

Recall API - Roadmap for Operation and Functionalities

The Recall API provides delivery of content of type Recall in JSON format. The content can be filtered by several types of fields that compound that content type.

The complete solution also includes an administrative page that helps the administrator to build the set of parameters that will compound the request for filtering purposes.

API endpoint

`fsis/api/recall/v/1`

The complete URL is: <https://www.fsis.usda.gov/fsis/api/recall/v/1>

Sample results of an unfiltered request:

Beautified output of a request from a Firefox browser:

```
[
  {
    "field_title": "Foster Farms Recalls Fully Cooked Frozen Chicken Patty
Products Due to Possible Foreign Matter Contamination",
    "field_active_notice": "True",
    "field_states": "Arizona, California, Colorado, Utah, Washington",
    "field_archive_recall": "False",
    "field_closed_date": "2022-10-29",
    "field_closed_year": "",
    "field_company_media_contact": "\n Company Media Contact\n \n Vice
President of Communications, Foster Farms\n Ira Brill\n 209-394-
6891\n info@fosterfarms.com\n \n\n",
    "field_distro_list": "",
    "field_en_press_release": "",
    "field_establishment": "Foster Farms",
    "field_labels": "Recall-040-2022-label.pdf",
    "field_media_contact": "Bailey McWilliams",
    "field_risk_level": "High - Class I",
    "field_last_modified_date": "2022-10-29",
    "field_press_release": "",
    "field_processing": "Fully Cooked - Not Shelf Stable",
    "field_product_items": "\u2022\t80-oz. plastic bag packages containing 20
pieces of \u201cCHICKEN PATTIES BREADED CHICKEN BREAST PATTIES WITH RIB
MEAT\u201d with best by date \u201c08/11/23,\u201d establishment number
```

```

\u201cP-33901,\u201d and lot code \u201c3*2223**\u201d in inkjet print on the
back edge of the packaging as",
  "field_qty_recovered": "",
  "field_recall_classification": "Class I",
  "field_recall_date": "2022-10-29",
  "field_recall_number": "040-2022",
  "field_recall_reason": "Product Contamination",
  "field_recall_type": "Recall",
  "field_related_to_outbreak": "False",
  "field_summary": "\u003Cp\u003E\u003Cstrong\u003EWASHINGTON, Oct. 29,
2022\u003C\/strong\u003E \u2013 Foster Farms, a Farmville, La. establishment,
is recalling approximately 148,000 pounds of fully cooked frozen chicken breast
patty products that may be contaminated with extraneous materials, specifically
hard clear .....",
  "field_year": "2022",
  "langcode": "English",
  "field_has_spanish": "False"
},
{
  "field_title": "Family Traditions Meat Company Retira Productos De
Palitos De Carne De Res Listos Para Consumir Debido A Un Error De Rotulaci\u00f3n
Y Al\u00e9rgenos No Declarados",
  "field_active_notice": "False",
  "field_states": "Illinois, Iowa, Kansas, Minnesota, Missouri, South
Dakota, Wisconsin",
  "field_archive_recall": "True",
  "field_closed_date": "2021-03-10",
  "field_closed_year": "2021",
  "field_company_media_contact": "\n Company Media
Contact\n \n Company Media Contact\n Jolene Heikens\n (641) 847-
8116\n \n\n",
  "field_distro_list": "Distro: Family Traditions Meat Company Retira
Productos De Palitos De Carne De Res Listos Para Consumir Debido A Un Error De
Rotulacin Y Alrgenos No Declarados",
  "field_en_press_release": "",
  "field_establishment": "Family Traditions Meat Company, Inc.",
  "field_labels": "recall-006-2020-labels",
  "field_media_contact": "Maria Machuca",
  "field_risk_level": "High - Class I",
  "field_last_modified_date": "",
  "field_press_release": "",
  "field_processing": "Heat Treated - Shelf Stable",
  "field_product_items": "",
  "field_qty_recovered": "",
  "field_recall_classification": "Class I",

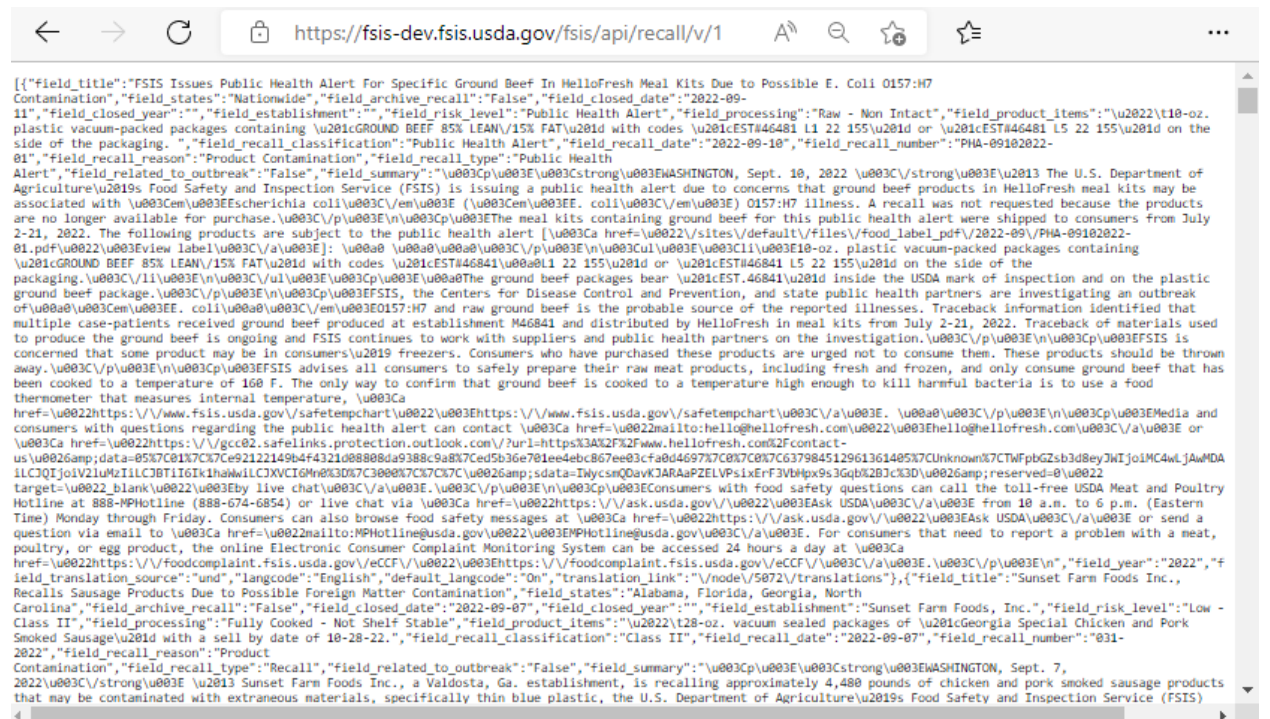
```

```

"field_recall_date": "2020-02-08",
"field_recall_number": "006-2020",
"field_recall_reason": "Misbranding, Unreported Allergens",
"field_recall_type": "Recall",
"field_related_to_outbreak": "False",
"field_summary": "\u003Cp
dir=\u00221tr\u0022\u003E\u003Cstrong\u003EWASHINGTON, 8\u0026nbsp;de febrero de
2020\u003C\/strong\u003E\u0026nbsp;- Family Traditions Meat Company, una
compa\u000f1\u000eda en Ackley, Iowa, est\u000e1 retirando .....",
"field_year": "2020",
"langcode": "Spanish",
"field_has_spanish": "True"
}
]

```

The JSON object in IE browser, without formatting for human reading:



Filters and Search:

After the filter is applied, the resulting URL is:

https://www.fsis.usda.gov/fsis/api/recall/v/1?field_states_id=All&field_archive_recall=All&field_closed_date_value=&field_closed_year_id=All&field_risk_level_id=All&field_processing_id=All&field_product_items_value=meat&field_recall_classification_id=All&field_recall_number=&field_recall_reason_id=All&field_recall_type_id=All&field_related_to_outbreak=All&field_summary_value=&field_year_id=All&field_translation_language=All

“field_recall_number” for searching text included in “Recall Number” - 021-2022 and
 “field_summary_value” for searching text included in “Summary” – any text in the recall release body.

Name	Parameters	Types	Value format
Archive recall	field_archive_recall	Selection	
Closed date	field_closed_date_value	Text	YYYY-MM-DD(ex: 2023-07-18)
Closed year	field_closed_year_id	Selection	
Processing Category	field_processing_id	Selection	
Product Items	field_product_items_value	Text	include the text but Not exact match
Recall classification	field_recall_classification_id	Selection	
Recall number	field_recall_number	Text	DDD-YYYY(Ex: 021-2023)
Recall reason	field_recall_reason_id	Selection	
Recall type	field_recall_type_id	Selection	
Related to Outbreak	field_related_to_outbreak	Selection	
Health risk level	field_risk_level_id	Selection	
Affected states	field_states_id	Selection	
Summary	field_summary_value	Text	include the text but Not exact match
Translation language	field_translation_language	Selection	
Issue Year	field_year_id	Selection	

All filters not being used also produce parameters in the URL. Like: **field_archive_recall=All**.

However, they can be ignored. The URL for the API can be built with the parameters with identifiers: **field_states_id=33** and **field_closed_year_id=446**.

The request to the API would be:

`/fsis/api/recall/v/1?field_states_id=33&field_closed_year_id=446`

The complete URL would be:

https://www.fsis.usda.gov/fsis/api/recall/v/1?field_states_id=33&field_closed_year_id=446

Appendix A - List of all sortable Identifiers and values to use (Values are defined in Drupal Taxonomy)

Affected States	
field_states_id	
Name	value
Default	All
Alabama	25
Alaska	26
American Samoa	77
Arizona	27
Arkansas	28
California	29
Colorado	30
Connecticut	31
Delaware	32
District of Columbia	76

Florida	33
Georgia	34
Guam	78
Hawaii	35
Idaho	36
Illinois	37
Indiana	38
Iowa	39
Kansas	40
Kentucky	41
Louisiana	42
Maine	43
Maryland	44
Massachusetts	45
Michigan	46
Minnesota	47
Mississippi	48
Missouri	50
Montana	51
Nationwide	557
Nebraska	52
Nevada	53
New Hampshire	54
New Jersey	55
New Mexico	56
New York	57
North Carolina	58
North Dakota	59
Northern Mariana Islands	79

Ohio	60
Oklahoma	61
Oregon	62
Pennsylvania	63
Puerto Rico	80
Rhode Island	64
South Carolina	65
South Dakota	66
Tennessee	67
Texas	68
United States Minor Outlying Islands	81
Utah	69
Vermont	70
Virgin Islands, U.S.	82
Virginia	71
Washington	72
West Virginia	73
Wisconsin	74
Wyoming	75

Archive Recall	
field_archive_recall	
Name	value
Default	All
TRUE	1
FALSE	0
Closed Year	
field_closed_year_id	
Name	ID

Default	All
1970	470
1980	469
1990	468
1991	467
1992	466
1993	465
1994	464
1995	462
1996	463
1997	231
1998	230
1999	229
2000	228
2001	227
2002	226
2003	225
2004	224
2005	223
2006	222
2007	221
2008	220
2009	219
2010	218
2011	217
2012	216
2013	215
2014	177
2015	6

2016	5
2017	4
2018	3
2019	2
2020	1
2021	446
2022	444
2023	445
2024	606

Health risk level	
field_risk_level_id	
Name	value
Default	All
High - Class I	9
Low - Class II	7
Marginal - Class III	611
Medium - Class I	8
Public Health Alert	555

Processing Category	
field_processing_id	
Name	value
Default	All
Eggs/Egg Products	162
Fully Cooked - Not Shelf Stable	159
Heat Treated - Not Fully Cooked - Not Shelf Stable	160
Heat Treated - Shelf Stable	158
Not Heat Treated - Shelf Stable	157
Products with Secondary Inhibitors - Not Shelf Stable	161

Raw - Intact	154
Raw - Non Intact	155
Slaughter	153
Thermally Processed - Commercially Sterile	156
Unknown	625

Recall classification	
field_recall_classification_id	
Name	value
Default	All
Class I	10
Class II	11
Class III	12
Public Health Alert	554

Recall reason	
field_recall_reason_id	
Name	value
Default	All
Import Violation	19
Insanitary Conditions	17
Misbranding	13
Mislabeled	15
Processing Defect	21
Produced Without Benefit of Inspection	18
Product Contamination	16
Unfit for Human Consumption	20
Unreported Allergens	14

Recall type
field_recall_type_id

Name	value
Default	All
Outbreak	338
Public Health Alert	22
Active Recall	23
Closed Recall	24

Related to Outbreak	
field_related_to_outbreak	
Name	value
Default	All
TRUE	1
FALSE	0

Recall Issue Year	
field_year_id	
Name	value
Default	All
1970	470
1980	469
1990	468
1991	467
1992	466
1993	465
1994	464
1995	462
1996	463
1997	231
1998	230
1999	229

2000	228
2001	227
2002	226
2003	225
2004	224
2005	223
2006	222
2007	221
2008	220
2009	219
2010	218
2011	217
2012	216
2013	215
2014	177
2015	6
2016	5
2017	4
2018	3
2019	2
2020	1
2021	446
2022	444
2023	445
2024	606

Translation language	
field_translation_language	
Name	value
Default	All

English	en
Spanish	es