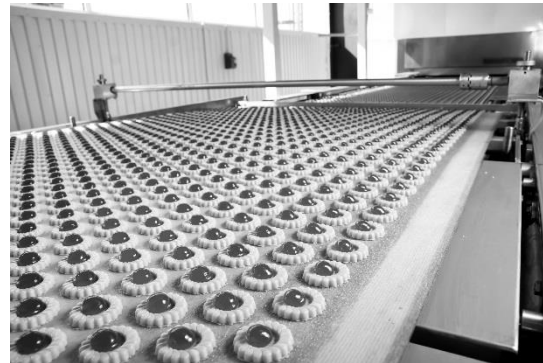




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INTERNATIONAL  
FOOD PROTECTION  
TRAINING INSTITUTE



# IFPTI Fellowship Cohort V: Research Presentation

Dr. Norman N. Arroyo-Llantín

2015-2016



# *A Comparison of the Approach to Sampling Among Nine State Food Safety Programs*

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Florida Department of Agriculture and  
Consumer Services

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## The role of a food safety program

- Inspection
- Epidemiology
- Laboratory support

## Sampling and food safety program

- Cost
- Trained personnel

## Purpose of sampling

- Identifies contaminated products
- Protects public health

### Approach to sampling

- Funding
- Resources
- Laboratory capacity

### Cooperative agreements

- ISO accreditation
- Integrated food Safety System

### Evaluation of the sampling program

- Using the available tools
- Guidance

The factors used among food safety programs regarding planning for sampling of food products are unknown.

1. Do state food safety programs that conduct sampling take a uniform approach to plan sampling of food products?
2. Do food safety programs that conduct sampling use pre-determined factors to plan for sampling?

- 
- Contact of state programs by phone or e-mail
  - Phone Interviews with State Programs
    - 7 questions
  - Data Collection
    - Phone interviews
    - Follow-up as needed
  - Analysis
    - Qualitative analysis
    - Excel

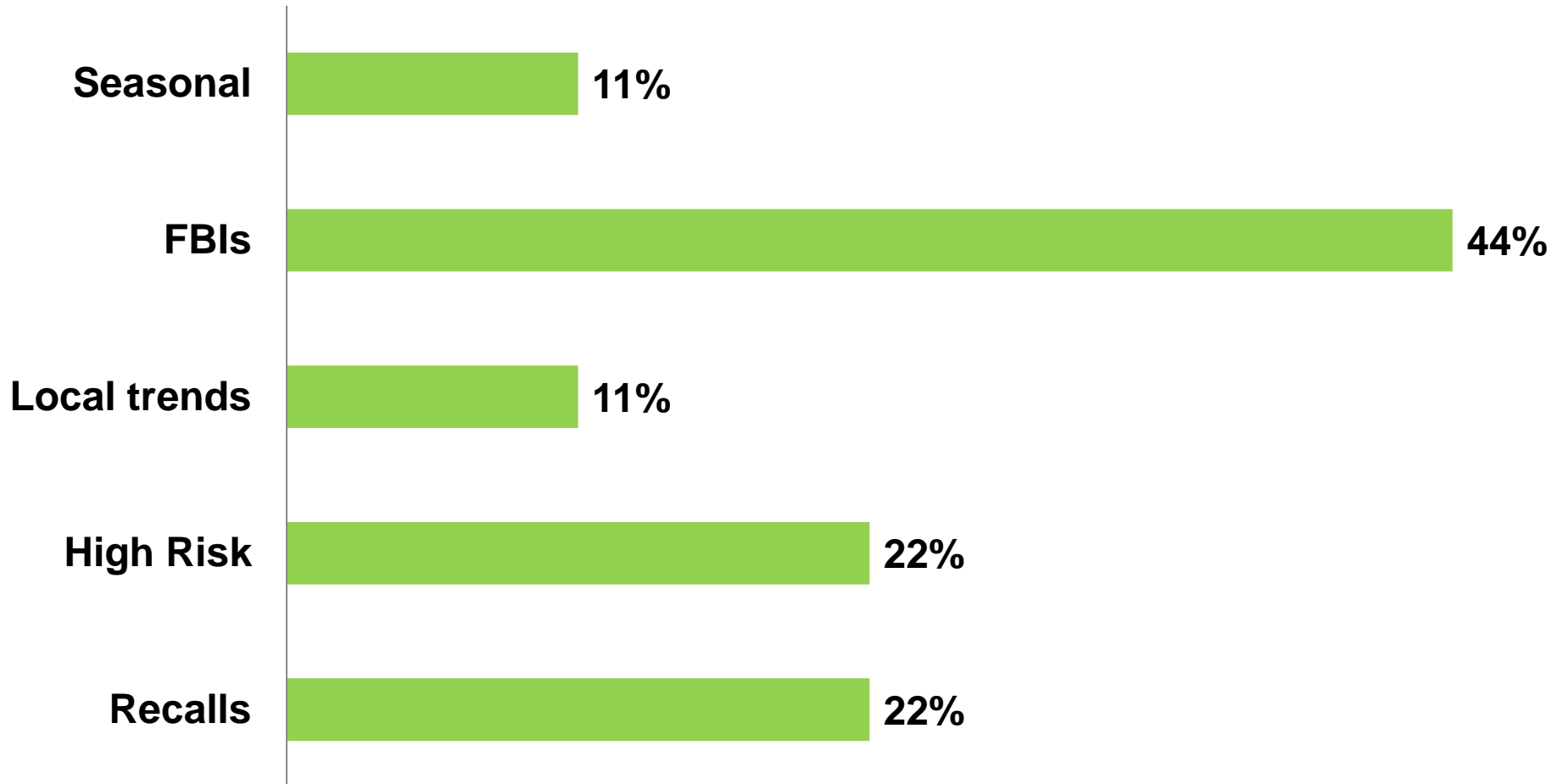
- State Programs
  - Department of Health (n=3)
  - Department of Agriculture (n=5)
  - Other (n=1)
- Regions covered
  - 4



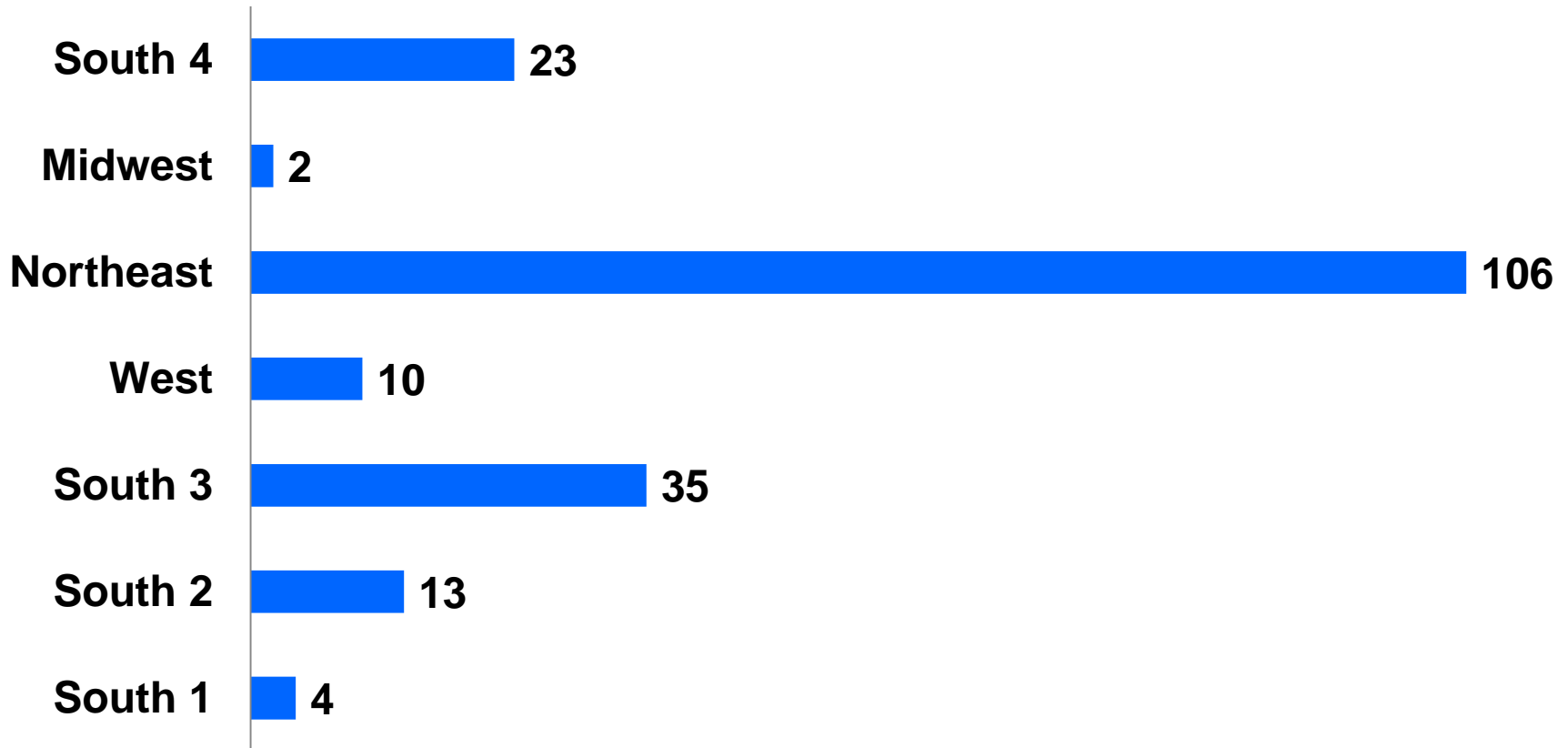
## Food Safety Programs Response to Interview Questions

Sampling procedures	100%
ISO accreditation	56%
Surveillance and complaint based sampling	78%
Planning between the inspection program and the laboratory	78%

## Food Safety Programs Factors used for Sampling (N=9)



### Number of Samples Collected by State per 100,000 Population



## Planning for sampling

- Written sampling procedures
- Planning with the laboratory
- ISO accreditation

## Approach for sampling

- Factors used for sampling
- Sample collection
- Determination of factors

## Evaluation and planning critical

1. Future research should focus on whether improvements in planning in a food sampling program will affect the use of resources and the cost associated with it.
2. Future research should be focused on the effectiveness in operating a food sampling program and its correlation with food safety risks.

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# Questions?

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