Data Elements for RePORTER Project API

Contents

Introduction

Project API data dictionary provides an overall listing and definition of all data fields. This document allows you to view the characteristics of the data fields that can be passed and retrieved using the API. Each data element will have business Name, business Definition, Type of data, PayloadCriteriaName, APIResponseName, APIIncludeFieldName, and ExPORTERColumn.

- *PayloadCriteriaName* is the name of a specific data element sent to the server as an input criterion, one or more values can be passed as payload criteria to the API.
- *APIResponseName* is the name of a specific data element received in an API response with one or more valid values
- *APIIncludeFieldName* is the name of data element that users can specify when sending the API request. Upon a successful API call, the API returns only the specified "APIIncludeFieldName". One or more "APIIncludeFieldName"'s can be included when sending the request.
- *ExPORTERColumn* This column is not included in the API. To support the retirement of ExPORTER weekly project files, the corresponding column from csv file is indicated as "ExPORTERColumn" in the data dictionary.

Illustration of Sample API Request and Response
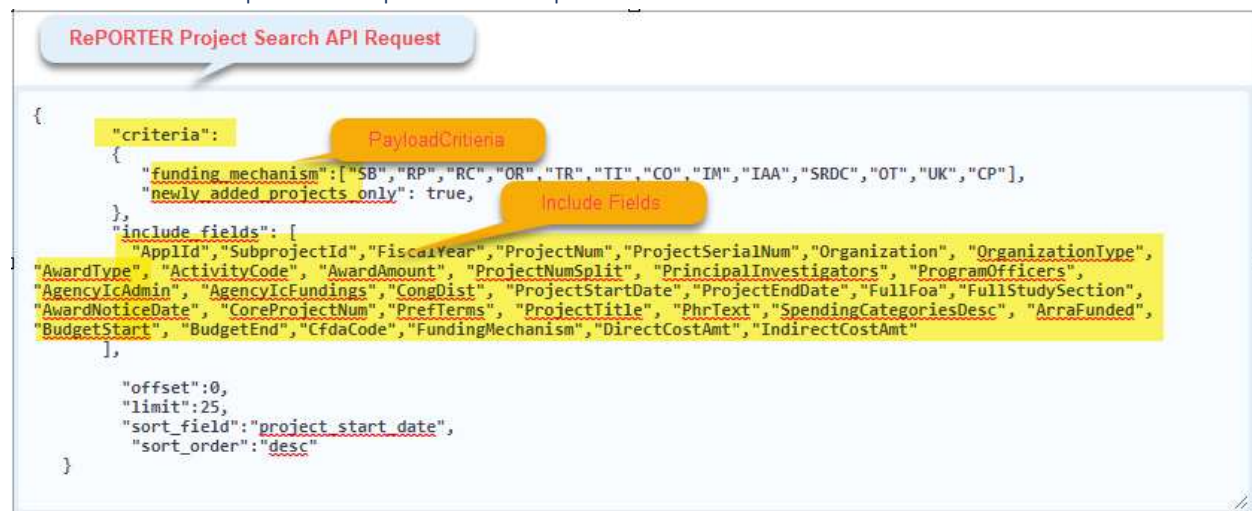
RePORTER Project Search API Response

```json
{
  "meta": {
    "search_id": null,
    "total": 1969,
    "offset": 0,
    "limit": 25,
    "sort_field": "project_start_date",
    "sort_order": "desc",
    "sorted_by_relevance": false,
    "properties": {}
  },
  "results": [
    {
      "appl_id": 10466688,
      "subproject_id": "9553",
      "fiscal_year": 2021,
      "project_num": "1R03HS027680-01A1",
      "project_serial_num": "HS027680".
      "organization": {
        "org_name": "MEDICAL UNIVERSITY OF SOUTH CAROLINA",
        "city": null,
        "country": null,
        "org_city": "CHARLESTON",
```

Organization in API response is an object, which has more than one attributes

Data Elements for Project API

Application ID

Name:	Application ID
Definition:	A unique identifier of the project record in the RePORTER database.
Type:	Integer
PayloadCriteriaName:	appl_ids
APIResponseName:	appl_id
APIIncludeFieldName:	ApplId
ExPORTERColumn:	APPLICATION_ID

Activity

Name:	Activity
Definition:	A 3-character code identifying the grant, contract, or intramural activity through which a project is supported. Within each funding mechanism, NIH uses 3-character activity codes (e.g., F32, K08, P01, R01, T32, etc.) to differentiate the wide variety of research-related programs NIH supports. A comprehensive list of activity codes for grants and cooperative agreements may be found on the Types of Grant Programs Web page. RePORTER also includes R&D contracts (activity codes beginning with the letter N) and intramural projects (beginning with the letter Z).
Type:	String
PayloadCriteriaName:	activity_codes
APIResponseName	activity_code
IncludeFieldsName:	ActivityCode
ExPORTERColumn:	ACTIVITY

Administering IC

Name:	Administering IC
Definition:	Administering Institute or Center, includes A two-character code to designate the agency, NIH Institute, or Center administering the grant, IC name and abbreviation for IC name
Type:	Object
PayloadCriteriaName:	is_agency_admin

APIResponseName:	agency_ic_admin
IncludeFieldsName:	AgencyIcAdmin
ExPORTERColumn:	ADMINISTERING_IC

IC code

Name:	IC Code
Definition:	A two-character code to designate the agency, NIH Institute, or Center administering the grant.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	code
IncludeFieldsName:	AgencyIcAdmin
ExPORTERColumn:	ADMINISTERING_IC

IC Name Abbreviation

Name:	IC Name Abbreviation
Definition:	Name abbreviation for NIH Institute, or Center.
Type:	Object attribute
PayloadCriteriaName:	agencies
APIResponseName:	abbreviation
IncludeFieldsName:	AgencyIcAdmin
ExPORTERColumn:	ADMINISTERING_IC

IC Name

Name:	IC Name
Definition:	Full name of the administering agency, Institute, or Center.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	name
IncludeFieldsName:	AgencyIcAdmin
ExPORTERColumn:	IC_NAME

Application Type

Name: Application Type

Definition: A single-digit code identifying the type of application received and processed. Application type codes include the following:

1 = New application

2 = Competing continuation (also, competing renewal)

3 = Application for additional (supplemental) support. There are two kinds of Type 3 competing revisions (which are peer-reviewed and administrative supplements)

4 = Competing extension for an R37 award or first non-competing year of a Fast-Track SBIR/STTR award

5 = Non-competing continuation

7 = Change of grantee institution

9 = Change of NIH awarding Institute or Division (on a competing continuation)

Type: Integer

PayloadCriteriaName: award_types

APIResponseName: award_type

IncludeFieldsName: AwardType

ExPORTERColumn: APPLICATION_TYPE

ARRA Indicator

Name: ARRA Indicator

Definition: "Y" indicates a project supported by funds appropriated through the American Recovery and Reinvestment Act of 2009.

Type: String

PayloadCriteriaName: NA

APIResponseName: arra_funded

IncludeFieldsName: ArraFunded

ExPORTERColumn: ARRA_FUNDED

Award Notice Date

Name:	Award Notice Date
Definition:	The Notice of Grant Award issue date.
Type:	Date
PayloadCriteriaName:	award_notice_date

(e.g. { "criteria": { "award": { "***award_notice_date***": "2019-06-19", "award_notice_opr": "", "award_amount_range": { "min_amount": 0, "max_amount": 50000000 } } } })

APIResponseName:	award_notice_date
IncludeFieldsName:	AwardNoticeDate
ExPORTERColumn:	AWARD_NOTICE_DATE

Budget Start Date

Name:	Budget Start Date
Definition:	The date when a project's funding for a particular fiscal year begins.
Type:	Date
PayloadCriteriaName:	NA
APIResponseName:	budget_start
IncludeFieldsName:	BudgetStart
ExPORTERColumn:	BUDGET_START

Budget End Date

Name:	Budget End Date
Definition:	The date when a project's funding for a particular fiscal year ends.
Type:	Date
PayloadCriteriaName:	NA
APIResponseName:	budget_end
IncludeFieldsName:	BudgetEnd
ExPORTERColumn:	BUDGET_END

CFDA Code

Name:	CFDA Code

Definition: Federal programs are assigned a number in the Catalog of Federal Domestic Assistance (CFDA), which is referred to as the "CFDA code." The CFDA database helps the Federal government track all programs it has domestically funded.

Type: Integer

PayloadCriteriaName: NA

APIResponseName: cfda_code

IncludeFieldsName: CfdaCode

ExPORTERColumn: CFDA_CODE

Core Project Number

Name: Core Project Number

Definition: An identifier for each research project, used to associate the project with publication and patent records. This identifier is not specific to any particular year of the project. It consists of the project activity code, administering IC, and serial number (a concatenation of Activity, Administering_IC, and Serial_Number).

Type: String

PayloadCriteriaName: project_nums

APIResponseName: core_project_num

IncludeFieldsName: CoreProjectNum

ExPORTERColumn: CORE_PROJECT_NUM

Organization Type

Name: Organization Type

Definition: Generic name for the grouping of components across an institution who has applied for or receives NIH funding. The official name as used by NIH is Major Component Combining Name.

Type: Object

PayloadCriteriaName: organization_type

APIResponseName: organization_type

IncludeFieldsName: OrganizationType

ExPORTERColumn: ED_INST_TYPE

Generic Name for Institution Type

Name: Generic Name for Institution Type

Definition: Generic name for the grouping of components across an institution that has applied for or receives NIH funding. The official name as used by NIH is Major Component Combining Name.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: name

IncludeFieldsName: OrganizationType

ExPORTERColumn: ED_INST_TYPE

Generic Name for Institution Type Code

Name: Generic Name for Institution Type Code

Definition: Code for generic name for the grouping of components across an institution that has applied for or receives NIH funding.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: code

IncludeFieldsName: OrganizationType

ExPORTERColumn: ED_INST_TYPE

Other Generic Institution Type

Name: Other Generic Institution Type

Definition: Indicates whether the type for grouping of components across an institution is other type

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: is_other

IncludeFieldsName: OrganizationType

ExPORTERColumn: ED_INST_TYPE

Funding Opportunity Announcement

Name: Funding Opportunity Announcement

Definition: The number of the funding opportunity announcement, if any, under which the project application was solicited. Funding opportunity announcements may be categorized as program announcements, requests for applications, notices of funding availability, solicitations, or other names depending on the agency and type of program. Funding opportunity announcements can be found at Grants.gov/FIND and in the NIH Guide to Grants and Contracts.

Type: String

PayloadCriteriaName: foa

APIResponseName: full_foa

IncludeFieldsName: FullFoa

ExPORTERColumn: FOA_NUMBER

Full Project Number

Name: Full Project Number

Definition: Commonly referred to as a grant number, intramural project, or contract number. For grants, this unique identification number is composed of the type code, activity code, Institute/Center code, serial number, support year, and (optional) a suffix code to designate amended applications and supplements.

Type: String

PayloadCriteriaName: project_nums

APIResponseName: project_num

IncludeFieldsName: ProjectNum

ExPORTERColumn: FULL_PROJECT_NUM

Funding ICs

Name: Funding ICs

Definition: The NIH Institute or Center(s) providing funding for a project are designated by their acronyms (see Institute/Center acronyms). Project funding information is available only for NIH, CDC, FDA, and ACF projects

Type: Object

PayloadCriteriaName: is_agency_funding

APIResponseName: agency_ic_fundings

IncludeFieldsName: AgencyIcFundings

ExPORTERColumn: FUNDING_ICs

Fiscal Year

Name:	Fiscal Year
Definition:	Fiscal year for the federal government during which an

award is made.

Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	fy
IncludeFieldsName:	AgencyIcFundings
ExPORTERColumn:	FUNDING_ICs

IC Code

Name:	IC Code
Definition:	A two-character code to designate the agency, NIH

Institute, or Center administering the grant.

Type:	Object attribute
PayloadCriteriaName:	agencies
APIResponseName:	code
IncludeFieldsName:	AgencyIcFundings
ExPORTERColumn:	FUNDING_ICs

IC Name

Name:	IC Name
Definition:	Full Name for NIH Institute, or Center.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	name
IncludeFieldsName:	AgencyIcFundings
ExPORTERColumn:	FUNDING_ICs

IC Name Abbreviation

Name:	IC Name Abbreviation

Definition:	Name abbreviation for NIH Institute or Center.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	abbreviation
IncludeFieldsName:	AgencyIcFundings
ExPORTERColumn:	FUNDING_ICs

IC Funding

Name:	IC Funding
Definition:	The amount of funding provided for the fiscal year by the IC. Project funding information is available only for NIH, CDC, FDA, and ACF projects.
Type:	Object attribute
PayloadCriteriaName:	agencies
APIResponseName:	total_cost
IncludeFieldsName:	AgencyIcFundings
ExPORTERColumn:	FUNDING_ICs

Funding Mechanism

Name:	Funding Mechanism
Definition:	The major mechanism categories used in NIH Budget mechanism tables for the President's budget. Extramural research awards are divided into three main funding mechanisms: grants, cooperative agreements, and contracts. A funding mechanism is the type of funded application or transaction used at the NIH. Within each funding mechanism NIH includes programs. Programs can be further refined by specific activity codes.

RP = Non-SBIR/STTR Research Projects

SB = SBIR/STTR Research Projects

RC = Research Centers

OR = Other Research-Related

TR = Training, Individual,

TI = Training, Institutional,

CO = Construction Grants

NSRDC = Non-SBIR/STTR Contracts

SRDC = SBIR/STTR Contracts,

IAA = Interagency Agreements

IM = Intramural Research

OT = Other

UK = Unknown

CP = Cancer Control

Type:	String
PayloadCriteriaName:	NA
APIResponseName:	funding_mechanism
IncludeFieldsName:	FundingMechanism
ExPORTERColumn:	FUNDING_MECHANISM

Funding Mechanism Code

Name: Funding Mechanism Code

Definition: The major mechanism categories used in NIH Budget mechanism tables for the President's budget. Extramural research awards are divided into three main funding mechanisms: grants, cooperative agreements, and contracts. A funding mechanism is the type of funded application or transaction used at the NIH. Within each funding mechanism NIH includes programs. Programs can be further refined by specific activity codes.

RP = Non-SBIR/STTR Research Projects

SB = SBIR/STTR Research Projects

RC = Research Centers

OR = Other Research-Related

TR = Training, Individual,

TI = Training, Institutional,

CO = Construction Grants

NSRDC = Non-SBIR/STTR Contracts

SRDC = SBIR/STTR Contracts,

IAA = Interagency Agreements

IM = Intramural Research

OT = Other

UK = Unknown

CP = Cancer Control

Type: String

PayloadCriteriaName: funding_mechanism

APIResponseName: mechanism_code_dc

IncludeFieldsName: MechanismCodeDc

ExPORTERColumn: NA

Fiscal Year

Name: Fiscal Year

Definition: The fiscal year appropriation from which project funds were obligated.

Type: Integer

PayloadCriteriaName: fiscal_years

APIResponseName: fiscal_year

IncludeFieldsName: FiscalYear

ExPORTERColumn: FY

NIH Spending Categories

Name: NIH Spending Categories

Definition: Congressionally mandated reporting categories into which NIH projects are categorized. Available for fiscal years 2008 and later. Each project's spending category designations for each fiscal year are made available the following year as part of the next President's Budget request. See the Research, Condition, and Disease Categorization System for more information on the categorization process. A complete list of numeric identifiers for Spending Categories for FY2020 can be found in APPENDIX I - List of Spending Category Numeric Identifiers Available in FY2020

Type: List

PayloadCriteriaName: spending_categories

APIResponseName: spending_categories_desc

IncludeFieldsName: SpendingCategoriesDesc

ExPORTERColumn: NIH_SPENDING_CATS

NIH Spending Categories Code

Name: NIH Spending Categories Code

Definition: Code of spending categories

Type: List

PayloadCriteriaName: NA

APIResponseName: spending_categories

IncludeFieldsName: SpendingCategories

ExPORTERColumn: NA

Organization

Name: Organization

Definition: Educational institution, research organization, business, or government agency receiving funding for the grant, contract, cooperative agreement, or intramural project.

Type: Object

PayloadCriteriaName: NA

APIResponseName: organization

IncludeFieldsName: Organization

ExPORTERColumn: NA

Organization City

Name: Organization City

Definition: The city in which the business office of the grantee organization or contractor is located. Note that this may be different from the research performance site. For all NIH intramural projects, Bethesda, MD is used.

Type: Object attribute

PayloadCriteriaName: org_cities

APIResponseName: org_city

IncludeFieldsName: Organization

ExPORTERColumn: ORG_CITY

Organization Country

Name: Organization County

Definition: The country in which the business office of the grantee organization or contractor is located. Note that this may be different from the research performance site.

Type: Object attribute

PayloadCriteriaName: org_countries

APIResponseName: org_country

IncludeFieldsName: Organization

ExPORTERColumn: ORG_COUNTRY

Department

Name: Department

Definition: The departmental affiliation of the contact principal investigator for a project, using a standardized categorization of departments. Names are available only for medical school departments.

Type: Object attribute

PayloadCriteriaName: dept_types

APIResponseName: dept_type

IncludeFieldsName: Organization

ExPORTERColumn: ORG_DEPT

DUNS

Name: DUNS

Definition: The Data Universal Numbering System is a unique nine-digit number assigned by Dun and Bradstreet Information Services, recognized as the universal standard for identifying and keeping track of business worldwide.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: org_duns

IncludeFieldsName: Organization

ExPORTERColumn: ORG_DUNS

FIPS

Name: FIPS

Definition: The country code of the grantee organization or contractor as defined in the Federal Information Processing Standard.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: org_fips

IncludeFieldsName: Organization

ExPORTERColumn: ORG_FIPS

Institution Profile (IPF) Number

Name: Institution Profile (IPF) Number

Definition: The Institution Profile (IPF) number is an internal NIH identifier that uniquely identifies and associates institutional information within NIH electronic systems. The NIH assigns an IPF number after the institution submits its request for registration.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: org_ipf_code

IncludeFieldsName: Organization

ExPORTERColumn: ORG_IPF_CODE

Organization Name

Name: Organization Name

Definition: The name of the educational institution, research organization, business, or government agency receiving funding for the grant, contract, cooperative agreement, or intramural project.

Type: Object attribute

PayloadCriteriaName: org_names, org_names_exact_match

APIResponseName: org_name

IncludeFieldsName: Organization

ExPORTERColumn: ORG_NAME

Organization State

Name: Organization State

Definition: The state in which the business office of the grantee organization or contractor is located. Note that this may be different from the research performance site.

Type: Object attribute

PayloadCriteriaName: org_states

APIResponseName: org_state

IncludeFieldsName: Organization

ExPORTERColumn: ORG_STATE

Organization ZIP Code

Name: Organization ZIP Code

Definition: The zip code in which the business office of the grantee organization or contractor is located. Note that this may be different from the research performance site.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: org_zipcode

IncludeFieldsName: Organization

ExPORTERColumn: ORG_ZIPCODE

External Organization ID

Name: External Organization ID

Definition: A code that uniquely identifies the organization.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: external_org_id

IncludeFieldsName: Organization

ExPORTERColumn: NA

Congressional District

Name: Congressional District

Definition: The congressional district in which the business office of the grantee organization or contractor is located. Note that this may be different from the research performance site.

Type: String

PayloadCriteriaName: cong_dists

APIResponseName: cong_dist

IncludeFieldsName: CongDist

ExPORTERColumn: ORG_DISTRICT

Public Health Relevance

Name: Public Health Relevance

Definition: Submitted as part of a grant application, this statement articulates a project's potential to improve public health.

Type: String

PayloadCriteriaName: NA

APIResponseName: phr_text

IncludeFieldsName: PhrText

ExPORTERColumn: PHR

Principal Investigator

Name: Principal Investigator

Definition: Principal Investigator(s) designated by the organization to direct the research project.

Type: Object

PayloadCriteriaName: pi_names, multi_pi_only

APIResponseName: principal_investigators

IncludeFieldsName: PrincipalInvestigators

ExPORTERColumn: NA

Principal Investigators IDs

Name: Principal Investigators IDs

Definition: A unique identifier for each of the project Principal Investigators. Each PI in the RePORTER database has a unique identifier that is constant

from project to project and year to year, but changes may be observed for investigators that have had multiple accounts in the past, particularly for those associated with contracts or sub-projects..

Type:	Object attribute
PayloadCriteriaName:	pi_profile_ids
APIResponseName:	profile_id
IncludeFieldsName:	PrincipalInvestigators
ExPORTERColumn:	PI_IDS

Principal Investigators Full Name

Name:	Principal Investigators Full Name
Definition:	The name(s) of the Principal Investigator(s) designated by the organization to direct the research project.
Type:	Object attribute
PayloadCriteriaName:	pi_names,
APIResponseName:	full_name
IncludeFieldsName:	PrincipalInvestigators
ExPORTERColumn:	PI_NAMEs

First Name of Principal Investigator

Name:	First Name of Principal Investigator
Definition:	The first name of the Principal Investigator(s) designated by the organization to direct the research project.
Type:	Object attribute
PayloadCriteriaName:	first_name (e.g. {"criteria": {"pi_names": [{"any_name": ""}, {"***first_name***": "John"}] } })
APIResponseName:	first_name
IncludeFieldsName:	PrincipalInvestigators
ExPORTERColumn:	NA

Middle Name of Principal Investigator

Name:	Middle Name of Principal Investigator

Definition: The middle name of the Principal Investigator(s) designated by the organization to direct the research project.

Type: Object attribute

PayloadCriteriaName: any_name

(e.g. {"criteria": {"pi_names": [{"any_name": ""}, {"**middle_name**": "William"}] } })

APIResponseName: middle_name

IncludeFieldsName: PrincipalInvestigators

ExPORTERColumn: NA

Last Name of Principal Investigator

Name: Last Name of Principal Investigator

Definition: The last name of the Principal Investigator(s) designated by the organization to direct the research project.

Type: Object attribute

PayloadCriteriaName: last_name

(e.g. {"criteria": {"pi_names": [{"any_name": ""}, {"**last_name**": "Welch"}] } }

APIResponseName: last_name

IncludeFieldsName: PrincipalInvestigators

ExPORTERColumn: NA

Principal Investigator of Contact

Name: Principal Investigator of Contact

Definition: Indicates whether the PI is the contact person

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: is_contact_pi

IncludeFieldsName: PrincipalInvestigators

ExPORTERColumn: NA

Title of Principal Investigator

Name:	Title of Principal Investigator
Definition:	Title of the Principal Investigator
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	title
IncludeFieldsName:	PrincipalInvestigators
ExPORTERColumn:	NA

Program Officer

Name:	Program Officer
Definition:	An Institute staff member who coordinates the substantive aspects of a project from planning the request for proposal to oversight of awards.
Type:	Object
PayloadCriteriaName:	po_names
APIResponseName:	program_officers
IncludeFieldsName:	ProgramOfficers
ExPORTERColumn:	NA

Program Officer Name

Name:	Program Officer Name
Definition:	Full name of Program Officer
Type:	Object attribute
PayloadCriteriaName:	po_names
APIResponseName:	full_name
IncludeFieldsName:	ProgramOfficers
ExPORTERColumn:	PROGRAM_OFFICER_NAME

Program Officer First Name

Name:	Program Officer First Name

Definition:	First Name of Program Officer
Type:	Object attribute
PayloadCriteriaName:	first_name
	(e. g. {"criteria": {"po_names": [{"any_name": ""}, {*"first_name":* "John"}] } }
APIResponseName:	first_name
IncludeFieldsName:	ProgramOfficers
ExPORTERColumn:	NA

Program Officer Middle Name

Name:	Program Officer Middle Name
Definition:	Middle Name of Program Officer
Type:	Object attribute
PayloadCriteriaName:	middle_name
	(e. g. {"criteria": {"po_names": [{"any_name": ""}, {*"middle_name*": "William"}] } })
APIResponseName:	middle_name
IncludeFieldsName:	ProgramOfficers
ExPORTERColumn:	NA

Program Officer Last Name

Name:	Program Officer Last Name
Definition:	Last Name of Program Officer
Type:	Object attribute
PayloadCriteriaName:	last_name
	(e. g. {"criteria": {"po_names": [{"any_name": ""}, {*"last_name*": "Smith"}] } })
APIResponseName:	last_name
IncludeFieldsName:	ProgramOfficers
ExPORTERColumn:	NA

Project Start Date

Name: Project Start Date

Definition: The start date of a project. For subprojects of a multi-project grant, this is the start date of the parent award.

Type: Date

PayloadCriteriaName: project_start_date

APIResponseName: project_start_date

IncludeFieldsName: ProjectStartDate

ExPORTERColumn: PROJECT_START

Project End Date

Name: Project End Date

Definition: The current end date of the project, including any future years for which commitments have been made. For subprojects of a multi-project grant, this is the end date of the parent award. Upon competitive renewal of a grant, the project end date is extended by the length of the renewal award.

Type: Date

PayloadCriteriaName: project_end_date

APIResponseName: project_end_date

IncludeFieldsName: ProjectEndDate

ExPORTERColumn: PROJECT_END

Project Terms

Name: Project Terms

Definition: Prior to fiscal year 2008, these were thesaurus terms assigned by NIH CRISP indexers. For projects funded in fiscal year 2008 and later, these are concepts that are mined from the project's title, abstract, and specific aims using an automated text mining tool.

Type: String

PayloadCriteriaName: terms

(e. g. { "criteria": { advanced_text_search: { operator: "and", search_field: "projecttitle,abstracttext,*terms*", "search_text": "brain disorder" } } })

APIResponseName: pref_terms

IncludeFieldsName: PrefTerms

ExPORTERColumn: PROJECT_TERMS

Project Title

Name: Project Title

Definition: Prior to fiscal year 2008, these were thesaurus terms assigned by NIH CRISP indexers. For projects funded in fiscal year 2008 and later, these are concepts that are mined from the project's title, abstract, and specific aims using an automated text mining tool.

Type: String

PayloadCriteriaName: projecttitle

  (e. g. {"criteria": { advanced_text_search: { operator: "and", search_field: "***projecttitle,***abstracttext,terms", "search_text": "brain disorder" } } })

APIResponseName: project_title

IncludeFieldsName: ProjectTitle

ExPORTERColumn: PROJECT_TITLE

Project Serial Number

Name: Project Serial Number

Definition: A six-digit number assigned in serial number order within each administering organization.

Type: String

PayloadCriteriaName: serial_num

APIResponseName: project_serial_num

IncludeFieldsName: ProjectSerialNum

ExPORTERColumn: NA

Study Section

Name: Study Section

Definition: A designator of the legislatively mandated panel of subject matter experts who reviewed the research grant application for scientific and technical merit.

Type: Object

PayloadCriteriaName: NA

APIResponseName: full_study_section

IncludeFieldsName: FullStudySection

ExPORTERColumn: NA

Scientific Review Group (SRG)

Name: Scientific Review Group (SRG)

Definition: A peer review committee group of primarily non-government experts (peer reviewers), qualified by training or experience in particular scientific or technical fields, or as authorities knowledgeable in the various disciplines and fields related to the applications under review, to evaluate and give expert advice on the scientific and technical merit of the applications.

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: srg_code

IncludeFieldsName: FullStudySection

ExPORTERColumn: STUDY_SECTION

Study Section Name

Name: Study Section Name

Definition: The full name of a regular standing Study Section that reviewed the research grant application for scientific and technical merit. Applications reviewed by panels other than regular standing study sections are designated by "Special Emphasis Panel."

Type: Object attribute

PayloadCriteriaName: NA

APIResponseName: name

IncludeFieldsName: FullStudySection

ExPORTERColumn: STUDY_SECTION_NAME

Scientific Review Group Flex Code

Name: Scientific Review Group Flex Code

Definition: Flex Code of the Scientific Review Group

Type: Object attribute

PayloadCriteriaName:	NA
APIResponseName:	srg_flex
IncludeFieldsName:	FullStudySection
ExPORTERColumn:	NA

Scientific Review Administrator Designator Code

Name:	Scientific Review Administrator Designator Code
Definition:	A code identifying SRA (Scientific Review Administrator) running the meeting under SEP.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	sra_designator_code
IncludeFieldsName:	FullStudySection
ExPORTERColumn:	NA

Scientific Review Administrator Flex Code

Name:	Scientific Review Administrator Flex Code
Definition:	IRG Flex code of the meeting.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	sra_flex_code
IncludeFieldsName:	FullStudySection
ExPORTERColumn:	NA

Study Section Group

Name:	Study Section Group
Definition:	A group of Study Sections grouped by the same IRG within Institute.
Type:	Object attribute
PayloadCriteriaName:	NA
APIResponseName:	group
IncludeFieldsName:	FullStudySection

ExPORTERColumn: NA

Sub Project ID

Name: Sub Project ID

Definition: A unique numeric designation assigned to subprojects of a "parent" multi-project research grant.

Type: Integer

PayloadCriteriaName: exclude_subprojects, sub_project_only

APIResponseName: subproject_id

IncludeFieldsName: SubprojectId

ExPORTERColumn: SUBPROJECT_ID

Project Number Components Split

Name: Project Number Components Split

Definition: For grants, this unique identification number is composed of the type code, activity code, Institute/Center code, serial number, support year, and/or suffix code

Type: Object

PayloadCriteriaName: project_num_split

APIResponseName: project_num_split

IncludeFieldsName: ProjectNumSplit

ExPORTERColumn: NA

Suffix

Name: Suffix

Definition: A suffix to the grant application number that includes the letter "A" and a serial number to identify an amended version of an original application and/or the letter "S" and serial number indicating a supplement to the project.

Type: Object attribute

PayloadCriteriaName: suffix_code

(e.g. { "criteria": { project_num_split: { appl_type_code: "1", activity_code: "F32", ic_code: "HL", serial_num: "149210", support_year: "01", full_support_year: "01A1", *suffix_code:* "A1" } } })

APIResponseName:	suffix_code
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	SUFFIX

Support Year

Name:	Support Year
Definition:	The year of support for a project, as shown in the full project number. For example, a project with number 5R01GM0123456-04 is in its fourth year of support.
Type:	Object attribute
PayloadCriteriaName:	support_year
	(e.g. { "criteria": { project_num_split: { appl_type_code: "1", activity_code: "F32", ic_code: "HL", serial_num: "149210", ***support_year:*** "01", full_support_year: "01A1", suffix_code: "A1" } } })
APIResponseName:	support_year
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	SUPPORT_YEAR

Full Support Year

Name:	Full Support Year
Definition:	The year of support for a project with resubmission or revision amendments.
Type:	Object attribute
PayloadCriteriaName:	full_support_year
	(e.g. { "criteria": { project_num_split: { appl_type_code: "1", activity_code: "F32", ic_code: "HL", serial_num: "149210", support_year: "01", ***full_support_year:*** "01A1", suffix_code: "A1" } } })
APIResponseName:	full_support_year
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	SUPPORT_YEAR

Application Type

Name:	Application Type
Definition:	A single-digit code identifying the type of application received and processed. Application type codes include the following:

1 = New application

2 = Competing continuation (also, competing renewal)

3 = Application for additional (supplemental) support. There are two kinds of type 3 competing revisions (which are peer-reviewed and administrative supplements)

4 = Competing extension for an R37 award or first non-competing year of a Fast-Track SBIR/STTR award

5 = Non-competing continuation

7 = Change of grantee institution

9 = Change of NIH awarding Institute or Division (on a competing continuation)

Type:	Object attribute
PayloadCriteriaName:	award_types
APIResponseName:	appl_type_code
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	APPLICATION_TYPE

Activity Code

Name:	Activity Code

Definition: A 3-character code identifying the grant, contract, or intramural activity through which a project is supported. Within each funding mechanism, NIH uses 3-character activity codes (e.g., F32, K08, P01, R01, T32, etc.) to differentiate the wide variety of research-related programs NIH supports. A comprehensive list of activity codes for grants and cooperative agreements may be found on the Types of Grant Programs Web page. RePORTER also includes R&D contracts (activity codes beginning with the letter N) and intramural projects (beginning with the letter Z).

Type:	Object attribute
PayloadCriteriaName:	activity_codes, activity_code

(e.g. {"criteria": { project_num_split: { appl_type_code: "1", ***activity_code:*** "F32", ic_code: "HL", serial_num: "149210", support_year: "01", full_support_year: "01A1", suffix_code: "A1" } } }

e.g. {"criteria": { activity_codes:["P20","R35"] } }

)

APIResponseName:	activity_code
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	ACTIVITY

IC Code

Name:	IC Code
Definition:	Administering Institute or Center - A two-character code to designate the agency, NIH Institute, or Center administering the grant.
Type:	Object attribute
PayloadCriteriaName:	ic_code

(e.g. { "criteria": { project_num_split: { appl_type_code: "1", activity_code***:*** "F32", ***ic_code:*** "HL", serial_num: "149210", support_year: "01", full_support_year: "01A1", suffix_code: "A1" } } })

APIResponseName:	ic_code
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	ADMINISTERING_IC

Serial Number

Name:	NA Serial Number
Definition:	A serial number assigned by the Center for Scientific Review.
Type:	Object attribute
PayloadCriteriaName:	serial_num

(e.g. { "criteria": { project_num_split: { appl_type_code: "1", activity_code***:*** "F32", ic_code: "HL", ***serial_num:*** "149210", support_year: "01", full_support_year: "01A1", suffix_code: "A1" } } })

APIResponseName:	serial_num
IncludeFieldsName:	ProjectNumSplit
ExPORTERColumn:	SERIAL_NUMBER

Total of Direct Cost Funding

Name: Total of Direct Cost Funding

Definition: Total direct cost funding for a project from all NIH Institute and Centers for a given fiscal year. Costs are available only for NIH awards funded in FY 2012 onward. Direct cost amounts are not available for SBIR/STTR awards.

Type: Number

PayloadCriteriaName: NA

APIResponseName: direct_cost_amt

IncludeFieldsName: DirectCostAmt

ExPORTERColumn: DIRECT_COST_AMT

Total of Indirect Cost Funding

Name: Total of Indirect Cost Funding

Definition: Total indirect cost funding for a project from all NIH Institute and Centers for a given fiscal year. Costs are available only for NIH awards funded in FY 2012 and onward. Indirect cost amounts are not available for SBIR/STTR awards.

Type: Number

PayloadCriteriaName: NA

APIResponseName: indirect_cost_amt

IncludeFieldsName: IndirectCostAmt

ExPORTERColumn: INDIRECT_COST_AMT

Total Project Funding

Name: Total Project Funding

Definition: Total project funding from all NIH Institute and Centers for a given fiscal year. Costs are available only for:

- NIH, CDC, FDA, and ACF grant awards (only the parent record of multi-project grants).

- NIH intramural projects (activity codes beginning with "Z") in FY 2007 and later fiscal years.

- NIH contracts (activity codes beginning with "N").

For multi-project grants, Total_Cost includes funding for all the constituent subprojects. This data element will have total cost of each subproject if the project is a subproject.

Type:	Number
PayloadCriteriaName:	award_amount_range
	(e.g. { "criteria": { "award": { "award_notice_date": "2019-06-19", "award_notice_opr": "", *"award_amount_range"*: { "min_amount": 0, "max_amount": 50000000 } } } })
APIResponseName:	award_amount
IncludeFieldsName:	AwardAmount
ExPORTERColumn:	TOTAL_COST, TOTAL_COST_SUB_PROJECT

Active Project Indicator

Name:	Active project Indicator
Definition:	Indicates whether a project is active
Type:	Boolean
PayloadCriteriaName:	include_active_projects
APIResponseName:	is_active
IncludeFieldsName:	IsActive
ExPORTERColumn:	NA

Newly Added Project Indicator

Name:	Newly Added Project Indicator
Definition:	Indicates whether a project is newly added to the system
Type:	Boolean
PayloadCriteriaName:	newly_added_projects_only
APIResponseName:	is_new
IncludeFieldsName:	IsNew
ExPORTERColumn:	NA

Name of PI Contact

Name:	Name of PI Contact
Definition:	When multiple PD/PIs are designated, NIH requires that the applicant organization identify one of the PD/PIs as the Contact PD/PI to serve as a primary point of contact. Serving as Contact PD/PI confers no special authorities or responsibilities within the project team.
Type:	String
PayloadCriteriaName:	pi_names
APIResponseName:	contact_pi_name
IncludeFieldsName:	ContactPiName
ExPORTERColumn:	NA

NIH COVID-19 Response

Name:	NIH COVID-19 Response
Definition:	NIH COVID-19 Response: These special selectors will return projects awarded to study COVID-19 and related topics, as funded under:

RegCV - NIH regular appropriations funding

CV - Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020

C3 - CARES Act (Coronavirus Aid, Relief, and Economic Security Act)

C4 - Paycheck Protection Program and Health Care Enhancement Act

C5 - Coronavirus Response and Relief Supplemental Appropriations Act, 2021

C6 - American Rescue Plan Act of 2021

Type:	List
PayloadCriteriaName:	covid_response
APIResponseName:	covid_response
IncludeFieldsName:	CovidResponse
ExPORTERColumn:	NA

RCDC Terms

Name:	RCDC Thesaurus Terms
Definition: sources:	The RCDC thesaurus combines terms and concepts from several

- National Library of Medicine's MeSH (Medical Subject Headings) thesaurus
- CRISP thesaurus
- The National Cancer Institute's thesaurus
- Metathesaurus
- Jablonsky's dictionary
- Other specific types of concepts from NIH Institutes and Centers
- Additional words or phrases added by NIH scientific experts to ensure capture of specific areas

Type:	String
PayloadCriteriaName:	NA
APIResponseName:	terms
IncludeFieldsName:	Terms
ExPORTERColumn:	NA

Abstract

Name:	Abstract
Definition:	Project Abstract
Type:	String
PayloadCriteriaName:	abstracttext
	(e. g. { "criteria": { advanced_text_search: { operator: "and", search_field: "projecttitle,**abstracttext,**terms", "search_text": "brain disorder" } } })
APIResponseName:	abstract_text
IncludeFieldsName:	AbstractText
ExPORTERColumn:	NA

Agency Code

Name:	Agency Code

Definition: Code for Agency that is responsible for the administering of a research grant, project, or contract.

Type: String

PayloadCriteriaName: agencies

APIResponseName: agency_code

IncludeFieldsName: AgencyCode

ExPORTERColumn: NA

Project Details Page URL

Name: Project Details Page URL

Definition: URL for project details on RePORTER.

Type: String

PayloadCriteriaName: NA

APIResponseName: project_detail_url

IncludeFieldsName: ProjectDetailUrl

ExPORTERColumn: NA

APPENDIX I - List of Spending Category Numeric Identifiers Available in FY2020

Spending Category ID	Spending Category Name
2597	Acquired Cognitive Impairment
24	Acute Respiratory Distress Syndrome
27	Adolescent Sexual Activity
30	Agent Orange & Dioxin
31	Aging
36	Alcoholism, Alcohol Use and Health
39	Allergic Rhinitis (Hay Fever)
19	ALS
40	Alzheimer's Disease
3246	Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD)
3254	Alzheimer's Disease Related Dementias (ADRD)
44	American Indian or Alaska Native
47	Anorexia
48	Anthrax
50	Antimicrobial Resistance
2610	Anxiety Disorders
51	Aphasia
54	Arctic
55	Arthritis
58	Assistive Technology
59	Asthma
64	Ataxia Telangiectasia
65	Atherosclerosis
66	Attention Deficit Disorder (ADD)
67	Autism
69	Autoimmune Disease
3454	Back Pain
81	Basic Behavioral and Social Science
84	Batten Disease
89	Behavioral and Social Science
92	Biodefense
101	Bioengineering
229	Biomedical Imaging
108	Biotechnology
2595	Bipolar Disorder
117	Brain Cancer
118	Brain Disorders
120	Breast Cancer

Spending Category ID	Spending Category Name
3932	Breastfeeding, Lactation and Breast Milk
123	Burden of Illness
3461	Cachexia
132	Cancer
1393	Cancer Genomics
2609	Cannabidiol Research
2601	Cannabinoid Research
140	Cardiovascular
3491	Caregiving Research
144	Cerebral Palsy
3466	Cerebrovascular
146	Cervical Cancer
157	Charcot-Marie-Tooth Disease
162	Child Abuse and Neglect Research
163	Childhood Leukemia
4268	Childhood Obesity
170	Chronic Fatigue Syndrome (ME/CFS)
171	Chronic Liver Disease and Cirrhosis
172	Chronic Obstructive Pulmonary Disease
616	Chronic Pain
175	Climate Change
296	Climate-Related Exposures and Conditions
176	Clinical Research
180	Clinical Trials and Supportive Activities
183	Colo-Rectal Cancer
187	Comparative Effectiveness Research
191	Complementary and Integrative Health
196	Conditions Affecting the Embryonic and Fetal Periods
3533	Congenital Heart Disease
2037	Congenital Muscular Dystrophy
2382	Congenital Structural Anomalies
197	Contraception/Reproduction
200	Cooley's Anemia
4835	Coronaviruses
201	Cost Effectiveness Research
204	Crohn's Disease
206	Cystic Fibrosis
4531	Data Science
2067	Dementia
216	Dental/Oral and Craniofacial Disease
219	Depression

Spending Category ID	Spending Category Name
224	Diabetes
3527	Dietary Supplements
231	Diethylstilbestrol (DES)
232	Digestive Diseases
233	Digestive Diseases - (Gallbladder)
234	Digestive Diseases - (Peptic Ulcer)
238	Down Syndrome
240	Drug Abuse (NIDA only)
241	Duchenne/ Becker Muscular Dystrophy
242	Dystonia
243	Eating Disorders
2600	Eczema / Atopic Dermatitis
4721	Electronic Nicotine Delivery Systems
2375	Emergency Care
246	Emerging Infectious Diseases
248	Emphysema
3460	Endocannabinoid System Research
3529	Endocrine Disruptors
250	Endometriosis
255	Epilepsy
4714	Esophageal Cancer
257	Estrogen
259	Eye Disease and Disorders of Vision
262	Facioscapulohumeral Muscular Dystrophy
263	Fetal Alcohol Syndrome
264	Fibroid Tumors (Uterine)
265	Fibromyalgia
4465	Firearms Research
1389	Food Allergies
267	Foodborne Illness
268	Fragile X Syndrome
269	Frontotemporal Dementia (FTD)
272	Gene Therapy
273	Gene Therapy Clinical Trials
275	Genetic Testing
276	Genetics
292	Headaches
3641	Health Disparities
3180	Health Effects of Household Energy Combustion
2376	Health Effects of Indoor Air Pollution
298	Health Services

Spending Category ID	Spending Category Name
4511	Hearing Loss
299	Heart Disease
300	Heart Disease - Coronary Heart Disease
306	Hematology
307	Hepatitis
308	Hepatitis - A
309	Hepatitis - B
310	Hepatitis - C
284	HIV/AIDS
312	Hodgkin's Disease
313	Homelessness
314	Homicide and Legal Interventions
289	HPV and/or Cervical Cancer Vaccines
318	Human Fetal Tissue
320	Human Genome
325	Huntington's Disease
1791	Hydrocephalus
326	Hyperbaric Oxygen
327	Hypertension
331	Immunization
3999	Immunotherapy
3085	Infant Mortality
338	Infectious Diseases
341	Infertility
342	Inflammatory Bowel Disease
343	Influenza
373	Injury - Childhood Injuries
374	Injury - Trauma - (Head and Spine)
375	Injury - Traumatic brain injury
376	Injury - Unintentional Childhood Injury
453	Intellectual and Developmental Disabilities (IDD)
380	Interstitial Cystitis
385	Kidney Disease
395	Lead Poisoning
2438	Lewy Body Dementia
399	Liver Cancer
400	Liver Disease
408	Lung
409	Lung Cancer
410	Lupus
411	Lyme Disease

Spending Category ID	Spending Category Name
413	Lymphoma
4372	Machine Learning and Artificial Intelligence
436	Macular Degeneration
2613	Major Depressive Disorder
437	Malaria
438	Malaria Vaccine
3810	Maternal Health
4764	Maternal Morbidity and Mortality
443	Mental Health
3445	Mental Illness
458	Methamphetamine
4243	Microbiome
465	Migraines
467	Mind and Body
3584	Minority Health
473	Mucopolysaccharidoses (MPS)
474	Multiple Sclerosis
475	Muscular Dystrophy
479	Myasthenia Gravis
480	Myotonic Dystrophy
496	Nanotechnology
3453	Neck Pain
687	Neonatal Respiratory Distress
329	Networking and Information Technology R&D (NITRD)
1375	Neuroblastoma
520	Neurodegenerative
521	Neurofibromatosis
525	Neurosciences
536	Nutrition
551	Obesity
4076	Opioid Misuse and Addiction
3951	Opioids
555	Organ Transplantation
556	Orphan Drug
2599	Osteoarthritis
559	Osteogenesis Imperfecta
560	Osteoporosis
563	Otitis Media
564	Ovarian Cancer
615	Paget's Disease
618	Pain Research

Spending Category ID	Spending Category Name
1391	Pancreatic Cancer
624	Parkinson's Disease
1254	Patient Safety
679	Pediatric
680	Pediatric AIDS
2310	Pediatric Cancer
3520	Pediatric Cardiomyopathy
685	Pelvic Inflammatory Disease
689	Perinatal Period - Conditions Originating in Perinatal Period
524	Peripheral Neuropathy
3395	Physical Activity
372	Physical Injury - Accidents and Adverse Effects
2346	Physical Rehabilitation
691	Pick's Disease
692	Pneumonia
693	Pneumonia & Influenza
696	Polycystic Kidney Disease
1991	Post-Traumatic Stress Disorder (PTSD)
4711	Postural Orthostatic Tachycardia Syndrome
3070	Precision Medicine
3920	Pregnancy
700	Prescription Drug Abuse
686	Preterm, Low Birth Weight and Health of the Newborn
701	Prevention
703	Prostate Cancer
704	Psoriasis
1859	Radiation Oncology
729	Rare Diseases
731	Regenerative Medicine
732	Rehabilitation
737	Rett Syndrome
2611	Rheumatoid Arthritis
770	Rural Health
3475	Sarcopenia
777	Schizophrenia
779	Scleroderma
780	Screening And Brief Intervention For Substance Abuse
781	Sepsis
2343	Serious Mental Illness
2503	Sexual and Gender Minorities (SGM/LGBT*)
784	Sexually Transmitted Infections

Spending Category ID	Spending Category Name
785	Sickle Cell Disease
788	Sleep Research
789	Small Pox
4793	Social Determinants of Health
792	Spina Bifida
793	Spinal Cord Injury
794	Spinal Muscular Atrophy
796	Stem Cell Research
797	Stem Cell Research - Embryonic - Human
798	Stem Cell Research - Embryonic - Non-Human
799	Stem Cell Research - Induced Pluripotent Stem Cell
800	Stem Cell Research - Induced Pluripotent Stem Cell - Human
801	Stem Cell Research - Induced Pluripotent Stem Cell - Non-Human
802	Stem Cell Research - Nonembryonic - Human
803	Stem Cell Research - Nonembryonic - Non-Human
804	Stem Cell Research - Umbilical Cord Blood/ Placenta
805	Stem Cell Research - Umbilical Cord Blood/ Placenta - Human
808	Stem Cell Research - Umbilical Cord Blood/ Placenta - Non-Human
4758	Stomach Cancer
811	Stroke
817	Substance Abuse
819	Substance Abuse Prevention
822	Sudden Infant Death Syndrome
823	Suicide
824	Suicide Prevention
830	Teenage Pregnancy
831	Temporomandibular Muscle/Joint Disorder (TMJD)
2607	Therapeutic Cannabinoid Research
852	Tobacco
791	Tobacco Smoke and Health
853	Topical Microbicides
854	Tourette Syndrome
861	Transmissible Spongiform Encephalopathy (TSE)
862	Transplantation
864	Tuberculosis
865	Tuberculosis Vaccine
866	Tuberous Sclerosis
867	Underage Drinking
871	Urologic Diseases
2334	Usher Syndrome
873	Uterine Cancer

Spending Category ID	Spending Category Name
877	Vaccine Related
878	Vaccine Related (AIDS)
1873	Vaginal Cancer
2339	Valley Fever
2412	Vascular Cognitive Impairment/Dementia
881	Vector-Borne Diseases
883	Violence Against Women
884	Violence Research
889	Vulvodynia
891	West Nile Virus
3724	Women's Health
4924	Wound Healing and Care
897	Youth Violence
898	Youth Violence Prevention