



# YEAR 2 | ACCOMPLISHMENTS SUMMARY

## ABOUT LFFM

**THE LFFM PROGRAM** is a comprehensive emergency response and surveillance cooperative agreement between FDA and Food Emergency Response Network (FERN) partner laboratories, supporting a wide range of analytical activities



LFFM supports an **integrated national laboratory network** that operationalizes **domestic mutual reliance** in support of an integrated food safety system (IFSS)

There are a total of **55 grantees in the program**



### ISO 17025 ACCREDITATION

**47 LFFM Laboratories** maintained **ISO 17025 accreditation** or enhanced their accreditation scope

### PROCESS IMPROVEMENT

**LFFM Sample Guide v2.0** was released in **January 2022**

## PROJECT AREAS (TRACKS)



### FOOD DEFENSE

**41 laboratories** maintained readiness and capacity for the **analysis of foods involving intentional contamination** with microbiological, chemical, and/or radiological contaminants of terrorist concern



### CAPACITY/CAPABILITY DEVELOPMENT (MICROBIOLOGY)

**14 laboratories** implemented and demonstrated competency for **testing of dead-end ultrafiltration (DEUF) filters** from agriculture water collections for E. coli O157:H7 and other Shigatoxin producing E. coli



### WHOLE GENOME SEQUENCING (WGS)

**31 laboratories** submitted sequences for **5,824 enteric pathogen isolates** from food and environmental sources to NCBI

## HUMAN AND ANIMAL FOOD PRODUCT TESTING TRACKS



### MICROBIOLOGY

**25 laboratories** analyzed **7,728 human food samples**, and **16 laboratories** analyzed **3,058 animal food samples**



### CHEMISTRY

**26 laboratories** analyzed **6,134 human food samples**, and **15 laboratories** analyzed **3,200 animal food samples**

A total of **20 recalls** resulted from **positive samples**

## SPECIAL PROJECT TRACKS

### SAMPLE COLLECTION TRACK

**31 laboratories** received funding to support **collection of samples** for the Product Testing Tracks

### DATA EXCHANGE (DX) TRACK

**6 laboratories** received funding for **data system upgrades** that allow electronic submissions of **sample data to FDA**

### METHOD DEVELOPMENT/METHOD VALIDATION (MDV) TRACK

**12 laboratories** received funding to support **4 microbiology MDV projects**  
**15 laboratories** received funding to support **8 chemistry MDV projects**.  
This included single and multi-laboratory validation and matrix extension studies; some projects are multi-year endeavors; 1 micro and 2 chem projects were postponed/not accomplished

### GENOMETRAKR SARS-COV-2 VARIANT SURVEILLANCE TRACK

**20 laboratories** monitored circulating **SARS-CoV-2 variants** of concern in **wastewater**, and the findings were shared with **federal and state partners**

## STRENGTHENING LABORATORY AND STATE REGULATORY PROGRAM PARTNERSHIPS



**Expansion supplements** (funding opportunity announcements) were issued for **MFRPS and AFRPS cooperative agreements** to support **investigation and compliance** activities stemming from LFFM samples. Click the links to learn more!