
ZipTax Documentation

Release 2.0

Zip-Tax.com

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By providing as little as a zip code, we can determine the sales tax rates for your customers in their specific geographical area. In most states, sales tax rates change many times throughout the year. Our service provides you with a method to get this information quickly and easily and with no maintenance. The ZipTax team is dedicated to providing you with the critical up-to-date information you need so you can focus on the important parts of your business.

Our Zip-Tax.com API is designed to allow programmers to submit a request to our servers from a website or application and retrieve response data from our databases. The format of the response can be returned as **JSON** or **XML**. Simply pass the desired format as part of the request. Zip-Tax.com works by submitting geographic information such as city, state, and zip code from your application or website. This data is used determine the correct sales tax information matching the provided location. Our service then returns that information to your application or website.

Getting Started

The [Zip-Tax.com](#) sales tax API uses standard Representational State Transfer (**REST**) principles for maximum flexibility with a wide range of program languages.

To get started, simply follow this documentation to build a request using the [Zip-Tax.com Request URL](#), parse the *API Response* to validate the response codes, and use the API results in your application.

For questions or comments about this documentation, please contact us at support@zip-tax.com.

Request URL

The API request URL is used to form your request to the API from your application.

Note: Please consult the documentation for your application language for making HTTP requests.

Base URL

The base request URL consists of three parts.

Subdomain	api.zip-tax.com
Action	/request
Version	/v20

These three parts form the basic URL for the API request:

```
http://api.zip-tax.com/request/v20
```

Complete Request URL

The Zip-Tax.com API URL consists of the following GET Request parameters which are used in the request.

key	required	You account API key
postal code	required	The 5 digit postal code. <i>NOTE: Include leading zeros</i>
state	optional	The 2 letter state code. <i>Example: CA for California</i>
city	optional	The full city name
format	optional	The return format. Valid formats are JSON or XML. <i>Default: JSON</i>

Here is a sample of a fully formatted URL used in the request:

```
http://api.zip-tax.com/request/v20?key=1234567890&postalcode=90265&state=CA&format=JSON
```

Use this url to make an HTTP GET request to the API.

Check out the *API Response* documentation to learn more about the API response format.

API Response

Response Values

The API can be delivered in both JSON and XML formats by passing the desired format in the request. The API response will return a response code along with the API result set.

version	The API version string [v10 or v20]
rCode (json) or code (xml)	The request response code
message	Special service messages [deprecated]
results (json) or response (xml)	The API result set

Response Codes

This table represents the response codes [**rCode (json) or code (xml)**] returned from the API.

Note: The response codes are specific to the request and the response. The response codes do not correspond to the result set.

100	SUCCESS	Successful API Request
101	INVALID_KEY	Key format is not valid
102	INVALID_STATE	State format is not valid
103	INVALID_CITY	City format is not valid
104	INVALID_POSTAL_CODE	Postal code format is not valid
105	INVALID_FORMAT	Query string format is not valid

Response Results

geoPostalCode	Requested postal code	all versions
geoCity	City	all versions
geoCounty	County	all versions
geoState	State	all versions
taxSales	Total sales tax	all versions
taxUse	Total use tax	all versions
txbService	Taxable service (values: null,Y,N,L)	all versions
txbFreight	Taxable freight (values: null,Y,N)	all versions
stateSalesTax	Portion of total sales tax from the state level	v20 only
stateUseTax	Portion of total use tax from the state level	v20 only
citySalesTax	Portion of total sales tax from the city level	v20 only
cityUseTax	Portion of total use tax from the city level	v20 only
cityTaxCode	Applicable city tax code	v20 only
countySalesTax	Portion of total sales tax from the county level	v20 only
countyUseTax	Portion of total use tax from the county level	v20 only
countyTaxCode	Applicable county tax code	v20 only
districtSalesTax	Portion of total sales tax from the district level	v20 only
districtUseTax	Portion of total use tax from the district level	v20 only

JSON Sample Response

```
{
  version: "v20",
  rCode: 100,
  results: [{
    geoPostalCode: "90265",
    geoCity: "MALIBU",
    geoCounty: "LOS ANGELES",
    geoState: "CA",
    taxSales: 0.090000003576279,
    taxUse: 0.090000003576279,
    txbService: "N",
    txbFreight: "N",
    stateSalesTax: 0.064999997615814,
    stateUseTax: 0.064999997615814,
    citySalesTax: 0,
    cityUseTax: 0,
    cityTaxCode: "",
    countySalesTax: 0.0099999997764826,
    countyUseTax: 0.0099999997764826,
    countyTaxCode: "19",
    districtSalesTax: 0.014999999664724,
    districtUseTax: 0.014999999664724
  },
  {
    geoPostalCode: "90265",
    geoCity: "PT DUME",
    geoCounty: "LOS ANGELES",
    geoState: "CA",
    taxSales: 0.090000003576279,
    taxUse: 0.090000003576279,
    txbService: "N",
```

```

    txbFreight: "N",
    stateSalesTax: 0.064999997615814,
    stateUseTax: 0.064999997615814,
    citySalesTax: 0,
    cityUseTax: 0,
    cityTaxCode: "",
    countySalesTax: 0.009999997764826,
    countyUseTax: 0.009999997764826,
    countyTaxCode: "19",
    districtSalesTax: 0.01499999664724,
    districtUseTax: 0.01499999664724
  }
}

```

XML Sample Response

```

<?xml version="1.0" encoding="UTF-8" ?>
<ziptax>
  <version>v20</version>
  <code>100</code>
  <message></message>
  <response>
    <geoPostalCode>90265</geoPostalCode>
    <geoCity>MALIBU</geoCity>
    <geoCounty>LOS ANGELES</geoCounty>
    <geoState>CA</geoState>
    <taxSales>0.090000003576279</taxSales>
    <taxUse>0.090000003576279</taxUse>
    <txbService>N</txbService>
    <txbFreight>N</txbFreight>
    <stateSalesTax>0.064999997615814</stateSalesTax>
    <stateUseTax>0.064999997615814</stateUseTax>
    <citySalesTax>0</citySalesTax>
    <cityUseTax>0</cityUseTax>
    <cityTaxCode></cityTaxCode>
    <countySalesTax>0.009999997764826</countySalesTax>
    <countyUseTax>0.009999997764826</countyUseTax>
    <countyTaxCode>19</countyTaxCode>
    <districtSalesTax>0.01499999664724</districtSalesTax>
    <districtUseTax>0.01499999664724</districtUseTax>
  </response>
  <response>
    <geoPostalCode>90265</geoPostalCode>
    <geoCity>PT DUME</geoCity>
    <geoCounty>LOS ANGELES</geoCounty>
    <geoState>CA</geoState>
    <taxSales>0.090000003576279</taxSales>
    <taxUse>0.090000003576279</taxUse>
    <txbService>N</txbService>
    <txbFreight>N</txbFreight>
    <stateSalesTax>0.064999997615814</stateSalesTax>
    <stateUseTax>0.064999997615814</stateUseTax>
    <citySalesTax>0</citySalesTax>
    <cityUseTax>0</cityUseTax>
    <cityTaxCode></cityTaxCode>
    <countySalesTax>0.009999997764826</countySalesTax>
  </response>
</ziptax>

```

```
<countyUseTax>0.009999997764826</countyUseTax>
<countyTaxCode>19</countyTaxCode>
<districtSalesTax>0.01499999664724</districtSalesTax>
<districtUseTax>0.01499999664724</districtUseTax>
</response>
</ziptax>
```