

1. Workgroup Definition

Workgroup Name	Arizona BioSense Workgroup		
Meetings:	Every two months, First Tuesdays, 1:00 – 2:00		
Charter Start Date:	September 1, 2019	Charter End Date:	August 31, 2020

Mission

To work collaboratively as partners to build capacity and quality of BioSense syndromic surveillance in Arizona.

Vision

Improved population health and emergency response through the use of timely and effective syndromic surveillance

Workgroup Goals (5 Year period)

1. Establish a forum for discussing cross-role topics & questions around using syndromic data (clinician/IT/public health).
2. Develop standardized plans for using syndromic surveillance data in order to gain situational awareness and make public health decisions.
3. Define triggers on syndromic surveillance data and determine the appropriate initial level of public health response.
4. Expand utilization of syndromic surveillance report analysis by acute care facilities.

Workgroup Year 1 Objectives *(Keep in mind, there are 6 meetings in 1 year. Describe the issues being addressed and what are the objectives to be attained. Should align with 5 year goals.)*

1. Increase awareness among acute care facilities (hospitals) about how BioSense data is used.
2. Share information on the implementation or use of BioSense, knowledge learned at external meetings, protocols and tools developed.
3. Collaborate with the ADHS BioSense team to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.
4. Determine initial use cases for Arizona and create protocols for participants.

Workgroup Year 2 Objectives *(Keep in mind, there are 6 meetings in 1 year. Describe the issues being addressed and what are the objectives to be attained. Should align with 5 year goals.)*

1. Continue to increase awareness among acute care facilities (hospitals) about how BioSense data is used.
2. Collaborate with the ADHS BioSense team to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.
3. Assist ADHS and local health department users adapt to the NSSP transition. Continue to develop new and advance existing use cases which will include maintaining updates for current protocols.
4. Evaluate Arizona's syndromic surveillance use cases and validate BioSense data.

Workgroup Year 3 Objectives *(Keep in mind, there are 6 meetings in 1 year. Describe the issues being addressed and what are the objectives to be attained. Should align with 5 year goals.)*

1. Continue to support efforts to increase awareness among acute care facilities (hospitals) about how BioSense data is used.
2. Collaborate with the ADHS BioSense team, NSSP and ISDS to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.
3. Assist ADHS and local health department users adapt to the NSSP transition. Continue to develop new and advance existing use cases which will include maintaining updates for current protocols.
4. Evaluate Arizona's syndromic surveillance use cases and validate BioSense data.

Workgroup Year 4 Objectives *(Keep in mind, there are 6 meetings in 1 year. Describe the issues being addressed and what are the objectives to be attained. Should align with 5 year goals.)*

1. Continue to support efforts to increase awareness among acute care facilities (hospitals) about how BioSense data is used.
2. Collaborate with the ADHS Syndromic Surveillance team, NSSP and ISDS to determine training needs, conduct trainings, review training and guidance materials, and disseminate training materials to relevant users.
3. Assist ADHS and local health department users with the BioSense Platform tools, to develop new and advance existing use cases, which will include maintaining updates for current protocols.
4. Evaluate Arizona's syndromic surveillance use cases and validate BioSense data.

Workgroup Year 5 Objectives *(Keep in mind, there are 6 meetings in 1 year. Describe the issues being addressed and what are the objectives to be attained. Should align with 5 year goals.)*

1. Continue to support efforts to increase awareness among acute care facilities (hospitals) about how BioSense data are used.
2. Develop a strong, knowledgeable workforce of state and county BioSense users across Arizona through determination of training needs and educational opportunities with NSSP, CSTE, and the NSSP Community of Practice.
3. Collaborate on use cases suggested and prioritized by Arizona state and county BioSense users.
4. Evaluate the current BioSense information and data sharing process in Arizona.

2. Approach

Workgroup Approach? (How will work be accomplished?)

1. Bimonthly meetings
2. Meeting summary will be sent out to all members after each meeting
3. Maintain a Workgroup yearly plan
4. AZ Exploratory Analysis Subgroup to focus on a more detailed review of data and analytical issues
5. Group members share use cases and experiences
6. Group will set timelines to meet goals
7. Partners to engage:
 - a. Current: State and county Epi, state and county emergency preparedness, hospital infection control, hospital IT
 - b. Future potential partners: Health Current, Department of Defense (DOD), Veterans Affairs (VA), other local public health such as tribal public health

3. Workgroup Success

Year 1 Deliverables/How will we measure success? (Workgroup will establish 3 - 5 success measures, track progress and provide updates to stakeholders.)

1. Establish a process to provide outreach to acute care facilities regarding updates, use, onboarding, etc. at a state and/or local level. Report on the use of the decided process(es).
2. Incorporate sharing of "success stories" and "lessons learned" at the Workgroup meetings and identify opportunities to share with other groups locally and nationally. Report the number of "success stories" or "lessons learned" shared with the group or nationally (through presentations or reports).
3. Determine the best methods to train users on BioSense based on the evaluation of needs. Report the number of users trained for use of the BioSense front end and/or back end analysis.
4. Define initial use cases for Arizona. Report the number of use cases for routine analysis and event/outbreak analysis.

Year 2 Deliverables/How will we measure success? (Workgroup will establish 3 - 5 success measures, track progress and provide updates to stakeholders.)

1. Implement a process to provide outreach to acute care facilities regarding updates, use, onboarding, etc. at a state and/or local level. Report on the use of the decided process(es).
2. Determine the best methods to train users on the BioSense Platform based on the evaluation of needs. Report the number of users trained for use of the BioSense ESSENCE and/or back end analysis.
3. Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.
4. Present to workgroup results of evaluation.

Year 3 Deliverables/How will we measure success? (Workgroup will establish 3 - 5 success measures, track progress and provide updates to stakeholders.)

1. Implement a process to provide outreach to acute care facilities regarding updates, use, onboarding, etc., at a state and/or local level. Report on the status of the decided process(es).
2. Determine the best methods to train users on the BioSense Platform based on the evaluation of needs and available resources. Report on the number of users trained for use of the BioSense ESSENCE and/or back end analysis and the available methods and resources available.
3. Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.
4. Present to workgroup and/or subgroup results of evaluation. Report on number of evaluations presented.

Year 4 Deliverables/How will we measure success? (Workgroup will establish 3 - 5 success measures, track progress and provide updates to stakeholders.)

1. Implement a process to provide outreach to acute care facilities regarding updates, use, onboarding, etc., at a state and/or local level. Report on the status of the decided process(es).
2. Determine the best methods to train users on the BioSense Platform based on the evaluation of needs and available resources. Report on the number of users trained for use of the NSSP ESSENCE and/or back end analysis and the available methods and resources available.
3. Define new use cases for Arizona and any revisions for existing use cases. Report the number of use cases for routine analysis and event/outbreak analysis.
4. Present to workgroup and/or subgroup results of evaluation. Report on number of evaluations presented.

Year 5 Deliverables/How will we measure success? (Workgroup will establish 3 - 5 success measures, track progress and provide updates to stakeholders.)

1. Develop a public facing website to share Arizona's onboarding progress, use cases, success stories, and publications, emphasizing the benefits of real-time hospital data for public health response.
2. Provide Arizona BioSense users with site-specific guidance documents and hands-on training on topics such as SAS Studio, R Studio, ESSENCE API use, and sharing dashboards. Report on the number of hands-on training activities, resources, and webinar opportunities.
3. Define new syndromic surveillance use cases and revise existing use cases for Arizona. Share any actions or decisions made in part or as a whole from using the syndromic surveillance data. Report the number of use cases, public health actions, and decisions made for routine, event, and outbreak analysis through workgroup and/or subgroup presentations.
4. Outline a process and procedures to request BioSense data sharing in Arizona. Report on the data/information use and sharing actions.

Items out of scope

Actual onboarding of hospitals (can help prioritize, but don't need to get into too many technical details unless they impact data and usage).

Key Dependencies

1. BioSense Platform/National Syndromic Surveillance Program's (NSSP) ESSENCE capabilities
2. AZ onboarding activities
3. National Syndromic Surveillance Program (NSSP) database processing
4. Partners sending quality data in a timely manner