

UMETRICS-IRIS Data Dictionary

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File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
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.	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.	Date	N/A	[YYYY-MM-DD]	2009-12-31	
		Funding Source Name	FundingSource	Funding source assigned to each project -- maps directly to funding code	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 STAR 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) or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source] [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	Research Institution's internal number for the award.	String	50	No required format	FS111222555	
		Award Title	AwardTitle	Title of Award	String	300	No required format	Collaborative Research: Empirical Analyses d	
		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 to which each award is assigned	String	30	No required format	11, UMF, UMA, UMD	
		Sub Organizational Unit	SubOrgUnit	Sub unit of university campus to which each award 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.	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.	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 STAR 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) or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source] [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	Research Institution's internal number for the award.	String	50	No required format	FS111222555	
		De-identified Employee ID Number	DeidentifiedEmployeeIdNumber	Unique Employee ID (not Social Security number) of grant funded personnel	String	50	No required format	E998811	
		SM Occupational Classification	OccupationalClassification	STAR METRICS occupational classification (If already star metrics participant please include this information.)	String	50	SM occupational classification (e.g. Faculty, Graduate Student, etc.)	Faculty	
		Job Title	JobTitle	Job / Occupation Title (text from HR system)	String	100			
		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	No required format	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	ProportionOfEarningsAllocatedToAward OR 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 (alternative to dob)	Numeric	N/A	Integer	1967	
		Employee Month of Birth	BirthMonth	Employee's month of birth (alternative to dob)	Numeric	N/A	Integer - 2 digit	12	

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File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Vendor	Vendor payments grouped by Vendor. For Institution Address, please use the address that shows up on the invoice assigned to each transaction.	Period Start Date	PeriodStartDate	The start date for the transaction.	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.	Date	N/A	(YYYY-MM-DD)	2009-10-01 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 STAR 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) or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source] [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	Research Institution's internal number for the award.	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 / Vendor ID	OrganizationID	Internal identifier specifying the organization or institution of the vendor organization.	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 charged to the award by 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 sub-recipient or vendor organization	String	200	No required format	FISCHER SCIENTIFIC	
		Org or Institution PO Box	POBox	PO Box number of institution	String	20	No required format	PO Box 4	
		Org or Institution Building Number	BldgNum	Building number of institution	String	20	No required format	12343	
		Org or Institution Street Number	StNumber	Street number of institution	String	20	No required format	1234B	
		Org or Institution Street Name	StName	Street name of institution	String	100	No required format	Main Street	
		Org or Institution Address	Address	Institution address metadata (alternative to splitting the PO Box, Building Number, Street Number and Street Name into separate columns)	String	120	No required format	1235 Main Street	
		Org or Institution City	City	City of the sub-recipient or vendor organization	String	50	No required format	Pittsburgh	
		Org or Institution State	State	State of sub-recipient or vendor organization	String	2	Standard 2-letter abbreviation	PA	
		Org or Institution Zip Code - Domestic	ZipCode	US Zip Code of sub-recipient or vendor organization	String	10	ZIP/Postal Code: ##### ##### #####	76442 76442-4321 764424321	
Org or Institution Zip Code - Foreign	ZipCode	Foreign Zip Code of sub-recipient or vendor organization	String	20	No required format	04000			
Org or Institution Country	Country	Country of sub-recipient or vendor organization	String	2	2 or 3-letter International Organization for Standardization (ISO) country code	US - United States GB - Great Britain			

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File	File Description	Data Element	Data Element Name	Definition	Type	Length	Format	Examples	Frequency
Sub-Award	Sub-Award Payments grouped by Sub-Award Recipient. For Institution Address, please use the address that shows up on the invoice assigned to each transaction.	Period Start Date	PeriodStartDate	The start date for the transaction.	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.	Date	N/A	(YYYY-MM-DD)	2009-10-01 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 STAR 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) or an internal award ID for non-federal awards—with a space in between the two numbers.	String	100	[Funding Source] [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	Research Institution's internal number for the award.	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 organization or institution of the sub-recipient organization.	String	50	No required format		
		Sub-Award Recipient EIN Number	EIN	The Sub-Recipient's 9 digit EIN number.	String	10		EIN: 123456789	
		Sub Award DUNS number	DUNS	The Sub Award's DUNs number	string	15	##-###-####	12-345-6789	
		Sub-Award Payment Amount	SubAwardPaymentAmount	The funds charged to the award by the sub-awardee in specified period.	Number	N/A	Dollar value - numeric without \$ sign or commas	1222.31	
		Org or Institution Name	OrgName	Name of the sub-recipient or vendor organization	String	200	No required format	FISCHER SCIENTIFIC	
		Org or Institution PO Box	POBox	PO Box number of institution	String	20	No required format	PO Box 4	
		Org or Institution Building Number	BldgNum	Building number of institution	String	20	No required format	12343	
		Org or Institution Street Number	StNum	Street number of institution	String	20	No required format	1234B	
		Org or Institution Street Name	StName	Street name of institution	String	100	No required format	Main Street	
		Org or Institution Address	Address	Institution address metadata (alternative to splitting the PO Box, Building Number, Street Number and Street Name into separate columns)	String	120	No required format	1235 Main Street	
		Org or Institution City	City	City of the sub-recipient or vendor organization	String	50	No required format	Pittsburgh	
		Org or Institution State	State	State of sub-recipient or vendor organization	String	2	Standard 2-letter abbreviation	PA	
		Org or Institution Zip Code - Domestic	ZipCode	US Zip Code of sub-recipient or vendor organization	String	10	ZIP/Postal Code: ##### ##### #####	ZIP/Postal Code: 76442 76442-4321 764424321	
Org or Institution Zip Code - Foreign	ZipCode	Foreign Zip Code of sub-recipient or vendor organization	String	20	No required format	04000			
Org or Institution Country	Country	Country of sub-recipient or vendor organization	String	2	2 or 3-letter International Organization for Standardization (ISO) country code	US - United States GB - Great Britain			

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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	Large infrastructure project	

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 that each project is assigned to	String	30	No required format	11	
		Sub Organizational Unit	SubOrgUnit	Sub unit of university campus to which each project 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	