U.S. FOOD & DRUG ADMINISTRATION
CENTER FOR FOOD SAFETY & APPLIED NUTRITION

FDA Food Safety Data Sharing Platform

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“Better food safety begins and ends with better data.”

Frank Yiannas

Data sharing will accelerate collective learning and enable comprehensive understanding, and ultimately prediction, of food safety vulnerabilities.

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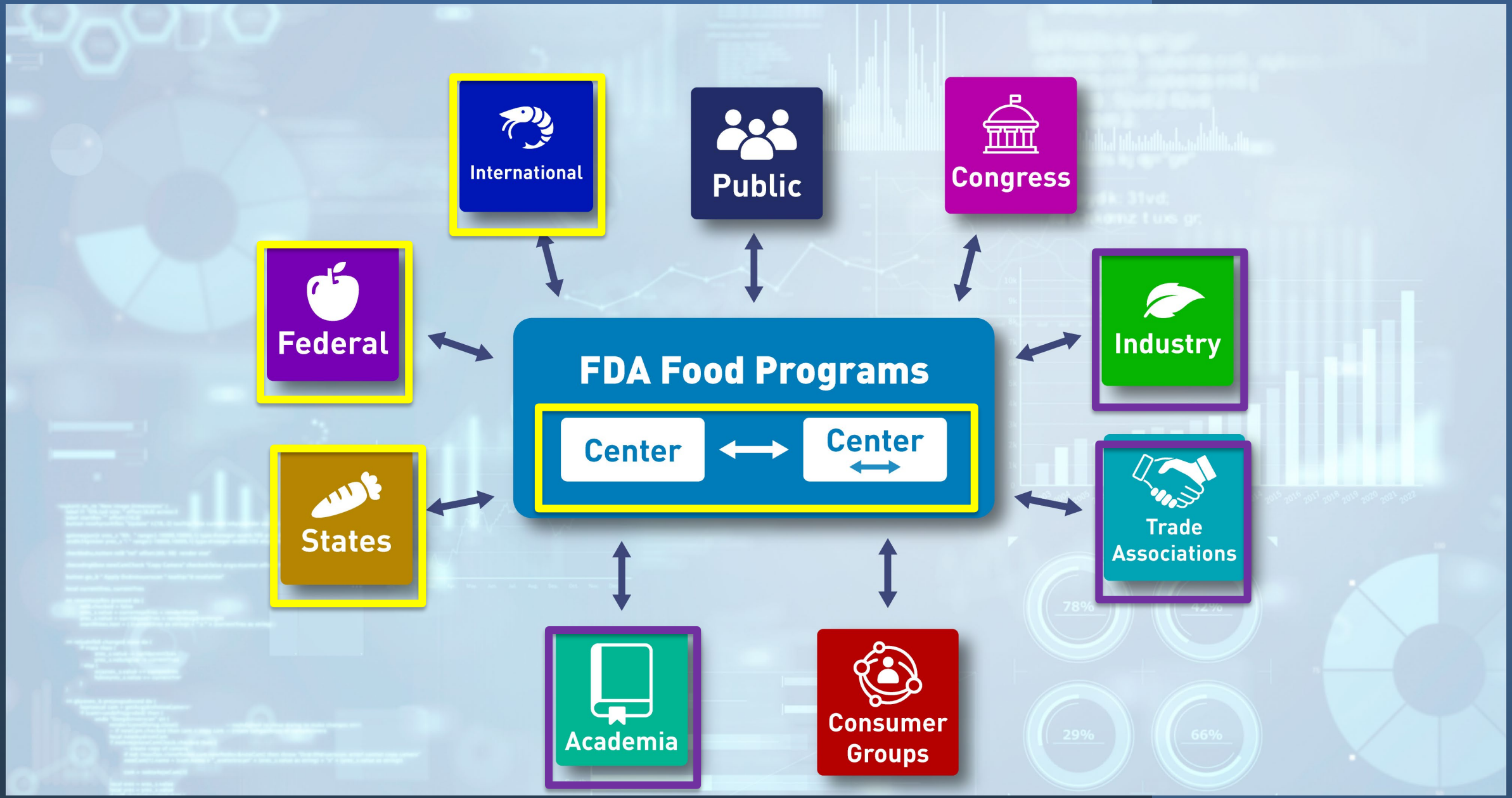
Food Safety

Data Sharing Platform


International
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FDA Food Programs
Center
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Industry
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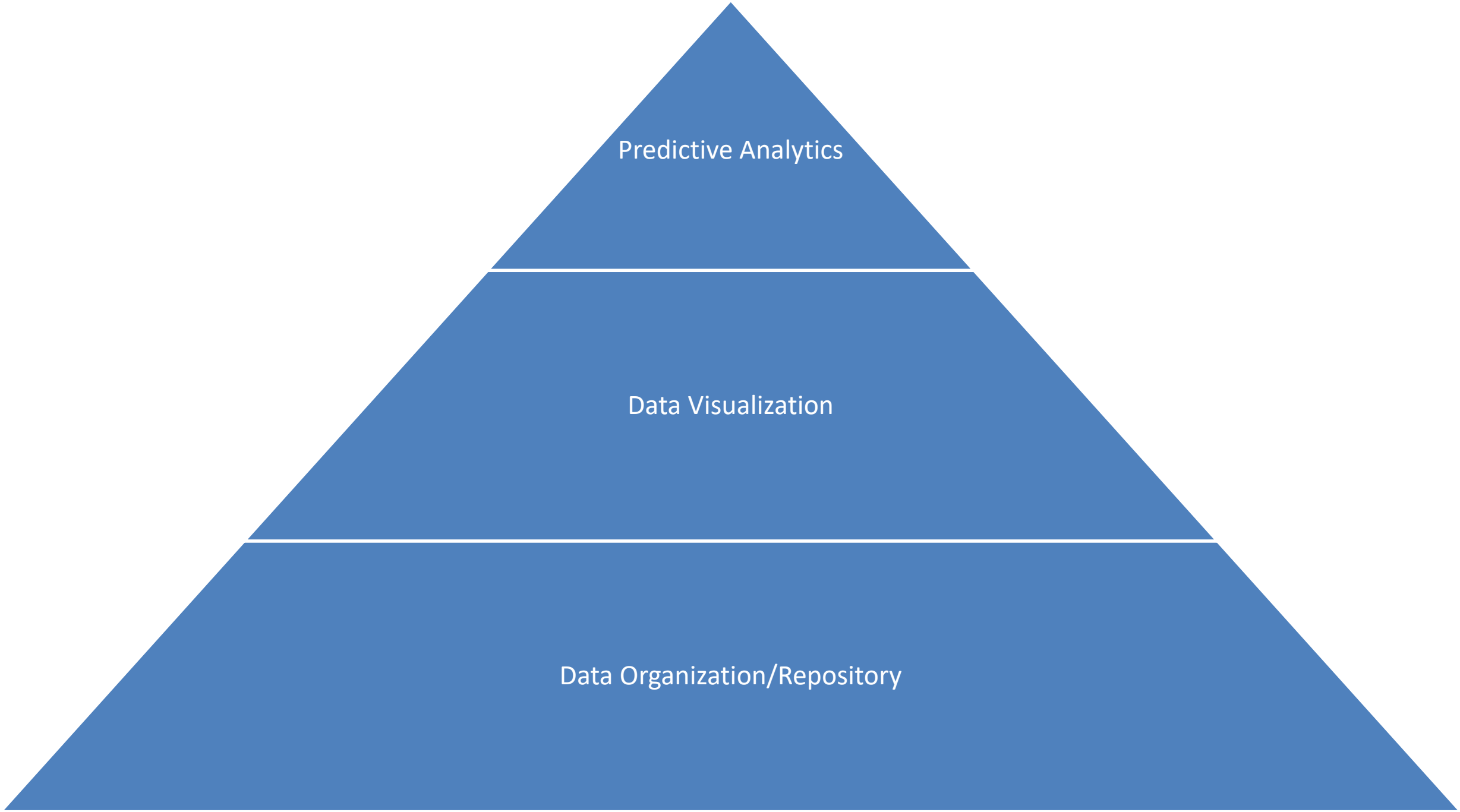
Trade Associations
Academia
Consumer Groups


Predictive Analytics
Data Visualization
Data Organization/Repository

Data: facts, statistics, units of information

METADATA

Metadata: data about data; information that describes or explains the data

Seafood

- PFAS
- Aquaculture Drug Residues
- Marine Biotoxins
- Toxic Elements
- Decomposition
- Microbiology - NEW
- Vibrio Ecological Forecasting - NEW

Other Foods

- PFAS - NEW
- Aquaculture Drug Residues/Antibiotics - NEW
- Toxic Elements - NEW
- Microbiology - NEW

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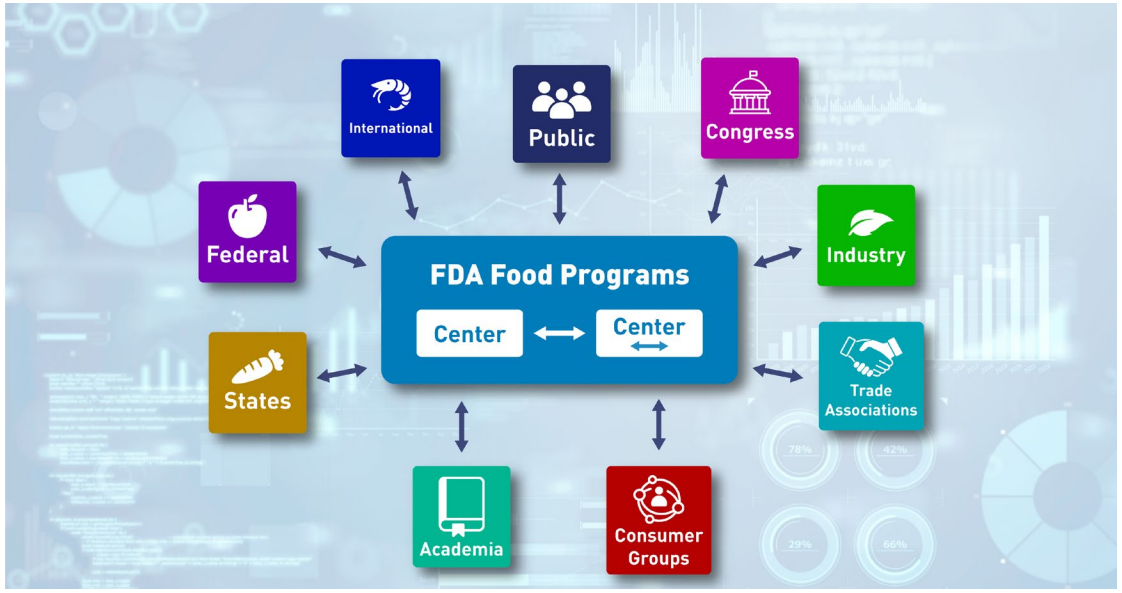
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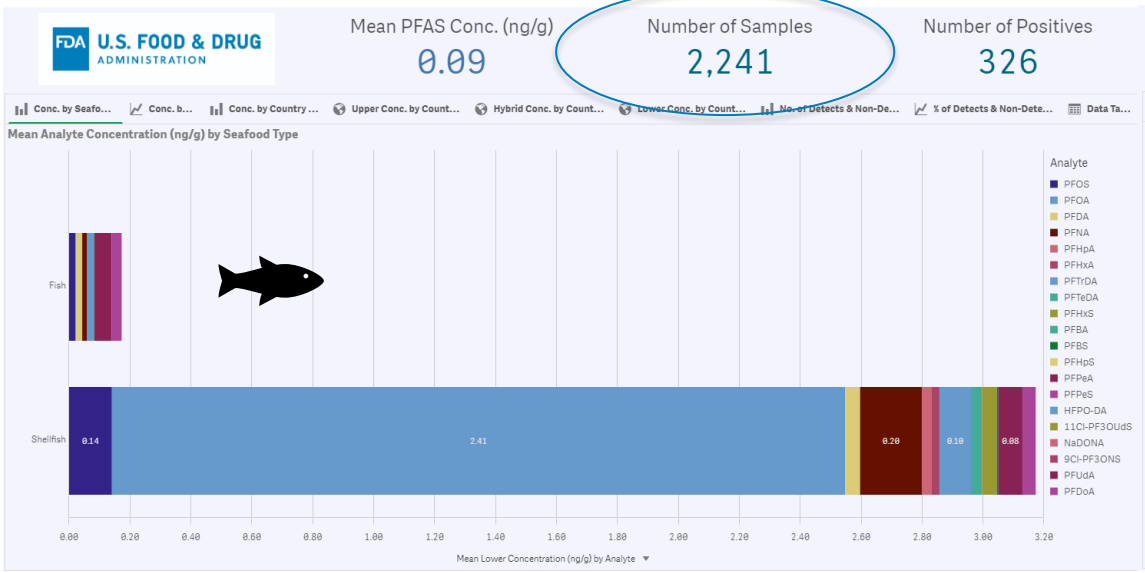
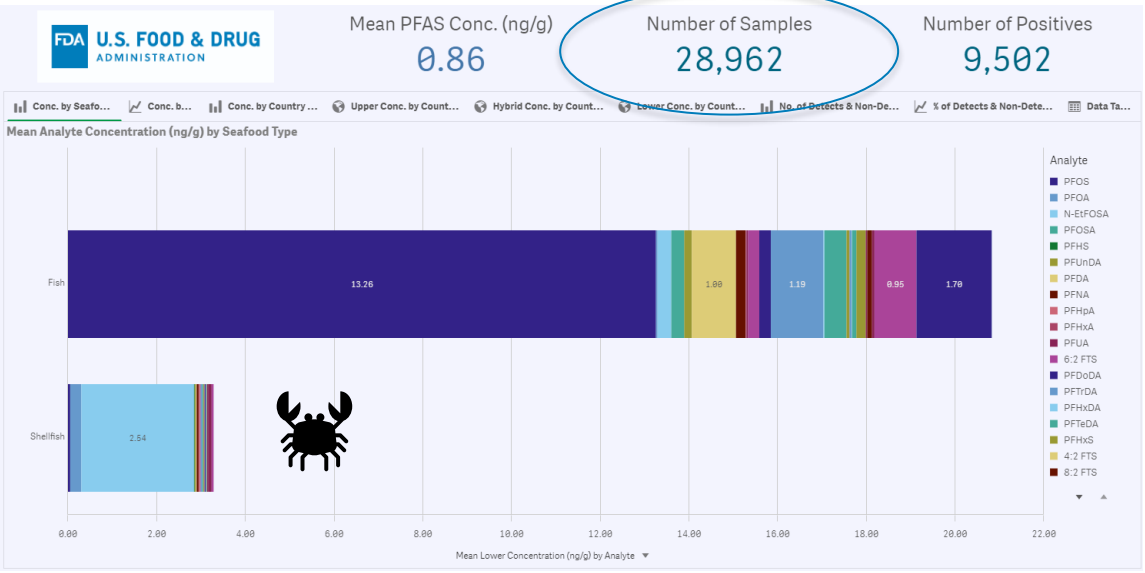
Data Overlays

- PFAS in ground water and surface water
- Locations of industrial/manufacturing facilities
- Locations of known use of AFFF
- Locations of wastewater treatments plants
- Locations of landfills
- Superfund sites with PFAS detection
- Agricultural landscapes





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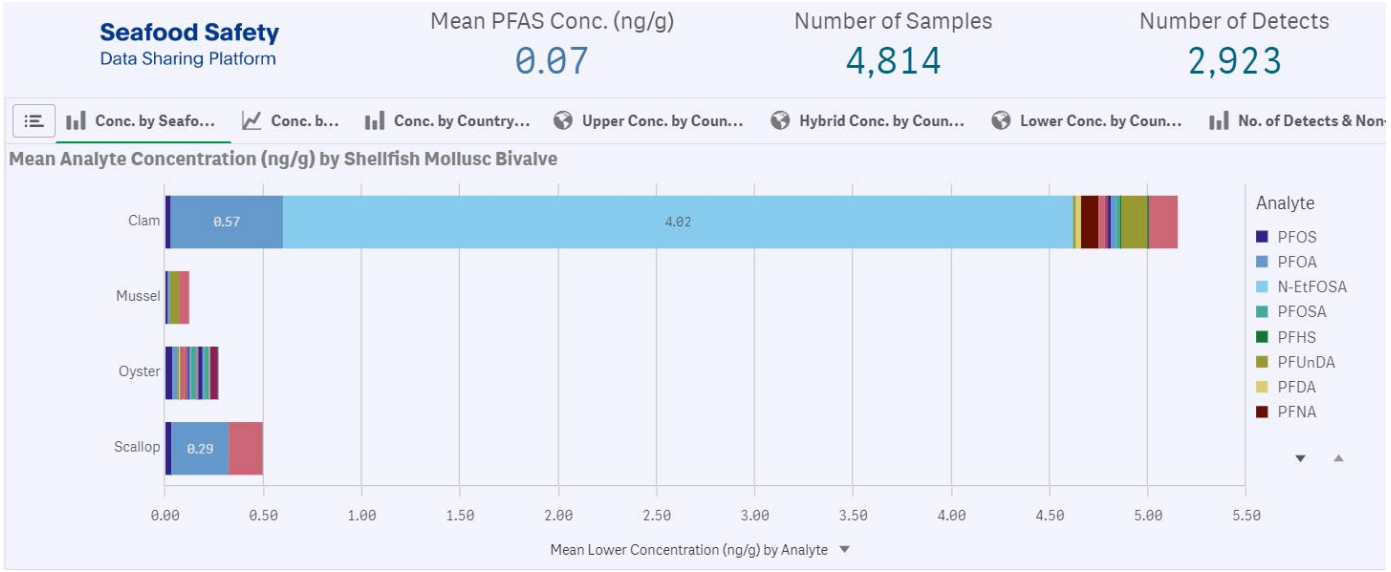
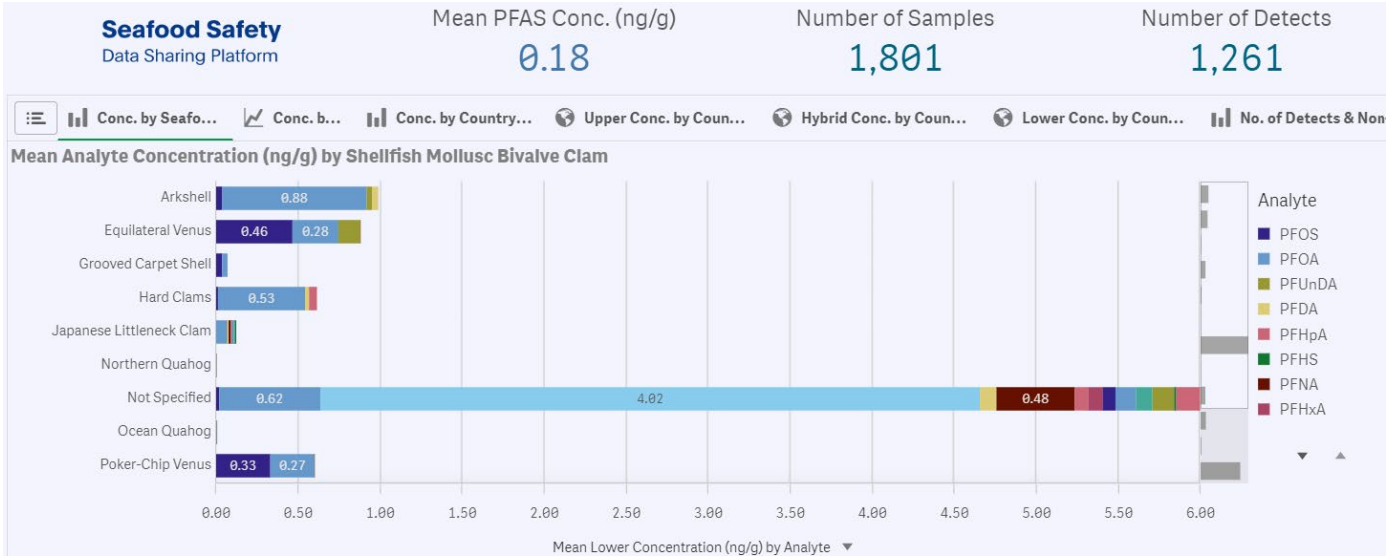
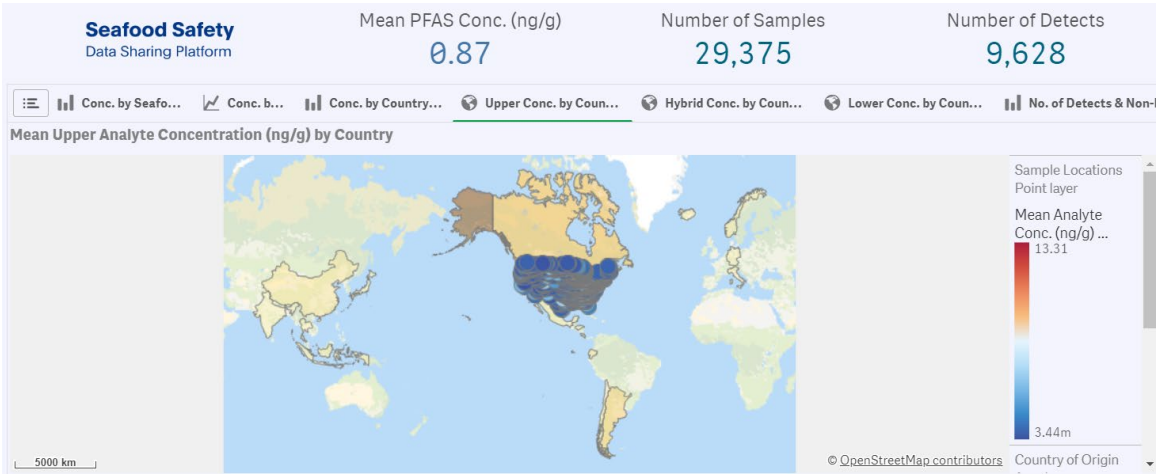
Combined

Bivalve

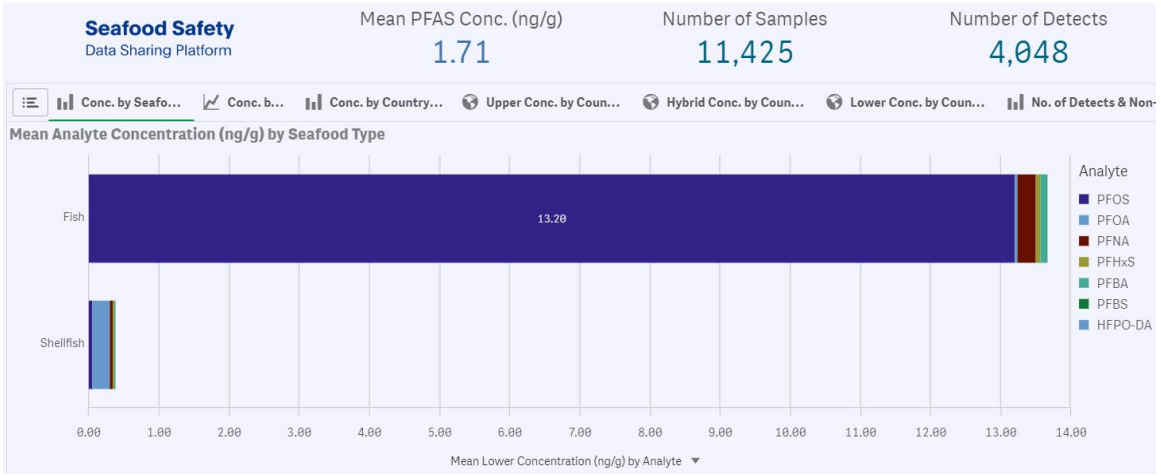


Clam Type





Country



PFAS Type

BENEFITS

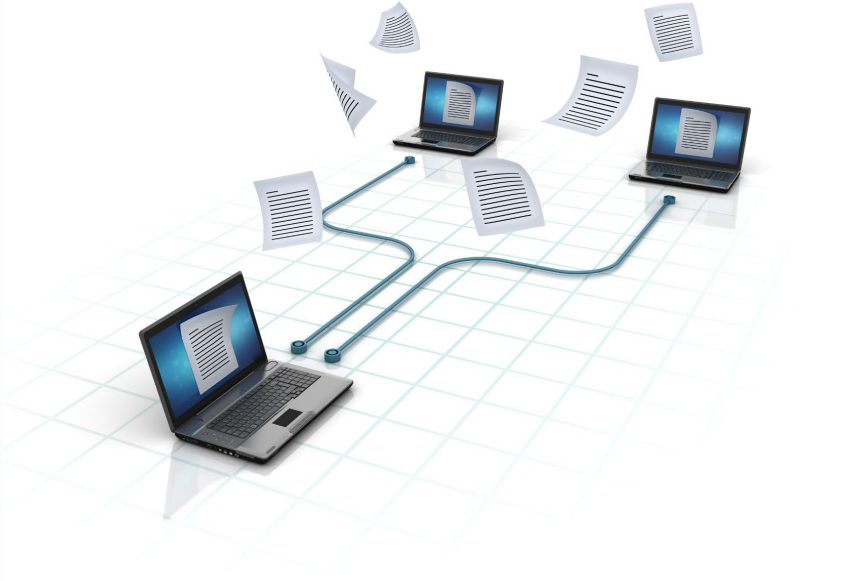
↑ in seafood safety data

Leveraged resources

Accelerated learning

Shared data assets located in one location, with advanced data visualization and predictive analytics

→ actionable insights



Solution
Problem

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