Section	Field Name	Type	Description
Enfocement report	recalling_firm	string	The firm that initiates a recall or, in the case of an FDA requested recall or FDA mandated recall, the firm that has primary responsibility for the manufacture and (or) marketing of the product to be recalled. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=recalling_firm:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=recalling_firm.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=recalling_firm Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=recalling_firm.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Enfocement report	classification	string	Numerical designation (I, II, or III) that is assigned by FDA to a particular product recall that indicates the relative degree of health hazard. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=classification:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=classification.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=classification Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=classification.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms. Value is one of the following Class I = Dangerous or defective products that predictably could cause serious health problems or death. Examples include: food found to contain botulinum toxin, food with undeclared allergens, a label mix-up on a lifesaving drug, or a defective artificial heart valve. Class II = Products that might cause a temporary health problem, or pose only a slight threat of a serious nature. Example: a drug that is under-strength but that is not used to treat life-threatening situations. Class III = Products that are unlikely to cause any adverse health reaction, but that violate FDA labeling or manufacturing laws. Examples include: a minor container defect and lack of English labeling in a retail food.

Enfocement report	status	string	This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=status:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=status.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=status Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=status.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms. Value is one of the following On-Going = A recall which is currently in progress. Completed = The recall action reaches the point at which the firm has actually retrieved and impounded all outstanding product that could reasonably be expected to be recovered, or has completed all product corrections. Terminated = FDA has determined that all reasonable efforts have been made to remove or correct the violative product in accordance with the recall strategy, and proper disposition has been made according to the degree of hazard. Pending = Actions that have been determined to be recalls, but that remain in the process of being classified.
Enfocement report	distribution_pattern	string	General area of initial distribution such as, "Distributors in 6 states: NY, VA, TX, GA, FL and MA; the Virgin Islands; Canada and Japan". The term "nationwide" is defined to mean the fifty states or a significant portion. Note that subsequent distribution by the consignees to other parties may not be included.
Enfocement report	product_description	string	Brief description of the product being recalled.
Enfocement report	code_info	string	A list of all lot and/or serial numbers, product numbers, packer or manufacturer numbers, sell or use by dates, etc., which appear on the product or its labeling.
Enfocement report	reason_for_recall	string	Information describing how the product is defective and violates the FD&C Act or related statutes.
Enfocement report	product_quantity	string	The amount of defective product subject to recall.
Enfocement report	voluntary_mandated	string	Describes who initiated the recall. Recalls are almost always voluntary, meaning initiated by a firm. A recall is deemed voluntary when the firm voluntarily removes or corrects marketed products or the FDA requests the marketed products be removed or corrected. A recall is mandated when the firm was ordered by the FDA to remove or correct the marketed products, under section 518(e) of the FD&C Act, National Childhood Vaccine Injury Act of 1986, 21 CFR 1271.440, Infant Formula Act of 1980 and its 1986 amendments, or the Food Safety Modernization Act (FSMA). This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=voluntary_mandated:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=voluntary_mandated.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=voluntary_mandated Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=voluntary_mandated.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Enfocement report	report_date	string	Date that the FDA issued the enforcement report for the product recall.
Enfocement report	recall_initiation_date	string	Date that the firm first began notifying the public or their consignees of the recall.

Enfocement report	initial_firm_notification	string	The method(s) by which the firm initially notified the public or their consignees of a recall. A consignee is a person or firm named in a bill of lading to whom or to whose order the product has or will be delivered. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=initial_firm_notification:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=initial_firm_notification.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=initial_firm_notification Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=initial_firm_notification.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Enfocement report	recall_number	string	A numerical designation assigned by FDA to a specific recall event used for tracking purposes. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=recall_number:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=recall_number.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=recall_number Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=recall_number.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Enfocement report	event_id	string	A numerical designation assigned by FDA to a specific recall event used for tracking purposes.
Enfocement report	product_type	string	This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=product_type:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=product_type.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=product_type Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=product_type.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.

Geographic data	city	string	The city in which the recalling firm is located. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=city:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=city.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=city Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=city.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Geographic data	state	string	The U.S. state in which the recalling firm is located. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=state:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=state.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=state Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=state.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
Geographic data	country	string	The country in which the recalling firm is located. This is an .exact field. It has been indexed both as its exact string content, and also tokenized. search=country:"FOO+BAR" Searches for records where either FOO or BAR appear anywhere in this field. search=country.exact:"FOO+BAR" Searches for records where exactly and only FOO BAR appears in this field. count=country Counts the tokenized values of this field. Instances of FOO and BAR are counted separately. count=country.exact Counts the exact values of this field. FOO BAR, BAR FOO, FOO, and BAR would all be counted separately, along with other combinations that contain these terms.
openFDA	See the OpenFDA fields section on the API Reference page (https://open.fda.gov/api/reference/) for list of openFDA fields.		Different datasets use different drug identifiers—brand name, generic name, NDA, NDC, etc. It can be difficult to find the same drug in different datasets. And some identifiers, like pharmacologic class, are useful search filters but not available in all datasets. OpenFDA features harmonization of drug identifiers to make it easier to search enforcement report records by more identifiers, like product type (OTC versus prescription). Drug products that appear in enforcement reports are harmonized on NDC or UPC, if available. The linked data is listed as an openfda annotation in the patient.drug section of a result. Roughly half of enforcement reports have an openfda section. Because the harmonization process requires an exact match, some drug products cannot be harmonized in this fashion—for instance, if there is no NDC or UPC in the original enforcement report, there will be no openfda section.