

# zipwise web services

zipwise.com/webservices

Method: **distance**

Descriptions: Returns the Great Circle distance between the approximate geographic centers of two ZIP codes in miles.

Rev. 2015-10

## XML

If you prefer XML, the following request, replacing YOUR\_API\_KEY with the key provided:

```
https://www.zipwise.com/webservices/distance.php?  
key=YOUR_API_KEY&zip1=12345&zip2=90210&format=xml
```

(Note: the service will work over either http or https, whichever you prefer.)

Allowable ZIPs are US 5-digits or Canada 6-characters (do not include the space).

Successful result:

```
<?xml version="1.0" encoding="UTF-8"?>  
<results>  
  <zip1>12345</zip1>  
  <zip2>90210</zip2>  
  <distance>2448.4</distance>  
</results>
```

Error result:

```
<?xml version="1.0" encoding="UTF-8"?>  
<results>  
  <error>Description of the error</error>  
</results>
```

## JSON

If you prefer JSON, the following request, replacing YOUR\_API\_KEY with the key provided:

```
https://www.zipwise.com/webservices/distance.php?  
key=YOUR_API_KEY&zip1=12345&zip2=90210&format=json
```

(Note: the service will work over either http or https, whichever you prefer.)

Allowable ZIPs are US 5-digits or Canada 6-characters (do not include the space).

Successful result:

```
{  
  "results": {  
    "zip1": "12345",  
    "zip2": "90210",  
    "distance": "2,448.4"  
  }  
}
```

Error result:

```
{  
  "results": {  
    "error": "Description of the error"  
  }  
}
```

## FREQUENCY LIMITATION

Calls are limited to two accesses per customer every second.