



City of Phoenix

HUMAN SERVICES DEPARTMENT

Emergency Rental Assistance (CRF ERA) Web API

The SOAP-based web API has been provided to assist City of Phoenix Human Services' partner agencies in determining whether a household has received Coronavirus Relief Fund ERA assistance at one of the City's Family Service Centers or has booked an appointment. Agency staff processing client applications will use this information to prevent duplication of services among other requirements set by the ERA grant.

Agencies can program their systems to call the web API and retrieve the information. The API accepts household address and applicant name, queries City of Phoenix Human Services' case management database, and returns one row per matched address and member. For data security reasons, the API will not return more than 25 rows per request.

Each request shall include pass key for authentication and only requests from whitelisted IP addresses are allowed. For audit purposes, the ERA Web API will maintain an audit trail for every request by logging user details, date & time, IP address, request and their downloaded record count.

URLs:

Live: will be provided

Test:

<https://hsdcmsqa.phoenix.gov/DES/Webservices/ExternalServices.asmx/GetERADData?Passphrase=WillBeProvided&AddressNumber=&StreetName=&ApplicantLastName=&ApplicantFirstName=&StreetPrefix=&StreetType=&UnitType=&UnitNumber=&City= &State= &ZIPCode=&Email=>

Protocols Accepted: HTTP POST, HTTP GET

Input Parameters (optional unless marked required):

<Passphrase>...will be provided...</ Passphrase > (* required)

<AddressNumber>integer</AddressNumber> (* required if Email not specified, exact match)

<StreetName>string</StreetName> (* required if Email not specified, like match)

<StreetPrefix>string</StreetPrefix>

<StreetType>string</StreetType>

<UnitType>string</UnitType>

<UnitNumber>string</UnitNumber>

<City>string</City>

<State>string</State>

<ZipCode>string</ZipCode>

<ApplicantLastName>string</ApplicantLastName>

<ApplicantFirstName>string</ApplicantFirstName>

<Email>string</Email> (* required if AddressNumber and StreetName not specified)



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Output in XML-formatted JSON:

```
<string xmlns="https://hsdcmsqa.phoenix.gov/GetERAData">
{
  "Return": {"ReturnCode": 0 or -1, "RowCount": integer, "ReturnMessage": string},
  "Results": [{"PersonName":string, "PersonStreetPrefix":string,
  "PersonStreetNumber":string, "PersonStreetName":string, "PersonStreetType":string,
  "PersonUnitType":string, "PersonUnitNumber":string, "PersonCity":string,
  "PersonState":string, "PersonZip":string, "ReceivedERA":string (Y/N),
  "HasAppointment":string (Y/N), "AppointmentDate":string},] ,
  "ServiceListing": [{
    "ApplicantName": "string,
    "ServiceDate": datetime
    "ServiceType": string,
    "Vendor": string
    "ServiceAmount": decimal,
    "TotalMonthsPaid": integer,
    "ForwardMonthPayments": integer,
    "ArrearsMonthPayments": integer
  }]
}
</string>
```

Return (from output JSON):

ReturnCode: 0 = Success, -1 = Error (incorrect pass phrase, missing required fields, etc)

RowCount: # of rows matched, but note that only 25 rows will be returned

ReturnMessage: error message when code is -1 or when more than 25 rows matched

Results (from output JSON):

For a matched address and household and/or email address, an array with each household member last and first name, address fields, Yes/No for whether the member has received ERA funded-service in past, Yes/No for whether the member has upcoming appointment and if yes, the appointment date. For each client, the service details for their ERA services are returned. This includes their name, the date and time of service, the type of service (rent, utility, etc), the dollar amount of the services provided, the number of months the service paid for, and then the number of months broken down into how many forward months were covered and how many back months the service amount covered.

Address Abbreviations:

For codes to pass for street prefix/direction (ex: E, W), street type (ex: RD, CIR), unit type (ex: APT, STE), please see ERA Web API Address Codes.xlsx



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Sample input and output to inquire ERA payments made to an individual residing at 100 Main St., with last name beginning in B. The address happens to be for an apartment building. The results show three individuals residing in different units with last name starting with B who received ERA assistance and/or has an upcoming appointment at a Family Services Center:

=====

<https://hsdcmsqa.phoenix.gov/DES/Webservices/ExternalServices.asmx/GetERADData?Passphrase=????????????&AddressNumber=100&StreetName=Main&ApplicantLastName=B&ApplicantFirstName=&StreetPrefix=&StreetType=&UnitType=&UnitNumber=&City=PHOENIX&State=AZ&ZipCode=&Email=>

```
<string xmlns="https://hsdapps.phoenix.gov/GetERAData">
{
  "Return": {
    "ReturnCode": 0,
    "RowCount": 3,
    "ReturnMessage": ""
  },
  "Results": [
    {
      "PersonName": "JOHN BAKER", "PersonStreetPrefix": "N ", "PersonStreetNumber": "100",
      "PersonStreetName": "MAIN", "PersonStreetType": "ST ", "PersonUnitType": "APT ",
      "PersonUnitNumber": "2145", "PersonCity": "PHOENIX", "PersonState": "AZ", "PersonZip": "85003",
      "ReceivedERA": "N", "HasAppointment": "Y", "AppointmentDate": "2021-10-11T00:00:00"
    },
    {
      "PersonName": "MARY BREWER", "PersonStreetPrefix": "N ", "PersonStreetNumber": "100",
      "PersonStreetName": "MAIN", "PersonStreetType": "ST ", "PersonUnitType": "APT ",
      "PersonUnitNumber": "1113", "PersonCity": "PHOENIX", "PersonState": "AZ", "PersonZip": "85003",
      "ReceivedERA": "Y", "HasAppointment": "N", "AppointmentDate": null
    },
    {
      "PersonName": "JEFFREY BROWN", "PersonStreetPrefix": "N ", "PersonStreetNumber": "100",
      "PersonStreetName": "MAIN", "PersonStreetType": "ST ", "PersonUnitType": "APT ",
      "PersonUnitNumber": "3217", "PersonCity": "PHOENIX", "PersonState": "AZ", "PersonZip": "85003",
      "ReceivedERA": "Y", "HasAppointment": "Y", "AppointmentDate": "2021-10-12T00:00:00"
    }
  ],
  "ServiceListing": [{
    "ApplicantName": "MARY BREWER",
    "ServiceDate": "2021-04-13T16:31:26.887",
    "ServiceType": "Rent Payment - Eviction Prevention",
    "Vendor": "VASEO AFFORDABLE PARTNERS, LP",
    "ServiceAmount": 2553.00,
    "TotalMonthsPaid": 3,
    "ForwardMonthPayments": 3,
    "ArrearsMonthPayments": 0
  }, {
    "ApplicantName": "JEFFREY BROWN",
    "ServiceDate": "2021-09-24T10:16:22.145",
```



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```
"ServiceType": " Rent Payment - Eviction Prevention ",  
"Vendor": "LUXOR LLC",  
"ServiceAmount": 12055.00,  
"TotalMonthsPaid": 8,  
"ForwardMonthPayments": 3,  
"ArrearsMonthPayments": 5  
}, {  
  "ApplicantName": "JEFFREY BROWN",  
  "ServiceDate": "2021-09-24T10:16:22.145",  
  "ServiceType": "Utility Payment",  
  "Vendor": "APS CORPORATE OFFICE",  
  "ServiceAmount": 685.43,  
  "TotalMonthsPaid": 8,  
  "ForwardMonthPayments": 3,  
  "ArrearsMonthPayments": 5  
}  
]  
}  
</string>
```
