Integrated Food Safety Systems: From Creation to Collaborated Reality with Public Health Partners
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“We will strengthen our collaborations with other public health agencies and leverage the expertise and resources of our colleagues at the international, federal, state, and local levels to ensure effective solutions for the American people.”

Margaret A. Hamburg, M.D.
Commissioner of Food and Drugs

FDA Strategic Priorities 2011-2015
### FDA/DFSR Initiatives with State Partners

**National Standards**
- Manufactured Foods Regulatory Program Standards (MFRPS)
- Animal Feed Regulatory Program Standards (under development)

**Contracts**
- Food, Feed, MQSA
- Future Contracts: Egg Inspections, Menu Labeling

**Produce Safety Alliance**

**Grants/Cooperative Agreements**
- BSE, FERN, Food Safety Taskforces, Rapid Response Teams, etc.

**Information Sharing/Commissioning**
- Food, Feed, and Center for Tobacco Products (CTP)

**Communication with Public and State Partners**
- Meetings/Workshops
- Websites
- Field Management Directive

### Manufactured Food Regulatory Program Standards (MFRPS)

- 10 Standards to establish a uniform foundation for the design and management of state programs responsible for regulating food plants
  - Regulatory Foundation
  - Training
  - Inspection Program
  - Inspection Audit Program
  - Food-related Illness and Outbreaks and Response
  - Compliance and Enforcement
  - Industry and Community Relations
  - Program Resources
  - Program Assessment
  - Laboratory Support

> “If you can’t describe what you are doing as a process, you don’t know what you’re doing.”

W. Edwards Deming

> “A great many discrepancies occur merely because they are expected to happen. That expectancy becomes so routine that people spend their time learning how to fix rather than prevent.”

Philip Crosby
Manufactured Food Regulatory Program Standards (MFRPS)

Currently in 31 programs in 30 States

Development & Implementation:

- Grassroots Meeting: February 2010
- Regional Review Meetings: October 2010 (MD & OK)
- To date: Completed 30 state visits for MFRPS implementation

Establishing Two-Way MFRPS' Communication Efforts

- Visits with State programs
  - Regional meetings
  - Face to face meetings (includes MFRPS orientation, pre- and post-assessment visits)
  - FDA Stakeholders at face to face: State reps, DFSR staff, DIBs, DDs, ERCs, State Program Coordinators, Retail Food Specialists
- Monthly conference calls/webcast
  - Utilize FoodSHIELD
  - Created workgroup on FoodSHIELD for sharing of documents between states and on-line meetings

Feed Regulatory Program Standards

Under Construction

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45 States = Food Contracts
11,392 Inspections
$9.8 M

36 States = Feed Contracts
5,400 Inspections
$2.5 M

19 State = Tissue Contracts
260 Inspections
$363k

FY 2010 State Food Contracts

FY 2010 State Feed Contracts

FY 2010 State Tissue Contracts

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FY 2011 Egg Contract

- Purpose: To conduct inspections of egg layer farms to assess compliance with 21 CFR 118 “The Egg Rule”
- Top 20 egg producing states were targeted for contracting
- Training: DFSR is supporting prospective state contractors to attend the required training

Big Picture and Impact of States on Public Health Protection

FY10 Contracts
- 48 States
- 147 Contracts
- 24,445 Inspections
- $22.5M

FY 2010 BSE Grants

- 12 States = BSE Grant
- $22.5M
Food Protection Taskforce Websites

- FDA Press Releases
- Food Safety News
- Social Media
- News in other State Taskforces

Rapid Response Teams – Background

Rapid Response Teams (RRT) develop, implement, exercise, and integrate an all-hazards food and foodborne illness response capability to more rapidly react to potential threats to our food supply. In conjunction with other agencies, FDA district offices, and state emergency operations centers, the RRT’s are another tool to enhance response capabilities.

- 9 States/10 Districts Participating
  - 6 RRTs started in 2008 (CA, FL, MA, MI, MN, NC)
  - 3 RRTs started in 2009 (TX, VA, WA)
- 3-year Cooperative Agreement ($500k/year)
- RRT Activities: Collaboration, Communications, Policies/Procedures, Resources/Training
Rapid Response Teams – Project Goals

- Develop Rapid Response Capabilities (including ICS)
  - Playbook/Best Practices
  - Metrics - to measure/quantify effectiveness and value

- Improve Program Infrastructure
  - Implementation of the Manufactured Food Regulatory Program Standards (MFRPS)

- Strengthened Collaboration
  - Federal/State/Local
  - Across programs (health, ag, etc.)
  - Across initiatives (IFSS, CDC, etc.)

9 Pilot RRTs Build a Foundation for Rapid Response Capability Development

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<th>Component</th>
<th>Phase of a Food Incident Response</th>
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<td>1. Collaboration</td>
<td>Communication</td>
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<td>2. Communication</td>
<td>State Food Emergency Response Plan</td>
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<td>3. Resources</td>
<td>Develop Measures</td>
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- FY10 Grants
- 39 States
- 84 Grants
- $18.3M

Big Picture and Impact of States on Public Health Protection

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Communication with State Partners

- Sharing/Exchange of Information
  - 50-State Conference Calls (quarterly and as needed)
  - State workshops
  - Dissemination of regulatory or pertinent information through the DFSR Broadcast System
    - Recalls, Reportable Food Registry Reports, Weekly Reports
  - Commissioning/Credentialing and Confidentiality Agreements

- Activities among FDA Districts and States
  - Work-planning, recalls, assignments, outbreaks, facility inventory harmonization

Food Safety Modernization Act Implementation

- Federal-State Integration
  - Deliverable groups:
    - Operational Partnerships
    - Capacity Building
    - Training
  - Harmonize work with Partnership for Food Protection (PFP) activities

FSMA Implementation Plan
Section 210, Subsection 1009(f):
Enhancing Food Safety, Progress and Evaluation

Scope of Responsibility: The Secretary shall measure the status and success of each grant program authorized under the Act. The Secretary shall take the performance of such a grant recipient into account when determining whether to continue funding for such a recipient.

Linda Collins and Travis Goodman

Operational Partnerships
Tim Weigner, Travis Goodman

PFP Workgroups: Performance Measures

Section 205(c)1:
Surveillance: Food Safety Defense Strategy and Implementation

Guy Delius
Shuen Chai

PFP Workgroups: Emergency Response, National Standards, Policy and Procedures, and Information Technology

Capacity Building
Anita MacMullan

Section 205(c)2:
Surveillance: State and Local Capacity Review

Tressa Madden
Caleb Michaud

PFP Workgroups: Policy and Procedures, Laboratory, and Information Technology

Capacity Building
Anita MacMullan

Section 205(c)3:
Surveillance: Food Safety Defense Strategy and Implementation

Scope of Responsibility: The Secretary shall develop and implement strategies to leverage and enhance the food safety and defense capacities of State and local agencies in order to:

- Improve foodborne illness outbreak response and containment
- Accelerate foodborne illness surveillance and outbreak investigation, including rapid shipment of clinical isolates from clinical laboratories to appropriate State labs, and conducting more standardized illness outbreak interviews
- Strengthen the capacity of State and local agencies to carry out inspections and enforce safety standards
- Improve the effectiveness of Federal, State and local partnerships to coordinate food safety and defense resources and reduce the incidence of foodborne illness
- Share information on a timely basis among public health and food regulatory agencies, with the food industry, with health care providers, and with the public
- Strengthen the capacity of State and local agencies to achieve the goals described in section 108.

Guy Delius, Shuen Chai

PFP Workgroups: Emergency Response, National Standards, Policy and Procedures, and Information Technology

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Section 205(c)(2):
Surveillance: State and Local Capacity Review
Scope of Responsibility: The Secretary shall, not later than one year after the date of enactment of the FDA FSMA, complete a review of State and local capacities, and needs for enhancement, which may include:

- A survey with respect to staffing levels and expertise available to perform food safety and defense functions.
- Laboratory capacity to support surveillance, outbreak response, inspection, and enforcement activities.
- Information systems to support data management and sharing of food safety and defense information among State and local agencies with counterparts at the Federal level.
- Other State and local activities and needs as determined appropriate by the Secretary.

Tressa Madden and Caleb Michaud

PFP Workgroups: Policy and Procedures, Laboratory, and Information Technology

Section 209:
Improving the Training of State, Local, Territorial, and Tribal Food Safety Officers
Scope of Responsibility: The Secretary shall set standards and administer training and education programs for the employees of State, local, territorial, and tribal food safety officials... including programs for:

- Scientific training.
- Training to improve the skills of officers and employees authorized to conduct inspections under sections 702/704.
- Training to address best practices.
- Training in administrative process and procedure and integrity issues.
- Training in appropriate sampling and laboratory analysis methodology.
- Training in building enforcement actions following inspections, examinations, testing and investigations.

Pat Alcock and Will Dardick

PFP Workgroups: Training

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DFSR Website:
http://www.fda.gov/ForFederalStateandLocalOfficials/default.htm

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Where Does Your Organization Fit Within the Integrated Food Safety Systems?