

# Recovery.gov REST API Documentation

Version 1.0.0

## Arguments

<b>award_type</b>	Accepts values C (for Contracts), G (for Grants) and L (for Loans). For multiple values enter comma separated values.
<b>recipient_name</b>	Name of the award recipient entity.
<b>pop_postal_cd</b>	Place of Performance Zip Code.
<b>pop_state_cd</b>	Place of Performance State Code e.g. MD, VA (for selecting MD or VA)
<b>pop_congressional_district</b>	Place of Performance Congressional District. This is a two digit value. To ensure accurate results, the user should ensure a valid state code value in the pop_state_cd field.
<b>recipient_state</b>	Recipient state location e..g. FL (for a recipient with headquarters in the State of Florida).
<b>funding_agency_code</b>	Code for the funding agency e.g. US Department of Agriculture is 1200. Click here for a list of valid values. [Comment – by clicking the list the user should be directed to <a href="https://www.federalreporting.gov/federalreporting/agencyCodes.do?">https://www.federalreporting.gov/federalreporting/agencyCodes.do?</a> ].
<b>awarding_agency_code</b>	Code for the funding agency e.g. US Department of Agriculture is 1200. Click here for a list of valid values. [Comment – by clicking the list the user should be directed to <a href="https://www.federalreporting.gov/federalreporting/agencyCodes.do?">https://www.federalreporting.gov/federalreporting/agencyCodes.do?</a> ].
<b>award_amount</b>	Total Award Amount. One can enter a range of values by using a syntax like “[bt]0,1000000” if you are looking for awards between \$0 and \$1 million.
<b>project_status</b>	Completion status of the project. Options for selection: 1: Not started; 2: Less than 50% completed; 3: Completed 50% or more; 4: Fully Completed.
<b>award_date</b>	Date of the Award. You may specify a date range by using a syntax like “[bt]01/01/2010,06/30/2010”.
<b>award_number</b>	The Recovery Act Award Number. Depending on the recipient_role value this could be the Prime Award Number or the Sub-award Number.
<b>recipient_duns_number</b>	The Recipient DUNS number. Depending on the recipient_role value this could be either a Prime recipient or Sub-recipient or both (if the recipient_role value is left blank).
<b>calendar_year</b>	Calendar Year within which the recipient report was submitted e.g. 2009.
<b>calendar_qtr</b>	Calendar Quarter within which the recipient report was submitted. Valid values are 1,2,3,4.
<b>cumulative_quarterly_flag</b>	This flag allows the user to specify if they want Cumulative (Recovery Act Till Date) information or if they want just the specified quarter and year related reports. For cumulative results specify 1, for quarterly specify 2.

<b>cfda_code</b>	Name of the CFDA code for a given Grants Program. For a list of valid values, visit <a href="https://www.federalreporting.gov/federalreporting/cfdaCodes.do">https://www.federalreporting.gov/federalreporting/cfdaCodes.do</a> .
<b>recipient_role</b>	The type of recipient being searched i.e. Prime Recipient (P), Sub-Recipient (S), Prime Recipient Vendor (PV) or Sub-recipient Vendor (SV).
<b>Start</b>	Specify the row number at which the data call should start. This field helps in looping through record sets thereby allowing the effective retrieval of a large set of records.
<b>number_of_entries</b>	Specify the number of records you want to retrieve. The default value is set to 1,000 records. Max return number of records is 1,000.
<b>level_of_details</b>	Specify the level of details of the records you want to retrieve. If value is 'all', returns all available fields in the database.

Logical operations for the input parameters:

<b>[in]</b>	Specifies a list filter. Example: recipient_state=[in]VA,MD,CA
<b>[lk]</b>	Specifies a string "like" operation. Example recipient_name=[lk]Smart
<b>[gt]</b>	Greater than. Example: [gt]Z
<b>[lt]</b>	Less than . Example: [lt]3000
<b>[eq]</b>	Equals to. Example: [eq]1200
<b>[bt]</b>	Between two values inclusive. Example: [bt]2010-10-10,2010-12-12
<b>[ct]</b>	Contains substring. Example: [ct]renting

### Input parameter/operator defaults

#### Default values:

calendar\_year: current reporting period calendar year  
calendar\_quarter: current reporting period calendar quarter  
cumulative\_quarterly\_flag: 1  
start: 1  
number\_of\_entries: 300

#### Default operators:

recipient\_name, award\_number: [lk]. Example: recipient\_name=Smart ⇔ recipient\_name=[lk]Smart

project\_recipient\_state\_code,pop\_state\_,award\_type,cfda\_number,awarding\_agency\_cd,funding\_agency\_cd:  
[in]. Example: award\_type=L,G ⇔ award\_type=[in]L,G

All other operator default to be [eq]. Example: award\_date=2010-01-23 ⇔ award\_date=[eq]2010-01-23

## XML Output Definition (per record)

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
award_key		A derived field that identifies an Award. This field is derived using a distinct combination of the following component fields: Award_type, Prime_DUNS, Award_id and Order_number	P, S
recipient_role		Indicates the type of recipient: P-prime recipient, S-sub-recipient, and PV-Vendor to Prime recipient or SV-Vendor to Sub-recipient	P, S, V
agency_reviewed_flag		Indicator for Y/N – yes would indicate the agency review has been done in the 22-29 day phase. This flag is used in combination with the correction flag	P, S
prime_reviewed_flag		Indicator for Y/N – yes would indicate the prime recipient review has been done in the 11-21 day phase. This flag is used in combination with the correction flag	P, S
funding_agency_cd	Funding Agency Code	A numeric code of federal agency responsible for funding/distributing the Recovery funds to recipients.	P, S
funding_agency_name	Funding Agency Name	The Federal Agency name corresponding to the Federal Agency Code used.	P, S
awarding_agency_cd	Awarding Agency Code	Numeric code of the agency that awarded and is administering the award on behalf of the funding agency.	P, S
awarding_agency_name	Awarding Agency Name	The Federal Agency Name corresponding to the Awarding agency code used.	P, S
funding_tas	Program Source (TAS)	The Agency Treasury Account Symbol (TAS) that identifies the funding Program Source. The Program Source is based out of the OMB TAS list.	P, S
tas_sub_account		The TAS subaccount code related to the agency. This is an optional field.	P, S
calendar_year		The calendar year of the report.	P, S, V
calendar_qtr		The calendar quarter of the report.	P, S, V
recipient_duns_number	Prime recipient: Recipient DUNS Number  Sub-recipient: Sub recipient DUNS Number	The recipient DUNS number	P,S,V

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
	Vendor: Vendor DUNS number		
recipient_name	Prime recipient: Recipient Legal Name Sub-recipient: Sub recipient Legal Name Vendor: Vendor name	The name of the recipient as listed in CCR.	P,S,V
recipient_zip_code	Prime recipient: Recipient zip code Sub-recipient: Sub recipient zip code Vendor: Vendor HQ zip code	Zip code of the recipient.	P,S,V
recipient_state	Prime recipient: Recipient state code Sub-recipient: Sub recipient state code	The 2 character state code of the recipient.	P,S
award_number	Award Number Vendor: Award Number – Prime Recipient Vendor	The federal contract number, grant number, or loan number assigned by the awarding federal agency. <b>Grants and Loans Only:</b> Identifying Number Assigned by the Prime recipient	P, S, V
order_number	Order Number	Identifying number assigned to the contract.	P
sub_award_number	Sub recipient: Subaward Number Vendor: Subaward Number – Sub-recipient Vendor	Sub-award number or other identifying number assigned by the recipient. <b>Grants and Loans Only:</b> Award Number or other identifying number assigned by the sub-recipient.	S, V
cfda_number	CFDA Number	The Catalog of Federal Domestic Number is the number associated with the published description of Federal Assistance program in the CFDA. <b>Applies only to Grants and Loans</b>	P
cfda_title	Short Description of CFDA Code	Applies only to Grants and Loans.	
recipient_cong_dist	Prime recipient: Recipient Congressional District Sub recipient: Sub recipient Congressional District	The recipient’s congressional district.	P,S
final_report		Indicator for Y/N – An indicator to show the status as final report. Y indicates that this is the final report	P, S

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
		and there will be no further quarterly reports.	
award_type	Award Type	Indicates C-Contracts, G-Grants, L-Loans	P
award_date	Prime recipient: Award Date Sub recipient: Sub award Date	The date when the award is signed.	P, S
award_description	Award Description Vendor: Product or Service Description	<b>For Contracts</b> – The description of the overall purpose and expected outcomes, or results of the contract funded by the Recovery Act including significant deliverables and associated unites of measure if applicable. <b>For Grants and Loans</b> – Award title and description with purpose of each funding action if any. The description should capture the overall purpose of the award. For example, “community development,” “comprehensive community mental health services to adults with a serious mental illness,” etc.	P, S,V
award_amount	Prime recipient: Amount of Award Sub recipient: Amount of Sub award Vendor: Payment Amount	The award_amount field in the National and State Summary files contains the amount of the award as issued by the Federal agency to the Prime recipient; the field is blank for sub-recipients and vendors. <b>For Grants:</b> The total amount of Federal dollars on the award. <b>For Loans:</b> The total amount of the loan obligated by the Federal Agency. This is the face value of the loan. <b>For Federally Awarded Contracts:</b> The total amount obligated by the Federal Agency.  The award_amount field in the National Change History and Late Reporters Files, contains the following values depending on the recipient role.  Prime recipient: Amount of Award Sub recipient: Amount of Sub award Vendor: Payment Amount	P,S,V
local_amount		Prime recipient: Amount accrued to Prime only (Total Amount of Award – Sum of Awards to Sub-recipients) Sub recipient: Amount of Sub award Vendor: Payment Amount The local_amount field is only available in the	P, S,V

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
		National and State Summary files.	
project_name	Project Name or Project/Program Title	The brief descriptive title of the project or activity funded in whole or in part with Recovery Act funds. <b>Applies only to Grants and Loans</b>	P, S
project_description	Quarterly Activities/Project Description	<p><b>For Grants and Loans</b> A description of the overall purpose and expected outputs and outcomes or results of the award and first-tier Subaward(s), including significant deliverables and, if appropriate, units of measure. For an award that funds multiple projects such as a formula block grant, the purpose and outcomes or results may be stated in broad terms.</p> <p><b>For Federally Awarded Contracts</b> A description of all significant services performed/supplies delivered, including construction, for which the prime contractor invoiced in this calendar quarter.</p>	P, S
project_status	Project Status	Evaluation of the completion status of the project, activity or contract. 1 – not started, 2 – less than 50% completed, 3 – completed 50% or more, 4 – Fully completed.	P, S
job_creation	Description of Jobs Created	A narrative description of the employment impact of the recovery act funded work.	P
number_of_jobs	Number of Jobs	Jobs reported by prime recipient.	P
total_fed_arra_received	Prime recipient: Total Federal Amount ARRA Funds Received/Invoiced  Sub-recipient: Total Subaward Funds Disbursed	<p><b>For Grants and Loans:</b> The amount of Recovery Act funds received through draw-down, reimbursement or invoice.</p> <p><b>For Federally Awarded Contracts:</b> The amount of Recovery Act funds invoiced by the federal contractor (cumulative).</p>	P,S
total_fed_arra_exp	Prime recipient: Total Federal Amount of ARRA Expenditure  Sub-recipient: Total Subaward Funds Disbursed	<p><b>Grants and loans only (for Prime recipients).</b> Amount of recovery funds received that were expended to projects or activities (“Federal Share of Expenditures”). The cumulative total for the amount of Federal fund expenditures. For reports prepared on a cash basis, expenditures are the sum of cash disbursements for direct charges for property and services; the amount of indirect expense charged; the value of third-party in-kind contributions applied; and the amount of cash advance payments and payments made to subcontractors and Subawardees. For reports prepared on an accrual basis, expenditures are the sum of cash disbursements for direct charges for property and services; the amount of indirect expense incurred; the value of in-kind contributions applied; and the net increase or decrease in the</p>	P,S

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
		<p>amounts owed by the recipient for (1) goods and other property received; (2) services performed by employees, contractors, subcontractors, Subawardees, and other payees; and (3) programs for which no current services or performance are required. Program income expended not included.</p> <p><b>For Grants and Loans Only (for Sub-recipients)</b> Amount of Subaward Disbursed. The cumulative amount of cash disbursed to the sub-awardee as of the reporting period end date.</p>	
total_infrastructure_exp	Total Federal ARRA Infrastructure Expenditure	<p><b>Grants and loans only</b> Total Federal ARRA infrastructure expenditure.</p>	P
infrastructure_rationale	Infrastructure Purpose and Rationale	<p><b>Grants and loans only</b> Purpose and rationale of funds received for infrastructure investment with funds made available under the Recovery Act. Identify the purpose and explain how the infrastructure investment will contribute to one or more purposes of the Recovery Act: Purposes: (1) To preserve and create jobs and promote economic recovery. (2) To assist those most impacted by the recession. (3) To provide investments needed to increase economic efficiency by spurring technological advances in science and health. (4) To invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits. (5) To stabilize State and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases.</p>	P
pop_st_address	<p>Prime recipient: Primary Place of Performance – Street Address</p> <p>Sub-recipient: Sub recipient Primary Place of Performance – Street Address</p>	Recipient primary place of performance – physical location of primary place of performance, comma-delimited address	P,S
pop_state_cd	<p>Prime recipient: Primary Place of Performance – State</p> <p>Sub-recipient: Sub recipient Place of Performance – State</p>	Recipient primary place of performance – physical location of primary place of performance – 2 character state code	P,S

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
pop_country_cd	Prime recipient: Primary Place of Performance – Country  Sub-recipient: Sub recipient Place of Performance – Country	Recipient primary place of performance – physical location of primary place of performance – country of performance	P,S
pop_city	Prime recipient: Primary Place of Performance – City  Sub-recipient: Sub recipient Place of Performance – City	Recipient primary place of performance – physical location of primary place of performance – city name	P,S
pop_postal_cd	Prime recipient: Primary Place of Performance – Zip code + 4  Sub-recipient: Sub recipient Place of Performance – Zip code + 4	Recipient primary place of performance – physical location of primary place of performance – 5 or 9 digit postal zip code	P,S
pop_cong_dist	Prime recipient: Primary Place of Performance – Congressional District  Sub-recipient: Sub recipient Place of Performance – Congressional District	Recipient primary place of performance – physical location of primary place of performance – congressional district number	P,S
recipient_highcomp_rpt_app_flag	Prime recipient: Prime Recipient indication of reporting applicability  Sub recipient: Sub Recipient indication of reporting applicability	Y/N indicator for required reporting.	P,S
recipient_officer_name	Prime recipient: Prime Recipient Highly Compensated Name (5)  Sub recipient: Sub Recipient Highly Compensated Name (5)	Names of each of the five most highly compensated offices of the recipient for the calendar year in which the award is awarded based on parameters available on federalreporting.gov; comma-delimited list of officer names	P,S
recipient_officer_totalcomp	Prime recipient: Prime Recipient Highly Compensated Compensation (5) (Conditional)  Sub recipient: Sub Recipient Highly Compensated Compensation (5)	Total compensation highly compensated individual; comma-delimited list of up to five reported total compensation	P,S



XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
	(Conditional)		
total_number_small_subaward	Total Number of Sub-awards less than \$25,000/award	Total number of sub-awards less than \$25,000/award	P
total_amount_small_subaward	Total Number of Sub-awards less than \$25,000/award	Total amount of sub-awards less than \$25,000/award for the reporting quarter	P
total_number_small_subaward_indiv	Total Number of Sub-awards to Individuals	Total number of sub-awards to individuals	P
total_amount_small_subaward_indiv	Total Number of Sub-awards to Individuals	Total amount of sub-awards to individuals	P
total_number_small_subaward_vend	Total Number of Payments to vendors less than \$25,000/award	Total number of payments to vendors less than \$25,000/award.	P
total_amount_small_subaward_vend	Total Amount of payments to vendors less than \$25,000/award	Total amount of payments to vendors less than \$25,000/award for the reporting quarter.	P
govt_contract_office_cd	Government Contracting Office Code	The agency supplied code of the contracting office that executes the transaction	P
govt_contract_office_name	Government Contracting Office Name	The agency supplied name of the contracting office that executes the transaction	P
infrastructure_contact_name	Infrastructure Contact Name	<b>Grants and loans only</b> Name, phone number, address and email address of the appropriate contact.	P
infrastructure_contact_email	Infrastructure Contact Email	<b>Grants and loans only</b> Email of appropriate contact	P
infrastructure_contact_phone	Infrastructure Contact Phone	<b>Grants and loans only</b> Phone number of appropriate contact	P
infrastructure_contact_phone_ext	Infrastructure Contact Extn	<b>Grants and loans only</b> Phone number extension of appropriate contact	P
infrastructure_st_address	Infrastructure Contact Street Address	<b>Grants and loans only</b> Address of Infrastructure contact; comma delimited address	P
infrastructure_city	Infrastructure Contact City	<b>Grants and loans only</b> City of Infrastructure contact	P
infrastructure_state_cd	Infrastructure Contact State	<b>Grants and loans only</b> State code of Infrastructure contact	P
infrastructure_postal_cd	Infrastructure State/Local Contact Zip Code + 4	<b>Grants and loans only</b> Postal/zipcode of Infrastructure contact	P
activity_code	Activity Code (NAICS or NTEE-NPC)	<b>For Federally Awarded Contracts:</b> Enter the 6-digit North American Industry Classification System (NAICS) code found in the solicitation/contract.	P

XML Element	FederalReporting.gov Data Dictionary Field (where applicable)	Field Description	Applicable to Prime, Sub, or Vendor
		<p><b>For Grants and Loans:</b> For awards primarily funding infrastructure projects, enter the North American Industry Classification System (NAICS) code(s) that describe the Recovery Act projects or activities under this award. A searchable code list is at <a href="http://www.census.gov/naics/">http://www.census.gov/naics/</a>.</p> <p>For all other awards, provide the National Center for Charitable Statistics "NTEE-NPC" code(s) that describe the Recovery Act projects or activities under this award. A searchable code list is at <a href="http://nccsdataweb.urban.org/PubApps/nteeSearch.php?gQry=all-core&amp;codeType=NPC">http://nccsdataweb.urban.org/PubApps/nteeSearch.php?gQry=all-core&amp;codeType=NPC</a>.</p> <p>This is a comma-delimited list of up to 10 Activity codes as reported by the recipient.</p>	
activity_description	Description of the Activity Code for NAICS or NTEE-NPC.		P
pop_latitude		Inferred geo-code based on place of performance; available only in National Summary files	P,S
pop_longitude		Inferred geo-code based on place of performance; available only in National Summary files	P,S
vendor_duns	Vendor DUNS Number	<p><b>For Grants and Loans Only:</b> Vendor DUNS Number. The vendor's 9 digit Data Universal Numbering System (DUNS) number. This is an optional field.</p>	V