

# Raw Beef Trim Sampling Data – Data Documentation

## Overview

These data are the sampling results of FSIS' routine microbiological sampling of Raw Beef Trim 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.

## 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 a FSIS sampling project.
  - See Directive 10,010.1, Revision 4 for additional details
  
  - <https://www.fsis.usda.gov/wps/wcm/connect/c100dd64-e2e7-408a-8b27-ebb378959071/10010.1.pdf?MOD=AJPERES>
  
  - Projects in this dataset
    - MT60 - Sampling of Beef Manufacturing Trimmings
    - MT55 – *E. coli* O157:H7 Sampling of Bench Trim intended for Ground Beef or other non-intact product
    - MT65 - Sampling of Bench Trim for further use in ANY raw, non-intact beef products. NOTE: MT65 replaced MT55 in September 2015
- 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.
- EColiO157H7Analysis
  - 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 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.
- NonO157STECAnalysis
  - Definition: The result of the analysis for Non-O157 STEC in the sample.
  - This analysis only applies to MT60 samples. Analysis for non-O157 STEC is performed on beef manufacturing trimmings samples from cattle slaughtered on-site.
  - Negative = Non-O157 STEC was not found in the sample
  - Positive = Non-O157 STEC was found in the sample.
  - All samples with a positive Non-O157 STEC result were either prevented from going into commerce due to test and hold or were recalled.

## 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* analysis to the MT55 and MT60 sampling projects in July, 2014.

MT55 and MT65 samples are not analyzed for Non-O157 STEC.

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>