

2017 MCAFDO Annual Conference

Omaha, Nebraska

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**Update on the Integrated
Food Safety System (IFSS)**

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Creating a Future Food Safety System

**“The best way
to predict
the future
is to
create it.”**

Abraham Lincoln



**“Things may come
to those who wait,
but only the things
left by those who
hustle”**

History Awaits !!



- Dr. Harvey Wiley advises states to promulgate their own rules in the absence of federal rule
- AFDO recommends formation of the Office of State Cooperation - **1913**
- AFDO Model Food Law - **1927**
- FDA Cooperative Programs - **1969**
- Contracts, Partnerships, and Cooperative Agreements
- Leveraging
- Mutual Reliance

History of Integration

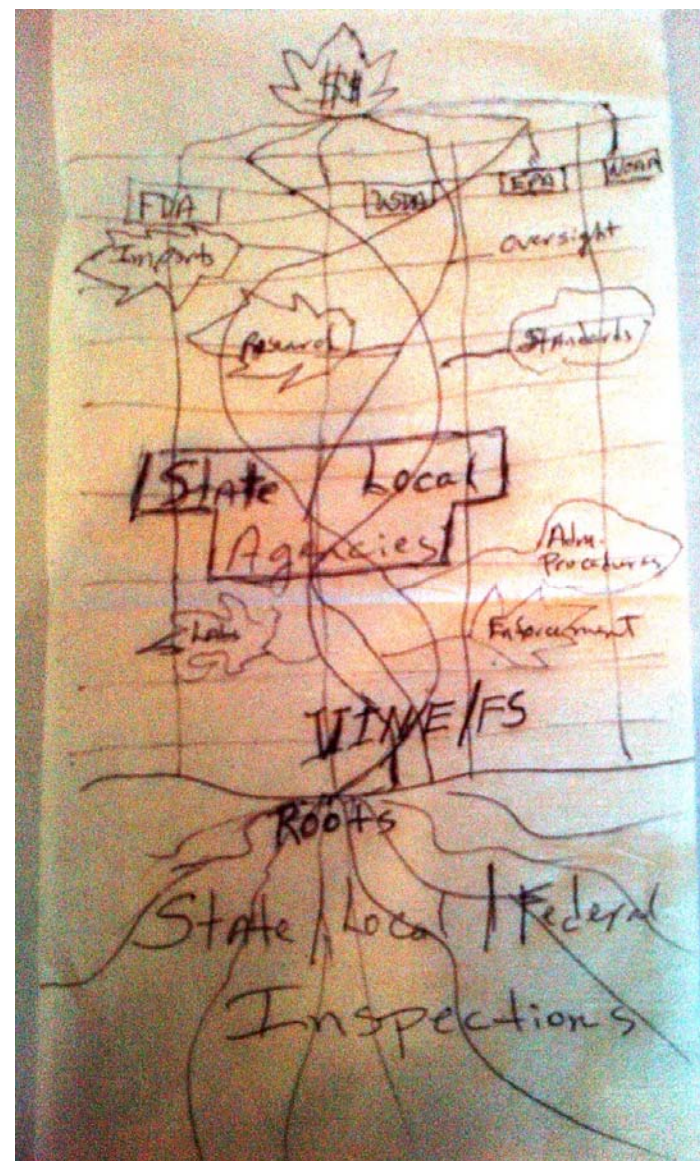
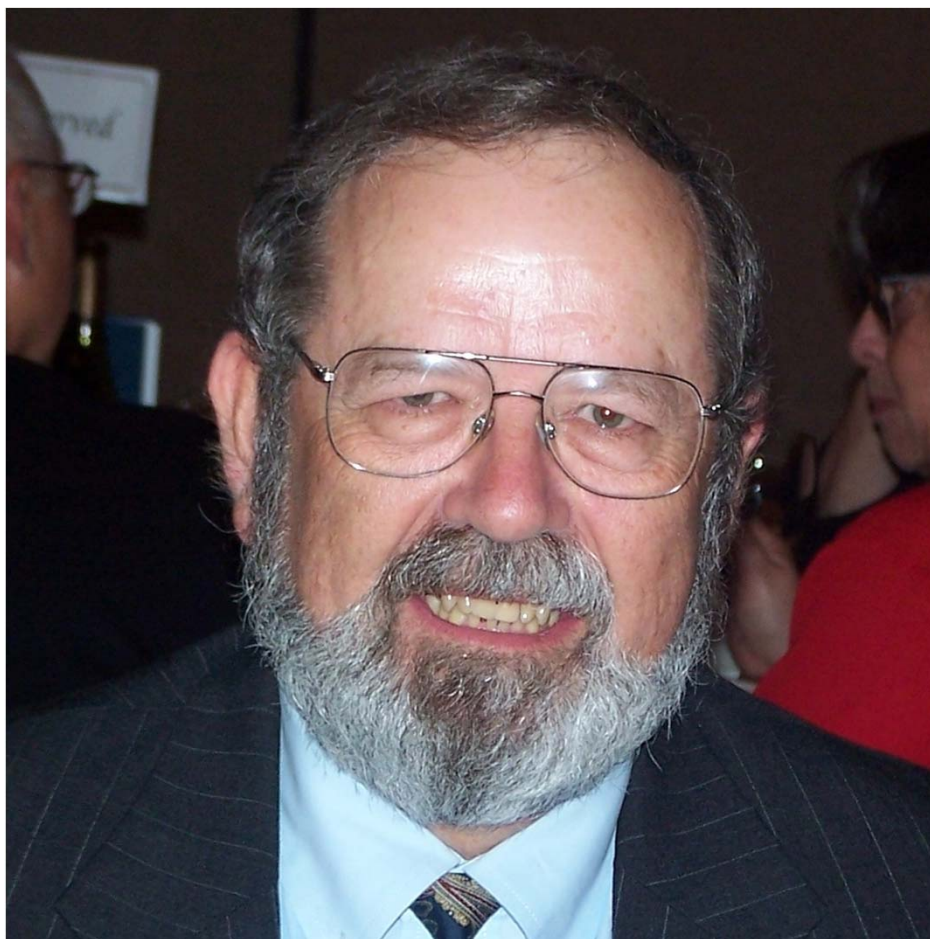


- AFDO Vision 1998
- National Food Safety System project (NFSS)
- Presidential Initiatives
- 50 State Meetings



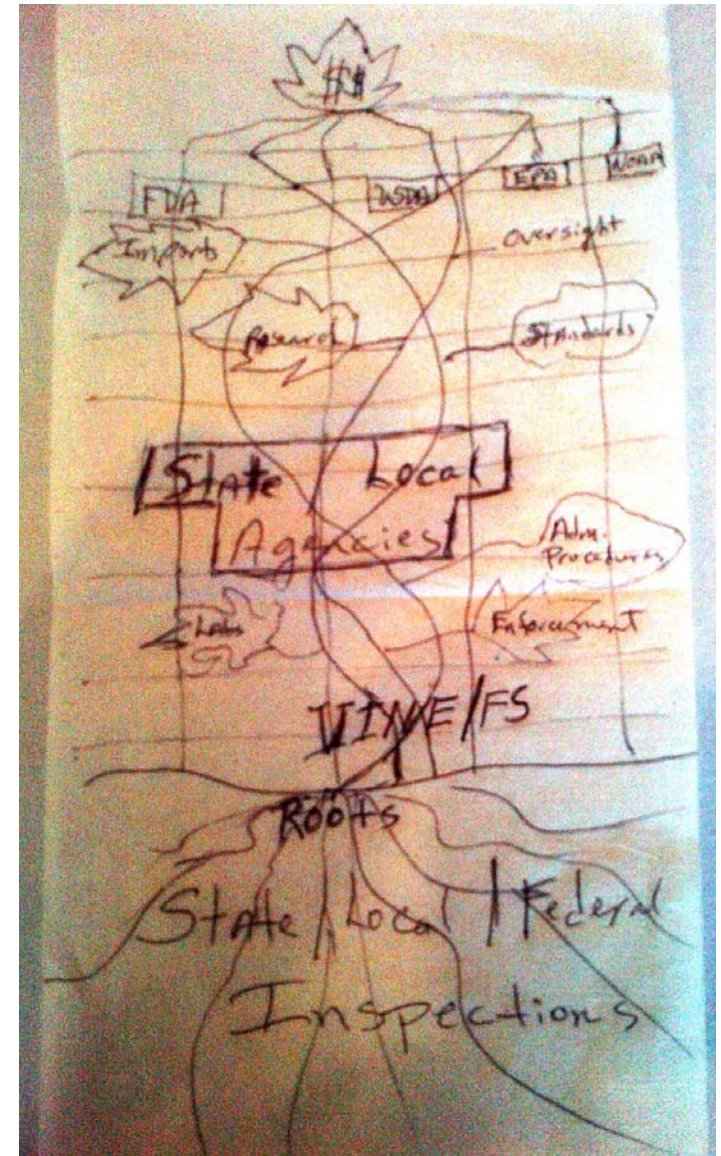
- **Partnership for Food Protection [PFP]**
- **Food Safety Modernization Act**

AFDO Vision



AFDO Vision

- 1997 Regulatory Affairs Professional Society (RAPS)
- 1997 USDA 3rd Annual Federal State Food Safety Conference
- 1998 50 State Meeting
- National Food Safety System project (NFSS)



Barriers to Overcome

- Consumer Groups
- Our failure to include industry
- Culture
- Turf
- Lack of respect for one another
- No Congressional mandate

However, we knew this was a great idea and we could show it works!!



Sulfanilamide Disaster 1937

- Used to treat streptococcal infections
- Produced in liquid form by S.E. Massengill Co.; Bristol, TN.
- Blended with Diethylene glycol and raspberry flavoring
- Reported deaths in 15 states
- FDA assigns their entire field staff [239] to follow up
- Chemists and state/local officials assisted FDA to track down the firms 200 salesmen
- 234 of the 240 gallons retrieved



Food Safety Modernization Act (FSMA)

- Signed into law by President Obama on Jan. 4, 2012
- Enables FDA to focus more on preventing food safety problems rather than relying primarily on reacting to problems after they occur
- **Validates integration**



Partnership for Food Protection (PFP)



- Outreach
- Work planning and Inspections
- Compliance and Enforcement
- Surveillance, Response, and Post-Response
- Laboratory Science
- Training and Certification
- Information Technology

IFSS – Major Factors that Must be Addressed

- Work planning
- Communication
- National Standards
- Information Technology
- Best Practices
- Metrics



PFP Strategic Plan



- Covers a six year period from FY 2015 through FY 2020
- Focuses primarily on integrating functions related to domestic manufactured human and animal food
- Reviewed every two years to allow for adjustments
- PFP's vision for an IFSS currently intended as an initiative within the United States.
- Where appropriate, the PFP principles and resource documents may be shared with foreign government partners to promote a global approach to food safety.

PFP Resource Documents

- [Quick Start Food Emergency Response Job Aids](#)
- [Best Practices for Improving FDA State Communications Recalls](#)
- [Best Practices for Use of FoodSHIELD During Food and Feed Incidents Food/Feed Testing](#)
- [Laboratories best Practices Manual](#)
- [Draft National Program Standards Crosswalk Resource Paper Model for Local Federal/State Planning and Coordination of Field Operations and Training](#)





FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE



Key Players



Regulatory Program Standards

- **Manufactured Food Regulatory Program Standards**

- There are 43 state programs currently enrolled
- SC and WV each have two agencies with MFRPS cooperative agreements (Health and Agriculture)

- **Retail Food Regulatory Program Standards**

- **715 enrollees** – 66 enrollees are state or territory level jurisdictions, 422 enrollees are county level jurisdictions, 143 enrollees are city or town level jurisdictions, 22 enrollees are other type agencies (such as tribe, village)

- **Animal Feed Regulatory Program Standards**

- **20 states currently enrolled in the AFRPS: WA, CA, CO, NM, NE, KS, TX, MN, IA, MO, LA, TN, CT, NJ, WV, PA, NC, GA, FL, KY**

IFSS Toolkit

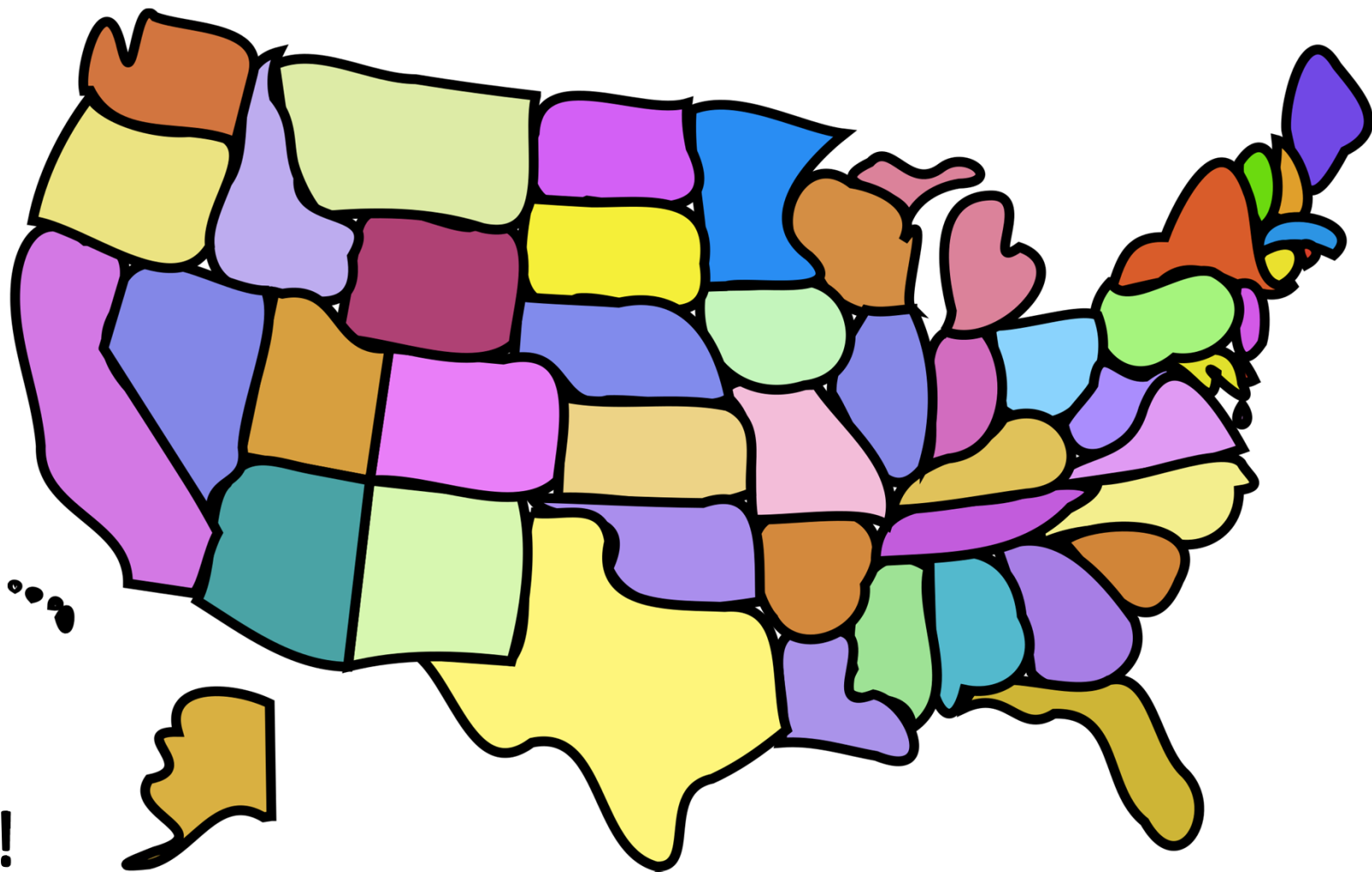
- Developed by the International Food Protection Training Institute (IFPTI), FDA, and AFDO for stakeholders involved in food safety and food defense
- Designed to be used within an organization and used by an interdisciplinary Workgroup
- Assesses an organization's current integration efforts and identifies potential areas for improvement, especially with respect to cross-agency/cross-discipline activities
- Allows stakeholders to become more familiar with the roles and responsibilities of others, facilitate communication, and engender team-building in the process



IFSS Toolkit – 6 Focus Areas

- Communication
- Roles and Responsibilities
- Integration of Legal Authority
- Resources
- Emergency Response
- Global Activities





**State
Activities !**

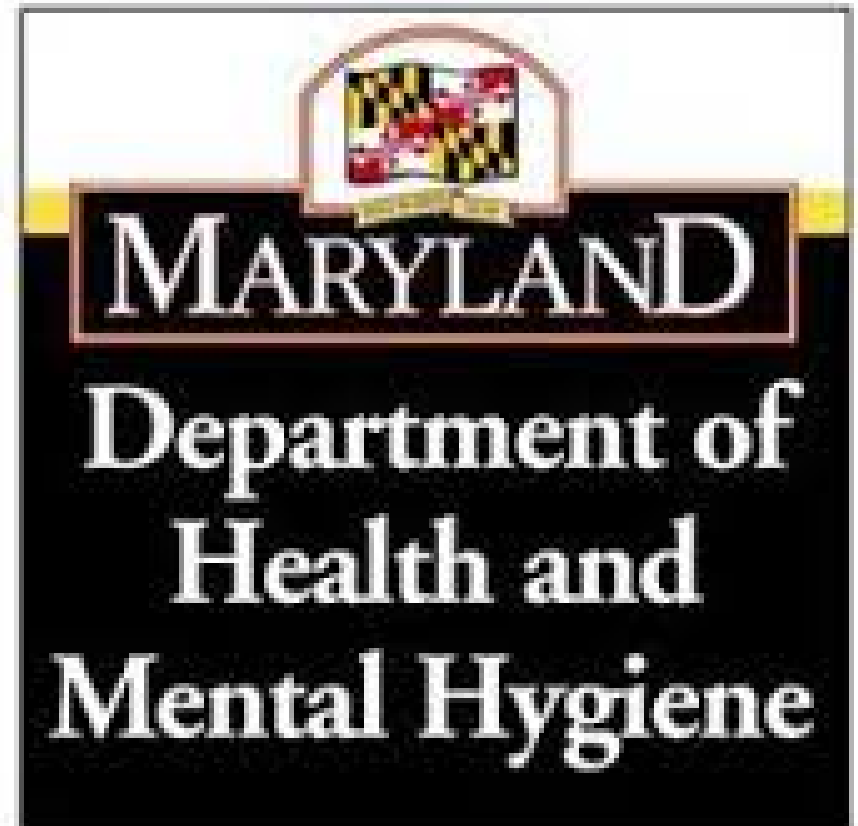
State Activities - Texas



- ICS Structure –Combined Federal/State Team Response
- Operating Guidelines
- Communication Platform – Traction Software –Allows remote uploading –Sharing of extensive traceback records
- Ability to pull in other RRT States

State Activities - Maryland

- Creation of SMarRRT
- Establish 2 dedicated full time staff in the Office of Food Protection (SMarRRT Coordinator and the SMarRRT Communications Coordinator)
- The remainder of SMarRRT comprises of an epidemiologist from the State Epidemiologist's Office, an analyst from the State Laboratory Administration and a specialist from the Maryland Department of Agriculture.
- This group comprise the core of SMarRRT for all incidents and for the development and improvement of SMarRRT.



SMarRRT

Currently SMarRRT is developing the use of GIS technology for emergency response applications including:

- Foodborne illness outbreak tracking
- Traceback investigations
- Storm surge flooding
- Power outages
- Airborne plume events
- Waterborne contamination



State Activities - Wisconsin



- Wisconsin Department of Agriculture, Trade and Consumer Protection (WDATCP) and the FDA Minneapolis District Office (MN-DO) have developed a process for sharing inspection reports, work plans and establishment inventories over the past 4 years.
- This has dramatically reduced duplicative or too-closely-scheduled state and federal inspections, and assisted in verifying establishment inventories for each agency.

State Activities - Wisconsin



Project Includes

- Routine sharing of firm inventories to identify and match similar firms and identify firms unique to each inventory.
- Joint inspections
- WDATCP shares voluntary compliance agreements with FDA and the FDA shares unredacted warning letters with WDATCP
- Increased frequency and amount of information shared (micro samples collected and sharing of lists by FDA of recently completed inspections approximately every three-weeks)



- Allows the state to adjust/redirect sampling or inspectional resources as needed and helps to avoid duplication of such activities

State Activities – New York

“Integrated Food Safety System Partnership”

- Coordinates the food protection efforts of NYSDAM’s Division of Food Safety and Inspection and the FDA’s New York District Office.
- All manufacturing food establishments and food storage facilities are covered by this agreement.
- The partnership includes
 1. Data and information sharing
 2. Training
 3. Recalls
 4. Enforcement strategies
 5. Share each other’s resources and authorities



State Activities – New York

“Imported Food Initiative”

- Nationally recognized collaborative project for dealing with the overwhelming burden of imported foods
- FDA and NYSDAM work more collaboratively on imported food oversight.
- Essential to New York because of the number of imports that enter the country through this state and then, because of its diverse population, are marketed there.



Table 1 Food Recall Summary 2000-2015 *(NY Agriculture & Markets)*

Year	Class 1	Class II	Class III	Totals
2000-2010	672 508 Imported 214 Domestic	1800 1395 Imported 405 Domestic	641 379 Imported 227 Domestic	3113 2284 Imported 869 Domestic
2011	57 29 Imported 28 Domestic	161 123 Imported 38 Domestic	48 26 Imported 22 Domestic	266 178 Imported 88 Domestic
2012	48 23 Imported 22 Domestic	223 167 Imported 61 Domestic	27 19 Imported 9 Domestic	298 207 Imported 69 Domestic
2013	43 27 Imported 22 Domestic	209 143 Imported 51 Domestic	40 24 Imported 10 domestic	292 207 Imported 85 Domestic
2014	32 21 Imported 9 Domestic	166 99 Imported 50 Domestic	45 26 Imported 13 Domestic	243 146 Imported 72 Domestic
2015	51 16 Imported 32 Domestic	235 159 Imported 57 Domestic	62 37 Imported 24 Domestic	348 212 Imported 114 Domestic
TOTAL 2000 – 2015	903 624 Imported 327 Domestic	2,794 2,086 Imported 662 Domestic	863 511 Imported 305 Domestic	4,560 3,234 Imported 1,322 Domestic

State Activities - Pennsylvania



- In 2010 the Pennsylvania Department of Agriculture (PDA) in conjunction with 55 local health departments implemented a new food safety inspection and licensing system "USAFoodSafety"
- PA has made the solution available to other state/local governments through the National Agribusiness Technology Center The NATC is a national non-profit entity that facilitates various activities such as enhancement requests and collaboration across the states
- Since all development is done by a single software company, it enables the enhancements to be available at no additional cost to all states using the system.

State Activities - Pennsylvania



- Presently 13 state food safety programs have implemented this solution, but more importantly, they have leveraged limited development funds to add several features and modules to the system
- Many of the states were able to fund implementation and enhancement development by securing funds from the Food and Drug Administration cooperative agreements and grants.
- The system assists states in conforming to the FDA's program standards in the various food areas.
- Several states have developed modules in USAFoodSafety and they are made available to all states using the solution.



- Minnesota Department of Agriculture (MDA) implemented tracebacks and recall functionality.



- The Illinois Department of Public Health (DPH) implemented a major module to track training and education programs for food safety personnel.

State Activities - Iowa



Iowa DIA implemented the following functions:

- Providing licensees uniform guidance documents associated with inspections
- Automated inspection report dissemination based on chain or owner
- Trending of violations by chain or owner
- A public-facing mobile app for iPhone and Android
- An Executive Dashboard with broad search and summary ability of real time data analytics for licensing, inspection, complaint, and violations data
- A mobile application with geo- location for inspection results.

This Executive Dashboard was the recipient of AFDO's Elliot O. Grosvenor Food Safety Award in 2016

AFDO Grosvenor Award



National Food Safety Data Exchange (NFSDX)



The NFSDX will highlight the following capabilities between the FDA and states:

- State to FDA Electronic Transmission: (Submitting) Contracted Inspection Results
- FDA to Stat Electronic Transmission: (Receiving) Firm Data
- State to State Electronic Transmission: (Requesting, Receiving, and Sending) (e.g.) Facility Search

National Food Safety Data Exchange (NFSDX)



- In Pennsylvania and Iowa, the software is used by both state and local entities responsible for food safety
- In addition, the state-level agencies in the following states have usage licenses for USAFoodSafety: Alaska, Arkansas, Illinois, Indiana, Kansas, Minnesota, North Dakota, South Dakota, Vermont, West Virginia, and Wyoming

State Activities - Washington



WASHINGTON STATE FOOD PROTECTION TASK FORCE

The Washington State Food Protection Task Force was formed in August 2012 through grant money received from the U.S. Food and Drug Administration (FDA). The task force pulls together all levels of government: federal, state and local to work together to identify and address food protection issues in Washington State. Member agencies have expertise in food, feed, epidemiology, laboratory, animal health, environment and public health.

Participating Agencies



Washington State Food Protection Task Force participants are committed to improving food and feed safety through education, coordination, collaboration and communication.

For more information
<https://wa.foodprotectiontaskforce.com/>

To join our Industry Partners email list, contact
Susie Bautista- sbautista@agr.wa.gov

- In August 2016, the Washington RRT created, coordinated, and hosted a webinar symposium series entitled, “Radiation and Food/Feed Emergency Response.” The overarching goal of the symposium was to increase multi-jurisdictional awareness around roles and responsibilities of partners in the event where radiation has affected the safety of human and animal food.
- All four of the webinars were recorded and combined in a “training in a box” format. The training was then made openly available to other RRTs and other interested states through the national RRT FoodSHIELD workgroup with the assistance of FDA Office of Partnerships.

State Activities - Washington



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November 2018

- Another active demonstration of Washington State's on-going integrated food/feed safety system work is the Washington State Food Protection Task Force (FPTF). Created in 2012, the FPTF holds meetings throughout the year with partners from Federal, state, and local public health agencies to help collaboration, communication, and promote educational opportunities among the partners.
- FPTF also maintains a website that contains food and feed information that is available to the public.

Integrated Food Safety System (IFSS)

So when does this system begin?



How do you know it has begun?



Recommendations for Advancing

- Focus on national issues
- Make intergovernmental collaboration a priority
- Recognize state and local governments as partners
- Foster a continuing intergovernmental dialogue
- Build and maintain an intergovernmental database
- Consider states and localities as government enterprises, not silos for federal funding
- Improve accountability and transparency
- Provide flexibility and encourage innovation

