

New Era of Smarter Food Safety



@FrankYiannasFDA



Are we WINNING the battle against foodborne disease?

Bending the Curve of Foodborne Illness

Percent Change in Incidence from 2016-2018 to 2019 (U.S.)

Campylobacter	+13
Salmonella	+5
STEC	+34
Shigella	+7
Yersinia	+153
Vibrio	+79
Listeria	+1
Cyclospora	+1209

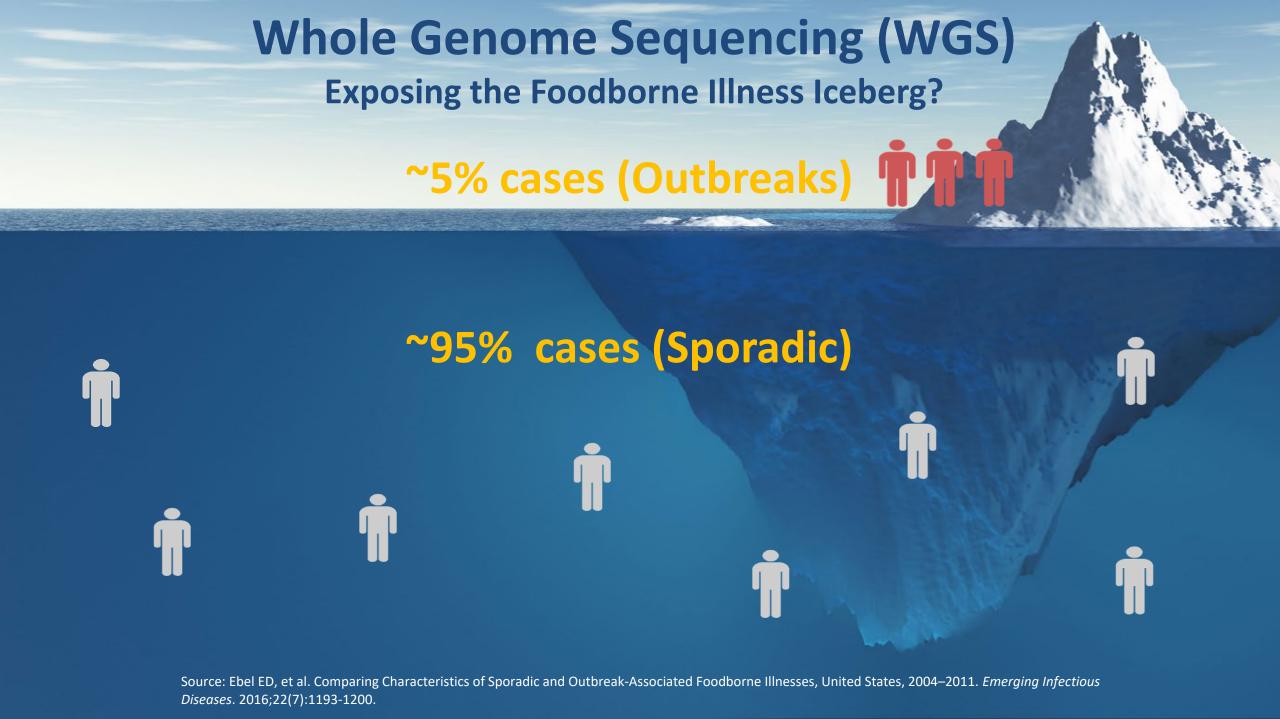


Source: CDC FoodNet









A Modern Approach for Modern Times



Tech-enabled Traceability



Smarter Tools and Approaches for Prevention and Outbreak Response







New Business Models and Retail Modernization

Food Safety Culture

Proposed Food Traceability Rule



Tech-Enabled Traceability



Packing House







Inspection Modernization

"Consistent with FDA's New Era of Smarter Food Safety vision. we plan to further leverage new and emerging technologies an data-driven, predictive analytic approaches to strengthen our compliance oversight work."

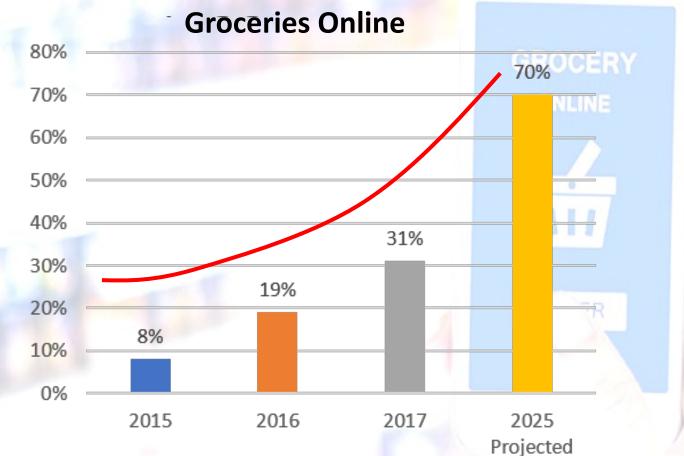


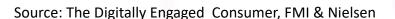




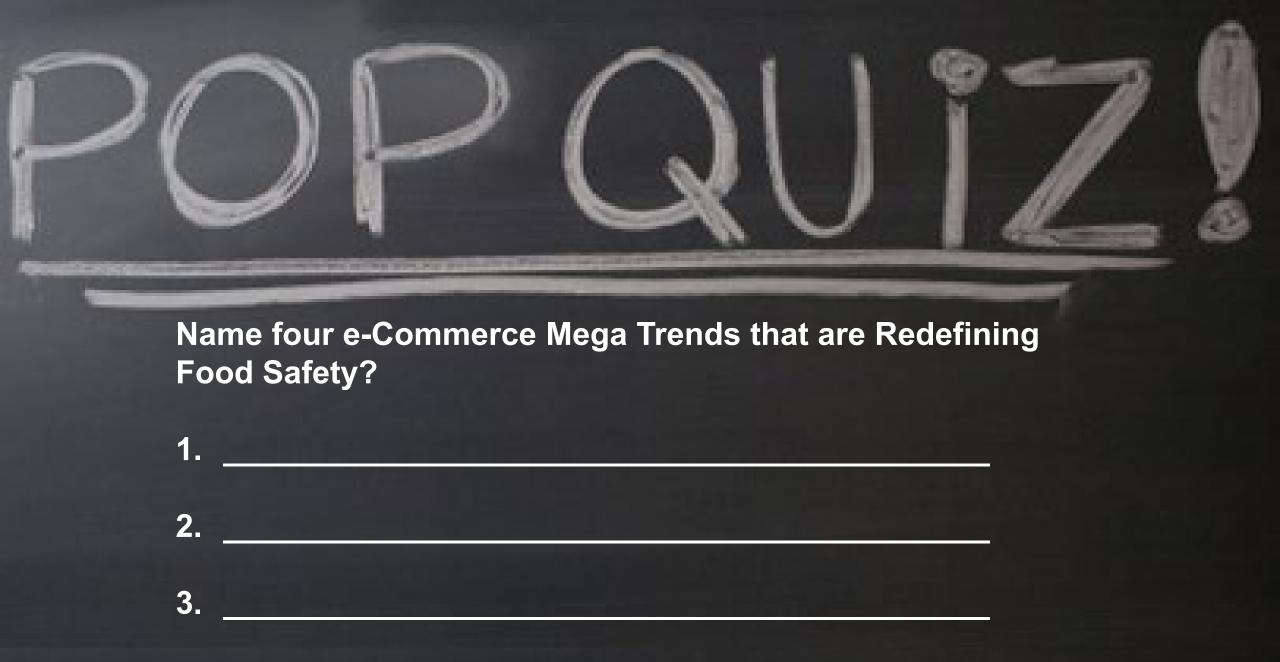
Online Grocery Shopping













Grocery Pick-Up



Home Delivery



Novel Delivery









Home Shipping & Meal Kits



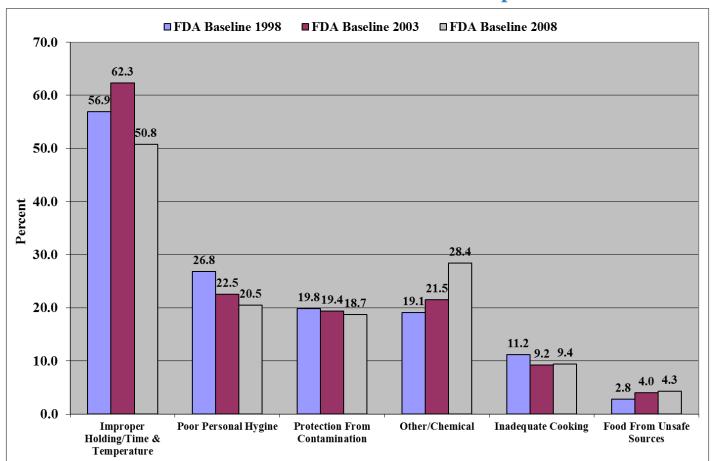






Fresh Look at Retail

Retail Food Deli Departments Percent Observations Out-of-Compliance















Food Safety = Behavior





Food Safety Culture

Research

Behavioral Science Principles

FDA Staff Training

Measure Culture & Behavior

"Alone, we can do so little; Together, we can do so much."

FDA U.S. FOOD & DRUG ADMINISTRATION