

Workshop on Public Sector Food Safety

Data Collection, Access and Sharing

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Examples of “Regulatory Data”

What is “regulatory data?” For the purposes of this discussion, we mean data collected by regulatory agencies at the federal, state, and local levels to support regulatory activities. Much of this is microbiological and chemical residue contamination data in various forms, but it also includes many other types of information, such as animal health data, the results of sanitation inspections, enforcement and recall databases, and anti-microbial resistance monitoring data. The following are illustrative examples of data types and sources that could be considered to comprise “regulatory data.”

U.S. FOOD AND DRUG ADMINISTRATION

- Data collected through various FDA food compliance programs, such as:
 - o Food Safety Program (microbial & chemical contamination, filth, decomposition)
 - o Pesticides and Industrial Chemicals in Food Program
 - o Import Seafood Products Compliance Program
 - o Juice HACCP Inspection Program
 - o Risk-based import inspections at border
- Inspection results (FACTS and eSAF databases)
- Food recall information (RES database)
- Antibiotic resistance in animal production (NARMS database)
- Other key databases include: eLEXNET (laboratory results) and OASIS (import inspection)

U.S. DEPARTMENT OF AGRICULTURE

- Data from FSIS inspection and compliance activities
 - o Inspection observations concerning plant sanitation and HACCP implementation
 - o Microbiological Testing Program
 - *Salmonella*, generic *E. coli*, *E. coli* O157:H7
 - o Animal Disposition Reporting System
 - o National Residue Program
 - o Food recall information
- FSIS baseline prevalence survey data
 - o *Salmonella*, generic *E. coli*
- AMS Microbiological Data Program (Produce)
- AMS Pesticide Data Program (Produce)
- APHIS National Animal Health Monitoring System (Pathogens shed in animal feces)

STATE AND LOCAL AGENCIES

- Facility licensing information
- Sanitation observations and other inspection data
- Retail sanitation complaints
- Foodborne illness complaints
- Microbial and chemical contamination testing data
- Other data from complaint and outbreak investigations