

Raw Ground Beef Sampling Data – Data Documentation

Overview

These data are the sampling results of FSIS' routine microbiological sampling of Raw Ground Beef Products. Additional information can be found on the FSIS website.

<https://www.fsis.usda.gov/wps/portal/fsis/topics/data-collection-and-reports/microbiology/ec>

Each row in this data set represents one sample collected and sent to an FSIS laboratory for analysis. Each sample is analyzed for *E. coli* O157:H7 and *Salmonella* Species.

Data Dictionary

- EstablishmentID
 - Definition: A unique identifier that is used to identify an establishment across data tables in the FSIS databases.
- EstablishmentNumber
 - Definition: A letter/number combination uniquely identifying each establishment.
- EstablishmentName
 - Definition: The name of an establishment on the FSIS grant of inspection.
- State
 - Definition: The state the establishment is located.
- ProjectCode
 - Definition: A short name given to easily identify an FSIS sampling project.
 - See Directive 10,010.1 for additional details
 - <https://www.fsis.usda.gov/wps/wcm/connect/c100dd64-e2e7-408a-8b27-ebb378959071/10010.1.pdf?MOD=AJPERES>
 - Project in this dataset
 - MT43 - Risk-based Sampling of Raw Ground Beef or Veal Products - *E. coli* O157:H7 & *Salmonella*
- ProjectName
 - Definition: The name of the FSIS sampling project.
- FormID
 - The form number used to uniquely identify a specific sample.
- CollectionDate
 - The date the FSIS inspector collected the sample at the FSIS regulated establishment.
- SampleSource

- The type of product collected in the sample.
- EColiAnalysis
 - Definition: The result of the analysis for *E. coli* O157:H7 in the sample.
 - Negative = *E. coli* O157:H7 was not found in the sample
 - Positive = *E. coli* O157:H7 was found in the sample.
 - All raw ground beef samples with a positive *E. coli* O157:H7 result were either prevented from going into commerce due to test and hold or were recalled.
- SalmonellaSpAnalysis
 - Definition: The result of the analysis for *Salmonella* Species in the sample.
 - Negative = *Salmonella* was not found in the sample
 - Positive = *Salmonella* was found in the sample.

Relationship to Other Data

This data can be combined with other FSIS datasets using the EstablishmentID variable.

Notes and Limitations

Information about FSIS sampling laboratories and procedures can be found on the FSIS website.

<http://www.fsis.usda.gov/wps/portal/fsis/topics/science/laboratories-and-procedures>

<http://www.fsis.usda.gov/wps/portal/fsis/topics/science/laboratories-and-procedures/guidebooks-and-methods/microbiology-laboratory-guidebook/microbiology-laboratory-guidebook>

FSIS added *Salmonella* Species analysis to the MT43 sampling project in July, 2014.

NULL values indicate that the specific variable is not available for that record.

Prior Analysis

Prior analysis using this data can be found on the FSIS website.

<https://www.fsis.usda.gov/wps/portal/fsis/topics/data-collection-and-reports/microbiology/ec/testing-program-for-e-coli-o157h7-and-non-o157-stec>