

After Action eXchange

AAX User Manual

This application was funded by the <u>U.S. Department of Homeland Security</u> and the U.S. Food and Drug Administration, and developed by the <u>Food Protection and Defense Institute</u> in collaboration with the <u>National Agricultural Biosecurity Center</u> at Kansas State University and the U.S. Food and Drug Administration.

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Background of AAX

ORA/OP would like to promote higher frequency and consistency among Federal/State/Local jurisdictions conduct and complete After Action Reviews following food and feed contamination events by developing a module that makes it easier to issue the hotwash survey and compile/analyze the feedback.

Additionally, many times Federal/State/Local jurisdictions identify hotwash items but struggle to track and trend these lessons learned over time. This module will help facilitate this as well. This will be impactful for national capacity development: target where improvements need to be made or where improvements have been effective on a national scale. To achieve this goal the After Action Exchange (AAX) app was created.

AAX provides a searchable database of After Action Reports/Improvement Plans (AARs/IPs) from food and feed contamination events and training exercises. AARs/IPs are contributed by federal, state and local government public health and regulatory agencies with authority to respond to food and feed contamination events, and access to AAX is limited to these same agencies.

Users are able to search event and improvement plan data, view corrective actions, and retrieve full AAR documents for further analysis. With this information, users are able to learn from past events and exercises, suggest future exercise or preventive measures, and identify training needs. AAX enables those involved in responding to food and feed contamination events to more thoroughly summarize and prepare for effective responses.

AAX maintains information about users, their organizations, and events. AXX also maintains agreements to share data on events between organizations. AAX controls access to this information through organizational data sharing agreements configurable within the application. One organization may elect to share their data with any number of other organizations in AAX.

Secure https://aax.foodprotectio	n.io/admin/agreements	☆ [0	9
	TION EXCHANG	HOME EVENTS SEARCH MY ACCOUN	T
Admin > Agreements			
Sharing Organization	Receiving Organization	Valid Until	
AAX - Test	FDA	Dec 07, 2017 🛦 Edit Agreement Delete	
New Agreement			

FoodSHIELD

FoodSHIELD is a web-based system for communication, coordination, education, and training among the nation's food and agriculture sectors. This secure system allows public health and food regulatory officials at the local, state, and federal levels across the nation to work together. It also helps communicate food safety information among other government agencies.

FoodSHIELD provides single sign-on and identity access management to a variety of apps and databases. In addition to single sign-on, FoodSHIELD provides a critical integration point for FDA users and their state partners.

FoodSHIELD AAX Integration

FDA and many of their state and local partners have FoodSHIELD accounts. To simplify the access process and to leverage agency user vetting and organizational record keeping, AAX users will have the option to access AAX from FoodSHIELD using their FoodSHIELD identity. This access mechanism will also reduce exposure of the user's password in that a user will not need to create a unique password for FoodSHIELD. Rather, the AAX app will be able to verify the user is coming from FoodSHIELD and has a valid account. Users can then pass through with their already authenticated access.

Registration and Access

To access AAX from FoodSHIELD, users first request access to the AAX App from FoodSHIELD. The App administration then has an opportunity to review and approve or deny the request for access. If approved, the user will be notified and upon the next visit to FoodSHIELD, clicking on the AAX app will automatically sign the user into AAX and direct them to the application. New users are automatically assigned a status of Guest. The AAX administrator has the option to promote users to Data Entry or Organization Administrator. See Figure 1 for the AAX Account Access Management workflow.

User Roles

User Roles include Guest, Data Entry, and Administrator:

- **Guest user** may view records within their organization or in an organization that has shared access with the guests organization. Guest users can view all events via search. Access to full AAR/IPs may be restricted based on whether the user's organization has a 20.88 on record
- **Data Entry** can add and edit events that they have created within their organization. Additionally, they may view all events via search. They may also see all events within their organization.
- Organizational Administrator In addition the capabilities of a Data Entry user, an organizational administrator has access to edit Organization Resources which includes the ability to add and delete users and to edit data sharing agreements
- **Administrator** A full administrator has the same privileges as an organizational administrator. Additionally, they have access to edit Event Resources and System Resources.



AAX Account Access Management

Figure 1

How to Access AAX

- 1. Login to FoodSHIELD
- 2. While on the FoodSHIELD home screen, Select "Apps" from the task bar in the upper part of the screen. Proceed to click "Get More Apps"

FoodSHIELD		👪 Apps 👻	▲ ⊠334	۹	?-	۵	1 -	•
🇱 My Apps						0	Get More	Apps
Admin	🕴 Alerts 🗯	Calendars		ф	Contacts			
DataTools	Documents 🗛	Events			Meetings			
O Photos	Resource Library	Scheduler		1	SecureSe	nd		
Training	علم Workgroups	AAX		÷	Food Adu	Iteration	Incident Rej	gistry
0/10/10			You have no	meetings so	cheduled			
12:26 PM	Steve Nattrass posted a document DataCollection_20180810052621PM.pdf in FDA NRFT Read & Download Current Version 1.0							
8/9/18			O What's ne	w				
12:58 PM	Al Pistorio posted a document DataCollection 20180809055803PM.pdf in FDA NRFT Read & Download Current Version 1.0		Training Ma	nager Relea	ase	reste onrit	a or opline :	ideo
12:57 PM	Al Pistorio posted a document DataCollection_20180809055656PM.pdf in FDA NRFT Read & Download Current Version 1.0		and webinar to those even	training ever its. Users car hey are crea	nts, and mar n register to ited. For onli	participate	and registrent in training	ation
10:09 AM	Celeste Parker posted a document DataCollection_20180809030857PM.pdf in FDA NBFT Read & Download Current Version 1 .0		user is accep the webinar of lodging detai	ted into the t or videos. Foi	training, the r onsite, the nanagers ca	y will receiv y will receiv n manage l	ve links to ac	cess d with
8:27 AM	Steve Nattrass posted a document DataCollection_20180809012713PM.pdf in FDA NRFT Read & Download Current Version 1.0		the familiar p attendees, ac details.	ortal workgr Id training m	oup interfac aterials, and	e to comm get repor	unicate with ts on the eve	a ent

3. On the next screen, locate the AAX app and click on "Request Access"

FoodSHIELD		🖬 Apps 👻	٠	384	۹	?-	۵	.	•
Video Gallery A collection of video demonstrations to help users understand how to navigate and				3	•	Training		Lo Upen	•
DISCOVER: External					48	Workgrou	D5	C Open	
					Registry	Food A	Adulterat	tion Incident	
Exernal AAX									
DISCOVER: Food & Agriculture Apps			esvi						

- 4. Once you click "Request AAX" the system will generate an email message confirming your app request. The system will also send a notification to the AAX administrator informing them of your request.
- 5. Once the AAX administrator approves your request you will receive another email confirmation that access has been granted.
- 6. To open AAX go to Apps under FoodSHIELD and click "AAX" from the dropdown

How to Create an Event in AAX

1. To create an event select "Events" at the top of the screen

AFTER ACTION EXCHANGE	AAX The AAX (After Action Exchange) provides a searchable database of After Action Reports/Improvement Plans (AARs/IPs) fro contamination events and training exercises. AARs/IPs are contributed by federal, state and local government public health: agencies with authority to respond to food and feed contamination events, and access to AAX is limited to these same agenci search event and improvement plan data, view corrective actions, and retrieve full AAR documents for further analysis. With users are able to learn from past events and exercises, suggest future exercise or preventive measures, and identify training on those involved in responding to food and feed contamination events to more thoroughly summarize and prepare for effective of the second seco	m food and feed and regulatory es. Users are able to this information, eeds. AAX enables responses.
8		

2. Select "New Event"

AFTER ACTION	EXCHANGE	номе	EVENTS SEARCH MY	ACCOUNT
Events	>			
ORGANIZATION FDA • Name New Event	Start	End	FILTER RESULTS	Search
This application was funded by the U.S. Departme Agricultural Biosecurity Center at Kansas State U Copyright © 2018. All rights reserved. View Term	int of Homeland Security and developed by the niversity. s of service	Food Protection and Defense I	Institute in collaboration with the I	National

3. You will then be brought to a screen with guided prompts

AFTER	ACTION EXCHANGE HOME EVENTS SEARCH MY ACCOUNT
Events > New Event	
1 Add Event Deta	ails 2 Add Hotwash 3 Add Improvement Plan / After Action Report
.* Name	
	Insert the formal name of event. See naming convention recommendations.
Start date	
End date	
Event type	×
Participating States	Specify by state and/or federal
	Indicate which states/territories were involved in the event. If federal agencies were involved, select 'Federal'
Core capabilities	Core Capability List with descriptions
	Select Remove
	Add another row
Threat or Hazard	Select at least one Threat or Hazard
Scenario	

Follow steps 1-3 to create an Event in AAX

- 1. Add Event Details
 - Adding event details includes information such as the event name, start and end dates, and event types. This tab also includes Core capabilities.
 - You may not proceed to subsequent steps until all required items are complete. Any required items will be identified with an asterisk.

NOTE: There is additional information located within the web form. Click on "See naming convention recommendations" to pull up additional information about how to name an event.

AFTER ACTION EXCHANGE					
Events > -30 F Test > Edit Eve	nt				
1 Add Event Deta	ails 2 Add Hotwash	3 Add Improvement Plan / After Action Report			
.* Name	Tabletop Exercise - TEST	. See naming convention recommendations.			
Start date	January 29, 2019	Event Name Convention Recommendations			
End date	January 29, 2019	Outbreak or Contamination without Illnesses: Agency or RRT name submitting AAR/pathogen/vehicle (with status [suspect/confirmed], if known)/month-year of incident start.			
* Event type	Natural disaster	name submitting AAR/Event Name/month-year of event start			
Participating States	Specify by state and/or federal				

Indicate which states/territories were involved in the event. If federal agencies were involved, select 'Federal'

NOTE: For additional information on Core Capabilities you may click "List with descriptions" to pull up a screen that displays details on available Core Capabilities.

	RACTION EXCHANGE
Participating States	Specify by state and/or federal
	Indicate which states/territories were involved in the event. If federal agencies were involved, select 'Federal'
* Core capabilities	Core Capability List with descriptions
	Select × 🔻
	Add another row
Threat or Hazard	× Deployment of SNS Asset - Pandemic Influenza
Scenario	
	Insert a brief overview of the event including scenario impacts (2-3 sentences)

A pop-up screen will be displayed. Click "Close" in the upper right to exit this screen.

Core Capabilities	Close
Emergency Operations Coordination	This includes the ability to organize, manage, and coordinate a public health incident (potentially among multiple agencies) using ICS or another standardized, scalable system.
Emergency Public Information and Warning	This includes the ability of public health and regulatory officials to develop, coordinate, and disseminate information to the public, such as recall notifications, consumer advisories, boil water notices, safety alerts, and other notifications. This also includes the ability to respond to requests and inquiries from the public/media regarding incidents of public health significance.
Environmental Investigation Activities	This includes the ability to recommend and implement strategies for illness prevention. Activities to assess include control measures implemented (embargo, recall, seizure, stop sale, facility closure, etc), on-site facility investigations (inspections and/or environmental assessments), and traceback/traceforward, as applicable.
Information Sharing	This includes the ability of public health and regulatory officials to share information within an agency and with external agencies for the purposes of situational awareness, preparation, notification and response to incidents of public health significance (as applicable).
Laboratory Testing	This includes the ability to conduct, coordinate, and/or report results of laboratory testing associated with a potential public health incident. This may include analyses for microbiological, chemical, or other (all-hazards) contamination in multiple matrices, including: clinical specimens, food/feed products, environmental (water, swabs, soil, animal feces), and animal tissue.
Medical Countermeasure Dispensing	This includes the ability to provide medical countermeasures (including vaccines, antiviral drugs, antibiotics, antitoxin, etc.) in support of treatment or prophylaxis (oral or vaccination) to the identified population in accordance with public health guidelines and/or recommendations.

- You may enter in your own hazard/threat **or** select from a prepopulated list within the dropdown menu
- For Event Point of Contact you may select from a list from the dropdown menu

	ACTION EXCHANGE	HOME EVENTS SEARCH MY ACCOUNT
Threat or Hazard	Select at least one Threat or Hazard	
Scenario]
	Insert a brief overview of the event, including scenario impacts (2-3 sentences)	
Event Sponsor/Lead Agency for Incident Coordination	Insert the name of the sponsor organization, as well as any grant programs being utili) ized, if applicable
Event Point of		
Contact(s)	# Indicates Primary POC. Drag and sort a POC to the first of the list to designate prim Recommend limiting selections to 1-2 persons, selecting those who are most appropriate to answer of NOTE: Selecting additional POCs beyond yourself (as the event creator), will grant those POCs edit/s If you wish to grant someone edit/write access to this event and they do not have a 'Data Entry' leve	ary POC. questions about the event. write access to this event, provided they have a 'Data Entry' level accoun el account, please email nels7581@umn.edu.
	Save and View Event Summary Save and Continue Back to Events	may aliak "Pays and Captinus"

 Once all required information has been entered you may click "Save and Continue" to proceed to step 2.

- 2. Add Hotwash
 - The "Customize Survey" feature is located here. Click the orange button to create a customized survey
 - The on screen survey instructions in the blue box provide additional information
 - At least one participant must be specified in order to send out a survey. Participant email addresses may be typed in manually. If the user is not already in the database they will only need an email address. If you have a large list you may copy and paste user emails separated by a comma.

AFTER	ACTION EXCHANGE HOME EVENTS SEARCH MY ACCOUNT
✔ Add Event Deta	ils 2 Add Hotwash 3 Add Improvement Plan / After Action Report
Hotwash	
Participants	Select participants
	Each participant will need an email address. If the user isn't already in the database please enter an email address only Tip: You can paste a large selection of users email addresses formatted as a comma or semi-colon delimited list.
Make hotwash survey anonymous?	No
	Once the survey is sent you cannot change this setting. Customize Survey Save and View Event Summary Save and Continue Previous Back to Events
	Survey Instructions
	After you customize the survey and specify recipients/participants go to the Event Summary and click "Send Survey" button.
	Note: Once you begin to customize the survey, changing Core Capabilities will require that you reset the survey and lose any information you have customized. If you must change any Core Capabilities:
	(1) go back to the "Add Event Details" tab and add/remove Core Capabilities as needed; and (2) click on <u>Reset to Default</u> to incorporate changes into the survey template. If applicable, you may wish to first go into the customized survey and copy any custom text or questions you created to use as reference.

• Clicking the orange "Customize Survey" button will pull up a screen that will allow you to customize a hotwash survey as seen below

AFTER ACTION EXCHANGE	EVENTS SEARCH MY ACCOUNT
ts > Tabletop Exercise - TEST > Survey Builder	
ck to Event	Preview Survey Instructions
After Action Review	H Header Text
You have been invited to complete this hotwash survey due to your involvement in this response. Feedback is valuable and will be used to improve future responses. Thank you for your participation!	¶ Paragraph
Please complete sections of the survey below as applicable to your involvement in the response.	Line Break Dropdown
	🐞 Tags

- "Back To Event" Clicking this button takes you to the previous screen
- "Instructions" clicking this button will provide instructions on how to create a survey
- "Preview Survey" will display the survey as it will be shown to participants
- Click "Save and Continue" to proceed to step 3.
- 3. Add Improvement Plan / After Action Report
 - On step 3 you may attach an AAR from your local computer

AAX	ACTION LA	CHANGE		
Events > Tabletop Exercise - T	EST > Edit Event			
✔ Add Event Detai	ls 🛛 🖌 Add Hotwash	3 Add Improvement Plan / A	fter Action Report	
After Action Report / Improvement Plan	Choose File No file chosen			
Improvement Plans				Add Plan
There are no improvement	plans			

- You may add an improvement plan by clicking the blue "Add Plan" button
- Click "Save and View Event Summary" to return to event summary screen

4. Event Summary Screen

 The Event Summary Screen provides an overview of information that was entered during the previous steps. This screen also allows you to send a survey via the "Send Survey" button.



Tabletop Exercise - TEST

Event Dates	January 29, 2019 0001 to January 29, 2019 2359
Scope	This exercise is a(n) natural disaster, planned for 23 hours and 58 minutes at <i>[location not specified]</i> .
Core Capabilities	Preparedness
Threat or Hazard	Natural weather event
Scenario	Not available
Sponsor	Food Protection and Defense Institute
AAR/IP	No after action report / improvement plan available

Hotwash & Participant Feedback Summary

The survey has not yet been sent out

Improvement Plans

There are no improvement plans

Note: once a survey is sent additional information will be displayed under "Hotwash & Participant Feedback Summary". The information includes the total number of surveys sent, the total number of completed the survey, and the number of surveys that have not been completed.

Hotwash & Participant Feedback Summary

evelop Hotwash Send Survey

dd Pla

Edit Event Delete Event

Participants: 4 Completed: 0 Pending: 4 Unsent: 0

How to Create a Survey

1. A survey can be created on "Step 2 – Add Hotwash". Begin by clicking "Customize Survey" as shown below:

	ACTION	EXCHANGE		10H	1E EVENTS	SEARCH	MY ACCOUNT
Events > Tabletop Exercise - 1	TEST > Edit Event		>				
🗸 Add Event Deta	ils 2 Add Hot	wash 3 Add Improvem	nent Plan / After A	ction Repo	rt		
Hotwash							
Participants	Participants Select participants						
	Each participant will need an email address. If the user isn't already in the database please enter an email address only Tip: You can paste a large selection of users email addresses formatted as a comma or semi-colon delimited list.						
Make hotwash survey anonymous?	NO Survey has been sent a	and this setting is locked.					
	Customize Survey	Save and View Event Summary	Save and Continue	Previous	Back to Events		

2. This will take you to the following screen:

nts > Tabletop Exercise - TEST > Survey Builder	
Back to Event	Preview Survey Instructions
	Toolbox
After Action Review	H Header Text
	A Label
You have been invited to complete this hotwash survey due to your involvement in this response. Feedback is valuable and will be used to improve future responses. Thank you for your participation!	¶ Paragraph
Please complete sections of the survey below as applicable to your involvement in the response.	\leftrightarrow Line Break

For detailed on Instructions you may click the "Instructions" box located within this screen. This dialogue box will display:

Survey Builder	×
 Instructions on how to build the survey: Initial survey is created in HSEEP format associated with the Core Capabilities affiliated with the event Note: If you have since modified the selected Core Capabilities or want to reset the form to the default template reset now Click on a question type from the Toolbox to append to end of survey Click and drag questions to reorder them Hovering over questions will reveal edit and delete actions The survey is saved automatically as you make your changes The Preview Survey button will give you a preview of what the survey will look like to the participants 	D
Close	9

Additionally, there are multiple tools available for use when customizing the survey:

H Header Text	
A Label	A Text Input
¶ Paragraph	+ Number Input
↔ Line Break	TI Multi-line Input
Dropdown	🖈 Rating
📎 Tags	🛗 Date
Checkboxes	🗞 Web site
	<mark>i‡t</mark> Range

3. To see how the survey will be presented to participants, click "Preview Survey"

Back to Event	Previe Survey Instructions
	Toolbox
After Action Review	H Header Text
	A Label
You have been invited to complete this hotwash survey due to your involvement in this response. Feedback is valuable and will be used to improve future responses. Thank you for your participation!	¶ Paragraph
Please complete sections of the survey below as applicable to your involvement in the response.	👄 Line Break
	Dropdown
e you are done previewing the survey you may return to the survey builde < to Survey Builder".	r at any time by selecting



After Action Review

You have been invited to complete this hotwash survey due to your involvement in this response. Feedback is valuable and will be used to improve future responses. Thank you for your participation!

Please complete sections of the survey below as applicable to your involvement in the response.

How to Search for Events and Improvement Plans

1. Click "Search" in the toolbar at the top of the page:

AFTER ACTION EXCHANGE	HOME EVENTS	SEARCH MY ACCOUNT
Search > Improvement Plans		
Improvement Plans Events Search for improvement plans by keyword. You may filter your search results by core cability Keyword Please enter a keyword	and/or cability element.	
Core capability		
Capability element * Search		

2. Click either "Improvement Plans" or "Events" to search.

20.88 Agreements

"Chapter 21 of the Code of Federal Regulations (CFR) 20.88 allows FDA to share certain non-public information with state and local government officials."¹ A listing of active 20.88 agreements is maintained by FDA, published online², and made downloadable in the form of a spreadsheet. The fields included in the database include state abbreviation, type of agency, type of 20.88 agreement, agency name, title of signatory, and name of signatory. FoodSHIELD and AAX are only concerned with agreements of type "Food and Feed."

Capturing and Storing

FoodSHIELD serves as a system of record for people and organizations within FDA and their partner organizations. Leveraging that previously established organizational structure, the AAX application will rely on FoodSHIELD for user, organization and data sharing authorizations.

When FDA publishes the 20.88 database, FoodSHIELD will import that data and match agencies to organizations in FoodSHIELD. Those organizations will have (or be allowed) to add members that will then inherit the data sharing agreement rights. FoodSHIELD will then then publish a list of Organizations, Users and data sharing Agreements to a secure endpoint consumable by AAX and any other future integrations deemed appropriate. This list of users assigned to organizations with 20.88 agreements is unique to FoodSHIELD and not otherwise maintained by FDA.

¹ What are information sharing / 20.88 agreements:

https://www.fda.gov/ForFederalStateandLocalOfficials/CommunicationsOutreach/ucm472936.htm ² 20.88 Agreement Database: https://www.accessdata.fda.gov/scripts/sda/sdNavigation.cfm?sd=singlesignaturefood





Agency names published in the 20.88 agreement database may not necessarily align with names in FoodSHIELD, so FoodSHIELD must match the agency names in the spreadsheet to an organization in FoodSHIELD. Mismatches will require a manual intervention upon any change to the spreadsheet. Once agreements are captured, a list of organizations, 20.88s and users belonging to those organizations will be made available through a secure API endpoint, which AAX can connect to update resource data stored in AAX.

The AAX application may lookup organization information, organization users, and 20.88 agreements from FoodSHIELD on a scheduled interval, or on certain events (such as new user creation or access, or log in).

In addition to demographic information on these resources, 20.88³ data sharing agreements issued by FDA are assigned to individual users in FoodSHIELD.

³ FDA - 20.88: https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=20.88

Download of data and assignment of users to agencies with 20.88s

- 1) FoodSHIELD will download organization and agreement data from FDA nightly.
- 2) Data will then be checked for updates.
 - Updates may include adding a new organization, or removal of an agency.
 - Signatory data and changes will be ignored.

IF there are updates:

- 3) FDA data will be loaded into FoodSHIELD holding tables
- 4) Changed data (added or removed agencies) will be compared to FoodSHIELD organizations by an exact text match.

IF an exact text match can **<u>NOT</u>** be made

- 5) The FoodSHIELD Coordinator will be notified to to reconcile the discrepancy
- 6) Discrepancies will be addressed by:
 - Adding a new organization OR
 - Mapping an agency derivative in spelling to a FoodSHIELD organization

Any questions will be directed to the AAX App owner in FoodSHIELD.

Once the discrepancies are resolved, or if the system is able to make a direct match automatically:

- 7) A record of the 20.88 will be recorded in FoodSHIELD.
- 8) FoodSHIELD will publish a list of organizations with 20.88 agreements and all of their members to a secure endpoint made consumable by authorized applications such as AAX.
- 9) AAX will then finally check FoodSHIELD for updates to its users or organizations nightly.



FoodSHIELD will download Agency and Agreement data from the FDA Website (nightly) - 20.88 Signle-Signature Agreements: https://www.accessdata.fda.gov/scripts/sda/sdNavigation.cfm?sd=singlesignaturefood

- Data will be:
 - a) Checked for updates
 - Updates include: Adding a new organization, or removal of an agency. Signatories/users will be ignored
 - b) Staged for comparison in holding tables
 - c) Compared with FoodSHIELD Users and Organizations
- IF there are new organizations, or organizations added that don't match FoodSHIELD, the FoodSHIELD coordinator will be notified to add or merge.
- The FoodSHIELD coordinator will review new or pending agencies daily. Approval will put agency 20.88 in approved status for the FoodSHIELD resource list.
- Once the resources are reviewed and vetted, a FoodSHIELD API endpoint with organizations and 20.88's and uniquei id's will be made available for integration (e.g. AAX) using FoodSHIELD as the System of Record.

AAX will check 20.88s nightly and sync the organization list in AAX with the organization and 20.88 list in FoodSHIELD.

Record Sharing

The organizational record sharing was developed primarily for FDA as a way to facilitate sharing of certain event data (i.e., the full AAR/IP report – uploaded as an attachment to the event in AAX) with a restricted group of users (i.e., FDA and agencies with current 20.88 agreements).

FDA project sponsors with their partners in state and local governments (AAX stakeholders) identified a need to restrict sharing of full AAR/IP reports that may contain non-public information obtained from FDA to users with appropriate information sharing agreements (i.e., 20.88 agreements). Furthermore, AAX stakeholders determined that state and local governments might have a similar desire to restrict sharing of full AAR/IP reports to this same audience, as agencies with a 20.88 agreement possess the necessary capability to protect non-public information received in the course of conducting agency business. For example, if the Mississippi Department of Health (MSDH) and the Rhode Island Department of Health (RIDH) both have 20.88 agreements with FDA, MSDH can share event data with FDA and RIDH. This would be implemented as such:



Figure #: Flow of data sharing agreements

In this scenario, an event created by FDA, or events created by the other partner agencies would be visible by all parties involved with ownership and distribution rights being retained by the record creator.