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The U.S. Government's Global Hunger & Food Security Initiative

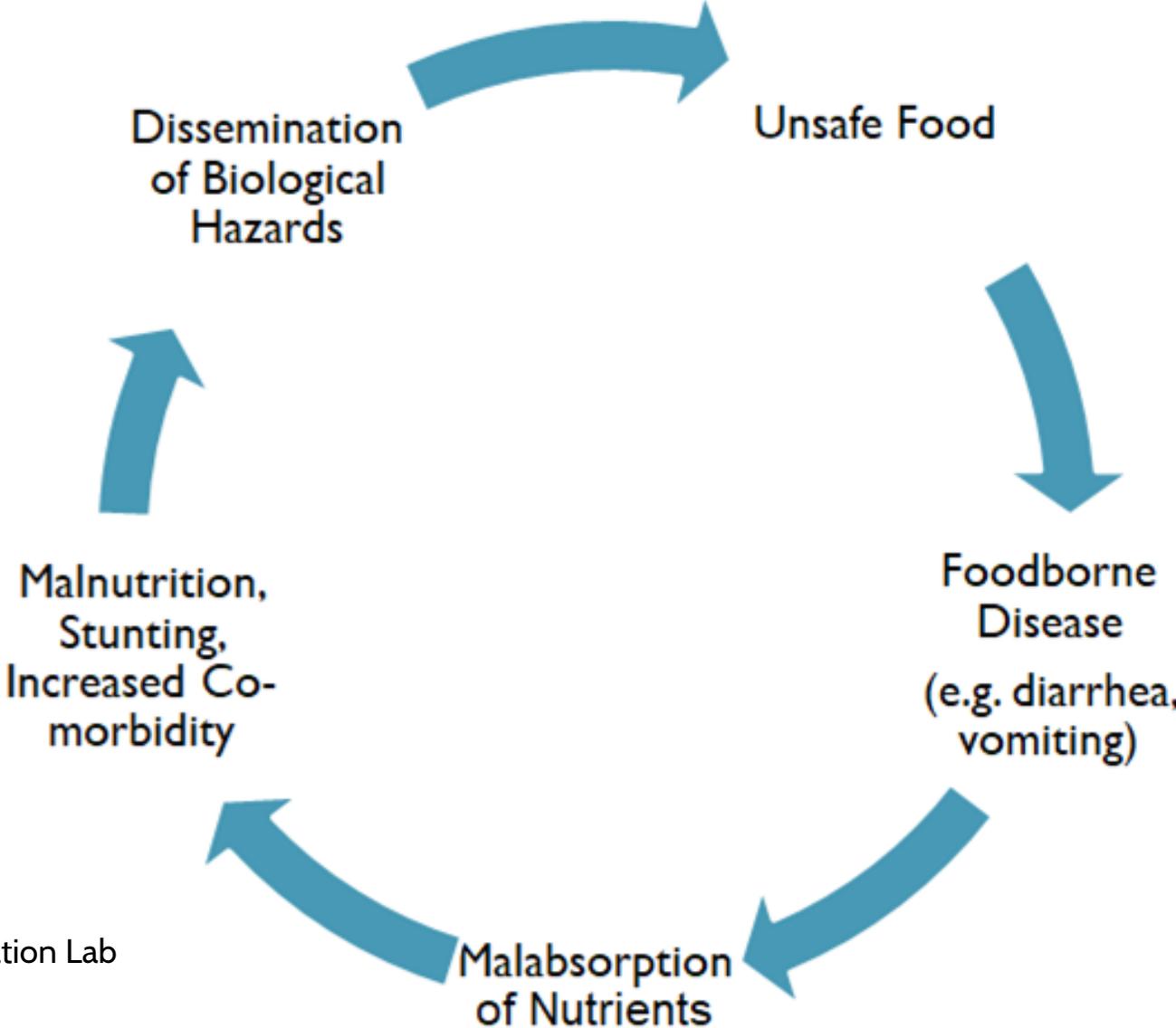
# Food Safety and Nutrition: Why does it matter?

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**UNSAFE FOOD CREATES A CYCLE OF DISEASE AND MALNUTRITION,  
PARTICULARLY AFFECTING INFANTS, YOUNG CHILDREN, ELDERLY AND SICK**

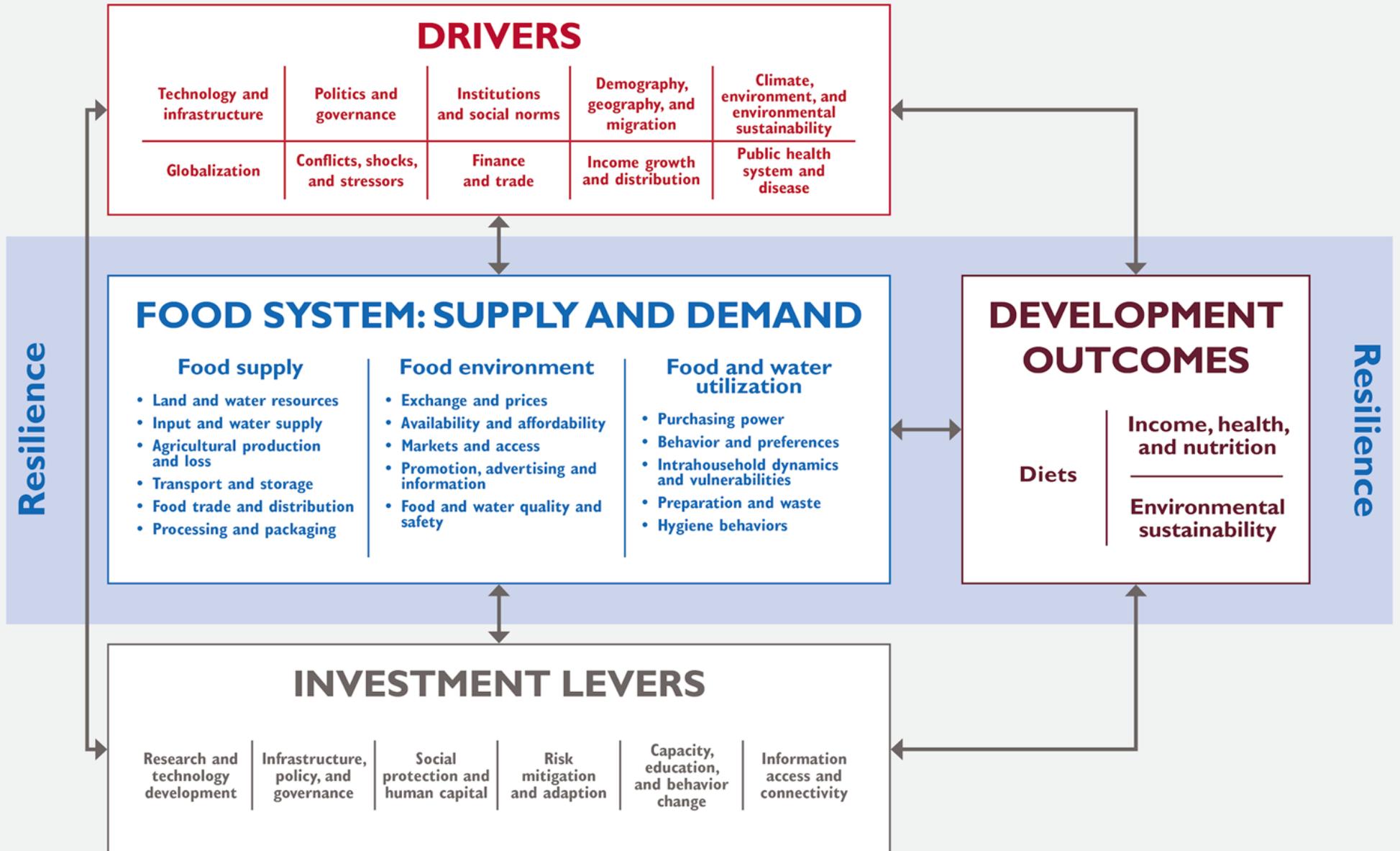


Source: FTF Food Safety Innovation Lab

# Food Safety: What do we know?

- **1 in 10 people develop foodborne illness** from consumption of unsafe foods
- **\$110 billion** is lost every year due to healthcare costs and lost productivity associated with foodborne illnesses
- **420,000 annual deaths** from unsafe food, 125,000 are children under five
- Unsafe food compromises nutrition

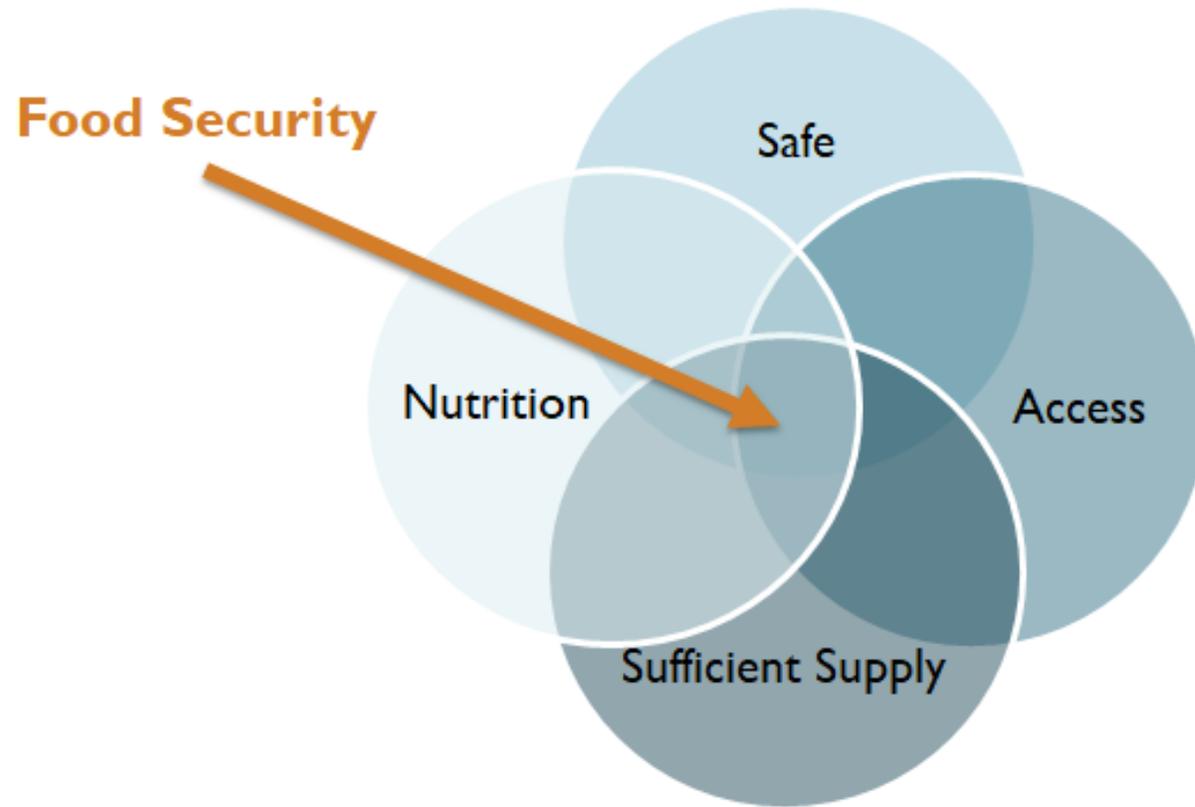
# RFS Food Systems Conceptual Framework



# Food Safety: What are the gaps?

- What is the relationship between food safety and nutrition based on different levels of contamination?
  - Utilize data to develop risk based, evidence driven approaches
- What are the compounding effects of multiple contaminants within the same food product?
- How can we increase consumer awareness and demand for safe and nutritious food products while avoiding unintended negative consequences?

# FOOD SECURITY IS ACHIEVED WHEN FOODS ARE SAFE, NUTRITIOUS, SUFFICIENT, AND AVAILABLE



Source: FTF Food Safety Innovation Lab



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