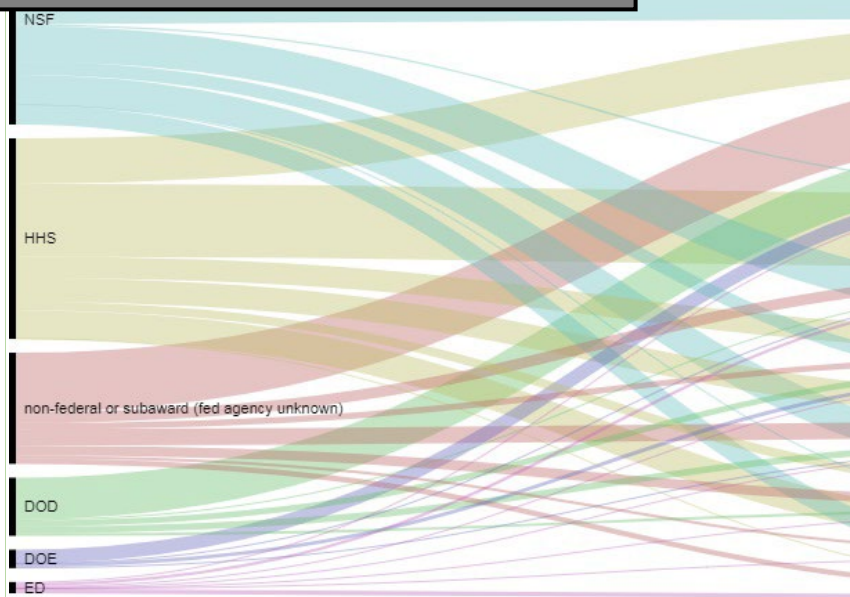


Data Dictionary for IRIS UMETRICS 2019 Data Release



Data Dictionary for 2019 IRIS UMETRICS Data Release

Data fields are alphabetically ordered.

| core_award | | | | | |
|-----------------------------------|---------------------------|------------------|-------------------|-------------------|--|
| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
| Award Title | award_title | varchar | 500 | 496 | Title of award |
| Campus ID | campus_id | varchar | 10 | 8 | IRIS-generated identifier assigned to each campus for de-identification purposes. Each ID is a combination of institution_id and a serial number helpful to identify the campus to which a given award is made and by which the award is being administered |
| CFDA | cfda | varchar | 10 | 6 | A five-digit CFDA (Catalog of Federal Domestic Assistance) number retrieved from the unique_award_number that universities submit. This number is assigned to awards to represent the source of funding. If the first two digits are between 10 and 98, awards are federally funded. If the first two digits range between 00 and 09, or 99, sources of awards are most likely non-federal |
| Federal Award Number Standardized | fed_awd_num_std | varchar | 100 | 50 | Unique identifier specifying a federal award; this is the same as the unique_award_number but with the CFDA number and white spaces removed. Null if CFDA is missing or the CFDA number indicates a non-federal award, i.e., a CFDA starting with two digit numbers between 00 and 09, or 99 |
| Funding Source Name Clean | funding_source_name_clean | varchar | 200 | 98 | Cleaned name of funding source assigned to each project; if university is a recipient of a prime award, the funding source name is the direct sponsor; if university is a subrecipient of an award, this is the name of the pass-through entity (exceptions noted in documentation) |

| | | | | | |
|---------------------------|---------------------------|---------|-----|-----|--|
| Funding Source Name Raw | funding_source_name_raw | varchar | 200 | 104 | Raw name of funding source assigned to each project; if university is a recipient of a prime award, the direct sponsor is the name of funding source; if university is a subrecipient of an award, this is the name of the pass-through entity (exceptions are noted in documentation) |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Overhead Charged | overhead_charged | numeric | 9 | 9 | Actual overhead dollars charged to the award in the specified period |
| Period End Date | period_end_date | date | 3 | 3 | End of period in which a monthly expense transaction took place; each period end day is the last day of a month: e.g., 3/30/2008 or 12/31/2014 |
| Period Start Date | period_start_date | date | 3 | 3 | Beginning of period in which a monthly expense transaction took place; each period start day is the first day of a month: e.g., 4/1/2009 or 10/1/2015 |
| Recipient Account Number | recipient_account_number | varchar | 50 | 18 | A university's internal account number to uniquely identify each project; typically an accounting code used to allocate funds received from an award |
| Sub-organization Unit | sub_org_unit | varchar | 20 | 12 | IRIS-generated identifier assigned to sub-organization units to which each funded project is assigned, such as a particular college within a given IRIS member university. (This is not at the level of individual departments.) Each ID is a combination of campus_id described above and a serial number assigned to each sub-organization unit within each campus. This ID helps to identify the college or unit to which a given award is made and by which the award is being administered at a lower-level |
| Total Direct Expenditures | total_direct_expenditures | numeric | 9 | 9 | Total direct expenditures charged to the award in the specified period |

| | | | | | |
|---------------------|---------------------|---------|-----|----|--|
| Unique Award Number | unique_award_number | varchar | 100 | 88 | <p>University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples)</p> |
|---------------------|---------------------|---------|-----|----|--|

core_employee

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-----------------------------------|--------------------|-----------|------------|------------|--|
| CFDA | cfda | varchar | 10 | 6 | A five-digit CFDA (Catalog of Federal Domestic Assistance) number retrieved from the unique_award_number that universities submit. This number is assigned to awards to represent the source of funding. If the first two digits are between 10 and 98, awards are federally funded. If the first two digits range between 00 and 09, or 99, sources of awards are most likely non-federal |
| Employee Number | emp_number | varchar | 100 | 32 | IRIS-generated unique identifier assigned to all personnel being paid by awards |
| Federal Award Number Standardized | fed_awd_num_std | varchar | 100 | 86 | Unique identifier specifying a federal award; this is the same as the unique_award_number but with the CFDA number and white spaces removed. Null if CFDA is missing or the CFDA number indicates a non-federal award, i.e., a CFDA starting with two digit numbers between 00 and 09, or 99 |
| FTE Status | fte_status | numeric | 9 | 5 | Designation of the status of the funded personnel (e.g., full time = 1.0, half time = .5); FTE is a university specific, not an award specific field; the value ranges between 0 and 1 |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Job Title | job_title | varchar | 200 | 123 | Job or occupation title assigned to the funded personnel by IRIS member universities |
| Object Code | object_code | varchar | 50 | 39 | Internal object code or other expense type category assigned to a transaction to identify payment purposes or resources |
| Occupational Class | occupational_class | varchar | 50 | 50 | Job classification provided by IRIS member universities |
| Period End Date | period_end_date | date | 3 | 3 | End of period in which a monthly expense transaction took place; each period end day is the last day of a month: e.g., 3/30/2008 or 12/31/2014 |

| | | | | | |
|-----------------------------|-------------------------------|---------|-----|----|---|
| Period Start Date | period_start_date | date | 3 | 3 | Beginning of period in which a monthly expense transaction took place; each period start day is the first day of a month: e.g., 4/1/2009 or 10/1/2015 |
| Proportion of Earnings | proportion_earnings_allocated | numeric | 9 | 9 | Calculated portion of earnings charged by funded personnel to the award in the specified period. This is not actual salary or dollar amounts, the value ranges between 0 and 1 depending on how much of the salary is derived from an award |
| Recipient Account Number | recipient_account_number | varchar | 50 | 15 | A university's internal account number to uniquely identify each project; typically an accounting code used to allocate funds received from an award |
| SOC Code | soc_code | varchar | 50 | 30 | Standard Occupational Classification codes that are required for federal agency reporting (http://www.bls.gov/soc/); each occupation in the SOC is placed within one of 23 major groups |
| UMETRICS Occupational Class | umetrics_occupational_class | varchar | 50 | 22 | Job classification generated by IRIS; jobs are categorized into 6 major aggregate groups (Faculty, Staff, Post Graduate Research, Graduate Student, Undergraduate, and Other). The Staff group is further classified into 6 categories (Clinical, Research, Research Facilitation, Technical Support, Instructional, Other Staff) |
| Unique Award Number | unique_award_number | varchar | 100 | 50 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |

core_vendor

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-----------------------------------|--------------------------|-----------|------------|------------|--|
| CFDA | cfda | varchar | 10 | 6 | A five-digit CFDA (Catalog of Federal Domestic Assistance) number retrieved from the unique_award_number that universities submit. This number is assigned to awards to represent the source of funding. If the first two digits are between 10 and 98, awards are federally funded. If the first two digits range between 00 and 09, or 99, sources of awards are most likely non-federal |
| Federal Award Number Standardized | fed_awd_num_std | varchar | 100 | 86 | Unique identifier specifying a federal award; this is the same as the unique_award_number but with the CFDA number and white spaces removed. Null if CFDA is missing or the CFDA number indicates a non-federal award, i.e., a CFDA starting with two digit numbers between 00 and 09, or 99 |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Object Code | object_code | varchar | 50 | 39 | Internal object code or other expense type category assigned to a transaction to identify payment purposes or resources |
| Period End Date | period_end_date | date | 3 | 3 | End of period in which a monthly expense transaction took place; each period end day is the last day of a month: e.g., 3/30/2008 or 12/31/2014 |
| Period Start Date | period_start_date | date | 3 | 3 | Beginning of period in which a monthly expense transaction took place; each period start day is the first day of a month: e.g., 4/1/2009 or 10/1/2015 |
| Person Organization Flag | person_org_flag | varchar | 1 | 1 | A binary code ('P' for person or 'O' for organization) to differentiate type of vendors. This dichotomous category was utilized to mask vendors' personally identifiable information |
| Recipient Account Number | recipient_account_number | varchar | 50 | 15 | A university's internal account number to uniquely identify each project; typically an accounting code used to allocate funds received from an award |

| | | | | | |
|-------------------------|-------------------------|---------|-----|-----|---|
| Unique Award Number | unique_award_number | varchar | 100 | 50 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |
| Vendor Address | vendor_address | varchar | 200 | 129 | Address of the vendor. IRIS has replaced vendor address with the string of 'masked' if vendor addresses are provided by universities (thus not null) and vendors are individuals |
| Vendor City | vendor_city | varchar | 50 | 37 | City of the vendor associated with the vendor address |
| Vendor Country | vendor_country | varchar | 50 | 16 | Country of the vendor associated with the vendor address |
| Vendor Domestic Zipcode | vendor_domestic_zipcode | varchar | 50 | 15 | US ZIP code of vendor associated with the vendor address |
| Vendor DUNS | vendor_duns | varchar | 50 | 12 | A vendor's nine-digit (DUNS) number to identify business entities on a location-specific basis—the Data Universal Numbering System or D-U-N-S Number is copyrighted and provided by Dun & Bradstreet (D&B). If a DUNS was provided (i.e., not null) by universities for vendors that are individuals, IRIS has replaced DUNS with the string 'masked' |
| Vendor EIN | vendor_ein | varchar | 50 | 30 | A vendor's nine-digit Employer Identification Number (EIN). If an EIN was provided (i.e., not null) by universities for vendors that are individuals, IRIS has replaced EIN with the string 'masked' |
| Vendor Foreign Zip Code | vendor_foreign_zipcode | varchar | 50 | 17 | Foreign ZIP/postal code of vendor associated with the vendor address |
| Vendor ID | vendor_id | varchar | 200 | 32 | IRIS-generated unique identifier assigned to the vendor (an organization or individual) that provides goods or services paid by an IRIS member university's award. IRIS cleans vendor name records from the data submitted by universities and generates this identifier based on the cleaned names |

| | | | | | |
|-----------------------|--------------------|---------|-----|-----|--|
| Vendor Name Clean | vendor_name_clean | varchar | 200 | 170 | Cleaned name of the vendor. IRIS has replaced vendor names with the string of 'masked' if names are provided by universities (thus not null) and vendors are individuals |
| Vendor Name Raw | vendor_name_raw | varchar | 200 | 142 | Raw name of the vendor. IRIS has replaced vendor names with the string of 'masked' if names are provided by universities (thus not null) and vendors are individuals |
| Vendor Payment Amount | vendor_payment_amt | numeric | 9 | 9 | Funds charged to the award by the vendor in the specified period |
| Vendor State | vendor_state | varchar | 50 | 23 | State of the vendor associated with the vendor address |

core_subaward

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-----------------------------------|--------------------------|-----------|------------|------------|--|
| CFDA | cfda | varchar | 10 | 6 | A five-digit CFDA (Catalog of Federal Domestic Assistance) number retrieved from the unique_award_number that universities submit. This number is assigned to awards to represent the source of funding. If the first two digits are between 10 and 98, awards are federally funded. If the first two digits range between 00 and 09, or 99, sources of awards are most likely non-federal |
| Federal Award Number Standardized | fed_awd_num_std | varchar | 100 | 98 | Unique identifier specifying a federal award; this is the same as the unique_award_number but with the CFDA number and white spaces removed. Null if CFDA is missing or the CFDA number indicates a non-federal award, i.e., a CFDA starting with two digit numbers between 00 and 09, or 99 |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Object Code | object_code | varchar | 50 | 7 | Internal object code or other expense type category assigned to a transaction to identify payment purposes or resources |
| Period End Date | period_end_date | date | 3 | 3 | End of period in which a monthly expense transaction took place; each period end day is the last day of a month: e.g., 3/30/2008 or 12/31/2014 |
| Period Start Date | period_start_date | date | 3 | 3 | Beginning of period in which a monthly expense transaction took place; each period start day is the first day of a month: e.g., 4/1/2009 or 10/1/2015 |
| Person Organization Flag | person_org_flag | varchar | 1 | 1 | A binary code ('P' for person or 'O' for organization) to differentiate type of subawardees. This dichotomous category was utilized to mask subawardees' personally identifiable information |
| Recipient Account Number | recipient_account_number | varchar | 50 | 15 | A university's internal account number to uniquely identify each project; typically an accounting code used to allocate funds received from an award |

| | | | | | |
|---------------------------|---------------------------|---------|-----|-----|---|
| Subaward Address | subaward_address | varchar | 200 | 123 | Address of the subawardee. IRIS has replaced subawardee address with the string of 'masked' if subawardee address are provided by universities (thus not null) and subawardees are individuals |
| Subaward City | subaward_city | varchar | 50 | 50 | City of the subawardee associated with the subawardee address |
| Subaward Country | subaward_country | varchar | 50 | 16 | Country of the subawardee associated with the subawardee address |
| Subaward Domestic Zipcode | subaward_domestic_zipcode | varchar | 50 | 12 | US ZIP code of subawardee associated with the subawardee address |
| Subaward DUNS | subaward_duns | varchar | 50 | 14 | A subawardee's nine-digit (DUNS) number to identify business entities on a location-specific basis—the Data Universal Numbering System or D-U-N-S Number is copyrighted and provided by Dun & Bradstreet (D&B). If a DUNS was provided (i.e., not null) by universities for subawardees that are individuals, IRIS has replaced DUNS with the string 'masked' |
| Subaward EIN | subaward_ein | varchar | 50 | 30 | A subawardee's nine-digit Employer Identification Number (EIN). If an EIN was provided (i.e., not null) by universities for subawardees that are individuals, IRIS has replaced EIN with the string 'masked' |
| Subaward Foreign Zip Code | subaward_foreign_zipcode | varchar | 50 | 19 | Foreign ZIP/postal code of subawardee associated with the subawardee address |
| Subaward ID | subaward_id | varchar | 200 | 32 | IRIS-generated unique identifier assigned to the subaward recipient organization to which an IRIS member university provides program awards / subgrants / subcontracts. IRIS cleans subawardee name records from the data submitted by universities and generates this identifier based on the cleaned names |
| Subaward Name Clean | subaward_name_clean | varchar | 200 | 199 | Cleaned name of the subawardee. IRIS has replaced subawardee names with the string of 'masked' if names are provided by universities (thus not null) and subawardees are individuals |

| | | | | | |
|-------------------------|----------------------|---------|-----|-----|---|
| Subaward Name Raw | subaward_name_raw | varchar | 200 | 200 | Raw name of the subawardee. IRIS has replaced subawardee names with the string of 'masked' if names are provided by universities (thus not null) and subawardees are individuals |
| Subaward Payment Amount | subaward_payment_amt | numeric | 9 | 9 | Funds charged to the award by the subawardee in the specified period |
| Subaward State | subaward_state | varchar | 50 | 11 | State of the subawardee associated with the subawardee address |
| Unique Award Number | unique_award_number | varchar | 100 | 66 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |

aux_suborganization

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|----------------------------|-------------------|-----------|------------|------------|--|
| Campus ID | campus_id | varchar | 10 | 8 | IRIS-generated identifier assigned to each campus for de-identification purposes. Each ID is a combination of institution_id and a serial number helpful to identify the campus to which a given award is made and by which the award is being administered |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Main Campus Flag | main_campus | int | 4 | 4 | A binary value to indicate the main campus of each member university; valued 1 if a given campus is the main campus (flagship campus); valued 0 otherwise; if a given university has one campus in UMETRICS data, then that is the main campus |
| Sub-organization Unit | sub_org_unit | varchar | 20 | 12 | IRIS-generated identifier assigned to sub-organization units to which each funded project is assigned, such as a particular college within a given IRIS member university. (This is not at the level of individual departments.) Each ID is a combination of campus_id described above and a serial number assigned to each sub-organization unit within each campus. This ID helps to identify the college or unit to which a given award is made and by which the award is being administered at a lower-level |
| Sub-organization Unit Name | sub_org_unit_name | varchar | 100 | 100 | Sub-organizational unit name that maps to sub-organizational unit code, e.g., the college of natural sciences, the medical school, or the college of engineering. If the sub-org unit name provided by IRIS member universities contains identifiable information, IRIS replaced all information in this field with the string 'masked' |

aux_object_code

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-------------------------|------------------|-----------|------------|------------|--|
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Object Code | object_code | varchar | 50 | 7 | Internal object code or other expense type category assigned to a transaction to identify payment purposes or resources |
| Object Code Description | object_code_desc | varchar | 500 | 469 | Description of internal object code or other expense type category assigned to a transaction; maps to object code |

aux_emp_age

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|------------------------|----------------|-----------|------------|------------|--|
| Emp Number | emp_number | varchar | 100 | 32 | IRIS-generated unique identifier assigned to all personnel being paid by awards |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Year of Birth Category | yob_category | int | 4 | 4 | To simplify age bands in the field of "yob_range" above, we converted age bands into integers between 1 and 11. If yob_range value is "na" it is coded as 99, and if "masked" it is coded as 98 |
| Year of Birth Range | yob_range | varchar | 50 | 21 | The range in which an employee's year of birth falls, e.g., if one's birth year falls between 1988 and 1992, it is coded as "between_1988_and_1992". Employee age is mapped to unique employee ID found in the Employee File, and due to disclosure risk, 11 age bands are used to aggregate years. Additional values include "na" and "masked." If no information on an employee's birth year was provided by universities, it is coded as "na". Some age bands are rolled up into one and coded as "masked" due to disclosure risk |

aux_institution_fastfacts

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---|-------------------------|-----------|------------|------------|---|
| Carnegie Classification | carnegie_classification | varchar | 50 | 50 | Derived from the 2018 Classification Update of the traditional Carnegie Classification Framework for each academic institution; data retrieved Carnegie Classification of Institutions of Higher Education website: http://carnegieclassifications.iu.edu/ |
| Carnegie Code | carnegie_code | int | 4 | 4 | A numerical code for the Carnegie Classification. Based on the 2018 Carnegie Classification Update of the traditional Carnegie Classification Framework for each academic institution; Description of codes are available on the Carnegie Classification of Institutions of Higher Education website: http://carnegieclassifications.iu.edu/ |
| Distance between medical school and main campus | main_med_distance | int | 4 | 4 | The geographical distance (in miles) of the medical school from the main campus if an IRIS member university has a medical school |
| Fall Enrollment | fall_enrollment | int | 4 | 4 | The number of students enrolled in courses that are creditable toward a degree, diploma, certificate, or other formal award, or are part of a vocational or occupational program including any students enrolled in off-campus centers; data retrieved from the Integrated Postsecondary Education Data System (IPEDS) Fall Enrollment Survey |
| Federally Financed R&D Expenditures in All Fields | fed_rd_expenditures | int | 4 | 4 | R&D expenditures in all fields, including direct and recovered indirect costs, funded by all agencies of the Federal government; data retrieved from NSF HERD |
| Institution Control | institution_control | int | 4 | 4 | Defined for academic institutions as private or public (not applicable to biomedical institutions); values include 1 (Private) and 0 (Public); data retrieved from NSF HERD |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Land Grant | land_grant | decimal | 9 | 5 | Indicator for whether an institution is a Land Grant institution; values include 1 (institution is a Land Grant institution) and 0 (not a Land Grant institution); data retrieved from IPEDS and verified |

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|--------------------------------------|------------------------|-----|---|---|---|
| | | | | | on https://nifa.usda.gov/land-grant-colleges-and-universities-partner-website-directory |
| Medical School | med_school | int | 4 | 4 | Indicator for each institution having a medical school included as part of its reporting unit; Values include 1 (has medical school) and 0 (does not include medical school); data retrieved from NSF HERD |
| Number of Doctorate Recipients | number_doc_recipients | int | 4 | 4 | All earned doctorates granted by universities; data retrieved from the NSF Survey of Earned Doctorates (SED) |
| Number of Graduate Students | number_grad_students | int | 4 | 4 | The number of graduate students enrolled in GSS-eligible science, engineering, and health (SEH) units in the fall of the data collection year; data retrieved from the NSF-NIH Survey of Graduate Students & Postdoctorates in Science and Engineering (GSS) |
| Number of Other Personnel | number_other_personnel | int | 4 | 4 | All other personnel paid from the R&D salaries, wages and fringe benefits reported on the NSF Higher Education Research and Development Survey (HERD) who are not categorized as principal investigators; data retrieved from NSF HERD |
| Number of Postdocs | number_post_docs | int | 4 | 4 | Personnel defined as postdocs, namely recent doctorate recipients with limited-term appointments primarily intended for training under the supervision of a senior scholar. Data retrieved from the NSF-NIH Survey of Graduate Students & Postdoctorates in Science and Engineering (GSS) |
| Number of Principal Investigators | number_pis | int | 4 | 4 | Personnel paid from the R&D salaries, wages and fringe benefits reported on the survey (NSF Research and Development Expenditures at Universities and Colleges/Higher Education Research and Development Survey), and designated by the institution to direct the R&D project or program and be responsible for the scientific and technical direction of the project; Co-investigators (co-PIs) may be designated for this role and are also included. Missing data for this question were not imputed, therefore aggregate totals represent an undercount; data retrieved from NSF HERD |
| Total R&D Expenditures in All Fields | total_rd_expenditures | int | 4 | 4 | R&D expenditures from the institution's current operating funds that were separately accounted for, including expenditures for organized research as defined by 2 CFR 220 Part 200 Appendix III and expenditures from funds designated for research. |

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|------|------|-----|---|---|--|
| | | | | | Expenditures came from internal or external funding and included recovered and unrecovered indirect costs. Funds passed through to subrecipient organizations were also included. R&D was excluded if it was conducted by university faculty or staff at outside institutions and was not accounted for in the reporting institution's financial records. Data retrieved from NSF HERD |
| Year | year | int | 4 | 4 | Year (ranging between 2010 and 2017) is defined in two ways: 1) Academic year: doctorate recipients, fall enrollment, and other personnel-related data; 2) Fiscal year: R&D expenditures as defined in the data source, the NSF Higher Education R&D Survey (NSF HERD) |

aux_comprehensive_award_list

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|---------------------|-----------|------------|------------|---|
| Award File | award | int | 4 | 4 | A binary code to differentiate the file from which a given award originates; coded 1 if the award is present in Award file; coded 0 otherwise |
| CFDA | cfda | varchar | 10 | 6 | A five-digit CFDA (Catalog of Federal Domestic Assistance) number retrieved from the unique_award_number that universities submit. This number is assigned to awards to represent the source of funding. If the first two digits are between 10 and 98, awards are federally funded. If the first two digits range between 00 and 09, or 99, sources of awards are most likely non-federal |
| Employee File | employee | int | 4 | 4 | A binary code to differentiate the file from which a given award originates; coded 1 if the award is present in Employee file; coded 0 otherwise |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Subaward File | subaward | int | 4 | 4 | A binary code to differentiate the file from which a given award originates; coded 1 if the award is present in Subaward file; coded 0 otherwise |
| Unique Award Number | unique_award_number | varchar | 100 | 88 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |
| Vendor File | vendor | int | 4 | 4 | A binary code to differentiate the file from which a given award originates; coded 1 if the award is present in Vendor file; coded 0 otherwise |

aux_cfda

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|--|--------------------|-----------|------------|------------|---|
| Active CFDA as of FY2017 | active_cfda_FY2017 | int | 4 | 4 | A categorical value to indicate the status of the five digit CFDA numbers associated with domestic assistance programs; valued 1 if a given five digit CFDA number is mapped to a currently active domestic assistance program as of June 2018; valued 0 if inactive; valued 99 if a given CFDA number is not found in the historical file. See below for the definition of historical file |
| Active File | active_file | int | 4 | 4 | This field is a binary value to differentiate the file from which a given CFDA number originates; valued 1 if the CFDA number is present in active file; valued 0 otherwise. The active file was downloaded from cfda.gov (now sam.gov) and contains all currently active (as of June 2018) domestic assistance programs |
| Active First Two Digits of CFDA as of FY2017 | active_two_FY2017 | int | 4 | 4 | A binary value to indicate the current status of the first two digit numbers of CFDA numbers which is mapped to assisting federal agencies; valued 1 if a given two digit number is actively used as of June 2018; valued 0 otherwise |
| CFDA | cfda | varchar | 10 | 7 | A CFDA (Catalog of Federal Domestic Assistance) number used to identify and sort federal financial assistance programs. Each CFDA number contains five digits and appears in the following format: ##.### (e.g., 10.001 or 93.301) |
| Current Status | current_status | varchar | 200 | 157 | Details about current status of each domestic assistance program if a given CFDA number was changed, transferred to or incorporated into other CFDA numbers, or archived. This field is null if no detail is available from the historical file or CFDA numbers are present only in the UMETRICS file |
| First Two Digits of CFDA | first_two | int | 4 | 4 | The first two digits of CFDA numbers that appear in the CFDA field described above. The first two digit number can be used to map each federal financial assistance program to funding agencies. The first two digit numbers (in integer format) range between 10 and 98 |
| Government Unit Code | gov_unit_code | varchar | 50 | 13 | The official acronym of the assisting federal agency at the highest level of a given domestic assistance program. For example, if a domestic assistance program is administered and managed by the National |

| | | | | | |
|--------------------------|--------------------|---------|-----|-----|--|
| | | | | | Institutes of Health, this field indicates its parent organization acronym, HHS |
| Government Unit Name | gov_unit_name | varchar | 200 | 62 | The name of the assisting federal agency at the highest level of a given domestic assistance program. For example, if a domestic assistance program is administered and managed by the National Institutes of Health, this field indicates its parent organization, the Department of Health and Health Sciences |
| Historical File | historical_file | int | 4 | 4 | This field is a binary value to differentiate the file from which a given CFDA number originates; valued 1 if the CFDA number is present in historical file; valued 0 otherwise. The historical file was downloaded by IRIS staff in December 2017 and includes basic information about all domestic assistance programs that have existed from the 1960s to date. This file is no longer publicly available from the new website (sam.gov) that replaced cfda.gov. The raw file is archived by IRIS |
| Program Title | program_title | varchar | 500 | 238 | The program title that is available and downloaded from the website, cfda.gov (sam.gov). This field is null for CFDA's that are not found in the historical file. See above for the definition of historical file |
| Sub-unit Code | sub_unit_code | varchar | 50 | 21 | The official acronym of the federal agency that directly provides and administers a given domestic assistance program. For example, if a domestic assistance program is provided and administered by the National Institutes of Health, this field indicates NIH |
| Sub-unit Name | sub_unit_name | varchar | 200 | 86 | The name of the federal agency that directly provides and administers a given domestic assistance program. For example, if a domestic assistance program is provided and administered by the National Institutes of Health, this field indicates National Institutes of Health. NOTE: In the historical file, the equivalent field is named "office" |
| Type of Assistance | type_of_assistance | varchar | 500 | 500 | Each program is identified in terms of one or more of the 15 types of assistance provided. This field has values only for active CFDA's |
| UMETRICS File | umetrics_file | int | 4 | 4 | This field is a binary value to differentiate the file from which a given CFDA number originates; valued 1 if the CFDA number is present in umetrics file; valued 0 otherwise. The UMETRICS file was created by IRIS staff and includes 1879 unique five-digit CFDA numbers that were retrieved from core award, employee, vendor, and subaward files in December 2018 |
| Program Established Year | year_established | int | 4 | 4 | The year when a given domestic assistance program (associated with a unique CFDA number) was established. The field is null if CFDA |

| | | | | | |
|-----------------------|---------------|-----|---|---|---|
| | | | | | numbers are not found in the historical file. See above for the definition of historical file |
| Program Modified Year | year_modified | int | 4 | 4 | The year when a given domestic assistance program (associated with a unique CFDA number) was modified, if modified. The field is null if CFDA numbers are not found in the historical file. See above for the definition of historical file |

link_nsf_xwalk

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|---------------------|-----------|------------|------------|---|
| Award ID | award_id | varchar | 10 | 7 | The NSF unique award identifier assigned to each NSF award that is matched to UMETRICS award number |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Match Step | match_step | varchar | 10 | 3 | Indicator of which matching step generated each matched pair between UMETRICS and federal agency award record; values include: 1, 2, 3, 4, and 5 as the code is written to match award numbers through five different methods |
| Unique Award Number | unique_award_number | varchar | 100 | 49 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |

link_nsf

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-----------------------|-----------------------|-----------|------------|------------|---|
| Abstract Narration | abstract_narration | varchar | 8000 | 8000 | Abstract of the award |
| ARRA Amount | arra_amount | varchar | 50 | 12 | Amount of funding obligated designated as ARRA funding |
| Award Amount | award_amount | numeric | 9 | 5 | The amount obligated to date for the project |
| Award Effective Date | award_effective_date | date | 3 | 3 | Effective date of the award |
| Award Expiration Date | award_expiration_date | date | 3 | 3 | The date on which the award expires |
| Award ID | award_id | varchar | 10 | 7 | The agency assigned award number (a seven digit number) |
| Award Instrument | award_instrument | varchar | 100 | 33 | Type of Award |
| Award Instrument Code | award_instrument_code | varchar | 50 | 4 | Code associated with type of award |
| Award Title | award_title | varchar | 500 | 181 | Descriptive title of the project |
| Directorate | directorate | varchar | 100 | 60 | Department of NSF funding the award |
| Division | division | varchar | 200 | 74 | Division of NSF funding the award |

link_nih_xwalk

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|---------------------|-----------|------------|------------|---|
| Core Project Number | core_project_num | varchar | 50 | 11 | The NIH core project number assigned to each NIH-funded project that is matched to the core project part of UMETRICS award number |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Unique Award Number | unique_award_number | varchar | 100 | 61 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |

link_nih

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|-------------------|-----------|------------|------------|--|
| Abstract | abstract | varchar | 8000 | 8000 | Abstract of the funded project |
| Activity | activity | varchar | 8000 | 3 | 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 |
| Administrator IC | administering_ic | varchar | 10 | 2 | Administering Institute or Center - A two-character code to designate the agency, NIH Institute, or Center administering the grant |
| Application ID | application_id | int | 4 | 4 | A unique identifier of the project record |
| Application Type | application_type | varchar | 10 | 3 | A one-digit code to identify the type of application funded: 1) New Application; 2) Competing continuation; 3) Application for additional support; 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 |
| ARRA Funded | arra_funded | varchar | 10 | 1 | "Y" indicates a project supported by funds appropriated through the American Recovery and Reinvestment Act of 2009 |
| Award Notice Date | award_notice_date | date | 3 | 3 | Award notice date or Notice of Grant Award (NGA) is a legally binding document stating the government has obligated funds and which defines the period of support and the terms and conditions of award |
| Budget End | budget_end | date | 3 | 3 | The date when a project's funding for a particular fiscal year ends |
| Budget Start | budget_start | date | 3 | 3 | The date when a project's funding for a particular fiscal year begins |
| CFDA Code | cfda_code | varchar | 50 | 17 | A CFDA (Catalog of Federal Domestic Assistance) number used to identify and sort federal financial assistance programs |
| Core Project Number | core_project_num | varchar | 100 | 27 | Core project number |
| Direct Cost | direct_cost_amt | numeric | 9 | 5 | Total direct cost funding for a project for a given fiscal year. Available only for NIH awards funded in FY 2012 onward and not available for SBIR/STTR awards |
| ED Inst Type | ed_inst_type | varbinary | 200 | 124 | Institution type |

| | | | | | |
|---------------------|-------------------|---------|------|------|---|
| FOA Number | foa_number | varchar | 50 | 14 | 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 for Grants and Contracts |
| Full Project Number | full_project_num | varchar | 100 | 35 | 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 |
| Funding ICs | funding_ics | varchar | 1000 | 291 | The NIH Institute or Center(s) providing funding for a project are designated by their acronyms (see Institute/Center acronyms). Each funding IC is followed by a colon (:) and the amount of funding provided for the fiscal year by that IC. Multiple ICs are separated by semicolons (;). Project funding information is available only for NIH projects awarded in FY 2008 and later fiscal years |
| FY | fy | int | 4 | 4 | The fiscal year appropriation from which project funds were obligated |
| IC Name | ic_name | varchar | 200 | 79 | Full name of the administering agency, Institute, or Center |
| Indirect Cost | indirect_cost_amt | numeric | 9 | 5 | Total indirect cost funding for a project for a given fiscal year. Available only for NIH awards funded in FY 2012 and onward and not available for SBIR/STTR awards |
| NIH Spending CATS | nih_spending_cats | varchar | 8000 | 2232 | 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 |
| Org Dept | org_dept | varchar | 100 | 30 | 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 |
| Org District | org_district | varchar | 50 | 4 | 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 |

| | | | | | |
|--------------------|--------------------|---------|------|------|--|
| Org FIPS | org_fips | varchar | 50 | 2 | The country code of the grantee organization or contractor as defined in the Federal Information Processing Standard |
| PHR | phr | varchar | 8000 | 8000 | Submitted as part of a grant application, this statement articulates a project's potential to improve public health |
| PI IDs | pi_ids | varchar | 1000 | 261 | 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 |
| Project End | project_end | date | 3 | 3 | 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 |
| Project Start | project_start | date | 3 | 3 | The start date of a project. For subprojects of a multi-project grant, this is the start date of the parent award |
| Project Terms | project_terms | varchar | 8000 | 8000 | Thesaurus terms assigned by NIH CRISP indexers, only applicable to projects funded prior to the fiscal year 2008 |
| Project Title | project_title | varchar | 1000 | 200 | Title of the funded grant, contract, or intramural (sub)project |
| Serial Number | serial_number | varchar | 20 | 8 | A six-digit number assigned in serial number order within each administering organization |
| Study Section | study_section | varchar | 20 | 4 | A designator of the legislatively-mandated panel of subject matter experts that reviewed the research grant application for scientific and technical merit |
| Study Section Name | study_section_name | varchar | 200 | 94 | 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" |
| Sub Project ID | subproject_id | int | 4 | 4 | A unique numeric designation assigned to subprojects of a "parent" multi-project research grant |
| Suffix | suffix | varchar | 20 | 6 | 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 |

| | | | | | |
|------------------------|------------------------|---------|---|---|---|
| Support Year | support_year | int | 4 | 4 | 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 |
| Total Cost | total_cost | numeric | 9 | 5 | Total project funding from all NIH Institute and Centers for a given fiscal year. Costs are available only for: 1) NIH and CDC grant awards (only the parent record of multi-project grants) funded in FY 2000 and later fiscal years; 2) NIH intramural projects (activity codes beginning with "Z") in FY 2007 and later fiscal years; 3) NIH contracts (activity codes beginning with "N") in FY 2007 and later fiscal years. For multi-project grants, Total Cost includes funding for all of the constituent subprojects. This field will be blank on subproject records; the total cost of each subproject is found in Total_Cost_Sub_Project (FY 2000 and later fiscal years only) |
| Total Cost Sub Project | total_cost_sub_project | numeric | 9 | 5 | Applies to subproject records only. Total funding for a subproject from all NIH Institute and Centers for a given fiscal year. Costs are available only for NIH awards funded in FY 2000 and later |

link_nih_pub_xwalk

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|---------------------|-----------|------------|------------|---|
| Core Project Number | core_project_num | varchar | 50 | 11 | The NIH core project number assigned to each NIH-funded project that is matched to the core project part of UMETRICS award number |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| PMID | pmid | int | 4 | 4 | PubMed unique identifier assigned by the NIH National Library of Medicine to papers indexed in PubMed (index of abstracts). The number is 1- to 8- digits with no leading zeros |
| Unique Award Number | unique_award_number | varchar | 100 | 61 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |
| Year | year | int | 4 | 4 | Year of publication, from pub_date field in the link_nih_pub file |

link_nih_pub

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|----------------------------|--------------------|-----------|------------|------------|--|
| ISSN | issn | varchar | 20 | 9 | The International Standard Serial Number, an eight-character value that uniquely identifies the journal. |
| Journal Issue | journal_issue | varchar | 200 | 75 | An issue, part, or supplement of the journal in which the article was published. |
| Journal Title | journal_title | varchar | 1000 | 282 | Full journal title, taken from the NIH National Library of Medicine's cataloging data. |
| Journal Title Abbreviation | journal_title_abbr | varchar | 500 | 108 | Standard abbreviation for the title of the journal in which the article appeared. |
| Journal Volume | journal_volume | varchar | 200 | 99 | Volume number of the journal in which the article was published |
| Language | lang | varchar | 20 | 3 | Three-letter abbreviation representing the language(s) in which an article was published. List of abbreviations is available at: https://www.nlm.nih.gov/bsd/language_table.html . |
| Page Number | page_number | varchar | 500 | 138 | Pages for the article, including document numbers for electronic articles. |
| PMCID | pmc_id | varchar | 20 | 9 | A unique identifier for the article in PubMed Central (index of full-text papers). The PMCID or PMC Identifier, is assigned to each full-text paper in PubMed Central by the National Library of Medicine. |
| PMID | pmid | int | 4 | 4 | PubMed unique identifier assigned by the NIH National Library of Medicine to papers indexed in PubMed (index of abstracts). The number is 1- to 8- digits with no leading zeros; this is the field one should use to retrieve publication details when using the award-level NIH - publication - UMETRICS crosswalk. |
| Publication Date | pub_date | varchar | 50 | 23 | Date on which the issue of the journal was published. The standardized format includes a 4-digit year, a 3-character abbreviated month, and a 1 or 2-digit day, but the data are taken as published in the journal issue so not every record contains all elements. |
| Publication Title | pub_title | varchar | 8000 | 2000 | Title of the article; if originally published in a non-English language this is a translation enclosed in brackets. |
| Publication Year | pub_year | int | 4 | 4 | Year of publication, from pub_date |

link_usda_xwalk

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|---------------------|---------------------|-----------|------------|------------|---|
| Award ID | award_id | varchar | 50 | 16 | USDA award identifier assigned to each USDA award that is matched to UMETRICS award number; this identifier could be grant number or project number if grant number is not available in UMETRICS or project number is matched |
| Institution ID | institution_id | int | 4 | 4 | IRIS-generated unique identifier assigned to each IRIS member university for de-identification purposes. Values are four or five digit numbers |
| Match Step | match_step | varchar | 10 | 3 | Indicator of which matching step generated each matched pair between UMETRICS and federal agency award record; values include: 1, 2, 3, 4, and 5 as the code is written to match award numbers through five different methods |
| Unique Award Number | unique_award_number | varchar | 100 | 32 | University-generated unique identifier specifying an award and its funding source, made up of the 5-digit funding source code (e.g., CFDA number) and an award identifier. Award identifier may include the awarding agency's federal award ID (e.g., federal grant number, contract number, or loan number) or an internal award ID for non-federal awards. Values may include a space or dash in between them: e.g., "10.310 2010-12345-54321" (USDA example), "47.050 1234567" (NSF example), "93.865 2-R01-DK-012345-15-S1" (NIH example), "00.000 1234567" and "00.200 State Award 1" (Non-federal grant examples) |

link_usda

| Field Name | Column Name | Data Type | Set Length | Max Length | Field Definition |
|-------------------|-------------------|-----------|------------|------------|--|
| Abstract | abstract | varchar | 8000 | 8000 | Abstract of the funded project |
| Accession Number | accession_number | int | 4 | 4 | A unique 7-digit identifier assigned by USDA to all Grants, Cooperative Agreements, and other types of funding instrument. |
| Funding Source | funding_source | varchar | 100 | 26 | This field indicates the funding mechanism for a project from a USDA and/or NIFA perspective. These include: 3D Grant; Animal Health; Cooperative Agreement; Evans-Allen; Hatch; McIntire-Stennis; NRI Competitive Grant; Other Extension Grant; Other Grant; RREA; SERD Grant; Small Business Grant; Special Grant; State; USDA Contract; USDA Grant, and; USDA In-house |
| Grant Number | grant_number | varchar | 100 | 18 | A unique award identifier assigned by USDA; formatting differs by sub-agency. For example, USDA grants funded through NIFA will be assigned a Grant Number consisting of a 4-digit year followed by a hyphen, five-digit financial data code, another hyphen, and five-digit sequential number, e.g., 2004-45066-03027. If not a grant, NIFA assigns 'N/A ('Not Applicable') as the Award ID/Grant Number. If USDA awards are funded through ARS, the Grant Number consists of a two-digit number followed by a hyphen, four-digit number, hyphen, one-digit number, hyphen, and three-digit number, e.g., 58-3620-0-125. If not a grant, NIFA assigns 'N/A' ('Not Applicable') as Award ID. |
| Grant Year | grant_year | int | 4 | 4 | Year in which a project is funded |
| Multistate Number | multistate_number | varchar | 50 | 15 | An identifier associating multistate (regional) research projects that is assigned by the sponsoring regional association or committee. Codes include a regional association abbreviation, e.g., NC (North Central), NE (North East), S (South), W (West) or NSRP (National Research Support Program) or associated committee abbreviation (e.g., NCA, NCERA) with a serial number |
| Program Code | program_code | varchar | 50 | 5 | The associated program (area priority) code or program code for an award |
| Project End Date | project_end_date | date | 3 | 3 | The end date of a project |
| Project Number | project_number | varchar | 100 | 21 | An alpha-numeric identifier assigned and maintained by the reporting institution. Project numbers may be reused within an institution, but the |

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|------------------------|------------------------|---------|-----|-----|---|
| | | | | | project number is prefixed with a three-or four-character institution code (controlled by REEport Site Administrators) to insure a unique identity across institutions. |
| Project Start Date | project_start_date | date | 3 | 3 | The start date of a project |
| Project Status | project_status | varchar | 50 | 11 | The identification of the status of a project, e.g., active, extended, new, pending, revised, or terminated |
| Project Title | project_title | varchar | 500 | 252 | The title of award |
| Proposal Number | proposal_number | varchar | 100 | 12 | A Proposal No. consists of a four-digit year followed by a hyphen and a five-digit sequence number (e.g., 2004-01478). |
| Sponsoring Institution | sponsoring_institution | varchar | 100 | 42 | The sponsoring institution name, e.g., State Agricultural Experiment Station; Forest Service/USDA; National Institute of Food and Agriculture; Other Cooperating Institutions; Economic Research Service/USDA; Cooperating Schools of Veterinary Medicine; Rural Business-Cooperative Service; Agricultural Research Service/USDA |