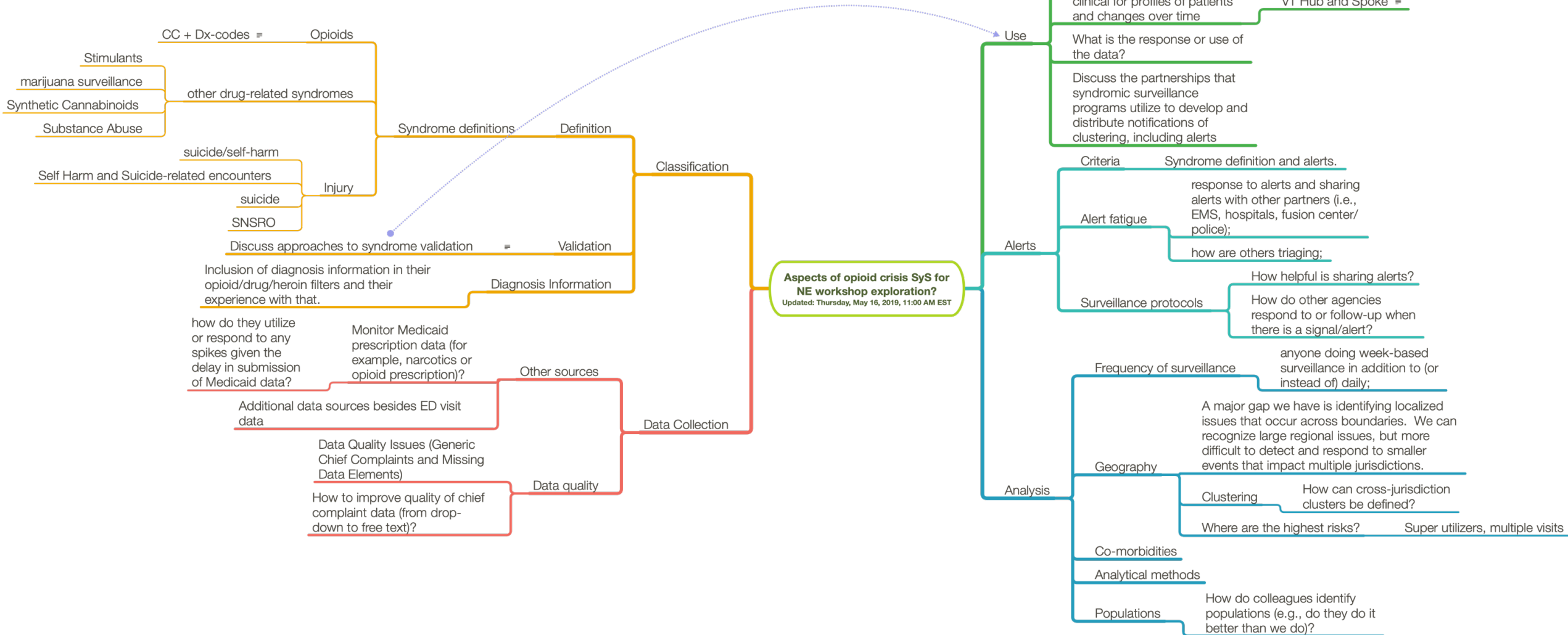
Common Goals for Workshop



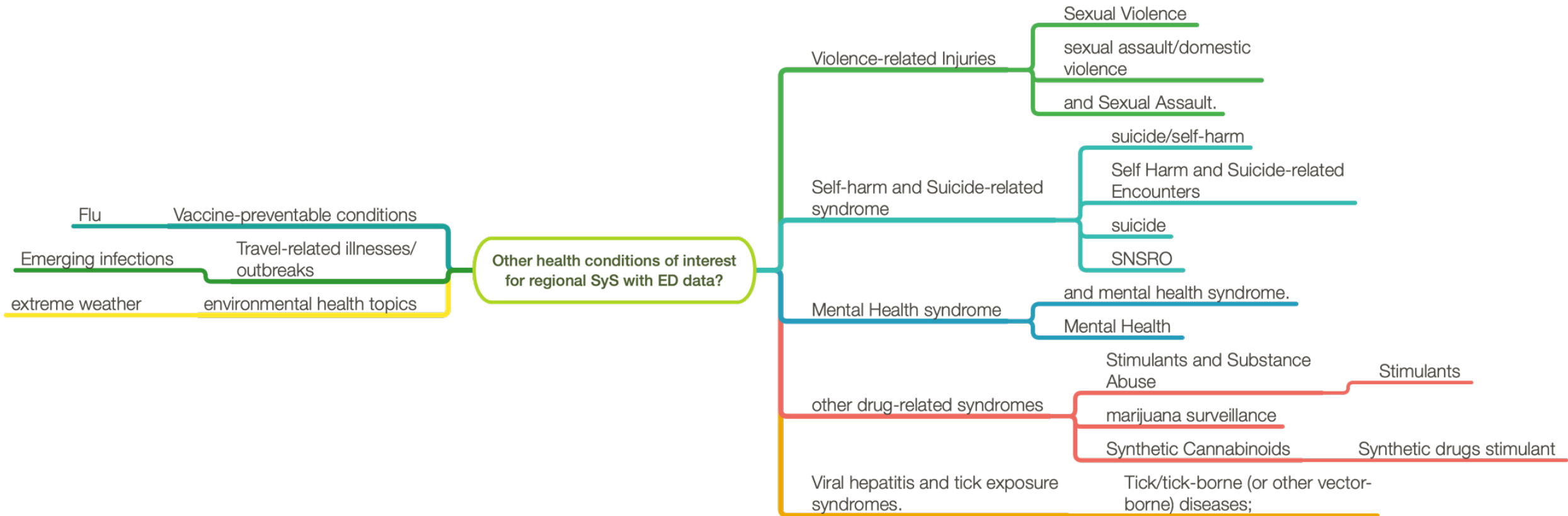
Topics and Questions to Explore

- Managing use of SyS across departments
- Examples of previous successful SyS sharing across states
- Optimal level of data for sharing purposes
- Technical and security concerns
- Recruiting and working with data senders
- Data quality
- Protocols for responding to alerts/clusters
- Sharing outbreak information with the public
- Collecting non-required priority data elements

Interests | Opioid Surveillance



Other Interests



Overall Workshop Course

Day 1: Realize the value

3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise

Realize value

1. Evaluate classifiers
2. Make surveillance products
3. Explore application/use

Appreciate value

1. The value is ____
2. With more we could ____
3. Readiness and solutions
4. Mini-project planning

Post-Workshop

Follow-up virtual meeting to support advancement of collaborative mini-projects

Day 2: Appreciate the value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Day 1 - NSSP Data Sharing Workshop | NE Regional

Schedule

Start 9:30

○ Warm-up

○ Overview

○ Activity – Part 1

Break 1:00

○ Lunch

○ Activity – Part 2

○ Activity – Part 3

Recess 5:30

○ Warp-up / Preview Day 2

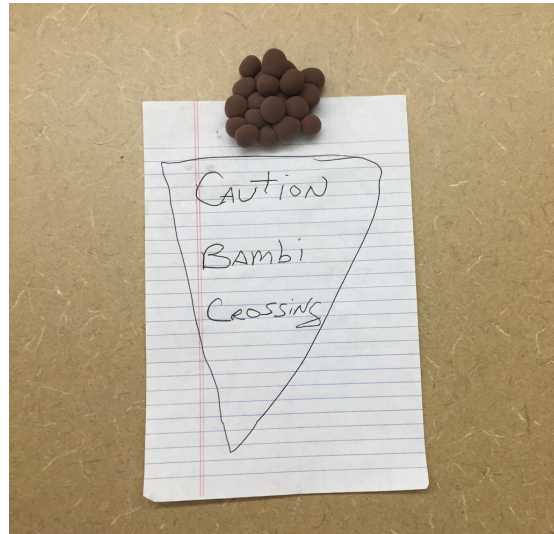
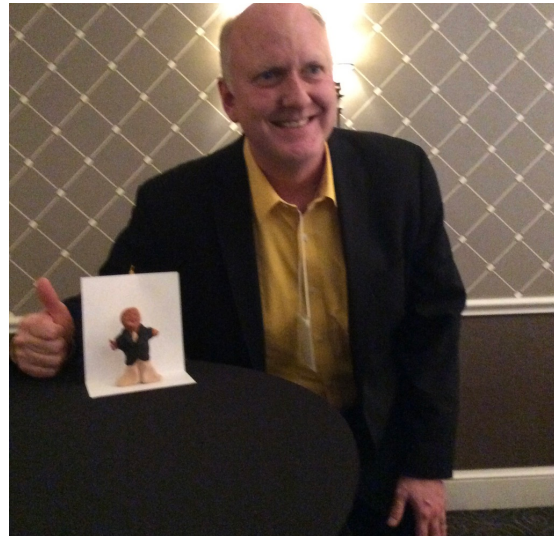
Announcements

facility and logistical information

Meeting Art

Lego and clay are yours to use when you need a fidget or something to inspire new ideas.

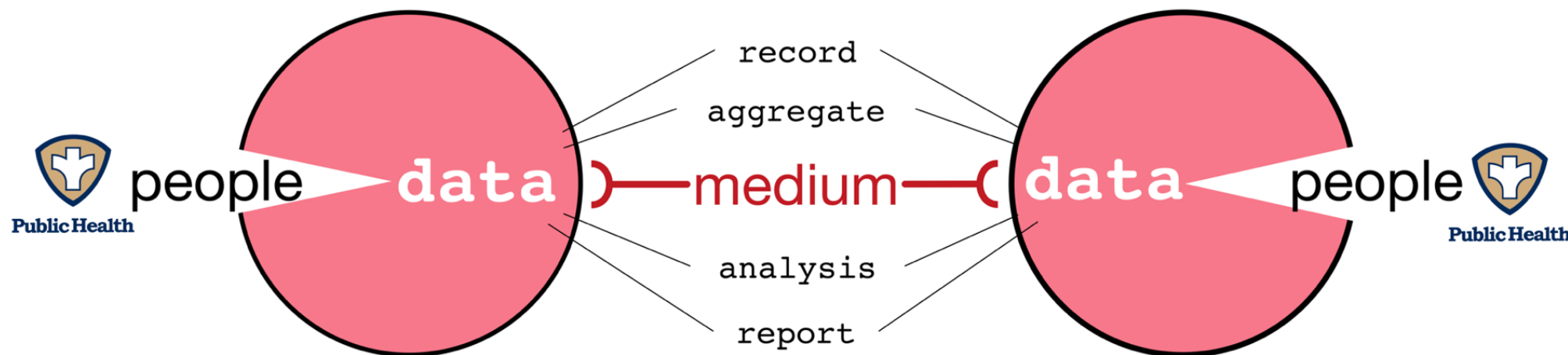
Leave them to be photographed!



“Data Sharing”

The benefits of sharing syndromic surveillance data include: Strengthening health security, building public health surveillance capacity, and informing new and more effective public health interventions. For this workshop, we shall define data sharing as providing another governmental authority with access and permission to utilize either line/record or aggregate-level emergency department visit data for public health purposes.

experience insight solutions



Authorized people share public health data through a medium (e.g., BioSense Platform). Those data may be shared at different levels of granularity ranging from a patient record (most granular) to a report (least granular). This sharing is most beneficial and useful when the parties routinely exchange epidemiological experiences, insights and solutions.

Data Sharing Activity Overview

NE Data Sharing Activity

Evaluate and visualize opioid crisis syndromes, and explore utilization practices

Using BioSense Platform tools (e.g., AMC, ESSENCE, etc.), work in small groups (5-6 people) to evaluate and improve syndrome classifiers, and then apply those to analyses and visualizations that provide useful opioid crisis surveillance information.

Groups will be assigned to ensure equal distribution of SyS experience and skill. Every effort will be made to create groups with shared geographic borders.

CDC SMEs will be available to assist, collaborate and learn.

Part 1: Classifier evaluations

Use SyS CoP guidance on CDC-developed syndrome classifiers: All OD, opioid, heroin, stimulants



Part 2: Analytics and visualizations

Create Dashboards and myAlerts for examining temporal and spatial trends, descriptive population characteristics.



Part 3: Application/use

Synthesize experience and devise approaches to reporting and action protocols that may inform prevention and resource allocation



NE Data Sharing Activity

Part 3: Application/use

5. Alerts
6. Prevention and response



Part 1: Classifier evaluations

1. Overall public health concern
2. Classifier
 - Scope and purpose
 - Evaluation
 - Query share revisions



Part 2: Analytics and visualizations

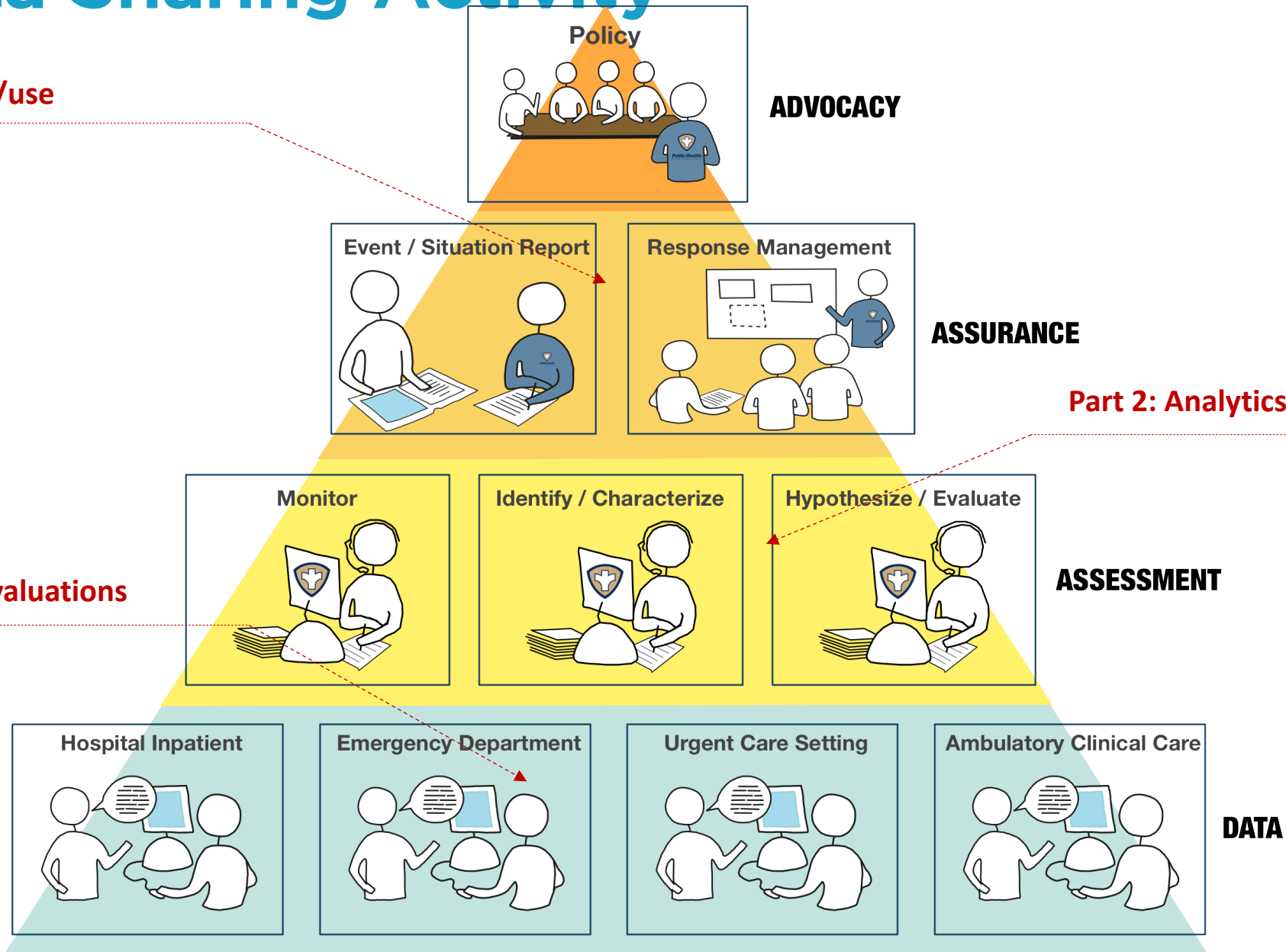
3. Analyses
 - Person, place and time
4. Products
 - Dashboards



NE Data Sharing Activity

Part 3: Application/use

Part 1: Classifier evaluations



Activity 1

Evaluation

Activity 1 Evaluation

Objectives

- 
1. describe the classifier's scope and purpose using identified evaluation guidelines,
 2. describe the rationale for making or not making refinements, and
 3. possess a rudimentary ability to manipulate the tools and resources available on the BioSense Platform.

Outputs

1. Defined purpose of the classifier as related to a public health concern
2. Evaluated shared classifier
3. Report to larger group



Activity 1 Evaluation

Process

Two part activity



Part 1- Describe the classifier and syndrome you are going to look at

Break

Part 2- Use the BioSense Platform to explore the classifier performance

Break into 4 groups, with 1 person operating BioSense ESSENCE.
Record your findings on the flipcharts.

Workshop Teams

Team	Classifier
PURPLE	All Overdose
BLUE	Heroin
BLACK	Opioid
ORANGE	Stimulant

*If you get stuck on a technical issue,
ask one of the NSSP super users.*

+ New...

Reference Materials

Unsorted



HIDTA MAP May 2018.pdf

Knowledge Repository

ISDS Webinar Library

ESSENCE Online Training Course



Quick Start Guide to AMC Data Access Rules.pdf



DOCX

CDC Stimulant Definition v2.docx



DOCX

CDC Opioid Definition v2.docx



DOCX

CDC Heroin Definition v4.docx



DOCX

CDC All Drug Definition v1.docx



SDC_Syndrome Definition Guidance...

Lunch

Resume @ 2:00 PM



Day 1 - NSSP Data Sharing Workshop | NE Regional

Schedule

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○ Activity – Part 2

○ Activity – Part 3

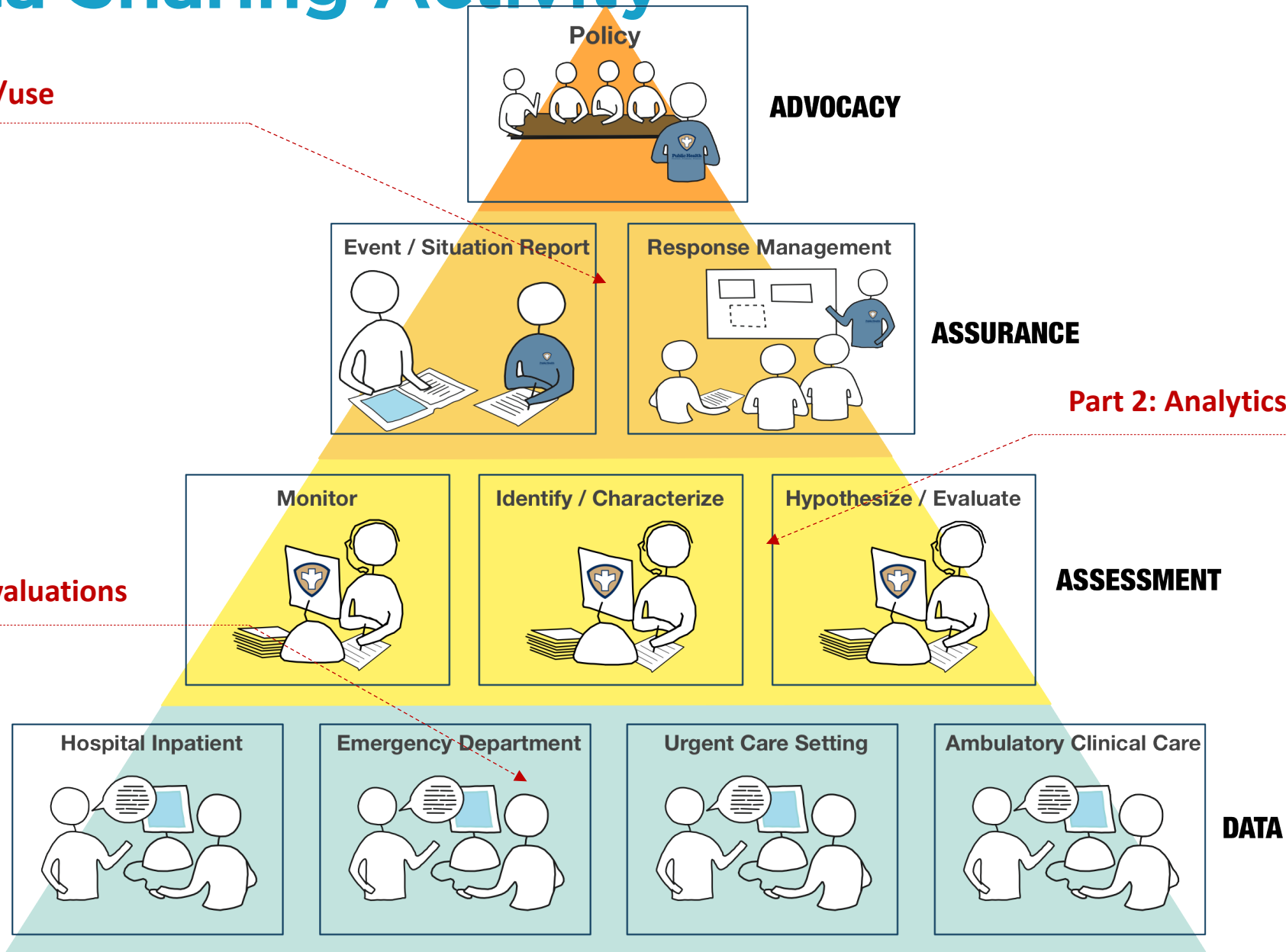
Recess 5:30

○ Warp-up / Preview Day 2

NE Data Sharing Activity

Part 3: Application/use

Part 1: Classifier evaluations



Part 2: Analytics and visualizations

Part 1 – Classifier Evaluation

1. What is your team's definition of the public health concern, and how does that relate to the classifier's surveillance scope and purpose?
2. Why did your team change or not change the classifier? If it was changed, how does it differ from where you started?
3. What caveats or other descriptors should accompany this classifier to help with the interpretation of results?
4. What public health action would your team propose from a surveillance signal?

Activity Part 2

Analyze

Activity 2 Analyze

Objectives

- 
1. utilize a shared data set for syndromic surveillance analysis;
 2. create, save, and share timeseries dashboards;
 3. create, save, and share geospatial dashboards; and
 4. create, save, and share myAlerts in the BioSense ESSENCE environment.

Outputs

1. Surveillance “package” of:
 - **timeseries**
 - **map**
 - **alert**
2. Three high-level talking points reported to larger group



Day 1 Summary

...and Day 2 preview



Overall Workshop Course

Day 1: Realize the value

3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise

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Appreciate value

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Post-Workshop

Follow-up virtual meeting to support advancement of collaborative mini-projects

Day 2: Appreciate the value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Day 2 - NSSP Data Sharing Workshop | NE Regional

Schedule

Start 9:00

- Reconvene
- Appreciate data sharing value
- Sharing readiness and solutions

12:00

- Lunch
- Action planning

End 3:00

- Conclusion



Recess | Day 1

Tomorrow, 9:00 AM Start Time



Welcome back!

**GET READY TO POLL EVERYWHERE
PLEASE OPEN AN INTERNET
BROWSER TO:
[POLLEV.COM/KAHUINA](https://pollev.com/kahuina)**



NSSP Data Sharing Workshop

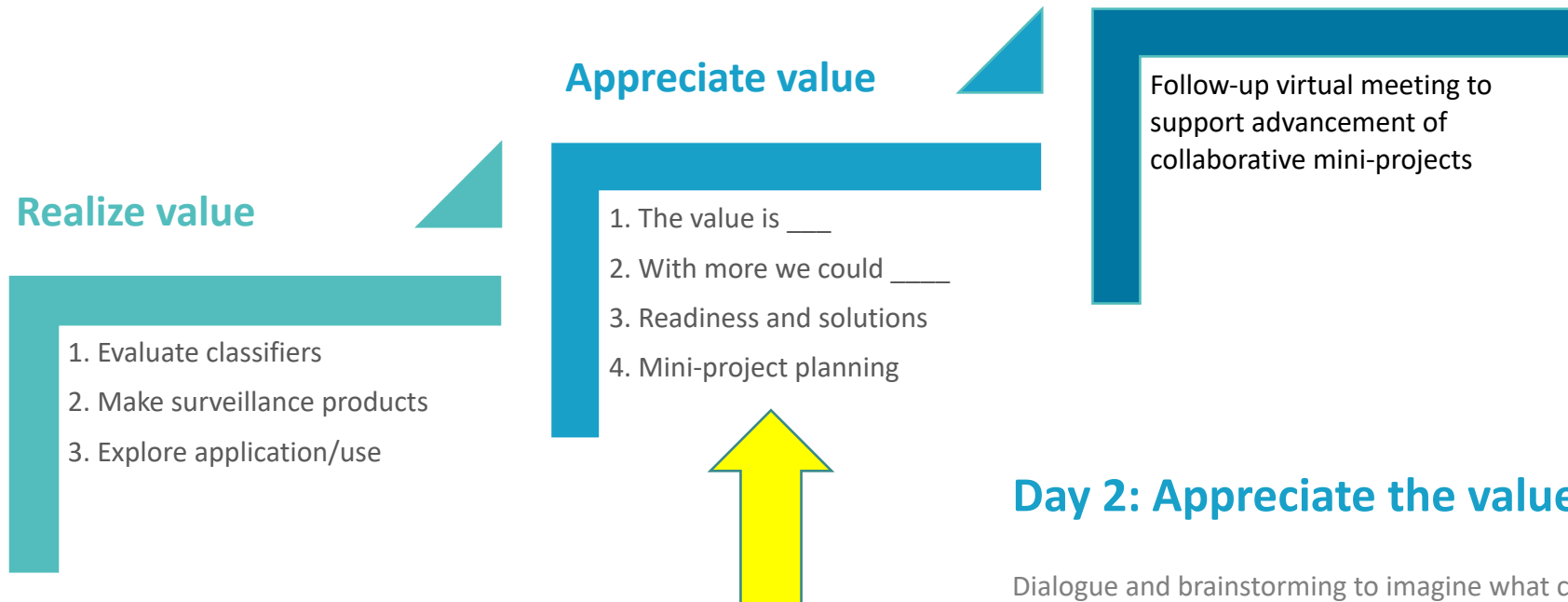
Northeast Regions

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Overall Workshop Course

Day 1: Realize the value

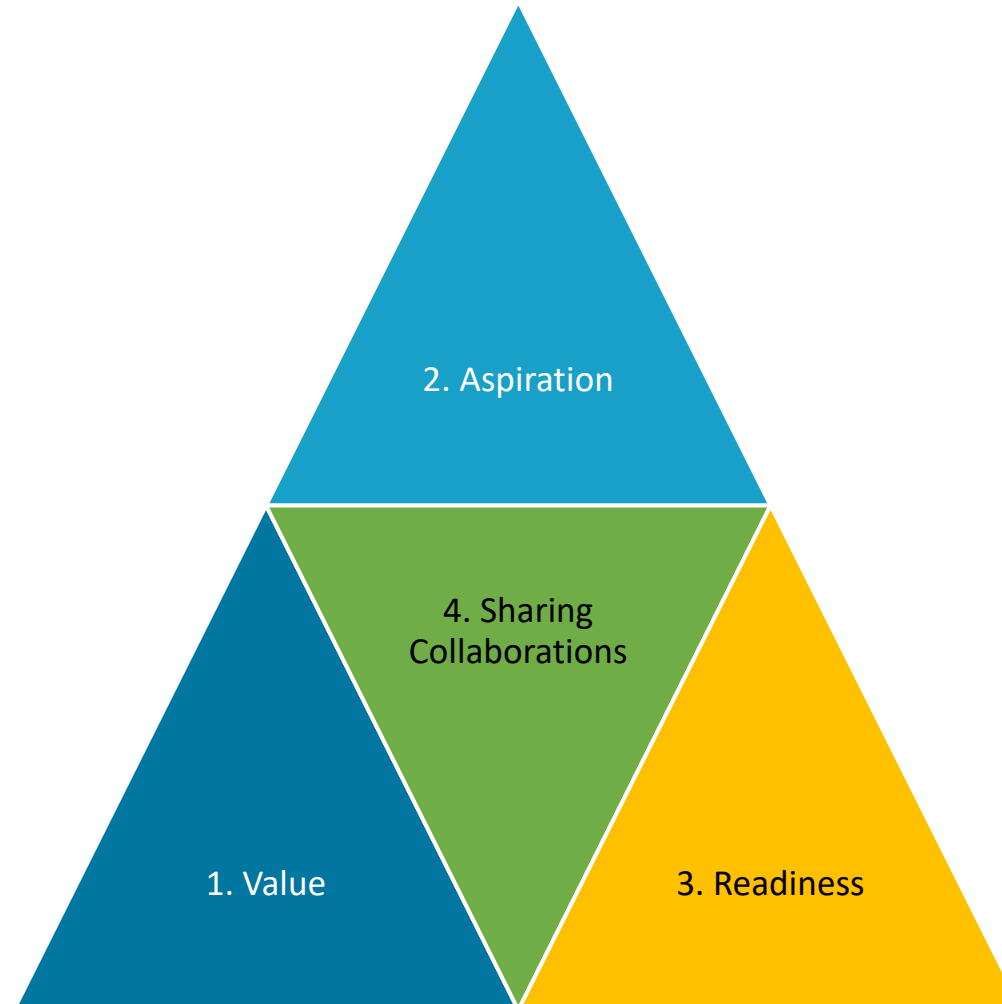
3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise



Day 2: Appreciate the value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Day 2 | Appreciate data sharing value



Day 2 - NSSP Data Sharing Workshop | NE Regional

Schedule

Start 9:00



Reconvene



Appreciate data sharing value



Sharing readiness and solutions

12:00



Lunch



Action planning

End 3:00



Conclusion

Reflections from Day 1

How did your attitudes or beliefs about data sharing through BioSense Platform tools change?

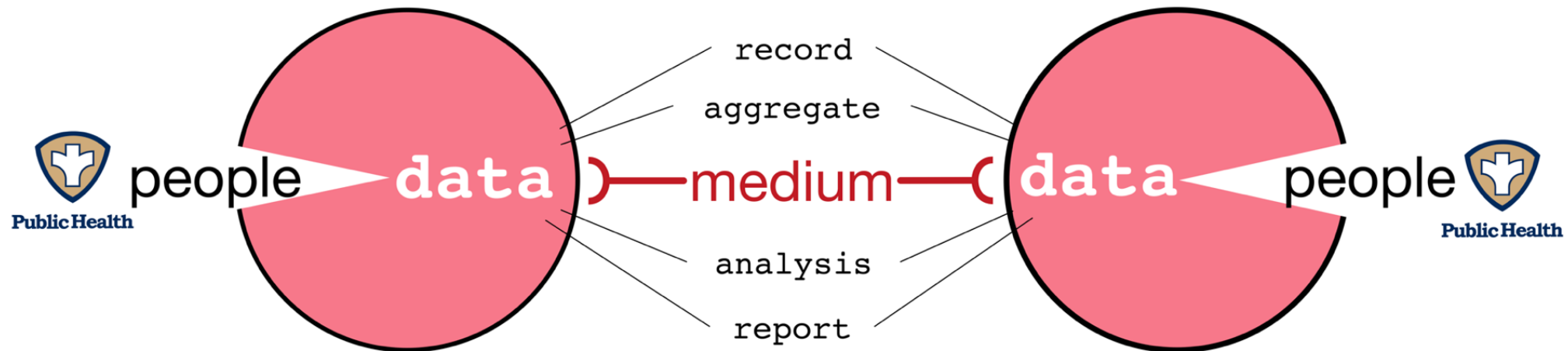
Planning Assumptions

For today, what are we talking about regarding data sharing?

“Data Sharing”

The benefits of sharing syndromic surveillance data include: Strengthening health security, building public health surveillance capacity, and informing new and more effective public health interventions. For this workshop, we shall define data sharing as providing another governmental authority with access and permission to utilize either line/record or aggregate-level emergency department visit data for public health purposes.

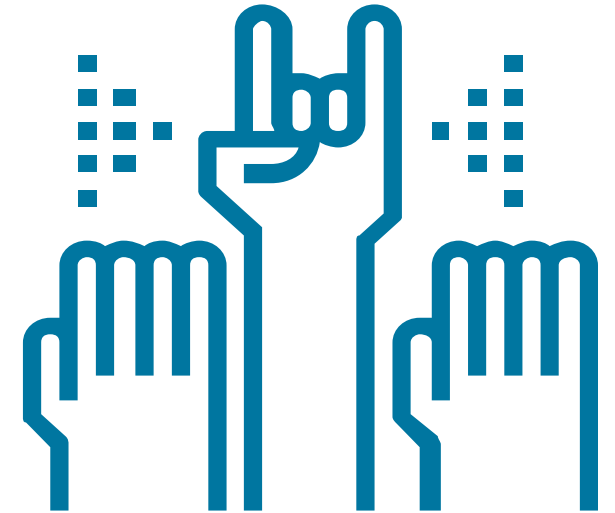
experience insight solutions



Authorized people share public health data through a medium (e.g., BioSense Platform). Those data may be shared at different levels of granularity ranging from a patient record (most granular) to a report (least granular). This sharing is most beneficial and useful when the parties routinely exchange epidemiological experiences, insights and solutions.

Assumptions for today's work

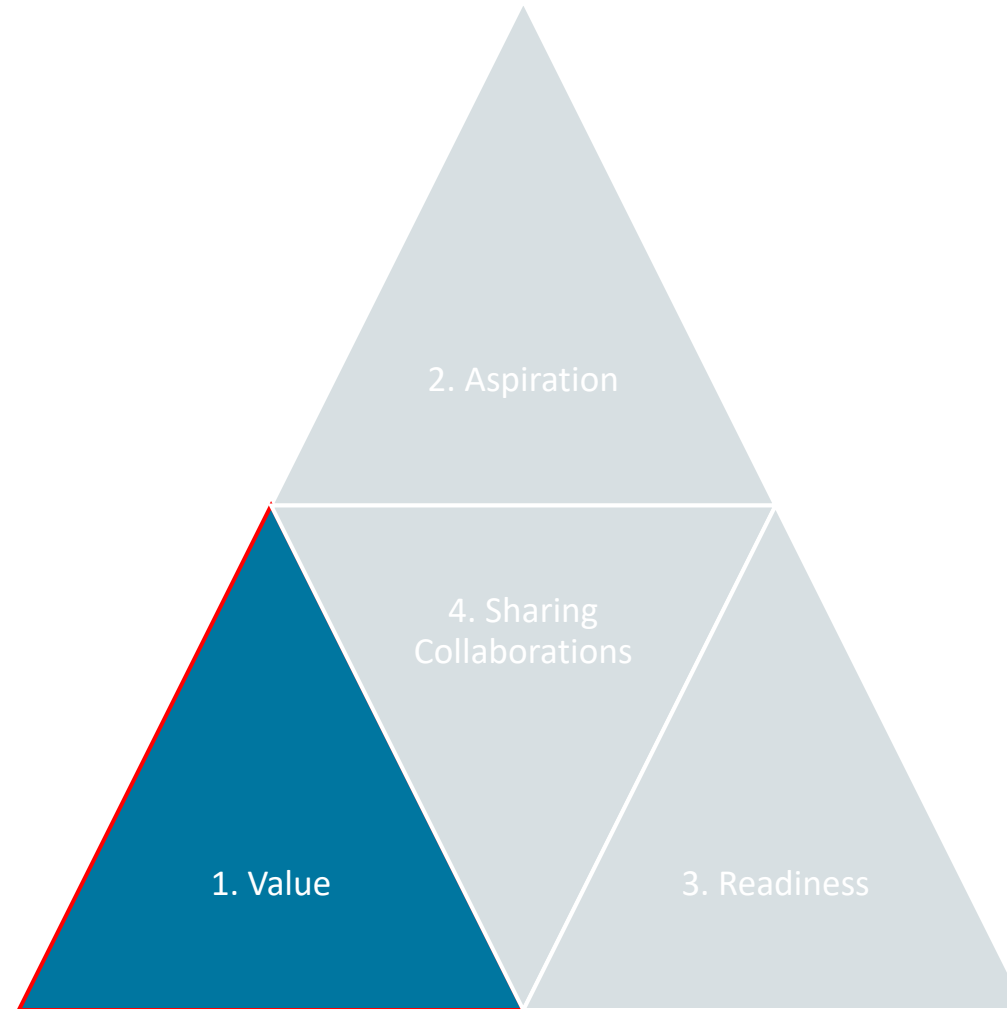
1. Limit discussion to sharing...
 - a. ...SyS healthcare facility encounter data, i.e., hospitals and urgent care
 - b. ...on the BioSense Platform
 - c. ...for opioid crisis public health purposes
2. Everyone wants to share data at...
 - a. ... facility location with details
 - b. ... patient location with details
3. Sharing parties are...
 - a. ...other BioSense Platform sites
 - b. ...CDC programs



Value + Aspiration

What brought joy and delight to yesterday's sharing and collaborations?
What would it be like to have more of that.

Day 2 | Appreciate data sharing value



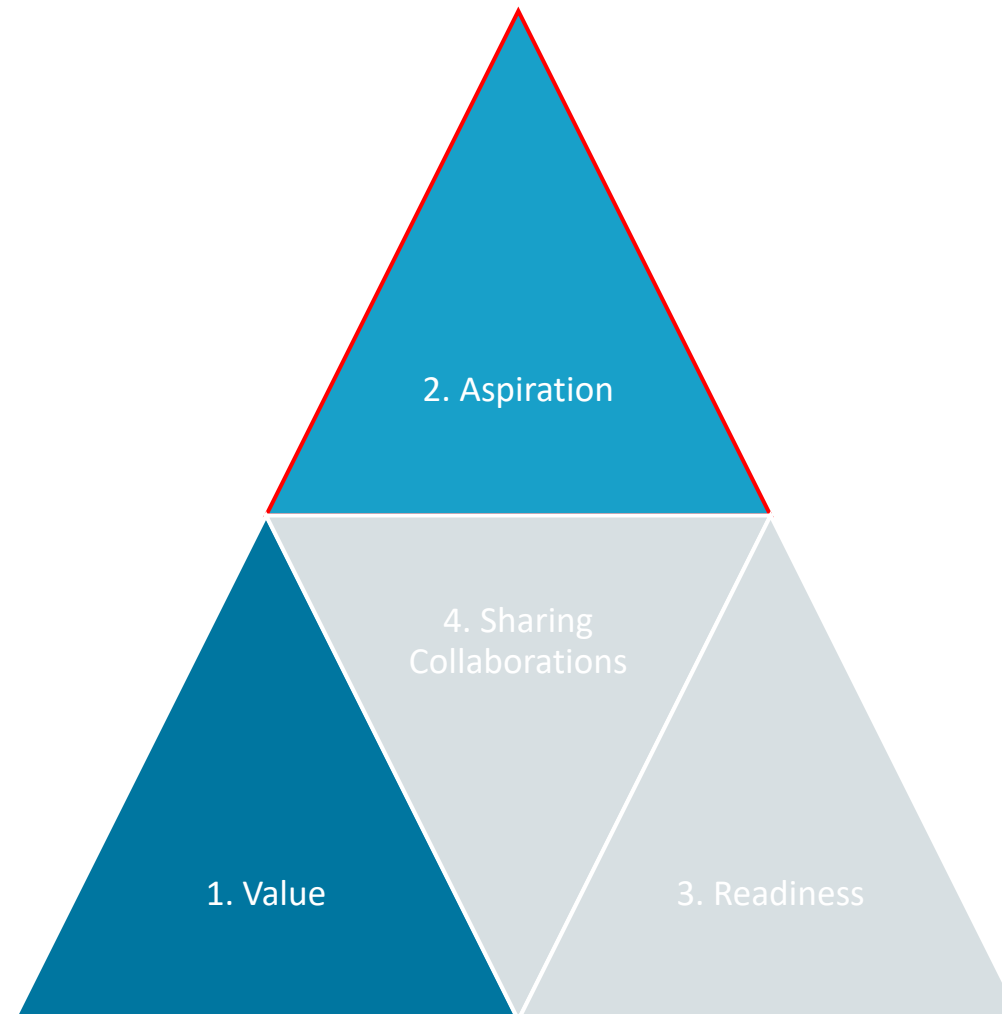
example

“_____ delights me in a song.”

recognize and honor the value

“ _____ was delightful or super useful when you shared data and collaborated with me yesterday.”

Day 2 | Appreciate data sharing value



imagine more to aspire for

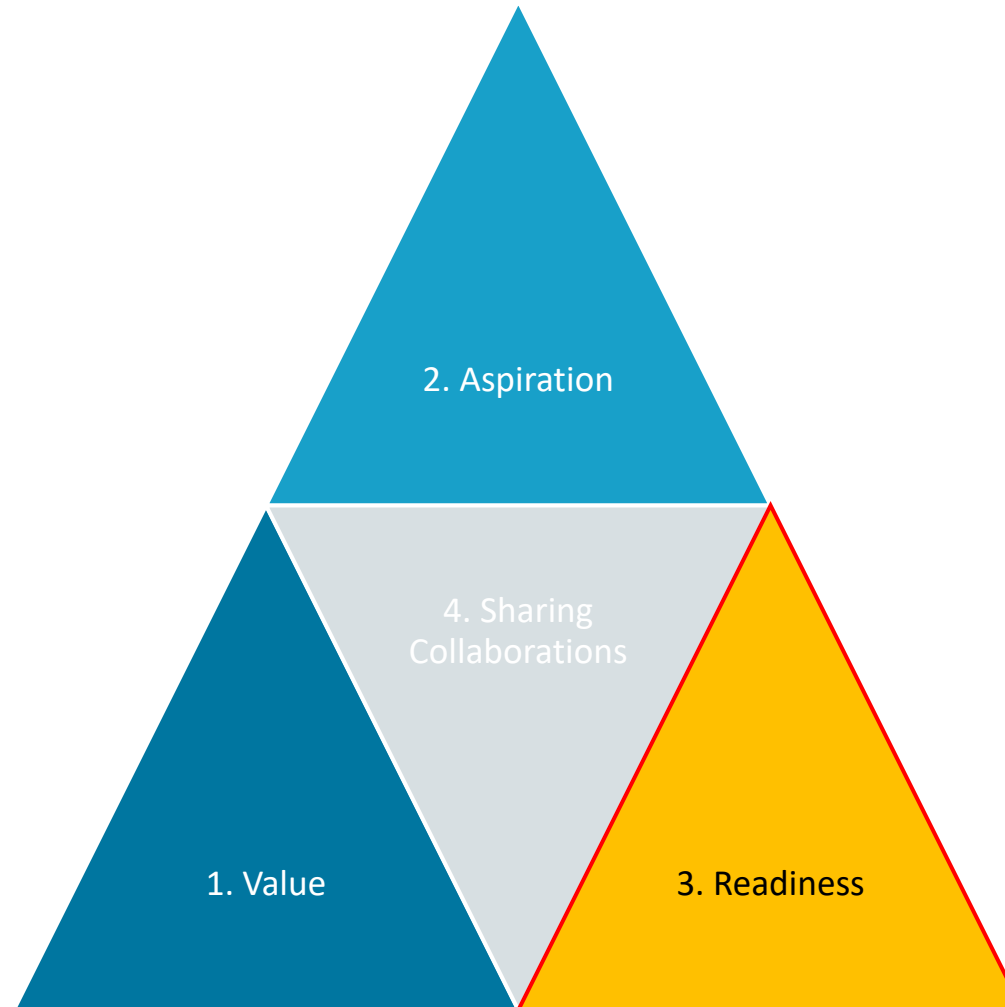
“ _____ ”

imagine more to aspire for
“With more sharing and collaboration we could _____.”

Readiness

“_____ will get me fully sharing.”

Day 2 | Appreciate data sharing value



Readiness

	Sharing With CDC Programs		Sharing With Another Site	
	Line Level	Aggregate	Line Level	Aggregate
CT	Ready	Ready	Unable	Willing
MA	Unable	Active	Unable	Ready
ME	Active	Active	Active	Active
NH	Willing	Active	Unk	Ready
NJ	Active	Active	Willing	Willing
NY	Willing	Willing	Willing	Willing
PA	Active	Active	Ready	Ready
VT	Unable	Active	Unable	Willing
RI	Unk	Unk	Unk	Unk

what will get you there

“ _____ ”

what will get you there

“_____ will get us to fully ready and sharing.”

Sharing Collaborations

What will you do first?

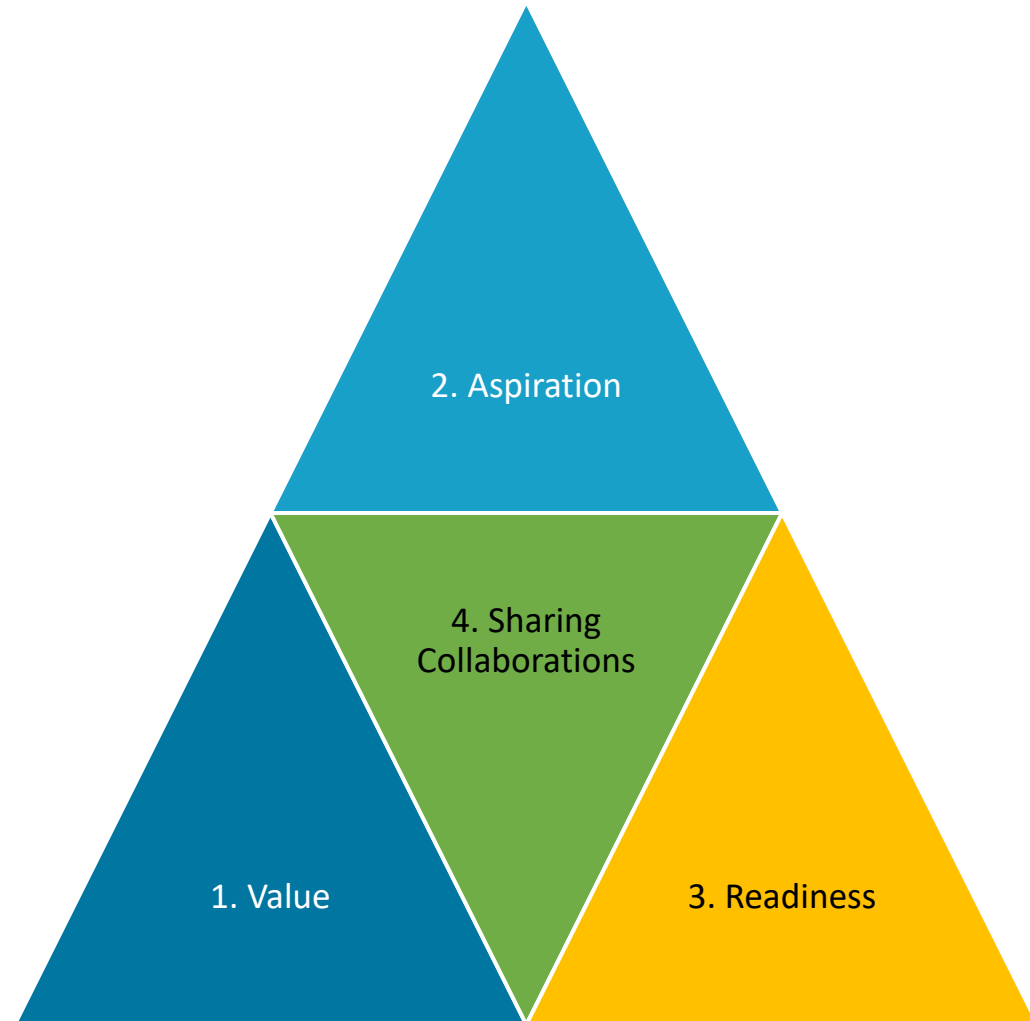
For what will you show-up?

TWO DOTS

Blue: Pitch-in

Yellow: Cheer and boost

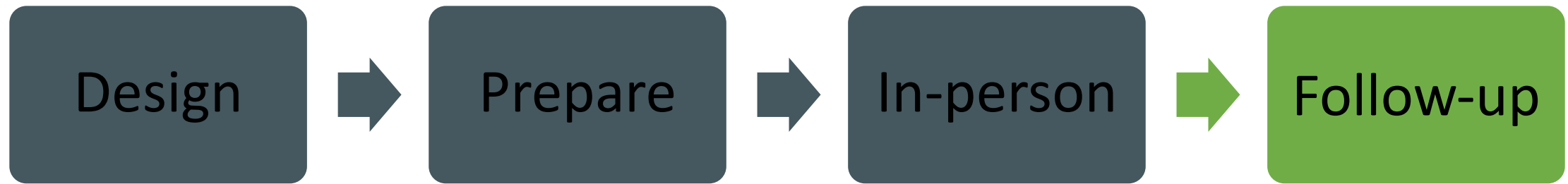
**Green: support by CDC
colleagues**



Mini-Projects

1. Project name
2. Members
3. Purpose or goal
4. Deliverable(s)
5. Tasks

Workshop Process | Step 4: Follow-up



The closing step in our work with you will be to host a follow-up web-conference meeting that provides a set point for you to reconnect with regional colleagues and advance action items identified during the workshop.

CSTE staff will be on hand to provide support.

In past data sharing regional workshops, participants have assigned themselves the following follow-up tasks:

- Hold regular regional meetings
- Development of a metadata tool
- Improve sharing of ILI and GI syndromic surveillance data

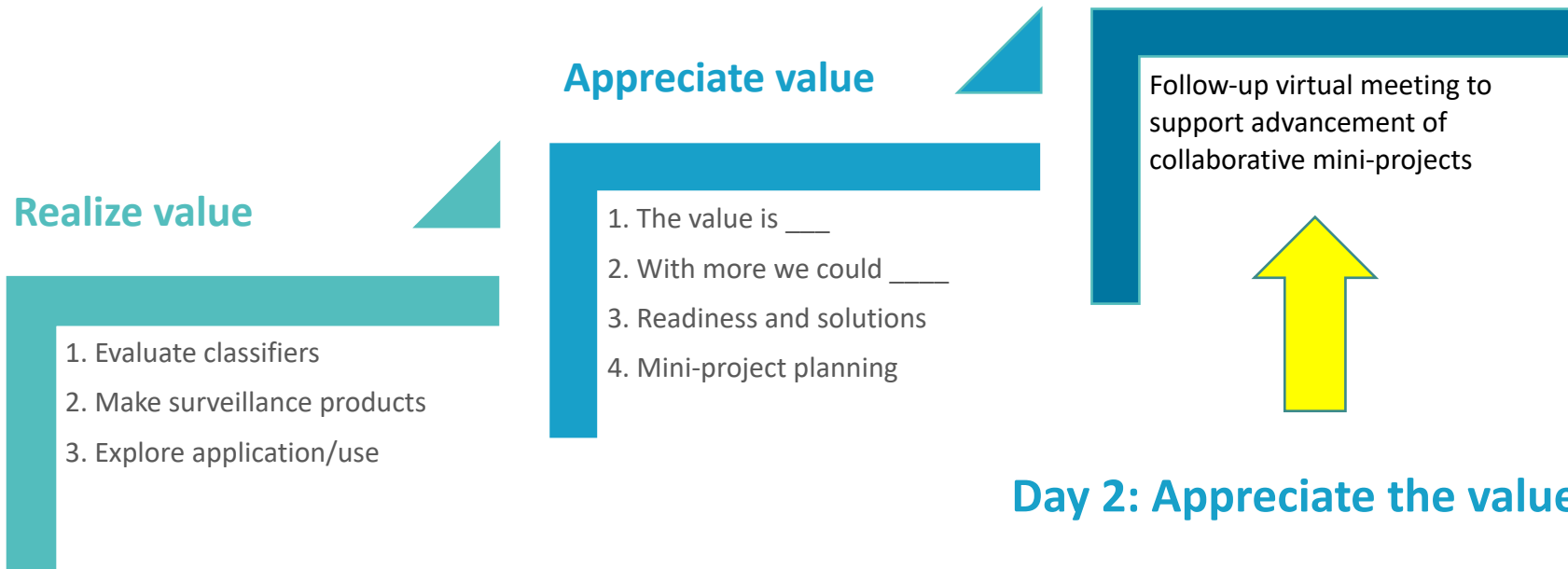


Conclusion

Overall Workshop Course

Day 1: Realize the value

3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise



Day 2: Appreciate the value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Workshop Purpose + Objectives

Purpose

The purpose of your data sharing workshop is to strengthen public health agency capacity for syndromic surveillance (SyS) and enhance situational awareness using real-time electronic health data from emergency department (ED) settings through interjurisdictional data sharing and surveillance practice collaborations.

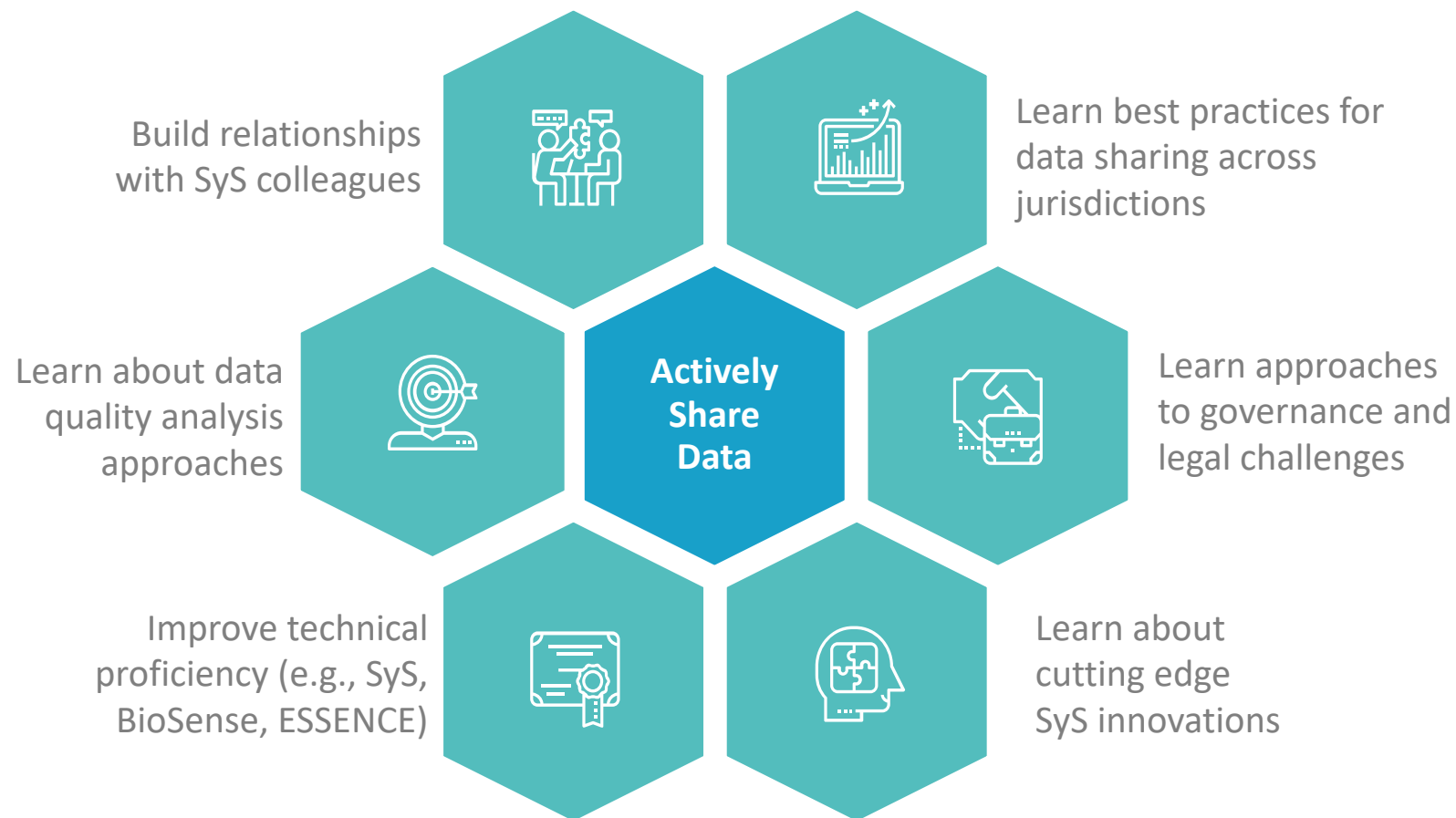
Objectives

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1. Enhanced syndromic surveillance skills to better support agency activities for opioid crisis response
2. Examined and shared best practices in SyS analytic methods and NSSP tool use
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Expectations

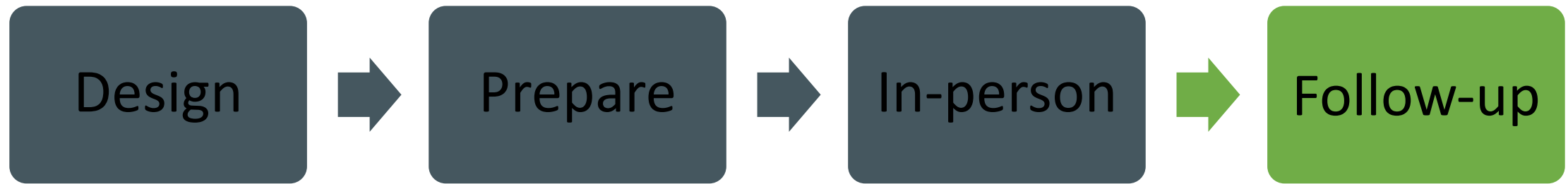
Common Goals for Workshop



Topics and Questions to Explore

- Data sharing cadence (i.e., routinely or for events)
- Most beneficial reports and information to share
- Canned reports for urgent use
- Query definition creation
- Best approaches to sharing indicator codes
- Notification protocols
- Program management
- SyS as indicator for chronic health

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When spiders unite... ..they can tie up a lion	Ethiopia
Truth is more valuable... ..if it takes you a few years to find it.	France
Starting is easy... ..persistence is an art.	Germany
Plant only one seed of virtue... ..much fruit will be harvested	Mongolia
People who do not break things first... ..will never learn to create anything.	Philippines
Even though you know a thousand things... ..ask the woman who knows one.	Turkey



TAKE POST-INVENTORY



parting sentiment + promise



Thank you