

Raw Beef Follow-Up Sampling Data – Data Documentation

Overview

These data are the results of FSIS' follow-up microbiological sampling of Raw 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.

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 abbreviation of the state where the establishment is located.
- ProjectCode
 - Definition: A short name given to easily identify a 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>

- Projects in this dataset
 - MT44 – Follow-up sampling of raw ground beef product in response to a MT43 or Agricultural Marketing Service (AMS) positive result in raw ground beef product at Federal establishments
 - MT44T – Follow-up sampling of raw ground beef, trim, or other component outside of projects MT44, MT53, and MT52 collected by IPP at Federally inspected establishments
 - MT52 – Follow-up sampling at suppliers of beef manufacturing trimmings or other components from originating slaughter suppliers, in response to a MT43, MT65, or AMS ground beef positive result

- MT53 – Follow-up sampling of trim or other components at the establishment that produced product in response to a MT60, MT65, MT64, or AMS trim testing positive
- ProjectName
 - Definition: The name of the FSIS sampling project.
 - Note: Some project names for the projects codes changed when FSIS added *Salmonella* Species analysis in July, 2014.
- 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 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.
- NonO157STECAnalysis
 - Definition: The result of the analysis for Non-O157 Shiga toxin-producing *E. coli* (STEC) in the sample.
 - 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 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 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>