Data Dictionary for UMETRICS 2016Q3a Dataset

File 1: Research Use UMETRICS 2016Q3a Award Transaction File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Period Start Date	Num	8	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, 10/1/2015
Period End Date	Num	8	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, 12/31/2014
Funding Source Name	Char	200	Funding source assigned to each project
Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
Award Title	Char	500	Title of award
CFDA	Char	10	A five-digit CFDA (Catalog of Federal Domestic Assistance) number assigned to awards that represents the source of funding; code is retrieved from the unique award number
Recipient Account Number	Char	50	Unique identifier for each project; the account number / code is internal to the university
Overhead Charged	Num	8	Actual overhead dollars charged to the award in the specified period
Total Direct Expenditures	Num	8	Total direct expenditures charged to the award in the specified period
Campus ID	Char	50	Unique identifier to campus to which each award is made; some IRIS universities provide their award data from one campus and others from multiple campuses—this helps to identify the number of campuses (data sources) in this file for a given university; this campus ID was created and reassigned by IRIS for de-identification purposes—each ID is a combination of an alpha character and two digit numbers
Sub-organization Unit Code	Char	50	Sub-organizational unit code to which each funded project is assigned, such as a particular college (not at the level of individual departments) within a given IRIS member university; Universities' codes for their own sub-organization units that have received awards are present in the sub-organization unit field

File 2: Research Use UMETRICS 2016Q3a Employee Transaction File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose

Period Start Date	Num	8	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, 10/1/2015
Period End Date	Num	8	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, 12/31/2014
Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
CFDA	Char	10	A five-digit CFDA (Catalog of Federal Domestic Assistance) number assigned to awards that represents the source of funding; code is retrieved from the unique award number
Recipient Account Number	Char	50	Unique identifier for each project; the account number / code is internal to the university
Object Code	Char	50	Internal object code or other expense type category assigned to transaction to identify payment purposes or resources
IRIS Employee Number	Num	8	Unique employee ID (random numbers) assigned by IRIS for grant funded personnel
Job Title	Char	200	Job / Occupation title assigned to the funded personnel by IRIS member universities
Occupational Class	Char	50	Job classification provided by IRIS member universities
Umetrics Occupational Class	Char	50	Job classification (14 categories) generated by IRIS; jobs are categorized into 5 major aggregate groups and 10 sub-categories for staff: 1) Macro-level (Tier one) classification (Faculty, Staff, Post Graduate Research, Graduate Student, and Undergraduate); 2) Micro-level (Tier Two) classification for Staff, including: Clinician, Staff Scientist, Research Analyst, Technician, Research Support, Technical Support, Research Administration, Research Coordinator, Instructional, Staff Other
SOC Code	Char	50	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
FTE Status	Num	8	Designation of the status of the funded personnel (full time = 1.0, half time = .5); FTE is a university specific, not an award specific field; the value ranges between 0 and 1
Proportion of Earnings	Num	8	Calculated portion of earnings charged by funded personnel to the award in the specified period, not actual salary or dollar amounts; depending on how much of their salary is derived from an award, the value ranges between 0 and 1

File 3: Research Use UMETRICS 2016Q3a Vendor Transaction File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Period Start Date	Num	8	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, 10/1/2015

Period End Date	Num	8	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, 12/31/2014
Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
CFDA	Char	10	A five-digit CFDA (Catalog of Federal Domestic Assistance) number assigned to awards that represents the source of funding; code is retrieved from the unique award number
Recipient Account Number	Char	50	Unique identifier for each project; the account number / code is internal to the university
Object Code	Char	50	Internal object code or other expense type category assigned to transaction to identify payment purposes or resources
IRIS Vendor ID	Char	50	Unique identifier of the subrecipient or vendor organization disambiguated at the national level, generated by IRIS
Vendor EIN	Char	50	The vendor's nine-digit Employer Identification Number (EIN); IRIS has deleted information from this field that would personally identify vendors who are individuals
Vendor DUNS	Char	50	The 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)
Vendor Payment Amount	Num	8	The funds charged to the award by the vendor in the specified period
Vendor Name	Char	200	Name of vendor; IRIS has deleted information from this field that would personally identify vendors who are individuals
Vendor Address	Char	200	Address of the subrecipient or vendor organization
Vendor City	Char	100	City of the subrecipient or vendor organization
Vendor State	Char	200	State of subrecipient or vendor organization
Vendor Domestic Zipcode	Char	50	US zip code of subrecipient or vendor organization
Vendor Foreign Zipcode	Char	50	Foreign zip code of subrecipient or vendor organization
Vendor Country	Char	100	Country of subrecipient or vendor organization
Person Organization Flag	Char	1	A binary code (P or O) to differentiate type of vendors: Person (P) or Organization (O)—this dichotomous category was utilized to delete information from fields that would personally identify vendors who are individuals

File 4: Research Use UMETRICS 2013Q3a Subaward Transaction File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Period Start Date	Num	8	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, 10/1/2015

Period End Date	Num	8	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, 12/31/2014
Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
CFDA	Char	10	A five-digit CFDA (Catalog of Federal Domestic Assistance) number assigned to awards that represents the source of funding; code is retrieved from the unique award number
Recipient Account Number	Char	50	Unique identifier for each project; the account number / code is internal to the university
Object Code	Char	50	Internal object code or other expense type category assigned to transaction to identify payment purposes or resources
IRIS Subawardee ID	Char	50	Unique identifier of the subaward recipient disambiguated at the national level, generated by IRIS
Subawardee EIN	Char	50	The subawardee's nine-digit Employer Identification Number (EIN); IRIS has deleted information from this field that would personally identify subawardees who are individuals
Subawardee DUNS	Char	50	The 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)
Subaward Payment Amount	Num	8	The funds charged to the award by the subaward recipient in a specified period
Subawardee Name	Char	200	Name of subaward recipient; IRIS has deleted information from this field that would personally identify subawardees who are individuals
Subawardee Address	Char	200	Address of subaward recipient
Subawardee City	Char	100	City of subaward recipient
Subawardee State	Char	100	State of subaward recipient
Subawardee Domestic Zipcode	Char	50	US zip code of subaward recipient
Subawardee Foreign Zipcode	Char	50	Foreign zip code of subaward recipient
Subawardee Country	Char	100	Country of subaward recipient
Person Organization Flag	Char	1	A binary code (P or O) to differentiate type of subaward recipients: Person (P) or Organization (O); this dichotomous category was utilized to delete information from fields that would personally identify subaward recipients who are individuals

File 5: Research Use UMETRICS 2016Q3a Sub-organization Units File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose

Field Name	Data Type	Max Length	Field Definition
Campus ID	Char	50	Unique identifier to campus to which each award is made; some IRIS universities provide their award data from one campus and others from multiple campuses—this helps to identify the number of campuses (data sources) in this file for a given university; this campus ID was created and reassigned by IRIS for de-identification purposes—each ID is a combination of an alpha character and two digit numbers
Sub-organization Unit Code	Char	50	Sub-organizational unit code to which each funded project is assigned, such as a particular college (not at the level of individual departments) within a given IRIS member university; Universities' codes for their own sub-organization units that have received awards are present in the sub-organization unit field
Sub-organization Unit Name	Char	64	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 included identifiable information, IRIS removed such information from this field

File 6: Research Use UMETRICS 2016Q3a Object Code File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Object Code	Char	50	Internal object code or other expense type category assigned to transaction to identify payment purposes or resources
Object Code Description	Char	70	Description of internal object code or other expense type category assigned to transaction—it maps to object code

File 7: Research Use UMETRICS 2016Q3a Institutional Fastfacts File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Year	Num	8	Year (ranging between 2001 and 2015) 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)
NSF region	Char	100	Location of each IRIS member university categorized into one of the 10 NSF regions; data retrieved from NSF HERD
Institution Control	Char	50	Defined for academic institutions as private or public (not applicable to biomedical institutions); values include: Public, Private, and Not Applicable; data retrieved from NSF HERD
Highest Degree Offered	Char	100	Defined for academic institutions as doctorate-granting, master's-granting, or bachelor's-granting; possible values include, e.g., Doctorate-granting Institutions, Master's-granting Institutions, etc.; data retrieved from NSF HERD

Field	Type	Length	Description
Carnegie Classification	Char	100	Derived from the 2010 Basic Classification update of the traditional Carnegie Classification Framework for each academic institution; possible values include, e.g., Research Universities-Very High Research Activity, Research Universities-High Research Activity, Doctoral/Research Universities, Master's Colleges and Universities, etc.; data retrieved from NSF HERD and Carnegie Classification of Institutions of Higher Education website
Medical School	Char	100	Indicator for each institution having a medical school included as part of its reporting unit; data retrieved from NSF HERD
Total R&D Expenditures in All Fields	Num	8	R&D expenditures in all fields from current operating funds that are separately budgeted and accounted for—data available from 2003 and beyond; R&D includes expenditures used for: 1) Sponsored research (including federal and nonfederal sponsors); 2) University research (institutional funds that are separately budgeted for individual R&D projects); 3) Other accounts funded by the institution that are only used for research; 4) Recovered and unrecovered indirect costs; 5) Equipment purchased from R&D project accounts; 6) R&D funds passed through to a subrecipient organization, educational or other; 7) Clinical trials, Phases I, II, or III, and; 8) Research training grants funding work on organized research projects; data retrieved from NSF HERD
Federally Financed R&D Expenditures in All Fields	Num	8	R&D expenditures in all fields, including direct and recovered indirect costs, funded by all agencies of the Federal government—data available for 2003-15; data retrieved from NSF HERD
Total Higher Education R&D Expenditures for S&E	Num	8	R&D expenditures in science and engineering (S&E) fields from current operating funds that are separately budgeted and accounted for—data available for 2001-15; data retrieved from NSF HERD
Number of Doctorate Recipients	Num	8	All earned doctorates granted by universities—data available for 2001-15; data retrieved from the NSF Survey of Earned Doctorates/Doctorate Records File
Fall Enrollment	Num	8	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 available for 2001-15; data retrieved from the Integrated Postsecondary Education Data System (IPEDS) Enrollment Survey
Number of Graduate Students	Num	8	The number of graduate students enrolled in GSS-eligible science, engineering, and health (SEH) units in the fall of the data collection year—data available for 2001-15; data retrieved from the NSF-NIH Survey of Graduate Students & Postdoctorates in Science and Engineering
Number of Principal Investigators	Num	8	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 available for 2010-13; data retrieved from NSF HERD

Field Name	Data Type	Max Length	Field Definition
Number of Postdocs	Num	8	All personnel paid from 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) that are categorized as postdocs—postdocs are defined by NSF as meeting both of the following qualifications: 1) Holds a recent doctoral degree, generally awarded within the last 5 years; 2) Has a limited-term appointment, generally no more than 5-7 years; data retrieved from NSF HERD
Number of Other Personnel	Num	8	All other 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 are not categorized as principal investigators—data available for 2010-13; data retrieved from NSF HERD

File 8: Research Use UMETRICS 2016Q3a Comprehensive Award List File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purposes
Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
CFDA	Char	10	A five-digit CFDA (Catalog of Federal Domestic Assistance) number assigned to awards that represents the source of funding; code is retrieved from the unique award number
Present in Award File	Num	8	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
Present in Employee File	Num	8	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
Present in Vendor File	Num	8	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
Present in Subaward File	Num	8	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

File 9: Research Use UMETRICS 2016Q3a NIH-NSF-USDA Award Number List File

Field Name	Data Type	Max Length	Field Definition
Agency Award Number	Char	50	Unique award number assigned to each award by federal agencies; numbers are standardized by IRIS (e.g., dashes in award numbers are removed)
NIH Core Project Number	Char	50	Core project number as part of unique award numbers (= full project numbers) assigned to NIH awards; thus this field applies to only NIH awards (null for NSF and USDA awards)

Agency	Char	50	Indicator of one of the three federal agencies (NIH, NSF, or USDA) whose award data are matched to UMETRICS award data

File 10: Research Use UMETRICS 2016Q3a NIH Award Details File

Field Name	Data Type	Max Length	Field Definition
Application ID	Char	500	A unique identifier of the project record
Activity	Char	50	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	Char	500	Administering Institute or Center - A two-character code to designate the agency, NIH Institute, or Center administering the grant
Application Type	Char	50	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	Char	50	"Y" indicates a project supported by funds appropriated through the American Recovery and Reinvestment Act of 2009
Award Notice Date	Char	50	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 Start	Num	8	The date when a project's funding for a particular fiscal year begins
Budget End	Num	8	The date when a project's funding for a particular fiscal year ends
CFDA Code	Char	50	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
Core Project Number	Char	50	Core project number
ED Inst Type	Char	200	Institution type
FOA Number	Char	50	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	Char	50	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	Char	1024	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	Num	8	The fiscal year appropriation from which project funds were obligated
IC Name	Char	500	Full name of the administering agency, Institute, or Center
NIH Spending CATS	Char	1024	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	Char	200	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	Char	50	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	Char	50	The country code of the grantee organization or contractor as defined in the Federal Information Processing Standard
PHR	Char	1024	Submitted as part of a grant application, this statement articulates a project's potential to improve public health
Project Start	Char	50	The start date of a project. For subprojects of a multi-project grant, this is the start date of the parent award
Project End	Char	50	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 Terms	Char	1024	These were thesaurus terms assigned by NIH CRISP indexers, only applicable to projects funded prior to the fiscal year 2008
Project Title	Char	1024	Title of the funded grant, contract, or intramural (sub)project
Serial Number	Char	500	A six-digit number assigned in serial number order within each administering organization
Study Section	Char	500	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	Char	500	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	Num	8	A unique numeric designation assigned to subprojects of a "parent" multi-project research grant
Suffix	Char	50	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	Char	50	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	Num	8	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	Num	8	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 fiscal years

File 11: Research Use UMETRICS 2016Q3a NSF Award Details File

Field Name	Data Type	Max Length	Field Definition
Award ID	Char	200	The agency assigned award number
Award Title	Char	500	Descriptive title of the project
Award Effective Date	Num	8	Effective date of the award
Award Expiration Date	Num	8	The date on which the award expires
Award Amount	Num	8	The amount obligated to date for the project
Award Instrument	Char	300	Type of Award
Award Instrument Code	Char	100	Code associated with type of award
Organization Code	Char	200	Awardee Institution code
Directorate	Char	100	Department of NSF funding the award
Division	Char	300	Division of NSF funding the award
Abstract Narration	Char	1024	Abstract of the award
ARRA Amount	Char	50	Amount of funding obligated designated as ARRA funding

File 12: Research Use UMETRICS 2016Q3a USDA Award Details File

Field Name	Data Type	Max Length	Field Definition
Accession Number	Num	8	One of the two project identifiers for each funded project; Accession Numbers begin with zero (0) and consist of seven (7) digits, e.g., Accession No. (AN) should look like 0134036
Grant Number	Char	50	A Grant No. consists of a two-digit year (2000 and earlier) or a four-digit year (2001 and later) followed by a hyphen and the five-digit financial data code, and then another hyphen and a four- or five-digit sequence number (e.g., 00-38814-9538 or 2004-45066-03027).
Proposal Number	Char	50	A Proposal No. consists of a four-digit year followed by a hyphen and a five-digit sequence number (e.g., 2004-01478).
Project Number	Char	50	One of the two project identifiers for each funded project; Project No. (PN) should look like, KY01056—the project number may contain dashes

Project Title	Char	500	The title of award
Project Status	Char	100	The identification of the status of project: active, extended, new, pending, revised, or terminated
Multistate Number	Char	50	The Multistate (Regional) Project No. field (RL) contains a regional abbreviation and a numeric designation separated by a hyphen (-). Only those projects which contribute to a particular Multistate Project will have data in this field. The possible codes and their translations are: IR = Interregional; NC = North Central Region; NE = Northeastern Region; NRSP = National Research Support Project; S = Southern Region, and; W = Western Region
Start Date	Num	8	The start date of a project
End Date	Num	8	The end date of a project
Sponsor Institution	Char	500	The name of sponsoring institution. These include: 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
Project Type	Char	100	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

File 13: Research Use UMETRICS 2016Q3a UMETRICS-Federal Agency Award Crosswalk File

Field Name	Data Type	Max Length	Field Definition
Institution ID	Num	8	Unique identifier (a four or five digit number) assigned to each IRIS member university for de-identification purpose
Agency Award Number	Char	50	Unique identifier assigned to each award by federal agencies; award number format varies across agencies
UMETRICS Unique Award Number	Char	100	Unique identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code (e.g., CFDA code) with an award identifier—either the federal award ID from the awarding Federal Agency (such as the federal grant number, federal contract number, or the federal loan number) or an internal award ID for non-federal awards—with 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)
UMETRICS Abbreviated Unique Award Number	Char	50	UMETRICS's unique award identifier without a CFDA number—it is generated by removing CFDA numbers from UMETRICS Unique Award Number
Agency	Char	50	Indicator of one of the three federal agencies (NIH, NSF, or USDA) whose award data are matched to UMETRICS award data
Match Process Step	Char	50	Indicator of which matching step generated each matched pair between UMETRICS and federal agency award record; values include: 1, 2, 3, 4, 5-1 and 5-2 as the code is written to match award numbers through six different methods

Field Name	Data Type	Max Length	Field Definition
Match Rate	Num	8	The proportion of string match between federal agency and UMETRICS award numbers; the value ranges between 0 and 1

File 14: Research Use UMETRICS 2016Q3a UMETRICS-ProQuest Subject-focused Crosswalk File

Field Name	Data Type	Max Length	Field Definition
Dissertation Sequential Number	Num	8	A sequential number assigned by IRIS to an individual dissertation selected in this crosswalk table; this number is not an original publication number or dissertation ID generated by ProQuest
Institution ID	Num	8	Unique identifier assigned to each IRIS member university for de-identification purposes; a four or five digit number
Degree Year	Num	8	The year, in the form of the 4-digit year (e.g., "2010"), when each dissertation was submitted and accepted for a PhD degree
IRIS Employee Number	Char	50	Unique employee identifier (random numbers) assigned by IRIS for grant funded personnel
Aggregated Subject	Char	64	The first of 13 aggregated subject fields assigned for each dissertation; retrieved from ProQuest data through record linkage
Fine Aggregated Subject	Char	62	The first of the 13 fine aggregated subject fields assigned for each dissertation; retrieved from ProQuest data through record linkage