

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Award	Expenditures by Award This table should include all awards, including those awards that do not have overhead charged or direct expenditures	Period Start Date	PeriodStartDate	The start date for the period. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-01	Please provide expenditure data summed monthly for each Unique Award
		Period End Date	PeriodEndDate	The end date for the period. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-12-31	
		Funding Source Name	FundingSource	The direct funding source assigned to each project.	String	200	No required format	Packard Foundation	
		Unique Award Number	UniqueAwardNumber	Identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code—either the CFDA code or a Other Funding Source (OFS) 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) for federal or subawarded awards, or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source CFDA] [Award Identifier] ##.### Award Identifier	28.124 FSJ1232 47.223 5544111 00.000 1246581 00.200 State Award 1 12.345 0 47.000 0	
		Recipient Account Number	RecipientAccountNumber	Internal accounting code that allocates funds from award. May be at the "parent" or "child" level.	String	50	No required format	FS11222555	
		Award Title	AwardTitle	Title of Award	String	500	No required format	Collaborative Research: Empirical Analyses	
		Overhead Charged	OverheadCharged	Actual Overhead dollars charged to the award in the specified period.	Number	N/A	Dollar value - numeric without \$ sign or commas	1222.31	
		Total Direct Expenditures	TotalExpenditures	Total direct expenditures charged to the award in the specified period.	Number	N/A	Dollar value - numeric without \$ sign or commas	1038000.99	
		Campus ID	CampusId	Campus identifier to which the transaction is assigned	String	30	No required format	11, UMF, UMA, UMD	
		Sub Organizational Unit	SubOrgUnit	Sub unit identifier to which the transaction is assigned. This unit should be at the college level, not at the level of individual departments.	String	30	No required format	15	

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Employee	Percentage of Earnings Spent on Award, grouped by Employee	Period Start Date	PeriodStartDate	The start date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-01	Please provide transactional data for each employee working on a unique award. Only sum data to a monthly level if transactional data is unavailable.
		Period End Date	PeriodEndDate	The end date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-31	
		Unique Award Number	UniqueAwardNumber	Identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code—either the CFDA code or a Other Funding Source (OFS) 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) for federal or subawarded awards, or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source CFDA] [Award Identifier] ##.### Award Identifier	28.124 FSJ1232 47.000 5544111 00.000 1246581 00.200 State Award 1 12.345 0 47.000 0	
		Recipient Account Number	RecipientAccountNumber	Internal accounting code that allocates funds from award. May be at the "parent" or "child" level.	String	50	No required format	FS11222555	
		De-identified Employee ID Number	DeidentifiedEmployeeIdNumber	Unique Employee ID (not Social Security number) of grant funded personnel	String	50	No required format	E998811	
		Occupational Classification	OccupationalClassification	Employee's occupational classification on the award (if a former STARMETRICS member, use STARMETRICS occupational classification)	String	50	No required format	Faculty	
		Job Title	JobTitle	Job / Occupation Title (text from HR system)	String	100	No required format	Data Analyst	
		Object Code or Other Expense Category	ObjectCode	Internal organization object code or other expense type category assigned to transaction	String	50	No required format	B3848.001	
		SOC Federal Code	SOCCode	Standard Occupational Classification codes that are required for federal agency reporting (http://www.bls.gov/soc/)	String	30	##-####	11-1000	
		FTE Status	FteStatus	Designation of the status (percent) of the funded personnel (full time = 1.0, half time = .5)	Number	N/A	Decimal Number Between 0 and 1 (inclusive)	0.5	
Proportion of Earnings Allocated to Award	ProportionOfEarningsAllocated	Calculated portion of earnings charged by funded personnel to the award in the specified period.	Number	N/A	Decimal Number Between 0 and 1 (exclusive)	0.33			

Employee Name	Link employee names to Employee File	De-identified Employee ID Number	DeidentifiedEmployeeIdNumber	Unique Employee ID (not Social Security number) of grant funded personnel	String	50	No required format	E998811	
		Employee Last Name	LastName	Employee last name	String	50	No required format	Jones	
		Employee Middle Name	MiddleName	Employee middle name	String	50	No required format	Marie	
		Employee First Name	FirstName	Employee first name	String	50	No required format	Christina	
		Employee Year of Birth	BirthYear	Employee's year of birth	Numeric	N/A	Integer - 4 digit	1967	
		Employee Month of Birth	BirthMonth	Employee's month of birth	Numeric	N/A	Integer - 2 digit	12	

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency	
Vendor	<p>Vendor payments grouped by Vendor.</p> <p>For Institution Address, please use the address that shows up on the invoice assigned to each transaction.</p>	Period Start Date	PeriodStartDate	The start date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-01	Please provide a full fiscal year's worth of transactional data. Only sum data to a monthly level if transactional data is unavailable.	
		Period End Date	PeriodEndDate	The end date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-31		
		Unique Award Number	UniqueAwardNumber	Identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code—either the CFDA code or a Other Funding Source (OFS) 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) for federal or subawarded awards, or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source CFDA] [Award Identifier] ## ### Award Identifier	28.124 FSJ1232 47.000 5544111 00.000 1246581 00.200 State Award 1 12.345 0 47.000 0		
		Recipient Account Number	RecipientAccountNumber	Internal accounting code that allocates funds from award. May be at the "parent" or "child" level.	String	50	No required format	FS11222555		
		Object Code or Other Expense Category	ObjectCode	Internal organization object code or other expense type category assigned to transaction	String	50	No required format	B3848.001		
		Organization / Vendor ID	OrganizationID	Internal identifier specifying the organization or institution of the vendor establishment.	String	50	No required format			
		Vendor EIN	EIN	The Vendor's 9 digit EIN number	String	10		#####		123456789
		Vendor DUNS number	DUNS	The Vendor's DUNS number	string	15		##-###-####		12-345-6789
		Vendor Payment Amount	VendorPaymentAmount	The funds paid to the vendor in the specified period.	Number	N/A	Dollar value - numeric without \$ sign or commas	1222.31		
		Org or Institution Name	OrgName	Name of the vendor establishment	String	200	No required format	FISCHER SCIENTIFIC		
		Org or Institution PO Box	POBox	PO Box number of vendor establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	PO Box 4		
		Org or Institution Building Number	BldgNum	Building number of vendor establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	12343		
		Org or Institution Street Number	StrNumber	Street number of vendor establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	1234B		
		Org or Institution Street Name	StrName	Street name of vendor establishment. Location information should be at the establishment level, not the firm level.	String	100	No required format	Main Street		
		Org or Institution Address	Address	Number and Street Name into separate columns). Location information should be at the establishment level, not the firm level.	String	120	No required format	1235 Main Street		
		Org or Institution City	City	City of the vendor establishment. Location information should be at the establishment level, not the firm level.	String	50	No required format	Pittsburgh		
		Org or Institution State	State	State of vendor establishment. Location information should be at the establishment level, not the firm level.	String	2	Standard 2-letter abbreviation	PA		
		Org or Institution Zip Code - Domestic	DomesticZipCode	US Zip Code of vendor establishment. Location information should be at the establishment level, not the firm level.	String	10		ZIP/Postal Code: ##### #####-#### #####		76442 76442-4321 764424321
Org or Institution Zip Code - Foreign	ForeignZipCode	Foreign Zip Code of vendor establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	04000				
Org or Institution Country	Country	Country of vendor establishment. Location information should be at the establishment level, not the firm level.	String	2	2 or 3-letter International Organization for Standardization (ISO) country code	US - United States GB - Great Britain				

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
<p>Sub-Award</p> <p>Sub-Award Payments grouped by Sub-Award Recipient.</p> <p>For Institution Address, please use the address that shows up on the invoice assigned to each transaction.</p>		Period Start Date	PeriodStartDate	The start date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-01	<p>Please provide a full fiscal year's worth of transactional data. Only sum data to a monthly level if transactional data is unavailable.</p>
		Period End Date	PeriodEndDate	The end date for the transaction. Transaction periods must be monthly.	Date	N/A	(YYYY-MM-DD)	2009-10-31	
		Unique Award Number	UniqueAwardNumber	Identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code—either the CFDA code or a Other Funding Source (OFS) 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) for federal or subawarded awards, or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source CFDA] [Award Identifier] ##.### Award Identifier	28.124 FSJ1232 47.000 5544111 00.000 1246581 00.200 State Award 1 12.345 0 47.000 0	
		Recipient Account Number	RecipientAccountNumber	Internal accounting code that allocates funds from award. May be at the "parent" or "child" level.	String	50	No required format	FS111222555	
		Object Code or Other Expense Category	ObjectCode	Internal organization object code or other expense type category assigned to transaction	String	50	No required format	B3848.001	
		Organization / Institution ID	OrganizationID	Internal identifier specifying the subawardee (subrecipient).	String	50	No required format		
		Sub-Award Recipient EIN Number	EIN	The subawardee's 9 digit EIN number	String	10	#####	EIN: 123456789	
		Sub Award DUNS number	DUNS	The subawardee's DUNS number	string	15	##-###-####	12-345-6789	
		Sub-Award Payment Amount	SubAwardPaymentAmount	The funds paid to the subawardee in the specified period.	Number	N/A	Dollar value - numeric without \$ sign or commas	1222.31	
		Org or Institution Name	OrgName	Name of the subawardee establishment	String	200	No required format	University of Michigan	
		Org or Institution PO Box	POBox	PO Box number of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	PO Box 4	
		Org or Institution Building Number	BldgNum	Building number of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	12343	
		Org or Institution Street Number	StrNumber	Street number of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	1234B	
		Org or Institution Street Name	StrName	Street name of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	100	No required format	Main Street	
		Org or Institution Address	Address	Vendor establishment address metadata (alternative to splitting the PO Box, Building Number, Street Number and Street Name into separate columns). Location information should be at the establishment level, not the firm level.	String	120	No required format	1235 Main Street	
		Org or Institution City	City	City of the subawardee establishment. Location information should be at the establishment level, not the firm level.	String	50	No required format	Pittsburgh	
		Org or Institution State	State	State of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	2	Standard 2-letter abbreviation	PA	
		Org or Institution Zip Code - Domestic	DomesticZipCode	US Zip Code of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	10	ZIP/Postal Code: ##### ##### #####	ZIP/Postal Code: 76442 76442-4321 764424321	
	Org or Institution Zip Code - Foreign	ForeignZipCode	Foreign Zip Code of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	20	No required format	04000		
	Org or Institution Country	Country	Country of subawardee establishment. Location information should be at the establishment level, not the firm level.	String	2	2 or 3-letter International Organization for Standardization (ISO) country code	US - United States GB - Great Britain		

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Object Codes	Ancillary table to describe the object coding in the employee, vendor and subaward transactional files	Object Code or Other Expense Category	ObjectCode		String	50	No required format	B3848.001	
		Object Code Description	ObjectCodeText	Internal organization object code or other expense type category assigned to transaction Text to describe the object coding	String	200	No required format	Faculty Salary Office Supplies	

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Organization Unit	Ancillary table to describe the campus and sub organization unit coding	Campus ID	CampusId	Campus identifier to which a transaction is assigned	String	30	No required format	11	
		Sub Organizational Unit	SubOrgUnit	Sub unit identifier to which a transaction is assigned. This unit should be at the college level, not at the level of individual departments.	String	30	No required format	15	
		Campus Name	CampusName	Name of Campus	String	200	No required format	University of Minnesota - Duluth Campus	
		Sub Organizational Unit Name	SubOrgUnitName	Name of the sub organizational unit	String	200	No required format	School of Arts and Sciences	

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency	
Award Identity	Unique identifiers for awards This file should include data that provides identification data for each award reported in the award expenditures file.	Unique Award Number	UniqueAwardNumber	Identifier specifying an award and its funding source, as defined by concatenating the 6-position funding source code—either the CFDA code or a Other Funding Source (OFS) 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) for federal or subawarded awards, or an internal award ID for non-federal awards—with a space in between the two numbers. This is the same key field as is used in the award transaction, vendor, employee, and subaward tables.	String	100	[Funding Source CFDA] [Award Identifier] ##.### Award Identifier	28.124 FSI1232 47.000 5644111 00.000 1246581 00.200 State Award 1 12.345 0 47.000 0		
		Prime Award Identifier	PrimeAwardId	The number or text representing the unique identifier assigned by the Prime Sponsor to a commitment of funds awarded for a specified time period for an awarded proposal.	String	100	No required format		111240587	
		Prime Award Title	PrimeAwardTitle	Formal name of the award that is provided by the prime, or originating, funder.	String	500	No required format		Quantum Nullifier Amplification	
		Prime Sponsor	PrimeSponsor	Name of the prime sponsoring federal agency, foundation, or private company originating this award. This should always be the original or "prime" funding agency. In the case of subawards it is the ultimate source of the funding, not the pass through organization(s) that funded the subaward.	String	200	No required format		National Science Foundation	
		Federal / Nonfederal Flag	FedFlag	An indicator flag of whether the award was funded by a federal agency or a nonfederal agency. In the case of subawards from pass through organizations the flag should reflect the original, prime status.	String	1	A single character: F= Federal, N=Nonfederal		F N	
		FAIN Number	FAIN	This is the Federal Award Identification Number assigned by the sponsoring federal agency if the award is federally funded. Leave blank (null) if no FAIN is available or if the award is nonfederal.	String	100	No required format		P375A081922	
		CFDA Code	CFDAcode	This is the Catalog of Federal Domestic Assistance (CFDA) number that designates the specific federal agency that funded the award. For federal awards, this code is assigned to the program by the sponsoring agency. For awards from nonfederal sources, this code should follow the Other Funding Source (OFS) coding convention as described in the award transaction file data dictionary. For subawards from pass-through entities for which the prime sponsor is a federal agency, this is the federal CFDA program number.	String	50	XX ABC 84.123		84.123 93.001	
		Prime / Subaward Flag	PrimeFlag	An indicator flag of whether the award is a prime award funded directly by a federal agency, foundation, or other source that is not a pass through organization. In the case of a pass through subaward the award should be flagged as a subaward.	String	1	A single character: P=Prime Award, S= Subaward		P S	
		Direct Sponsor	DirectSponsor	If it is a subaward, the name of the pass-through entity (e.g., university, foundation, or private company) that subcontracted to your university. If it is a prime award, leave this field null.	String	100	No required format		Nova University	
		Internal Award Identifier	InternalAwardId	The award identifier used across systems in your university used to track the award and its activities.	String	100	No required format			111240587
		Recipient Account Number	RecipientAccountNumber	The parent account used by your university to receive funds for this award. This may differ from the recipient account number provided in the award, employee, vendor, and subaward tables if "child" accounts are used in those tables.	String	50	No required format		R12345789	
		Internal Award Title	InternalAwardTitle	The title used in your university's internal systems for the award.	String	500	No required format		Practical Applications of Nullifer Technology	
		Campus	CampusId	The campus administering the award for your university	String	30	No required format		11, UMF, UMA, UMD	
		Sub-Organization Unit	SubOrgUnit	School, college, or unit administering the award for your university.	String	30	No required format			15
		Department	Dept	Department administering the award for your university.	String	100	No required format		Physics Department	
		Total Award Amount	TotalAwardAmt	Total estimated awarded amount across all years of this award.	Number	N/A	Dollar value - numeric without \$ sign or commas			1222.31
		Award Begin Date	AwardBeginDate	First day of sponsored funding period of this award across all years	Date	N/A	(YYYY-MM-DD)			10/1/2009
		Award End Date	AwardEndDate	Last day of sponsored funding period of this award across all years (could be in the future).	Date	N/A	(YYYY-MM-DD)		2009-10-01 2009-10-31	
		Prime Award PI First Name	PrimePIFirstName	The first name of the Contact PI or Project Director on the original prime award. (Leave blank (null) if not available).	String	100	No required format		Reed	
		Prime Award PI Last Name	PrimePILastName	The last name of the Contact PI or Project Director on the original prime award. (Leave blank (null) if not available).	String	100	No required format		Richards	
		Subrecipient PI First Name	SubPIFirstName	The first name of the principal investigator at your university for awards received from prime awardees. Leave blank (null) if not available or if the award is a prime award.	String	100	No required format		Anthony	
		Subrecipient PI Last Name	SubPILastName	The last name of the principal investigator at your university for awards received from prime awardees. Leave blank (null) if not available or if the award is a prime award.	String	100	No required format		Stark	
		Deidentified Employee Number of PI	DeidentifiedEmployeeIdNumber	Unique Employee ID (not Social Security Number) of the PI at your university: Prime PI if this is a Prime Award and Subrecipient PI if this is a subaward	String	100	No required format		E998811	
		ORCID ID of PI	OrcidID	The ORCID ID of the award PI. If the award is a prime award then the ORCID ID of the prime award PI. If the award is a subaward then the ORCID ID of the subaward PI at your university.	String	100	####-####-####-####		0000-0001-5000-0007	
		Co-I Flag	CoIFlag	An indicator flag of whether the award has co-investigators	String	1	A single character: Y=yes, N=no		Y	

Please provide a single record for each unique award that is reported in the award expenditures file.

IRIS-UMETRICS Data Dictionary

File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Award Co-Investigators	Co-Investigators This file should include names of Co- Investigators for each award flagged in the award identity file as having co-investigators	Internal Award Identifier	InternalAwardID	The award identifier used across systems in your university used to track the award and its activities	String	100	No required format	111240587	Please provide a distinct record for each co-investigator named on each award provided in the award identity table, using the same internal award identifier and title as provided in that table.
		Internal Award Title	InternalAwardTitle	The title used in your university's internal systems for the award.	String	500	No required format	Practical Applications of Nullifer Technology	
		Co-I First Name	CoFirstName	First name of this Co-Investigator	String	100	No required format	Alexandria	
		Co-I Last Name	CoLastName	Last name of this Co-Investigator	String	100	No required format	Ocasio-Cortez	
		Co-I Deidentified Employee Number	CoNumber	Unique Employee ID (not Social Security Number) of this investigator	String	100	No required format	G911123	
		Co-I Role	CoRole	The role of this person on this award	String	100	No required format	Co-Principal Investigator; Participating Investigator	
		Co-I Affiliation	CoAffiliation	The university that the Co-Investigator is affiliated with	String	100	No required format	University of Michigan	