Section	Field Name	Type	Description
	cfres_id	string	cFRes internal recall identifier
	event_date_initiated	date	Date that the firm first began notifying the public or their consignees of the recall.
	event_date_created	date	Date on which the recall record was created in the FDA database.
	event_date_posted	date	Indicates the date FDA classified the recall, but it does not necessarily mean that the recall is new.
	event_date_terminated	date	Date that FDA determined recall actions were completed and terminated the recall. For details about termination of a recall see here (http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfresearch.cfm?fr=7.55)
	recall_status	string	Current status of the recall. A record in the database is created when a firm initiates a correction or removal action. The record is updated if the FDA identifies a violation and classifies the action as a recall, and it is updated for a final time when the recall is terminated.
	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 field may also include the firm's full address (normally in case of international addresses)
	firm_fei_number	string	Facility identifier assigned to facility by the FDA Office of Regulatory Affairs.
	address_1	string	Street address (Line 1) of the Recalling Firm, if available.
	address_2	string	Street address (Line 2) of the Recalling Firm, if available.
	city	string	City of the Recalling Firm, if available.
	state	string	US state of the Recalling Firm, if available.
	postal_code	string	ZIP or postal code of the Recalling Firm, if available.
	country	string	Country of the Recalling Firm, if available.
	additional_info_contact	string	Contact information of the party that can be used to request additional information about the recall.
	reason_for_recall	string	Information describing how the product is defective and violates the FD&C Act or related statutes.
	product_code	string	A three-letter identifier assigned to a device category. Assignment is based upon the medical device classification designated under 21 CFR Parts 862-892, and the technology and intended use of the device. Occasionally these codes are changed over time.
	res_event_number	string	A five digit, numerical designation assigned by FDA to a specific recall event used for tracking purposes.
	root_cause_description	string	FDA determined general type of recall cause. Per FDA policy, recall cause determinations are subject to modification up to the point of termination of the recall. This is an .exact field. It has been indexed both as its exact string content, and also tokenized.
	k_numbers	array of strings	FDA-assigned premarket notification number, including leading letters. Leading letters "BK" indicates 510(k) clearance, or Premarket Notification, cleared by Center for Biologics Evaluation and Research. Leading letters "DEN" indicates De Novo, or Evaluation of Automatic Class III Designation. Leading letter "K" indicates 510(k) clearance, or Premarket Notification. Source: 510(k)
	pma_numbers	array of strings	FDA-assigned premarket application number, including leading letters. Leading letter "D" indicates Product Development Protocol type of Premarket Approval. Leading letters "BP" indicates Premarket Approval by Center for Biologics Evaluation and Research. Leading letter "H" indicates Humanitarian Device Exemption approval. Leading letter "N" indicates New Drug Application. Early PMAs were approved as NDAs. Leading letter "P" indicates Premarket Approval. This is an .exact field. It has been indexed both as its exact string content, and also tokenized.
	product_description	string	Brief description of the product being recalled.
	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.
	product_quantity	string	The amount of defective product subject to recall.
	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.
	action	string	Action taken as part of the recall.
	other_submission_description	string	If 510(k) or PMA numbers are not applicable to the device recalled, the recall may contain other regulatory descriptions, such as exempt.
OpenFDA fields	device_class	string	A risk based classification system for all medical devices ((Federal Food, Drug, and Cosmetic Act, section 513) Value is one of the following 1 = Class I (low to moderate risk): general controls 2 = Class II (moderate to high risk): general controls and special controls 3 = Class III (high risk): general controls and Premarket Approval (PMA) U = Unclassified N = Not classified F = HDE
OpenFDA fields	device name	string	This is the proprietary name, or trade name, of the cleared device. This is an .exact field. It has been indexed both as its exact string content, and also tokenized.
OpenFDA fields	fei_number	array of strings	Facility identifier assigned to facility by the FDA Office of Regulatory Affairs.
OpenFDA fields	medical_specialty_description	string	Regulation Medical Specialty is assigned based on the regulation (e.g. 21 CFR Part 888 is Orthopedic Devices) which is why Class 3 devices lack the "Regulation Medical Specialty" field. This is an .exact field. It has been indexed both as its exact string content, and also tokenized.
OpenFDA fields	registration_number	array of strings	
OpenFDA fields	regulation_number	array of strings	The classification regulation in the Code of Federal Regulations (CFR) under which the device is identified, described, and formally classified (Code of Federal regulations Title 21, 862.00 through 892.00). The classification regulation covers various aspects of design, clinical evaluation, manufacturing, packaging, labeling, and postmarket surveillance of the specific medical device.