New Era of Smarter Food Safety
FDA’s Blueprint for the Future

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NEW ERA OF SMARTER FOOD SAFETY
FDA’s Blueprint for the Future
Welcome to FDA's New Era of Smarter Food Safety

- Tech-enabled Traceability
- Smarter Tools and Approaches for Prevention and Outbreak Response
- New Business Models and Retail Modernization
- Food Safety Culture
Tech-Enabled Traceability

1.1 Develop Foundational Components

1.2 Encourage & Incentivize Industry Adoption of New Technologies

1.3 Leverage the Digital Transformation
Low or No Cost Tech Enabled Traceability Challenge

FDA Tech Talk on Traceability

TechTalk Podcast Episode 1: Tech-enabled Traceability in the New Era of Smarter Food Safety

Smarter Tools and Approaches for Prevention and Outbreak Response
2.1 Invigorate Root Cause Analyses
Smarter Tools and Approaches

2.2 Strengthen Predictive Analytics
The FDA Moves into Third Phase of Artificial Intelligence Imported Seafood Pilot Program

Constituent Update

August 22, 2022

The U.S. Food and Drug Administration has kicked off the third phase of the Artificial Intelligence (AI) Imported Seafood Pilot program, which uses AI and machine learning
FDA Tech Talk on Artificial Intelligence

TechTalk Podcast Episode 3: Artificial Intelligence in the New Era of Smarter Food Safety

TechTalk Podcast Main Page

From left to right: Cronan McManara (Creme Global), Maria Vellisseniou (Global Corporate Research & Development), Nikos Menousis (Agroknow)

FDA Tech Talk on Artificial Intelligence

TechTalk Podcast Episode 4: Data Exchange in the New Era of Smarter Food Safety

TechTalk Podcast Main Page

From left, Jennifer Pierquet (AFDO); Kristen Lozinak (Maryland Department of Health); Phillip Fruechting (Arkansas Department of Health)

TechTalk Podcast Episode 4: Data Exchange in the New Era of Smarter Food Safety | FDA
Smarter Tools and Approaches

2.3 Domestic Mutual Reliance
Smarter Tools and Approaches

2.4 Inspection, Training, and Compliance Tools
Smarter Tools and Approaches

2.5 Outbreak Response
Foodborne Outbreak Response Improvement Plan

Webinar Recording


New Era of Smarter Food Safety: FDA's Foodborne Outbreak Response Improvement Plan

Tackling foodborne outbreaks faster and revealing the root cause are essential for the prevention of future outbreaks. We have a plan to do that.

Foodborne disease remains a significant public health problem in the United States. The FDA’s Foodborne Outbreak Response Improvement Plan (FORIP), described in this document, is an important step that the FDA is taking to enhance the speed, effectiveness, coordination, and communication of outbreaks investigations. (Unless stated otherwise, this report focuses exclusively on the response to human food and not animal food.)

Prevention Strategies

FDA Releases New, Prevention Strategies to Enhance Food Safety

FDA Releases New, Prevention Strategies to Enhance Food Safety | FDA
Smarter Tools and Approaches

2.6 Recall
Modernization
The Enforcement Report Subscription Service enables consumers/industry to sign up for e-mail alerts using keywords for new/updated #recalls. Subscribe TODAY to help protect #PublicHealth!
accessdata.fda.gov/scripts/ires/i...
New Business Models and Retail Modernization
New Business Models and Retail Modernization

3.1 Ensure Safety of Food Produced or Delivered Using New Business Models
Online Share of Grocery Basket

By 2023, could reach $100 Billion annually

Source: The Digitally Engaged Consumer, FMI & Nielsen
New Business Models and Retail Modernization

3.2 Modernize Traditional Retail Food Safety Approaches
Modernizing through Partnership

The Collaborative

Members of these organizations make up the Retail Food Safety Regulatory Association Collaborative.

Home - Retail Food Safety Collaborative
4.1 Promote Food Safety Throughout the Food System
Food Safety Culture

4.2 Further Promote Food Safety Throughout the Agency
4.3 Develop and Promote a Smarter Food Safety Consumer Education Campaign
Webinar Series

Promote and discuss best practices, gaps, opportunities in improving food safety culture

About our Food Safety Culture Webinar Series - Stop Foodborne Illness
For more information:

• [www.fda.gov/SmarterFoodSafety](http://www.fda.gov/SmarterFoodSafety)
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• Contact us: [smarterfoodssafety@fda.hhs.gov](mailto:smarterfoodssafety@fda.hhs.gov)